



*Ventura Countywide
Stormwater Quality
Management Program*

2020-2021
Permit Year

Ventura Countywide Stormwater Quality
Management Program Annual Report

Attachments D Monitoring Appendices F - G



December 15, 2021

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	
2020/21-1	000NONPJ	matrix spike	12/30/2020	Anion	Chloride	n/a	=	254	mg/L	EPA 300.0	0.85	5			
2020/21-1	000NONPJ	matrix spike, rec	12/30/2020	Anion	Chloride	n/a	=	93	%	EPA 300.0	-88	-88	76	118	
2020/21-1	000NONPJ	matrix spike dup	12/30/2020	Anion	Chloride	n/a	=	253	mg/L	EPA 300.0	0.85	5			
2020/21-1	000NONPJ	matrix spike dup, rec	12/30/2020	Anion	Chloride	n/a	=	92	%	EPA 300.0	-88	-88	76	118	
2020/21-1	000NONPJ	matrix spike, RPD	12/30/2020	Anion	Chloride	n/a	=	0.2	%	EPA 300.0	-88	-88	0	20	
2020/21-1	000NONPJ	matrix spike	12/30/2020	Anion	Chloride	n/a	=	271	mg/L	EPA 300.0	0.85	5			
2020/21-1	000NONPJ	matrix spike, rec	12/30/2020	Anion	Chloride	n/a	=	89	%	EPA 300.0	-88	-88	76	118	
2020/21-1	000NONPJ	matrix spike dup	12/30/2020	Anion	Chloride	n/a	=	271	mg/L	EPA 300.0	0.85	5			
2020/21-1	000NONPJ	matrix spike dup, rec	12/30/2020	Anion	Chloride	n/a	=	89	%	EPA 300.0	-88	-88	76	118	
2020/21-1	000NONPJ	matrix spike, RPD	12/30/2020	Anion	Chloride	n/a	=	0.06	%	EPA 300.0	-88	-88	0	20	
2020/21-1	Lab	method blank	12/29/2020	Anion	Chloride	n/a	<	0.085	mg/L	EPA 300.0	0.085	0.5			
2020/21-1	Lab	LCS	12/29/2020	Anion	Chloride	n/a	=	19.3	mg/L	EPA 300.0	0.085	0.5			
2020/21-1	Lab	LCS, rec	12/29/2020	Anion	Chloride	n/a	=	96	%	EPA 300.0	-88	-88	90	110	
2020/21-1	000NONPJ	matrix spike	12/30/2020	Anion	Fluoride	n/a	=	19.5	mg/L	EPA 300.0	0.09	1			
2020/21-1	000NONPJ	matrix spike, rec	12/30/2020	Anion	Fluoride	n/a	=	95	%	EPA 300.0	-88	-88	86	107	
2020/21-1	000NONPJ	matrix spike dup	12/30/2020	Anion	Fluoride	n/a	=	19.4	mg/L	EPA 300.0	0.09	1			
2020/21-1	000NONPJ	matrix spike dup, rec	12/30/2020	Anion	Fluoride	n/a	=	94	%	EPA 300.0	-88	-88	86	107	
2020/21-1	000NONPJ	matrix spike, RPD	12/30/2020	Anion	Fluoride	n/a	=	0.4	%	EPA 300.0	-88	-88	0	20	
2020/21-1	000NONPJ	matrix spike	12/30/2020	Anion	Fluoride	n/a	=	19	mg/L	EPA 300.0	0.09	1			
2020/21-1	000NONPJ	matrix spike, rec	12/30/2020	Anion	Fluoride	n/a	=	92	%	EPA 300.0	-88	-88	86	107	
2020/21-1	000NONPJ	matrix spike dup	12/30/2020	Anion	Fluoride	n/a	=	19.2	mg/L	EPA 300.0	0.09	1			
2020/21-1	000NONPJ	matrix spike dup, rec	12/30/2020	Anion	Fluoride	n/a	=	92	%	EPA 300.0	-88	-88	86	107	
2020/21-1	000NONPJ	matrix spike, RPD	12/30/2020	Anion	Fluoride	n/a	=	0.7	%	EPA 300.0	-88	-88	0	20	
2020/21-1	Lab	method blank	12/29/2020	Anion	Fluoride	n/a	<	0.009	mg/L	EPA 300.0	0.009	0.1			
2020/21-1	Lab	LCS	12/29/2020	Anion	Fluoride	n/a	=	1.92	mg/L	EPA 300.0	0.009	0.1			
2020/21-1	Lab	LCS, rec	12/29/2020	Anion	Fluoride	n/a	=	96	%	EPA 300.0	-88	-88	90	110	
2020/21-1	000NONPJ	matrix spike	12/30/2020	Anion	Perchlorate	n/a	=	10.9	µg/L	EPA 314.0	0.84	2			
2020/21-1	000NONPJ	matrix spike, rec	12/30/2020	Anion	Perchlorate	n/a	=	97	%	EPA 314.0	-88	-88	80	120	
2020/21-1	000NONPJ	matrix spike dup	12/30/2020	Anion	Perchlorate	n/a	=	11.8	µg/L	EPA 314.0	0.84	2			
2020/21-1	000NONPJ	matrix spike dup, rec	12/30/2020	Anion	Perchlorate	n/a	=	106	%	EPA 314.0	-88	-88	80	120	
2020/21-1	000NONPJ	matrix spike, RPD	12/30/2020	Anion	Perchlorate	n/a	=	8	%	EPA 314.0	-88	-88	0	15	
2020/21-1	Lab	method blank	12/30/2020	Anion	Perchlorate	n/a	<	0.84	µg/L	EPA 314.0	0.84	2			
2020/21-1	Lab	LCS	12/30/2020	Anion	Perchlorate	n/a	=	9.68	µg/L	EPA 314.0	0.84	2			
2020/21-1	Lab	LCS, rec	12/30/2020	Anion	Perchlorate	n/a	=	97	%	EPA 314.0	-88	-88	85	115	
2020/21-1	MO-HUE	field duplicate	12/29/2020	Bacteriological	E. Coli	n/a	=	11199	MPN/100 mL	MMO-MUG	10	10	-88	-88	
2020/21-1	MO-HUE	field duplicate	12/29/2020	Bacteriological	Total Coliform	n/a	=	6440	MPN/100 mL	MMO-MUG	100	100	-88	-88	
2020/21-1	Lab	method blank	1/2/2021	Cation	Calcium	Total	<	0.016	mg/L	EPA 200.7	0.016	0.1			
2020/21-1	Lab	LCS	1/2/2021	Cation	Calcium	Total	=	47.6	mg/L	EPA 200.7	0.016	0.1			
2020/21-1	Lab	LCS, rec	1/2/2021	Cation	Calcium	Total	=	95	%	EPA 200.7	-88	-88	85	115	
2020/21-1	Lab	method blank	1/2/2021	Cation	Calcium	Total	<	0.016	mg/L	EPA 200.7	0.016	0.1			
2020/21-1	Lab	LCS	1/2/2021	Cation	Calcium	Total	=	47.3	mg/L	EPA 200.7	0.016	0.1			
2020/21-1	Lab	LCS, rec	1/2/2021	Cation	Calcium	Total	=	95	%	EPA 200.7	-88	-88	85	115	
2020/21-1	Lab	method blank	1/5/2021	Cation	Calcium	Total	=	0.122	mg/L	EPA 200.7	0.016	0.1			IP
2020/21-1	Lab	LCS	1/5/2021	Cation	Calcium	Total	=	47.3	mg/L	EPA 200.7	0.016	0.1			
2020/21-1	Lab	LCS, rec	1/5/2021	Cation	Calcium	Total	=	95	%	EPA 200.7	-88	-88	85	115	
2020/21-1	ME-CC	matrix spike	1/2/2021	Cation	Calcium	Total	=	213	mg/L	EPA 200.7	0.016	0.1			
2020/21-1	ME-CC	matrix spike, rec	1/2/2021	Cation	Calcium	Total	=	88	%	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	
2020/21-1	ME-CC	matrix spike dup	1/2/2021	Cation	Calcium	Total	=	210	mg/L	EPA 200.7	0.016	0.1			
2020/21-1	ME-CC	matrix spike dup, rec	1/2/2021	Cation	Calcium	Total	=	81	%	EPA 200.7	-88	-88	70	130	
2020/21-1	ME-CC	matrix spike, RPD	1/2/2021	Cation	Calcium	Total	=	2	%	EPA 200.7	-88	-88	0	30	
2020/21-1	MO-OJA	matrix spike	1/2/2021	Cation	Calcium	Total	=	75	mg/L	EPA 200.7	0.016	0.1			
2020/21-1	MO-OJA	matrix spike, rec	1/2/2021	Cation	Calcium	Total	=	98	%	EPA 200.7	-88	-88	70	130	
2020/21-1	MO-OJA	matrix spike dup	1/2/2021	Cation	Calcium	Total	=	74.7	mg/L	EPA 200.7	0.016	0.1			
2020/21-1	MO-OJA	matrix spike dup, rec	1/2/2021	Cation	Calcium	Total	=	98	%	EPA 200.7	-88	-88	70	130	
2020/21-1	MO-OJA	matrix spike, RPD	1/2/2021	Cation	Calcium	Total	=	0.3	%	EPA 200.7	-88	-88	0	30	
2020/21-1	MO-SIM	matrix spike	1/5/2021	Cation	Calcium	Total	=	137	mg/L	EPA 200.7	0.016	0.1			
2020/21-1	MO-SIM	matrix spike, rec	1/5/2021	Cation	Calcium	Total	=	91	%	EPA 200.7	-88	-88	70	130	
2020/21-1	MO-SIM	matrix spike dup	1/5/2021	Cation	Calcium	Total	=	138	mg/L	EPA 200.7	0.016	0.1			
2020/21-1	MO-SIM	matrix spike dup, rec	1/5/2021	Cation	Calcium	Total	=	93	%	EPA 200.7	-88	-88	70	130	
2020/21-1	MO-SIM	matrix spike, RPD	1/5/2021	Cation	Calcium	Total	=	0.6	%	EPA 200.7	-88	-88	0	30	
2020/21-1	Lab	method blank	1/2/2021	Cation	Magnesium	Total	<	0.012	mg/L	EPA 200.7	0.012	0.1			
2020/21-1	Lab	LCS	1/2/2021	Cation	Magnesium	Total	=	50.2	mg/L	EPA 200.7	0.012	0.1			
2020/21-1	Lab	LCS, rec	1/2/2021	Cation	Magnesium	Total	=	100	%	EPA 200.7	-88	-88	85	115	
2020/21-1	Lab	method blank	1/2/2021	Cation	Magnesium	Total	<	0.012	mg/L	EPA 200.7	0.012	0.1			
2020/21-1	Lab	LCS	1/2/2021	Cation	Magnesium	Total	=	49.9	mg/L	EPA 200.7	0.012	0.1			
2020/21-1	Lab	LCS, rec	1/2/2021	Cation	Magnesium	Total	=	100	%	EPA 200.7	-88	-88	85	115	
2020/21-1	Lab	method blank	1/5/2021	Cation	Magnesium	Total	<	0.012	mg/L	EPA 200.7	0.012	0.1			
2020/21-1	Lab	LCS	1/5/2021	Cation	Magnesium	Total	=	48.2	mg/L	EPA 200.7	0.012	0.1			
2020/21-1	Lab	LCS, rec	1/5/2021	Cation	Magnesium	Total	=	96	%	EPA 200.7	-88	-88	85	115	
2020/21-1	ME-CC	matrix spike	1/2/2021	Cation	Magnesium	Total	=	121	mg/L	EPA 200.7	0.012	0.1			
2020/21-1	ME-CC	matrix spike, rec	1/2/2021	Cation	Magnesium	Total	=	100	%	EPA 200.7	-88	-88	70	130	
2020/21-1	ME-CC	matrix spike dup	1/2/2021	Cation	Magnesium	Total	=	119	mg/L	EPA 200.7	0.012	0.1			
2020/21-1	ME-CC	matrix spike dup, rec	1/2/2021	Cation	Magnesium	Total	=	96	%	EPA 200.7	-88	-88	70	130	
2020/21-1	ME-CC	matrix spike, RPD	1/2/2021	Cation	Magnesium	Total	=	2	%	EPA 200.7	-88	-88	0	30	
2020/21-1	MO-OJA	matrix spike	1/2/2021	Cation	Magnesium	Total	=	59.9	mg/L	EPA 200.7	0.012	0.1			
2020/21-1	MO-OJA	matrix spike, rec	1/2/2021	Cation	Magnesium	Total	=	105	%	EPA 200.7	-88	-88	70	130	
2020/21-1	MO-OJA	matrix spike dup	1/2/2021	Cation	Magnesium	Total	=	59.5	mg/L	EPA 200.7	0.012	0.1			
2020/21-1	MO-OJA	matrix spike dup, rec	1/2/2021	Cation	Magnesium	Total	=	104	%	EPA 200.7	-88	-88	70	130	
2020/21-1	MO-OJA	matrix spike, RPD	1/2/2021	Cation	Magnesium	Total	=	0.7	%	EPA 200.7	-88	-88	0	30	
2020/21-1	MO-SIM	matrix spike	1/5/2021	Cation	Magnesium	Total	=	73.2	mg/L	EPA 200.7	0.012	0.1			
2020/21-1	MO-SIM	matrix spike, rec	1/5/2021	Cation	Magnesium	Total	=	100	%	EPA 200.7	-88	-88	70	130	
2020/21-1	MO-SIM	matrix spike dup	1/5/2021	Cation	Magnesium	Total	=	73.3	mg/L	EPA 200.7	0.012	0.1			
2020/21-1	MO-SIM	matrix spike dup, rec	1/5/2021	Cation	Magnesium	Total	=	100	%	EPA 200.7	-88	-88	70	130	
2020/21-1	MO-SIM	matrix spike, RPD	1/5/2021	Cation	Magnesium	Total	=	0.1	%	EPA 200.7	-88	-88	0	30	
2020/21-1	Lab	method blank	1/4/2021	Conventional	Alkalinity as CaCO3	n/a	<	0.56	mg/L	SM 2320 B	0.56	5			
2020/21-1	Lab	LCS	1/4/2021	Conventional	Alkalinity as CaCO3	n/a	=	246	mg/L	SM 2320 B	0.56	5			
2020/21-1	Lab	LCS, rec	1/4/2021	Conventional	Alkalinity as CaCO3	n/a	=	98	%	SM 2320 B	-88	-88	94	108	
2020/21-1	ME-CC	lab duplicate	1/4/2021	Conventional	Alkalinity as CaCO3	n/a	=	257	mg/L	SM 2320 B	0.56	5		15	
2020/21-1	000NONPJ	lab duplicate	1/3/2021	Conventional	BOD	n/a	=	2.08	mg/L	SM 5210 B	2	2		20	
2020/21-1	Lab	method blank	1/3/2021	Conventional	BOD	n/a	<	2	mg/L	SM 5210 B	2	2			
2020/21-1	Lab	method blank	1/3/2021	Conventional	BOD	n/a	<	2	mg/L	SM 5210 B	2	2			
2020/21-1	Lab	LCS	1/3/2021	Conventional	BOD	n/a	=	176	mg/L	SM 5210 B	2	2			
2020/21-1	Lab	LCS, rec	1/3/2021	Conventional	BOD	n/a	=	89	%	SM 5210 B	-88	-88	85	115	
2020/21-1	000NONPJ	lab duplicate	12/30/2020	Conventional	COD	n/a	=	830	mg/L	EPA 410.4	5.7	10		15	

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Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2020/21-1	000NONPJ	matrix spike	12/30/2020	Conventional	COD	n/a	=	2770	mg/L	EPA 410.4	11	20			
2020/21-1	000NONPJ	matrix spike, rec	12/30/2020	Conventional	COD	n/a	=	98	%	EPA 410.4	-88	-88	90	110	
2020/21-1	000NONPJ	matrix spike dup	12/30/2020	Conventional	COD	n/a	=	2770	mg/L	EPA 410.4	11	20			
2020/21-1	000NONPJ	matrix spike dup, rec	12/30/2020	Conventional	COD	n/a	=	98	%	EPA 410.4	-88	-88	90	110	
2020/21-1	000NONPJ	matrix spike, RPD	12/30/2020	Conventional	COD	n/a	=	0	%	EPA 410.4	-88	-88	0	15	
2020/21-1	000NONPJ	matrix spike	12/30/2020	Conventional	COD	n/a	=	193	mg/L	EPA 410.4	11	20			
2020/21-1	000NONPJ	matrix spike, rec	12/30/2020	Conventional	COD	n/a	=	97	%	EPA 410.4	-88	-88	90	110	
2020/21-1	000NONPJ	matrix spike dup	12/30/2020	Conventional	COD	n/a	=	212	mg/L	EPA 410.4	11	20			
2020/21-1	000NONPJ	matrix spike dup, rec	12/30/2020	Conventional	COD	n/a	=	106	%	EPA 410.4	-88	-88	90	110	
2020/21-1	000NONPJ	matrix spike, RPD	12/30/2020	Conventional	COD	n/a	=	9	%	EPA 410.4	-88	-88	0	15	
2020/21-1	Lab	LCS	12/30/2020	Conventional	COD	n/a	=	922	mg/L	EPA 410.4	2.9	5			
2020/21-1	Lab	LCS, rec	12/30/2020	Conventional	COD	n/a	=	92	%	EPA 410.4	-88	-88	90	110	
2020/21-1	Lab	method blank	12/30/2020	Conventional	COD	n/a	<	2.9	mg/L	EPA 410.4	2.9	5			
2020/21-1	Lab	LCS	1/5/2021	Conventional	Cyanide	Total	=	0.0456	mg/L	ASTM D7511	0.0003	0.002			
2020/21-1	Lab	LCS, rec	1/5/2021	Conventional	Cyanide	Total	=	91	%	ASTM D7511	-88	-88	84	116	
2020/21-1	Lab	method blank	1/5/2021	Conventional	Cyanide	Total	<	0.0003	mg/L	ASTM D7511	0.0003	0.002			
2020/21-1	Lab	method blank	1/5/2021	Conventional	Cyanide	Total	<	0.0003	mg/L	ASTM D7511	0.0003	0.002			
2020/21-1	Lab	LCS	1/5/2021	Conventional	Cyanide	Total	=	0.0443	mg/L	ASTM D7511	0.0003	0.002			
2020/21-1	Lab	LCS, rec	1/5/2021	Conventional	Cyanide	Total	=	89	%	ASTM D7511	-88	-88	84	116	
2020/21-1	ME-CC	matrix spike	1/5/2021	Conventional	Cyanide	Total	=	0.0525	mg/L	ASTM D7511	0.0003	0.002			
2020/21-1	ME-CC	matrix spike, rec	1/5/2021	Conventional	Cyanide	Total	=	96	%	ASTM D7511	-88	-88	64	136	
2020/21-1	ME-CC	matrix spike dup	1/5/2021	Conventional	Cyanide	Total	=	0.0522	mg/L	ASTM D7511	0.0003	0.002			
2020/21-1	ME-CC	matrix spike dup, rec	1/5/2021	Conventional	Cyanide	Total	=	96	%	ASTM D7511	-88	-88	64	136	
2020/21-1	ME-CC	matrix spike, RPD	1/5/2021	Conventional	Cyanide	Total	=	0.6	%	ASTM D7511	-88	-88	0	47	
2020/21-1	MO-HUE	field duplicate	1/5/2021	Conventional	Cyanide	Total	=	0.012	mg/L	ASTM D7511	0.0003	0.002			
2020/21-1	MO-HUE	field blank	1/5/2021	Conventional	Cyanide	Total	<	0.0003	mg/L	ASTM D7511	0.0003	0.002			
2020/21-1	MO-HUE	matrix spike	1/5/2021	Conventional	Cyanide	Total	=	0.0455	mg/L	ASTM D7511	0.0003	0.002			
2020/21-1	MO-HUE	matrix spike, rec	1/5/2021	Conventional	Cyanide	Total	=	91	%	ASTM D7511	-88	-88	64	136	
2020/21-1	MO-HUE	matrix spike dup	1/5/2021	Conventional	Cyanide	Total	=	0.0456	mg/L	ASTM D7511	0.0003	0.002			
2020/21-1	MO-HUE	matrix spike dup, rec	1/5/2021	Conventional	Cyanide	Total	=	91	%	ASTM D7511	-88	-88	64	136	
2020/21-1	MO-HUE	matrix spike, RPD	1/5/2021	Conventional	Cyanide	Total	=	0.4	%	ASTM D7511	-88	-88	0	47	
2020/21-1	000NONPJ	matrix spike	12/29/2020	Conventional	MBAS	n/a	=	0.249	mg/L	SM 5540 C	0.017	0.05			
2020/21-1	000NONPJ	matrix spike, rec	12/29/2020	Conventional	MBAS	n/a	=	100	%	SM 5540 C	-88	-88	74	123	
2020/21-1	000NONPJ	matrix spike dup	12/29/2020	Conventional	MBAS	n/a	=	0.248	mg/L	SM 5540 C	0.017	0.05			
2020/21-1	000NONPJ	matrix spike dup, rec	12/29/2020	Conventional	MBAS	n/a	=	99	%	SM 5540 C	-88	-88	74	123	
2020/21-1	000NONPJ	matrix spike, RPD	12/29/2020	Conventional	MBAS	n/a	=	0.2	%	SM 5540 C	-88	-88	0	20	
2020/21-1	Lab	method blank	12/29/2020	Conventional	MBAS	n/a	<	0.017	mg/L	SM 5540 C	0.017	0.05			
2020/21-1	Lab	LCS	12/29/2020	Conventional	MBAS	n/a	=	0.228	mg/L	SM 5540 C	0.017	0.05			
2020/21-1	Lab	LCS, rec	12/29/2020	Conventional	MBAS	n/a	=	114	%	SM 5540 C	-88	-88	82	115	
2020/21-1	000NONPJ	matrix spike	1/8/2021	Conventional	Phenolics	n/a	=	0.275	mg/L	EPA 420.4	0.0032	0.01			
2020/21-1	000NONPJ	matrix spike dup	1/8/2021	Conventional	Phenolics	n/a	=	0.274	mg/L	EPA 420.4	0.0032	0.01			
2020/21-1	000NONPJ	matrix spike dup, rec	1/8/2021	Conventional	Phenolics	n/a	=	110	%	EPA 420.4	-88	-88	90	110	
2020/21-1	000NONPJ	matrix spike, rec	1/8/2021	Conventional	Phenolics	n/a	=	110	%	EPA 420.4	-88	-88	90	110	
2020/21-1	000NONPJ	matrix spike, RPD	1/8/2021	Conventional	Phenolics	n/a	=	0.4	%	EPA 420.4	-88	-88	0	20	
2020/21-1	Lab	LCS	1/5/2021	Conventional	Phenolics	n/a	=	0.104	mg/L	EPA 420.4	0.0032	0.01			
2020/21-1	Lab	LCS, rec	1/5/2021	Conventional	Phenolics	n/a	=	104	%	EPA 420.4	-88	-88	90	110	
2020/21-1	Lab	method blank	1/5/2021	Conventional	Phenolics	n/a	<	0.0032	mg/L	EPA 420.4	0.0032	0.01			

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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	
2020/21-1	Lab	LCS	1/8/2021	Conventional	Phenolics	n/a	=	0.105	mg/L	EPA 420.4	0.0032	0.01			
2020/21-1	Lab	LCS, rec	1/8/2021	Conventional	Phenolics	n/a	=	105	%	EPA 420.4	-88	-88	90	110	
2020/21-1	Lab	method blank	1/8/2021	Conventional	Phenolics	n/a	<	0.0032	mg/L	EPA 420.4	0.0032	0.01			
2020/21-1	ME-CC	matrix spike	1/5/2021	Conventional	Phenolics	n/a	=	0.278	mg/L	EPA 420.4	0.0032	0.01			
2020/21-1	ME-CC	matrix spike dup	1/5/2021	Conventional	Phenolics	n/a	=	0.28	mg/L	EPA 420.4	0.0032	0.01			
2020/21-1	ME-CC	matrix spike dup, rec	1/5/2021	Conventional	Phenolics	n/a	=	107	%	EPA 420.4	-88	-88	90	110	
2020/21-1	ME-CC	matrix spike, rec	1/5/2021	Conventional	Phenolics	n/a	=	106	%	EPA 420.4	-88	-88	90	110	
2020/21-1	ME-CC	matrix spike, RPD	1/5/2021	Conventional	Phenolics	n/a	=	0.4	%	EPA 420.4	-88	-88	0	20	
2020/21-1	000NONPJ	lab duplicate	1/5/2021	Conventional	Specific Conductance	n/a	=	70	µmhos/cm	SM 2510 B	0.23	2		5	
2020/21-1	Lab	method blank	1/5/2021	Conventional	Specific Conductance	n/a	DNQ	0.38	µmhos/cm	SM 2510 B	0.23	2			IP
2020/21-1	Lab	LCS	1/5/2021	Conventional	Specific Conductance	n/a	=	447	µmhos/cm	SM 2510 B	0.23	2			
2020/21-1	Lab	LCS, rec	1/5/2021	Conventional	Specific Conductance	n/a	=	100	%	SM 2510 B	-88	-88	95	105	
2020/21-1	000NONPJ	lab duplicate	12/29/2020	Conventional	Total Chlorine Residual	n/a	=	0.13	mg/L	SM 4500-Cl G	0.0076	0.05		15	
2020/21-1	000NONPJ	matrix spike	12/29/2020	Conventional	Total Chlorine Residual	n/a	=	0.344	mg/L	SM 4500-Cl G	0.0076	0.05			
2020/21-1	000NONPJ	matrix spike, rec	12/29/2020	Conventional	Total Chlorine Residual	n/a	=	108	%	SM 4500-Cl G	-88	-88	78	114	
2020/21-1	000NONPJ	matrix spike dup	12/29/2020	Conventional	Total Chlorine Residual	n/a	=	0.345	mg/L	SM 4500-Cl G	0.0076	0.05			
2020/21-1	000NONPJ	matrix spike dup, rec	12/29/2020	Conventional	Total Chlorine Residual	n/a	=	108	%	SM 4500-Cl G	-88	-88	78	114	
2020/21-1	000NONPJ	matrix spike, RPD	12/29/2020	Conventional	Total Chlorine Residual	n/a	=	0.3	%	SM 4500-Cl G	-88	-88	0	15	
2020/21-1	Lab	method blank	12/29/2020	Conventional	Total Chlorine Residual	n/a	<	0.0076	mg/L	SM 4500-Cl G	0.0076	0.05			
2020/21-1	Lab	LCS	12/29/2020	Conventional	Total Chlorine Residual	n/a	=	0.217	mg/L	SM 4500-Cl G	0.0076	0.05			
2020/21-1	Lab	LCS, rec	12/29/2020	Conventional	Total Chlorine Residual	n/a	=	108	%	SM 4500-Cl G	-88	-88	85	110	
2020/21-1	000NONPJ	lab duplicate	12/30/2020	Conventional	Total Dissolved Solids	n/a	=	36700	mg/L	SM 2540 C	4	10		10	
2020/21-1	Lab	LCS	12/30/2020	Conventional	Total Dissolved Solids	n/a	=	833	mg/L	SM 2540 C	4	10			
2020/21-1	Lab	LCS, rec	12/30/2020	Conventional	Total Dissolved Solids	n/a	=	101	%	SM 2540 C	-88	-88	96	102	
2020/21-1	Lab	method blank	12/30/2020	Conventional	Total Dissolved Solids	n/a	<	4	mg/L	SM 2540 C	4	10			
2020/21-1	MO-HUE	lab duplicate	12/30/2020	Conventional	Total Dissolved Solids	n/a	=	2720	mg/L	SM 2540 C	4	10		10	
2020/21-1	000NONPJ	matrix spike	12/30/2020	Conventional	Total Organic Carbon	n/a	=	29	mg/L	SM 5310 B	0.096	0.3			
2020/21-1	000NONPJ	matrix spike	12/30/2020	Conventional	Total Organic Carbon	n/a	=	27.8	mg/L	SM 5310 B	0.096	0.3			
2020/21-1	000NONPJ	matrix spike dup	12/30/2020	Conventional	Total Organic Carbon	n/a	=	29	mg/L	SM 5310 B	0.096	0.3			
2020/21-1	000NONPJ	matrix spike dup	12/30/2020	Conventional	Total Organic Carbon	n/a	=	27.9	mg/L	SM 5310 B	0.096	0.3			
2020/21-1	000NONPJ	matrix spike dup, rec	12/30/2020	Conventional	Total Organic Carbon	n/a	=	102	%	SM 5310 B	-88	-88	76	115	
2020/21-1	000NONPJ	matrix spike dup, rec	12/30/2020	Conventional	Total Organic Carbon	n/a	=	99	%	SM 5310 B	-88	-88	76	115	
2020/21-1	000NONPJ	matrix spike, rec	12/30/2020	Conventional	Total Organic Carbon	n/a	=	98	%	SM 5310 B	-88	-88	76	115	
2020/21-1	000NONPJ	matrix spike, rec	12/30/2020	Conventional	Total Organic Carbon	n/a	=	99	%	SM 5310 B	-88	-88	76	115	
2020/21-1	000NONPJ	matrix spike, RPD	12/30/2020	Conventional	Total Organic Carbon	n/a	=	0.2	%	SM 5310 B	-88	-88	0	20	
2020/21-1	000NONPJ	matrix spike, RPD	12/30/2020	Conventional	Total Organic Carbon	n/a	=	0.5	%	SM 5310 B	-88	-88	0	20	
2020/21-1	Lab	LCS	12/30/2020	Conventional	Total Organic Carbon	n/a	=	1.03	mg/L	SM 5310 B	0.096	0.3			
2020/21-1	Lab	LCS, rec	12/30/2020	Conventional	Total Organic Carbon	n/a	=	103	%	SM 5310 B	-88	-88	85	115	
2020/21-1	Lab	method blank	12/30/2020	Conventional	Total Organic Carbon	n/a	<	0.096	mg/L	SM 5310 B	0.096	0.3			
2020/21-1	000NONPJ	lab duplicate	12/30/2020	Conventional	Total Suspended Solids	n/a	=	6	mg/L	SM 2540 D	-88	5		20	
2020/21-1	Lab	LCS	12/30/2020	Conventional	Total Suspended Solids	n/a	=	64.2	mg/L	SM 2540 D	-88	5			
2020/21-1	Lab	LCS, rec	12/30/2020	Conventional	Total Suspended Solids	n/a	=	104	%	SM 2540 D	-88	-88	90	110	
2020/21-1	Lab	method blank	12/30/2020	Conventional	Total Suspended Solids	n/a	<	5	mg/L	SM 2540 D	-88	5			
2020/21-1	ME-SCR	lab duplicate	12/30/2020	Conventional	Total Suspended Solids	n/a	=	354	mg/L	SM 2540 D	-88	5		20	
2020/21-1	Lab	LCS	12/29/2020	Conventional	Turbidity	n/a	=	9.96	NTU	EPA 180.1	0.017	0.1			
2020/21-1	Lab	LCS, rec	12/29/2020	Conventional	Turbidity	n/a	=	100	%	EPA 180.1	-88	-88	90	110	
2020/21-1	Lab	method blank	12/29/2020	Conventional	Turbidity	n/a	DNQ	0.02	NTU	EPA 180.1	0.017	0.1			IP

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2020/21-1	Lab	LCS	12/29/2020	Conventional	Turbidity	n/a	=	4.03	NTU	EPA 180.1	0.017	0.1			
2020/21-1	Lab	LCS, rec	12/29/2020	Conventional	Turbidity	n/a	=	101	%	EPA 180.1	-88	-88	90	110	
2020/21-1	MO-MEI	lab duplicate	12/29/2020	Conventional	Turbidity	n/a	=	48	NTU	EPA 180.1	0.068	0.4		10	
2020/21-1	Lab	LCS	12/30/2020	Conventional	Volatile Suspended Solids	n/a	=	48	mg/L	EPA 160.4	0.093	0.15			
2020/21-1	Lab	LCS, rec	12/30/2020	Conventional	Volatile Suspended Solids	n/a	=	109	%	EPA 160.4	-88	-88	90	110	
2020/21-1	Lab	method blank	12/30/2020	Conventional	Volatile Suspended Solids	n/a	<	3.1	mg/L	EPA 160.4	3.1	5			
2020/21-1	ME-SCR	lab duplicate	12/30/2020	Conventional	Volatile Suspended Solids	n/a	=	52	mg/L	EPA 160.4	3.1	5		15	
2020/21-1	Lab	method blank	1/11/2021	Hydrocarbon	Diesel Range Organics	n/a	DNQ	0.0494	mg/L	EPA 8015B	0.032	0.1			IP
2020/21-1	Lab	LCS	1/11/2021	Hydrocarbon	Diesel Range Organics	n/a	=	0.421	mg/L	EPA 8015B	0.032	0.1			
2020/21-1	Lab	LCS, rec	1/11/2021	Hydrocarbon	Diesel Range Organics	n/a	=	84	%	EPA 8015B	-88	-88	56	136	
2020/21-1	Lab	LCS dup	1/11/2021	Hydrocarbon	Diesel Range Organics	n/a	=	0.393	mg/L	EPA 8015B	0.032	0.1			
2020/21-1	Lab	LCS dup, rec	1/11/2021	Hydrocarbon	Diesel Range Organics	n/a	=	79	%	EPA 8015B	-88	-88	56	136	
2020/21-1	Lab	LCS, RPD	1/11/2021	Hydrocarbon	Diesel Range Organics	n/a	=	7	%	EPA 8015B	-88	-88	0	25	
2020/21-1	Lab	method blank	1/12/2021	Hydrocarbon	Diesel Range Organics	n/a	DNQ	0.0474	mg/L	EPA 8015B	0.032	0.1			IP
2020/21-1	Lab	LCS	1/12/2021	Hydrocarbon	Diesel Range Organics	n/a	=	0.374	mg/L	EPA 8015B	0.032	0.1			
2020/21-1	Lab	LCS, rec	1/12/2021	Hydrocarbon	Diesel Range Organics	n/a	=	75	%	EPA 8015B	-88	-88	56	136	
2020/21-1	Lab	LCS dup	1/12/2021	Hydrocarbon	Diesel Range Organics	n/a	=	0.354	mg/L	EPA 8015B	0.032	0.1			
2020/21-1	Lab	LCS dup, rec	1/12/2021	Hydrocarbon	Diesel Range Organics	n/a	=	71	%	EPA 8015B	-88	-88	56	136	
2020/21-1	Lab	LCS, RPD	1/12/2021	Hydrocarbon	Diesel Range Organics	n/a	=	5	%	EPA 8015B	-88	-88	0	25	
2020/21-1	Lab	LCS	1/3/2021	Hydrocarbon	Gasoline Range Organics	n/a	=	1.02	mg/L	LUFT GC/MS	0.065	0.1			
2020/21-1	Lab	LCS, rec	1/3/2021	Hydrocarbon	Gasoline Range Organics	n/a	=	102	%	LUFT GC/MS	-88	-88	53	136	
2020/21-1	Lab	LCS dup	1/3/2021	Hydrocarbon	Gasoline Range Organics	n/a	=	1	mg/L	LUFT GC/MS	0.065	0.1			
2020/21-1	Lab	LCS dup, rec	1/3/2021	Hydrocarbon	Gasoline Range Organics	n/a	=	100	%	LUFT GC/MS	-88	-88	53	136	
2020/21-1	Lab	LCS, RPD	1/3/2021	Hydrocarbon	Gasoline Range Organics	n/a	=	2	%	LUFT GC/MS	-88	-88	0	25	
2020/21-1	Lab	method blank	1/3/2021	Hydrocarbon	Gasoline Range Organics	n/a	<	0.065	mg/L	LUFT GC/MS	0.065	0.1			
2020/21-1	MO-HUE	field duplicate	1/3/2021	Hydrocarbon	Gasoline Range Organics	n/a	<	0.065	mg/L	LUFT GC/MS	0.065	0.1			
2020/21-1	MO-HUE	field blank	1/4/2021	Hydrocarbon	Gasoline Range Organics	n/a	<	0.065	mg/L	LUFT GC/MS	0.065	0.1			
2020/21-1	Lab	srgt method blank	1/11/2021	Hydrocarbon	n-Tetracosane	n/a	<	0.287	mg/L	EPA 8015B	-88	-88			
2020/21-1	Lab	srgt method blank, rec	1/11/2021	Hydrocarbon	n-Tetracosane	n/a	=	115	%	EPA 8015B	-88	-88	64	155	
2020/21-1	Lab	srgt LCS	1/11/2021	Hydrocarbon	n-Tetracosane	n/a	=	0.288	mg/L	EPA 8015B	-88	-88			
2020/21-1	Lab	srgt LCS, rec	1/11/2021	Hydrocarbon	n-Tetracosane	n/a	=	115	%	EPA 8015B	-88	-88	64	155	
2020/21-1	Lab	srgt LCS dup	1/11/2021	Hydrocarbon	n-Tetracosane	n/a	=	0.299	mg/L	EPA 8015B	-88	-88			
2020/21-1	Lab	srgt LCS dup, rec	1/11/2021	Hydrocarbon	n-Tetracosane	n/a	=	120	%	EPA 8015B	-88	-88	64	155	
2020/21-1	Lab	srgt method blank	1/12/2021	Hydrocarbon	n-Tetracosane	n/a	=	0.22	mg/L	EPA 8015B	-88	-88			
2020/21-1	Lab	srgt method blank, rec	1/12/2021	Hydrocarbon	n-Tetracosane	n/a	=	88	%	EPA 8015B	-88	-88	64	155	
2020/21-1	Lab	srgt LCS	1/12/2021	Hydrocarbon	n-Tetracosane	n/a	=	0.263	mg/L	EPA 8015B	-88	-88			
2020/21-1	Lab	srgt LCS, rec	1/12/2021	Hydrocarbon	n-Tetracosane	n/a	=	105	%	EPA 8015B	-88	-88	64	155	
2020/21-1	Lab	srgt LCS dup	1/12/2021	Hydrocarbon	n-Tetracosane	n/a	=	0.252	mg/L	EPA 8015B	-88	-88			
2020/21-1	Lab	srgt LCS dup, rec	1/12/2021	Hydrocarbon	n-Tetracosane	n/a	=	101	%	EPA 8015B	-88	-88	64	155	
2020/21-1	ME-CC	srgt environ	1/11/2021	Hydrocarbon	n-Tetracosane	n/a	=	0.316	mg/L	EPA 8015B	-88	-88			
2020/21-1	ME-CC	srgt environ, rec	1/11/2021	Hydrocarbon	n-Tetracosane	n/a	=	127	%	EPA 8015B	-88	-88	64	155	
2020/21-1	ME-SCR	srgt environ	1/11/2021	Hydrocarbon	n-Tetracosane	n/a	=	0.216	mg/L	EPA 8015B	-88	-88			
2020/21-1	ME-SCR	srgt environ, rec	1/11/2021	Hydrocarbon	n-Tetracosane	n/a	=	86	%	EPA 8015B	-88	-88	64	155	
2020/21-1	ME-VR2	srgt environ	1/11/2021	Hydrocarbon	n-Tetracosane	n/a	=	0.238	mg/L	EPA 8015B	-88	-88			
2020/21-1	ME-VR2	srgt environ, rec	1/11/2021	Hydrocarbon	n-Tetracosane	n/a	=	95	%	EPA 8015B	-88	-88	64	155	
2020/21-1	MO-CAM	srgt environ	1/12/2021	Hydrocarbon	n-Tetracosane	n/a	=	0.327	mg/L	EPA 8015B	-88	-88			
2020/21-1	MO-CAM	srgt environ, rec	1/12/2021	Hydrocarbon	n-Tetracosane	n/a	=	131	%	EPA 8015B	-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	
2020/21-1	MO-FIL	srgt environ	1/12/2021	Hydrocarbon	n-Tetracosane	n/a	=	0.237	mg/L	EPA 8015B	-88	-88			
2020/21-1	MO-FIL	srgt environ, rec	1/12/2021	Hydrocarbon	n-Tetracosane	n/a	=	95	%	EPA 8015B	-88	-88	64	155	
2020/21-1	MO-HUE	srgt environ	1/12/2021	Hydrocarbon	n-Tetracosane	n/a	=	0.279	mg/L	EPA 8015B	-88	-88			
2020/21-1	MO-HUE	srgt environ, rec	1/12/2021	Hydrocarbon	n-Tetracosane	n/a	=	112	%	EPA 8015B	-88	-88	64	155	
2020/21-1	MO-MEI	srgt environ	1/11/2021	Hydrocarbon	n-Tetracosane	n/a	=	0.226	mg/L	EPA 8015B	-88	-88			
2020/21-1	MO-MEI	srgt environ, rec	1/11/2021	Hydrocarbon	n-Tetracosane	n/a	=	91	%	EPA 8015B	-88	-88	64	155	
2020/21-1	MO-MPK	srgt environ	1/12/2021	Hydrocarbon	n-Tetracosane	n/a	=	0.277	mg/L	EPA 8015B	-88	-88			
2020/21-1	MO-MPK	srgt environ, rec	1/12/2021	Hydrocarbon	n-Tetracosane	n/a	=	111	%	EPA 8015B	-88	-88	64	155	
2020/21-1	MO-OJA	srgt environ	1/11/2021	Hydrocarbon	n-Tetracosane	n/a	=	2.44	mg/L	EPA 8015B	-88	-88			
2020/21-1	MO-OJA	srgt environ, rec	1/11/2021	Hydrocarbon	n-Tetracosane	n/a	=	98	%	EPA 8015B	-88	-88	64	155	
2020/21-1	MO-OXN	srgt environ	1/12/2021	Hydrocarbon	n-Tetracosane	n/a	=	0.247	mg/L	EPA 8015B	-88	-88			
2020/21-1	MO-OXN	srgt environ, rec	1/12/2021	Hydrocarbon	n-Tetracosane	n/a	=	99	%	EPA 8015B	-88	-88	64	155	
2020/21-1	MO-SIM	srgt environ	1/12/2021	Hydrocarbon	n-Tetracosane	n/a	=	0.232	mg/L	EPA 8015B	-88	-88			
2020/21-1	MO-SIM	srgt environ, rec	1/12/2021	Hydrocarbon	n-Tetracosane	n/a	=	93	%	EPA 8015B	-88	-88	64	155	
2020/21-1	MO-SPA	srgt environ	1/11/2021	Hydrocarbon	n-Tetracosane	n/a	=	0.225	mg/L	EPA 8015B	-88	-88			
2020/21-1	MO-SPA	srgt environ, rec	1/11/2021	Hydrocarbon	n-Tetracosane	n/a	=	90	%	EPA 8015B	-88	-88	64	155	
2020/21-1	MO-THO	srgt environ	1/12/2021	Hydrocarbon	n-Tetracosane	n/a	=	0.25	mg/L	EPA 8015B	-88	-88			
2020/21-1	MO-THO	srgt environ, rec	1/12/2021	Hydrocarbon	n-Tetracosane	n/a	=	100	%	EPA 8015B	-88	-88	64	155	
2020/21-1	MO-VEN	srgt environ	1/12/2021	Hydrocarbon	n-Tetracosane	n/a	=	0.252	mg/L	EPA 8015B	-88	-88			
2020/21-1	MO-VEN	srgt environ, rec	1/12/2021	Hydrocarbon	n-Tetracosane	n/a	=	101	%	EPA 8015B	-88	-88	64	155	
2020/21-1	Lab	LCS	1/7/2021	Hydrocarbon	Oil and Grease	n/a	=	16.4	mg/L	EPA 1664B	0.7	5			
2020/21-1	Lab	LCS	1/7/2021	Hydrocarbon	Oil and Grease	n/a	=	5.2	mg/L	EPA 1664B	0.7	5			
2020/21-1	Lab	LCS	1/7/2021	Hydrocarbon	Oil and Grease	n/a	=	16.6	mg/L	EPA 1664B	0.7	5			
2020/21-1	Lab	LCS	1/7/2021	Hydrocarbon	Oil and Grease	n/a	=	17	mg/L	EPA 1664B	0.7	5			
2020/21-1	Lab	LCS dup	1/7/2021	Hydrocarbon	Oil and Grease	n/a	=	16.9	mg/L	EPA 1664B	0.7	5			
2020/21-1	Lab	LCS dup, rec	1/7/2021	Hydrocarbon	Oil and Grease	n/a	=	84	%	EPA 1664B	-88	-88	78	114	
2020/21-1	Lab	LCS, rec	1/7/2021	Hydrocarbon	Oil and Grease	n/a	=	85	%	EPA 1664B	-88	-88	78	114	
2020/21-1	Lab	LCS, rec	1/7/2021	Hydrocarbon	Oil and Grease	n/a	=	104	%	EPA 1664B	-88	-88	78	114	
2020/21-1	Lab	LCS, rec	1/7/2021	Hydrocarbon	Oil and Grease	n/a	=	83	%	EPA 1664B	-88	-88	78	114	
2020/21-1	Lab	LCS, rec	1/7/2021	Hydrocarbon	Oil and Grease	n/a	=	82	%	EPA 1664B	-88	-88	78	114	
2020/21-1	Lab	LCS, RPD	1/7/2021	Hydrocarbon	Oil and Grease	n/a	=	2	%	EPA 1664B	-88	-88	0	18	
2020/21-1	Lab	method blank	1/7/2021	Hydrocarbon	Oil and Grease	n/a	<	0.7	mg/L	EPA 1664B	0.7	5			
2020/21-1	Lab	LCS	1/8/2021	Hydrocarbon	Oil and Grease	n/a	=	16.5	mg/L	EPA 1664B	0.7	5			
2020/21-1	Lab	LCS	1/8/2021	Hydrocarbon	Oil and Grease	n/a	DNQ	4.3	mg/L	EPA 1664B	0.7	5			
2020/21-1	Lab	LCS dup	1/8/2021	Hydrocarbon	Oil and Grease	n/a	=	15.8	mg/L	EPA 1664B	0.7	5			
2020/21-1	Lab	LCS dup, rec	1/8/2021	Hydrocarbon	Oil and Grease	n/a	=	79	%	EPA 1664B	-88	-88	78	114	
2020/21-1	Lab	LCS, rec	1/8/2021	Hydrocarbon	Oil and Grease	n/a	=	86	%	EPA 1664B	-88	-88	78	114	
2020/21-1	Lab	LCS, rec	1/8/2021	Hydrocarbon	Oil and Grease	n/a	=	82	%	EPA 1664B	-88	-88	78	114	
2020/21-1	Lab	LCS, RPD	1/8/2021	Hydrocarbon	Oil and Grease	n/a	=	4	%	EPA 1664B	-88	-88	0	18	
2020/21-1	Lab	method blank	1/8/2021	Hydrocarbon	Oil and Grease	n/a	<	0.7	mg/L	EPA 1664B	0.7	5			
2020/21-1	Lab	LCS	1/15/2021	Hydrocarbon	Oil and Grease	n/a	DNQ	4.4	mg/L	EPA 1664B	0.7	5			
2020/21-1	Lab	LCS	1/15/2021	Hydrocarbon	Oil and Grease	n/a	=	16.4	mg/L	EPA 1664B	0.7	5			
2020/21-1	Lab	LCS dup	1/15/2021	Hydrocarbon	Oil and Grease	n/a	=	16.8	mg/L	EPA 1664B	0.7	5			
2020/21-1	Lab	LCS dup, rec	1/15/2021	Hydrocarbon	Oil and Grease	n/a	=	84	%	EPA 1664B	-88	-88	78	114	
2020/21-1	Lab	LCS, rec	1/15/2021	Hydrocarbon	Oil and Grease	n/a	=	82	%	EPA 1664B	-88	-88	78	114	
2020/21-1	Lab	LCS, rec	1/15/2021	Hydrocarbon	Oil and Grease	n/a	=	88	%	EPA 1664B	-88	-88	78	114	
2020/21-1	Lab	LCS, RPD	1/15/2021	Hydrocarbon	Oil and Grease	n/a	=	2	%	EPA 1664B	-88	-88	0	18	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2020/21-1	Lab	method blank	1/15/2021	Hydrocarbon	Oil and Grease	n/a	<	0.7	mg/L	EPA 1664B	0.7	5			
2020/21-1	Lab	LCS	1/15/2021	Hydrocarbon	Oil and Grease	n/a	=	17.1	mg/L	EPA 1664B	0.7	5			
2020/21-1	Lab	LCS	1/15/2021	Hydrocarbon	Oil and Grease	n/a	DNQ	3.9	mg/L	EPA 1664B	0.7	5			
2020/21-1	Lab	LCS dup	1/15/2021	Hydrocarbon	Oil and Grease	n/a	=	16.5	mg/L	EPA 1664B	0.7	5			
2020/21-1	Lab	LCS dup, rec	1/15/2021	Hydrocarbon	Oil and Grease	n/a	=	82	%	EPA 1664B	-88	-88	78	114	
2020/21-1	Lab	LCS, rec	1/15/2021	Hydrocarbon	Oil and Grease	n/a	=	78	%	EPA 1664B	-88	-88	78	114	
2020/21-1	Lab	LCS, rec	1/15/2021	Hydrocarbon	Oil and Grease	n/a	=	86	%	EPA 1664B	-88	-88	78	114	
2020/21-1	Lab	LCS, RPD	1/15/2021	Hydrocarbon	Oil and Grease	n/a	=	4	%	EPA 1664B	-88	-88	0	18	
2020/21-1	Lab	method blank	1/15/2021	Hydrocarbon	Oil and Grease	n/a	<	0.7	mg/L	EPA 1664B	0.7	5			
2020/21-1	MO-HUE	field blank	1/7/2021	Hydrocarbon	Oil and Grease	n/a	DNQ	1.5	mg/L	EPA 1664B	0.7	5			
2020/21-1	MO-HUE	field duplicate	1/7/2021	Hydrocarbon	Oil and Grease	n/a	DNQ	1.8	mg/L	EPA 1664B	0.7	5			
2020/21-1	Lab	method blank	1/11/2021	Hydrocarbon	Oil Range Organics	n/a	<	0.33	mg/L	EPA 8015B	0.33	0.5			
2020/21-1	Lab	method blank	1/12/2021	Hydrocarbon	Oil Range Organics	n/a	<	0.33	mg/L	EPA 8015B	0.33	0.5			
2020/21-1	Lab	method blank	1/4/2021	Metal	Aluminum	Dissolved	<	4.4	µg/L	EPA 200.8	4.4	20			
2020/21-1	Lab	LCS	1/4/2021	Metal	Aluminum	Dissolved	=	45.4	µg/L	EPA 200.8	4.4	20			
2020/21-1	Lab	LCS, rec	1/4/2021	Metal	Aluminum	Dissolved	=	91	%	EPA 200.8	-88	-88	85	115	
2020/21-1	Lab	method blank	1/4/2021	Metal	Aluminum	Dissolved	<	4.4	µg/L	EPA 200.8	4.4	20			
2020/21-1	Lab	LCS	1/4/2021	Metal	Aluminum	Dissolved	=	45.1	µg/L	EPA 200.8	4.4	20			
2020/21-1	Lab	LCS, rec	1/4/2021	Metal	Aluminum	Dissolved	=	90	%	EPA 200.8	-88	-88	85	115	
2020/21-1	Lab	method blank	1/4/2021	Metal	Aluminum	Total	<	4.4	µg/L	EPA 200.8	4.4	20			
2020/21-1	Lab	LCS	1/4/2021	Metal	Aluminum	Total	=	45.4	µg/L	EPA 200.8	4.4	20			
2020/21-1	Lab	LCS, rec	1/4/2021	Metal	Aluminum	Total	<	91	%	EPA 200.8	-88	-88	85	115	
2020/21-1	Lab	method blank	1/4/2021	Metal	Aluminum	Total	<	4.4	µg/L	EPA 200.8	4.4	20			
2020/21-1	Lab	LCS	1/4/2021	Metal	Aluminum	Total	=	45.1	µg/L	EPA 200.8	4.4	20			
2020/21-1	Lab	LCS, rec	1/4/2021	Metal	Aluminum	Total	=	90	%	EPA 200.8	-88	-88	85	115	
2020/21-1	ME-SCR	matrix spike	1/4/2021	Metal	Aluminum	Total	=	760	µg/L	EPA 200.8	4.4	20			GB
2020/21-1	ME-SCR	matrix spike, rec	1/4/2021	Metal	Aluminum	Total	=	-4810	%	EPA 200.8	-88	-88	70	130	GB
2020/21-1	ME-SCR	matrix spike dup	1/4/2021	Metal	Aluminum	Total	=	787	µg/L	EPA 200.8	4.4	20			GB
2020/21-1	ME-SCR	matrix spike dup, rec	1/4/2021	Metal	Aluminum	Total	=	-47	%	EPA 200.8	-88	-88	70	130	GB
2020/21-1	ME-SCR	matrix spike, RPD	1/4/2021	Metal	Aluminum	Total	=	4	%	EPA 200.8	-88	-88	0	30	GB
2020/21-1	MO-HUE	matrix spike	1/4/2021	Metal	Aluminum	Total	=	1200	µg/L	EPA 200.8	4.4	20			
2020/21-1	MO-HUE	matrix spike, rec	1/4/2021	Metal	Aluminum	Total	=	106	%	EPA 200.8	-88	-88	70	130	
2020/21-1	MO-HUE	matrix spike dup	1/4/2021	Metal	Aluminum	Total	=	1200	µg/L	EPA 200.8	4.4	20			
2020/21-1	MO-HUE	matrix spike dup, rec	1/4/2021	Metal	Aluminum	Total	=	115	%	EPA 200.8	-88	-88	70	130	
2020/21-1	MO-HUE	matrix spike, RPD	1/4/2021	Metal	Aluminum	Total	=	0.4	%	EPA 200.8	-88	-88	0	30	
2020/21-1	MO-MEI	matrix spike	1/4/2021	Metal	Aluminum	Total	=	8640	µg/L	EPA 200.8	4.4	20			GB
2020/21-1	MO-MEI	matrix spike, rec	1/4/2021	Metal	Aluminum	Total	=	-379	%	EPA 200.8	-88	-88	70	130	GB
2020/21-1	MO-MEI	matrix spike dup	1/4/2021	Metal	Aluminum	Total	=	8260	µg/L	EPA 200.8	4.4	20			GB
2020/21-1	MO-MEI	matrix spike dup, rec	1/4/2021	Metal	Aluminum	Total	=	-11	%	EPA 200.8	-88	-88	70	130	GB
2020/21-1	MO-MEI	matrix spike, RPD	1/4/2021	Metal	Aluminum	Total	=	4	%	EPA 200.8	-88	-88	0	30	GB
2020/21-1	Lab	method blank	1/4/2021	Metal	Antimony	Dissolved	<	0.089	µg/L	EPA 200.8	0.089	0.5			
2020/21-1	Lab	LCS	1/4/2021	Metal	Antimony	Dissolved	=	51.6	µg/L	EPA 200.8	0.089	0.5			
2020/21-1	Lab	LCS, rec	1/4/2021	Metal	Antimony	Dissolved	=	103	%	EPA 200.8	-88	-88	85	115	
2020/21-1	Lab	method blank	1/4/2021	Metal	Antimony	Dissolved	<	0.089	µg/L	EPA 200.8	0.089	0.5			
2020/21-1	Lab	LCS	1/4/2021	Metal	Antimony	Dissolved	=	52.4	µg/L	EPA 200.8	0.089	0.5			
2020/21-1	Lab	LCS, rec	1/4/2021	Metal	Antimony	Dissolved	=	105	%	EPA 200.8	-88	-88	85	115	
2020/21-1	Lab	method blank	1/4/2021	Metal	Antimony	Total	<	0.089	µg/L	EPA 200.8	0.089	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	
2020/21-1	Lab	LCS	1/4/2021	Metal	Antimony	Total	=	51.6	µg/L	EPA 200.8	0.089	0.5			
2020/21-1	Lab	LCS, rec	1/4/2021	Metal	Antimony	Total	=	103	%	EPA 200.8	-88	-88	85	115	
2020/21-1	Lab	method blank	1/4/2021	Metal	Antimony	Total	<	0.089	µg/L	EPA 200.8	0.089	0.5			
2020/21-1	Lab	LCS	1/4/2021	Metal	Antimony	Total	=	52.4	µg/L	EPA 200.8	0.089	0.5			
2020/21-1	Lab	LCS, rec	1/4/2021	Metal	Antimony	Total	=	105	%	EPA 200.8	-88	-88	85	115	
2020/21-1	ME-SCR	matrix spike	1/4/2021	Metal	Antimony	Total	=	53.9	µg/L	EPA 200.8	0.089	0.5			
2020/21-1	ME-SCR	matrix spike, rec	1/4/2021	Metal	Antimony	Total	=	107	%	EPA 200.8	-88	-88	70	130	
2020/21-1	ME-SCR	matrix spike dup	1/4/2021	Metal	Antimony	Total	=	53.5	µg/L	EPA 200.8	0.089	0.5			
2020/21-1	ME-SCR	matrix spike dup, rec	1/4/2021	Metal	Antimony	Total	=	106	%	EPA 200.8	-88	-88	70	130	
2020/21-1	ME-SCR	matrix spike, RPD	1/4/2021	Metal	Antimony	Total	=	0.7	%	EPA 200.8	-88	-88	0	30	
2020/21-1	MO-HUE	matrix spike	1/4/2021	Metal	Antimony	Total	=	52.9	µg/L	EPA 200.8	0.089	0.5			
2020/21-1	MO-HUE	matrix spike, rec	1/4/2021	Metal	Antimony	Total	=	103	%	EPA 200.8	-88	-88	70	130	
2020/21-1	MO-HUE	matrix spike dup	1/4/2021	Metal	Antimony	Total	=	53.4	µg/L	EPA 200.8	0.089	0.5			
2020/21-1	MO-HUE	matrix spike dup, rec	1/4/2021	Metal	Antimony	Total	=	104	%	EPA 200.8	-88	-88	70	130	
2020/21-1	MO-HUE	matrix spike, RPD	1/4/2021	Metal	Antimony	Total	=	0.9	%	EPA 200.8	-88	-88	0	30	
2020/21-1	MO-MEI	matrix spike	1/4/2021	Metal	Antimony	Total	=	37.4	µg/L	EPA 200.8	0.089	0.5			
2020/21-1	MO-MEI	matrix spike, rec	1/4/2021	Metal	Antimony	Total	=	73	%	EPA 200.8	-88	-88	70	130	
2020/21-1	MO-MEI	matrix spike dup	1/4/2021	Metal	Antimony	Total	=	38.8	µg/L	EPA 200.8	0.089	0.5			
2020/21-1	MO-MEI	matrix spike dup, rec	1/4/2021	Metal	Antimony	Total	=	76	%	EPA 200.8	-88	-88	70	130	
2020/21-1	MO-MEI	matrix spike, RPD	1/4/2021	Metal	Antimony	Total	=	4	%	EPA 200.8	-88	-88	0	30	
2020/21-1	Lab	method blank	1/4/2021	Metal	Arsenic	Dissolved	<	0.074	µg/L	EPA 200.8	0.074	0.4			
2020/21-1	Lab	LCS	1/4/2021	Metal	Arsenic	Dissolved	=	50.4	µg/L	EPA 200.8	0.074	0.4			
2020/21-1	Lab	LCS, rec	1/4/2021	Metal	Arsenic	Dissolved	=	101	%	EPA 200.8	-88	-88	85	115	
2020/21-1	Lab	method blank	1/4/2021	Metal	Arsenic	Dissolved	<	0.074	µg/L	EPA 200.8	0.074	0.4			
2020/21-1	Lab	LCS	1/4/2021	Metal	Arsenic	Dissolved	=	50.9	µg/L	EPA 200.8	0.074	0.4			
2020/21-1	Lab	LCS, rec	1/4/2021	Metal	Arsenic	Dissolved	=	102	%	EPA 200.8	-88	-88	85	115	
2020/21-1	Lab	method blank	1/4/2021	Metal	Arsenic	Total	<	0.074	µg/L	EPA 200.8	0.074	0.4			
2020/21-1	Lab	LCS	1/4/2021	Metal	Arsenic	Total	=	50.4	µg/L	EPA 200.8	0.074	0.4			
2020/21-1	Lab	LCS, rec	1/4/2021	Metal	Arsenic	Total	=	101	%	EPA 200.8	-88	-88	85	115	
2020/21-1	Lab	method blank	1/4/2021	Metal	Arsenic	Total	<	0.074	µg/L	EPA 200.8	0.074	0.4			
2020/21-1	Lab	LCS	1/4/2021	Metal	Arsenic	Total	=	50.9	µg/L	EPA 200.8	0.074	0.4			
2020/21-1	Lab	LCS, rec	1/4/2021	Metal	Arsenic	Total	=	102	%	EPA 200.8	-88	-88	85	115	
2020/21-1	ME-SCR	matrix spike	1/4/2021	Metal	Arsenic	Total	=	55.7	µg/L	EPA 200.8	0.074	0.4			
2020/21-1	ME-SCR	matrix spike, rec	1/4/2021	Metal	Arsenic	Total	=	103	%	EPA 200.8	-88	-88	70	130	
2020/21-1	ME-SCR	matrix spike dup	1/4/2021	Metal	Arsenic	Total	=	55.1	µg/L	EPA 200.8	0.074	0.4			
2020/21-1	ME-SCR	matrix spike dup, rec	1/4/2021	Metal	Arsenic	Total	=	102	%	EPA 200.8	-88	-88	70	130	
2020/21-1	ME-SCR	matrix spike, RPD	1/4/2021	Metal	Arsenic	Total	=	1	%	EPA 200.8	-88	-88	0	30	
2020/21-1	MO-HUE	matrix spike	1/4/2021	Metal	Arsenic	Total	=	54.8	µg/L	EPA 200.8	0.074	0.4			
2020/21-1	MO-HUE	matrix spike, rec	1/4/2021	Metal	Arsenic	Total	=	105	%	EPA 200.8	-88	-88	70	130	
2020/21-1	MO-HUE	matrix spike dup	1/4/2021	Metal	Arsenic	Total	=	54	µg/L	EPA 200.8	0.074	0.4			
2020/21-1	MO-HUE	matrix spike dup, rec	1/4/2021	Metal	Arsenic	Total	=	104	%	EPA 200.8	-88	-88	70	130	
2020/21-1	MO-HUE	matrix spike, RPD	1/4/2021	Metal	Arsenic	Total	=	1	%	EPA 200.8	-88	-88	0	30	
2020/21-1	MO-MEI	matrix spike	1/4/2021	Metal	Arsenic	Total	=	52.6	µg/L	EPA 200.8	0.074	0.4			
2020/21-1	MO-MEI	matrix spike, rec	1/4/2021	Metal	Arsenic	Total	=	99	%	EPA 200.8	-88	-88	70	130	
2020/21-1	MO-MEI	matrix spike dup	1/4/2021	Metal	Arsenic	Total	=	53.6	µg/L	EPA 200.8	0.074	0.4			
2020/21-1	MO-MEI	matrix spike dup, rec	1/4/2021	Metal	Arsenic	Total	=	101	%	EPA 200.8	-88	-88	70	130	
2020/21-1	MO-MEI	matrix spike, RPD	1/4/2021	Metal	Arsenic	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	
2020/21-1	Lab	method blank	1/4/2021	Metal	Barium	Total	<	0.14	µg/L	EPA 200.8	0.14	1			
2020/21-1	Lab	LCS	1/4/2021	Metal	Barium	Total	=	51.8	µg/L	EPA 200.8	0.14	1			
2020/21-1	Lab	LCS, rec	1/4/2021	Metal	Barium	Total	=	104	%	EPA 200.8	-88	-88	85	115	
2020/21-1	Lab	method blank	1/4/2021	Metal	Barium	Total	<	0.14	µg/L	EPA 200.8	0.14	1			
2020/21-1	Lab	LCS	1/4/2021	Metal	Barium	Total	=	51.5	µg/L	EPA 200.8	0.14	1			
2020/21-1	Lab	LCS, rec	1/4/2021	Metal	Barium	Total	=	103	%	EPA 200.8	-88	-88	85	115	
2020/21-1	ME-SCR	matrix spike	1/4/2021	Metal	Barium	Total	=	96.4	µg/L	EPA 200.8	0.14	1			
2020/21-1	ME-SCR	matrix spike, rec	1/4/2021	Metal	Barium	Total	=	92	%	EPA 200.8	-88	-88	70	130	
2020/21-1	ME-SCR	matrix spike dup	1/4/2021	Metal	Barium	Total	=	95	µg/L	EPA 200.8	0.14	1			
2020/21-1	ME-SCR	matrix spike dup, rec	1/4/2021	Metal	Barium	Total	=	89	%	EPA 200.8	-88	-88	70	130	
2020/21-1	ME-SCR	matrix spike, RPD	1/4/2021	Metal	Barium	Total	=	1	%	EPA 200.8	-88	-88	0	30	
2020/21-1	MO-HUE	matrix spike	1/4/2021	Metal	Barium	Total	=	110	µg/L	EPA 200.8	0.14	1			
2020/21-1	MO-HUE	matrix spike, rec	1/4/2021	Metal	Barium	Total	=	99	%	EPA 200.8	-88	-88	70	130	
2020/21-1	MO-HUE	matrix spike dup	1/4/2021	Metal	Barium	Total	=	112	µg/L	EPA 200.8	0.14	1			
2020/21-1	MO-HUE	matrix spike dup, rec	1/4/2021	Metal	Barium	Total	=	104	%	EPA 200.8	-88	-88	70	130	
2020/21-1	MO-HUE	matrix spike, RPD	1/4/2021	Metal	Barium	Total	=	2	%	EPA 200.8	-88	-88	0	30	
2020/21-1	MO-MEI	matrix spike	1/4/2021	Metal	Barium	Total	=	206	µg/L	EPA 200.8	0.14	1			
2020/21-1	MO-MEI	matrix spike, rec	1/4/2021	Metal	Barium	Total	=	101	%	EPA 200.8	-88	-88	70	130	
2020/21-1	MO-MEI	matrix spike dup	1/4/2021	Metal	Barium	Total	=	205	µg/L	EPA 200.8	0.14	1			
2020/21-1	MO-MEI	matrix spike dup, rec	1/4/2021	Metal	Barium	Total	=	100	%	EPA 200.8	-88	-88	70	130	
2020/21-1	MO-MEI	matrix spike, RPD	1/4/2021	Metal	Barium	Total	=	0.2	%	EPA 200.8	-88	-88	0	30	
2020/21-1	Lab	method blank	1/4/2021	Metal	Beryllium	Dissolved	<	0.062	µg/L	EPA 200.8	0.062	0.1			
2020/21-1	Lab	LCS	1/4/2021	Metal	Beryllium	Dissolved	=	51.6	µg/L	EPA 200.8	0.062	0.1			
2020/21-1	Lab	LCS, rec	1/4/2021	Metal	Beryllium	Dissolved	=	103	%	EPA 200.8	-88	-88	85	115	
2020/21-1	Lab	method blank	1/4/2021	Metal	Beryllium	Dissolved	<	0.062	µg/L	EPA 200.8	0.062	0.1			
2020/21-1	Lab	LCS	1/4/2021	Metal	Beryllium	Dissolved	=	50.8	µg/L	EPA 200.8	0.062	0.1			
2020/21-1	Lab	LCS, rec	1/4/2021	Metal	Beryllium	Dissolved	=	102	%	EPA 200.8	-88	-88	85	115	
2020/21-1	Lab	method blank	1/4/2021	Metal	Beryllium	Total	<	0.062	µg/L	EPA 200.8	0.062	0.1			
2020/21-1	Lab	LCS	1/4/2021	Metal	Beryllium	Total	=	51.6	µg/L	EPA 200.8	0.062	0.1			
2020/21-1	Lab	LCS, rec	1/4/2021	Metal	Beryllium	Total	=	103	%	EPA 200.8	-88	-88	85	115	
2020/21-1	Lab	method blank	1/4/2021	Metal	Beryllium	Total	<	0.062	µg/L	EPA 200.8	0.062	0.1			
2020/21-1	Lab	LCS	1/4/2021	Metal	Beryllium	Total	=	50.8	µg/L	EPA 200.8	0.062	0.1			
2020/21-1	Lab	LCS, rec	1/4/2021	Metal	Beryllium	Total	=	102	%	EPA 200.8	-88	-88	85	115	
2020/21-1	ME-SCR	matrix spike	1/4/2021	Metal	Beryllium	Total	=	55.2	µg/L	EPA 200.8	0.062	0.1			
2020/21-1	ME-SCR	matrix spike, rec	1/4/2021	Metal	Beryllium	Total	=	110	%	EPA 200.8	-88	-88	70	130	
2020/21-1	ME-SCR	matrix spike dup	1/4/2021	Metal	Beryllium	Total	=	53.9	µg/L	EPA 200.8	0.062	0.1			
2020/21-1	ME-SCR	matrix spike dup, rec	1/4/2021	Metal	Beryllium	Total	=	107	%	EPA 200.8	-88	-88	70	130	
2020/21-1	ME-SCR	matrix spike, RPD	1/4/2021	Metal	Beryllium	Total	=	3	%	EPA 200.8	-88	-88	0	30	
2020/21-1	MO-HUE	matrix spike	1/4/2021	Metal	Beryllium	Total	=	57.1	µg/L	EPA 200.8	0.062	0.1			
2020/21-1	MO-HUE	matrix spike, rec	1/4/2021	Metal	Beryllium	Total	=	114	%	EPA 200.8	-88	-88	70	130	
2020/21-1	MO-HUE	matrix spike dup	1/4/2021	Metal	Beryllium	Total	=	55.3	µg/L	EPA 200.8	0.062	0.1			
2020/21-1	MO-HUE	matrix spike dup, rec	1/4/2021	Metal	Beryllium	Total	=	110	%	EPA 200.8	-88	-88	70	130	
2020/21-1	MO-HUE	matrix spike, RPD	1/4/2021	Metal	Beryllium	Total	=	3	%	EPA 200.8	-88	-88	0	30	
2020/21-1	MO-MEI	matrix spike	1/4/2021	Metal	Beryllium	Total	=	53.5	µg/L	EPA 200.8	0.062	0.1			
2020/21-1	MO-MEI	matrix spike, rec	1/4/2021	Metal	Beryllium	Total	=	106	%	EPA 200.8	-88	-88	70	130	
2020/21-1	MO-MEI	matrix spike dup	1/4/2021	Metal	Beryllium	Total	=	54.1	µg/L	EPA 200.8	0.062	0.1			
2020/21-1	MO-MEI	matrix spike dup, rec	1/4/2021	Metal	Beryllium	Total	=	108	%	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	
2020/21-1	MO-MEI	matrix spike, RPD	1/4/2021	Metal	Beryllium	Total	=	1	%	EPA 200.8	-88	-88	0	30	
2020/21-1	Lab	method blank	1/4/2021	Metal	Cadmium	Dissolved	<	0.042	µg/L	EPA 200.8	0.042	0.2			
2020/21-1	Lab	LCS	1/4/2021	Metal	Cadmium	Dissolved	=	51.5	µg/L	EPA 200.8	0.042	0.2			
2020/21-1	Lab	LCS, rec	1/4/2021	Metal	Cadmium	Dissolved	=	103	%	EPA 200.8	-88	-88	85	115	
2020/21-1	Lab	method blank	1/4/2021	Metal	Cadmium	Dissolved	<	0.042	µg/L	EPA 200.8	0.042	0.2			
2020/21-1	Lab	LCS	1/4/2021	Metal	Cadmium	Dissolved	=	52.4	µg/L	EPA 200.8	0.042	0.2			
2020/21-1	Lab	LCS, rec	1/4/2021	Metal	Cadmium	Dissolved	=	105	%	EPA 200.8	-88	-88	85	115	
2020/21-1	Lab	method blank	1/4/2021	Metal	Cadmium	Total	<	0.042	µg/L	EPA 200.8	0.042	0.2			
2020/21-1	Lab	LCS	1/4/2021	Metal	Cadmium	Total	=	51.5	µg/L	EPA 200.8	0.042	0.2			
2020/21-1	Lab	LCS, rec	1/4/2021	Metal	Cadmium	Total	=	103	%	EPA 200.8	-88	-88	85	115	
2020/21-1	Lab	method blank	1/4/2021	Metal	Cadmium	Total	<	0.042	µg/L	EPA 200.8	0.042	0.2			
2020/21-1	Lab	LCS	1/4/2021	Metal	Cadmium	Total	=	52.4	µg/L	EPA 200.8	0.042	0.2			
2020/21-1	Lab	LCS, rec	1/4/2021	Metal	Cadmium	Total	=	105	%	EPA 200.8	-88	-88	85	115	
2020/21-1	ME-SCR	matrix spike	1/4/2021	Metal	Cadmium	Total	=	52.4	µg/L	EPA 200.8	0.042	0.2			
2020/21-1	ME-SCR	matrix spike, rec	1/4/2021	Metal	Cadmium	Total	=	104	%	EPA 200.8	-88	-88	70	130	
2020/21-1	ME-SCR	matrix spike dup	1/4/2021	Metal	Cadmium	Total	=	52.2	µg/L	EPA 200.8	0.042	0.2			
2020/21-1	ME-SCR	matrix spike dup, rec	1/4/2021	Metal	Cadmium	Total	=	104	%	EPA 200.8	-88	-88	70	130	
2020/21-1	ME-SCR	matrix spike, RPD	1/4/2021	Metal	Cadmium	Total	=	0.4	%	EPA 200.8	-88	-88	0	30	
2020/21-1	MO-HUE	matrix spike	1/4/2021	Metal	Cadmium	Total	=	50.2	µg/L	EPA 200.8	0.042	0.2			
2020/21-1	MO-HUE	matrix spike, rec	1/4/2021	Metal	Cadmium	Total	=	100	%	EPA 200.8	-88	-88	70	130	
2020/21-1	MO-HUE	matrix spike dup	1/4/2021	Metal	Cadmium	Total	=	50.6	µg/L	EPA 200.8	0.042	0.2			
2020/21-1	MO-HUE	matrix spike dup, rec	1/4/2021	Metal	Cadmium	Total	=	101	%	EPA 200.8	-88	-88	70	130	
2020/21-1	MO-HUE	matrix spike, RPD	1/4/2021	Metal	Cadmium	Total	=	0.7	%	EPA 200.8	-88	-88	0	30	
2020/21-1	MO-MEI	matrix spike	1/4/2021	Metal	Cadmium	Total	=	51.9	µg/L	EPA 200.8	0.042	0.2			
2020/21-1	MO-MEI	matrix spike, rec	1/4/2021	Metal	Cadmium	Total	=	103	%	EPA 200.8	-88	-88	70	130	
2020/21-1	MO-MEI	matrix spike dup	1/4/2021	Metal	Cadmium	Total	=	52.8	µg/L	EPA 200.8	0.042	0.2			
2020/21-1	MO-MEI	matrix spike dup, rec	1/4/2021	Metal	Cadmium	Total	=	105	%	EPA 200.8	-88	-88	70	130	
2020/21-1	MO-MEI	matrix spike, RPD	1/4/2021	Metal	Cadmium	Total	=	2	%	EPA 200.8	-88	-88	0	30	
2020/21-1	Lab	method blank	1/4/2021	Metal	Chromium	Dissolved	<	0.089	µg/L	EPA 200.8	0.089	0.2			
2020/21-1	Lab	LCS	1/4/2021	Metal	Chromium	Dissolved	=	50.8	µg/L	EPA 200.8	0.089	0.2			
2020/21-1	Lab	LCS, rec	1/4/2021	Metal	Chromium	Dissolved	=	102	%	EPA 200.8	-88	-88	85	115	
2020/21-1	Lab	method blank	1/4/2021	Metal	Chromium	Dissolved	<	0.089	µg/L	EPA 200.8	0.089	0.2			
2020/21-1	Lab	LCS	1/4/2021	Metal	Chromium	Dissolved	=	52.7	µg/L	EPA 200.8	0.089	0.2			
2020/21-1	Lab	LCS, rec	1/4/2021	Metal	Chromium	Dissolved	=	105	%	EPA 200.8	-88	-88	85	115	
2020/21-1	Lab	method blank	1/4/2021	Metal	Chromium	Total	<	0.089	µg/L	EPA 200.8	0.089	0.2			
2020/21-1	Lab	LCS	1/4/2021	Metal	Chromium	Total	=	50.8	µg/L	EPA 200.8	0.089	0.2			
2020/21-1	Lab	LCS, rec	1/4/2021	Metal	Chromium	Total	=	102	%	EPA 200.8	-88	-88	85	115	
2020/21-1	Lab	method blank	1/4/2021	Metal	Chromium	Total	<	0.089	µg/L	EPA 200.8	0.089	0.2			
2020/21-1	Lab	LCS	1/4/2021	Metal	Chromium	Total	=	52.7	µg/L	EPA 200.8	0.089	0.2			
2020/21-1	Lab	LCS, rec	1/4/2021	Metal	Chromium	Total	=	105	%	EPA 200.8	-88	-88	85	115	
2020/21-1	ME-SCR	matrix spike	1/4/2021	Metal	Chromium	Total	=	55.3	µg/L	EPA 200.8	0.089	0.2			
2020/21-1	ME-SCR	matrix spike, rec	1/4/2021	Metal	Chromium	Total	=	88	%	EPA 200.8	-88	-88	70	130	
2020/21-1	ME-SCR	matrix spike dup	1/4/2021	Metal	Chromium	Total	=	55.5	µg/L	EPA 200.8	0.089	0.2			
2020/21-1	ME-SCR	matrix spike dup, rec	1/4/2021	Metal	Chromium	Total	=	89	%	EPA 200.8	-88	-88	70	130	
2020/21-1	ME-SCR	matrix spike, RPD	1/4/2021	Metal	Chromium	Total	=	0.2	%	EPA 200.8	-88	-88	0	30	
2020/21-1	MO-HUE	matrix spike	1/4/2021	Metal	Chromium	Total	=	53.2	µg/L	EPA 200.8	0.089	0.2			
2020/21-1	MO-HUE	matrix spike, rec	1/4/2021	Metal	Chromium	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	
2020/21-1	MO-HUE	matrix spike dup	1/4/2021	Metal	Chromium	Total	=	54	µg/L	EPA 200.8	0.089	0.2			
2020/21-1	MO-HUE	matrix spike dup, rec	1/4/2021	Metal	Chromium	Total	=	101	%	EPA 200.8	-88	-88	70	130	
2020/21-1	MO-HUE	matrix spike, RPD	1/4/2021	Metal	Chromium	Total	=	1	%	EPA 200.8	-88	-88	0	30	
2020/21-1	MO-MEI	matrix spike	1/4/2021	Metal	Chromium	Total	=	70.5	µg/L	EPA 200.8	0.089	0.2			
2020/21-1	MO-MEI	matrix spike, rec	1/4/2021	Metal	Chromium	Total	=	99	%	EPA 200.8	-88	-88	70	130	
2020/21-1	MO-MEI	matrix spike dup	1/4/2021	Metal	Chromium	Total	=	70.7	µg/L	EPA 200.8	0.089	0.2			
2020/21-1	MO-MEI	matrix spike dup, rec	1/4/2021	Metal	Chromium	Total	=	99	%	EPA 200.8	-88	-88	70	130	
2020/21-1	MO-MEI	matrix spike, RPD	1/4/2021	Metal	Chromium	Total	=	0.4	%	EPA 200.8	-88	-88	0	30	
2020/21-1	000NONPJ	matrix spike	12/30/2020	Metal	Chromium VI	n/a	=	5.17	µg/L	EPA 218.6	0.0079	0.02			
2020/21-1	000NONPJ	matrix spike, rec	12/30/2020	Metal	Chromium VI	n/a	=	100	%	EPA 218.6	-88	-88	88	112	
2020/21-1	000NONPJ	matrix spike dup	12/30/2020	Metal	Chromium VI	n/a	=	5.15	µg/L	EPA 218.6	0.0079	0.02			
2020/21-1	000NONPJ	matrix spike dup, rec	12/30/2020	Metal	Chromium VI	n/a	=	99	%	EPA 218.6	-88	-88	88	112	
2020/21-1	000NONPJ	matrix spike, RPD	12/30/2020	Metal	Chromium VI	n/a	=	0.3	%	EPA 218.6	-88	-88	0	10	
2020/21-1	000NONPJ	matrix spike	12/30/2020	Metal	Chromium VI	n/a	=	5.2	µg/L	EPA 218.6	0.0079	0.02			
2020/21-1	000NONPJ	matrix spike, rec	12/30/2020	Metal	Chromium VI	n/a	=	97	%	EPA 218.6	-88	-88	88	112	
2020/21-1	000NONPJ	matrix spike dup	12/30/2020	Metal	Chromium VI	n/a	=	5.29	µg/L	EPA 218.6	0.0079	0.02			
2020/21-1	000NONPJ	matrix spike dup, rec	12/30/2020	Metal	Chromium VI	n/a	=	99	%	EPA 218.6	-88	-88	88	112	
2020/21-1	000NONPJ	matrix spike, RPD	12/30/2020	Metal	Chromium VI	n/a	=	2	%	EPA 218.6	-88	-88	0	10	
2020/21-1	Lab	method blank	12/30/2020	Metal	Chromium VI	n/a	<	0.0079	µg/L	EPA 218.6	0.0079	0.02			
2020/21-1	Lab	LCS	12/30/2020	Metal	Chromium VI	n/a	=	4.87	µg/L	EPA 218.6	0.0079	0.02			
2020/21-1	Lab	LCS, rec	12/30/2020	Metal	Chromium VI	n/a	=	97	%	EPA 218.6	-88	-88	90	110	
2020/21-1	Lab	method blank	1/4/2021	Metal	Copper	Dissolved	<	0.23	µg/L	EPA 200.8	0.23	0.5			
2020/21-1	Lab	LCS	1/4/2021	Metal	Copper	Dissolved	=	52.5	µg/L	EPA 200.8	0.23	0.5			
2020/21-1	Lab	LCS, rec	1/4/2021	Metal	Copper	Dissolved	=	105	%	EPA 200.8	-88	-88	85	115	
2020/21-1	Lab	method blank	1/4/2021	Metal	Copper	Dissolved	<	0.23	µg/L	EPA 200.8	0.23	0.5			
2020/21-1	Lab	LCS	1/4/2021	Metal	Copper	Dissolved	=	55.4	µg/L	EPA 200.8	0.23	0.5			
2020/21-1	Lab	LCS, rec	1/4/2021	Metal	Copper	Dissolved	=	111	%	EPA 200.8	-88	-88	85	115	
2020/21-1	Lab	method blank	1/4/2021	Metal	Copper	Total	<	0.23	µg/L	EPA 200.8	0.23	0.5			
2020/21-1	Lab	LCS	1/4/2021	Metal	Copper	Total	=	52.5	µg/L	EPA 200.8	0.23	0.5			
2020/21-1	Lab	LCS, rec	1/4/2021	Metal	Copper	Total	=	105	%	EPA 200.8	-88	-88	85	115	
2020/21-1	Lab	method blank	1/4/2021	Metal	Copper	Total	<	0.23	µg/L	EPA 200.8	0.23	0.5			
2020/21-1	Lab	LCS	1/4/2021	Metal	Copper	Total	=	55.4	µg/L	EPA 200.8	0.23	0.5			
2020/21-1	Lab	LCS, rec	1/4/2021	Metal	Copper	Total	=	111	%	EPA 200.8	-88	-88	85	115	
2020/21-1	ME-SCR	matrix spike	1/4/2021	Metal	Copper	Total	=	62.1	µg/L	EPA 200.8	0.23	0.5			
2020/21-1	ME-SCR	matrix spike, rec	1/4/2021	Metal	Copper	Total	=	102	%	EPA 200.8	-88	-88	70	130	
2020/21-1	ME-SCR	matrix spike dup	1/4/2021	Metal	Copper	Total	=	62.5	µg/L	EPA 200.8	0.23	0.5			
2020/21-1	ME-SCR	matrix spike dup, rec	1/4/2021	Metal	Copper	Total	=	103	%	EPA 200.8	-88	-88	70	130	
2020/21-1	ME-SCR	matrix spike, RPD	1/4/2021	Metal	Copper	Total	=	0.6	%	EPA 200.8	-88	-88	0	30	
2020/21-1	MO-HUE	matrix spike	1/4/2021	Metal	Copper	Total	=	63.3	µg/L	EPA 200.8	0.23	0.5			
2020/21-1	MO-HUE	matrix spike, rec	1/4/2021	Metal	Copper	Total	=	96	%	EPA 200.8	-88	-88	70	130	
2020/21-1	MO-HUE	matrix spike dup	1/4/2021	Metal	Copper	Total	=	64.5	µg/L	EPA 200.8	0.23	0.5			
2020/21-1	MO-HUE	matrix spike dup, rec	1/4/2021	Metal	Copper	Total	=	99	%	EPA 200.8	-88	-88	70	130	
2020/21-1	MO-HUE	matrix spike, RPD	1/4/2021	Metal	Copper	Total	=	2	%	EPA 200.8	-88	-88	0	30	
2020/21-1	MO-MEI	matrix spike	1/4/2021	Metal	Copper	Total	=	87	µg/L	EPA 200.8	0.23	0.5			
2020/21-1	MO-MEI	matrix spike, rec	1/4/2021	Metal	Copper	Total	=	102	%	EPA 200.8	-88	-88	70	130	
2020/21-1	MO-MEI	matrix spike dup	1/4/2021	Metal	Copper	Total	=	87.6	µg/L	EPA 200.8	0.23	0.5			
2020/21-1	MO-MEI	matrix spike dup, rec	1/4/2021	Metal	Copper	Total	=	103	%	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	
2020/21-1	MO-MEI	matrix spike, RPD	1/4/2021	Metal	Copper	Total	=	0.7	%	EPA 200.8	-88	-88	0	30	
2020/21-1	Lab	method blank	1/4/2021	Metal	Iron	Dissolved	<	3.9	µg/L	EPA 200.8	3.9	20			
2020/21-1	Lab	LCS	1/4/2021	Metal	Iron	Dissolved	=	1070	µg/L	EPA 200.8	3.9	20			
2020/21-1	Lab	LCS, rec	1/4/2021	Metal	Iron	Dissolved	=	102	%	EPA 200.8	-88	-88	85	115	
2020/21-1	Lab	method blank	1/4/2021	Metal	Iron	Dissolved	<	3.9	µg/L	EPA 200.8	3.9	20			
2020/21-1	Lab	LCS	1/4/2021	Metal	Iron	Dissolved	=	1120	µg/L	EPA 200.8	3.9	20			
2020/21-1	Lab	LCS, rec	1/4/2021	Metal	Iron	Dissolved	=	107	%	EPA 200.8	-88	-88	85	115	
2020/21-1	Lab	method blank	1/4/2021	Metal	Iron	Total	<	3.9	µg/L	EPA 200.8	3.9	20			
2020/21-1	Lab	LCS	1/4/2021	Metal	Iron	Total	=	1070	µg/L	EPA 200.8	3.9	20			
2020/21-1	Lab	LCS, rec	1/4/2021	Metal	Iron	Total	=	102	%	EPA 200.8	-88	-88	85	115	
2020/21-1	Lab	method blank	1/4/2021	Metal	Iron	Total	<	3.9	µg/L	EPA 200.8	3.9	20			
2020/21-1	Lab	LCS	1/4/2021	Metal	Iron	Total	=	1120	µg/L	EPA 200.8	3.9	20			
2020/21-1	Lab	LCS, rec	1/4/2021	Metal	Iron	Total	=	107	%	EPA 200.8	-88	-88	85	115	
2020/21-1	ME-SCR	matrix spike	1/4/2021	Metal	Iron	Total	=	2270	µg/L	EPA 200.8	3.9	20			GB
2020/21-1	ME-SCR	matrix spike, rec	1/4/2021	Metal	Iron	Total	=	-239	%	EPA 200.8	-88	-88	70	130	GB
2020/21-1	ME-SCR	matrix spike dup	1/4/2021	Metal	Iron	Total	=	2320	µg/L	EPA 200.8	3.9	20			GB
2020/21-1	ME-SCR	matrix spike dup, rec	1/4/2021	Metal	Iron	Total	=	-23	%	EPA 200.8	-88	-88	70	130	GB
2020/21-1	ME-SCR	matrix spike, RPD	1/4/2021	Metal	Iron	Total	=	2	%	EPA 200.8	-88	-88	0	30	GB
2020/21-1	MO-HUE	matrix spike	1/4/2021	Metal	Iron	Total	=	5080	µg/L	EPA 200.8	3.9	20			
2020/21-1	MO-HUE	matrix spike, rec	1/4/2021	Metal	Iron	Total	=	88	%	EPA 200.8	-88	-88	70	130	
2020/21-1	MO-HUE	matrix spike dup	1/4/2021	Metal	Iron	Total	=	5190	µg/L	EPA 200.8	3.9	20			
2020/21-1	MO-HUE	matrix spike dup, rec	1/4/2021	Metal	Iron	Total	=	98	%	EPA 200.8	-88	-88	70	130	
2020/21-1	MO-HUE	matrix spike, RPD	1/4/2021	Metal	Iron	Total	=	2	%	EPA 200.8	-88	-88	0	30	
2020/21-1	MO-MEI	matrix spike	1/4/2021	Metal	Iron	Total	=	12200	µg/L	EPA 200.8	20	100			GB
2020/21-1	MO-MEI	matrix spike, rec	1/4/2021	Metal	Iron	Total	=	37	%	EPA 200.8	-88	-88	70	130	GB
2020/21-1	MO-MEI	matrix spike dup	1/4/2021	Metal	Iron	Total	=	12400	µg/L	EPA 200.8	20	100			GB
2020/21-1	MO-MEI	matrix spike dup, rec	1/4/2021	Metal	Iron	Total	=	61	%	EPA 200.8	-88	-88	70	130	GB
2020/21-1	MO-MEI	matrix spike, RPD	1/4/2021	Metal	Iron	Total	=	2	%	EPA 200.8	-88	-88	0	30	GB
2020/21-1	Lab	method blank	1/4/2021	Metal	Lead	Dissolved	<	0.083	µg/L	EPA 200.8	0.083	0.2			
2020/21-1	Lab	LCS	1/4/2021	Metal	Lead	Dissolved	=	49.9	µg/L	EPA 200.8	0.083	0.2			
2020/21-1	Lab	LCS, rec	1/4/2021	Metal	Lead	Dissolved	=	100	%	EPA 200.8	-88	-88	85	115	
2020/21-1	Lab	method blank	1/4/2021	Metal	Lead	Dissolved	<	0.083	µg/L	EPA 200.8	0.083	0.2			
2020/21-1	Lab	LCS	1/4/2021	Metal	Lead	Dissolved	=	50.1	µg/L	EPA 200.8	0.083	0.2			
2020/21-1	Lab	LCS, rec	1/4/2021	Metal	Lead	Dissolved	=	100	%	EPA 200.8	-88	-88	85	115	
2020/21-1	Lab	method blank	1/4/2021	Metal	Lead	Total	<	0.083	µg/L	EPA 200.8	0.083	0.2			
2020/21-1	Lab	LCS	1/4/2021	Metal	Lead	Total	=	49.9	µg/L	EPA 200.8	0.083	0.2			
2020/21-1	Lab	LCS, rec	1/4/2021	Metal	Lead	Total	=	100	%	EPA 200.8	-88	-88	85	115	
2020/21-1	Lab	method blank	1/4/2021	Metal	Lead	Total	DNQ	0.139	µg/L	EPA 200.8	0.083	0.2			IP
2020/21-1	Lab	LCS	1/4/2021	Metal	Lead	Total	=	50.1	µg/L	EPA 200.8	0.083	0.2			
2020/21-1	Lab	LCS, rec	1/4/2021	Metal	Lead	Total	=	100	%	EPA 200.8	-88	-88	85	115	
2020/21-1	ME-SCR	matrix spike	1/4/2021	Metal	Lead	Total	=	52.8	µg/L	EPA 200.8	0.083	0.2			
2020/21-1	ME-SCR	matrix spike, rec	1/4/2021	Metal	Lead	Total	=	101	%	EPA 200.8	-88	-88	70	130	
2020/21-1	ME-SCR	matrix spike dup	1/4/2021	Metal	Lead	Total	=	52.6	µg/L	EPA 200.8	0.083	0.2			
2020/21-1	ME-SCR	matrix spike dup, rec	1/4/2021	Metal	Lead	Total	=	101	%	EPA 200.8	-88	-88	70	130	
2020/21-1	ME-SCR	matrix spike, RPD	1/4/2021	Metal	Lead	Total	=	0.4	%	EPA 200.8	-88	-88	0	30	
2020/21-1	MO-HUE	matrix spike	1/4/2021	Metal	Lead	Total	=	55.6	µg/L	EPA 200.8	0.083	0.2			
2020/21-1	MO-HUE	matrix spike, rec	1/4/2021	Metal	Lead	Total	=	103	%	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	
2020/21-1	MO-HUE	matrix spike dup	1/4/2021	Metal	Lead	Total	=	56.1	µg/L	EPA 200.8	0.083	0.2			
2020/21-1	MO-HUE	matrix spike dup, rec	1/4/2021	Metal	Lead	Total	=	104	%	EPA 200.8	-88	-88	70	130	
2020/21-1	MO-HUE	matrix spike, RPD	1/4/2021	Metal	Lead	Total	=	1	%	EPA 200.8	-88	-88	0	30	
2020/21-1	MO-MEI	matrix spike	1/4/2021	Metal	Lead	Total	=	66.4	µg/L	EPA 200.8	0.083	0.2			
2020/21-1	MO-MEI	matrix spike, rec	1/4/2021	Metal	Lead	Total	=	97	%	EPA 200.8	-88	-88	70	130	
2020/21-1	MO-MEI	matrix spike dup	1/4/2021	Metal	Lead	Total	=	67.9	µg/L	EPA 200.8	0.083	0.2			
2020/21-1	MO-MEI	matrix spike dup, rec	1/4/2021	Metal	Lead	Total	=	100	%	EPA 200.8	-88	-88	70	130	
2020/21-1	MO-MEI	matrix spike, RPD	1/4/2021	Metal	Lead	Total	=	2	%	EPA 200.8	-88	-88	0	30	
2020/21-1	Lab	method blank	1/5/2021	Metal	Mercury	Dissolved	DNQ	24.7	ng/L	EPA 245.1	17	50			IP
2020/21-1	Lab	LCS	1/5/2021	Metal	Mercury	Dissolved	=	1070	ng/L	EPA 245.1	17	50			
2020/21-1	Lab	LCS, rec	1/5/2021	Metal	Mercury	Dissolved	=	107	%	EPA 245.1	-88	-88	85	115	
2020/21-1	Lab	method blank	1/7/2021	Metal	Mercury	Dissolved	<	17	ng/L	EPA 245.1	17	50			
2020/21-1	Lab	LCS	1/7/2021	Metal	Mercury	Dissolved	=	1040	ng/L	EPA 245.1	17	50			
2020/21-1	Lab	LCS, rec	1/7/2021	Metal	Mercury	Dissolved	=	104	%	EPA 245.1	-88	-88	85	115	
2020/21-1	000NONPJ	matrix spike	1/7/2021	Metal	Mercury	Total	=	1060	ng/L	EPA 245.1	17	50			
2020/21-1	000NONPJ	matrix spike, rec	1/7/2021	Metal	Mercury	Total	=	104	%	EPA 245.1	-88	-88	70	130	
2020/21-1	000NONPJ	matrix spike dup	1/7/2021	Metal	Mercury	Total	=	1060	ng/L	EPA 245.1	17	50			
2020/21-1	000NONPJ	matrix spike dup, rec	1/7/2021	Metal	Mercury	Total	=	103	%	EPA 245.1	-88	-88	70	130	
2020/21-1	000NONPJ	matrix spike, RPD	1/7/2021	Metal	Mercury	Total	=	0.4	%	EPA 245.1	-88	-88	0	20	
2020/21-1	Lab	method blank	1/5/2021	Metal	Mercury	Total	<	17	ng/L	EPA 245.1	17	50			
2020/21-1	Lab	LCS	1/5/2021	Metal	Mercury	Total	=	1070	ng/L	EPA 245.1	17	50			
2020/21-1	Lab	LCS, rec	1/5/2021	Metal	Mercury	Total	=	107	%	EPA 245.1	-88	-88	85	115	
2020/21-1	Lab	method blank	1/7/2021	Metal	Mercury	Total	<	17	ng/L	EPA 245.1	17	50			
2020/21-1	Lab	LCS	1/7/2021	Metal	Mercury	Total	=	1040	ng/L	EPA 245.1	17	50			
2020/21-1	Lab	LCS, rec	1/7/2021	Metal	Mercury	Total	=	104	%	EPA 245.1	-88	-88	85	115	
2020/21-1	ME-CC	matrix spike	1/5/2021	Metal	Mercury	Total	=	1160	ng/L	EPA 245.1	17	50			
2020/21-1	ME-CC	matrix spike, rec	1/5/2021	Metal	Mercury	Total	=	116	%	EPA 245.1	-88	-88	70	130	
2020/21-1	ME-CC	matrix spike dup	1/5/2021	Metal	Mercury	Total	=	1040	ng/L	EPA 245.1	17	50			
2020/21-1	ME-CC	matrix spike dup, rec	1/5/2021	Metal	Mercury	Total	=	104	%	EPA 245.1	-88	-88	70	130	
2020/21-1	ME-CC	matrix spike, RPD	1/5/2021	Metal	Mercury	Total	=	11	%	EPA 245.1	-88	-88	0	20	
2020/21-1	ME-VR2	matrix spike	1/5/2021	Metal	Mercury	Total	=	1030	ng/L	EPA 245.1	17	50			
2020/21-1	ME-VR2	matrix spike, rec	1/5/2021	Metal	Mercury	Total	=	103	%	EPA 245.1	-88	-88	70	130	
2020/21-1	ME-VR2	matrix spike dup	1/5/2021	Metal	Mercury	Total	=	1050	ng/L	EPA 245.1	17	50			
2020/21-1	ME-VR2	matrix spike dup, rec	1/5/2021	Metal	Mercury	Total	=	105	%	EPA 245.1	-88	-88	70	130	
2020/21-1	ME-VR2	matrix spike, RPD	1/5/2021	Metal	Mercury	Total	=	2	%	EPA 245.1	-88	-88	0	20	
2020/21-1	MO-HUE	matrix spike	1/7/2021	Metal	Mercury	Total	=	978	ng/L	EPA 245.1	17	50			
2020/21-1	MO-HUE	matrix spike, rec	1/7/2021	Metal	Mercury	Total	=	98	%	EPA 245.1	-88	-88	70	130	
2020/21-1	MO-HUE	matrix spike dup	1/7/2021	Metal	Mercury	Total	=	986	ng/L	EPA 245.1	17	50			
2020/21-1	MO-HUE	matrix spike dup, rec	1/7/2021	Metal	Mercury	Total	=	99	%	EPA 245.1	-88	-88	70	130	
2020/21-1	MO-HUE	matrix spike, RPD	1/7/2021	Metal	Mercury	Total	=	0.8	%	EPA 245.1	-88	-88	0	20	
2020/21-1	Lab	method blank	1/4/2021	Metal	Nickel	Dissolved	<	0.16	µg/L	EPA 200.8	0.16	2			
2020/21-1	Lab	LCS	1/4/2021	Metal	Nickel	Dissolved	=	51.4	µg/L	EPA 200.8	0.16	2			
2020/21-1	Lab	LCS, rec	1/4/2021	Metal	Nickel	Dissolved	=	103	%	EPA 200.8	-88	-88	85	115	
2020/21-1	Lab	method blank	1/4/2021	Metal	Nickel	Dissolved	<	0.16	µg/L	EPA 200.8	0.16	2			
2020/21-1	Lab	LCS	1/4/2021	Metal	Nickel	Dissolved	=	54.5	µg/L	EPA 200.8	0.16	2			
2020/21-1	Lab	LCS, rec	1/4/2021	Metal	Nickel	Dissolved	=	109	%	EPA 200.8	-88	-88	85	115	
2020/21-1	Lab	method blank	1/4/2021	Metal	Nickel	Total	<	0.16	µg/L	EPA 200.8	0.16	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	
2020/21-1	Lab	LCS	1/4/2021	Metal	Nickel	Total	=	51.4	µg/L	EPA 200.8	0.16	2			
2020/21-1	Lab	LCS, rec	1/4/2021	Metal	Nickel	Total	=	103	%	EPA 200.8	-88	-88	85	115	
2020/21-1	Lab	method blank	1/4/2021	Metal	Nickel	Total	DNQ	0.205	µg/L	EPA 200.8	0.16	2			IP
2020/21-1	Lab	LCS	1/4/2021	Metal	Nickel	Total	=	54.5	µg/L	EPA 200.8	0.16	2			
2020/21-1	Lab	LCS, rec	1/4/2021	Metal	Nickel	Total	=	109	%	EPA 200.8	-88	-88	85	115	
2020/21-1	ME-SCR	matrix spike	1/4/2021	Metal	Nickel	Total	=	61.8	µg/L	EPA 200.8	0.16	2			
2020/21-1	ME-SCR	matrix spike, rec	1/4/2021	Metal	Nickel	Total	=	97	%	EPA 200.8	-88	-88	70	130	
2020/21-1	ME-SCR	matrix spike dup	1/4/2021	Metal	Nickel	Total	=	61.9	µg/L	EPA 200.8	0.16	2			
2020/21-1	ME-SCR	matrix spike dup, rec	1/4/2021	Metal	Nickel	Total	=	98	%	EPA 200.8	-88	-88	70	130	
2020/21-1	ME-SCR	matrix spike, RPD	1/4/2021	Metal	Nickel	Total	=	0.08	%	EPA 200.8	-88	-88	0	30	
2020/21-1	MO-HUE	matrix spike	1/4/2021	Metal	Nickel	Total	=	54.1	µg/L	EPA 200.8	0.16	2			
2020/21-1	MO-HUE	matrix spike, rec	1/4/2021	Metal	Nickel	Total	=	95	%	EPA 200.8	-88	-88	70	130	
2020/21-1	MO-HUE	matrix spike dup	1/4/2021	Metal	Nickel	Total	=	56	µg/L	EPA 200.8	0.16	2			
2020/21-1	MO-HUE	matrix spike dup, rec	1/4/2021	Metal	Nickel	Total	=	99	%	EPA 200.8	-88	-88	70	130	
2020/21-1	MO-HUE	matrix spike, RPD	1/4/2021	Metal	Nickel	Total	=	4	%	EPA 200.8	-88	-88	0	30	
2020/21-1	MO-MEI	matrix spike	1/4/2021	Metal	Nickel	Total	=	103	µg/L	EPA 200.8	0.16	2			GB
2020/21-1	MO-MEI	matrix spike, rec	1/4/2021	Metal	Nickel	Total	=	143	%	EPA 200.8	-88	-88	70	130	GB
2020/21-1	MO-MEI	matrix spike dup	1/4/2021	Metal	Nickel	Total	=	81.4	µg/L	EPA 200.8	0.16	2			
2020/21-1	MO-MEI	matrix spike dup, rec	1/4/2021	Metal	Nickel	Total	=	101	%	EPA 200.8	-88	-88	70	130	
2020/21-1	MO-MEI	matrix spike, RPD	1/4/2021	Metal	Nickel	Total	=	23	%	EPA 200.8	-88	-88	0	30	
2020/21-1	Lab	method blank	1/4/2021	Metal	Selenium	Dissolved	<	0.067	µg/L	EPA 200.8	0.067	0.4			
2020/21-1	Lab	LCS	1/4/2021	Metal	Selenium	Dissolved	=	49.8	µg/L	EPA 200.8	0.067	0.4			
2020/21-1	Lab	LCS, rec	1/4/2021	Metal	Selenium	Dissolved	=	100	%	EPA 200.8	-88	-88	85	115	
2020/21-1	Lab	method blank	1/4/2021	Metal	Selenium	Dissolved	<	0.067	µg/L	EPA 200.8	0.067	0.4			
2020/21-1	Lab	LCS	1/4/2021	Metal	Selenium	Dissolved	=	50.6	µg/L	EPA 200.8	0.067	0.4			
2020/21-1	Lab	LCS, rec	1/4/2021	Metal	Selenium	Dissolved	=	101	%	EPA 200.8	-88	-88	85	115	
2020/21-1	Lab	method blank	1/4/2021	Metal	Selenium	Total	<	0.067	µg/L	EPA 200.8	0.067	0.4			
2020/21-1	Lab	LCS	1/4/2021	Metal	Selenium	Total	=	49.8	µg/L	EPA 200.8	0.067	0.4			
2020/21-1	Lab	LCS, rec	1/4/2021	Metal	Selenium	Total	=	100	%	EPA 200.8	-88	-88	85	115	
2020/21-1	Lab	method blank	1/4/2021	Metal	Selenium	Total	<	0.067	µg/L	EPA 200.8	0.067	0.4			
2020/21-1	Lab	LCS	1/4/2021	Metal	Selenium	Total	=	50.6	µg/L	EPA 200.8	0.067	0.4			
2020/21-1	Lab	LCS, rec	1/4/2021	Metal	Selenium	Total	=	101	%	EPA 200.8	-88	-88	85	115	
2020/21-1	ME-SCR	matrix spike	1/4/2021	Metal	Selenium	Total	=	51.3	µg/L	EPA 200.8	0.067	0.4			
2020/21-1	ME-SCR	matrix spike, rec	1/4/2021	Metal	Selenium	Total	=	101	%	EPA 200.8	-88	-88	70	130	
2020/21-1	ME-SCR	matrix spike dup	1/4/2021	Metal	Selenium	Total	=	50.9	µg/L	EPA 200.8	0.067	0.4			
2020/21-1	ME-SCR	matrix spike dup, rec	1/4/2021	Metal	Selenium	Total	=	100	%	EPA 200.8	-88	-88	70	130	
2020/21-1	ME-SCR	matrix spike, RPD	1/4/2021	Metal	Selenium	Total	=	0.9	%	EPA 200.8	-88	-88	0	30	
2020/21-1	MO-HUE	matrix spike	1/4/2021	Metal	Selenium	Total	=	48.9	µg/L	EPA 200.8	0.067	0.4			
2020/21-1	MO-HUE	matrix spike, rec	1/4/2021	Metal	Selenium	Total	=	97	%	EPA 200.8	-88	-88	70	130	
2020/21-1	MO-HUE	matrix spike dup	1/4/2021	Metal	Selenium	Total	=	49.9	µg/L	EPA 200.8	0.067	0.4			
2020/21-1	MO-HUE	matrix spike dup, rec	1/4/2021	Metal	Selenium	Total	=	99	%	EPA 200.8	-88	-88	70	130	
2020/21-1	MO-HUE	matrix spike, RPD	1/4/2021	Metal	Selenium	Total	=	2	%	EPA 200.8	-88	-88	0	30	
2020/21-1	MO-MEI	matrix spike	1/4/2021	Metal	Selenium	Total	=	47.2	µg/L	EPA 200.8	0.067	0.4			
2020/21-1	MO-MEI	matrix spike, rec	1/4/2021	Metal	Selenium	Total	=	94	%	EPA 200.8	-88	-88	70	130	
2020/21-1	MO-MEI	matrix spike dup	1/4/2021	Metal	Selenium	Total	=	49.2	µg/L	EPA 200.8	0.067	0.4			
2020/21-1	MO-MEI	matrix spike dup, rec	1/4/2021	Metal	Selenium	Total	=	98	%	EPA 200.8	-88	-88	70	130	
2020/21-1	MO-MEI	matrix spike, RPD	1/4/2021	Metal	Selenium	Total	=	4	%	EPA 200.8	-88	-88	0	30	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2020/21-1	Lab	method blank	1/4/2021	Metal	Silver	Dissolved	<	0.03	µg/L	EPA 200.8	0.03	0.2			
2020/21-1	Lab	LCS	1/4/2021	Metal	Silver	Dissolved	=	53	µg/L	EPA 200.8	0.03	0.2			
2020/21-1	Lab	LCS, rec	1/4/2021	Metal	Silver	Dissolved	=	106	%	EPA 200.8	-88	-88	85	115	
2020/21-1	Lab	method blank	1/4/2021	Metal	Silver	Dissolved	<	0.03	µg/L	EPA 200.8	0.03	0.2			
2020/21-1	Lab	LCS	1/4/2021	Metal	Silver	Dissolved	=	54.4	µg/L	EPA 200.8	0.03	0.2			
2020/21-1	Lab	LCS, rec	1/4/2021	Metal	Silver	Dissolved	=	109	%	EPA 200.8	-88	-88	85	115	
2020/21-1	Lab	method blank	1/4/2021	Metal	Silver	Total	<	0.03	µg/L	EPA 200.8	0.03	0.2			
2020/21-1	Lab	LCS	1/4/2021	Metal	Silver	Total	=	53	µg/L	EPA 200.8	0.03	0.2			
2020/21-1	Lab	LCS, rec	1/4/2021	Metal	Silver	Total	=	106	%	EPA 200.8	-88	-88	85	115	
2020/21-1	Lab	method blank	1/4/2021	Metal	Silver	Total	<	0.03	µg/L	EPA 200.8	0.03	0.2			
2020/21-1	Lab	LCS	1/4/2021	Metal	Silver	Total	=	54.4	µg/L	EPA 200.8	0.03	0.2			
2020/21-1	Lab	LCS, rec	1/4/2021	Metal	Silver	Total	=	109	%	EPA 200.8	-88	-88	85	115	
2020/21-1	ME-SCR	matrix spike	1/4/2021	Metal	Silver	Total	=	52.9	µg/L	EPA 200.8	0.03	0.2			
2020/21-1	ME-SCR	matrix spike, rec	1/4/2021	Metal	Silver	Total	=	106	%	EPA 200.8	-88	-88	70	130	
2020/21-1	ME-SCR	matrix spike dup	1/4/2021	Metal	Silver	Total	=	52.3	µg/L	EPA 200.8	0.03	0.2			
2020/21-1	ME-SCR	matrix spike dup, rec	1/4/2021	Metal	Silver	Total	=	105	%	EPA 200.8	-88	-88	70	130	
2020/21-1	ME-SCR	matrix spike, RPD	1/4/2021	Metal	Silver	Total	=	1	%	EPA 200.8	-88	-88	0	30	
2020/21-1	MO-HUE	matrix spike	1/4/2021	Metal	Silver	Total	=	50.1	µg/L	EPA 200.8	0.03	0.2			
2020/21-1	MO-HUE	matrix spike, rec	1/4/2021	Metal	Silver	Total	=	100	%	EPA 200.8	-88	-88	70	130	
2020/21-1	MO-HUE	matrix spike dup	1/4/2021	Metal	Silver	Total	=	50.4	µg/L	EPA 200.8	0.03	0.2			
2020/21-1	MO-HUE	matrix spike dup, rec	1/4/2021	Metal	Silver	Total	=	101	%	EPA 200.8	-88	-88	70	130	
2020/21-1	MO-HUE	matrix spike, RPD	1/4/2021	Metal	Silver	Total	=	0.6	%	EPA 200.8	-88	-88	0	30	
2020/21-1	MO-MEI	matrix spike	1/4/2021	Metal	Silver	Total	=	51.6	µg/L	EPA 200.8	0.03	0.2			
2020/21-1	MO-MEI	matrix spike, rec	1/4/2021	Metal	Silver	Total	=	103	%	EPA 200.8	-88	-88	70	130	
2020/21-1	MO-MEI	matrix spike dup	1/4/2021	Metal	Silver	Total	=	53.5	µg/L	EPA 200.8	0.03	0.2			
2020/21-1	MO-MEI	matrix spike dup, rec	1/4/2021	Metal	Silver	Total	=	107	%	EPA 200.8	-88	-88	70	130	
2020/21-1	MO-MEI	matrix spike, RPD	1/4/2021	Metal	Silver	Total	=	4	%	EPA 200.8	-88	-88	0	30	
2020/21-1	Lab	method blank	1/4/2021	Metal	Thallium	Dissolved	<	0.021	µg/L	EPA 200.8	0.021	0.2			
2020/21-1	Lab	LCS	1/4/2021	Metal	Thallium	Dissolved	=	50.1	µg/L	EPA 200.8	0.021	0.2			
2020/21-1	Lab	LCS, rec	1/4/2021	Metal	Thallium	Dissolved	=	100	%	EPA 200.8	-88	-88	85	115	
2020/21-1	Lab	method blank	1/4/2021	Metal	Thallium	Dissolved	<	0.021	µg/L	EPA 200.8	0.021	0.2			
2020/21-1	Lab	LCS	1/4/2021	Metal	Thallium	Dissolved	=	50.6	µg/L	EPA 200.8	0.021	0.2			
2020/21-1	Lab	LCS, rec	1/4/2021	Metal	Thallium	Dissolved	=	101	%	EPA 200.8	-88	-88	85	115	
2020/21-1	Lab	method blank	1/4/2021	Metal	Thallium	Total	<	0.021	µg/L	EPA 200.8	0.021	0.2			
2020/21-1	Lab	LCS	1/4/2021	Metal	Thallium	Total	=	50.1	µg/L	EPA 200.8	0.021	0.2			
2020/21-1	Lab	LCS, rec	1/4/2021	Metal	Thallium	Total	=	100	%	EPA 200.8	-88	-88	85	115	
2020/21-1	Lab	method blank	1/4/2021	Metal	Thallium	Total	<	0.021	µg/L	EPA 200.8	0.021	0.2			
2020/21-1	Lab	LCS	1/4/2021	Metal	Thallium	Total	=	50.6	µg/L	EPA 200.8	0.021	0.2			
2020/21-1	Lab	LCS, rec	1/4/2021	Metal	Thallium	Total	=	101	%	EPA 200.8	-88	-88	85	115	
2020/21-1	ME-SCR	matrix spike	1/4/2021	Metal	Thallium	Total	=	52.1	µg/L	EPA 200.8	0.021	0.2			
2020/21-1	ME-SCR	matrix spike, rec	1/4/2021	Metal	Thallium	Total	=	104	%	EPA 200.8	-88	-88	70	130	
2020/21-1	ME-SCR	matrix spike dup	1/4/2021	Metal	Thallium	Total	=	51.4	µg/L	EPA 200.8	0.021	0.2			
2020/21-1	ME-SCR	matrix spike dup, rec	1/4/2021	Metal	Thallium	Total	=	103	%	EPA 200.8	-88	-88	70	130	
2020/21-1	ME-SCR	matrix spike, RPD	1/4/2021	Metal	Thallium	Total	=	1	%	EPA 200.8	-88	-88	0	30	
2020/21-1	MO-HUE	matrix spike	1/4/2021	Metal	Thallium	Total	=	52.2	µg/L	EPA 200.8	0.021	0.2			
2020/21-1	MO-HUE	matrix spike, rec	1/4/2021	Metal	Thallium	Total	=	104	%	EPA 200.8	-88	-88	70	130	
2020/21-1	MO-HUE	matrix spike dup	1/4/2021	Metal	Thallium	Total	=	52.6	µg/L	EPA 200.8	0.021	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	
2020/21-1	MO-HUE	matrix spike dup, rec	1/4/2021	Metal	Thallium	Total	=	105	%	EPA 200.8	-88	-88	70	130	
2020/21-1	MO-HUE	matrix spike, RPD	1/4/2021	Metal	Thallium	Total	=	0.8	%	EPA 200.8	-88	-88	0	30	
2020/21-1	MO-MEI	matrix spike	1/4/2021	Metal	Thallium	Total	=	49.4	µg/L	EPA 200.8	0.021	0.2			
2020/21-1	MO-MEI	matrix spike, rec	1/4/2021	Metal	Thallium	Total	=	99	%	EPA 200.8	-88	-88	70	130	
2020/21-1	MO-MEI	matrix spike dup	1/4/2021	Metal	Thallium	Total	=	50.7	µg/L	EPA 200.8	0.021	0.2			
2020/21-1	MO-MEI	matrix spike dup, rec	1/4/2021	Metal	Thallium	Total	=	101	%	EPA 200.8	-88	-88	70	130	
2020/21-1	MO-MEI	matrix spike, RPD	1/4/2021	Metal	Thallium	Total	=	3	%	EPA 200.8	-88	-88	0	30	
2020/21-1	Lab	method blank	1/4/2021	Metal	Zinc	Dissolved	<	0.8	µg/L	EPA 200.8	0.8	10			
2020/21-1	Lab	LCS	1/4/2021	Metal	Zinc	Dissolved	=	50.7	µg/L	EPA 200.8	0.8	10			
2020/21-1	Lab	LCS, rec	1/4/2021	Metal	Zinc	Dissolved	=	101	%	EPA 200.8	-88	-88	85	115	
2020/21-1	Lab	method blank	1/4/2021	Metal	Zinc	Dissolved	DNQ	0.902	µg/L	EPA 200.8	0.8	10			IP
2020/21-1	Lab	LCS	1/4/2021	Metal	Zinc	Dissolved	=	50.8	µg/L	EPA 200.8	0.8	10			
2020/21-1	Lab	LCS, rec	1/4/2021	Metal	Zinc	Dissolved	=	102	%	EPA 200.8	-88	-88	85	115	
2020/21-1	Lab	method blank	1/4/2021	Metal	Zinc	Total	<	0.8	µg/L	EPA 200.8	0.8	10			
2020/21-1	Lab	LCS	1/4/2021	Metal	Zinc	Total	=	50.7	µg/L	EPA 200.8	0.8	10			
2020/21-1	Lab	LCS, rec	1/4/2021	Metal	Zinc	Total	=	101	%	EPA 200.8	-88	-88	85	115	
2020/21-1	Lab	method blank	1/4/2021	Metal	Zinc	Total	<	0.8	µg/L	EPA 200.8	0.8	10			
2020/21-1	Lab	LCS	1/4/2021	Metal	Zinc	Total	=	50.8	µg/L	EPA 200.8	0.8	10			
2020/21-1	Lab	LCS, rec	1/4/2021	Metal	Zinc	Total	=	102	%	EPA 200.8	-88	-88	85	115	
2020/21-1	ME-SCR	matrix spike	1/4/2021	Metal	Zinc	Total	=	82.3	µg/L	EPA 200.8	0.8	10			
2020/21-1	ME-SCR	matrix spike, rec	1/4/2021	Metal	Zinc	Total	=	82	%	EPA 200.8	-88	-88	70	130	
2020/21-1	ME-SCR	matrix spike dup	1/4/2021	Metal	Zinc	Total	=	81.1	µg/L	EPA 200.8	0.8	10			
2020/21-1	ME-SCR	matrix spike dup, rec	1/4/2021	Metal	Zinc	Total	=	80	%	EPA 200.8	-88	-88	70	130	
2020/21-1	ME-SCR	matrix spike, RPD	1/4/2021	Metal	Zinc	Total	=	1	%	EPA 200.8	-88	-88	0	30	
2020/21-1	MO-HUE	matrix spike	1/4/2021	Metal	Zinc	Total	=	157	µg/L	EPA 200.8	0.8	10			
2020/21-1	MO-HUE	matrix spike, rec	1/4/2021	Metal	Zinc	Total	=	87	%	EPA 200.8	-88	-88	70	130	
2020/21-1	MO-HUE	matrix spike dup	1/4/2021	Metal	Zinc	Total	=	158	µg/L	EPA 200.8	0.8	10			
2020/21-1	MO-HUE	matrix spike dup, rec	1/4/2021	Metal	Zinc	Total	=	90	%	EPA 200.8	-88	-88	70	130	
2020/21-1	MO-HUE	matrix spike, RPD	1/4/2021	Metal	Zinc	Total	=	0.8	%	EPA 200.8	-88	-88	0	30	
2020/21-1	MO-MEI	matrix spike	1/4/2021	Metal	Zinc	Total	=	257	µg/L	EPA 200.8	0.8	10			
2020/21-1	MO-MEI	matrix spike, rec	1/4/2021	Metal	Zinc	Total	=	85	%	EPA 200.8	-88	-88	70	130	
2020/21-1	MO-MEI	matrix spike dup	1/4/2021	Metal	Zinc	Total	=	260	µg/L	EPA 200.8	0.8	10			
2020/21-1	MO-MEI	matrix spike dup, rec	1/4/2021	Metal	Zinc	Total	=	91	%	EPA 200.8	-88	-88	70	130	
2020/21-1	MO-MEI	matrix spike, RPD	1/4/2021	Metal	Zinc	Total	=	1	%	EPA 200.8	-88	-88	0	30	
2020/21-1	Lab	method blank	12/29/2020	Nutrient	Ammonia as N	n/a	<	0.047	mg/L	EPA 350.1	0.047	0.1			
2020/21-1	Lab	LCS	12/29/2020	Nutrient	Ammonia as N	n/a	=	0.238	mg/L	EPA 350.1	0.047	0.1			
2020/21-1	Lab	LCS, rec	12/29/2020	Nutrient	Ammonia as N	n/a	=	95	%	EPA 350.1	-88	-88	90	110	
2020/21-1	Lab	method blank	12/29/2020	Nutrient	Ammonia as N	n/a	<	0.047	mg/L	EPA 350.1	0.047	0.1			
2020/21-1	Lab	LCS	12/29/2020	Nutrient	Ammonia as N	n/a	=	0.239	mg/L	EPA 350.1	0.047	0.1			
2020/21-1	Lab	LCS, rec	12/29/2020	Nutrient	Ammonia as N	n/a	=	96	%	EPA 350.1	-88	-88	90	110	
2020/21-1	ME-CC	matrix spike	12/29/2020	Nutrient	Ammonia as N	n/a	=	0.323	mg/L	EPA 350.1	0.047	0.1			
2020/21-1	ME-CC	matrix spike, rec	12/29/2020	Nutrient	Ammonia as N	n/a	=	106	%	EPA 350.1	-88	-88	90	110	
2020/21-1	ME-CC	matrix spike dup	12/29/2020	Nutrient	Ammonia as N	n/a	=	0.323	mg/L	EPA 350.1	0.047	0.1			
2020/21-1	ME-CC	matrix spike dup, rec	12/29/2020	Nutrient	Ammonia as N	n/a	=	106	%	EPA 350.1	-88	-88	90	110	
2020/21-1	ME-CC	matrix spike, RPD	12/29/2020	Nutrient	Ammonia as N	n/a	=	0.1	%	EPA 350.1	-88	-88	0	15	
2020/21-1	ME-VR2	matrix spike	12/29/2020	Nutrient	Ammonia as N	n/a	=	0.274	mg/L	EPA 350.1	0.047	0.1			
2020/21-1	ME-VR2	matrix spike, rec	12/29/2020	Nutrient	Ammonia as N	n/a	=	110	%	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	
2020/21-1	ME-VR2	matrix spike dup	12/29/2020	Nutrient	Ammonia as N	n/a	=	0.276	mg/L	EPA 350.1	0.047	0.1			
2020/21-1	ME-VR2	matrix spike dup, rec	12/29/2020	Nutrient	Ammonia as N	n/a	=	110	%	EPA 350.1	-88	-88	90	110	
2020/21-1	ME-VR2	matrix spike, RPD	12/29/2020	Nutrient	Ammonia as N	n/a	=	0.5	%	EPA 350.1	-88	-88	0	15	
2020/21-1	000NONPJ	matrix spike	12/29/2020	Nutrient	Nitrate + Nitrite as N	n/a	=	8.63	mg/L	EPA 353.2	0.036	0.2			
2020/21-1	000NONPJ	matrix spike, rec	12/29/2020	Nutrient	Nitrate + Nitrite as N	n/a	=	101	%	EPA 353.2	-88	-88	90	110	
2020/21-1	000NONPJ	matrix spike dup	12/29/2020	Nutrient	Nitrate + Nitrite as N	n/a	=	8.61	mg/L	EPA 353.2	0.036	0.2			
2020/21-1	000NONPJ	matrix spike dup, rec	12/29/2020	Nutrient	Nitrate + Nitrite as N	n/a	=	100	%	EPA 353.2	-88	-88	90	110	
2020/21-1	000NONPJ	matrix spike, RPD	12/29/2020	Nutrient	Nitrate + Nitrite as N	n/a	=	0.2	%	EPA 353.2	-88	-88	0	20	
2020/21-1	000NONPJ	matrix spike	12/29/2020	Nutrient	Nitrate + Nitrite as N	n/a	=	8.86	mg/L	EPA 353.2	0.036	0.2			
2020/21-1	000NONPJ	matrix spike, rec	12/29/2020	Nutrient	Nitrate + Nitrite as N	n/a	=	102	%	EPA 353.2	-88	-88	90	110	
2020/21-1	000NONPJ	matrix spike dup	12/29/2020	Nutrient	Nitrate + Nitrite as N	n/a	=	8.86	mg/L	EPA 353.2	0.036	0.2			
2020/21-1	000NONPJ	matrix spike dup, rec	12/29/2020	Nutrient	Nitrate + Nitrite as N	n/a	=	102	%	EPA 353.2	-88	-88	90	110	
2020/21-1	000NONPJ	matrix spike, RPD	12/29/2020	Nutrient	Nitrate + Nitrite as N	n/a	=	0	%	EPA 353.2	-88	-88	0	20	
2020/21-1	Lab	LCS	12/29/2020	Nutrient	Nitrate + Nitrite as N	n/a	=	1.05	mg/L	EPA 353.2	0.036	0.2			
2020/21-1	Lab	LCS, rec	12/29/2020	Nutrient	Nitrate + Nitrite as N	n/a	=	105	%	EPA 353.2	-88	-88	90	110	
2020/21-1	Lab	method blank	12/29/2020	Nutrient	Nitrate + Nitrite as N	n/a	<	0.036	mg/L	EPA 353.2	0.036	0.2			
2020/21-1	000NONPJ	matrix spike	12/29/2020	Nutrient	Nitrate as N	n/a	=	8.63	mg/L	EPA 353.2	0.04	0.2			
2020/21-1	000NONPJ	matrix spike, rec	12/29/2020	Nutrient	Nitrate as N	n/a	=	102	%	EPA 353.2	-88	-88	90	110	
2020/21-1	000NONPJ	matrix spike dup	12/29/2020	Nutrient	Nitrate as N	n/a	=	8.61	mg/L	EPA 353.2	0.04	0.2			
2020/21-1	000NONPJ	matrix spike dup, rec	12/29/2020	Nutrient	Nitrate as N	n/a	=	101	%	EPA 353.2	-88	-88	90	110	
2020/21-1	000NONPJ	matrix spike, RPD	12/29/2020	Nutrient	Nitrate as N	n/a	=	0.2	%	EPA 353.2	-88	-88	0	20	
2020/21-1	000NONPJ	matrix spike	12/29/2020	Nutrient	Nitrate as N	n/a	=	8.86	mg/L	EPA 353.2	0.04	0.2			
2020/21-1	000NONPJ	matrix spike, rec	12/29/2020	Nutrient	Nitrate as N	n/a	=	102	%	EPA 353.2	-88	-88	90	110	
2020/21-1	000NONPJ	matrix spike dup	12/29/2020	Nutrient	Nitrate as N	n/a	=	8.86	mg/L	EPA 353.2	0.04	0.2			
2020/21-1	000NONPJ	matrix spike dup, rec	12/29/2020	Nutrient	Nitrate as N	n/a	=	102	%	EPA 353.2	-88	-88	90	110	
2020/21-1	000NONPJ	matrix spike, RPD	12/29/2020	Nutrient	Nitrate as N	n/a	=	0	%	EPA 353.2	-88	-88	0	20	
2020/21-1	Lab	LCS	12/29/2020	Nutrient	Nitrate as N	n/a	=	1.05	mg/L	EPA 353.2	0.04	0.2			
2020/21-1	Lab	LCS, rec	12/29/2020	Nutrient	Nitrate as N	n/a	=	105	%	EPA 353.2	-88	-88	90	110	
2020/21-1	Lab	method blank	12/29/2020	Nutrient	Nitrate as N	n/a	<	0.04	mg/L	EPA 353.2	0.04	0.2			
2020/21-1	Lab	method blank	1/2/2021	Nutrient	Phosphorus as P	Dissolved	<	0.012	mg/L	EPA 200.7	0.012	0.02			
2020/21-1	Lab	LCS	1/2/2021	Nutrient	Phosphorus as P	Dissolved	=	1.03	mg/L	EPA 200.7	0.012	0.02			
2020/21-1	Lab	LCS, rec	1/2/2021	Nutrient	Phosphorus as P	Dissolved	=	103	%	EPA 200.7	-88	-88	85	115	
2020/21-1	Lab	method blank	1/2/2021	Nutrient	Phosphorus as P	Dissolved	<	0.012	mg/L	EPA 200.7	0.012	0.02			
2020/21-1	Lab	LCS	1/2/2021	Nutrient	Phosphorus as P	Dissolved	=	1.06	mg/L	EPA 200.7	0.012	0.02			
2020/21-1	Lab	LCS, rec	1/2/2021	Nutrient	Phosphorus as P	Dissolved	=	106	%	EPA 200.7	-88	-88	85	115	
2020/21-1	Lab	method blank	1/5/2021	Nutrient	Phosphorus as P	Dissolved	<	0.012	mg/L	EPA 200.7	0.012	0.02			
2020/21-1	Lab	LCS	1/5/2021	Nutrient	Phosphorus as P	Dissolved	=	0.997	mg/L	EPA 200.7	0.012	0.02			
2020/21-1	Lab	LCS, rec	1/5/2021	Nutrient	Phosphorus as P	Dissolved	=	100	%	EPA 200.7	-88	-88	85	115	
2020/21-1	Lab	method blank	1/2/2021	Nutrient	Phosphorus as P	Total	<	0.012	mg/L	EPA 200.7	0.012	0.02			
2020/21-1	Lab	LCS	1/2/2021	Nutrient	Phosphorus as P	Total	=	1.03	mg/L	EPA 200.7	0.012	0.02			
2020/21-1	Lab	LCS, rec	1/2/2021	Nutrient	Phosphorus as P	Total	=	103	%	EPA 200.7	-88	-88	85	115	
2020/21-1	Lab	method blank	1/2/2021	Nutrient	Phosphorus as P	Total	<	0.012	mg/L	EPA 200.7	0.012	0.02			
2020/21-1	Lab	LCS	1/2/2021	Nutrient	Phosphorus as P	Total	=	1.06	mg/L	EPA 200.7	0.012	0.02			
2020/21-1	Lab	LCS, rec	1/2/2021	Nutrient	Phosphorus as P	Total	=	106	%	EPA 200.7	-88	-88	85	115	
2020/21-1	Lab	method blank	1/5/2021	Nutrient	Phosphorus as P	Total	<	0.012	mg/L	EPA 200.7	0.012	0.02			
2020/21-1	Lab	LCS	1/5/2021	Nutrient	Phosphorus as P	Total	=	0.997	mg/L	EPA 200.7	0.012	0.02			
2020/21-1	Lab	LCS, rec	1/5/2021	Nutrient	Phosphorus as P	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	
2020/21-1	ME-CC	matrix spike	1/2/2021	Nutrient	Phosphorus as P	Total	=	1.11	mg/L	EPA 200.7	0.012	0.02			
2020/21-1	ME-CC	matrix spike, rec	1/2/2021	Nutrient	Phosphorus as P	Total	=	106	%	EPA 200.7	-88	-88	70	130	
2020/21-1	ME-CC	matrix spike dup	1/2/2021	Nutrient	Phosphorus as P	Total	=	1.1	mg/L	EPA 200.7	0.012	0.02			
2020/21-1	ME-CC	matrix spike dup, rec	1/2/2021	Nutrient	Phosphorus as P	Total	=	105	%	EPA 200.7	-88	-88	70	130	
2020/21-1	ME-CC	matrix spike, RPD	1/2/2021	Nutrient	Phosphorus as P	Total	=	0.7	%	EPA 200.7	-88	-88	0	30	
2020/21-1	MO-OJA	matrix spike	1/2/2021	Nutrient	Phosphorus as P	Total	=	2.75	mg/L	EPA 200.7	0.012	0.02			
2020/21-1	MO-OJA	matrix spike, rec	1/2/2021	Nutrient	Phosphorus as P	Total	=	115	%	EPA 200.7	-88	-88	70	130	
2020/21-1	MO-OJA	matrix spike dup	1/2/2021	Nutrient	Phosphorus as P	Total	=	2.73	mg/L	EPA 200.7	0.012	0.02			
2020/21-1	MO-OJA	matrix spike dup, rec	1/2/2021	Nutrient	Phosphorus as P	Total	=	113	%	EPA 200.7	-88	-88	70	130	
2020/21-1	MO-OJA	matrix spike, RPD	1/2/2021	Nutrient	Phosphorus as P	Total	=	0.7	%	EPA 200.7	-88	-88	0	30	
2020/21-1	MO-SIM	matrix spike	1/5/2021	Nutrient	Phosphorus as P	Total	=	2.26	mg/L	EPA 200.7	0.012	0.02			
2020/21-1	MO-SIM	matrix spike, rec	1/5/2021	Nutrient	Phosphorus as P	Total	=	104	%	EPA 200.7	-88	-88	70	130	
2020/21-1	MO-SIM	matrix spike dup	1/5/2021	Nutrient	Phosphorus as P	Total	=	2.27	mg/L	EPA 200.7	0.012	0.02			
2020/21-1	MO-SIM	matrix spike dup, rec	1/5/2021	Nutrient	Phosphorus as P	Total	=	105	%	EPA 200.7	-88	-88	70	130	
2020/21-1	MO-SIM	matrix spike, RPD	1/5/2021	Nutrient	Phosphorus as P	Total	=	0.5	%	EPA 200.7	-88	-88	0	30	
2020/21-1	000NONPJ	matrix spike	12/31/2020	Nutrient	TKN	n/a	=	1.17	mg/L	EPA 351.2	0.065	0.1			
2020/21-1	000NONPJ	matrix spike, rec	12/31/2020	Nutrient	TKN	n/a	=	95	%	EPA 351.2	-88	-88	90	110	
2020/21-1	000NONPJ	matrix spike dup	12/31/2020	Nutrient	TKN	n/a	=	1.19	mg/L	EPA 351.2	0.065	0.1			
2020/21-1	000NONPJ	matrix spike dup, rec	12/31/2020	Nutrient	TKN	n/a	=	97	%	EPA 351.2	-88	-88	90	110	
2020/21-1	000NONPJ	matrix spike, RPD	12/31/2020	Nutrient	TKN	n/a	=	1	%	EPA 351.2	-88	-88	0	10	
2020/21-1	000NONPJ	matrix spike	12/31/2020	Nutrient	TKN	n/a	=	1.18	mg/L	EPA 351.2	0.065	0.1			
2020/21-1	000NONPJ	matrix spike, rec	12/31/2020	Nutrient	TKN	n/a	=	99	%	EPA 351.2	-88	-88	90	110	
2020/21-1	000NONPJ	matrix spike dup	12/31/2020	Nutrient	TKN	n/a	=	1.19	mg/L	EPA 351.2	0.065	0.1			
2020/21-1	000NONPJ	matrix spike dup, rec	12/31/2020	Nutrient	TKN	n/a	=	100	%	EPA 351.2	-88	-88	90	110	
2020/21-1	000NONPJ	matrix spike, RPD	12/31/2020	Nutrient	TKN	n/a	=	0.9	%	EPA 351.2	-88	-88	0	10	
2020/21-1	Lab	method blank	12/31/2020	Nutrient	TKN	n/a	<	0.065	mg/L	EPA 351.2	0.065	0.1			
2020/21-1	Lab	LCS	12/31/2020	Nutrient	TKN	n/a	=	0.906	mg/L	EPA 351.2	0.065	0.1			
2020/21-1	Lab	LCS, rec	12/31/2020	Nutrient	TKN	n/a	=	91	%	EPA 351.2	-88	-88	90	110	
2020/21-1	Lab	method blank	12/31/2020	Nutrient	TKN	n/a	<	0.065	mg/L	EPA 351.2	0.065	0.1			
2020/21-1	Lab	LCS	12/31/2020	Nutrient	TKN	n/a	=	0.944	mg/L	EPA 351.2	0.065	0.1			
2020/21-1	Lab	LCS, rec	12/31/2020	Nutrient	TKN	n/a	=	94	%	EPA 351.2	-88	-88	90	110	
2020/21-1	Lab	LCS	1/7/2021	Organic	1,2,4-Trichlorobenzene	n/a	=	7.25	µg/L	EPA 625.1	0.49	1			
2020/21-1	Lab	LCS, rec	1/7/2021	Organic	1,2,4-Trichlorobenzene	n/a	=	72	%	EPA 625.1	-88	-88	57	130	
2020/21-1	Lab	LCS dup	1/7/2021	Organic	1,2,4-Trichlorobenzene	n/a	=	8.3	µg/L	EPA 625.1	0.49	1			
2020/21-1	Lab	LCS dup, rec	1/7/2021	Organic	1,2,4-Trichlorobenzene	n/a	=	83	%	EPA 625.1	-88	-88	57	130	
2020/21-1	Lab	LCS, RPD	1/7/2021	Organic	1,2,4-Trichlorobenzene	n/a	=	14	%	EPA 625.1	-88	-88	0	30	
2020/21-1	Lab	method blank	1/7/2021	Organic	1,2,4-Trichlorobenzene	n/a	<	0.49	µg/L	EPA 625.1	0.49	1			
2020/21-1	Lab	LCS	2/2/2021	Organic	1,2,4-Trichlorobenzene	n/a	=	7.71	µg/L	EPA 625.1	0.49	1			
2020/21-1	Lab	LCS, rec	2/2/2021	Organic	1,2,4-Trichlorobenzene	n/a	=	77	%	EPA 625.1	-88	-88	57	130	
2020/21-1	Lab	LCS dup	2/2/2021	Organic	1,2,4-Trichlorobenzene	n/a	=	8.89	µg/L	EPA 625.1	0.49	1			
2020/21-1	Lab	LCS dup, rec	2/2/2021	Organic	1,2,4-Trichlorobenzene	n/a	=	89	%	EPA 625.1	-88	-88	57	130	
2020/21-1	Lab	LCS, RPD	2/2/2021	Organic	1,2,4-Trichlorobenzene	n/a	=	14	%	EPA 625.1	-88	-88	0	30	
2020/21-1	Lab	method blank	2/2/2021	Organic	1,2,4-Trichlorobenzene	n/a	<	0.49	µg/L	EPA 625.1	0.49	1			
2020/21-1	Lab	LCS	1/7/2021	Organic	1,2-Dichlorobenzene	n/a	=	6.63	µg/L	EPA 625.1	0.46	1			
2020/21-1	Lab	LCS, rec	1/7/2021	Organic	1,2-Dichlorobenzene	n/a	=	66	%	EPA 625.1	-88	-88	57	120	
2020/21-1	Lab	LCS dup	1/7/2021	Organic	1,2-Dichlorobenzene	n/a	=	7.76	µg/L	EPA 625.1	0.46	1			
2020/21-1	Lab	LCS dup, rec	1/7/2021	Organic	1,2-Dichlorobenzene	n/a	=	78	%	EPA 625.1	-88	-88	57	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	
2020/21-1	Lab	LCS, RPD	1/7/2021	Organic	1,2-Dichlorobenzene	n/a	=	16	%	EPA 625.1	-88	-88	0	30	
2020/21-1	Lab	method blank	1/7/2021	Organic	1,2-Dichlorobenzene	n/a	<	0.46	µg/L	EPA 625.1	0.46	1			
2020/21-1	Lab	LCS	2/2/2021	Organic	1,2-Dichlorobenzene	n/a	=	7.08	µg/L	EPA 625.1	0.46	1			
2020/21-1	Lab	LCS, rec	2/2/2021	Organic	1,2-Dichlorobenzene	n/a	=	71	%	EPA 625.1	-88	-88	57	120	
2020/21-1	Lab	LCS dup	2/2/2021	Organic	1,2-Dichlorobenzene	n/a	=	8.28	µg/L	EPA 625.1	0.46	1			
2020/21-1	Lab	LCS dup, rec	2/2/2021	Organic	1,2-Dichlorobenzene	n/a	=	83	%	EPA 625.1	-88	-88	57	120	
2020/21-1	Lab	LCS, RPD	2/2/2021	Organic	1,2-Dichlorobenzene	n/a	=	16	%	EPA 625.1	-88	-88	0	30	
2020/21-1	Lab	method blank	2/2/2021	Organic	1,2-Dichlorobenzene	n/a	<	0.46	µg/L	EPA 625.1	0.46	1			
2020/21-1	Lab	srqt LCS	12/29/2020	Organic	1,2-Dichloroethane-d4	n/a	=	49	µg/L	EPA 624.1	-88	-88			
2020/21-1	Lab	srqt LCS, rec	12/29/2020	Organic	1,2-Dichloroethane-d4	n/a	=	98	%	EPA 624.1	-88	-88	82	125	
2020/21-1	Lab	srqt LCS dup	12/29/2020	Organic	1,2-Dichloroethane-d4	n/a	=	49.8	µg/L	EPA 624.1	-88	-88			
2020/21-1	Lab	srqt LCS dup, rec	12/29/2020	Organic	1,2-Dichloroethane-d4	n/a	=	100	%	EPA 624.1	-88	-88	82	125	
2020/21-1	Lab	srqt method blank	12/29/2020	Organic	1,2-Dichloroethane-d4	n/a	=	51.5	µg/L	EPA 624.1	-88	-88			
2020/21-1	Lab	srqt method blank, rec	12/29/2020	Organic	1,2-Dichloroethane-d4	n/a	=	103	%	EPA 624.1	-88	-88	82	125	
2020/21-1	Lab	srqt LCS	12/30/2020	Organic	1,2-Dichloroethane-d4	n/a	=	49.2	µg/L	EPA 624.1	-88	-88			
2020/21-1	Lab	srqt LCS, rec	12/30/2020	Organic	1,2-Dichloroethane-d4	n/a	=	98	%	EPA 624.1	-88	-88	82	125	
2020/21-1	Lab	srqt LCS dup	12/30/2020	Organic	1,2-Dichloroethane-d4	n/a	=	48.4	µg/L	EPA 624.1	-88	-88			
2020/21-1	Lab	srqt LCS dup, rec	12/30/2020	Organic	1,2-Dichloroethane-d4	n/a	=	97	%	EPA 624.1	-88	-88	82	125	
2020/21-1	Lab	srqt method blank	12/30/2020	Organic	1,2-Dichloroethane-d4	n/a	=	54.7	µg/L	EPA 624.1	-88	-88			
2020/21-1	Lab	srqt method blank, rec	12/30/2020	Organic	1,2-Dichloroethane-d4	n/a	=	109	%	EPA 624.1	-88	-88	82	125	
2020/21-1	ME-CC	srqt environ	12/29/2020	Organic	1,2-Dichloroethane-d4	n/a	=	51.9	µg/L	EPA 624.1	-88	-88			
2020/21-1	ME-CC	srqt environ, rec	12/29/2020	Organic	1,2-Dichloroethane-d4	n/a	=	104	%	EPA 624.1	-88	-88	82	125	
2020/21-1	ME-SCR	srqt environ	12/29/2020	Organic	1,2-Dichloroethane-d4	n/a	=	53.9	µg/L	EPA 624.1	-88	-88			
2020/21-1	ME-SCR	srqt environ, rec	12/29/2020	Organic	1,2-Dichloroethane-d4	n/a	=	108	%	EPA 624.1	-88	-88	82	125	
2020/21-1	ME-VR2	srqt environ	12/29/2020	Organic	1,2-Dichloroethane-d4	n/a	=	54.4	µg/L	EPA 624.1	-88	-88			
2020/21-1	ME-VR2	srqt environ, rec	12/29/2020	Organic	1,2-Dichloroethane-d4	n/a	=	109	%	EPA 624.1	-88	-88	82	125	
2020/21-1	MO-CAM	srqt environ	12/29/2020	Organic	1,2-Dichloroethane-d4	n/a	=	55	µg/L	EPA 624.1	-88	-88			
2020/21-1	MO-CAM	srqt environ, rec	12/29/2020	Organic	1,2-Dichloroethane-d4	n/a	=	110	%	EPA 624.1	-88	-88	82	125	
2020/21-1	MO-FIL	srqt environ	12/30/2020	Organic	1,2-Dichloroethane-d4	n/a	=	54.5	µg/L	EPA 624.1	-88	-88			
2020/21-1	MO-FIL	srqt environ, rec	12/30/2020	Organic	1,2-Dichloroethane-d4	n/a	=	109	%	EPA 624.1	-88	-88	82	125	
2020/21-1	MO-HUE	srqt field duplicate	12/29/2020	Organic	1,2-Dichloroethane-d4	n/a	=	55.4	µg/L	EPA 624.1	-88	-88			
2020/21-1	MO-HUE	srqt field duplicate, rec	12/29/2020	Organic	1,2-Dichloroethane-d4	n/a	=	111	%	EPA 624.1	-88	-88	82	125	
2020/21-1	MO-HUE	srqt environ	12/30/2020	Organic	1,2-Dichloroethane-d4	n/a	=	56.8	µg/L	EPA 624.1	-88	-88			
2020/21-1	MO-HUE	srqt environ, rec	12/30/2020	Organic	1,2-Dichloroethane-d4	n/a	=	114	%	EPA 624.1	-88	-88	82	125	
2020/21-1	MO-HUE	srqt field blank	12/30/2020	Organic	1,2-Dichloroethane-d4	n/a	=	57.1	µg/L	EPA 624.1	-88	-88			
2020/21-1	MO-HUE	srqt field blank, rec	12/30/2020	Organic	1,2-Dichloroethane-d4	n/a	=	114	%	EPA 624.1	-88	-88	82	125	
2020/21-1	MO-MEI	srqt environ	12/29/2020	Organic	1,2-Dichloroethane-d4	n/a	=	56.1	µg/L	EPA 624.1	-88	-88			
2020/21-1	MO-MEI	srqt environ, rec	12/29/2020	Organic	1,2-Dichloroethane-d4	n/a	=	112	%	EPA 624.1	-88	-88	82	125	
2020/21-1	MO-MPK	srqt environ	12/30/2020	Organic	1,2-Dichloroethane-d4	n/a	=	56.7	µg/L	EPA 624.1	-88	-88			
2020/21-1	MO-MPK	srqt environ, rec	12/30/2020	Organic	1,2-Dichloroethane-d4	n/a	=	113	%	EPA 624.1	-88	-88	82	125	
2020/21-1	MO-OJA	srqt environ	12/29/2020	Organic	1,2-Dichloroethane-d4	n/a	=	54.1	µg/L	EPA 624.1	-88	-88			
2020/21-1	MO-OJA	srqt environ, rec	12/29/2020	Organic	1,2-Dichloroethane-d4	n/a	=	108	%	EPA 624.1	-88	-88	82	125	
2020/21-1	MO-oxn	srqt environ	12/29/2020	Organic	1,2-Dichloroethane-d4	n/a	=	54.6	µg/L	EPA 624.1	-88	-88			
2020/21-1	MO-oxn	srqt environ, rec	12/29/2020	Organic	1,2-Dichloroethane-d4	n/a	=	109	%	EPA 624.1	-88	-88	82	125	
2020/21-1	MO-SIM	srqt environ	12/30/2020	Organic	1,2-Dichloroethane-d4	n/a	=	55.2	µg/L	EPA 624.1	-88	-88			
2020/21-1	MO-SIM	srqt environ, rec	12/30/2020	Organic	1,2-Dichloroethane-d4	n/a	=	110	%	EPA 624.1	-88	-88	82	125	
2020/21-1	MO-SPA	srqt environ	12/29/2020	Organic	1,2-Dichloroethane-d4	n/a	=	56.2	µg/L	EPA 624.1	-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	
2020/21-1	MO-SPA	srgt environ, rec	12/29/2020	Organic	1,2-Dichloroethane-d4	n/a	=	112	%	EPA 624.1	-88	-88	82	125	
2020/21-1	MO-THO	srgt environ	12/30/2020	Organic	1,2-Dichloroethane-d4	n/a	=	55.9	µg/L	EPA 624.1	-88	-88			
2020/21-1	MO-THO	srgt environ, rec	12/30/2020	Organic	1,2-Dichloroethane-d4	n/a	=	112	%	EPA 624.1	-88	-88	82	125	
2020/21-1	MO-VEN	srgt environ	12/29/2020	Organic	1,2-Dichloroethane-d4	n/a	=	55.5	µg/L	EPA 624.1	-88	-88			
2020/21-1	MO-VEN	srgt environ, rec	12/29/2020	Organic	1,2-Dichloroethane-d4	n/a	=	111	%	EPA 624.1	-88	-88	82	125	
2020/21-1	Lab	method blank	1/7/2021	Organic	1,2-Diphenylhydrazine	n/a	<	0.3	µg/L	EPA 625.1	0.3	1			
2020/21-1	Lab	method blank	2/2/2021	Organic	1,2-Diphenylhydrazine	n/a	<	0.3	µg/L	EPA 625.1	0.3	1			
2020/21-1	Lab	LCS	1/7/2021	Organic	1,3-Dichlorobenzene	n/a	=	6.78	µg/L	EPA 625.1	0.42	1			
2020/21-1	Lab	LCS, rec	1/7/2021	Organic	1,3-Dichlorobenzene	n/a	=	68	%	EPA 625.1	-88	-88	55	120	
2020/21-1	Lab	LCS dup	1/7/2021	Organic	1,3-Dichlorobenzene	n/a	=	8.03	µg/L	EPA 625.1	0.42	1			
2020/21-1	Lab	LCS dup, rec	1/7/2021	Organic	1,3-Dichlorobenzene	n/a	=	80	%	EPA 625.1	-88	-88	55	120	
2020/21-1	Lab	LCS, RPD	1/7/2021	Organic	1,3-Dichlorobenzene	n/a	=	17	%	EPA 625.1	-88	-88	0	30	
2020/21-1	Lab	method blank	1/7/2021	Organic	1,3-Dichlorobenzene	n/a	<	0.42	µg/L	EPA 625.1	0.42	1			
2020/21-1	Lab	LCS	2/2/2021	Organic	1,3-Dichlorobenzene	n/a	=	7.21	µg/L	EPA 625.1	0.42	1			
2020/21-1	Lab	LCS, rec	2/2/2021	Organic	1,3-Dichlorobenzene	n/a	=	72	%	EPA 625.1	-88	-88	55	120	
2020/21-1	Lab	LCS dup	2/2/2021	Organic	1,3-Dichlorobenzene	n/a	=	8.39	µg/L	EPA 625.1	0.42	1			
2020/21-1	Lab	LCS dup, rec	2/2/2021	Organic	1,3-Dichlorobenzene	n/a	=	84	%	EPA 625.1	-88	-88	55	120	
2020/21-1	Lab	LCS, RPD	2/2/2021	Organic	1,3-Dichlorobenzene	n/a	=	15	%	EPA 625.1	-88	-88	0	30	
2020/21-1	Lab	method blank	2/2/2021	Organic	1,3-Dichlorobenzene	n/a	<	0.42	µg/L	EPA 625.1	0.42	1			
2020/21-1	Lab	srgt LCS	1/15/2021	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	4.97	µg/L	EPA 525.2	-88	-88			
2020/21-1	Lab	srgt LCS, rec	1/15/2021	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	99	%	EPA 525.2	-88	-88	70	130	
2020/21-1	Lab	srgt LCS dup	1/15/2021	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	4.95	µg/L	EPA 525.2	-88	-88			
2020/21-1	Lab	srgt LCS dup, rec	1/15/2021	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	99	%	EPA 525.2	-88	-88	70	130	
2020/21-1	Lab	srgt method blank	1/15/2021	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	5.15	µg/L	EPA 525.2	-88	-88			
2020/21-1	Lab	srgt method blank, rec	1/15/2021	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	103	%	EPA 525.2	-88	-88	70	130	
2020/21-1	Lab	srgt method blank	1/19/2021	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.394	µg/L	EPA 625.1m	-88	-88			
2020/21-1	Lab	srgt method blank, rec	1/19/2021	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	79	%	EPA 625.1m	-88	-88	78	125	
2020/21-1	Lab	srgt LCS	1/19/2021	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.434	µg/L	EPA 625.1m	-88	-88			
2020/21-1	Lab	srgt LCS, rec	1/19/2021	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	87	%	EPA 625.1m	-88	-88	78	125	
2020/21-1	Lab	srgt LCS dup	1/19/2021	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.371	µg/L	EPA 625.1m	-88	-88			GN
2020/21-1	Lab	srgt LCS dup, rec	1/19/2021	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	74	%	EPA 625.1m	-88	-88	78	125	GN
2020/21-1	Lab	srgt method blank	1/21/2021	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	5.16	µg/L	EPA 525.2	-88	-88			
2020/21-1	Lab	srgt method blank, rec	1/21/2021	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	103	%	EPA 525.2	-88	-88	70	130	
2020/21-1	Lab	srgt LCS	1/21/2021	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	4.67	µg/L	EPA 525.2	-88	-88			
2020/21-1	Lab	srgt LCS, rec	1/21/2021	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	93	%	EPA 525.2	-88	-88	70	130	
2020/21-1	Lab	srgt LCS dup	1/21/2021	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	5.08	µg/L	EPA 525.2	-88	-88			
2020/21-1	Lab	srgt LCS dup, rec	1/21/2021	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	102	%	EPA 525.2	-88	-88	70	130	
2020/21-1	Lab	srgt method blank	1/30/2021	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.417	µg/L	EPA 625.1m	-88	-88			
2020/21-1	Lab	srgt method blank, rec	1/30/2021	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	83	%	EPA 625.1m	-88	-88	78	125	
2020/21-1	Lab	srgt LCS	1/30/2021	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.487	µg/L	EPA 625.1m	-88	-88			
2020/21-1	Lab	srgt LCS, rec	1/30/2021	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	97	%	EPA 625.1m	-88	-88	78	125	
2020/21-1	Lab	srgt LCS dup	1/30/2021	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.388	µg/L	EPA 625.1m	-88	-88			
2020/21-1	Lab	srgt LCS dup, rec	1/30/2021	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	78	%	EPA 625.1m	-88	-88	78	125	
2020/21-1	ME-CC	srgt environ	1/16/2021	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	4.82	µg/L	EPA 525.2	-88	-88			
2020/21-1	ME-CC	srgt environ, rec	1/16/2021	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	94	%	EPA 525.2	-88	-88	70	130	
2020/21-1	ME-CC	srgt environ	1/20/2021	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.356	µg/L	EPA 625.1m	-88	-88			GN
2020/21-1	ME-CC	srgt environ, rec	1/20/2021	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	71	%	EPA 625.1m	-88	-88	78	125	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	
2020/21-1	ME-SCR	srgt environ	1/16/2021	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	109	µg/L	EPA 525.2	-88	-88			
2020/21-1	ME-SCR	srgt environ, rec	1/16/2021	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	103	%	EPA 525.2	-88	-88	70	130	
2020/21-1	ME-SCR	srgt environ	1/20/2021	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	21.9	µg/L	EPA 625.1m	-88	-88			
2020/21-1	ME-SCR	srgt environ, rec	1/20/2021	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	88	%	EPA 625.1m	-88	-88	78	125	
2020/21-1	ME-VR2	srgt matrix spike	1/15/2021	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	3.28	µg/L	EPA 525.2	-88	-88			GN
2020/21-1	ME-VR2	srgt matrix spike, rec	1/15/2021	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	66	%	EPA 525.2	-88	-88	70	130	GN
2020/21-1	ME-VR2	srgt matrix spike dup	1/15/2021	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	4.97	µg/L	EPA 525.2	-88	-88			
2020/21-1	ME-VR2	srgt matrix spike dup, rec	1/15/2021	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	99	%	EPA 525.2	-88	-88	70	130	
2020/21-1	ME-VR2	srgt environ	1/16/2021	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	4.88	µg/L	EPA 525.2	-88	-88			
2020/21-1	ME-VR2	srgt environ, rec	1/16/2021	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	98	%	EPA 525.2	-88	-88	70	130	
2020/21-1	ME-VR2	srgt environ	1/30/2021	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.163	µg/L	EPA 625.1m	-88	-88			GN
2020/21-1	ME-VR2	srgt environ, rec	1/30/2021	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	13	%	EPA 625.1m	-88	-88	78	125	GN
2020/21-1	MO-CAM	srgt environ	1/16/2021	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	98.2	µg/L	EPA 525.2	-88	-88			
2020/21-1	MO-CAM	srgt environ, rec	1/16/2021	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	98	%	EPA 525.2	-88	-88	70	130	
2020/21-1	MO-CAM	srgt environ	1/20/2021	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	15.5	µg/L	EPA 625.1m	-88	-88			GN
2020/21-1	MO-CAM	srgt environ, rec	1/20/2021	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	62	%	EPA 625.1m	-88	-88	78	125	GN
2020/21-1	MO-FIL	srgt environ	1/16/2021	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	257	µg/L	EPA 525.2	-88	-88			
2020/21-1	MO-FIL	srgt environ, rec	1/16/2021	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	103	%	EPA 525.2	-88	-88	70	130	
2020/21-1	MO-FIL	srgt environ	1/20/2021	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	1.76	µg/L	EPA 625.1m	-88	-88			GN
2020/21-1	MO-FIL	srgt environ, rec	1/20/2021	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	70	%	EPA 625.1m	-88	-88	78	125	GN
2020/21-1	MO-HUE	srgt environ	1/20/2021	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	1.81	µg/L	EPA 625.1m	-88	-88			GN
2020/21-1	MO-HUE	srgt environ, rec	1/20/2021	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	72	%	EPA 625.1m	-88	-88	78	125	GN
2020/21-1	MO-HUE	srgt environ	1/22/2021	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	57.2	µg/L	EPA 525.2	-88	-88			
2020/21-1	MO-HUE	srgt environ, rec	1/22/2021	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	114	%	EPA 525.2	-88	-88	70	130	
2020/21-1	MO-MEI	srgt environ	1/16/2021	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	241	µg/L	EPA 525.2	-88	-88			
2020/21-1	MO-MEI	srgt environ, rec	1/16/2021	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	97	%	EPA 525.2	-88	-88	70	130	
2020/21-1	MO-MEI	srgt environ	1/20/2021	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	22.8	µg/L	EPA 625.1m	-88	-88			
2020/21-1	MO-MEI	srgt environ, rec	1/20/2021	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	91	%	EPA 625.1m	-88	-88	78	125	
2020/21-1	MO-MPK	srgt environ	1/20/2021	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	19	µg/L	EPA 625.1m	-88	-88			GN
2020/21-1	MO-MPK	srgt environ, rec	1/20/2021	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	76	%	EPA 625.1m	-88	-88	78	125	GN
2020/21-1	MO-MPK	srgt environ	1/22/2021	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	99.8	µg/L	EPA 525.2	-88	-88			
2020/21-1	MO-MPK	srgt environ, rec	1/22/2021	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	100	%	EPA 525.2	-88	-88	70	130	
2020/21-1	MO-OJA	srgt environ	1/16/2021	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	97.4	µg/L	EPA 525.2	-88	-88			
2020/21-1	MO-OJA	srgt environ, rec	1/16/2021	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	97	%	EPA 525.2	-88	-88	70	130	
2020/21-1	MO-OJA	srgt environ	1/20/2021	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	18.7	µg/L	EPA 625.1m	-88	-88			GN
2020/21-1	MO-OJA	srgt environ, rec	1/20/2021	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	75	%	EPA 625.1m	-88	-88	78	125	GN
2020/21-1	MO-OXN	srgt environ	1/20/2021	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	17.7	µg/L	EPA 625.1m	-88	-88			GN
2020/21-1	MO-OXN	srgt environ, rec	1/20/2021	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	71	%	EPA 625.1m	-88	-88	78	125	GN
2020/21-1	MO-OXN	srgt environ	1/22/2021	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	105	µg/L	EPA 525.2	-88	-88			
2020/21-1	MO-OXN	srgt environ, rec	1/22/2021	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	105	%	EPA 525.2	-88	-88	70	130	
2020/21-1	MO-SIM	srgt environ	1/20/2021	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	21.5	µg/L	EPA 625.1m	-88	-88			
2020/21-1	MO-SIM	srgt environ, rec	1/20/2021	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	86	%	EPA 625.1m	-88	-88	78	125	
2020/21-1	MO-SIM	srgt environ	1/22/2021	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	105	µg/L	EPA 525.2	-88	-88			
2020/21-1	MO-SIM	srgt environ, rec	1/22/2021	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	105	%	EPA 525.2	-88	-88	70	130	
2020/21-1	MO-SPA	srgt environ	1/16/2021	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	239	µg/L	EPA 525.2	-88	-88			
2020/21-1	MO-SPA	srgt environ, rec	1/16/2021	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	96	%	EPA 525.2	-88	-88	70	130	
2020/21-1	MO-SPA	srgt environ	1/20/2021	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	23.7	µg/L	EPA 625.1m	-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	
2020/21-1	MO-SPA	srgt environ, rec	1/20/2021	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	95	%	EPA 625.1m	-88	-88	78	125	
2020/21-1	MO-THO	srgt environ	1/20/2021	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	18.1	µg/L	EPA 625.1m	-88	-88			GN
2020/21-1	MO-THO	srgt environ, rec	1/20/2021	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	72	%	EPA 625.1m	-88	-88	78	125	GN
2020/21-1	MO-THO	srgt environ	1/22/2021	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	106	µg/L	EPA 525.2	-88	-88			
2020/21-1	MO-THO	srgt environ, rec	1/22/2021	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	106	%	EPA 525.2	-88	-88	70	130	
2020/21-1	MO-VEN	srgt environ	1/16/2021	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	253	µg/L	EPA 525.2	-88	-88			
2020/21-1	MO-VEN	srgt environ, rec	1/16/2021	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	101	%	EPA 525.2	-88	-88	70	130	
2020/21-1	MO-VEN	srgt environ	1/20/2021	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	21.9	µg/L	EPA 625.1m	-88	-88			
2020/21-1	MO-VEN	srgt environ, rec	1/20/2021	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	88	%	EPA 625.1m	-88	-88	78	125	
2020/21-1	Lab	LCS	1/7/2021	Organic	1,4-Dichlorobenzene	n/a	=	6.7	µg/L	EPA 625.1	0.48	1			
2020/21-1	Lab	LCS, rec	1/7/2021	Organic	1,4-Dichlorobenzene	n/a	=	67	%	EPA 625.1	-88	-88	55	120	
2020/21-1	Lab	LCS dup	1/7/2021	Organic	1,4-Dichlorobenzene	n/a	=	7.86	µg/L	EPA 625.1	0.48	1			
2020/21-1	Lab	LCS dup, rec	1/7/2021	Organic	1,4-Dichlorobenzene	n/a	=	79	%	EPA 625.1	-88	-88	55	120	
2020/21-1	Lab	LCS, RPD	1/7/2021	Organic	1,4-Dichlorobenzene	n/a	=	16	%	EPA 625.1	-88	-88	0	30	
2020/21-1	Lab	method blank	1/7/2021	Organic	1,4-Dichlorobenzene	n/a	<	0.48	µg/L	EPA 625.1	0.48	1			
2020/21-1	Lab	LCS	2/2/2021	Organic	1,4-Dichlorobenzene	n/a	=	6.92	µg/L	EPA 625.1	0.48	1			
2020/21-1	Lab	LCS, rec	2/2/2021	Organic	1,4-Dichlorobenzene	n/a	=	69	%	EPA 625.1	-88	-88	55	120	
2020/21-1	Lab	LCS dup	2/2/2021	Organic	1,4-Dichlorobenzene	n/a	=	8.14	µg/L	EPA 625.1	0.48	1			
2020/21-1	Lab	LCS dup, rec	2/2/2021	Organic	1,4-Dichlorobenzene	n/a	=	81	%	EPA 625.1	-88	-88	55	120	
2020/21-1	Lab	LCS, RPD	2/2/2021	Organic	1,4-Dichlorobenzene	n/a	=	16	%	EPA 625.1	-88	-88	0	30	
2020/21-1	Lab	method blank	2/2/2021	Organic	1,4-Dichlorobenzene	n/a	<	0.48	µg/L	EPA 625.1	0.48	1			
2020/21-1	Lab	method blank	1/30/2021	Organic	1-Methylnaphthalene	n/a	<	0.024	µg/L	EPA 8270C	0.024	0.1			
2020/21-1	Lab	method blank	2/1/2021	Organic	2,4,5-Trichlorophenol	n/a	<	0.29	µg/L	EPA 8270C	0.29	1			
2020/21-1	Lab	srgt LCS	1/7/2021	Organic	2,4,6-Tribromophenol	n/a	=	8.23	µg/L	EPA 625.1	-88	-88			
2020/21-1	Lab	srgt LCS, rec	1/7/2021	Organic	2,4,6-Tribromophenol	n/a	=	82	%	EPA 625.1	-88	-88	25	120	
2020/21-1	Lab	srgt LCS dup	1/7/2021	Organic	2,4,6-Tribromophenol	n/a	=	8.57	µg/L	EPA 625.1	-88	-88			
2020/21-1	Lab	srgt LCS dup, rec	1/7/2021	Organic	2,4,6-Tribromophenol	n/a	=	86	%	EPA 625.1	-88	-88	25	120	
2020/21-1	Lab	srgt method blank	1/7/2021	Organic	2,4,6-Tribromophenol	n/a	=	7.31	µg/L	EPA 625.1	-88	-88			
2020/21-1	Lab	srgt method blank, rec	1/7/2021	Organic	2,4,6-Tribromophenol	n/a	=	73	%	EPA 625.1	-88	-88	25	120	
2020/21-1	Lab	srgt method blank	2/1/2021	Organic	2,4,6-Tribromophenol	n/a	=	5.46	µg/L	EPA 8270C	-88	-88			
2020/21-1	Lab	srgt method blank, rec	2/1/2021	Organic	2,4,6-Tribromophenol	n/a	=	55	%	EPA 8270C	-88	-88	26	117	
2020/21-1	Lab	srgt LCS	2/1/2021	Organic	2,4,6-Tribromophenol	n/a	=	7.29	µg/L	EPA 8270C	-88	-88			
2020/21-1	Lab	srgt LCS, rec	2/1/2021	Organic	2,4,6-Tribromophenol	n/a	=	73	%	EPA 8270C	-88	-88	26	117	
2020/21-1	Lab	srgt LCS dup	2/1/2021	Organic	2,4,6-Tribromophenol	n/a	=	7.68	µg/L	EPA 8270C	-88	-88			
2020/21-1	Lab	srgt LCS dup, rec	2/1/2021	Organic	2,4,6-Tribromophenol	n/a	=	77	%	EPA 8270C	-88	-88	26	117	
2020/21-1	Lab	srgt LCS	2/2/2021	Organic	2,4,6-Tribromophenol	n/a	=	7.27	µg/L	EPA 625.1	-88	-88			
2020/21-1	Lab	srgt LCS, rec	2/2/2021	Organic	2,4,6-Tribromophenol	n/a	=	73	%	EPA 625.1	-88	-88	25	120	
2020/21-1	Lab	srgt LCS dup	2/2/2021	Organic	2,4,6-Tribromophenol	n/a	=	8.5	µg/L	EPA 625.1	-88	-88			
2020/21-1	Lab	srgt LCS dup, rec	2/2/2021	Organic	2,4,6-Tribromophenol	n/a	=	85	%	EPA 625.1	-88	-88	25	120	
2020/21-1	Lab	srgt method blank	2/2/2021	Organic	2,4,6-Tribromophenol	n/a	=	6	µg/L	EPA 625.1	-88	-88			
2020/21-1	Lab	srgt method blank, rec	2/2/2021	Organic	2,4,6-Tribromophenol	n/a	=	60	%	EPA 625.1	-88	-88	25	120	
2020/21-1	ME-CC	srgt environ	2/1/2021	Organic	2,4,6-Tribromophenol	n/a	=	7.53	µg/L	EPA 8270C	-88	-88			
2020/21-1	ME-CC	srgt environ, rec	2/1/2021	Organic	2,4,6-Tribromophenol	n/a	=	75	%	EPA 8270C	-88	-88	26	117	
2020/21-1	ME-CC	srgt environ	2/2/2021	Organic	2,4,6-Tribromophenol	n/a	=	7.54	µg/L	EPA 625.1	-88	-88			
2020/21-1	ME-CC	srgt environ, rec	2/2/2021	Organic	2,4,6-Tribromophenol	n/a	=	75	%	EPA 625.1	-88	-88	25	120	
2020/21-1	ME-SCR	srgt environ	2/2/2021	Organic	2,4,6-Tribromophenol	n/a	=	71.8	µg/L	EPA 8270C	-88	-88			
2020/21-1	ME-SCR	srgt environ, rec	2/2/2021	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	
2020/21-1	ME-SCR	srgt environ	2/2/2021	Organic	2,4,6-Tribromophenol	n/a	=	79.3	µg/L	EPA 625.1	-88	-88			
2020/21-1	ME-SCR	srgt environ, rec	2/2/2021	Organic	2,4,6-Tribromophenol	n/a	=	79	%	EPA 625.1	-88	-88	25	120	
2020/21-1	ME-VR2	srgt environ	2/2/2021	Organic	2,4,6-Tribromophenol	n/a	=	8.02	µg/L	EPA 8270C	-88	-88			
2020/21-1	ME-VR2	srgt environ, rec	2/2/2021	Organic	2,4,6-Tribromophenol	n/a	=	80	%	EPA 8270C	-88	-88	26	117	
2020/21-1	ME-VR2	srgt environ	2/2/2021	Organic	2,4,6-Tribromophenol	n/a	=	8.56	µg/L	EPA 625.1	-88	-88			
2020/21-1	ME-VR2	srgt environ, rec	2/2/2021	Organic	2,4,6-Tribromophenol	n/a	=	86	%	EPA 625.1	-88	-88	25	120	
2020/21-1	MO-CAM	srgt environ	2/2/2021	Organic	2,4,6-Tribromophenol	n/a	=	30.5	µg/L	EPA 8270C	-88	-88			
2020/21-1	MO-CAM	srgt environ, rec	2/2/2021	Organic	2,4,6-Tribromophenol	n/a	=	31	%	EPA 8270C	-88	-88	26	117	
2020/21-1	MO-CAM	srgt environ	2/2/2021	Organic	2,4,6-Tribromophenol	n/a	=	34.1	µg/L	EPA 625.1	-88	-88			
2020/21-1	MO-CAM	srgt environ, rec	2/2/2021	Organic	2,4,6-Tribromophenol	n/a	=	34	%	EPA 625.1	-88	-88	25	120	
2020/21-1	MO-FIL	srgt environ	2/2/2021	Organic	2,4,6-Tribromophenol	n/a	=	70.4	µg/L	EPA 8270C	-88	-88			
2020/21-1	MO-FIL	srgt environ, rec	2/2/2021	Organic	2,4,6-Tribromophenol	n/a	=	70	%	EPA 8270C	-88	-88	26	117	
2020/21-1	MO-FIL	srgt environ	2/2/2021	Organic	2,4,6-Tribromophenol	n/a	=	78.9	µg/L	EPA 625.1	-88	-88			
2020/21-1	MO-FIL	srgt environ, rec	2/2/2021	Organic	2,4,6-Tribromophenol	n/a	=	79	%	EPA 625.1	-88	-88	25	120	
2020/21-1	MO-HUE	srgt environ	2/2/2021	Organic	2,4,6-Tribromophenol	n/a	=	81.4	µg/L	EPA 8270C	-88	-88			
2020/21-1	MO-HUE	srgt environ, rec	2/2/2021	Organic	2,4,6-Tribromophenol	n/a	=	81	%	EPA 8270C	-88	-88	26	117	
2020/21-1	MO-HUE	srgt environ	2/3/2021	Organic	2,4,6-Tribromophenol	n/a	=	85	µg/L	EPA 625.1	-88	-88			
2020/21-1	MO-HUE	srgt environ, rec	2/3/2021	Organic	2,4,6-Tribromophenol	n/a	=	85	%	EPA 625.1	-88	-88	25	120	
2020/21-1	MO-MEI	srgt environ	2/2/2021	Organic	2,4,6-Tribromophenol	n/a	=	70.4	µg/L	EPA 8270C	-88	-88			
2020/21-1	MO-MEI	srgt environ, rec	2/2/2021	Organic	2,4,6-Tribromophenol	n/a	=	70	%	EPA 8270C	-88	-88	26	117	
2020/21-1	MO-MEI	srgt environ	2/2/2021	Organic	2,4,6-Tribromophenol	n/a	=	76.9	µg/L	EPA 625.1	-88	-88			
2020/21-1	MO-MEI	srgt environ, rec	2/2/2021	Organic	2,4,6-Tribromophenol	n/a	=	77	%	EPA 625.1	-88	-88	25	120	
2020/21-1	MO-MPK	srgt environ	2/2/2021	Organic	2,4,6-Tribromophenol	n/a	=	70.5	µg/L	EPA 8270C	-88	-88			
2020/21-1	MO-MPK	srgt environ, rec	2/2/2021	Organic	2,4,6-Tribromophenol	n/a	=	71	%	EPA 8270C	-88	-88	26	117	
2020/21-1	MO-MPK	srgt environ	2/3/2021	Organic	2,4,6-Tribromophenol	n/a	=	75.7	µg/L	EPA 625.1	-88	-88			
2020/21-1	MO-MPK	srgt environ, rec	2/3/2021	Organic	2,4,6-Tribromophenol	n/a	=	76	%	EPA 625.1	-88	-88	25	120	
2020/21-1	MO-OJA	srgt environ	2/2/2021	Organic	2,4,6-Tribromophenol	n/a	=	74.7	µg/L	EPA 8270C	-88	-88			
2020/21-1	MO-OJA	srgt environ, rec	2/2/2021	Organic	2,4,6-Tribromophenol	n/a	=	75	%	EPA 8270C	-88	-88	26	117	
2020/21-1	MO-OJA	srgt environ	2/2/2021	Organic	2,4,6-Tribromophenol	n/a	=	88.1	µg/L	EPA 625.1	-88	-88			
2020/21-1	MO-OJA	srgt environ, rec	2/2/2021	Organic	2,4,6-Tribromophenol	n/a	=	88	%	EPA 625.1	-88	-88	25	120	
2020/21-1	MO-OXN	srgt environ	2/2/2021	Organic	2,4,6-Tribromophenol	n/a	=	79.2	µg/L	EPA 8270C	-88	-88			
2020/21-1	MO-OXN	srgt environ, rec	2/2/2021	Organic	2,4,6-Tribromophenol	n/a	=	79	%	EPA 8270C	-88	-88	26	117	
2020/21-1	MO-OXN	srgt environ	2/3/2021	Organic	2,4,6-Tribromophenol	n/a	=	88.8	µg/L	EPA 625.1	-88	-88			
2020/21-1	MO-OXN	srgt environ, rec	2/3/2021	Organic	2,4,6-Tribromophenol	n/a	=	89	%	EPA 625.1	-88	-88	25	120	
2020/21-1	MO-SIM	srgt environ	2/2/2021	Organic	2,4,6-Tribromophenol	n/a	=	86.3	µg/L	EPA 8270C	-88	-88			
2020/21-1	MO-SIM	srgt environ, rec	2/2/2021	Organic	2,4,6-Tribromophenol	n/a	=	86	%	EPA 8270C	-88	-88	26	117	
2020/21-1	MO-SIM	srgt environ	2/2/2021	Organic	2,4,6-Tribromophenol	n/a	=	92.5	µg/L	EPA 625.1	-88	-88			
2020/21-1	MO-SIM	srgt environ, rec	2/2/2021	Organic	2,4,6-Tribromophenol	n/a	=	93	%	EPA 625.1	-88	-88	25	120	
2020/21-1	MO-SPA	srgt environ	2/2/2021	Organic	2,4,6-Tribromophenol	n/a	=	66.9	µg/L	EPA 8270C	-88	-88			
2020/21-1	MO-SPA	srgt environ, rec	2/2/2021	Organic	2,4,6-Tribromophenol	n/a	=	67	%	EPA 8270C	-88	-88	26	117	
2020/21-1	MO-SPA	srgt environ	2/2/2021	Organic	2,4,6-Tribromophenol	n/a	=	76.4	µg/L	EPA 625.1	-88	-88			
2020/21-1	MO-SPA	srgt environ, rec	2/2/2021	Organic	2,4,6-Tribromophenol	n/a	=	76	%	EPA 625.1	-88	-88	25	120	
2020/21-1	MO-THO	srgt environ	2/2/2021	Organic	2,4,6-Tribromophenol	n/a	=	75	µg/L	EPA 8270C	-88	-88			
2020/21-1	MO-THO	srgt environ, rec	2/2/2021	Organic	2,4,6-Tribromophenol	n/a	=	75	%	EPA 8270C	-88	-88	26	117	
2020/21-1	MO-THO	srgt environ	2/3/2021	Organic	2,4,6-Tribromophenol	n/a	=	88.5	µg/L	EPA 625.1	-88	-88			
2020/21-1	MO-THO	srgt environ, rec	2/3/2021	Organic	2,4,6-Tribromophenol	n/a	=	88	%	EPA 625.1	-88	-88	25	120	
2020/21-1	MO-VEN	srgt environ	2/2/2021	Organic	2,4,6-Tribromophenol	n/a	=	72.6	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	
2020/21-1	MO-VEN	srgt environ, rec	2/2/2021	Organic	2,4,6-Tribromophenol	n/a	=	73	%	EPA 8270C	-88	-88	26	117	
2020/21-1	MO-VEN	srgt environ	2/2/2021	Organic	2,4,6-Tribromophenol	n/a	=	81.4	µg/L	EPA 625.1	-88	-88			
2020/21-1	MO-VEN	srgt environ, rec	2/2/2021	Organic	2,4,6-Tribromophenol	n/a	=	81	%	EPA 625.1	-88	-88	25	120	
2020/21-1	Lab	LCS	1/7/2021	Organic	2,4,6-Trichlorophenol	n/a	=	6.86	µg/L	EPA 625.1	0.22	1			
2020/21-1	Lab	LCS, rec	1/7/2021	Organic	2,4,6-Trichlorophenol	n/a	=	69	%	EPA 625.1	-88	-88	52	129	
2020/21-1	Lab	LCS dup	1/7/2021	Organic	2,4,6-Trichlorophenol	n/a	=	7.71	µg/L	EPA 625.1	0.22	1			
2020/21-1	Lab	LCS dup, rec	1/7/2021	Organic	2,4,6-Trichlorophenol	n/a	=	77	%	EPA 625.1	-88	-88	52	129	
2020/21-1	Lab	LCS, RPD	1/7/2021	Organic	2,4,6-Trichlorophenol	n/a	=	12	%	EPA 625.1	-88	-88	0	30	
2020/21-1	Lab	method blank	1/7/2021	Organic	2,4,6-Trichlorophenol	n/a	<	0.22	µg/L	EPA 625.1	0.22	1			
2020/21-1	Lab	method blank	2/1/2021	Organic	2,4,6-Trichlorophenol	n/a	<	0.3	µg/L	EPA 8270C	0.3	1			
2020/21-1	Lab	LCS	2/1/2021	Organic	2,4,6-Trichlorophenol	n/a	=	6.32	µg/L	EPA 8270C	0.3	1			
2020/21-1	Lab	LCS, rec	2/1/2021	Organic	2,4,6-Trichlorophenol	n/a	=	63	%	EPA 8270C	-88	-88	30	115	
2020/21-1	Lab	LCS dup	2/1/2021	Organic	2,4,6-Trichlorophenol	n/a	=	6.89	µg/L	EPA 8270C	0.3	1			
2020/21-1	Lab	LCS dup, rec	2/1/2021	Organic	2,4,6-Trichlorophenol	n/a	=	69	%	EPA 8270C	-88	-88	30	115	
2020/21-1	Lab	LCS, RPD	2/1/2021	Organic	2,4,6-Trichlorophenol	n/a	=	9	%	EPA 8270C	-88	-88	0	30	
2020/21-1	Lab	LCS	2/2/2021	Organic	2,4,6-Trichlorophenol	n/a	=	7.97	µg/L	EPA 625.1	0.22	1			
2020/21-1	Lab	LCS, rec	2/2/2021	Organic	2,4,6-Trichlorophenol	n/a	=	80	%	EPA 625.1	-88	-88	52	129	
2020/21-1	Lab	LCS dup	2/2/2021	Organic	2,4,6-Trichlorophenol	n/a	=	9.08	µg/L	EPA 625.1	0.22	1			
2020/21-1	Lab	LCS dup, rec	2/2/2021	Organic	2,4,6-Trichlorophenol	n/a	=	91	%	EPA 625.1	-88	-88	52	129	
2020/21-1	Lab	LCS, RPD	2/2/2021	Organic	2,4,6-Trichlorophenol	n/a	=	13	%	EPA 625.1	-88	-88	0	30	
2020/21-1	Lab	method blank	2/2/2021	Organic	2,4,6-Trichlorophenol	n/a	<	0.22	µg/L	EPA 625.1	0.22	1			
2020/21-1	Lab	LCS	1/7/2021	Organic	2,4-Dichlorophenol	n/a	=	7.33	µg/L	EPA 625.1	0.26	1			
2020/21-1	Lab	LCS, rec	1/7/2021	Organic	2,4-Dichlorophenol	n/a	=	73	%	EPA 625.1	-88	-88	53	122	
2020/21-1	Lab	LCS dup	1/7/2021	Organic	2,4-Dichlorophenol	n/a	=	8.35	µg/L	EPA 625.1	0.26	1			
2020/21-1	Lab	LCS dup, rec	1/7/2021	Organic	2,4-Dichlorophenol	n/a	=	83	%	EPA 625.1	-88	-88	53	122	
2020/21-1	Lab	LCS, RPD	1/7/2021	Organic	2,4-Dichlorophenol	n/a	=	13	%	EPA 625.1	-88	-88	0	30	
2020/21-1	Lab	method blank	1/7/2021	Organic	2,4-Dichlorophenol	n/a	<	0.26	µg/L	EPA 625.1	0.26	1			
2020/21-1	Lab	method blank	2/1/2021	Organic	2,4-Dichlorophenol	n/a	<	0.51	µg/L	EPA 8270C	0.51	1			
2020/21-1	Lab	LCS	2/1/2021	Organic	2,4-Dichlorophenol	n/a	=	6.86	µg/L	EPA 8270C	0.51	1			
2020/21-1	Lab	LCS, rec	2/1/2021	Organic	2,4-Dichlorophenol	n/a	=	69	%	EPA 8270C	-88	-88	32	105	
2020/21-1	Lab	LCS dup	2/1/2021	Organic	2,4-Dichlorophenol	n/a	=	7.66	µg/L	EPA 8270C	0.51	1			
2020/21-1	Lab	LCS dup, rec	2/1/2021	Organic	2,4-Dichlorophenol	n/a	=	77	%	EPA 8270C	-88	-88	32	105	
2020/21-1	Lab	LCS, RPD	2/1/2021	Organic	2,4-Dichlorophenol	n/a	=	11	%	EPA 8270C	-88	-88	0	30	
2020/21-1	Lab	LCS	2/2/2021	Organic	2,4-Dichlorophenol	n/a	=	7.89	µg/L	EPA 625.1	0.26	1			
2020/21-1	Lab	LCS, rec	2/2/2021	Organic	2,4-Dichlorophenol	n/a	=	79	%	EPA 625.1	-88	-88	53	122	
2020/21-1	Lab	LCS dup	2/2/2021	Organic	2,4-Dichlorophenol	n/a	=	9.39	µg/L	EPA 625.1	0.26	1			
2020/21-1	Lab	LCS dup, rec	2/2/2021	Organic	2,4-Dichlorophenol	n/a	=	94	%	EPA 625.1	-88	-88	53	122	
2020/21-1	Lab	LCS, RPD	2/2/2021	Organic	2,4-Dichlorophenol	n/a	=	17	%	EPA 625.1	-88	-88	0	30	
2020/21-1	Lab	method blank	2/2/2021	Organic	2,4-Dichlorophenol	n/a	<	0.26	µg/L	EPA 625.1	0.26	1			
2020/21-1	000NONPJ	srgt matrix spike	1/8/2021	Organic	2,4-Dichlorophenylacetic acid	n/a	=	10.6	µg/L	EPA 515.4	-88	-88			
2020/21-1	000NONPJ	srgt matrix spike, rec	1/8/2021	Organic	2,4-Dichlorophenylacetic acid	n/a	=	106	%	EPA 515.4	-88	-88	70	130	
2020/21-1	000NONPJ	srgt matrix spike dup	1/8/2021	Organic	2,4-Dichlorophenylacetic acid	n/a	=	10.6	µg/L	EPA 515.4	-88	-88			
2020/21-1	000NONPJ	srgt matrix spike dup, rec	1/8/2021	Organic	2,4-Dichlorophenylacetic acid	n/a	=	106	%	EPA 515.4	-88	-88	70	130	
2020/21-1	Lab	srgt method blank	1/7/2021	Organic	2,4-Dichlorophenylacetic acid	n/a	=	9.62	µg/L	EPA 515.4	-88	-88			
2020/21-1	Lab	srgt method blank, rec	1/7/2021	Organic	2,4-Dichlorophenylacetic acid	n/a	=	96	%	EPA 515.4	-88	-88	70	130	
2020/21-1	Lab	srgt LCS	1/8/2021	Organic	2,4-Dichlorophenylacetic acid	n/a	=	10.9	µg/L	EPA 515.4	-88	-88			
2020/21-1	Lab	srgt LCS, rec	1/8/2021	Organic	2,4-Dichlorophenylacetic acid	n/a	=	109	%	EPA 515.4	-88	-88	70	130	

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Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2020/21-1	Lab	srgt method blank	1/10/2021	Organic	2,4-Dichlorophenylacetic acid	n/a	=	9.77	µg/L	EPA 515.4	-88	-88			
2020/21-1	Lab	srgt method blank, rec	1/10/2021	Organic	2,4-Dichlorophenylacetic acid	n/a	=	98	%	EPA 515.4	-88	-88	70	130	
2020/21-1	Lab	srgt LCS	1/10/2021	Organic	2,4-Dichlorophenylacetic acid	n/a	=	10.6	µg/L	EPA 515.4	-88	-88			
2020/21-1	Lab	srgt LCS, rec	1/10/2021	Organic	2,4-Dichlorophenylacetic acid	n/a	=	106	%	EPA 515.4	-88	-88	70	130	
2020/21-1	ME-CC	srgt environ	1/8/2021	Organic	2,4-Dichlorophenylacetic acid	n/a	=	9.98	µg/L	EPA 515.4	-88	-88			
2020/21-1	ME-CC	srgt environ, rec	1/8/2021	Organic	2,4-Dichlorophenylacetic acid	n/a	=	100	%	EPA 515.4	-88	-88	70	130	
2020/21-1	ME-SCR	srgt environ	1/8/2021	Organic	2,4-Dichlorophenylacetic acid	n/a	=	10.3	µg/L	EPA 515.4	-88	-88			
2020/21-1	ME-SCR	srgt environ, rec	1/8/2021	Organic	2,4-Dichlorophenylacetic acid	n/a	=	103	%	EPA 515.4	-88	-88	70	130	
2020/21-1	ME-VR2	srgt environ	1/8/2021	Organic	2,4-Dichlorophenylacetic acid	n/a	=	9.71	µg/L	EPA 515.4	-88	-88			
2020/21-1	ME-VR2	srgt environ, rec	1/8/2021	Organic	2,4-Dichlorophenylacetic acid	n/a	=	97	%	EPA 515.4	-88	-88	70	130	
2020/21-1	MO-CAM	srgt environ	1/8/2021	Organic	2,4-Dichlorophenylacetic acid	n/a	=	9.54	µg/L	EPA 515.4	-88	-88			
2020/21-1	MO-CAM	srgt environ, rec	1/8/2021	Organic	2,4-Dichlorophenylacetic acid	n/a	=	95	%	EPA 515.4	-88	-88	70	130	
2020/21-1	MO-FIL	srgt environ	1/8/2021	Organic	2,4-Dichlorophenylacetic acid	n/a	=	10.6	µg/L	EPA 515.4	-88	-88			
2020/21-1	MO-FIL	srgt environ, rec	1/8/2021	Organic	2,4-Dichlorophenylacetic acid	n/a	=	106	%	EPA 515.4	-88	-88	70	130	
2020/21-1	MO-HUE	srgt environ	1/8/2021	Organic	2,4-Dichlorophenylacetic acid	n/a	=	10.3	µg/L	EPA 515.4	-88	-88			
2020/21-1	MO-HUE	srgt environ, rec	1/8/2021	Organic	2,4-Dichlorophenylacetic acid	n/a	=	103	%	EPA 515.4	-88	-88	70	130	
2020/21-1	MO-MEI	srgt environ	1/8/2021	Organic	2,4-Dichlorophenylacetic acid	n/a	=	11	µg/L	EPA 515.4	-88	-88			
2020/21-1	MO-MEI	srgt environ, rec	1/8/2021	Organic	2,4-Dichlorophenylacetic acid	n/a	=	110	%	EPA 515.4	-88	-88	70	130	
2020/21-1	MO-MPK	srgt environ	1/8/2021	Organic	2,4-Dichlorophenylacetic acid	n/a	=	12.9	µg/L	EPA 515.4	-88	-88			
2020/21-1	MO-MPK	srgt environ, rec	1/8/2021	Organic	2,4-Dichlorophenylacetic acid	n/a	=	129	%	EPA 515.4	-88	-88	70	130	
2020/21-1	MO-OJA	srgt environ	1/8/2021	Organic	2,4-Dichlorophenylacetic acid	n/a	=	10.2	µg/L	EPA 515.4	-88	-88			
2020/21-1	MO-OJA	srgt environ, rec	1/8/2021	Organic	2,4-Dichlorophenylacetic acid	n/a	=	102	%	EPA 515.4	-88	-88	70	130	
2020/21-1	MO-OXN	srgt environ	1/8/2021	Organic	2,4-Dichlorophenylacetic acid	n/a	=	11.1	µg/L	EPA 515.4	-88	-88			
2020/21-1	MO-OXN	srgt environ, rec	1/8/2021	Organic	2,4-Dichlorophenylacetic acid	n/a	=	111	%	EPA 515.4	-88	-88	70	130	
2020/21-1	MO-SIM	srgt environ	1/8/2021	Organic	2,4-Dichlorophenylacetic acid	n/a	=	10.6	µg/L	EPA 515.4	-88	-88			
2020/21-1	MO-SIM	srgt environ, rec	1/8/2021	Organic	2,4-Dichlorophenylacetic acid	n/a	=	106	%	EPA 515.4	-88	-88	70	130	
2020/21-1	MO-SPA	srgt environ	1/8/2021	Organic	2,4-Dichlorophenylacetic acid	n/a	=	10.2	µg/L	EPA 515.4	-88	-88			
2020/21-1	MO-SPA	srgt environ, rec	1/8/2021	Organic	2,4-Dichlorophenylacetic acid	n/a	=	102	%	EPA 515.4	-88	-88	70	130	
2020/21-1	MO-THO	srgt environ	1/8/2021	Organic	2,4-Dichlorophenylacetic acid	n/a	=	10.1	µg/L	EPA 515.4	-88	-88			
2020/21-1	MO-THO	srgt environ, rec	1/8/2021	Organic	2,4-Dichlorophenylacetic acid	n/a	=	101	%	EPA 515.4	-88	-88	70	130	
2020/21-1	MO-VEN	srgt environ	1/8/2021	Organic	2,4-Dichlorophenylacetic acid	n/a	=	10.9	µg/L	EPA 515.4	-88	-88			
2020/21-1	MO-VEN	srgt environ, rec	1/8/2021	Organic	2,4-Dichlorophenylacetic acid	n/a	=	109	%	EPA 515.4	-88	-88	70	130	
2020/21-1	Lab	LCS	1/7/2021	Organic	2,4-Dimethylphenol	n/a	=	6.11	µg/L	EPA 625.1	0.3	1			
2020/21-1	Lab	LCS, rec	1/7/2021	Organic	2,4-Dimethylphenol	n/a	=	61	%	EPA 625.1	-88	-88	42	120	
2020/21-1	Lab	LCS dup	1/7/2021	Organic	2,4-Dimethylphenol	n/a	=	6.75	µg/L	EPA 625.1	0.3	1			
2020/21-1	Lab	LCS dup, rec	1/7/2021	Organic	2,4-Dimethylphenol	n/a	=	68	%	EPA 625.1	-88	-88	42	120	
2020/21-1	Lab	LCS, RPD	1/7/2021	Organic	2,4-Dimethylphenol	n/a	=	10	%	EPA 625.1	-88	-88	0	30	
2020/21-1	Lab	method blank	1/7/2021	Organic	2,4-Dimethylphenol	n/a	<	0.3	µg/L	EPA 625.1	0.3	1			
2020/21-1	Lab	method blank	2/1/2021	Organic	2,4-Dimethylphenol	n/a	<	1	µg/L	EPA 8270C	1	2			
2020/21-1	Lab	LCS	2/1/2021	Organic	2,4-Dimethylphenol	n/a	=	2.74	µg/L	EPA 8270C	1	2			EUM
2020/21-1	Lab	LCS, rec	2/1/2021	Organic	2,4-Dimethylphenol	n/a	=	27	%	EPA 8270C	-88	-88	31	97	EUM
2020/21-1	Lab	LCS dup	2/1/2021	Organic	2,4-Dimethylphenol	n/a	=	3.29	µg/L	EPA 8270C	1	2			
2020/21-1	Lab	LCS dup, rec	2/1/2021	Organic	2,4-Dimethylphenol	n/a	=	33	%	EPA 8270C	-88	-88	31	97	
2020/21-1	Lab	LCS, RPD	2/1/2021	Organic	2,4-Dimethylphenol	n/a	=	18	%	EPA 8270C	-88	-88	0	30	
2020/21-1	Lab	LCS	2/2/2021	Organic	2,4-Dimethylphenol	n/a	=	6.06	µg/L	EPA 625.1	0.3	1			
2020/21-1	Lab	LCS, rec	2/2/2021	Organic	2,4-Dimethylphenol	n/a	=	61	%	EPA 625.1	-88	-88	42	120	
2020/21-1	Lab	LCS dup	2/2/2021	Organic	2,4-Dimethylphenol	n/a	=	6.86	µg/L	EPA 625.1	0.3	1			

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Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2020/21-1	Lab	LCS dup. rec	2/2/2021	Organic	2,4-Dimethylphenol	n/a	=	69	%	EPA 625.1	-88	-88	42	120	
2020/21-1	Lab	LCS, RPD	2/2/2021	Organic	2,4-Dimethylphenol	n/a	=	12	%	EPA 625.1	-88	-88	0	30	
2020/21-1	Lab	method blank	2/2/2021	Organic	2,4-Dimethylphenol	n/a	<	0.3	µg/L	EPA 625.1	0.3	1			
2020/21-1	Lab	LCS	1/7/2021	Organic	2,4-Dinitrophenol	n/a	=	11.6	µg/L	EPA 625.1	1.9	10			
2020/21-1	Lab	LCS, rec	1/7/2021	Organic	2,4-Dinitrophenol	n/a	=	116	%	EPA 625.1	-88	-88	0.1	173	
2020/21-1	Lab	LCS dup	1/7/2021	Organic	2,4-Dinitrophenol	n/a	=	12.3	µg/L	EPA 625.1	1.9	10			
2020/21-1	Lab	LCS dup. rec	1/7/2021	Organic	2,4-Dinitrophenol	n/a	=	123	%	EPA 625.1	-88	-88	0.1	173	
2020/21-1	Lab	LCS, RPD	1/7/2021	Organic	2,4-Dinitrophenol	n/a	=	6	%	EPA 625.1	-88	-88	0	30	
2020/21-1	Lab	method blank	1/7/2021	Organic	2,4-Dinitrophenol	n/a	<	1.9	µg/L	EPA 625.1	1.9	10			
2020/21-1	Lab	method blank	2/1/2021	Organic	2,4-Dinitrophenol	n/a	<	1	µg/L	EPA 8270C	1	2			
2020/21-1	Lab	LCS	2/1/2021	Organic	2,4-Dinitrophenol	n/a	=	10.6	µg/L	EPA 8270C	1	2			
2020/21-1	Lab	LCS, rec	2/1/2021	Organic	2,4-Dinitrophenol	n/a	=	106	%	EPA 8270C	-88	-88	7	155	
2020/21-1	Lab	LCS dup	2/1/2021	Organic	2,4-Dinitrophenol	n/a	=	11.2	µg/L	EPA 8270C	1	2			
2020/21-1	Lab	LCS dup. rec	2/1/2021	Organic	2,4-Dinitrophenol	n/a	=	112	%	EPA 8270C	-88	-88	7	155	
2020/21-1	Lab	LCS, RPD	2/1/2021	Organic	2,4-Dinitrophenol	n/a	=	5	%	EPA 8270C	-88	-88	0	30	
2020/21-1	Lab	LCS	2/2/2021	Organic	2,4-Dinitrophenol	n/a	DNQ	9.68	µg/L	EPA 625.1	1.9	10			
2020/21-1	Lab	LCS, rec	2/2/2021	Organic	2,4-Dinitrophenol	n/a	=	97	%	EPA 625.1	-88	-88	0.1	173	
2020/21-1	Lab	LCS dup	2/2/2021	Organic	2,4-Dinitrophenol	n/a	=	12.3	µg/L	EPA 625.1	1.9	10			
2020/21-1	Lab	LCS dup. rec	2/2/2021	Organic	2,4-Dinitrophenol	n/a	=	123	%	EPA 625.1	-88	-88	0.1	173	
2020/21-1	Lab	LCS, RPD	2/2/2021	Organic	2,4-Dinitrophenol	n/a	=	24	%	EPA 625.1	-88	-88	0	30	
2020/21-1	Lab	method blank	2/2/2021	Organic	2,4-Dinitrophenol	n/a	<	1.9	µg/L	EPA 625.1	1.9	10			
2020/21-1	Lab	LCS	1/7/2021	Organic	2,4-Dinitrotoluene	n/a	=	8	µg/L	EPA 625.1	0.18	1			
2020/21-1	Lab	LCS, rec	1/7/2021	Organic	2,4-Dinitrotoluene	n/a	=	80	%	EPA 625.1	-88	-88	48	127	
2020/21-1	Lab	LCS dup	1/7/2021	Organic	2,4-Dinitrotoluene	n/a	=	8.37	µg/L	EPA 625.1	0.18	1			
2020/21-1	Lab	LCS dup. rec	1/7/2021	Organic	2,4-Dinitrotoluene	n/a	=	84	%	EPA 625.1	-88	-88	48	127	
2020/21-1	Lab	LCS, RPD	1/7/2021	Organic	2,4-Dinitrotoluene	n/a	=	5	%	EPA 625.1	-88	-88	0	30	
2020/21-1	Lab	method blank	1/7/2021	Organic	2,4-Dinitrotoluene	n/a	<	0.18	µg/L	EPA 625.1	0.18	1			
2020/21-1	Lab	LCS	2/2/2021	Organic	2,4-Dinitrotoluene	n/a	=	9.96	µg/L	EPA 625.1	0.18	1			
2020/21-1	Lab	LCS, rec	2/2/2021	Organic	2,4-Dinitrotoluene	n/a	=	100	%	EPA 625.1	-88	-88	48	127	
2020/21-1	Lab	LCS dup	2/2/2021	Organic	2,4-Dinitrotoluene	n/a	=	11.2	µg/L	EPA 625.1	0.18	1			
2020/21-1	Lab	LCS dup. rec	2/2/2021	Organic	2,4-Dinitrotoluene	n/a	=	112	%	EPA 625.1	-88	-88	48	127	
2020/21-1	Lab	LCS, RPD	2/2/2021	Organic	2,4-Dinitrotoluene	n/a	=	12	%	EPA 625.1	-88	-88	0	30	
2020/21-1	Lab	method blank	2/2/2021	Organic	2,4-Dinitrotoluene	n/a	<	0.18	µg/L	EPA 625.1	0.18	1			
2020/21-1	Lab	LCS	1/7/2021	Organic	2,6-Dinitrotoluene	n/a	=	7.18	µg/L	EPA 625.1	0.27	1			
2020/21-1	Lab	LCS, rec	1/7/2021	Organic	2,6-Dinitrotoluene	n/a	=	72	%	EPA 625.1	-88	-88	68	137	
2020/21-1	Lab	LCS dup	1/7/2021	Organic	2,6-Dinitrotoluene	n/a	=	7.86	µg/L	EPA 625.1	0.27	1			
2020/21-1	Lab	LCS dup. rec	1/7/2021	Organic	2,6-Dinitrotoluene	n/a	=	79	%	EPA 625.1	-88	-88	68	137	
2020/21-1	Lab	LCS, RPD	1/7/2021	Organic	2,6-Dinitrotoluene	n/a	=	9	%	EPA 625.1	-88	-88	0	30	
2020/21-1	Lab	method blank	1/7/2021	Organic	2,6-Dinitrotoluene	n/a	<	0.27	µg/L	EPA 625.1	0.27	1			
2020/21-1	Lab	LCS	2/2/2021	Organic	2,6-Dinitrotoluene	n/a	=	7.52	µg/L	EPA 625.1	0.27	1			
2020/21-1	Lab	LCS, rec	2/2/2021	Organic	2,6-Dinitrotoluene	n/a	=	75	%	EPA 625.1	-88	-88	68	137	
2020/21-1	Lab	LCS dup	2/2/2021	Organic	2,6-Dinitrotoluene	n/a	=	8.64	µg/L	EPA 625.1	0.27	1			
2020/21-1	Lab	LCS dup. rec	2/2/2021	Organic	2,6-Dinitrotoluene	n/a	=	86	%	EPA 625.1	-88	-88	68	137	
2020/21-1	Lab	LCS, RPD	2/2/2021	Organic	2,6-Dinitrotoluene	n/a	=	14	%	EPA 625.1	-88	-88	0	30	
2020/21-1	Lab	method blank	2/2/2021	Organic	2,6-Dinitrotoluene	n/a	<	0.27	µg/L	EPA 625.1	0.27	1			
2020/21-1	Lab	LCS	12/29/2020	Organic	2-Chloroethyl vinyl ether	n/a	=	51	µg/L	EPA 624.1	0.19	1			
2020/21-1	Lab	LCS, rec	12/29/2020	Organic	2-Chloroethyl vinyl ether	n/a	=	102	%	EPA 624.1	-88	-88	0.1	305	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2020/21-1	Lab	LCS dup	12/29/2020	Organic	2-Chloroethyl vinyl ether	n/a	=	55.7	µg/L	EPA 624.1	0.19	1			
2020/21-1	Lab	LCS dup, rec	12/29/2020	Organic	2-Chloroethyl vinyl ether	n/a	=	111	%	EPA 624.1	-88	-88	0.1	305	
2020/21-1	Lab	LCS, RPD	12/29/2020	Organic	2-Chloroethyl vinyl ether	n/a	=	9	%	EPA 624.1	-88	-88	0	25	
2020/21-1	Lab	method blank	12/29/2020	Organic	2-Chloroethyl vinyl ether	n/a	<	0.19	µg/L	EPA 624.1	0.19	1			
2020/21-1	Lab	LCS	12/30/2020	Organic	2-Chloroethyl vinyl ether	n/a	=	55.7	µg/L	EPA 624.1	0.19	1			
2020/21-1	Lab	LCS, rec	12/30/2020	Organic	2-Chloroethyl vinyl ether	n/a	=	111	%	EPA 624.1	-88	-88	0.1	305	
2020/21-1	Lab	LCS dup	12/30/2020	Organic	2-Chloroethyl vinyl ether	n/a	=	59.2	µg/L	EPA 624.1	0.19	1			
2020/21-1	Lab	LCS dup, rec	12/30/2020	Organic	2-Chloroethyl vinyl ether	n/a	=	118	%	EPA 624.1	-88	-88	0.1	305	
2020/21-1	Lab	LCS, RPD	12/30/2020	Organic	2-Chloroethyl vinyl ether	n/a	=	6	%	EPA 624.1	-88	-88	0	25	
2020/21-1	Lab	method blank	12/30/2020	Organic	2-Chloroethyl vinyl ether	n/a	<	0.19	µg/L	EPA 624.1	0.19	1			
2020/21-1	MO-HUE	field duplicate	12/29/2020	Organic	2-Chloroethyl vinyl ether	n/a	<	0.19	µg/L	EPA 624.1	0.19	1			
2020/21-1	MO-HUE	field blank	12/30/2020	Organic	2-Chloroethyl vinyl ether	n/a	<	0.19	µg/L	EPA 624.1	0.19	1			
2020/21-1	Lab	LCS	1/7/2021	Organic	2-Chloronaphthalene	n/a	=	6.85	µg/L	EPA 625.1	0.45	1			
2020/21-1	Lab	LCS, rec	1/7/2021	Organic	2-Chloronaphthalene	n/a	=	69	%	EPA 625.1	-88	-88	65	120	
2020/21-1	Lab	LCS dup	1/7/2021	Organic	2-Chloronaphthalene	n/a	=	7.66	µg/L	EPA 625.1	0.45	1			
2020/21-1	Lab	LCS dup, rec	1/7/2021	Organic	2-Chloronaphthalene	n/a	=	77	%	EPA 625.1	-88	-88	65	120	
2020/21-1	Lab	LCS, RPD	1/7/2021	Organic	2-Chloronaphthalene	n/a	=	11	%	EPA 625.1	-88	-88	0	30	
2020/21-1	Lab	method blank	1/7/2021	Organic	2-Chloronaphthalene	n/a	<	0.45	µg/L	EPA 625.1	0.45	1			
2020/21-1	Lab	LCS	2/2/2021	Organic	2-Chloronaphthalene	n/a	=	7.81	µg/L	EPA 625.1	0.45	1			
2020/21-1	Lab	LCS, rec	2/2/2021	Organic	2-Chloronaphthalene	n/a	=	78	%	EPA 625.1	-88	-88	65	120	
2020/21-1	Lab	LCS dup	2/2/2021	Organic	2-Chloronaphthalene	n/a	=	8.75	µg/L	EPA 625.1	0.45	1			
2020/21-1	Lab	LCS dup, rec	2/2/2021	Organic	2-Chloronaphthalene	n/a	=	88	%	EPA 625.1	-88	-88	65	120	
2020/21-1	Lab	LCS, RPD	2/2/2021	Organic	2-Chloronaphthalene	n/a	=	11	%	EPA 625.1	-88	-88	0	30	
2020/21-1	Lab	method blank	2/2/2021	Organic	2-Chloronaphthalene	n/a	<	0.45	µg/L	EPA 625.1	0.45	1			
2020/21-1	Lab	LCS	1/7/2021	Organic	2-Chlorophenol	n/a	=	6.75	µg/L	EPA 625.1	0.28	1			
2020/21-1	Lab	LCS, rec	1/7/2021	Organic	2-Chlorophenol	n/a	=	68	%	EPA 625.1	-88	-88	36	120	
2020/21-1	Lab	LCS dup	1/7/2021	Organic	2-Chlorophenol	n/a	=	8.02	µg/L	EPA 625.1	0.28	1			
2020/21-1	Lab	LCS dup, rec	1/7/2021	Organic	2-Chlorophenol	n/a	=	80	%	EPA 625.1	-88	-88	36	120	
2020/21-1	Lab	LCS, RPD	1/7/2021	Organic	2-Chlorophenol	n/a	=	17	%	EPA 625.1	-88	-88	0	30	
2020/21-1	Lab	method blank	1/7/2021	Organic	2-Chlorophenol	n/a	<	0.28	µg/L	EPA 625.1	0.28	1			
2020/21-1	Lab	method blank	2/1/2021	Organic	2-Chlorophenol	n/a	<	0.65	µg/L	EPA 8270C	0.65	1			
2020/21-1	Lab	LCS	2/1/2021	Organic	2-Chlorophenol	n/a	=	6.82	µg/L	EPA 8270C	0.65	1			
2020/21-1	Lab	LCS, rec	2/1/2021	Organic	2-Chlorophenol	n/a	=	68	%	EPA 8270C	-88	-88	27	90	
2020/21-1	Lab	LCS dup	2/1/2021	Organic	2-Chlorophenol	n/a	=	7.84	µg/L	EPA 8270C	0.65	1			
2020/21-1	Lab	LCS dup, rec	2/1/2021	Organic	2-Chlorophenol	n/a	=	78	%	EPA 8270C	-88	-88	27	90	
2020/21-1	Lab	LCS, RPD	2/1/2021	Organic	2-Chlorophenol	n/a	=	14	%	EPA 8270C	-88	-88	0	30	
2020/21-1	Lab	LCS	2/2/2021	Organic	2-Chlorophenol	n/a	=	7.1	µg/L	EPA 625.1	0.28	1			
2020/21-1	Lab	LCS, rec	2/2/2021	Organic	2-Chlorophenol	n/a	=	71	%	EPA 625.1	-88	-88	36	120	
2020/21-1	Lab	LCS dup	2/2/2021	Organic	2-Chlorophenol	n/a	=	8.4	µg/L	EPA 625.1	0.28	1			
2020/21-1	Lab	LCS dup, rec	2/2/2021	Organic	2-Chlorophenol	n/a	=	84	%	EPA 625.1	-88	-88	36	120	
2020/21-1	Lab	LCS, RPD	2/2/2021	Organic	2-Chlorophenol	n/a	=	17	%	EPA 625.1	-88	-88	0	30	
2020/21-1	Lab	method blank	2/2/2021	Organic	2-Chlorophenol	n/a	<	0.28	µg/L	EPA 625.1	0.28	1			
2020/21-1	Lab	srgt LCS	1/7/2021	Organic	2-Fluorobiphenyl	n/a	=	2.96	µg/L	EPA 625.1	-88	-88			
2020/21-1	Lab	srgt LCS, rec	1/7/2021	Organic	2-Fluorobiphenyl	n/a	=	59	%	EPA 625.1	-88	-88	22	120	
2020/21-1	Lab	srgt LCS dup	1/7/2021	Organic	2-Fluorobiphenyl	n/a	=	3.38	µg/L	EPA 625.1	-88	-88			
2020/21-1	Lab	srgt LCS dup, rec	1/7/2021	Organic	2-Fluorobiphenyl	n/a	=	68	%	EPA 625.1	-88	-88	22	120	
2020/21-1	Lab	srgt method blank	1/7/2021	Organic	2-Fluorobiphenyl	n/a	=	3.18	µg/L	EPA 625.1	-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	
2020/21-1	Lab	srgt method blank, rec	1/7/2021	Organic	2-Fluorobiphenyl	n/a	=	64	%	EPA 625.1	-88	-88	22	120	
2020/21-1	Lab	srgt method blank	1/30/2021	Organic	2-Fluorobiphenyl	n/a	=	3.53	µg/L	EPA 8270C	-88	-88			
2020/21-1	Lab	srgt method blank, rec	1/30/2021	Organic	2-Fluorobiphenyl	n/a	=	71	%	EPA 8270C	-88	-88	51	139	
2020/21-1	Lab	srgt LCS	1/30/2021	Organic	2-Fluorobiphenyl	n/a	=	3.43	µg/L	EPA 8270C	-88	-88			
2020/21-1	Lab	srgt LCS, rec	1/30/2021	Organic	2-Fluorobiphenyl	n/a	=	69	%	EPA 8270C	-88	-88	51	139	
2020/21-1	Lab	srgt LCS dup	1/30/2021	Organic	2-Fluorobiphenyl	n/a	=	3.83	µg/L	EPA 8270C	-88	-88			
2020/21-1	Lab	srgt LCS dup, rec	1/30/2021	Organic	2-Fluorobiphenyl	n/a	=	77	%	EPA 8270C	-88	-88	51	139	
2020/21-1	Lab	srgt LCS	2/2/2021	Organic	2-Fluorobiphenyl	n/a	=	3.93	µg/L	EPA 625.1	-88	-88			
2020/21-1	Lab	srgt LCS, rec	2/2/2021	Organic	2-Fluorobiphenyl	n/a	=	79	%	EPA 625.1	-88	-88	22	120	
2020/21-1	Lab	srgt LCS dup	2/2/2021	Organic	2-Fluorobiphenyl	n/a	=	4.41	µg/L	EPA 625.1	-88	-88			
2020/21-1	Lab	srgt LCS dup, rec	2/2/2021	Organic	2-Fluorobiphenyl	n/a	=	88	%	EPA 625.1	-88	-88	22	120	
2020/21-1	Lab	srgt method blank	2/2/2021	Organic	2-Fluorobiphenyl	n/a	=	4.22	µg/L	EPA 625.1	-88	-88			
2020/21-1	Lab	srgt method blank, rec	2/2/2021	Organic	2-Fluorobiphenyl	n/a	=	84	%	EPA 625.1	-88	-88	22	120	
2020/21-1	ME-CC	srgt environ	1/30/2021	Organic	2-Fluorobiphenyl	n/a	=	3.8	µg/L	EPA 8270C	-88	-88			
2020/21-1	ME-CC	srgt environ, rec	1/30/2021	Organic	2-Fluorobiphenyl	n/a	=	76	%	EPA 8270C	-88	-88	51	139	
2020/21-1	ME-CC	srgt environ	2/2/2021	Organic	2-Fluorobiphenyl	n/a	=	4.48	µg/L	EPA 625.1	-88	-88			
2020/21-1	ME-CC	srgt environ, rec	2/2/2021	Organic	2-Fluorobiphenyl	n/a	=	90	%	EPA 625.1	-88	-88	22	120	
2020/21-1	ME-SCR	srgt environ	1/30/2021	Organic	2-Fluorobiphenyl	n/a	=	37	µg/L	EPA 8270C	-88	-88			
2020/21-1	ME-SCR	srgt environ, rec	1/30/2021	Organic	2-Fluorobiphenyl	n/a	=	74	%	EPA 8270C	-88	-88	51	139	
2020/21-1	ME-SCR	srgt environ	2/2/2021	Organic	2-Fluorobiphenyl	n/a	=	43.2	µg/L	EPA 625.1	-88	-88			
2020/21-1	ME-SCR	srgt environ, rec	2/2/2021	Organic	2-Fluorobiphenyl	n/a	=	86	%	EPA 625.1	-88	-88	22	120	
2020/21-1	ME-VR2	srgt environ	1/30/2021	Organic	2-Fluorobiphenyl	n/a	=	3.85	µg/L	EPA 8270C	-88	-88			
2020/21-1	ME-VR2	srgt environ, rec	1/30/2021	Organic	2-Fluorobiphenyl	n/a	=	77	%	EPA 8270C	-88	-88	51	139	
2020/21-1	ME-VR2	srgt environ	2/2/2021	Organic	2-Fluorobiphenyl	n/a	=	4.48	µg/L	EPA 625.1	-88	-88			
2020/21-1	ME-VR2	srgt environ, rec	2/2/2021	Organic	2-Fluorobiphenyl	n/a	=	90	%	EPA 625.1	-88	-88	22	120	
2020/21-1	MO-CAM	srgt environ	1/30/2021	Organic	2-Fluorobiphenyl	n/a	=	14.4	µg/L	EPA 8270C	-88	-88			GN
2020/21-1	MO-CAM	srgt environ, rec	1/30/2021	Organic	2-Fluorobiphenyl	n/a	=	29	%	EPA 8270C	-88	-88	51	139	GN
2020/21-1	MO-CAM	srgt environ	2/2/2021	Organic	2-Fluorobiphenyl	n/a	=	17.6	µg/L	EPA 625.1	-88	-88			
2020/21-1	MO-CAM	srgt environ, rec	2/2/2021	Organic	2-Fluorobiphenyl	n/a	=	35	%	EPA 625.1	-88	-88	22	120	
2020/21-1	MO-FIL	srgt environ	1/30/2021	Organic	2-Fluorobiphenyl	n/a	=	30.4	µg/L	EPA 8270C	-88	-88			
2020/21-1	MO-FIL	srgt environ, rec	1/30/2021	Organic	2-Fluorobiphenyl	n/a	=	61	%	EPA 8270C	-88	-88	51	139	
2020/21-1	MO-FIL	srgt environ	2/2/2021	Organic	2-Fluorobiphenyl	n/a	=	35.8	µg/L	EPA 625.1	-88	-88			
2020/21-1	MO-FIL	srgt environ, rec	2/2/2021	Organic	2-Fluorobiphenyl	n/a	=	72	%	EPA 625.1	-88	-88	22	120	
2020/21-1	MO-HUE	srgt environ	1/31/2021	Organic	2-Fluorobiphenyl	n/a	=	38.9	µg/L	EPA 8270C	-88	-88			
2020/21-1	MO-HUE	srgt environ, rec	1/31/2021	Organic	2-Fluorobiphenyl	n/a	=	78	%	EPA 8270C	-88	-88	51	139	
2020/21-1	MO-HUE	srgt environ	2/3/2021	Organic	2-Fluorobiphenyl	n/a	=	45.1	µg/L	EPA 625.1	-88	-88			
2020/21-1	MO-HUE	srgt environ, rec	2/3/2021	Organic	2-Fluorobiphenyl	n/a	=	90	%	EPA 625.1	-88	-88	22	120	
2020/21-1	MO-MEI	srgt environ	1/30/2021	Organic	2-Fluorobiphenyl	n/a	=	30.8	µg/L	EPA 8270C	-88	-88			
2020/21-1	MO-MEI	srgt environ, rec	1/30/2021	Organic	2-Fluorobiphenyl	n/a	=	62	%	EPA 8270C	-88	-88	51	139	
2020/21-1	MO-MEI	srgt environ	2/2/2021	Organic	2-Fluorobiphenyl	n/a	=	36.6	µg/L	EPA 625.1	-88	-88			
2020/21-1	MO-MEI	srgt environ, rec	2/2/2021	Organic	2-Fluorobiphenyl	n/a	=	73	%	EPA 625.1	-88	-88	22	120	
2020/21-1	MO-MPK	srgt environ	1/30/2021	Organic	2-Fluorobiphenyl	n/a	=	33.5	µg/L	EPA 8270C	-88	-88			
2020/21-1	MO-MPK	srgt environ, rec	1/30/2021	Organic	2-Fluorobiphenyl	n/a	=	67	%	EPA 8270C	-88	-88	51	139	
2020/21-1	MO-MPK	srgt environ	2/3/2021	Organic	2-Fluorobiphenyl	n/a	=	39.6	µg/L	EPA 625.1	-88	-88			
2020/21-1	MO-MPK	srgt environ, rec	2/3/2021	Organic	2-Fluorobiphenyl	n/a	=	79	%	EPA 625.1	-88	-88	22	120	
2020/21-1	MO-OJA	srgt environ	1/30/2021	Organic	2-Fluorobiphenyl	n/a	=	35.9	µg/L	EPA 8270C	-88	-88			
2020/21-1	MO-OJA	srgt environ, rec	1/30/2021	Organic	2-Fluorobiphenyl	n/a	=	72	%	EPA 8270C	-88	-88	51	139	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2020/21-1	MO-OJA	srgt environ	2/2/2021	Organic	2-Fluorobiphenyl	n/a	=	43.9	µg/L	EPA 625.1	-88	-88			
2020/21-1	MO-OJA	srgt environ, rec	2/2/2021	Organic	2-Fluorobiphenyl	n/a	=	88	%	EPA 625.1	-88	-88	22	120	
2020/21-1	MO-OXN	srgt environ	1/31/2021	Organic	2-Fluorobiphenyl	n/a	=	32.6	µg/L	EPA 8270C	-88	-88			
2020/21-1	MO-OXN	srgt environ, rec	1/31/2021	Organic	2-Fluorobiphenyl	n/a	=	65	%	EPA 8270C	-88	-88	51	139	
2020/21-1	MO-OXN	srgt environ	2/3/2021	Organic	2-Fluorobiphenyl	n/a	=	38.3	µg/L	EPA 625.1	-88	-88			
2020/21-1	MO-OXN	srgt environ, rec	2/3/2021	Organic	2-Fluorobiphenyl	n/a	=	77	%	EPA 625.1	-88	-88	22	120	
2020/21-1	MO-SIM	srgt environ	1/30/2021	Organic	2-Fluorobiphenyl	n/a	=	38.8	µg/L	EPA 8270C	-88	-88			
2020/21-1	MO-SIM	srgt environ, rec	1/30/2021	Organic	2-Fluorobiphenyl	n/a	=	78	%	EPA 8270C	-88	-88	51	139	
2020/21-1	MO-SIM	srgt environ	2/2/2021	Organic	2-Fluorobiphenyl	n/a	=	45	µg/L	EPA 625.1	-88	-88			
2020/21-1	MO-SIM	srgt environ, rec	2/2/2021	Organic	2-Fluorobiphenyl	n/a	=	90	%	EPA 625.1	-88	-88	22	120	
2020/21-1	MO-SPA	srgt environ	1/30/2021	Organic	2-Fluorobiphenyl	n/a	=	30.1	µg/L	EPA 8270C	-88	-88			
2020/21-1	MO-SPA	srgt environ, rec	1/30/2021	Organic	2-Fluorobiphenyl	n/a	=	60	%	EPA 8270C	-88	-88	51	139	
2020/21-1	MO-SPA	srgt environ	2/2/2021	Organic	2-Fluorobiphenyl	n/a	=	37.1	µg/L	EPA 625.1	-88	-88			
2020/21-1	MO-SPA	srgt environ, rec	2/2/2021	Organic	2-Fluorobiphenyl	n/a	=	74	%	EPA 625.1	-88	-88	22	120	
2020/21-1	MO-THO	srgt environ	1/31/2021	Organic	2-Fluorobiphenyl	n/a	=	33.9	µg/L	EPA 8270C	-88	-88			
2020/21-1	MO-THO	srgt environ, rec	1/31/2021	Organic	2-Fluorobiphenyl	n/a	=	68	%	EPA 8270C	-88	-88	51	139	
2020/21-1	MO-THO	srgt environ	2/3/2021	Organic	2-Fluorobiphenyl	n/a	=	41.5	µg/L	EPA 625.1	-88	-88			
2020/21-1	MO-THO	srgt environ, rec	2/3/2021	Organic	2-Fluorobiphenyl	n/a	=	83	%	EPA 625.1	-88	-88	22	120	
2020/21-1	MO-VEN	srgt environ	1/30/2021	Organic	2-Fluorobiphenyl	n/a	=	33.3	µg/L	EPA 8270C	-88	-88			
2020/21-1	MO-VEN	srgt environ, rec	1/30/2021	Organic	2-Fluorobiphenyl	n/a	=	67	%	EPA 8270C	-88	-88	51	139	
2020/21-1	MO-VEN	srgt environ	2/2/2021	Organic	2-Fluorobiphenyl	n/a	=	39.4	µg/L	EPA 625.1	-88	-88			
2020/21-1	MO-VEN	srgt environ, rec	2/2/2021	Organic	2-Fluorobiphenyl	n/a	=	79	%	EPA 625.1	-88	-88	22	120	
2020/21-1	Lab	srgt LCS	1/7/2021	Organic	2-Fluorophenol	n/a	=	4.39	µg/L	EPA 625.1	-88	-88			
2020/21-1	Lab	srgt LCS, rec	1/7/2021	Organic	2-Fluorophenol	n/a	=	44	%	EPA 625.1	-88	-88	17	120	
2020/21-1	Lab	srgt LCS dup	1/7/2021	Organic	2-Fluorophenol	n/a	=	5.21	µg/L	EPA 625.1	-88	-88			
2020/21-1	Lab	srgt LCS dup, rec	1/7/2021	Organic	2-Fluorophenol	n/a	=	52	%	EPA 625.1	-88	-88	17	120	
2020/21-1	Lab	srgt method blank	1/7/2021	Organic	2-Fluorophenol	n/a	=	4.83	µg/L	EPA 625.1	-88	-88			
2020/21-1	Lab	srgt method blank, rec	1/7/2021	Organic	2-Fluorophenol	n/a	=	48	%	EPA 625.1	-88	-88	17	120	
2020/21-1	Lab	srgt method blank	2/1/2021	Organic	2-Fluorophenol	n/a	=	4.11	µg/L	EPA 8270C	-88	-88			
2020/21-1	Lab	srgt method blank, rec	2/1/2021	Organic	2-Fluorophenol	n/a	=	41	%	EPA 8270C	-88	-88	11	62	
2020/21-1	Lab	srgt LCS	2/1/2021	Organic	2-Fluorophenol	n/a	=	4.18	µg/L	EPA 8270C	-88	-88			
2020/21-1	Lab	srgt LCS, rec	2/1/2021	Organic	2-Fluorophenol	n/a	=	42	%	EPA 8270C	-88	-88	11	62	
2020/21-1	Lab	srgt LCS dup	2/1/2021	Organic	2-Fluorophenol	n/a	=	4.83	µg/L	EPA 8270C	-88	-88			
2020/21-1	Lab	srgt LCS dup, rec	2/1/2021	Organic	2-Fluorophenol	n/a	=	48	%	EPA 8270C	-88	-88	11	62	
2020/21-1	Lab	srgt LCS	2/2/2021	Organic	2-Fluorophenol	n/a	=	5.02	µg/L	EPA 625.1	-88	-88			
2020/21-1	Lab	srgt LCS, rec	2/2/2021	Organic	2-Fluorophenol	n/a	=	50	%	EPA 625.1	-88	-88	17	120	
2020/21-1	Lab	srgt LCS dup	2/2/2021	Organic	2-Fluorophenol	n/a	=	6	µg/L	EPA 625.1	-88	-88			
2020/21-1	Lab	srgt LCS dup, rec	2/2/2021	Organic	2-Fluorophenol	n/a	=	60	%	EPA 625.1	-88	-88	17	120	
2020/21-1	Lab	srgt method blank	2/2/2021	Organic	2-Fluorophenol	n/a	=	5.54	µg/L	EPA 625.1	-88	-88			
2020/21-1	Lab	srgt method blank, rec	2/2/2021	Organic	2-Fluorophenol	n/a	=	55	%	EPA 625.1	-88	-88	17	120	
2020/21-1	ME-CC	srgt environ	2/1/2021	Organic	2-Fluorophenol	n/a	=	4.64	µg/L	EPA 8270C	-88	-88			
2020/21-1	ME-CC	srgt environ, rec	2/1/2021	Organic	2-Fluorophenol	n/a	=	46	%	EPA 8270C	-88	-88	11	62	
2020/21-1	ME-CC	srgt environ	2/2/2021	Organic	2-Fluorophenol	n/a	=	5.29	µg/L	EPA 625.1	-88	-88			
2020/21-1	ME-CC	srgt environ, rec	2/2/2021	Organic	2-Fluorophenol	n/a	=	53	%	EPA 625.1	-88	-88	17	120	
2020/21-1	ME-SCR	srgt environ	2/2/2021	Organic	2-Fluorophenol	n/a	=	45.5	µg/L	EPA 8270C	-88	-88			
2020/21-1	ME-SCR	srgt environ, rec	2/2/2021	Organic	2-Fluorophenol	n/a	=	46	%	EPA 8270C	-88	-88	11	62	
2020/21-1	ME-SCR	srgt environ	2/2/2021	Organic	2-Fluorophenol	n/a	=	54.8	µg/L	EPA 625.1	-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	
2020/21-1	ME-SCR	srqt environ, rec	2/2/2021	Organic	2-Fluorophenol	n/a	=	55	%	EPA 625.1	-88	-88	17	120	
2020/21-1	ME-VR2	srqt environ	2/2/2021	Organic	2-Fluorophenol	n/a	=	4.64	µg/L	EPA 8270C	-88	-88			
2020/21-1	ME-VR2	srqt environ, rec	2/2/2021	Organic	2-Fluorophenol	n/a	=	46	%	EPA 8270C	-88	-88	11	62	
2020/21-1	ME-VR2	srqt environ	2/2/2021	Organic	2-Fluorophenol	n/a	=	5.69	µg/L	EPA 625.1	-88	-88			
2020/21-1	ME-VR2	srqt environ, rec	2/2/2021	Organic	2-Fluorophenol	n/a	=	57	%	EPA 625.1	-88	-88	17	120	
2020/21-1	MO-CAM	srqt environ	2/2/2021	Organic	2-Fluorophenol	n/a	=	18.8	µg/L	EPA 8270C	-88	-88			
2020/21-1	MO-CAM	srqt environ, rec	2/2/2021	Organic	2-Fluorophenol	n/a	=	19	%	EPA 8270C	-88	-88	11	62	
2020/21-1	MO-CAM	srqt environ	2/2/2021	Organic	2-Fluorophenol	n/a	=	22.1	µg/L	EPA 625.1	-88	-88			
2020/21-1	MO-CAM	srqt environ, rec	2/2/2021	Organic	2-Fluorophenol	n/a	=	22	%	EPA 625.1	-88	-88	17	120	
2020/21-1	MO-FIL	srqt environ	2/2/2021	Organic	2-Fluorophenol	n/a	=	37.1	µg/L	EPA 8270C	-88	-88			
2020/21-1	MO-FIL	srqt environ, rec	2/2/2021	Organic	2-Fluorophenol	n/a	=	37	%	EPA 8270C	-88	-88	11	62	
2020/21-1	MO-FIL	srqt environ	2/2/2021	Organic	2-Fluorophenol	n/a	=	44.6	µg/L	EPA 625.1	-88	-88			
2020/21-1	MO-FIL	srqt environ, rec	2/2/2021	Organic	2-Fluorophenol	n/a	=	45	%	EPA 625.1	-88	-88	17	120	
2020/21-1	MO-HUE	srqt environ	2/2/2021	Organic	2-Fluorophenol	n/a	=	44.9	µg/L	EPA 8270C	-88	-88			
2020/21-1	MO-HUE	srqt environ, rec	2/2/2021	Organic	2-Fluorophenol	n/a	=	45	%	EPA 8270C	-88	-88	11	62	
2020/21-1	MO-HUE	srqt environ	2/3/2021	Organic	2-Fluorophenol	n/a	=	54.1	µg/L	EPA 625.1	-88	-88			
2020/21-1	MO-HUE	srqt environ, rec	2/3/2021	Organic	2-Fluorophenol	n/a	=	54	%	EPA 625.1	-88	-88	17	120	
2020/21-1	MO-MEI	srqt environ	2/2/2021	Organic	2-Fluorophenol	n/a	=	35.8	µg/L	EPA 8270C	-88	-88			
2020/21-1	MO-MEI	srqt environ, rec	2/2/2021	Organic	2-Fluorophenol	n/a	=	36	%	EPA 8270C	-88	-88	11	62	
2020/21-1	MO-MEI	srqt environ	2/2/2021	Organic	2-Fluorophenol	n/a	=	43.5	µg/L	EPA 625.1	-88	-88			
2020/21-1	MO-MEI	srqt environ, rec	2/2/2021	Organic	2-Fluorophenol	n/a	=	43	%	EPA 625.1	-88	-88	17	120	
2020/21-1	MO-MPK	srqt environ	2/2/2021	Organic	2-Fluorophenol	n/a	=	40.7	µg/L	EPA 8270C	-88	-88			
2020/21-1	MO-MPK	srqt environ, rec	2/2/2021	Organic	2-Fluorophenol	n/a	=	41	%	EPA 8270C	-88	-88	11	62	
2020/21-1	MO-MPK	srqt environ	2/3/2021	Organic	2-Fluorophenol	n/a	=	49.4	µg/L	EPA 625.1	-88	-88			
2020/21-1	MO-MPK	srqt environ, rec	2/3/2021	Organic	2-Fluorophenol	n/a	=	49	%	EPA 625.1	-88	-88	17	120	
2020/21-1	MO-OJA	srqt environ	2/2/2021	Organic	2-Fluorophenol	n/a	=	44.7	µg/L	EPA 8270C	-88	-88			
2020/21-1	MO-OJA	srqt environ, rec	2/2/2021	Organic	2-Fluorophenol	n/a	=	44.7	µg/L	EPA 8270C	-88	-88			
2020/21-1	MO-OJA	srqt environ	2/2/2021	Organic	2-Fluorophenol	n/a	=	45	%	EPA 8270C	-88	-88	11	62	
2020/21-1	MO-OJA	srqt environ	2/2/2021	Organic	2-Fluorophenol	n/a	=	53.5	µg/L	EPA 625.1	-88	-88			
2020/21-1	MO-OJA	srqt environ, rec	2/2/2021	Organic	2-Fluorophenol	n/a	=	54	%	EPA 625.1	-88	-88	17	120	
2020/21-1	MO-OXN	srqt environ	2/2/2021	Organic	2-Fluorophenol	n/a	=	35.4	µg/L	EPA 8270C	-88	-88			
2020/21-1	MO-OXN	srqt environ, rec	2/2/2021	Organic	2-Fluorophenol	n/a	=	35	%	EPA 8270C	-88	-88	11	62	
2020/21-1	MO-OXN	srqt environ	2/3/2021	Organic	2-Fluorophenol	n/a	=	43.2	µg/L	EPA 625.1	-88	-88			
2020/21-1	MO-OXN	srqt environ, rec	2/3/2021	Organic	2-Fluorophenol	n/a	=	43	%	EPA 625.1	-88	-88	17	120	
2020/21-1	MO-SIM	srqt environ	2/2/2021	Organic	2-Fluorophenol	n/a	=	41.9	µg/L	EPA 8270C	-88	-88			
2020/21-1	MO-SIM	srqt environ, rec	2/2/2021	Organic	2-Fluorophenol	n/a	=	42	%	EPA 8270C	-88	-88	11	62	
2020/21-1	MO-SIM	srqt environ	2/2/2021	Organic	2-Fluorophenol	n/a	=	52.3	µg/L	EPA 625.1	-88	-88			
2020/21-1	MO-SIM	srqt environ, rec	2/2/2021	Organic	2-Fluorophenol	n/a	=	52	%	EPA 625.1	-88	-88	17	120	
2020/21-1	MO-SPA	srqt environ	2/2/2021	Organic	2-Fluorophenol	n/a	=	37.7	µg/L	EPA 8270C	-88	-88			
2020/21-1	MO-SPA	srqt environ, rec	2/2/2021	Organic	2-Fluorophenol	n/a	=	38	%	EPA 8270C	-88	-88	11	62	
2020/21-1	MO-SPA	srqt environ	2/2/2021	Organic	2-Fluorophenol	n/a	=	43.5	µg/L	EPA 625.1	-88	-88			
2020/21-1	MO-SPA	srqt environ, rec	2/2/2021	Organic	2-Fluorophenol	n/a	=	44	%	EPA 625.1	-88	-88	17	120	
2020/21-1	MO-THO	srqt environ	2/2/2021	Organic	2-Fluorophenol	n/a	=	39.6	µg/L	EPA 8270C	-88	-88			
2020/21-1	MO-THO	srqt environ, rec	2/2/2021	Organic	2-Fluorophenol	n/a	=	40	%	EPA 8270C	-88	-88	11	62	
2020/21-1	MO-THO	srqt environ	2/3/2021	Organic	2-Fluorophenol	n/a	=	48.1	µg/L	EPA 625.1	-88	-88			
2020/21-1	MO-THO	srqt environ, rec	2/3/2021	Organic	2-Fluorophenol	n/a	=	48	%	EPA 625.1	-88	-88	17	120	
2020/21-1	MO-VEN	srqt environ	2/2/2021	Organic	2-Fluorophenol	n/a	=	41.2	µg/L	EPA 8270C	-88	-88			
2020/21-1	MO-VEN	srqt environ, rec	2/2/2021	Organic	2-Fluorophenol	n/a	=	41	%	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	
2020/21-1	MO-VEN	srgt environ	2/2/2021	Organic	2-Fluorophenol	n/a	=	49.4	µg/L	EPA 625.1	-88	-88			
2020/21-1	MO-VEN	srgt environ, rec	2/2/2021	Organic	2-Fluorophenol	n/a	=	49	%	EPA 625.1	-88	-88	17	120	
2020/21-1	Lab	method blank	1/30/2021	Organic	2-Methylnaphthalene	n/a	<	0.026	µg/L	EPA 8270C	0.026	0.1			
2020/21-1	Lab	method blank	2/1/2021	Organic	2-Methylphenol	n/a	<	0.34	µg/L	EPA 8270C	0.34	1			
2020/21-1	Lab	LCS	1/7/2021	Organic	2-Nitrophenol	n/a	=	7.35	µg/L	EPA 625.1	0.26	1			
2020/21-1	Lab	LCS, rec	1/7/2021	Organic	2-Nitrophenol	n/a	=	73	%	EPA 625.1	-88	-88	45	167	
2020/21-1	Lab	LCS dup	1/7/2021	Organic	2-Nitrophenol	n/a	=	8.57	µg/L	EPA 625.1	0.26	1			
2020/21-1	Lab	LCS dup, rec	1/7/2021	Organic	2-Nitrophenol	n/a	=	86	%	EPA 625.1	-88	-88	45	167	
2020/21-1	Lab	LCS, RPD	1/7/2021	Organic	2-Nitrophenol	n/a	=	15	%	EPA 625.1	-88	-88	0	30	
2020/21-1	Lab	method blank	1/7/2021	Organic	2-Nitrophenol	n/a	<	0.26	µg/L	EPA 625.1	0.26	1			
2020/21-1	Lab	method blank	2/1/2021	Organic	2-Nitrophenol	n/a	<	0.71	µg/L	EPA 8270C	0.71	1			
2020/21-1	Lab	LCS	2/1/2021	Organic	2-Nitrophenol	n/a	=	6.27	µg/L	EPA 8270C	0.71	1			
2020/21-1	Lab	LCS, rec	2/1/2021	Organic	2-Nitrophenol	n/a	=	63	%	EPA 8270C	-88	-88	33	103	
2020/21-1	Lab	LCS dup	2/1/2021	Organic	2-Nitrophenol	n/a	=	7.42	µg/L	EPA 8270C	0.71	1			
2020/21-1	Lab	LCS dup, rec	2/1/2021	Organic	2-Nitrophenol	n/a	=	74	%	EPA 8270C	-88	-88	33	103	
2020/21-1	Lab	LCS, RPD	2/1/2021	Organic	2-Nitrophenol	n/a	=	17	%	EPA 8270C	-88	-88	0	30	
2020/21-1	Lab	LCS	2/2/2021	Organic	2-Nitrophenol	n/a	=	8.19	µg/L	EPA 625.1	0.26	1			
2020/21-1	Lab	LCS, rec	2/2/2021	Organic	2-Nitrophenol	n/a	=	82	%	EPA 625.1	-88	-88	45	167	
2020/21-1	Lab	LCS dup	2/2/2021	Organic	2-Nitrophenol	n/a	=	10.2	µg/L	EPA 625.1	0.26	1			
2020/21-1	Lab	LCS dup, rec	2/2/2021	Organic	2-Nitrophenol	n/a	=	102	%	EPA 625.1	-88	-88	45	167	
2020/21-1	Lab	LCS, RPD	2/2/2021	Organic	2-Nitrophenol	n/a	=	22	%	EPA 625.1	-88	-88	0	30	
2020/21-1	Lab	method blank	2/2/2021	Organic	2-Nitrophenol	n/a	<	0.26	µg/L	EPA 625.1	0.26	1			
2020/21-1	Lab	LCS	1/7/2021	Organic	3,3'-Dichlorobenzidine	n/a	=	16.5	µg/L	EPA 625.1	0.99	5			
2020/21-1	Lab	LCS, rec	1/7/2021	Organic	3,3'-Dichlorobenzidine	n/a	=	165	%	EPA 625.1	-88	-88	8	213	
2020/21-1	Lab	LCS dup	1/7/2021	Organic	3,3'-Dichlorobenzidine	n/a	=	17.3	µg/L	EPA 625.1	0.99	5			
2020/21-1	Lab	LCS dup, rec	1/7/2021	Organic	3,3'-Dichlorobenzidine	n/a	=	173	%	EPA 625.1	-88	-88	8	213	
2020/21-1	Lab	LCS, RPD	1/7/2021	Organic	3,3'-Dichlorobenzidine	n/a	=	4	%	EPA 625.1	-88	-88	0	30	
2020/21-1	Lab	method blank	1/7/2021	Organic	3,3'-Dichlorobenzidine	n/a	<	0.99	µg/L	EPA 625.1	0.99	5			
2020/21-1	Lab	LCS	2/2/2021	Organic	3,3'-Dichlorobenzidine	n/a	=	8.85	µg/L	EPA 625.1	0.99	5			
2020/21-1	Lab	LCS, rec	2/2/2021	Organic	3,3'-Dichlorobenzidine	n/a	=	88	%	EPA 625.1	-88	-88	8	213	
2020/21-1	Lab	LCS dup	2/2/2021	Organic	3,3'-Dichlorobenzidine	n/a	=	8.84	µg/L	EPA 625.1	0.99	5			
2020/21-1	Lab	LCS dup, rec	2/2/2021	Organic	3,3'-Dichlorobenzidine	n/a	=	88	%	EPA 625.1	-88	-88	8	213	
2020/21-1	Lab	LCS, RPD	2/2/2021	Organic	3,3'-Dichlorobenzidine	n/a	=	0.04	%	EPA 625.1	-88	-88	0	30	
2020/21-1	Lab	method blank	2/2/2021	Organic	3,3'-Dichlorobenzidine	n/a	<	0.99	µg/L	EPA 625.1	0.99	5			
2020/21-1	Lab	method blank	2/1/2021	Organic	3-/4-Methylphenol	n/a	<	0.3	µg/L	EPA 8270C	0.3	1			
2020/21-1	Lab	LCS	1/7/2021	Organic	4,6-Dinitro-2-methylphenol	n/a	=	9.77	µg/L	EPA 625.1	1.4	5			
2020/21-1	Lab	LCS, rec	1/7/2021	Organic	4,6-Dinitro-2-methylphenol	n/a	=	98	%	EPA 625.1	-88	-88	53	130	
2020/21-1	Lab	LCS dup	1/7/2021	Organic	4,6-Dinitro-2-methylphenol	n/a	=	10.3	µg/L	EPA 625.1	1.4	5			
2020/21-1	Lab	LCS dup, rec	1/7/2021	Organic	4,6-Dinitro-2-methylphenol	n/a	=	103	%	EPA 625.1	-88	-88	53	130	
2020/21-1	Lab	LCS, RPD	1/7/2021	Organic	4,6-Dinitro-2-methylphenol	n/a	=	5	%	EPA 625.1	-88	-88	0	30	
2020/21-1	Lab	method blank	1/7/2021	Organic	4,6-Dinitro-2-methylphenol	n/a	<	1.4	µg/L	EPA 625.1	1.4	5			
2020/21-1	Lab	method blank	2/1/2021	Organic	4,6-Dinitro-2-methylphenol	n/a	<	0.14	µg/L	EPA 8270C	0.14	1			
2020/21-1	Lab	LCS	2/1/2021	Organic	4,6-Dinitro-2-methylphenol	n/a	=	9.87	µg/L	EPA 8270C	0.14	1			
2020/21-1	Lab	LCS, rec	2/1/2021	Organic	4,6-Dinitro-2-methylphenol	n/a	=	99	%	EPA 8270C	-88	-88	33	118	
2020/21-1	Lab	LCS dup	2/1/2021	Organic	4,6-Dinitro-2-methylphenol	n/a	=	9.85	µg/L	EPA 8270C	0.14	1			
2020/21-1	Lab	LCS dup, rec	2/1/2021	Organic	4,6-Dinitro-2-methylphenol	n/a	=	98	%	EPA 8270C	-88	-88	33	118	
2020/21-1	Lab	LCS, RPD	2/1/2021	Organic	4,6-Dinitro-2-methylphenol	n/a	=	0.2	%	EPA 8270C	-88	-88	0	30	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2020/21-1	Lab	LCS	2/2/2021	Organic	4,6-Dinitro-2-methylphenol	n/a	=	9.19	µg/L	EPA 625.1	1.4	5			
2020/21-1	Lab	LCS, rec	2/2/2021	Organic	4,6-Dinitro-2-methylphenol	n/a	=	92	%	EPA 625.1	-88	-88	53	130	
2020/21-1	Lab	LCS dup	2/2/2021	Organic	4,6-Dinitro-2-methylphenol	n/a	=	10.8	µg/L	EPA 625.1	1.4	5			
2020/21-1	Lab	LCS dup, rec	2/2/2021	Organic	4,6-Dinitro-2-methylphenol	n/a	=	108	%	EPA 625.1	-88	-88	53	130	
2020/21-1	Lab	LCS, RPD	2/2/2021	Organic	4,6-Dinitro-2-methylphenol	n/a	=	16	%	EPA 625.1	-88	-88	0	30	
2020/21-1	Lab	method blank	2/2/2021	Organic	4,6-Dinitro-2-methylphenol	n/a	<	1.4	µg/L	EPA 625.1	1.4	5			
2020/21-1	Lab	srgt LCS	12/29/2020	Organic	4-Bromofluorobenzene	n/a	=	52.1	µg/L	EPA 624.1	-88	-88			
2020/21-1	Lab	srgt LCS, rec	12/29/2020	Organic	4-Bromofluorobenzene	n/a	=	104	%	EPA 624.1	-88	-88	88	108	
2020/21-1	Lab	srgt LCS dup	12/29/2020	Organic	4-Bromofluorobenzene	n/a	=	51.4	µg/L	EPA 624.1	-88	-88			
2020/21-1	Lab	srgt LCS dup, rec	12/29/2020	Organic	4-Bromofluorobenzene	n/a	=	103	%	EPA 624.1	-88	-88	88	108	
2020/21-1	Lab	srgt method blank	12/29/2020	Organic	4-Bromofluorobenzene	n/a	=	46.8	µg/L	EPA 624.1	-88	-88			
2020/21-1	Lab	srgt method blank, rec	12/29/2020	Organic	4-Bromofluorobenzene	n/a	=	94	%	EPA 624.1	-88	-88	88	108	
2020/21-1	Lab	srgt LCS	12/30/2020	Organic	4-Bromofluorobenzene	n/a	=	51.1	µg/L	EPA 624.1	-88	-88			
2020/21-1	Lab	srgt LCS, rec	12/30/2020	Organic	4-Bromofluorobenzene	n/a	=	102	%	EPA 624.1	-88	-88	88	108	
2020/21-1	Lab	srgt LCS dup	12/30/2020	Organic	4-Bromofluorobenzene	n/a	=	52.8	µg/L	EPA 624.1	-88	-88			
2020/21-1	Lab	srgt LCS dup, rec	12/30/2020	Organic	4-Bromofluorobenzene	n/a	=	106	%	EPA 624.1	-88	-88	88	108	
2020/21-1	Lab	srgt method blank	12/30/2020	Organic	4-Bromofluorobenzene	n/a	=	46.4	µg/L	EPA 624.1	-88	-88			
2020/21-1	Lab	srgt method blank, rec	12/30/2020	Organic	4-Bromofluorobenzene	n/a	=	93	%	EPA 624.1	-88	-88	88	108	
2020/21-1	Lab	srgt LCS	1/3/2021	Organic	4-Bromofluorobenzene	n/a	=	50.5	µg/L	LUFT GC/MS	-88	-88			
2020/21-1	Lab	srgt LCS, rec	1/3/2021	Organic	4-Bromofluorobenzene	n/a	=	101	%	LUFT GC/MS	-88	-88	83	110	
2020/21-1	Lab	srgt LCS dup	1/3/2021	Organic	4-Bromofluorobenzene	n/a	=	49.9	µg/L	LUFT GC/MS	-88	-88			
2020/21-1	Lab	srgt LCS dup, rec	1/3/2021	Organic	4-Bromofluorobenzene	n/a	=	100	%	LUFT GC/MS	-88	-88	83	110	
2020/21-1	Lab	srgt method blank	1/3/2021	Organic	4-Bromofluorobenzene	n/a	=	48	µg/L	LUFT GC/MS	-88	-88			
2020/21-1	Lab	srgt method blank, rec	1/3/2021	Organic	4-Bromofluorobenzene	n/a	=	96	%	LUFT GC/MS	-88	-88	83	110	
2020/21-1	ME-CC	srgt environ	12/29/2020	Organic	4-Bromofluorobenzene	n/a	=	45.2	µg/L	EPA 624.1	-88	-88			
2020/21-1	ME-CC	srgt environ, rec	12/29/2020	Organic	4-Bromofluorobenzene	n/a	=	90	%	EPA 624.1	-88	-88	88	108	
2020/21-1	ME-CC	srgt environ	1/3/2021	Organic	4-Bromofluorobenzene	n/a	=	48.1	µg/L	LUFT GC/MS	-88	-88			
2020/21-1	ME-CC	srgt environ, rec	1/3/2021	Organic	4-Bromofluorobenzene	n/a	=	96	%	LUFT GC/MS	-88	-88	83	110	
2020/21-1	ME-SCR	srgt environ	12/29/2020	Organic	4-Bromofluorobenzene	n/a	=	46.4	µg/L	EPA 624.1	-88	-88			
2020/21-1	ME-SCR	srgt environ, rec	12/29/2020	Organic	4-Bromofluorobenzene	n/a	=	93	%	EPA 624.1	-88	-88	88	108	
2020/21-1	ME-SCR	srgt environ	1/3/2021	Organic	4-Bromofluorobenzene	n/a	=	47.2	µg/L	LUFT GC/MS	-88	-88			
2020/21-1	ME-SCR	srgt environ, rec	1/3/2021	Organic	4-Bromofluorobenzene	n/a	=	94	%	LUFT GC/MS	-88	-88	83	110	
2020/21-1	ME-VR2	srgt environ	12/29/2020	Organic	4-Bromofluorobenzene	n/a	=	47.5	µg/L	EPA 624.1	-88	-88			
2020/21-1	ME-VR2	srgt environ, rec	12/29/2020	Organic	4-Bromofluorobenzene	n/a	=	95	%	EPA 624.1	-88	-88	88	108	
2020/21-1	ME-VR2	srgt environ	1/3/2021	Organic	4-Bromofluorobenzene	n/a	=	47.3	µg/L	LUFT GC/MS	-88	-88			
2020/21-1	ME-VR2	srgt environ, rec	1/3/2021	Organic	4-Bromofluorobenzene	n/a	=	95	%	LUFT GC/MS	-88	-88	83	110	
2020/21-1	MO-CAM	srgt environ	12/29/2020	Organic	4-Bromofluorobenzene	n/a	=	46.2	µg/L	EPA 624.1	-88	-88			
2020/21-1	MO-CAM	srgt environ, rec	12/29/2020	Organic	4-Bromofluorobenzene	n/a	=	92	%	EPA 624.1	-88	-88	88	108	
2020/21-1	MO-CAM	srgt environ	1/3/2021	Organic	4-Bromofluorobenzene	n/a	=	47.6	µg/L	LUFT GC/MS	-88	-88			
2020/21-1	MO-CAM	srgt environ, rec	1/3/2021	Organic	4-Bromofluorobenzene	n/a	=	95	%	LUFT GC/MS	-88	-88	83	110	
2020/21-1	MO-FIL	srgt environ	12/30/2020	Organic	4-Bromofluorobenzene	n/a	=	46.1	µg/L	EPA 624.1	-88	-88			
2020/21-1	MO-FIL	srgt environ, rec	12/30/2020	Organic	4-Bromofluorobenzene	n/a	=	92	%	EPA 624.1	-88	-88	88	108	
2020/21-1	MO-FIL	srgt environ	1/3/2021	Organic	4-Bromofluorobenzene	n/a	=	46.9	µg/L	LUFT GC/MS	-88	-88			
2020/21-1	MO-FIL	srgt environ, rec	1/3/2021	Organic	4-Bromofluorobenzene	n/a	=	94	%	LUFT GC/MS	-88	-88	83	110	
2020/21-1	MO-HUE	srgt field duplicate	12/29/2020	Organic	4-Bromofluorobenzene	n/a	=	46.4	µg/L	EPA 624.1	-88	-88			
2020/21-1	MO-HUE	srgt field duplicate, rec	12/29/2020	Organic	4-Bromofluorobenzene	n/a	=	93	%	EPA 624.1	-88	-88	88	108	
2020/21-1	MO-HUE	srgt environ	12/30/2020	Organic	4-Bromofluorobenzene	n/a	=	46.2	µg/L	EPA 624.1	-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	
2020/21-1	MO-HUE	srqt environ, rec	12/30/2020	Organic	4-Bromofluorobenzene	n/a	=	92	%	EPA 624.1	-88	-88	88	108	
2020/21-1	MO-HUE	srqt field blank	12/30/2020	Organic	4-Bromofluorobenzene	n/a	=	43.8	µg/L	EPA 624.1	-88	-88			
2020/21-1	MO-HUE	srqt field blank, rec	12/30/2020	Organic	4-Bromofluorobenzene	n/a	=	88	%	EPA 624.1	-88	-88	88	108	
2020/21-1	MO-HUE	srqt field duplicate	1/3/2021	Organic	4-Bromofluorobenzene	n/a	=	47.1	µg/L	LUFT GC/MS	-88	-88			
2020/21-1	MO-HUE	srqt field duplicate, rec	1/3/2021	Organic	4-Bromofluorobenzene	n/a	=	94	%	LUFT GC/MS	-88	-88	83	110	
2020/21-1	MO-HUE	srqt environ	1/3/2021	Organic	4-Bromofluorobenzene	n/a	=	47.3	µg/L	LUFT GC/MS	-88	-88			
2020/21-1	MO-HUE	srqt environ, rec	1/3/2021	Organic	4-Bromofluorobenzene	n/a	=	95	%	LUFT GC/MS	-88	-88	83	110	
2020/21-1	MO-HUE	srqt field blank	1/4/2021	Organic	4-Bromofluorobenzene	n/a	=	47.4	µg/L	LUFT GC/MS	-88	-88			
2020/21-1	MO-HUE	srqt field blank, rec	1/4/2021	Organic	4-Bromofluorobenzene	n/a	=	95	%	LUFT GC/MS	-88	-88	83	110	
2020/21-1	MO-MEI	srqt environ	12/29/2020	Organic	4-Bromofluorobenzene	n/a	=	46.9	µg/L	EPA 624.1	-88	-88			
2020/21-1	MO-MEI	srqt environ, rec	12/29/2020	Organic	4-Bromofluorobenzene	n/a	=	94	%	EPA 624.1	-88	-88	88	108	
2020/21-1	MO-MEI	srqt environ	1/3/2021	Organic	4-Bromofluorobenzene	n/a	=	47.6	µg/L	LUFT GC/MS	-88	-88			
2020/21-1	MO-MEI	srqt environ, rec	1/3/2021	Organic	4-Bromofluorobenzene	n/a	=	95	%	LUFT GC/MS	-88	-88	83	110	
2020/21-1	MO-MPK	srqt environ	12/30/2020	Organic	4-Bromofluorobenzene	n/a	=	46.6	µg/L	EPA 624.1	-88	-88			
2020/21-1	MO-MPK	srqt environ, rec	12/30/2020	Organic	4-Bromofluorobenzene	n/a	=	93	%	EPA 624.1	-88	-88	88	108	
2020/21-1	MO-MPK	srqt environ	1/3/2021	Organic	4-Bromofluorobenzene	n/a	=	47.2	µg/L	LUFT GC/MS	-88	-88			
2020/21-1	MO-MPK	srqt environ, rec	1/3/2021	Organic	4-Bromofluorobenzene	n/a	=	94	%	LUFT GC/MS	-88	-88	83	110	
2020/21-1	MO-OJA	srqt environ	12/29/2020	Organic	4-Bromofluorobenzene	n/a	=	45.4	µg/L	EPA 624.1	-88	-88			
2020/21-1	MO-OJA	srqt environ, rec	12/29/2020	Organic	4-Bromofluorobenzene	n/a	=	91	%	EPA 624.1	-88	-88	88	108	
2020/21-1	MO-OJA	srqt environ	1/3/2021	Organic	4-Bromofluorobenzene	n/a	=	46.9	µg/L	LUFT GC/MS	-88	-88			
2020/21-1	MO-OJA	srqt environ, rec	1/3/2021	Organic	4-Bromofluorobenzene	n/a	=	94	%	LUFT GC/MS	-88	-88	83	110	
2020/21-1	MO-OXN	srqt environ	12/29/2020	Organic	4-Bromofluorobenzene	n/a	=	45.2	µg/L	EPA 624.1	-88	-88			
2020/21-1	MO-OXN	srqt environ, rec	12/29/2020	Organic	4-Bromofluorobenzene	n/a	=	90	%	EPA 624.1	-88	-88	88	108	
2020/21-1	MO-OXN	srqt environ	1/3/2021	Organic	4-Bromofluorobenzene	n/a	=	47.8	µg/L	LUFT GC/MS	-88	-88			
2020/21-1	MO-OXN	srqt environ, rec	1/3/2021	Organic	4-Bromofluorobenzene	n/a	=	96	%	LUFT GC/MS	-88	-88	83	110	
2020/21-1	MO-SIM	srqt environ	12/30/2020	Organic	4-Bromofluorobenzene	n/a	=	45.3	µg/L	EPA 624.1	-88	-88			
2020/21-1	MO-SIM	srqt environ, rec	12/30/2020	Organic	4-Bromofluorobenzene	n/a	=	91	%	EPA 624.1	-88	-88	88	108	
2020/21-1	MO-SIM	srqt environ	1/3/2021	Organic	4-Bromofluorobenzene	n/a	=	46.2	µg/L	LUFT GC/MS	-88	-88			
2020/21-1	MO-SIM	srqt environ, rec	1/3/2021	Organic	4-Bromofluorobenzene	n/a	=	92	%	LUFT GC/MS	-88	-88	83	110	
2020/21-1	MO-SPA	srqt environ	12/29/2020	Organic	4-Bromofluorobenzene	n/a	=	46.6	µg/L	EPA 624.1	-88	-88			
2020/21-1	MO-SPA	srqt environ, rec	12/29/2020	Organic	4-Bromofluorobenzene	n/a	=	93	%	EPA 624.1	-88	-88	88	108	
2020/21-1	MO-SPA	srqt environ	1/3/2021	Organic	4-Bromofluorobenzene	n/a	=	47.8	µg/L	LUFT GC/MS	-88	-88			
2020/21-1	MO-SPA	srqt environ, rec	1/3/2021	Organic	4-Bromofluorobenzene	n/a	=	96	%	LUFT GC/MS	-88	-88	83	110	
2020/21-1	MO-THO	srqt environ	12/30/2020	Organic	4-Bromofluorobenzene	n/a	=	44.8	µg/L	EPA 624.1	-88	-88			
2020/21-1	MO-THO	srqt environ, rec	12/30/2020	Organic	4-Bromofluorobenzene	n/a	=	90	%	EPA 624.1	-88	-88	88	108	
2020/21-1	MO-THO	srqt environ	1/3/2021	Organic	4-Bromofluorobenzene	n/a	=	46.8	µg/L	LUFT GC/MS	-88	-88			
2020/21-1	MO-THO	srqt environ, rec	1/3/2021	Organic	4-Bromofluorobenzene	n/a	=	94	%	LUFT GC/MS	-88	-88	83	110	
2020/21-1	MO-VEN	srqt environ	12/29/2020	Organic	4-Bromofluorobenzene	n/a	=	45.9	µg/L	EPA 624.1	-88	-88			
2020/21-1	MO-VEN	srqt environ, rec	12/29/2020	Organic	4-Bromofluorobenzene	n/a	=	92	%	EPA 624.1	-88	-88	88	108	
2020/21-1	MO-VEN	srqt environ	1/3/2021	Organic	4-Bromofluorobenzene	n/a	=	47.6	µg/L	LUFT GC/MS	-88	-88			
2020/21-1	MO-VEN	srqt environ, rec	1/3/2021	Organic	4-Bromofluorobenzene	n/a	=	95	%	LUFT GC/MS	-88	-88	83	110	
2020/21-1	Lab	LCS	1/7/2021	Organic	4-Bromophenyl phenyl ether	n/a	=	7.92	µg/L	EPA 625.1	0.36	1			
2020/21-1	Lab	LCS, rec	1/7/2021	Organic	4-Bromophenyl phenyl ether	n/a	=	79	%	EPA 625.1	-88	-88	65	120	
2020/21-1	Lab	LCS dup	1/7/2021	Organic	4-Bromophenyl phenyl ether	n/a	=	8.83	µg/L	EPA 625.1	0.36	1			
2020/21-1	Lab	LCS dup, rec	1/7/2021	Organic	4-Bromophenyl phenyl ether	n/a	=	88	%	EPA 625.1	-88	-88	65	120	
2020/21-1	Lab	LCS, RPD	1/7/2021	Organic	4-Bromophenyl phenyl ether	n/a	=	11	%	EPA 625.1	-88	-88	0	30	
2020/21-1	Lab	method blank	1/7/2021	Organic	4-Bromophenyl phenyl ether	n/a	<	0.36	µg/L	EPA 625.1	0.36	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	
2020/21-1	Lab	LCS	2/2/2021	Organic	4-Bromophenyl phenyl ether	n/a	=	8.15	µg/L	EPA 625.1	0.36	1			
2020/21-1	Lab	LCS, rec	2/2/2021	Organic	4-Bromophenyl phenyl ether	n/a	=	82	%	EPA 625.1	-88	-88	65	120	
2020/21-1	Lab	LCS dup	2/2/2021	Organic	4-Bromophenyl phenyl ether	n/a	=	9.11	µg/L	EPA 625.1	0.36	1			
2020/21-1	Lab	LCS dup, rec	2/2/2021	Organic	4-Bromophenyl phenyl ether	n/a	=	91	%	EPA 625.1	-88	-88	65	120	
2020/21-1	Lab	LCS, RPD	2/2/2021	Organic	4-Bromophenyl phenyl ether	n/a	=	11	%	EPA 625.1	-88	-88	0	30	
2020/21-1	Lab	method blank	2/2/2021	Organic	4-Bromophenyl phenyl ether	n/a	<	0.36	µg/L	EPA 625.1	0.36	1			
2020/21-1	Lab	LCS	1/7/2021	Organic	4-Chloro-3-methylphenol	n/a	=	6.92	µg/L	EPA 625.1	0.23	1			
2020/21-1	Lab	LCS, rec	1/7/2021	Organic	4-Chloro-3-methylphenol	n/a	=	69	%	EPA 625.1	-88	-88	41	128	
2020/21-1	Lab	LCS dup	1/7/2021	Organic	4-Chloro-3-methylphenol	n/a	=	7.68	µg/L	EPA 625.1	0.23	1			
2020/21-1	Lab	LCS dup, rec	1/7/2021	Organic	4-Chloro-3-methylphenol	n/a	=	77	%	EPA 625.1	-88	-88	41	128	
2020/21-1	Lab	LCS, RPD	1/7/2021	Organic	4-Chloro-3-methylphenol	n/a	=	10	%	EPA 625.1	-88	-88	0	30	
2020/21-1	Lab	method blank	1/7/2021	Organic	4-Chloro-3-methylphenol	n/a	<	0.23	µg/L	EPA 625.1	0.23	1			
2020/21-1	Lab	method blank	2/1/2021	Organic	4-Chloro-3-methylphenol	n/a	<	0.37	µg/L	EPA 8270C	0.37	1			
2020/21-1	Lab	LCS	2/1/2021	Organic	4-Chloro-3-methylphenol	n/a	=	6.17	µg/L	EPA 8270C	0.37	1			
2020/21-1	Lab	LCS, rec	2/1/2021	Organic	4-Chloro-3-methylphenol	n/a	=	62	%	EPA 8270C	-88	-88	29	108	
2020/21-1	Lab	LCS dup	2/1/2021	Organic	4-Chloro-3-methylphenol	n/a	=	6.73	µg/L	EPA 8270C	0.37	1			
2020/21-1	Lab	LCS dup, rec	2/1/2021	Organic	4-Chloro-3-methylphenol	n/a	=	67	%	EPA 8270C	-88	-88	29	108	
2020/21-1	Lab	LCS, RPD	2/1/2021	Organic	4-Chloro-3-methylphenol	n/a	=	9	%	EPA 8270C	-88	-88	0	30	
2020/21-1	Lab	LCS	2/2/2021	Organic	4-Chloro-3-methylphenol	n/a	=	7.83	µg/L	EPA 625.1	0.23	1			
2020/21-1	Lab	LCS, rec	2/2/2021	Organic	4-Chloro-3-methylphenol	n/a	=	78	%	EPA 625.1	-88	-88	41	128	
2020/21-1	Lab	LCS dup	2/2/2021	Organic	4-Chloro-3-methylphenol	n/a	=	8.98	µg/L	EPA 625.1	0.23	1			
2020/21-1	Lab	LCS dup, rec	2/2/2021	Organic	4-Chloro-3-methylphenol	n/a	=	90	%	EPA 625.1	-88	-88	41	128	
2020/21-1	Lab	LCS, RPD	2/2/2021	Organic	4-Chloro-3-methylphenol	n/a	=	14	%	EPA 625.1	-88	-88	0	30	
2020/21-1	Lab	method blank	2/2/2021	Organic	4-Chloro-3-methylphenol	n/a	<	0.23	µg/L	EPA 625.1	0.23	1			
2020/21-1	Lab	LCS	1/7/2021	Organic	4-Chlorophenyl phenyl ether	n/a	=	6.99	µg/L	EPA 625.1	0.41	1			
2020/21-1	Lab	LCS, rec	1/7/2021	Organic	4-Chlorophenyl phenyl ether	n/a	=	70	%	EPA 625.1	-88	-88	38	145	
2020/21-1	Lab	LCS dup	1/7/2021	Organic	4-Chlorophenyl phenyl ether	n/a	=	7.81	µg/L	EPA 625.1	0.41	1			
2020/21-1	Lab	LCS dup, rec	1/7/2021	Organic	4-Chlorophenyl phenyl ether	n/a	=	78	%	EPA 625.1	-88	-88	38	145	
2020/21-1	Lab	LCS, RPD	1/7/2021	Organic	4-Chlorophenyl phenyl ether	n/a	=	11	%	EPA 625.1	-88	-88	0	30	
2020/21-1	Lab	method blank	1/7/2021	Organic	4-Chlorophenyl phenyl ether	n/a	<	0.41	µg/L	EPA 625.1	0.41	1			
2020/21-1	Lab	LCS	2/2/2021	Organic	4-Chlorophenyl phenyl ether	n/a	=	7.63	µg/L	EPA 625.1	0.41	1			
2020/21-1	Lab	LCS, rec	2/2/2021	Organic	4-Chlorophenyl phenyl ether	n/a	=	76	%	EPA 625.1	-88	-88	38	145	
2020/21-1	Lab	LCS dup	2/2/2021	Organic	4-Chlorophenyl phenyl ether	n/a	=	8.61	µg/L	EPA 625.1	0.41	1			
2020/21-1	Lab	LCS dup, rec	2/2/2021	Organic	4-Chlorophenyl phenyl ether	n/a	=	86	%	EPA 625.1	-88	-88	38	145	
2020/21-1	Lab	LCS, RPD	2/2/2021	Organic	4-Chlorophenyl phenyl ether	n/a	=	12	%	EPA 625.1	-88	-88	0	30	
2020/21-1	Lab	method blank	2/2/2021	Organic	4-Chlorophenyl phenyl ether	n/a	<	0.41	µg/L	EPA 625.1	0.41	1			
2020/21-1	Lab	LCS	1/7/2021	Organic	4-Nitrophenol	n/a	DNQ	3.75	µg/L	EPA 625.1	1.2	5			
2020/21-1	Lab	LCS, rec	1/7/2021	Organic	4-Nitrophenol	n/a	=	38	%	EPA 625.1	-88	-88	13	129	
2020/21-1	Lab	LCS dup	1/7/2021	Organic	4-Nitrophenol	n/a	DNQ	3.68	µg/L	EPA 625.1	1.2	5			
2020/21-1	Lab	LCS dup, rec	1/7/2021	Organic	4-Nitrophenol	n/a	=	37	%	EPA 625.1	-88	-88	13	129	
2020/21-1	Lab	LCS, RPD	1/7/2021	Organic	4-Nitrophenol	n/a	=	2	%	EPA 625.1	-88	-88	0	30	
2020/21-1	Lab	method blank	1/7/2021	Organic	4-Nitrophenol	n/a	<	1.2	µg/L	EPA 625.1	1.2	5			
2020/21-1	Lab	method blank	2/1/2021	Organic	4-Nitrophenol	n/a	<	1	µg/L	EPA 8270C	1	2			
2020/21-1	Lab	LCS	2/1/2021	Organic	4-Nitrophenol	n/a	=	3.92	µg/L	EPA 8270C	1	2			
2020/21-1	Lab	LCS, rec	2/1/2021	Organic	4-Nitrophenol	n/a	=	39	%	EPA 8270C	-88	-88	6	46	
2020/21-1	Lab	LCS dup	2/1/2021	Organic	4-Nitrophenol	n/a	=	3.52	µg/L	EPA 8270C	1	2			
2020/21-1	Lab	LCS dup, rec	2/1/2021	Organic	4-Nitrophenol	n/a	=	35	%	EPA 8270C	-88	-88	6	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	
2020/21-1	Lab	LCS, RPD	2/1/2021	Organic	4-Nitrophenol	n/a	=	11	%	EPA 8270C	-88	-88	0	30	
2020/21-1	Lab	LCS	2/2/2021	Organic	4-Nitrophenol	n/a	DNQ	3.19	µg/L	EPA 625.1	1.2	5			
2020/21-1	Lab	LCS, rec	2/2/2021	Organic	4-Nitrophenol	n/a	=	32	%	EPA 625.1	-88	-88	13	129	
2020/21-1	Lab	LCS dup	2/2/2021	Organic	4-Nitrophenol	n/a	DNQ	3.46	µg/L	EPA 625.1	1.2	5			
2020/21-1	Lab	LCS dup, rec	2/2/2021	Organic	4-Nitrophenol	n/a	=	35	%	EPA 625.1	-88	-88	13	129	
2020/21-1	Lab	LCS, RPD	2/2/2021	Organic	4-Nitrophenol	n/a	=	8	%	EPA 625.1	-88	-88	0	30	
2020/21-1	Lab	method blank	2/2/2021	Organic	4-Nitrophenol	n/a	<	1.2	µg/L	EPA 625.1	1.2	5			
2020/21-1	Lab	LCS	1/7/2021	Organic	Acenaphthene	n/a	=	7.49	µg/L	EPA 625.1	0.38	1			
2020/21-1	Lab	LCS, rec	1/7/2021	Organic	Acenaphthene	n/a	=	75	%	EPA 625.1	-88	-88	60	132	
2020/21-1	Lab	LCS dup	1/7/2021	Organic	Acenaphthene	n/a	=	8.29	µg/L	EPA 625.1	0.38	1			
2020/21-1	Lab	LCS dup, rec	1/7/2021	Organic	Acenaphthene	n/a	=	83	%	EPA 625.1	-88	-88	60	132	
2020/21-1	Lab	LCS, RPD	1/7/2021	Organic	Acenaphthene	n/a	=	10	%	EPA 625.1	-88	-88	0	30	
2020/21-1	Lab	method blank	1/7/2021	Organic	Acenaphthene	n/a	<	0.38	µg/L	EPA 625.1	0.38	1			
2020/21-1	Lab	method blank	1/30/2021	Organic	Acenaphthene	n/a	<	0.028	µg/L	EPA 8270C	0.028	0.1			
2020/21-1	Lab	LCS	1/30/2021	Organic	Acenaphthene	n/a	=	7.89	µg/L	EPA 8270C	0.028	0.1			
2020/21-1	Lab	LCS, rec	1/30/2021	Organic	Acenaphthene	n/a	=	79	%	EPA 8270C	-88	-88	11	122	
2020/21-1	Lab	LCS dup	1/30/2021	Organic	Acenaphthene	n/a	=	8.96	µg/L	EPA 8270C	0.028	0.1			
2020/21-1	Lab	LCS dup, rec	1/30/2021	Organic	Acenaphthene	n/a	=	90	%	EPA 8270C	-88	-88	11	122	
2020/21-1	Lab	LCS, RPD	1/30/2021	Organic	Acenaphthene	n/a	=	13	%	EPA 8270C	-88	-88	0	30	
2020/21-1	Lab	LCS	2/2/2021	Organic	Acenaphthene	n/a	=	8.13	µg/L	EPA 625.1	0.38	1			
2020/21-1	Lab	LCS, rec	2/2/2021	Organic	Acenaphthene	n/a	=	81	%	EPA 625.1	-88	-88	60	132	
2020/21-1	Lab	LCS dup	2/2/2021	Organic	Acenaphthene	n/a	=	9.23	µg/L	EPA 625.1	0.38	1			
2020/21-1	Lab	LCS dup, rec	2/2/2021	Organic	Acenaphthene	n/a	=	92	%	EPA 625.1	-88	-88	60	132	
2020/21-1	Lab	LCS, RPD	2/2/2021	Organic	Acenaphthene	n/a	=	13	%	EPA 625.1	-88	-88	0	30	
2020/21-1	Lab	method blank	2/2/2021	Organic	Acenaphthene	n/a	<	0.38	µg/L	EPA 625.1	0.38	1			
2020/21-1	Lab	LCS	1/7/2021	Organic	Acenaphthylene	n/a	=	6.96	µg/L	EPA 625.1	0.17	1			
2020/21-1	Lab	LCS, rec	1/7/2021	Organic	Acenaphthylene	n/a	=	70	%	EPA 625.1	-88	-88	54	126	
2020/21-1	Lab	LCS dup	1/7/2021	Organic	Acenaphthylene	n/a	=	7.77	µg/L	EPA 625.1	0.17	1			
2020/21-1	Lab	LCS dup, rec	1/7/2021	Organic	Acenaphthylene	n/a	=	78	%	EPA 625.1	-88	-88	54	126	
2020/21-1	Lab	LCS, RPD	1/7/2021	Organic	Acenaphthylene	n/a	=	11	%	EPA 625.1	-88	-88	0	30	
2020/21-1	Lab	method blank	1/7/2021	Organic	Acenaphthylene	n/a	<	0.17	µg/L	EPA 625.1	0.17	1			
2020/21-1	Lab	method blank	1/30/2021	Organic	Acenaphthylene	n/a	<	0.033	µg/L	EPA 8270C	0.033	0.1			
2020/21-1	Lab	LCS	1/30/2021	Organic	Acenaphthylene	n/a	=	7.86	µg/L	EPA 8270C	0.033	0.1			
2020/21-1	Lab	LCS, rec	1/30/2021	Organic	Acenaphthylene	n/a	=	79	%	EPA 8270C	-88	-88	4	135	
2020/21-1	Lab	LCS dup	1/30/2021	Organic	Acenaphthylene	n/a	=	8.67	µg/L	EPA 8270C	0.033	0.1			
2020/21-1	Lab	LCS dup, rec	1/30/2021	Organic	Acenaphthylene	n/a	=	87	%	EPA 8270C	-88	-88	4	135	
2020/21-1	Lab	LCS, RPD	1/30/2021	Organic	Acenaphthylene	n/a	=	10	%	EPA 8270C	-88	-88	0	30	
2020/21-1	Lab	LCS	2/2/2021	Organic	Acenaphthylene	n/a	=	9.16	µg/L	EPA 625.1	0.17	1			
2020/21-1	Lab	LCS, rec	2/2/2021	Organic	Acenaphthylene	n/a	=	92	%	EPA 625.1	-88	-88	54	126	
2020/21-1	Lab	LCS dup	2/2/2021	Organic	Acenaphthylene	n/a	=	10.2	µg/L	EPA 625.1	0.17	1			
2020/21-1	Lab	LCS dup, rec	2/2/2021	Organic	Acenaphthylene	n/a	=	102	%	EPA 625.1	-88	-88	54	126	
2020/21-1	Lab	LCS, RPD	2/2/2021	Organic	Acenaphthylene	n/a	=	10	%	EPA 625.1	-88	-88	0	30	
2020/21-1	Lab	method blank	2/2/2021	Organic	Acenaphthylene	n/a	<	0.17	µg/L	EPA 625.1	0.17	1			
2020/21-1	Lab	LCS	1/7/2021	Organic	Anthracene	n/a	=	7.88	µg/L	EPA 625.1	0.12	1			
2020/21-1	Lab	LCS, rec	1/7/2021	Organic	Anthracene	n/a	=	79	%	EPA 625.1	-88	-88	43	120	
2020/21-1	Lab	LCS dup	1/7/2021	Organic	Anthracene	n/a	=	8.36	µg/L	EPA 625.1	0.12	1			
2020/21-1	Lab	LCS dup, rec	1/7/2021	Organic	Anthracene	n/a	=	84	%	EPA 625.1	-88	-88	43	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	
2020/21-1	Lab	LCS, RPD	1/7/2021	Organic	Anthracene	n/a	=	6	%	EPA 625.1	-88	-88	0	30	
2020/21-1	Lab	method blank	1/7/2021	Organic	Anthracene	n/a	<	0.12	µg/L	EPA 625.1	0.12	1			
2020/21-1	Lab	method blank	1/30/2021	Organic	Anthracene	n/a	<	0.025	µg/L	EPA 8270C	0.025	0.1			
2020/21-1	Lab	LCS	1/30/2021	Organic	Anthracene	n/a	=	9.41	µg/L	EPA 8270C	0.025	0.1			
2020/21-1	Lab	LCS, rec	1/30/2021	Organic	Anthracene	n/a	=	94	%	EPA 8270C	-88	-88	22	127	
2020/21-1	Lab	LCS dup	1/30/2021	Organic	Anthracene	n/a	=	9.93	µg/L	EPA 8270C	0.025	0.1			
2020/21-1	Lab	LCS dup, rec	1/30/2021	Organic	Anthracene	n/a	=	99	%	EPA 8270C	-88	-88	22	127	
2020/21-1	Lab	LCS, RPD	1/30/2021	Organic	Anthracene	n/a	=	5	%	EPA 8270C	-88	-88	0	30	
2020/21-1	Lab	LCS	2/2/2021	Organic	Anthracene	n/a	=	8.32	µg/L	EPA 625.1	0.12	1			
2020/21-1	Lab	LCS, rec	2/2/2021	Organic	Anthracene	n/a	=	83	%	EPA 625.1	-88	-88	43	120	
2020/21-1	Lab	LCS dup	2/2/2021	Organic	Anthracene	n/a	=	8.92	µg/L	EPA 625.1	0.12	1			
2020/21-1	Lab	LCS dup, rec	2/2/2021	Organic	Anthracene	n/a	=	89	%	EPA 625.1	-88	-88	43	120	
2020/21-1	Lab	LCS, RPD	2/2/2021	Organic	Anthracene	n/a	=	7	%	EPA 625.1	-88	-88	0	30	
2020/21-1	Lab	method blank	2/2/2021	Organic	Anthracene	n/a	<	0.12	µg/L	EPA 625.1	0.12	1			
2020/21-1	Lab	LCS	1/7/2021	Organic	Benz(a)anthracene	n/a	=	10.5	µg/L	EPA 625.1	0.19	1			
2020/21-1	Lab	LCS, rec	1/7/2021	Organic	Benz(a)anthracene	n/a	=	105	%	EPA 625.1	-88	-88	42	133	
2020/21-1	Lab	LCS dup	1/7/2021	Organic	Benz(a)anthracene	n/a	=	10.7	µg/L	EPA 625.1	0.19	1			
2020/21-1	Lab	LCS dup, rec	1/7/2021	Organic	Benz(a)anthracene	n/a	=	107	%	EPA 625.1	-88	-88	42	133	
2020/21-1	Lab	LCS, RPD	1/7/2021	Organic	Benz(a)anthracene	n/a	=	2	%	EPA 625.1	-88	-88	0	30	
2020/21-1	Lab	method blank	1/7/2021	Organic	Benz(a)anthracene	n/a	<	0.19	µg/L	EPA 625.1	0.19	1			
2020/21-1	Lab	method blank	1/30/2021	Organic	Benz(a)anthracene	n/a	<	0.051	µg/L	EPA 8270C	0.051	0.1			
2020/21-1	Lab	LCS	1/30/2021	Organic	Benz(a)anthracene	n/a	=	12	µg/L	EPA 8270C	0.051	0.1			
2020/21-1	Lab	LCS, rec	1/30/2021	Organic	Benz(a)anthracene	n/a	=	120	%	EPA 8270C	-88	-88	17	131	
2020/21-1	Lab	LCS dup	1/30/2021	Organic	Benz(a)anthracene	n/a	=	10.3	µg/L	EPA 8270C	0.051	0.1			
2020/21-1	Lab	LCS dup, rec	1/30/2021	Organic	Benz(a)anthracene	n/a	=	103	%	EPA 8270C	-88	-88	17	131	
2020/21-1	Lab	LCS, RPD	1/30/2021	Organic	Benz(a)anthracene	n/a	=	16	%	EPA 8270C	-88	-88	0	30	
2020/21-1	Lab	LCS	2/2/2021	Organic	Benz(a)anthracene	n/a	=	8.29	µg/L	EPA 625.1	0.19	1			
2020/21-1	Lab	LCS, rec	2/2/2021	Organic	Benz(a)anthracene	n/a	=	83	%	EPA 625.1	-88	-88	42	133	
2020/21-1	Lab	LCS dup	2/2/2021	Organic	Benz(a)anthracene	n/a	=	8.38	µg/L	EPA 625.1	0.19	1			
2020/21-1	Lab	LCS dup, rec	2/2/2021	Organic	Benz(a)anthracene	n/a	=	84	%	EPA 625.1	-88	-88	42	133	
2020/21-1	Lab	LCS, RPD	2/2/2021	Organic	Benz(a)anthracene	n/a	=	1	%	EPA 625.1	-88	-88	0	30	
2020/21-1	Lab	method blank	2/2/2021	Organic	Benz(a)anthracene	n/a	<	0.19	µg/L	EPA 625.1	0.19	1			
2020/21-1	Lab	method blank	1/7/2021	Organic	Ben-zidine	n/a	<	1.4	µg/L	EPA 625.1	1.4	10			
2020/21-1	Lab	method blank	2/2/2021	Organic	Ben-zidine	n/a	<	1.4	µg/L	EPA 625.1	1.4	10			
2020/21-1	Lab	LCS	1/7/2021	Organic	Ben-zo(a)pyrene	n/a	=	10.3	µg/L	EPA 625.1	0.39	1			
2020/21-1	Lab	LCS, rec	1/7/2021	Organic	Ben-zo(a)pyrene	n/a	=	103	%	EPA 625.1	-88	-88	32	148	
2020/21-1	Lab	LCS dup	1/7/2021	Organic	Ben-zo(a)pyrene	n/a	=	10.6	µg/L	EPA 625.1	0.39	1			
2020/21-1	Lab	LCS dup, rec	1/7/2021	Organic	Ben-zo(a)pyrene	n/a	=	106	%	EPA 625.1	-88	-88	32	148	
2020/21-1	Lab	LCS, RPD	1/7/2021	Organic	Ben-zo(a)pyrene	n/a	=	2	%	EPA 625.1	-88	-88	0	30	
2020/21-1	Lab	method blank	1/7/2021	Organic	Ben-zo(a)pyrene	n/a	<	0.39	µg/L	EPA 625.1	0.39	1			
2020/21-1	Lab	LCS	1/15/2021	Organic	Ben-zo(a)pyrene	n/a	=	5.2	µg/L	EPA 525.2	0.02	0.1			
2020/21-1	Lab	LCS, rec	1/15/2021	Organic	Ben-zo(a)pyrene	n/a	=	104	%	EPA 525.2	-88	-88	60	130	
2020/21-1	Lab	LCS dup	1/15/2021	Organic	Ben-zo(a)pyrene	n/a	=	5.45	µg/L	EPA 525.2	0.02	0.1			
2020/21-1	Lab	LCS dup, rec	1/15/2021	Organic	Ben-zo(a)pyrene	n/a	=	109	%	EPA 525.2	-88	-88	60	130	
2020/21-1	Lab	LCS, RPD	1/15/2021	Organic	Ben-zo(a)pyrene	n/a	=	5	%	EPA 525.2	-88	-88	0	30	
2020/21-1	Lab	method blank	1/15/2021	Organic	Ben-zo(a)pyrene	n/a	DNQ	0.0596	µg/L	EPA 525.2	0.02	0.1			IP
2020/21-1	Lab	method blank	1/21/2021	Organic	Ben-zo(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	
2020/21-1	Lab	LCS	1/21/2021	Organic	Benzo(a)pyrene	n/a	=	5.59	µg/L	EPA 525.2	0.02	0.1			
2020/21-1	Lab	LCS, rec	1/21/2021	Organic	Benzo(a)pyrene	n/a	=	112	%	EPA 525.2	-88	-88	60	130	
2020/21-1	Lab	LCS dup	1/21/2021	Organic	Benzo(a)pyrene	n/a	=	5.47	µg/L	EPA 525.2	0.02	0.1			
2020/21-1	Lab	LCS dup, rec	1/21/2021	Organic	Benzo(a)pyrene	n/a	=	109	%	EPA 525.2	-88	-88	60	130	
2020/21-1	Lab	LCS, RPD	1/21/2021	Organic	Benzo(a)pyrene	n/a	=	2	%	EPA 525.2	-88	-88	0	30	
2020/21-1	Lab	method blank	1/30/2021	Organic	Benzo(a)pyrene	n/a	<	0.051	µg/L	EPA 8270C	0.051	0.1			
2020/21-1	Lab	LCS	1/30/2021	Organic	Benzo(a)pyrene	n/a	=	7.89	µg/L	EPA 8270C	0.051	0.1			
2020/21-1	Lab	LCS, rec	1/30/2021	Organic	Benzo(a)pyrene	n/a	=	79	%	EPA 8270C	-88	-88	12	131	
2020/21-1	Lab	LCS dup	1/30/2021	Organic	Benzo(a)pyrene	n/a	=	7.89	µg/L	EPA 8270C	0.051	0.1			
2020/21-1	Lab	LCS dup, rec	1/30/2021	Organic	Benzo(a)pyrene	n/a	=	79	%	EPA 8270C	-88	-88	12	131	
2020/21-1	Lab	LCS, RPD	1/30/2021	Organic	Benzo(a)pyrene	n/a	=	0.03	%	EPA 8270C	-88	-88	0	30	
2020/21-1	Lab	LCS	2/2/2021	Organic	Benzo(a)pyrene	n/a	=	9.58	µg/L	EPA 625.1	0.39	1			
2020/21-1	Lab	LCS, rec	2/2/2021	Organic	Benzo(a)pyrene	n/a	=	96	%	EPA 625.1	-88	-88	32	148	
2020/21-1	Lab	LCS dup	2/2/2021	Organic	Benzo(a)pyrene	n/a	=	9.26	µg/L	EPA 625.1	0.39	1			
2020/21-1	Lab	LCS dup, rec	2/2/2021	Organic	Benzo(a)pyrene	n/a	=	93	%	EPA 625.1	-88	-88	32	148	
2020/21-1	Lab	LCS, RPD	2/2/2021	Organic	Benzo(a)pyrene	n/a	=	3	%	EPA 625.1	-88	-88	0	30	
2020/21-1	Lab	method blank	2/2/2021	Organic	Benzo(a)pyrene	n/a	<	0.39	µg/L	EPA 625.1	0.39	1			
2020/21-1	ME-VR2	matrix spike	1/15/2021	Organic	Benzo(a)pyrene	n/a	=	5.39	µg/L	EPA 525.2	0.02	0.1			
2020/21-1	ME-VR2	matrix spike, rec	1/15/2021	Organic	Benzo(a)pyrene	n/a	=	108	%	EPA 525.2	-88	-88	60	130	
2020/21-1	ME-VR2	matrix spike dup	1/15/2021	Organic	Benzo(a)pyrene	n/a	=	5.57	µg/L	EPA 525.2	0.02	0.1			
2020/21-1	ME-VR2	matrix spike dup, rec	1/15/2021	Organic	Benzo(a)pyrene	n/a	=	111	%	EPA 525.2	-88	-88	60	130	
2020/21-1	ME-VR2	matrix spike, RPD	1/15/2021	Organic	Benzo(a)pyrene	n/a	=	3	%	EPA 525.2	-88	-88	0	30	
2020/21-1	Lab	LCS	1/7/2021	Organic	Benzo(b)fluoranthene	n/a	=	9.33	µg/L	EPA 625.1	0.46	1			
2020/21-1	Lab	LCS, rec	1/7/2021	Organic	Benzo(b)fluoranthene	n/a	=	93	%	EPA 625.1	-88	-88	42	140	
2020/21-1	Lab	LCS dup	1/7/2021	Organic	Benzo(b)fluoranthene	n/a	=	10.4	µg/L	EPA 625.1	0.46	1			
2020/21-1	Lab	LCS dup, rec	1/7/2021	Organic	Benzo(b)fluoranthene	n/a	=	104	%	EPA 625.1	-88	-88	42	140	
2020/21-1	Lab	LCS, RPD	1/7/2021	Organic	Benzo(b)fluoranthene	n/a	=	11	%	EPA 625.1	-88	-88	0	30	
2020/21-1	Lab	method blank	1/7/2021	Organic	Benzo(b)fluoranthene	n/a	<	0.46	µg/L	EPA 625.1	0.46	1			
2020/21-1	Lab	method blank	1/30/2021	Organic	Benzo(b)fluoranthene	n/a	<	0.027	µg/L	EPA 8270C	0.027	0.1			
2020/21-1	Lab	LCS	1/30/2021	Organic	Benzo(b)fluoranthene	n/a	=	7.43	µg/L	EPA 8270C	0.027	0.1			
2020/21-1	Lab	LCS, rec	1/30/2021	Organic	Benzo(b)fluoranthene	n/a	=	74	%	EPA 8270C	-88	-88	19	129	
2020/21-1	Lab	LCS dup	1/30/2021	Organic	Benzo(b)fluoranthene	n/a	=	7.46	µg/L	EPA 8270C	0.027	0.1			
2020/21-1	Lab	LCS dup, rec	1/30/2021	Organic	Benzo(b)fluoranthene	n/a	=	75	%	EPA 8270C	-88	-88	19	129	
2020/21-1	Lab	LCS, RPD	1/30/2021	Organic	Benzo(b)fluoranthene	n/a	=	0.4	%	EPA 8270C	-88	-88	0	30	
2020/21-1	Lab	LCS	2/2/2021	Organic	Benzo(b)fluoranthene	n/a	=	9.06	µg/L	EPA 625.1	0.46	1			
2020/21-1	Lab	LCS, rec	2/2/2021	Organic	Benzo(b)fluoranthene	n/a	=	91	%	EPA 625.1	-88	-88	42	140	
2020/21-1	Lab	LCS dup	2/2/2021	Organic	Benzo(b)fluoranthene	n/a	=	9.34	µg/L	EPA 625.1	0.46	1			
2020/21-1	Lab	LCS dup, rec	2/2/2021	Organic	Benzo(b)fluoranthene	n/a	=	93	%	EPA 625.1	-88	-88	42	140	
2020/21-1	Lab	LCS, RPD	2/2/2021	Organic	Benzo(b)fluoranthene	n/a	=	3	%	EPA 625.1	-88	-88	0	30	
2020/21-1	Lab	method blank	2/2/2021	Organic	Benzo(b)fluoranthene	n/a	<	0.46	µg/L	EPA 625.1	0.46	1			
2020/21-1	Lab	LCS	1/7/2021	Organic	Benzo(g,h,i)perylene	n/a	=	9.59	µg/L	EPA 625.1	0.42	2			
2020/21-1	Lab	LCS, rec	1/7/2021	Organic	Benzo(g,h,i)perylene	n/a	=	96	%	EPA 625.1	-88	-88	0.1	195	
2020/21-1	Lab	LCS dup	1/7/2021	Organic	Benzo(g,h,i)perylene	n/a	=	9.7	µg/L	EPA 625.1	0.42	2			
2020/21-1	Lab	LCS dup, rec	1/7/2021	Organic	Benzo(g,h,i)perylene	n/a	=	97	%	EPA 625.1	-88	-88	0.1	195	
2020/21-1	Lab	LCS, RPD	1/7/2021	Organic	Benzo(g,h,i)perylene	n/a	=	1	%	EPA 625.1	-88	-88	0	30	
2020/21-1	Lab	method blank	1/7/2021	Organic	Benzo(g,h,i)perylene	n/a	<	0.42	µg/L	EPA 625.1	0.42	2			
2020/21-1	Lab	method blank	1/30/2021	Organic	Benzo(g,h,i)perylene	n/a	<	0.05	µg/L	EPA 8270C	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	
2020/21-1	Lab	LCS	1/30/2021	Organic	Benzo(g,h,i)perylene	n/a	=	7.96	µg/L	EPA 8270C	0.05	0.1			
2020/21-1	Lab	LCS, rec	1/30/2021	Organic	Benzo(g,h,i)perylene	n/a	=	80	%	EPA 8270C	-88	-88	14	139	
2020/21-1	Lab	LCS dup	1/30/2021	Organic	Benzo(g,h,i)perylene	n/a	=	8.08	µg/L	EPA 8270C	0.05	0.1			
2020/21-1	Lab	LCS dup, rec	1/30/2021	Organic	Benzo(g,h,i)perylene	n/a	=	81	%	EPA 8270C	-88	-88	14	139	
2020/21-1	Lab	LCS, RPD	1/30/2021	Organic	Benzo(g,h,i)perylene	n/a	=	2	%	EPA 8270C	-88	-88	0	30	
2020/21-1	Lab	LCS	2/2/2021	Organic	Benzo(g,h,i)perylene	n/a	=	8.13	µg/L	EPA 625.1	0.42	2			
2020/21-1	Lab	LCS, rec	2/2/2021	Organic	Benzo(g,h,i)perylene	n/a	=	81	%	EPA 625.1	-88	-88	0.1	195	
2020/21-1	Lab	LCS dup	2/2/2021	Organic	Benzo(g,h,i)perylene	n/a	=	8.41	µg/L	EPA 625.1	0.42	2			
2020/21-1	Lab	LCS dup, rec	2/2/2021	Organic	Benzo(g,h,i)perylene	n/a	=	84	%	EPA 625.1	-88	-88	0.1	195	
2020/21-1	Lab	LCS, RPD	2/2/2021	Organic	Benzo(g,h,i)perylene	n/a	=	3	%	EPA 625.1	-88	-88	0	30	
2020/21-1	Lab	method blank	2/2/2021	Organic	Benzo(g,h,i)perylene	n/a	<	0.42	µg/L	EPA 625.1	0.42	2			
2020/21-1	Lab	LCS	1/7/2021	Organic	Benzo(k)fluoranthene	n/a	=	10.1	µg/L	EPA 625.1	0.22	1			
2020/21-1	Lab	LCS, rec	1/7/2021	Organic	Benzo(k)fluoranthene	n/a	=	101	%	EPA 625.1	-88	-88	25	146	
2020/21-1	Lab	LCS dup	1/7/2021	Organic	Benzo(k)fluoranthene	n/a	=	9.59	µg/L	EPA 625.1	0.22	1			
2020/21-1	Lab	LCS dup, rec	1/7/2021	Organic	Benzo(k)fluoranthene	n/a	=	96	%	EPA 625.1	-88	-88	25	146	
2020/21-1	Lab	LCS, RPD	1/7/2021	Organic	Benzo(k)fluoranthene	n/a	=	6	%	EPA 625.1	-88	-88	0	30	
2020/21-1	Lab	method blank	1/7/2021	Organic	Benzo(k)fluoranthene	n/a	<	0.22	µg/L	EPA 625.1	0.22	1			
2020/21-1	Lab	method blank	1/30/2021	Organic	Benzo(k)fluoranthene	n/a	<	0.026	µg/L	EPA 8270C	0.026	0.1			
2020/21-1	Lab	LCS	1/30/2021	Organic	Benzo(k)fluoranthene	n/a	=	9.57	µg/L	EPA 8270C	0.026	0.1			
2020/21-1	Lab	LCS, rec	1/30/2021	Organic	Benzo(k)fluoranthene	n/a	=	96	%	EPA 8270C	-88	-88	22	127	
2020/21-1	Lab	LCS dup	1/30/2021	Organic	Benzo(k)fluoranthene	n/a	=	9.55	µg/L	EPA 8270C	0.026	0.1			
2020/21-1	Lab	LCS dup, rec	1/30/2021	Organic	Benzo(k)fluoranthene	n/a	=	95	%	EPA 8270C	-88	-88	22	127	
2020/21-1	Lab	LCS, RPD	1/30/2021	Organic	Benzo(k)fluoranthene	n/a	=	0.2	%	EPA 8270C	-88	-88	0	30	
2020/21-1	Lab	LCS	2/2/2021	Organic	Benzo(k)fluoranthene	n/a	=	10.4	µg/L	EPA 625.1	0.22	1			
2020/21-1	Lab	LCS, rec	2/2/2021	Organic	Benzo(k)fluoranthene	n/a	=	104	%	EPA 625.1	-88	-88	25	146	
2020/21-1	Lab	LCS dup	2/2/2021	Organic	Benzo(k)fluoranthene	n/a	=	9.78	µg/L	EPA 625.1	0.22	1			
2020/21-1	Lab	LCS dup, rec	2/2/2021	Organic	Benzo(k)fluoranthene	n/a	=	98	%	EPA 625.1	-88	-88	25	146	
2020/21-1	Lab	LCS, RPD	2/2/2021	Organic	Benzo(k)fluoranthene	n/a	=	7	%	EPA 625.1	-88	-88	0	30	
2020/21-1	Lab	method blank	2/2/2021	Organic	Benzo(k)fluoranthene	n/a	<	0.22	µg/L	EPA 625.1	0.22	1			
2020/21-1	Lab	LCS	1/7/2021	Organic	Bis(2-chloroethoxy)methane	n/a	=	6.82	µg/L	EPA 625.1	0.25	1			
2020/21-1	Lab	LCS, rec	1/7/2021	Organic	Bis(2-chloroethoxy)methane	n/a	=	68	%	EPA 625.1	-88	-88	49	165	
2020/21-1	Lab	LCS dup	1/7/2021	Organic	Bis(2-chloroethoxy)methane	n/a	=	7.84	µg/L	EPA 625.1	0.25	1			
2020/21-1	Lab	LCS dup, rec	1/7/2021	Organic	Bis(2-chloroethoxy)methane	n/a	=	78	%	EPA 625.1	-88	-88	49	165	
2020/21-1	Lab	LCS, RPD	1/7/2021	Organic	Bis(2-chloroethoxy)methane	n/a	=	14	%	EPA 625.1	-88	-88	0	30	
2020/21-1	Lab	method blank	1/7/2021	Organic	Bis(2-chloroethoxy)methane	n/a	<	0.25	µg/L	EPA 625.1	0.25	1			
2020/21-1	Lab	LCS	2/2/2021	Organic	Bis(2-chloroethoxy)methane	n/a	=	7.73	µg/L	EPA 625.1	0.25	1			
2020/21-1	Lab	LCS, rec	2/2/2021	Organic	Bis(2-chloroethoxy)methane	n/a	=	77	%	EPA 625.1	-88	-88	49	165	
2020/21-1	Lab	LCS dup	2/2/2021	Organic	Bis(2-chloroethoxy)methane	n/a	=	9.05	µg/L	EPA 625.1	0.25	1			
2020/21-1	Lab	LCS dup, rec	2/2/2021	Organic	Bis(2-chloroethoxy)methane	n/a	=	90	%	EPA 625.1	-88	-88	49	165	
2020/21-1	Lab	LCS, RPD	2/2/2021	Organic	Bis(2-chloroethoxy)methane	n/a	=	16	%	EPA 625.1	-88	-88	0	30	
2020/21-1	Lab	method blank	2/2/2021	Organic	Bis(2-chloroethoxy)methane	n/a	<	0.25	µg/L	EPA 625.1	0.25	1			
2020/21-1	Lab	LCS	1/7/2021	Organic	Bis(2-chloroethyl)ether	n/a	=	5.9	µg/L	EPA 625.1	0.27	1			
2020/21-1	Lab	LCS, rec	1/7/2021	Organic	Bis(2-chloroethyl)ether	n/a	=	59	%	EPA 625.1	-88	-88	43	126	
2020/21-1	Lab	LCS dup	1/7/2021	Organic	Bis(2-chloroethyl)ether	n/a	=	7.01	µg/L	EPA 625.1	0.27	1			
2020/21-1	Lab	LCS dup, rec	1/7/2021	Organic	Bis(2-chloroethyl)ether	n/a	=	70	%	EPA 625.1	-88	-88	43	126	
2020/21-1	Lab	LCS, RPD	1/7/2021	Organic	Bis(2-chloroethyl)ether	n/a	=	17	%	EPA 625.1	-88	-88	0	30	
2020/21-1	Lab	method blank	1/7/2021	Organic	Bis(2-chloroethyl)ether	n/a	<	0.27	µg/L	EPA 625.1	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	
2020/21-1	Lab	LCS	2/2/2021	Organic	Bis(2-chloroethyl)ether	n/a	=	6.79	µg/L	EPA 625.1	0.27	1			
2020/21-1	Lab	LCS, rec	2/2/2021	Organic	Bis(2-chloroethyl)ether	n/a	=	68	%	EPA 625.1	-88	-88	43	126	
2020/21-1	Lab	LCS dup	2/2/2021	Organic	Bis(2-chloroethyl)ether	n/a	=	8.17	µg/L	EPA 625.1	0.27	1			
2020/21-1	Lab	LCS dup, rec	2/2/2021	Organic	Bis(2-chloroethyl)ether	n/a	=	82	%	EPA 625.1	-88	-88	43	126	
2020/21-1	Lab	LCS, RPD	2/2/2021	Organic	Bis(2-chloroethyl)ether	n/a	=	18	%	EPA 625.1	-88	-88	0	30	
2020/21-1	Lab	method blank	2/2/2021	Organic	Bis(2-chloroethyl)ether	n/a	<	0.27	µg/L	EPA 625.1	0.27	1			
2020/21-1	Lab	LCS	1/7/2021	Organic	Bis(2-chloroisopropyl)ether	n/a	=	5.82	µg/L	EPA 625.1	0.38	1			EUM
2020/21-1	Lab	LCS, rec	1/7/2021	Organic	Bis(2-chloroisopropyl)ether	n/a	=	58	%	EPA 625.1	-88	-88	63	139	EUM
2020/21-1	Lab	LCS dup	1/7/2021	Organic	Bis(2-chloroisopropyl)ether	n/a	=	6.95	µg/L	EPA 625.1	0.38	1			
2020/21-1	Lab	LCS dup, rec	1/7/2021	Organic	Bis(2-chloroisopropyl)ether	n/a	=	69	%	EPA 625.1	-88	-88	63	139	
2020/21-1	Lab	LCS, RPD	1/7/2021	Organic	Bis(2-chloroisopropyl)ether	n/a	=	18	%	EPA 625.1	-88	-88	0	30	
2020/21-1	Lab	method blank	1/7/2021	Organic	Bis(2-chloroisopropyl)ether	n/a	<	0.38	µg/L	EPA 625.1	0.38	1			
2020/21-1	Lab	LCS	2/2/2021	Organic	Bis(2-chloroisopropyl)ether	n/a	=	7.19	µg/L	EPA 625.1	0.38	1			
2020/21-1	Lab	LCS, rec	2/2/2021	Organic	Bis(2-chloroisopropyl)ether	n/a	=	72	%	EPA 625.1	-88	-88	63	139	
2020/21-1	Lab	LCS dup	2/2/2021	Organic	Bis(2-chloroisopropyl)ether	n/a	=	8.69	µg/L	EPA 625.1	0.38	1			
2020/21-1	Lab	LCS dup, rec	2/2/2021	Organic	Bis(2-chloroisopropyl)ether	n/a	=	87	%	EPA 625.1	-88	-88	63	139	
2020/21-1	Lab	LCS, RPD	2/2/2021	Organic	Bis(2-chloroisopropyl)ether	n/a	=	19	%	EPA 625.1	-88	-88	0	30	
2020/21-1	Lab	method blank	2/2/2021	Organic	Bis(2-chloroisopropyl)ether	n/a	<	0.38	µg/L	EPA 625.1	0.38	1			
2020/21-1	Lab	LCS	1/15/2021	Organic	Bis(2-ethylhexyl)adipate	n/a	=	5.8	µg/L	EPA 525.2	0.12	5			
2020/21-1	Lab	LCS, rec	1/15/2021	Organic	Bis(2-ethylhexyl)adipate	n/a	=	116	%	EPA 525.2	-88	-88	70	130	
2020/21-1	Lab	LCS dup	1/15/2021	Organic	Bis(2-ethylhexyl)adipate	n/a	=	6.06	µg/L	EPA 525.2	0.12	5			
2020/21-1	Lab	LCS dup, rec	1/15/2021	Organic	Bis(2-ethylhexyl)adipate	n/a	=	121	%	EPA 525.2	-88	-88	70	130	
2020/21-1	Lab	LCS, RPD	1/15/2021	Organic	Bis(2-ethylhexyl)adipate	n/a	=	4	%	EPA 525.2	-88	-88	0	30	
2020/21-1	Lab	method blank	1/15/2021	Organic	Bis(2-ethylhexyl)adipate	n/a	DNQ	0.272	µg/L	EPA 525.2	0.12	5			IP
2020/21-1	Lab	method blank	1/21/2021	Organic	Bis(2-ethylhexyl)adipate	n/a	<	0.12	µg/L	EPA 525.2	0.12	5			
2020/21-1	Lab	LCS	1/21/2021	Organic	Bis(2-ethylhexyl)adipate	n/a	=	6.06	µg/L	EPA 525.2	0.12	5			
2020/21-1	Lab	LCS, rec	1/21/2021	Organic	Bis(2-ethylhexyl)adipate	n/a	=	121	%	EPA 525.2	-88	-88	70	130	
2020/21-1	Lab	LCS dup	1/21/2021	Organic	Bis(2-ethylhexyl)adipate	n/a	=	6.1	µg/L	EPA 525.2	0.12	5			
2020/21-1	Lab	LCS dup, rec	1/21/2021	Organic	Bis(2-ethylhexyl)adipate	n/a	=	122	%	EPA 525.2	-88	-88	70	130	
2020/21-1	Lab	LCS, RPD	1/21/2021	Organic	Bis(2-ethylhexyl)adipate	n/a	=	0.6	%	EPA 525.2	-88	-88	0	30	
2020/21-1	ME-VR2	matrix spike	1/15/2021	Organic	Bis(2-ethylhexyl)adipate	n/a	=	6.01	µg/L	EPA 525.2	0.12	5			
2020/21-1	ME-VR2	matrix spike, rec	1/15/2021	Organic	Bis(2-ethylhexyl)adipate	n/a	=	115	%	EPA 525.2	-88	-88	70	130	
2020/21-1	ME-VR2	matrix spike dup	1/15/2021	Organic	Bis(2-ethylhexyl)adipate	n/a	=	6.56	µg/L	EPA 525.2	0.12	5			
2020/21-1	ME-VR2	matrix spike dup, rec	1/15/2021	Organic	Bis(2-ethylhexyl)adipate	n/a	=	126	%	EPA 525.2	-88	-88	70	130	
2020/21-1	ME-VR2	matrix spike, RPD	1/15/2021	Organic	Bis(2-ethylhexyl)adipate	n/a	=	9	%	EPA 525.2	-88	-88	0	30	
2020/21-1	Lab	LCS	1/7/2021	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	10.5	µg/L	EPA 625.1	2.3	5			
2020/21-1	Lab	LCS, rec	1/7/2021	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	105	%	EPA 625.1	-88	-88	29	137	
2020/21-1	Lab	LCS dup	1/7/2021	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	10.6	µg/L	EPA 625.1	2.3	5			
2020/21-1	Lab	LCS dup, rec	1/7/2021	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	106	%	EPA 625.1	-88	-88	29	137	
2020/21-1	Lab	LCS, RPD	1/7/2021	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	0.8	%	EPA 625.1	-88	-88	0	30	
2020/21-1	Lab	method blank	1/7/2021	Organic	Bis(2-ethylhexyl)phthalate	n/a	<	2.3	µg/L	EPA 625.1	2.3	5			
2020/21-1	Lab	LCS	1/15/2021	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	5.91	µg/L	EPA 525.2	0.41	3			
2020/21-1	Lab	LCS, rec	1/15/2021	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	118	%	EPA 525.2	-88	-88	70	130	
2020/21-1	Lab	LCS dup	1/15/2021	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	6.25	µg/L	EPA 525.2	0.41	3			
2020/21-1	Lab	LCS dup, rec	1/15/2021	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	125	%	EPA 525.2	-88	-88	70	130	
2020/21-1	Lab	LCS, RPD	1/15/2021	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	6	%	EPA 525.2	-88	-88	0	30	
2020/21-1	Lab	method blank	1/15/2021	Organic	Bis(2-ethylhexyl)phthalate	n/a	<	0.41	µg/L	EPA 525.2	0.41	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	
2020/21-1	Lab	method blank	1/21/2021	Organic	Bis(2-ethylhexyl)phthalate	n/a	<	0.41	µg/L	EPA 525.2	0.41	3			
2020/21-1	Lab	LCS	1/21/2021	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	6.25	µg/L	EPA 525.2	0.41	3			
2020/21-1	Lab	LCS, rec	1/21/2021	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	125	%	EPA 525.2	-88	-88	70	130	
2020/21-1	Lab	LCS dup	1/21/2021	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	6.27	µg/L	EPA 525.2	0.41	3			
2020/21-1	Lab	LCS dup, rec	1/21/2021	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	125	%	EPA 525.2	-88	-88	70	130	
2020/21-1	Lab	LCS, RPD	1/21/2021	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	0.2	%	EPA 525.2	-88	-88	0	30	
2020/21-1	Lab	LCS	2/2/2021	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	9.29	µg/L	EPA 625.1	2.3	5			
2020/21-1	Lab	LCS, rec	2/2/2021	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	93	%	EPA 625.1	-88	-88	29	137	
2020/21-1	Lab	LCS dup	2/2/2021	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	9.49	µg/L	EPA 625.1	2.3	5			
2020/21-1	Lab	LCS dup, rec	2/2/2021	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	95	%	EPA 625.1	-88	-88	29	137	
2020/21-1	Lab	LCS, RPD	2/2/2021	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	2	%	EPA 625.1	-88	-88	0	30	
2020/21-1	Lab	method blank	2/2/2021	Organic	Bis(2-ethylhexyl)phthalate	n/a	<	2.3	µg/L	EPA 625.1	2.3	5			
2020/21-1	ME-VR2	matrix spike	1/15/2021	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	6.29	µg/L	EPA 525.2	0.41	3			
2020/21-1	ME-VR2	matrix spike, rec	1/15/2021	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	126	%	EPA 525.2	-88	-88	70	130	
2020/21-1	ME-VR2	matrix spike dup	1/15/2021	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	6.85	µg/L	EPA 525.2	0.41	3			GB
2020/21-1	ME-VR2	matrix spike dup, rec	1/15/2021	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	137	%	EPA 525.2	-88	-88	70	130	GB
2020/21-1	ME-VR2	matrix spike, RPD	1/15/2021	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	9	%	EPA 525.2	-88	-88	0	30	GB
2020/21-1	Lab	LCS	1/7/2021	Organic	Butyl benzyl phthalate	n/a	=	10.4	µg/L	EPA 625.1	0.18	1			
2020/21-1	Lab	LCS, rec	1/7/2021	Organic	Butyl benzyl phthalate	n/a	=	104	%	EPA 625.1	-88	-88	0.1	140	
2020/21-1	Lab	LCS dup	1/7/2021	Organic	Butyl benzyl phthalate	n/a	=	10.6	µg/L	EPA 625.1	0.18	1			
2020/21-1	Lab	LCS dup, rec	1/7/2021	Organic	Butyl benzyl phthalate	n/a	=	106	%	EPA 625.1	-88	-88	0.1	140	
2020/21-1	Lab	LCS, RPD	1/7/2021	Organic	Butyl benzyl phthalate	n/a	=	2	%	EPA 625.1	-88	-88	0	30	
2020/21-1	Lab	method blank	1/7/2021	Organic	Butyl benzyl phthalate	n/a	<	0.18	µg/L	EPA 625.1	0.18	1			
2020/21-1	Lab	LCS	2/2/2021	Organic	Butyl benzyl phthalate	n/a	=	9.23	µg/L	EPA 625.1	0.18	1			
2020/21-1	Lab	LCS, rec	2/2/2021	Organic	Butyl benzyl phthalate	n/a	=	92	%	EPA 625.1	-88	-88	0.1	140	
2020/21-1	Lab	LCS dup	2/2/2021	Organic	Butyl benzyl phthalate	n/a	=	9.57	µg/L	EPA 625.1	0.18	1			
2020/21-1	Lab	LCS dup, rec	2/2/2021	Organic	Butyl benzyl phthalate	n/a	=	96	%	EPA 625.1	-88	-88	0.1	140	
2020/21-1	Lab	LCS, RPD	2/2/2021	Organic	Butyl benzyl phthalate	n/a	=	4	%	EPA 625.1	-88	-88	0	30	
2020/21-1	Lab	method blank	2/2/2021	Organic	Butyl benzyl phthalate	n/a	<	0.18	µg/L	EPA 625.1	0.18	1			
2020/21-1	Lab	LCS	1/7/2021	Organic	Chrysene	n/a	=	9.12	µg/L	EPA 625.1	0.19	1			
2020/21-1	Lab	LCS, rec	1/7/2021	Organic	Chrysene	n/a	=	91	%	EPA 625.1	-88	-88	44	140	
2020/21-1	Lab	LCS dup	1/7/2021	Organic	Chrysene	n/a	=	9.23	µg/L	EPA 625.1	0.19	1			
2020/21-1	Lab	LCS dup, rec	1/7/2021	Organic	Chrysene	n/a	=	92	%	EPA 625.1	-88	-88	44	140	
2020/21-1	Lab	LCS, RPD	1/7/2021	Organic	Chrysene	n/a	=	1	%	EPA 625.1	-88	-88	0	30	
2020/21-1	Lab	method blank	1/7/2021	Organic	Chrysene	n/a	<	0.19	µg/L	EPA 625.1	0.19	1			
2020/21-1	Lab	method blank	1/30/2021	Organic	Chrysene	n/a	<	0.032	µg/L	EPA 8270C	0.032	0.1			
2020/21-1	Lab	LCS	1/30/2021	Organic	Chrysene	n/a	=	8.99	µg/L	EPA 8270C	0.032	0.1			
2020/21-1	Lab	LCS, rec	1/30/2021	Organic	Chrysene	n/a	=	90	%	EPA 8270C	-88	-88	32	126	
2020/21-1	Lab	LCS dup	1/30/2021	Organic	Chrysene	n/a	=	9.04	µg/L	EPA 8270C	0.032	0.1			
2020/21-1	Lab	LCS dup, rec	1/30/2021	Organic	Chrysene	n/a	=	90	%	EPA 8270C	-88	-88	32	126	
2020/21-1	Lab	LCS, RPD	1/30/2021	Organic	Chrysene	n/a	=	0.5	%	EPA 8270C	-88	-88	0	30	
2020/21-1	Lab	LCS	2/2/2021	Organic	Chrysene	n/a	=	9.15	µg/L	EPA 625.1	0.19	1			
2020/21-1	Lab	LCS, rec	2/2/2021	Organic	Chrysene	n/a	=	91	%	EPA 625.1	-88	-88	44	140	
2020/21-1	Lab	LCS dup	2/2/2021	Organic	Chrysene	n/a	=	9.2	µg/L	EPA 625.1	0.19	1			
2020/21-1	Lab	LCS dup, rec	2/2/2021	Organic	Chrysene	n/a	=	92	%	EPA 625.1	-88	-88	44	140	
2020/21-1	Lab	LCS, RPD	2/2/2021	Organic	Chrysene	n/a	=	0.6	%	EPA 625.1	-88	-88	0	30	
2020/21-1	Lab	method blank	2/2/2021	Organic	Chrysene	n/a	<	0.19	µg/L	EPA 625.1	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	
2020/21-1	Lab	LCS	1/7/2021	Organic	Dibenz(a,h)anthracene	n/a	=	9.27	µg/L	EPA 625.1	0.53	2			
2020/21-1	Lab	LCS, rec	1/7/2021	Organic	Dibenz(a,h)anthracene	n/a	=	93	%	EPA 625.1	-88	-88	0.1	200	
2020/21-1	Lab	LCS dup	1/7/2021	Organic	Dibenz(a,h)anthracene	n/a	=	9.53	µg/L	EPA 625.1	0.53	2			
2020/21-1	Lab	LCS dup, rec	1/7/2021	Organic	Dibenz(a,h)anthracene	n/a	=	95	%	EPA 625.1	-88	-88	0.1	200	
2020/21-1	Lab	LCS, RPD	1/7/2021	Organic	Dibenz(a,h)anthracene	n/a	=	3	%	EPA 625.1	-88	-88	0	30	
2020/21-1	Lab	method blank	1/7/2021	Organic	Dibenz(a,h)anthracene	n/a	<	0.53	µg/L	EPA 625.1	0.53	2			
2020/21-1	Lab	method blank	1/30/2021	Organic	Dibenz(a,h)anthracene	n/a	<	0.096	µg/L	EPA 8270C	0.096	0.1			
2020/21-1	Lab	LCS	1/30/2021	Organic	Dibenz(a,h)anthracene	n/a	=	8.04	µg/L	EPA 8270C	0.096	0.1			
2020/21-1	Lab	LCS, rec	1/30/2021	Organic	Dibenz(a,h)anthracene	n/a	=	80	%	EPA 8270C	-88	-88	9	147	
2020/21-1	Lab	LCS dup	1/30/2021	Organic	Dibenz(a,h)anthracene	n/a	=	8.22	µg/L	EPA 8270C	0.096	0.1			
2020/21-1	Lab	LCS dup, rec	1/30/2021	Organic	Dibenz(a,h)anthracene	n/a	=	82	%	EPA 8270C	-88	-88	9	147	
2020/21-1	Lab	LCS, RPD	1/30/2021	Organic	Dibenz(a,h)anthracene	n/a	=	2	%	EPA 8270C	-88	-88	0	30	
2020/21-1	Lab	LCS	2/2/2021	Organic	Dibenz(a,h)anthracene	n/a	=	7.57	µg/L	EPA 625.1	0.53	2			
2020/21-1	Lab	LCS, rec	2/2/2021	Organic	Dibenz(a,h)anthracene	n/a	=	76	%	EPA 625.1	-88	-88	0.1	200	
2020/21-1	Lab	LCS dup	2/2/2021	Organic	Dibenz(a,h)anthracene	n/a	=	7.71	µg/L	EPA 625.1	0.53	2			
2020/21-1	Lab	LCS dup, rec	2/2/2021	Organic	Dibenz(a,h)anthracene	n/a	=	77	%	EPA 625.1	-88	-88	0.1	200	
2020/21-1	Lab	LCS, RPD	2/2/2021	Organic	Dibenz(a,h)anthracene	n/a	=	2	%	EPA 625.1	-88	-88	0	30	
2020/21-1	Lab	method blank	2/2/2021	Organic	Dibenz(a,h)anthracene	n/a	<	0.53	µg/L	EPA 625.1	0.53	2			
2020/21-1	Lab	LCS	1/7/2021	Organic	Diethyl phthalate	n/a	=	7.98	µg/L	EPA 625.1	0.15	1			
2020/21-1	Lab	LCS, rec	1/7/2021	Organic	Diethyl phthalate	n/a	=	80	%	EPA 625.1	-88	-88	0.1	120	
2020/21-1	Lab	LCS dup	1/7/2021	Organic	Diethyl phthalate	n/a	=	8.64	µg/L	EPA 625.1	0.15	1			
2020/21-1	Lab	LCS dup, rec	1/7/2021	Organic	Diethyl phthalate	n/a	=	86	%	EPA 625.1	-88	-88	0.1	120	
2020/21-1	Lab	LCS, RPD	1/7/2021	Organic	Diethyl phthalate	n/a	=	8	%	EPA 625.1	-88	-88	0	30	
2020/21-1	Lab	method blank	1/7/2021	Organic	Diethyl phthalate	n/a	<	0.15	µg/L	EPA 625.1	0.15	1			
2020/21-1	Lab	LCS	2/2/2021	Organic	Diethyl phthalate	n/a	=	9.05	µg/L	EPA 625.1	0.15	1			
2020/21-1	Lab	LCS, rec	2/2/2021	Organic	Diethyl phthalate	n/a	=	90	%	EPA 625.1	-88	-88	0.1	120	
2020/21-1	Lab	LCS dup	2/2/2021	Organic	Diethyl phthalate	n/a	=	9.88	µg/L	EPA 625.1	0.15	1			
2020/21-1	Lab	LCS dup, rec	2/2/2021	Organic	Diethyl phthalate	n/a	=	99	%	EPA 625.1	-88	-88	0.1	120	
2020/21-1	Lab	LCS, RPD	2/2/2021	Organic	Diethyl phthalate	n/a	=	9	%	EPA 625.1	-88	-88	0	30	
2020/21-1	Lab	method blank	2/2/2021	Organic	Diethyl phthalate	n/a	<	0.15	µg/L	EPA 625.1	0.15	1			
2020/21-1	Lab	LCS	1/7/2021	Organic	Dimethyl phthalate	n/a	=	6.79	µg/L	EPA 625.1	0.18	1			
2020/21-1	Lab	LCS, rec	1/7/2021	Organic	Dimethyl phthalate	n/a	=	68	%	EPA 625.1	-88	-88	0.1	120	
2020/21-1	Lab	LCS dup	1/7/2021	Organic	Dimethyl phthalate	n/a	=	7.45	µg/L	EPA 625.1	0.18	1			
2020/21-1	Lab	LCS dup, rec	1/7/2021	Organic	Dimethyl phthalate	n/a	=	74	%	EPA 625.1	-88	-88	0.1	120	
2020/21-1	Lab	LCS, RPD	1/7/2021	Organic	Dimethyl phthalate	n/a	=	9	%	EPA 625.1	-88	-88	0	30	
2020/21-1	Lab	method blank	1/7/2021	Organic	Dimethyl phthalate	n/a	<	0.18	µg/L	EPA 625.1	0.18	1			
2020/21-1	Lab	LCS	2/2/2021	Organic	Dimethyl phthalate	n/a	=	8.34	µg/L	EPA 625.1	0.18	1			
2020/21-1	Lab	LCS, rec	2/2/2021	Organic	Dimethyl phthalate	n/a	=	83	%	EPA 625.1	-88	-88	0.1	120	
2020/21-1	Lab	LCS dup	2/2/2021	Organic	Dimethyl phthalate	n/a	=	9.3	µg/L	EPA 625.1	0.18	1			
2020/21-1	Lab	LCS dup, rec	2/2/2021	Organic	Dimethyl phthalate	n/a	=	93	%	EPA 625.1	-88	-88	0.1	120	
2020/21-1	Lab	LCS, RPD	2/2/2021	Organic	Dimethyl phthalate	n/a	=	11	%	EPA 625.1	-88	-88	0	30	
2020/21-1	Lab	method blank	2/2/2021	Organic	Dimethyl phthalate	n/a	<	0.18	µg/L	EPA 625.1	0.18	1			
2020/21-1	Lab	LCS	1/7/2021	Organic	Di-n-butylphthalate	n/a	=	8.36	µg/L	EPA 625.1	0.1	1			
2020/21-1	Lab	LCS, rec	1/7/2021	Organic	Di-n-butylphthalate	n/a	=	84	%	EPA 625.1	-88	-88	8	120	
2020/21-1	Lab	LCS dup	1/7/2021	Organic	Di-n-butylphthalate	n/a	=	8.62	µg/L	EPA 625.1	0.1	1			
2020/21-1	Lab	LCS dup, rec	1/7/2021	Organic	Di-n-butylphthalate	n/a	=	86	%	EPA 625.1	-88	-88	8	120	
2020/21-1	Lab	LCS, RPD	1/7/2021	Organic	Di-n-butylphthalate	n/a	=	3	%	EPA 625.1	-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	
2020/21-1	Lab	method blank	1/7/2021	Organic	Di-n-butylphthalate	n/a	<	0.1	µg/L	EPA 625.1	0.1	1			
2020/21-1	Lab	LCS	2/2/2021	Organic	Di-n-butylphthalate	n/a	=	10.8	µg/L	EPA 625.1	0.1	1			
2020/21-1	Lab	LCS, rec	2/2/2021	Organic	Di-n-butylphthalate	n/a	=	108	%	EPA 625.1	-88	-88	8	120	
2020/21-1	Lab	LCS dup	2/2/2021	Organic	Di-n-butylphthalate	n/a	=	11.3	µg/L	EPA 625.1	0.1	1			
2020/21-1	Lab	LCS dup, rec	2/2/2021	Organic	Di-n-butylphthalate	n/a	=	113	%	EPA 625.1	-88	-88	8	120	
2020/21-1	Lab	LCS, RPD	2/2/2021	Organic	Di-n-butylphthalate	n/a	=	5	%	EPA 625.1	-88	-88	0	30	
2020/21-1	Lab	method blank	2/2/2021	Organic	Di-n-butylphthalate	n/a	<	0.1	µg/L	EPA 625.1	0.1	1			
2020/21-1	Lab	LCS	1/7/2021	Organic	Di-n-octylphthalate	n/a	=	9.71	µg/L	EPA 625.1	0.46	1			
2020/21-1	Lab	LCS, rec	1/7/2021	Organic	Di-n-octylphthalate	n/a	=	97	%	EPA 625.1	-88	-88	19	132	
2020/21-1	Lab	LCS dup	1/7/2021	Organic	Di-n-octylphthalate	n/a	=	10.1	µg/L	EPA 625.1	0.46	1			
2020/21-1	Lab	LCS dup, rec	1/7/2021	Organic	Di-n-octylphthalate	n/a	=	101	%	EPA 625.1	-88	-88	19	132	
2020/21-1	Lab	LCS, RPD	1/7/2021	Organic	Di-n-octylphthalate	n/a	=	4	%	EPA 625.1	-88	-88	0	30	
2020/21-1	Lab	method blank	1/7/2021	Organic	Di-n-octylphthalate	n/a	<	0.46	µg/L	EPA 625.1	0.46	1			
2020/21-1	Lab	LCS	2/2/2021	Organic	Di-n-octylphthalate	n/a	=	8.48	µg/L	EPA 625.1	0.46	1			
2020/21-1	Lab	LCS, rec	2/2/2021	Organic	Di-n-octylphthalate	n/a	=	85	%	EPA 625.1	-88	-88	19	132	
2020/21-1	Lab	LCS dup	2/2/2021	Organic	Di-n-octylphthalate	n/a	=	9.01	µg/L	EPA 625.1	0.46	1			
2020/21-1	Lab	LCS dup, rec	2/2/2021	Organic	Di-n-octylphthalate	n/a	=	90	%	EPA 625.1	-88	-88	19	132	
2020/21-1	Lab	LCS, RPD	2/2/2021	Organic	Di-n-octylphthalate	n/a	=	6	%	EPA 625.1	-88	-88	0	30	
2020/21-1	Lab	method blank	2/2/2021	Organic	Di-n-octylphthalate	n/a	<	0.46	µg/L	EPA 625.1	0.46	1			
2020/21-1	Lab	LCS	1/7/2021	Organic	Fluoranthene	n/a	=	8.83	µg/L	EPA 625.1	0.08	1			
2020/21-1	Lab	LCS, rec	1/7/2021	Organic	Fluoranthene	n/a	=	88	%	EPA 625.1	-88	-88	43	121	
2020/21-1	Lab	LCS dup	1/7/2021	Organic	Fluoranthene	n/a	=	8.93	µg/L	EPA 625.1	0.08	1			
2020/21-1	Lab	LCS dup, rec	1/7/2021	Organic	Fluoranthene	n/a	=	89	%	EPA 625.1	-88	-88	43	121	
2020/21-1	Lab	LCS, RPD	1/7/2021	Organic	Fluoranthene	n/a	=	1	%	EPA 625.1	-88	-88	0	30	
2020/21-1	Lab	method blank	1/7/2021	Organic	Fluoranthene	n/a	<	0.08	µg/L	EPA 625.1	0.08	1			
2020/21-1	Lab	method blank	1/30/2021	Organic	Fluoranthene	n/a	<	0.039	µg/L	EPA 8270C	0.039	0.1			
2020/21-1	Lab	LCS	1/30/2021	Organic	Fluoranthene	n/a	=	10.2	µg/L	EPA 8270C	0.039	0.1			
2020/21-1	Lab	LCS, rec	1/30/2021	Organic	Fluoranthene	n/a	=	102	%	EPA 8270C	-88	-88	22	131	
2020/21-1	Lab	LCS dup	1/30/2021	Organic	Fluoranthene	n/a	=	9.76	µg/L	EPA 8270C	0.039	0.1			
2020/21-1	Lab	LCS dup, rec	1/30/2021	Organic	Fluoranthene	n/a	=	98	%	EPA 8270C	-88	-88	22	131	
2020/21-1	Lab	LCS, RPD	1/30/2021	Organic	Fluoranthene	n/a	=	5	%	EPA 8270C	-88	-88	0	30	
2020/21-1	Lab	LCS	2/2/2021	Organic	Fluoranthene	n/a	=	8.64	µg/L	EPA 625.1	0.08	1			
2020/21-1	Lab	LCS, rec	2/2/2021	Organic	Fluoranthene	n/a	=	86	%	EPA 625.1	-88	-88	43	121	
2020/21-1	Lab	LCS dup	2/2/2021	Organic	Fluoranthene	n/a	=	8.87	µg/L	EPA 625.1	0.08	1			
2020/21-1	Lab	LCS dup, rec	2/2/2021	Organic	Fluoranthene	n/a	=	89	%	EPA 625.1	-88	-88	43	121	
2020/21-1	Lab	LCS, RPD	2/2/2021	Organic	Fluoranthene	n/a	=	3	%	EPA 625.1	-88	-88	0	30	
2020/21-1	Lab	method blank	2/2/2021	Organic	Fluoranthene	n/a	<	0.08	µg/L	EPA 625.1	0.08	1			
2020/21-1	Lab	LCS	1/7/2021	Organic	Fluorene	n/a	=	7.79	µg/L	EPA 625.1	0.35	1			
2020/21-1	Lab	LCS, rec	1/7/2021	Organic	Fluorene	n/a	=	78	%	EPA 625.1	-88	-88	70	120	
2020/21-1	Lab	LCS dup	1/7/2021	Organic	Fluorene	n/a	=	8.56	µg/L	EPA 625.1	0.35	1			
2020/21-1	Lab	LCS dup, rec	1/7/2021	Organic	Fluorene	n/a	=	86	%	EPA 625.1	-88	-88	70	120	
2020/21-1	Lab	LCS, RPD	1/7/2021	Organic	Fluorene	n/a	=	9	%	EPA 625.1	-88	-88	0	30	
2020/21-1	Lab	method blank	1/7/2021	Organic	Fluorene	n/a	<	0.35	µg/L	EPA 625.1	0.35	1			
2020/21-1	Lab	method blank	1/30/2021	Organic	Fluorene	n/a	<	0.029	µg/L	EPA 8270C	0.029	0.1			
2020/21-1	Lab	LCS	1/30/2021	Organic	Fluorene	n/a	=	8.94	µg/L	EPA 8270C	0.029	0.1			
2020/21-1	Lab	LCS, rec	1/30/2021	Organic	Fluorene	n/a	=	89	%	EPA 8270C	-88	-88	19	122	
2020/21-1	Lab	LCS dup	1/30/2021	Organic	Fluorene	n/a	=	9.86	µg/L	EPA 8270C	0.029	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	
2020/21-1	Lab	LCS dup, rec	1/30/2021	Organic	Fluorene	n/a	=	99	%	EPA 8270C	-88	-88	19	122	
2020/21-1	Lab	LCS, RPD	1/30/2021	Organic	Fluorene	n/a	=	10	%	EPA 8270C	-88	-88	0	30	
2020/21-1	Lab	LCS	2/2/2021	Organic	Fluorene	n/a	=	8.22	µg/L	EPA 625.1	0.35	1			
2020/21-1	Lab	LCS, rec	2/2/2021	Organic	Fluorene	n/a	=	82	%	EPA 625.1	-88	-88	70	120	
2020/21-1	Lab	LCS dup	2/2/2021	Organic	Fluorene	n/a	=	9.32	µg/L	EPA 625.1	0.35	1			
2020/21-1	Lab	LCS dup, rec	2/2/2021	Organic	Fluorene	n/a	=	93	%	EPA 625.1	-88	-88	70	120	
2020/21-1	Lab	LCS, RPD	2/2/2021	Organic	Fluorene	n/a	=	13	%	EPA 625.1	-88	-88	0	30	
2020/21-1	Lab	method blank	2/2/2021	Organic	Fluorene	n/a	<	0.35	µg/L	EPA 625.1	0.35	1			
2020/21-1	Lab	LCS	1/7/2021	Organic	Hexachlorobenzene	n/a	=	8.01	µg/L	EPA 625.1	0.49	1			
2020/21-1	Lab	LCS, rec	1/7/2021	Organic	Hexachlorobenzene	n/a	=	80	%	EPA 625.1	-88	-88	8	142	
2020/21-1	Lab	LCS dup	1/7/2021	Organic	Hexachlorobenzene	n/a	=	8.54	µg/L	EPA 625.1	0.49	1			
2020/21-1	Lab	LCS dup, rec	1/7/2021	Organic	Hexachlorobenzene	n/a	=	85	%	EPA 625.1	-88	-88	8	142	
2020/21-1	Lab	LCS, RPD	1/7/2021	Organic	Hexachlorobenzene	n/a	=	6	%	EPA 625.1	-88	-88	0	30	
2020/21-1	Lab	method blank	1/7/2021	Organic	Hexachlorobenzene	n/a	<	0.49	µg/L	EPA 625.1	0.49	1			
2020/21-1	Lab	LCS	2/2/2021	Organic	Hexachlorobenzene	n/a	=	7.86	µg/L	EPA 625.1	0.49	1			
2020/21-1	Lab	LCS, rec	2/2/2021	Organic	Hexachlorobenzene	n/a	=	79	%	EPA 625.1	-88	-88	8	142	
2020/21-1	Lab	LCS dup	2/2/2021	Organic	Hexachlorobenzene	n/a	=	8.56	µg/L	EPA 625.1	0.49	1			
2020/21-1	Lab	LCS dup, rec	2/2/2021	Organic	Hexachlorobenzene	n/a	=	86	%	EPA 625.1	-88	-88	8	142	
2020/21-1	Lab	LCS, RPD	2/2/2021	Organic	Hexachlorobenzene	n/a	=	8	%	EPA 625.1	-88	-88	0	30	
2020/21-1	Lab	method blank	2/2/2021	Organic	Hexachlorobenzene	n/a	<	0.49	µg/L	EPA 625.1	0.49	1			
2020/21-1	Lab	LCS	1/7/2021	Organic	Hexachlorobutadiene	n/a	=	7	µg/L	EPA 625.1	0.47	1			
2020/21-1	Lab	LCS, rec	1/7/2021	Organic	Hexachlorobutadiene	n/a	=	70	%	EPA 625.1	-88	-88	38	120	
2020/21-1	Lab	LCS dup	1/7/2021	Organic	Hexachlorobutadiene	n/a	=	8.19	µg/L	EPA 625.1	0.47	1			
2020/21-1	Lab	LCS dup, rec	1/7/2021	Organic	Hexachlorobutadiene	n/a	=	82	%	EPA 625.1	-88	-88	38	120	
2020/21-1	Lab	LCS, RPD	1/7/2021	Organic	Hexachlorobutadiene	n/a	=	16	%	EPA 625.1	-88	-88	0	30	
2020/21-1	Lab	method blank	1/7/2021	Organic	Hexachlorobutadiene	n/a	<	0.47	µg/L	EPA 625.1	0.47	1			
2020/21-1	Lab	LCS	2/2/2021	Organic	Hexachlorobutadiene	n/a	=	7.73	µg/L	EPA 625.1	0.47	1			
2020/21-1	Lab	LCS, rec	2/2/2021	Organic	Hexachlorobutadiene	n/a	=	77	%	EPA 625.1	-88	-88	38	120	
2020/21-1	Lab	LCS dup	2/2/2021	Organic	Hexachlorobutadiene	n/a	=	8.81	µg/L	EPA 625.1	0.47	1			
2020/21-1	Lab	LCS dup, rec	2/2/2021	Organic	Hexachlorobutadiene	n/a	=	88	%	EPA 625.1	-88	-88	38	120	
2020/21-1	Lab	LCS, RPD	2/2/2021	Organic	Hexachlorobutadiene	n/a	=	13	%	EPA 625.1	-88	-88	0	30	
2020/21-1	Lab	method blank	2/2/2021	Organic	Hexachlorobutadiene	n/a	<	0.47	µg/L	EPA 625.1	0.47	1			
2020/21-1	Lab	LCS	1/7/2021	Organic	Hexachlorocyclopentadiene	n/a	DNQ	4.11	µg/L	EPA 625.1	0.98	5			
2020/21-1	Lab	LCS, rec	1/7/2021	Organic	Hexachlorocyclopentadiene	n/a	=	41	%	EPA 625.1	-88	-88	10	120	
2020/21-1	Lab	LCS dup	1/7/2021	Organic	Hexachlorocyclopentadiene	n/a	DNQ	4.95	µg/L	EPA 625.1	0.98	5			
2020/21-1	Lab	LCS dup, rec	1/7/2021	Organic	Hexachlorocyclopentadiene	n/a	=	50	%	EPA 625.1	-88	-88	10	120	
2020/21-1	Lab	LCS, RPD	1/7/2021	Organic	Hexachlorocyclopentadiene	n/a	=	19	%	EPA 625.1	-88	-88	0	30	
2020/21-1	Lab	method blank	1/7/2021	Organic	Hexachlorocyclopentadiene	n/a	<	0.98	µg/L	EPA 625.1	0.98	5			
2020/21-1	Lab	LCS	2/2/2021	Organic	Hexachlorocyclopentadiene	n/a	DNQ	3.77	µg/L	EPA 625.1	0.98	5			
2020/21-1	Lab	LCS, rec	2/2/2021	Organic	Hexachlorocyclopentadiene	n/a	=	38	%	EPA 625.1	-88	-88	10	120	
2020/21-1	Lab	LCS dup	2/2/2021	Organic	Hexachlorocyclopentadiene	n/a	DNQ	4.83	µg/L	EPA 625.1	0.98	5			
2020/21-1	Lab	LCS dup, rec	2/2/2021	Organic	Hexachlorocyclopentadiene	n/a	=	48	%	EPA 625.1	-88	-88	10	120	
2020/21-1	Lab	LCS, RPD	2/2/2021	Organic	Hexachlorocyclopentadiene	n/a	=	25	%	EPA 625.1	-88	-88	0	30	
2020/21-1	Lab	method blank	2/2/2021	Organic	Hexachlorocyclopentadiene	n/a	<	0.98	µg/L	EPA 625.1	0.98	5			
2020/21-1	Lab	LCS	1/7/2021	Organic	Hexachloroethane	n/a	=	6.67	µg/L	EPA 625.1	0.5	1			
2020/21-1	Lab	LCS, rec	1/7/2021	Organic	Hexachloroethane	n/a	=	67	%	EPA 625.1	-88	-88	55	120	
2020/21-1	Lab	LCS dup	1/7/2021	Organic	Hexachloroethane	n/a	=	7.91	µg/L	EPA 625.1	0.5	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	
2020/21-1	Lab	LCS dup. rec	1/7/2021	Organic	Hexachloroethane	n/a	=	79	%	EPA 625.1	-88	-88	55	120	
2020/21-1	Lab	LCS, RPD	1/7/2021	Organic	Hexachloroethane	n/a	=	17	%	EPA 625.1	-88	-88	0	30	
2020/21-1	Lab	method blank	1/7/2021	Organic	Hexachloroethane	n/a	<	0.5	µg/L	EPA 625.1	0.5	1			
2020/21-1	Lab	LCS	2/2/2021	Organic	Hexachloroethane	n/a	=	7.07	µg/L	EPA 625.1	0.5	1			
2020/21-1	Lab	LCS, rec	2/2/2021	Organic	Hexachloroethane	n/a	=	71	%	EPA 625.1	-88	-88	55	120	
2020/21-1	Lab	LCS dup	2/2/2021	Organic	Hexachloroethane	n/a	=	8.43	µg/L	EPA 625.1	0.5	1			
2020/21-1	Lab	LCS dup. rec	2/2/2021	Organic	Hexachloroethane	n/a	=	84	%	EPA 625.1	-88	-88	55	120	
2020/21-1	Lab	LCS, RPD	2/2/2021	Organic	Hexachloroethane	n/a	=	18	%	EPA 625.1	-88	-88	0	30	
2020/21-1	Lab	method blank	2/2/2021	Organic	Hexachloroethane	n/a	<	0.5	µg/L	EPA 625.1	0.5	1			
2020/21-1	Lab	LCS	1/7/2021	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	9.7	µg/L	EPA 625.1	0.55	2			
2020/21-1	Lab	LCS, rec	1/7/2021	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	97	%	EPA 625.1	-88	-88	0.1	151	
2020/21-1	Lab	LCS dup	1/7/2021	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	9.93	µg/L	EPA 625.1	0.55	2			
2020/21-1	Lab	LCS dup. rec	1/7/2021	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	99	%	EPA 625.1	-88	-88	0.1	151	
2020/21-1	Lab	LCS, RPD	1/7/2021	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	2	%	EPA 625.1	-88	-88	0	30	
2020/21-1	Lab	method blank	1/7/2021	Organic	Indeno(1,2,3-cd)pyrene	n/a	<	0.55	µg/L	EPA 625.1	0.55	2			
2020/21-1	Lab	method blank	1/30/2021	Organic	Indeno(1,2,3-cd)pyrene	n/a	<	0.065	µg/L	EPA 8270C	0.065	0.1			
2020/21-1	Lab	LCS	1/30/2021	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	7.66	µg/L	EPA 8270C	0.065	0.1			
2020/21-1	Lab	LCS, rec	1/30/2021	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	77	%	EPA 8270C	-88	-88	12	136	
2020/21-1	Lab	LCS dup	1/30/2021	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	7.74	µg/L	EPA 8270C	0.065	0.1			
2020/21-1	Lab	LCS dup. rec	1/30/2021	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	77	%	EPA 8270C	-88	-88	12	136	
2020/21-1	Lab	LCS, RPD	1/30/2021	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	1	%	EPA 8270C	-88	-88	0	30	
2020/21-1	Lab	LCS	2/2/2021	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	7.84	µg/L	EPA 625.1	0.55	2			
2020/21-1	Lab	LCS, rec	2/2/2021	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	78	%	EPA 625.1	-88	-88	0.1	151	
2020/21-1	Lab	LCS dup	2/2/2021	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	7.9	µg/L	EPA 625.1	0.55	2			
2020/21-1	Lab	LCS dup. rec	2/2/2021	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	79	%	EPA 625.1	-88	-88	0.1	151	
2020/21-1	Lab	LCS, RPD	2/2/2021	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	0.7	%	EPA 625.1	-88	-88	0	30	
2020/21-1	Lab	method blank	2/2/2021	Organic	Indeno(1,2,3-cd)pyrene	n/a	<	0.55	µg/L	EPA 625.1	0.55	2			
2020/21-1	Lab	LCS	1/7/2021	Organic	Isophorone	n/a	=	6.63	µg/L	EPA 625.1	0.21	1			
2020/21-1	Lab	LCS, rec	1/7/2021	Organic	Isophorone	n/a	=	66	%	EPA 625.1	-88	-88	47	180	
2020/21-1	Lab	LCS dup	1/7/2021	Organic	Isophorone	n/a	=	7.67	µg/L	EPA 625.1	0.21	1			
2020/21-1	Lab	LCS dup. rec	1/7/2021	Organic	Isophorone	n/a	=	77	%	EPA 625.1	-88	-88	47	180	
2020/21-1	Lab	LCS, RPD	1/7/2021	Organic	Isophorone	n/a	=	14	%	EPA 625.1	-88	-88	0	30	
2020/21-1	Lab	method blank	1/7/2021	Organic	Isophorone	n/a	<	0.21	µg/L	EPA 625.1	0.21	1			
2020/21-1	Lab	LCS	2/2/2021	Organic	Isophorone	n/a	=	8.17	µg/L	EPA 625.1	0.21	1			
2020/21-1	Lab	LCS, rec	2/2/2021	Organic	Isophorone	n/a	=	82	%	EPA 625.1	-88	-88	47	180	
2020/21-1	Lab	LCS dup	2/2/2021	Organic	Isophorone	n/a	=	9.5	µg/L	EPA 625.1	0.21	1			
2020/21-1	Lab	LCS dup. rec	2/2/2021	Organic	Isophorone	n/a	=	95	%	EPA 625.1	-88	-88	47	180	
2020/21-1	Lab	LCS, RPD	2/2/2021	Organic	Isophorone	n/a	=	15	%	EPA 625.1	-88	-88	0	30	
2020/21-1	Lab	method blank	2/2/2021	Organic	Isophorone	n/a	<	0.21	µg/L	EPA 625.1	0.21	1			
2020/21-1	Lab	LCS	12/29/2020	Organic	Methyl tert-butyl ether (MTBE)	n/a	=	198	µg/L	EPA 624.1	0.4	1			
2020/21-1	Lab	LCS, rec	12/29/2020	Organic	Methyl tert-butyl ether (MTBE)	n/a	=	99	%	EPA 624.1	-88	-88	80	128	
2020/21-1	Lab	LCS dup	12/29/2020	Organic	Methyl tert-butyl ether (MTBE)	n/a	=	204	µg/L	EPA 624.1	0.4	1			
2020/21-1	Lab	LCS dup. rec	12/29/2020	Organic	Methyl tert-butyl ether (MTBE)	n/a	=	102	%	EPA 624.1	-88	-88	80	128	
2020/21-1	Lab	LCS, RPD	12/29/2020	Organic	Methyl tert-butyl ether (MTBE)	n/a	=	3	%	EPA 624.1	-88	-88	0	25	
2020/21-1	Lab	method blank	12/29/2020	Organic	Methyl tert-butyl ether (MTBE)	n/a	<	0.4	µg/L	EPA 624.1	0.4	1			
2020/21-1	Lab	LCS	12/30/2020	Organic	Methyl tert-butyl ether (MTBE)	n/a	=	215	µg/L	EPA 624.1	0.4	1			
2020/21-1	Lab	LCS, rec	12/30/2020	Organic	Methyl tert-butyl ether (MTBE)	n/a	=	107	%	EPA 624.1	-88	-88	80	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	
2020/21-1	Lab	LCS dup	12/30/2020	Organic	Methyl tert-butyl ether (MTBE)	n/a	=	244	µg/L	EPA 624.1	0.4	1			
2020/21-1	Lab	LCS dup, rec	12/30/2020	Organic	Methyl tert-butyl ether (MTBE)	n/a	=	122	%	EPA 624.1	-88	-88	80	128	
2020/21-1	Lab	LCS, RPD	12/30/2020	Organic	Methyl tert-butyl ether (MTBE)	n/a	=	13	%	EPA 624.1	-88	-88	0	25	
2020/21-1	Lab	method blank	12/30/2020	Organic	Methyl tert-butyl ether (MTBE)	n/a	<	0.4	µg/L	EPA 624.1	0.4	1			
2020/21-1	MO-HUE	field duplicate	12/29/2020	Organic	Methyl tert-butyl ether (MTBE)	n/a	<	0.4	µg/L	EPA 624.1	0.4	1			
2020/21-1	MO-HUE	field blank	12/30/2020	Organic	Methyl tert-butyl ether (MTBE)	n/a	<	0.4	µg/L	EPA 624.1	0.4	1			
2020/21-1	Lab	LCS	1/7/2021	Organic	Naphthalene	n/a	=	6.67	µg/L	EPA 625.1	0.49	1			
2020/21-1	Lab	LCS, rec	1/7/2021	Organic	Naphthalene	n/a	=	67	%	EPA 625.1	-88	-88	36	120	
2020/21-1	Lab	LCS dup	1/7/2021	Organic	Naphthalene	n/a	=	7.59	µg/L	EPA 625.1	0.49	1			
2020/21-1	Lab	LCS dup, rec	1/7/2021	Organic	Naphthalene	n/a	=	76	%	EPA 625.1	-88	-88	36	120	
2020/21-1	Lab	LCS, RPD	1/7/2021	Organic	Naphthalene	n/a	=	13	%	EPA 625.1	-88	-88	0	30	
2020/21-1	Lab	method blank	1/7/2021	Organic	Naphthalene	n/a	<	0.49	µg/L	EPA 625.1	0.49	1			
2020/21-1	Lab	method blank	1/30/2021	Organic	Naphthalene	n/a	<	0.026	µg/L	EPA 8270C	0.026	0.1			
2020/21-1	Lab	LCS	1/30/2021	Organic	Naphthalene	n/a	=	7.32	µg/L	EPA 8270C	0.026	0.1			
2020/21-1	Lab	LCS, rec	1/30/2021	Organic	Naphthalene	n/a	=	73	%	EPA 8270C	-88	-88	12	136	
2020/21-1	Lab	LCS dup	1/30/2021	Organic	Naphthalene	n/a	=	8.28	µg/L	EPA 8270C	0.026	0.1			
2020/21-1	Lab	LCS dup, rec	1/30/2021	Organic	Naphthalene	n/a	=	83	%	EPA 8270C	-88	-88	12	136	
2020/21-1	Lab	LCS, RPD	1/30/2021	Organic	Naphthalene	n/a	=	12	%	EPA 8270C	-88	-88	0	30	
2020/21-1	Lab	LCS	2/2/2021	Organic	Naphthalene	n/a	=	7.59	µg/L	EPA 625.1	0.49	1			
2020/21-1	Lab	LCS, rec	2/2/2021	Organic	Naphthalene	n/a	=	76	%	EPA 625.1	-88	-88	36	120	
2020/21-1	Lab	LCS dup	2/2/2021	Organic	Naphthalene	n/a	=	8.64	µg/L	EPA 625.1	0.49	1			
2020/21-1	Lab	LCS dup, rec	2/2/2021	Organic	Naphthalene	n/a	=	86	%	EPA 625.1	-88	-88	36	120	
2020/21-1	Lab	LCS, RPD	2/2/2021	Organic	Naphthalene	n/a	=	13	%	EPA 625.1	-88	-88	0	30	
2020/21-1	Lab	method blank	2/2/2021	Organic	Naphthalene	n/a	<	0.49	µg/L	EPA 625.1	0.49	1			
2020/21-1	Lab	LCS	1/7/2021	Organic	Nitrobenzene	n/a	=	6.33	µg/L	EPA 625.1	0.36	1			
2020/21-1	Lab	LCS, rec	1/7/2021	Organic	Nitrobenzene	n/a	=	63	%	EPA 625.1	-88	-88	54	158	
2020/21-1	Lab	LCS dup	1/7/2021	Organic	Nitrobenzene	n/a	=	7.33	µg/L	EPA 625.1	0.36	1			
2020/21-1	Lab	LCS dup, rec	1/7/2021	Organic	Nitrobenzene	n/a	=	73	%	EPA 625.1	-88	-88	54	158	
2020/21-1	Lab	LCS, RPD	1/7/2021	Organic	Nitrobenzene	n/a	=	15	%	EPA 625.1	-88	-88	0	30	
2020/21-1	Lab	method blank	1/7/2021	Organic	Nitrobenzene	n/a	<	0.36	µg/L	EPA 625.1	0.36	1			
2020/21-1	Lab	LCS	2/2/2021	Organic	Nitrobenzene	n/a	=	7.59	µg/L	EPA 625.1	0.36	1			
2020/21-1	Lab	LCS, rec	2/2/2021	Organic	Nitrobenzene	n/a	=	76	%	EPA 625.1	-88	-88	54	158	
2020/21-1	Lab	LCS dup	2/2/2021	Organic	Nitrobenzene	n/a	=	9.08	µg/L	EPA 625.1	0.36	1			
2020/21-1	Lab	LCS dup, rec	2/2/2021	Organic	Nitrobenzene	n/a	=	91	%	EPA 625.1	-88	-88	54	158	
2020/21-1	Lab	LCS, RPD	2/2/2021	Organic	Nitrobenzene	n/a	=	18	%	EPA 625.1	-88	-88	0	30	
2020/21-1	Lab	method blank	2/2/2021	Organic	Nitrobenzene	n/a	<	0.36	µg/L	EPA 625.1	0.36	1			
2020/21-1	Lab	srgt LCS	1/7/2021	Organic	Nitrobenzene-d5	n/a	=	3.06	µg/L	EPA 625.1	-88	-88			
2020/21-1	Lab	srgt LCS, rec	1/7/2021	Organic	Nitrobenzene-d5	n/a	=	61	%	EPA 625.1	-88	-88	47	120	
2020/21-1	Lab	srgt LCS dup	1/7/2021	Organic	Nitrobenzene-d5	n/a	=	3.62	µg/L	EPA 625.1	-88	-88			
2020/21-1	Lab	srgt LCS dup, rec	1/7/2021	Organic	Nitrobenzene-d5	n/a	=	72	%	EPA 625.1	-88	-88	47	120	
2020/21-1	Lab	srgt method blank	1/7/2021	Organic	Nitrobenzene-d5	n/a	=	3.37	µg/L	EPA 625.1	-88	-88			
2020/21-1	Lab	srgt method blank, rec	1/7/2021	Organic	Nitrobenzene-d5	n/a	=	67	%	EPA 625.1	-88	-88	47	120	
2020/21-1	Lab	srgt method blank	1/30/2021	Organic	Nitrobenzene-d5	n/a	=	3.05	µg/L	EPA 8270C	-88	-88			
2020/21-1	Lab	srgt method blank, rec	1/30/2021	Organic	Nitrobenzene-d5	n/a	=	61	%	EPA 8270C	-88	-88	51	143	
2020/21-1	Lab	srgt LCS	1/30/2021	Organic	Nitrobenzene-d5	n/a	=	2.95	µg/L	EPA 8270C	-88	-88			
2020/21-1	Lab	srgt LCS, rec	1/30/2021	Organic	Nitrobenzene-d5	n/a	=	59	%	EPA 8270C	-88	-88	51	143	
2020/21-1	Lab	srgt LCS dup	1/30/2021	Organic	Nitrobenzene-d5	n/a	=	3.53	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	
2020/21-1	Lab	srqt LCS dup, rec	1/30/2021	Organic	Nitrobenzene-d5	n/a	=	71	%	EPA 8270C	-88	-88	51	143	
2020/21-1	Lab	srqt LCS	2/2/2021	Organic	Nitrobenzene-d5	n/a	=	4.01	µg/L	EPA 625.1	-88	-88			
2020/21-1	Lab	srqt LCS, rec	2/2/2021	Organic	Nitrobenzene-d5	n/a	=	80	%	EPA 625.1	-88	-88	47	120	
2020/21-1	Lab	srqt LCS dup	2/2/2021	Organic	Nitrobenzene-d5	n/a	=	4.88	µg/L	EPA 625.1	-88	-88			
2020/21-1	Lab	srqt LCS dup, rec	2/2/2021	Organic	Nitrobenzene-d5	n/a	=	98	%	EPA 625.1	-88	-88	47	120	
2020/21-1	Lab	srqt method blank	2/2/2021	Organic	Nitrobenzene-d5	n/a	=	4.53	µg/L	EPA 625.1	-88	-88			
2020/21-1	Lab	srqt method blank, rec	2/2/2021	Organic	Nitrobenzene-d5	n/a	=	91	%	EPA 625.1	-88	-88	47	120	
2020/21-1	ME-CC	srqt environ	1/30/2021	Organic	Nitrobenzene-d5	n/a	=	3.38	µg/L	EPA 8270C	-88	-88			
2020/21-1	ME-CC	srqt environ, rec	1/30/2021	Organic	Nitrobenzene-d5	n/a	=	68	%	EPA 8270C	-88	-88	51	143	
2020/21-1	ME-CC	srqt environ	2/2/2021	Organic	Nitrobenzene-d5	n/a	=	4.39	µg/L	EPA 625.1	-88	-88			
2020/21-1	ME-CC	srqt environ, rec	2/2/2021	Organic	Nitrobenzene-d5	n/a	=	88	%	EPA 625.1	-88	-88	47	120	
2020/21-1	ME-SCR	srqt environ	1/30/2021	Organic	Nitrobenzene-d5	n/a	=	33.4	µg/L	EPA 8270C	-88	-88			
2020/21-1	ME-SCR	srqt environ, rec	1/30/2021	Organic	Nitrobenzene-d5	n/a	=	67	%	EPA 8270C	-88	-88	51	143	
2020/21-1	ME-SCR	srqt environ	2/2/2021	Organic	Nitrobenzene-d5	n/a	=	44.8	µg/L	EPA 625.1	-88	-88			
2020/21-1	ME-SCR	srqt environ, rec	2/2/2021	Organic	Nitrobenzene-d5	n/a	=	90	%	EPA 625.1	-88	-88	47	120	
2020/21-1	ME-VR2	srqt environ	1/30/2021	Organic	Nitrobenzene-d5	n/a	=	3.4	µg/L	EPA 8270C	-88	-88			
2020/21-1	ME-VR2	srqt environ, rec	1/30/2021	Organic	Nitrobenzene-d5	n/a	=	68	%	EPA 8270C	-88	-88	51	143	
2020/21-1	ME-VR2	srqt environ	2/2/2021	Organic	Nitrobenzene-d5	n/a	=	4.78	µg/L	EPA 625.1	-88	-88			
2020/21-1	ME-VR2	srqt environ, rec	2/2/2021	Organic	Nitrobenzene-d5	n/a	=	96	%	EPA 625.1	-88	-88	47	120	
2020/21-1	MO-CAM	srqt environ	1/30/2021	Organic	Nitrobenzene-d5	n/a	=	12.8	µg/L	EPA 8270C	-88	-88			GN
2020/21-1	MO-CAM	srqt environ, rec	1/30/2021	Organic	Nitrobenzene-d5	n/a	=	26	%	EPA 8270C	-88	-88	51	143	GN
2020/21-1	MO-CAM	srqt environ	2/2/2021	Organic	Nitrobenzene-d5	n/a	=	17.3	µg/L	EPA 625.1	-88	-88			GN
2020/21-1	MO-CAM	srqt environ, rec	2/2/2021	Organic	Nitrobenzene-d5	n/a	=	35	%	EPA 625.1	-88	-88	47	120	GN
2020/21-1	MO-FIL	srqt environ	1/30/2021	Organic	Nitrobenzene-d5	n/a	=	26.9	µg/L	EPA 8270C	-88	-88			
2020/21-1	MO-FIL	srqt environ, rec	1/30/2021	Organic	Nitrobenzene-d5	n/a	=	54	%	EPA 8270C	-88	-88	51	143	
2020/21-1	MO-FIL	srqt environ	2/2/2021	Organic	Nitrobenzene-d5	n/a	=	36.3	µg/L	EPA 625.1	-88	-88			
2020/21-1	MO-FIL	srqt environ, rec	2/2/2021	Organic	Nitrobenzene-d5	n/a	=	73	%	EPA 625.1	-88	-88	47	120	
2020/21-1	MO-HUE	srqt environ	1/31/2021	Organic	Nitrobenzene-d5	n/a	=	34.3	µg/L	EPA 8270C	-88	-88			
2020/21-1	MO-HUE	srqt environ, rec	1/31/2021	Organic	Nitrobenzene-d5	n/a	=	69	%	EPA 8270C	-88	-88	51	143	
2020/21-1	MO-HUE	srqt environ	2/3/2021	Organic	Nitrobenzene-d5	n/a	=	46.7	µg/L	EPA 625.1	-88	-88			
2020/21-1	MO-HUE	srqt environ, rec	2/3/2021	Organic	Nitrobenzene-d5	n/a	=	93	%	EPA 625.1	-88	-88	47	120	
2020/21-1	MO-MEI	srqt environ	1/30/2021	Organic	Nitrobenzene-d5	n/a	=	27.1	µg/L	EPA 8270C	-88	-88			
2020/21-1	MO-MEI	srqt environ, rec	1/30/2021	Organic	Nitrobenzene-d5	n/a	=	54	%	EPA 8270C	-88	-88	51	143	
2020/21-1	MO-MEI	srqt environ	2/2/2021	Organic	Nitrobenzene-d5	n/a	=	37.1	µg/L	EPA 625.1	-88	-88			
2020/21-1	MO-MEI	srqt environ, rec	2/2/2021	Organic	Nitrobenzene-d5	n/a	=	74	%	EPA 625.1	-88	-88	47	120	
2020/21-1	MO-MPK	srqt environ	1/30/2021	Organic	Nitrobenzene-d5	n/a	=	30.5	µg/L	EPA 8270C	-88	-88			
2020/21-1	MO-MPK	srqt environ, rec	1/30/2021	Organic	Nitrobenzene-d5	n/a	=	61	%	EPA 8270C	-88	-88	51	143	
2020/21-1	MO-MPK	srqt environ	2/3/2021	Organic	Nitrobenzene-d5	n/a	=	41.5	µg/L	EPA 625.1	-88	-88			
2020/21-1	MO-MPK	srqt environ, rec	2/3/2021	Organic	Nitrobenzene-d5	n/a	=	83	%	EPA 625.1	-88	-88	47	120	
2020/21-1	MO-OJA	srqt environ	1/30/2021	Organic	Nitrobenzene-d5	n/a	=	33.3	µg/L	EPA 8270C	-88	-88			
2020/21-1	MO-OJA	srqt environ, rec	1/30/2021	Organic	Nitrobenzene-d5	n/a	=	67	%	EPA 8270C	-88	-88	51	143	
2020/21-1	MO-OJA	srqt environ	2/2/2021	Organic	Nitrobenzene-d5	n/a	=	44.8	µg/L	EPA 625.1	-88	-88			
2020/21-1	MO-OJA	srqt environ, rec	2/2/2021	Organic	Nitrobenzene-d5	n/a	=	90	%	EPA 625.1	-88	-88	47	120	
2020/21-1	MO-oxn	srqt environ	1/31/2021	Organic	Nitrobenzene-d5	n/a	=	27.4	µg/L	EPA 8270C	-88	-88			
2020/21-1	MO-oxn	srqt environ, rec	1/31/2021	Organic	Nitrobenzene-d5	n/a	=	55	%	EPA 8270C	-88	-88	51	143	
2020/21-1	MO-oxn	srqt environ	2/3/2021	Organic	Nitrobenzene-d5	n/a	=	37.1	µg/L	EPA 625.1	-88	-88			
2020/21-1	MO-oxn	srqt environ, rec	2/3/2021	Organic	Nitrobenzene-d5	n/a	=	74	%	EPA 625.1	-88	-88	47	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	
2020/21-1	MO-SIM	srgt environ	1/30/2021	Organic	Nitrobenzene-d5	n/a	=	33.1	µg/L	EPA 8270C	-88	-88			
2020/21-1	MO-SIM	srgt environ, rec	1/30/2021	Organic	Nitrobenzene-d5	n/a	=	66	%	EPA 8270C	-88	-88	51	143	
2020/21-1	MO-SIM	srgt environ	2/2/2021	Organic	Nitrobenzene-d5	n/a	=	46.8	µg/L	EPA 625.1	-88	-88			
2020/21-1	MO-SIM	srgt environ, rec	2/2/2021	Organic	Nitrobenzene-d5	n/a	=	94	%	EPA 625.1	-88	-88	47	120	
2020/21-1	MO-SPA	srgt environ	1/30/2021	Organic	Nitrobenzene-d5	n/a	=	27	µg/L	EPA 8270C	-88	-88			
2020/21-1	MO-SPA	srgt environ, rec	1/30/2021	Organic	Nitrobenzene-d5	n/a	=	54	%	EPA 8270C	-88	-88	51	143	
2020/21-1	MO-SPA	srgt environ	2/2/2021	Organic	Nitrobenzene-d5	n/a	=	37	µg/L	EPA 625.1	-88	-88			
2020/21-1	MO-SPA	srgt environ, rec	2/2/2021	Organic	Nitrobenzene-d5	n/a	=	74	%	EPA 625.1	-88	-88	47	120	
2020/21-1	MO-THO	srgt environ	1/31/2021	Organic	Nitrobenzene-d5	n/a	=	30.5	µg/L	EPA 8270C	-88	-88			
2020/21-1	MO-THO	srgt environ, rec	1/31/2021	Organic	Nitrobenzene-d5	n/a	=	61	%	EPA 8270C	-88	-88	51	143	
2020/21-1	MO-THO	srgt environ	2/3/2021	Organic	Nitrobenzene-d5	n/a	=	40.6	µg/L	EPA 625.1	-88	-88			
2020/21-1	MO-THO	srgt environ, rec	2/3/2021	Organic	Nitrobenzene-d5	n/a	=	81	%	EPA 625.1	-88	-88	47	120	
2020/21-1	MO-VEN	srgt environ	1/30/2021	Organic	Nitrobenzene-d5	n/a	=	30.1	µg/L	EPA 8270C	-88	-88			
2020/21-1	MO-VEN	srgt environ, rec	1/30/2021	Organic	Nitrobenzene-d5	n/a	=	60	%	EPA 8270C	-88	-88	51	143	
2020/21-1	MO-VEN	srgt environ	2/2/2021	Organic	Nitrobenzene-d5	n/a	=	41.9	µg/L	EPA 625.1	-88	-88			
2020/21-1	MO-VEN	srgt environ, rec	2/2/2021	Organic	Nitrobenzene-d5	n/a	=	84	%	EPA 625.1	-88	-88	47	120	
2020/21-1	Lab	LCS	1/7/2021	Organic	N-Nitrosodimethylamine	n/a	=	3.33	µg/L	EPA 625.1	0.5	1			
2020/21-1	Lab	LCS, rec	1/7/2021	Organic	N-Nitrosodimethylamine	n/a	=	33	%	EPA 625.1	-88	-88	22	120	
2020/21-1	Lab	LCS dup	1/7/2021	Organic	N-Nitrosodimethylamine	n/a	=	4.16	µg/L	EPA 625.1	0.5	1			
2020/21-1	Lab	LCS dup, rec	1/7/2021	Organic	N-Nitrosodimethylamine	n/a	=	42	%	EPA 625.1	-88	-88	22	120	
2020/21-1	Lab	LCS, RPD	1/7/2021	Organic	N-Nitrosodimethylamine	n/a	=	22	%	EPA 625.1	-88	-88	0	30	
2020/21-1	Lab	method blank	1/7/2021	Organic	N-Nitrosodimethylamine	n/a	<	0.5	µg/L	EPA 625.1	0.5	1			
2020/21-1	Lab	LCS	2/2/2021	Organic	N-Nitrosodimethylamine	n/a	=	4.29	µg/L	EPA 625.1	0.5	1			
2020/21-1	Lab	LCS, rec	2/2/2021	Organic	N-Nitrosodimethylamine	n/a	=	43	%	EPA 625.1	-88	-88	22	120	
2020/21-1	Lab	LCS dup	2/2/2021	Organic	N-Nitrosodimethylamine	n/a	=	5.28	µg/L	EPA 625.1	0.5	1			
2020/21-1	Lab	LCS dup, rec	2/2/2021	Organic	N-Nitrosodimethylamine	n/a	=	53	%	EPA 625.1	-88	-88	22	120	
2020/21-1	Lab	LCS, RPD	2/2/2021	Organic	N-Nitrosodimethylamine	n/a	=	21	%	EPA 625.1	-88	-88	0	30	
2020/21-1	Lab	method blank	2/2/2021	Organic	N-Nitrosodimethylamine	n/a	<	0.5	µg/L	EPA 625.1	0.5	1			
2020/21-1	Lab	LCS	1/7/2021	Organic	N-Nitrosodi-N-propylamine	n/a	=	6.91	µg/L	EPA 625.1	0.26	1			
2020/21-1	Lab	LCS, rec	1/7/2021	Organic	N-Nitrosodi-N-propylamine	n/a	=	69	%	EPA 625.1	-88	-88	14	198	
2020/21-1	Lab	LCS dup	1/7/2021	Organic	N-Nitrosodi-N-propylamine	n/a	=	8.07	µg/L	EPA 625.1	0.26	1			
2020/21-1	Lab	LCS dup, rec	1/7/2021	Organic	N-Nitrosodi-N-propylamine	n/a	=	81	%	EPA 625.1	-88	-88	14	198	
2020/21-1	Lab	LCS, RPD	1/7/2021	Organic	N-Nitrosodi-N-propylamine	n/a	=	15	%	EPA 625.1	-88	-88	0	30	
2020/21-1	Lab	method blank	1/7/2021	Organic	N-Nitrosodi-N-propylamine	n/a	<	0.26	µg/L	EPA 625.1	0.26	1			
2020/21-1	Lab	LCS	2/2/2021	Organic	N-Nitrosodi-N-propylamine	n/a	=	7.97	µg/L	EPA 625.1	0.26	1			
2020/21-1	Lab	LCS, rec	2/2/2021	Organic	N-Nitrosodi-N-propylamine	n/a	=	80	%	EPA 625.1	-88	-88	14	198	
2020/21-1	Lab	LCS dup	2/2/2021	Organic	N-Nitrosodi-N-propylamine	n/a	=	9.35	µg/L	EPA 625.1	0.26	1			
2020/21-1	Lab	LCS dup, rec	2/2/2021	Organic	N-Nitrosodi-N-propylamine	n/a	=	94	%	EPA 625.1	-88	-88	14	198	
2020/21-1	Lab	LCS, RPD	2/2/2021	Organic	N-Nitrosodi-N-propylamine	n/a	=	16	%	EPA 625.1	-88	-88	0	30	
2020/21-1	Lab	method blank	2/2/2021	Organic	N-Nitrosodi-N-propylamine	n/a	<	0.26	µg/L	EPA 625.1	0.26	1			
2020/21-1	Lab	LCS	1/7/2021	Organic	N-Nitrosodiphenylamine	n/a	=	6.58	µg/L	EPA 625.1	0.19	1			
2020/21-1	Lab	LCS, rec	1/7/2021	Organic	N-Nitrosodiphenylamine	n/a	=	66	%	EPA 625.1	-88	-88	47	120	
2020/21-1	Lab	LCS dup	1/7/2021	Organic	N-Nitrosodiphenylamine	n/a	=	7.22	µg/L	EPA 625.1	0.19	1			
2020/21-1	Lab	LCS dup, rec	1/7/2021	Organic	N-Nitrosodiphenylamine	n/a	=	72	%	EPA 625.1	-88	-88	47	120	
2020/21-1	Lab	LCS, RPD	1/7/2021	Organic	N-Nitrosodiphenylamine	n/a	=	9	%	EPA 625.1	-88	-88	0	30	
2020/21-1	Lab	method blank	1/7/2021	Organic	N-Nitrosodiphenylamine	n/a	<	0.19	µg/L	EPA 625.1	0.19	1			
2020/21-1	Lab	LCS	2/2/2021	Organic	N-Nitrosodiphenylamine	n/a	=	6.92	µg/L	EPA 625.1	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	
2020/21-1	Lab	LCS, rec	2/2/2021	Organic	N-Nitrosodiphenylamine	n/a	=	69	%	EPA 625.1	-88	-88	47	120	
2020/21-1	Lab	LCS dup	2/2/2021	Organic	N-Nitrosodiphenylamine	n/a	=	7.67	µg/L	EPA 625.1	0.19	1			
2020/21-1	Lab	LCS dup, rec	2/2/2021	Organic	N-Nitrosodiphenylamine	n/a	=	77	%	EPA 625.1	-88	-88	47	120	
2020/21-1	Lab	LCS, RPD	2/2/2021	Organic	N-Nitrosodiphenylamine	n/a	=	10	%	EPA 625.1	-88	-88	0	30	
2020/21-1	Lab	method blank	2/2/2021	Organic	N-Nitrosodiphenylamine	n/a	<	0.19	µg/L	EPA 625.1	0.19	1			
2020/21-1	Lab	srgt LCS	1/15/2021	Organic	Perylene-d12	n/a	=	5.01	µg/L	EPA 525.2	-88	-88			
2020/21-1	Lab	srgt LCS, rec	1/15/2021	Organic	Perylene-d12	n/a	=	100	%	EPA 525.2	-88	-88	50	120	
2020/21-1	Lab	srgt LCS dup	1/15/2021	Organic	Perylene-d12	n/a	=	5.1	µg/L	EPA 525.2	-88	-88			
2020/21-1	Lab	srgt LCS dup, rec	1/15/2021	Organic	Perylene-d12	n/a	=	102	%	EPA 525.2	-88	-88	50	120	
2020/21-1	Lab	srgt method blank	1/15/2021	Organic	Perylene-d12	n/a	=	4.97	µg/L	EPA 525.2	-88	-88			
2020/21-1	Lab	srgt method blank, rec	1/15/2021	Organic	Perylene-d12	n/a	=	99	%	EPA 525.2	-88	-88	50	120	
2020/21-1	Lab	srgt method blank	1/21/2021	Organic	Perylene-d12	n/a	=	4.47	µg/L	EPA 525.2	-88	-88			
2020/21-1	Lab	srgt method blank, rec	1/21/2021	Organic	Perylene-d12	n/a	=	89	%	EPA 525.2	-88	-88	50	120	
2020/21-1	Lab	srgt LCS	1/21/2021	Organic	Perylene-d12	n/a	=	4.91	µg/L	EPA 525.2	-88	-88			
2020/21-1	Lab	srgt LCS, rec	1/21/2021	Organic	Perylene-d12	n/a	=	98	%	EPA 525.2	-88	-88	50	120	
2020/21-1	Lab	srgt LCS dup	1/21/2021	Organic	Perylene-d12	n/a	=	4.77	µg/L	EPA 525.2	-88	-88			
2020/21-1	Lab	srgt LCS dup, rec	1/21/2021	Organic	Perylene-d12	n/a	=	95	%	EPA 525.2	-88	-88	50	120	
2020/21-1	ME-CC	srgt environ	1/16/2021	Organic	Perylene-d12	n/a	=	3.9	µg/L	EPA 525.2	-88	-88			
2020/21-1	ME-CC	srgt environ, rec	1/16/2021	Organic	Perylene-d12	n/a	=	76	%	EPA 525.2	-88	-88	50	120	
2020/21-1	ME-SCR	srgt environ	1/16/2021	Organic	Perylene-d12	n/a	=	81.1	µg/L	EPA 525.2	-88	-88			
2020/21-1	ME-SCR	srgt environ, rec	1/16/2021	Organic	Perylene-d12	n/a	=	76	%	EPA 525.2	-88	-88	50	120	
2020/21-1	ME-VR2	srgt matrix spike	1/15/2021	Organic	Perylene-d12	n/a	=	4.88	µg/L	EPA 525.2	-88	-88			
2020/21-1	ME-VR2	srgt matrix spike, rec	1/15/2021	Organic	Perylene-d12	n/a	=	98	%	EPA 525.2	-88	-88	50	120	
2020/21-1	ME-VR2	srgt matrix spike dup	1/15/2021	Organic	Perylene-d12	n/a	=	4.99	µg/L	EPA 525.2	-88	-88			
2020/21-1	ME-VR2	srgt matrix spike dup, rec	1/15/2021	Organic	Perylene-d12	n/a	=	100	%	EPA 525.2	-88	-88	50	120	
2020/21-1	ME-VR2	srgt environ	1/16/2021	Organic	Perylene-d12	n/a	=	3.49	µg/L	EPA 525.2	-88	-88			
2020/21-1	ME-VR2	srgt environ, rec	1/16/2021	Organic	Perylene-d12	n/a	=	70	%	EPA 525.2	-88	-88	50	120	
2020/21-1	MO-CAM	srgt environ	1/16/2021	Organic	Perylene-d12	n/a	=	88.9	µg/L	EPA 525.2	-88	-88			
2020/21-1	MO-CAM	srgt environ, rec	1/16/2021	Organic	Perylene-d12	n/a	=	89	%	EPA 525.2	-88	-88	50	120	
2020/21-1	MO-FIL	srgt environ	1/16/2021	Organic	Perylene-d12	n/a	=	201	µg/L	EPA 525.2	-88	-88			
2020/21-1	MO-FIL	srgt environ, rec	1/16/2021	Organic	Perylene-d12	n/a	=	81	%	EPA 525.2	-88	-88	50	120	
2020/21-1	MO-HUE	srgt environ	1/22/2021	Organic	Perylene-d12	n/a	=	27.2	µg/L	EPA 525.2	-88	-88			
2020/21-1	MO-HUE	srgt environ, rec	1/22/2021	Organic	Perylene-d12	n/a	=	54	%	EPA 525.2	-88	-88	50	120	
2020/21-1	MO-MEI	srgt environ	1/16/2021	Organic	Perylene-d12	n/a	=	252	µg/L	EPA 525.2	-88	-88			
2020/21-1	MO-MEI	srgt environ, rec	1/16/2021	Organic	Perylene-d12	n/a	=	101	%	EPA 525.2	-88	-88	50	120	
2020/21-1	MO-MPK	srgt environ	1/22/2021	Organic	Perylene-d12	n/a	=	84.2	µg/L	EPA 525.2	-88	-88			
2020/21-1	MO-MPK	srgt environ, rec	1/22/2021	Organic	Perylene-d12	n/a	=	84	%	EPA 525.2	-88	-88	50	120	
2020/21-1	MO-OJA	srgt environ	1/16/2021	Organic	Perylene-d12	n/a	=	102	µg/L	EPA 525.2	-88	-88			
2020/21-1	MO-OJA	srgt environ, rec	1/16/2021	Organic	Perylene-d12	n/a	=	102	%	EPA 525.2	-88	-88	50	120	
2020/21-1	MO-OXN	srgt environ	1/22/2021	Organic	Perylene-d12	n/a	=	87.7	µg/L	EPA 525.2	-88	-88			
2020/21-1	MO-OXN	srgt environ, rec	1/22/2021	Organic	Perylene-d12	n/a	=	88	%	EPA 525.2	-88	-88	50	120	
2020/21-1	MO-SIM	srgt environ	1/22/2021	Organic	Perylene-d12	n/a	=	77.6	µg/L	EPA 525.2	-88	-88			
2020/21-1	MO-SIM	srgt environ, rec	1/22/2021	Organic	Perylene-d12	n/a	=	78	%	EPA 525.2	-88	-88	50	120	
2020/21-1	MO-SPA	srgt environ	1/16/2021	Organic	Perylene-d12	n/a	=	248	µg/L	EPA 525.2	-88	-88			
2020/21-1	MO-SPA	srgt environ, rec	1/16/2021	Organic	Perylene-d12	n/a	=	99	%	EPA 525.2	-88	-88	50	120	
2020/21-1	MO-THO	srgt environ	1/22/2021	Organic	Perylene-d12	n/a	=	84	µg/L	EPA 525.2	-88	-88			
2020/21-1	MO-THO	srgt environ, rec	1/22/2021	Organic	Perylene-d12	n/a	=	84	%	EPA 525.2	-88	-88	50	120	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2020/21-1	MO-VEN	srgt environ	1/16/2021	Organic	Perylene-d12	n/a	=	256	µg/L	EPA 525.2	-88	-88			
2020/21-1	MO-VEN	srgt environ, rec	1/16/2021	Organic	Perylene-d12	n/a	=	102	%	EPA 525.2	-88	-88	50	120	
2020/21-1	Lab	LCS	1/7/2021	Organic	Phenanthrene	n/a	=	8.13	µg/L	EPA 625.1	0.32	1			
2020/21-1	Lab	LCS, rec	1/7/2021	Organic	Phenanthrene	n/a	=	81	%	EPA 625.1	-88	-88	65	120	
2020/21-1	Lab	LCS dup	1/7/2021	Organic	Phenanthrene	n/a	=	8.6	µg/L	EPA 625.1	0.32	1			
2020/21-1	Lab	LCS dup, rec	1/7/2021	Organic	Phenanthrene	n/a	=	86	%	EPA 625.1	-88	-88	65	120	
2020/21-1	Lab	LCS, RPD	1/7/2021	Organic	Phenanthrene	n/a	=	6	%	EPA 625.1	-88	-88	0	30	
2020/21-1	Lab	method blank	1/7/2021	Organic	Phenanthrene	n/a	<	0.32	µg/L	EPA 625.1	0.32	1			
2020/21-1	Lab	method blank	1/30/2021	Organic	Phenanthrene	n/a	<	0.029	µg/L	EPA 8270C	0.029	0.1			
2020/21-1	Lab	LCS	1/30/2021	Organic	Phenanthrene	n/a	=	8.66	µg/L	EPA 8270C	0.029	0.1			
2020/21-1	Lab	LCS, rec	1/30/2021	Organic	Phenanthrene	n/a	=	87	%	EPA 8270C	-88	-88	21	131	
2020/21-1	Lab	LCS dup	1/30/2021	Organic	Phenanthrene	n/a	=	9.11	µg/L	EPA 8270C	0.029	0.1			
2020/21-1	Lab	LCS dup, rec	1/30/2021	Organic	Phenanthrene	n/a	=	91	%	EPA 8270C	-88	-88	21	131	
2020/21-1	Lab	LCS, RPD	1/30/2021	Organic	Phenanthrene	n/a	=	5	%	EPA 8270C	-88	-88	0	30	
2020/21-1	Lab	LCS	2/2/2021	Organic	Phenanthrene	n/a	=	8.75	µg/L	EPA 625.1	0.32	1			
2020/21-1	Lab	LCS, rec	2/2/2021	Organic	Phenanthrene	n/a	=	88	%	EPA 625.1	-88	-88	65	120	
2020/21-1	Lab	LCS dup	2/2/2021	Organic	Phenanthrene	n/a	=	9.33	µg/L	EPA 625.1	0.32	1			
2020/21-1	Lab	LCS dup, rec	2/2/2021	Organic	Phenanthrene	n/a	=	93	%	EPA 625.1	-88	-88	65	120	
2020/21-1	Lab	LCS, RPD	2/2/2021	Organic	Phenanthrene	n/a	=	6	%	EPA 625.1	-88	-88	0	30	
2020/21-1	Lab	method blank	2/2/2021	Organic	Phenanthrene	n/a	<	0.32	µg/L	EPA 625.1	0.32	1			
2020/21-1	Lab	LCS	1/7/2021	Organic	Phenol	n/a	=	3.03	µg/L	EPA 625.1	0.16	1			
2020/21-1	Lab	LCS, rec	1/7/2021	Organic	Phenol	n/a	=	30	%	EPA 625.1	-88	-88	17	120	
2020/21-1	Lab	LCS dup	1/7/2021	Organic	Phenol	n/a	=	3.48	µg/L	EPA 625.1	0.16	1			
2020/21-1	Lab	LCS dup, rec	1/7/2021	Organic	Phenol	n/a	=	35	%	EPA 625.1	-88	-88	17	120	
2020/21-1	Lab	LCS, RPD	1/7/2021	Organic	Phenol	n/a	=	14	%	EPA 625.1	-88	-88	0	30	
2020/21-1	Lab	method blank	1/7/2021	Organic	Phenol	n/a	<	0.16	µg/L	EPA 625.1	0.16	1			
2020/21-1	Lab	method blank	2/1/2021	Organic	Phenol	n/a	<	0.35	µg/L	EPA 8270C	0.35	1			
2020/21-1	Lab	LCS	2/1/2021	Organic	Phenol	n/a	=	3.02	µg/L	EPA 8270C	0.35	1			
2020/21-1	Lab	LCS, rec	2/1/2021	Organic	Phenol	n/a	=	30	%	EPA 8270C	-88	-88	6	43	
2020/21-1	Lab	LCS dup	2/1/2021	Organic	Phenol	n/a	=	3.35	µg/L	EPA 8270C	0.35	1			
2020/21-1	Lab	LCS dup, rec	2/1/2021	Organic	Phenol	n/a	=	34	%	EPA 8270C	-88	-88	6	43	
2020/21-1	Lab	LCS, RPD	2/1/2021	Organic	Phenol	n/a	=	10	%	EPA 8270C	-88	-88	0	30	
2020/21-1	Lab	LCS	2/2/2021	Organic	Phenol	n/a	=	3.39	µg/L	EPA 625.1	0.16	1			
2020/21-1	Lab	LCS, rec	2/2/2021	Organic	Phenol	n/a	=	34	%	EPA 625.1	-88	-88	17	120	
2020/21-1	Lab	LCS dup	2/2/2021	Organic	Phenol	n/a	=	3.94	µg/L	EPA 625.1	0.16	1			
2020/21-1	Lab	LCS dup, rec	2/2/2021	Organic	Phenol	n/a	=	39	%	EPA 625.1	-88	-88	17	120	
2020/21-1	Lab	LCS, RPD	2/2/2021	Organic	Phenol	n/a	=	15	%	EPA 625.1	-88	-88	0	30	
2020/21-1	Lab	method blank	2/2/2021	Organic	Phenol	n/a	<	0.16	µg/L	EPA 625.1	0.16	1			
2020/21-1	Lab	srgt LCS	1/7/2021	Organic	Phenol-d5	n/a	=	2.87	µg/L	EPA 625.1	-88	-88			
2020/21-1	Lab	srgt LCS, rec	1/7/2021	Organic	Phenol-d5	n/a	=	29	%	EPA 625.1	-88	-88	12	120	
2020/21-1	Lab	srgt LCS dup	1/7/2021	Organic	Phenol-d5	n/a	=	3.24	µg/L	EPA 625.1	-88	-88			
2020/21-1	Lab	srgt LCS dup, rec	1/7/2021	Organic	Phenol-d5	n/a	=	32	%	EPA 625.1	-88	-88	12	120	
2020/21-1	Lab	srgt method blank	1/7/2021	Organic	Phenol-d5	n/a	=	3.02	µg/L	EPA 625.1	-88	-88			
2020/21-1	Lab	srgt method blank, rec	1/7/2021	Organic	Phenol-d5	n/a	=	30	%	EPA 625.1	-88	-88	12	120	
2020/21-1	Lab	srgt method blank	2/1/2021	Organic	Phenol-d5	n/a	=	2.78	µg/L	EPA 8270C	-88	-88			
2020/21-1	Lab	srgt method blank, rec	2/1/2021	Organic	Phenol-d5	n/a	=	28	%	EPA 8270C	-88	-88	5	46	
2020/21-1	Lab	srgt LCS	2/1/2021	Organic	Phenol-d5	n/a	=	2.99	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	
2020/21-1	Lab	srgt LCS, rec	2/1/2021	Organic	Phenol-d5	n/a	=	30	%	EPA 8270C	-88	-88	5	46	
2020/21-1	Lab	srgt LCS dup	2/1/2021	Organic	Phenol-d5	n/a	=	3.35	µg/L	EPA 8270C	-88	-88			
2020/21-1	Lab	srgt LCS dup, rec	2/1/2021	Organic	Phenol-d5	n/a	=	34	%	EPA 8270C	-88	-88	5	46	
2020/21-1	Lab	srgt LCS	2/2/2021	Organic	Phenol-d5	n/a	=	3.09	µg/L	EPA 625.1	-88	-88			
2020/21-1	Lab	srgt LCS, rec	2/2/2021	Organic	Phenol-d5	n/a	=	31	%	EPA 625.1	-88	-88	12	120	
2020/21-1	Lab	srgt LCS dup	2/2/2021	Organic	Phenol-d5	n/a	=	3.67	µg/L	EPA 625.1	-88	-88			
2020/21-1	Lab	srgt LCS dup, rec	2/2/2021	Organic	Phenol-d5	n/a	=	37	%	EPA 625.1	-88	-88	12	120	
2020/21-1	Lab	srgt method blank	2/2/2021	Organic	Phenol-d5	n/a	=	3.42	µg/L	EPA 625.1	-88	-88			
2020/21-1	Lab	srgt method blank, rec	2/2/2021	Organic	Phenol-d5	n/a	=	34	%	EPA 625.1	-88	-88	12	120	
2020/21-1	ME-CC	srgt environ	2/1/2021	Organic	Phenol-d5	n/a	=	3.25	µg/L	EPA 8270C	-88	-88			
2020/21-1	ME-CC	srgt environ, rec	2/1/2021	Organic	Phenol-d5	n/a	=	32	%	EPA 8270C	-88	-88	5	46	
2020/21-1	ME-CC	srgt environ	2/2/2021	Organic	Phenol-d5	n/a	=	3.34	µg/L	EPA 625.1	-88	-88			
2020/21-1	ME-CC	srgt environ, rec	2/2/2021	Organic	Phenol-d5	n/a	=	33	%	EPA 625.1	-88	-88	12	120	
2020/21-1	ME-SCR	srgt environ	2/2/2021	Organic	Phenol-d5	n/a	=	30.7	µg/L	EPA 8270C	-88	-88			
2020/21-1	ME-SCR	srgt environ, rec	2/2/2021	Organic	Phenol-d5	n/a	=	31	%	EPA 8270C	-88	-88	5	46	
2020/21-1	ME-SCR	srgt environ	2/2/2021	Organic	Phenol-d5	n/a	=	34.6	µg/L	EPA 625.1	-88	-88			
2020/21-1	ME-SCR	srgt environ, rec	2/2/2021	Organic	Phenol-d5	n/a	=	35	%	EPA 625.1	-88	-88	12	120	
2020/21-1	ME-VR2	srgt environ	2/2/2021	Organic	Phenol-d5	n/a	=	3.19	µg/L	EPA 8270C	-88	-88			
2020/21-1	ME-VR2	srgt environ, rec	2/2/2021	Organic	Phenol-d5	n/a	=	32	%	EPA 8270C	-88	-88	5	46	
2020/21-1	ME-VR2	srgt environ	2/2/2021	Organic	Phenol-d5	n/a	=	3.62	µg/L	EPA 625.1	-88	-88			
2020/21-1	ME-VR2	srgt environ, rec	2/2/2021	Organic	Phenol-d5	n/a	=	36	%	EPA 625.1	-88	-88	12	120	
2020/21-1	MO-CAM	srgt environ	2/2/2021	Organic	Phenol-d5	n/a	=	12.2	µg/L	EPA 8270C	-88	-88			
2020/21-1	MO-CAM	srgt environ, rec	2/2/2021	Organic	Phenol-d5	n/a	=	12	%	EPA 8270C	-88	-88	5	46	
2020/21-1	MO-CAM	srgt environ	2/2/2021	Organic	Phenol-d5	n/a	=	13.4	µg/L	EPA 625.1	-88	-88			
2020/21-1	MO-CAM	srgt environ, rec	2/2/2021	Organic	Phenol-d5	n/a	=	13	%	EPA 625.1	-88	-88	12	120	
2020/21-1	MO-FIL	srgt environ	2/2/2021	Organic	Phenol-d5	n/a	=	25.1	µg/L	EPA 8270C	-88	-88			
2020/21-1	MO-FIL	srgt environ, rec	2/2/2021	Organic	Phenol-d5	n/a	=	25	%	EPA 8270C	-88	-88	5	46	
2020/21-1	MO-FIL	srgt environ	2/2/2021	Organic	Phenol-d5	n/a	=	27.3	µg/L	EPA 625.1	-88	-88			
2020/21-1	MO-FIL	srgt environ, rec	2/2/2021	Organic	Phenol-d5	n/a	=	27	%	EPA 625.1	-88	-88	12	120	
2020/21-1	MO-HUE	srgt environ	2/2/2021	Organic	Phenol-d5	n/a	=	30.5	µg/L	EPA 8270C	-88	-88			
2020/21-1	MO-HUE	srgt environ, rec	2/2/2021	Organic	Phenol-d5	n/a	=	30	%	EPA 8270C	-88	-88	5	46	
2020/21-1	MO-HUE	srgt environ	2/3/2021	Organic	Phenol-d5	n/a	=	33.1	µg/L	EPA 625.1	-88	-88			
2020/21-1	MO-HUE	srgt environ, rec	2/3/2021	Organic	Phenol-d5	n/a	=	33	%	EPA 625.1	-88	-88	12	120	
2020/21-1	MO-MEI	srgt environ	2/2/2021	Organic	Phenol-d5	n/a	=	23.8	µg/L	EPA 8270C	-88	-88			
2020/21-1	MO-MEI	srgt environ, rec	2/2/2021	Organic	Phenol-d5	n/a	=	24	%	EPA 8270C	-88	-88	5	46	
2020/21-1	MO-MEI	srgt environ	2/2/2021	Organic	Phenol-d5	n/a	=	26.9	µg/L	EPA 625.1	-88	-88			
2020/21-1	MO-MEI	srgt environ, rec	2/2/2021	Organic	Phenol-d5	n/a	=	27	%	EPA 625.1	-88	-88	12	120	
2020/21-1	MO-MPK	srgt environ	2/2/2021	Organic	Phenol-d5	n/a	=	26.9	µg/L	EPA 8270C	-88	-88			
2020/21-1	MO-MPK	srgt environ, rec	2/2/2021	Organic	Phenol-d5	n/a	=	27	%	EPA 8270C	-88	-88	5	46	
2020/21-1	MO-MPK	srgt environ	2/3/2021	Organic	Phenol-d5	n/a	=	30.1	µg/L	EPA 625.1	-88	-88			
2020/21-1	MO-MPK	srgt environ, rec	2/3/2021	Organic	Phenol-d5	n/a	=	30	%	EPA 625.1	-88	-88	12	120	
2020/21-1	MO-OJA	srgt environ	2/2/2021	Organic	Phenol-d5	n/a	=	29.3	µg/L	EPA 8270C	-88	-88			
2020/21-1	MO-OJA	srgt environ, rec	2/2/2021	Organic	Phenol-d5	n/a	=	29	%	EPA 8270C	-88	-88	5	46	
2020/21-1	MO-OJA	srgt environ	2/2/2021	Organic	Phenol-d5	n/a	=	34.4	µg/L	EPA 625.1	-88	-88			
2020/21-1	MO-OJA	srgt environ, rec	2/2/2021	Organic	Phenol-d5	n/a	=	34	%	EPA 625.1	-88	-88	12	120	
2020/21-1	MO-OXN	srgt environ	2/2/2021	Organic	Phenol-d5	n/a	=	24.2	µg/L	EPA 8270C	-88	-88			
2020/21-1	MO-OXN	srgt environ, rec	2/2/2021	Organic	Phenol-d5	n/a	=	24	%	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	
2020/21-1	MO-OXN	srgt environ	2/3/2021	Organic	Phenol-d5	n/a	=	26.9	µg/L	EPA 625.1	-88	-88			
2020/21-1	MO-OXN	srgt environ, rec	2/3/2021	Organic	Phenol-d5	n/a	=	27	%	EPA 625.1	-88	-88	12	120	
2020/21-1	MO-SIM	srgt environ	2/2/2021	Organic	Phenol-d5	n/a	=	28.5	µg/L	EPA 8270C	-88	-88			
2020/21-1	MO-SIM	srgt environ, rec	2/2/2021	Organic	Phenol-d5	n/a	=	29	%	EPA 8270C	-88	-88	5	46	
2020/21-1	MO-SIM	srgt environ	2/2/2021	Organic	Phenol-d5	n/a	=	33.2	µg/L	EPA 625.1	-88	-88			
2020/21-1	MO-SIM	srgt environ, rec	2/2/2021	Organic	Phenol-d5	n/a	=	33	%	EPA 625.1	-88	-88	12	120	
2020/21-1	MO-SPA	srgt environ	2/2/2021	Organic	Phenol-d5	n/a	=	25.4	µg/L	EPA 8270C	-88	-88			
2020/21-1	MO-SPA	srgt environ, rec	2/2/2021	Organic	Phenol-d5	n/a	=	25	%	EPA 8270C	-88	-88	5	46	
2020/21-1	MO-SPA	srgt environ	2/2/2021	Organic	Phenol-d5	n/a	=	26.8	µg/L	EPA 625.1	-88	-88			
2020/21-1	MO-SPA	srgt environ, rec	2/2/2021	Organic	Phenol-d5	n/a	=	27	%	EPA 625.1	-88	-88	12	120	
2020/21-1	MO-THO	srgt environ	2/2/2021	Organic	Phenol-d5	n/a	=	25.7	µg/L	EPA 8270C	-88	-88			
2020/21-1	MO-THO	srgt environ, rec	2/2/2021	Organic	Phenol-d5	n/a	=	26	%	EPA 8270C	-88	-88	5	46	
2020/21-1	MO-THO	srgt environ	2/3/2021	Organic	Phenol-d5	n/a	=	28.6	µg/L	EPA 625.1	-88	-88			
2020/21-1	MO-THO	srgt environ, rec	2/3/2021	Organic	Phenol-d5	n/a	=	29	%	EPA 625.1	-88	-88	12	120	
2020/21-1	MO-VEN	srgt environ	2/2/2021	Organic	Phenol-d5	n/a	=	27.8	µg/L	EPA 8270C	-88	-88			
2020/21-1	MO-VEN	srgt environ, rec	2/2/2021	Organic	Phenol-d5	n/a	=	28	%	EPA 8270C	-88	-88	5	46	
2020/21-1	MO-VEN	srgt environ	2/2/2021	Organic	Phenol-d5	n/a	=	30.8	µg/L	EPA 625.1	-88	-88			
2020/21-1	MO-VEN	srgt environ, rec	2/2/2021	Organic	Phenol-d5	n/a	=	31	%	EPA 625.1	-88	-88	12	120	
2020/21-1	Lab	srgt LCS	1/7/2021	Organic	p-Terphenyl-d14	n/a	=	5.76	µg/L	EPA 625.1	-88	-88			
2020/21-1	Lab	srgt LCS, rec	1/7/2021	Organic	p-Terphenyl-d14	n/a	=	115	%	EPA 625.1	-88	-88	44	129	
2020/21-1	Lab	srgt LCS dup	1/7/2021	Organic	p-Terphenyl-d14	n/a	=	5.86	µg/L	EPA 625.1	-88	-88			
2020/21-1	Lab	srgt LCS dup, rec	1/7/2021	Organic	p-Terphenyl-d14	n/a	=	117	%	EPA 625.1	-88	-88	44	129	
2020/21-1	Lab	srgt method blank	1/7/2021	Organic	p-Terphenyl-d14	n/a	=	5.94	µg/L	EPA 625.1	-88	-88			
2020/21-1	Lab	srgt method blank, rec	1/7/2021	Organic	p-Terphenyl-d14	n/a	=	119	%	EPA 625.1	-88	-88	44	129	
2020/21-1	Lab	srgt method blank	1/30/2021	Organic	p-Terphenyl-d14	n/a	=	4.38	µg/L	EPA 8270C	-88	-88			
2020/21-1	Lab	srgt method blank, rec	1/30/2021	Organic	p-Terphenyl-d14	n/a	=	88	%	EPA 8270C	-88	-88	19	134	
2020/21-1	Lab	srgt LCS	1/30/2021	Organic	p-Terphenyl-d14	n/a	=	4.67	µg/L	EPA 8270C	-88	-88			
2020/21-1	Lab	srgt LCS, rec	1/30/2021	Organic	p-Terphenyl-d14	n/a	=	93	%	EPA 8270C	-88	-88	19	134	
2020/21-1	Lab	srgt LCS dup	1/30/2021	Organic	p-Terphenyl-d14	n/a	=	4.37	µg/L	EPA 8270C	-88	-88			
2020/21-1	Lab	srgt LCS dup, rec	1/30/2021	Organic	p-Terphenyl-d14	n/a	=	87	%	EPA 8270C	-88	-88	19	134	
2020/21-1	Lab	srgt LCS	2/2/2021	Organic	p-Terphenyl-d14	n/a	=	4.25	µg/L	EPA 625.1	-88	-88			
2020/21-1	Lab	srgt LCS, rec	2/2/2021	Organic	p-Terphenyl-d14	n/a	=	85	%	EPA 625.1	-88	-88	44	129	
2020/21-1	Lab	srgt LCS dup	2/2/2021	Organic	p-Terphenyl-d14	n/a	=	4.43	µg/L	EPA 625.1	-88	-88			
2020/21-1	Lab	srgt LCS dup, rec	2/2/2021	Organic	p-Terphenyl-d14	n/a	=	89	%	EPA 625.1	-88	-88	44	129	
2020/21-1	Lab	srgt method blank	2/2/2021	Organic	p-Terphenyl-d14	n/a	=	4.19	µg/L	EPA 625.1	-88	-88			
2020/21-1	Lab	srgt method blank, rec	2/2/2021	Organic	p-Terphenyl-d14	n/a	=	84	%	EPA 625.1	-88	-88	44	129	
2020/21-1	ME-CC	srgt environ	1/30/2021	Organic	p-Terphenyl-d14	n/a	=	4.39	µg/L	EPA 8270C	-88	-88			
2020/21-1	ME-CC	srgt environ, rec	1/30/2021	Organic	p-Terphenyl-d14	n/a	=	88	%	EPA 8270C	-88	-88	19	134	
2020/21-1	ME-CC	srgt environ	2/2/2021	Organic	p-Terphenyl-d14	n/a	=	3.92	µg/L	EPA 625.1	-88	-88			
2020/21-1	ME-CC	srgt environ, rec	2/2/2021	Organic	p-Terphenyl-d14	n/a	=	78	%	EPA 625.1	-88	-88	44	129	
2020/21-1	ME-SCR	srgt environ	1/30/2021	Organic	p-Terphenyl-d14	n/a	=	47.7	µg/L	EPA 8270C	-88	-88			
2020/21-1	ME-SCR	srgt environ, rec	1/30/2021	Organic	p-Terphenyl-d14	n/a	=	95	%	EPA 8270C	-88	-88	19	134	
2020/21-1	ME-SCR	srgt environ	2/2/2021	Organic	p-Terphenyl-d14	n/a	=	43.8	µg/L	EPA 625.1	-88	-88			
2020/21-1	ME-SCR	srgt environ, rec	2/2/2021	Organic	p-Terphenyl-d14	n/a	=	88	%	EPA 625.1	-88	-88	44	129	
2020/21-1	ME-VR2	srgt environ	1/30/2021	Organic	p-Terphenyl-d14	n/a	=	4.74	µg/L	EPA 8270C	-88	-88			
2020/21-1	ME-VR2	srgt environ, rec	1/30/2021	Organic	p-Terphenyl-d14	n/a	=	95	%	EPA 8270C	-88	-88	19	134	
2020/21-1	ME-VR2	srgt environ	2/2/2021	Organic	p-Terphenyl-d14	n/a	=	4.26	µg/L	EPA 625.1	-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	
2020/21-1	ME-VR2	srgt environ, rec	2/2/2021	Organic	p-Terphenyl-d14	n/a	=	85	%	EPA 625.1	-88	-88	44	129	
2020/21-1	MO-CAM	srgt environ	1/30/2021	Organic	p-Terphenyl-d14	n/a	=	20.6	µg/L	EPA 8270C	-88	-88			
2020/21-1	MO-CAM	srgt environ, rec	1/30/2021	Organic	p-Terphenyl-d14	n/a	=	41	%	EPA 8270C	-88	-88	19	134	
2020/21-1	MO-CAM	srgt environ	2/2/2021	Organic	p-Terphenyl-d14	n/a	=	19.3	µg/L	EPA 625.1	-88	-88			GN
2020/21-1	MO-CAM	srgt environ, rec	2/2/2021	Organic	p-Terphenyl-d14	n/a	=	39	%	EPA 625.1	-88	-88	44	129	GN
2020/21-1	MO-FIL	srgt environ	1/30/2021	Organic	p-Terphenyl-d14	n/a	=	51.5	µg/L	EPA 8270C	-88	-88			
2020/21-1	MO-FIL	srgt environ, rec	1/30/2021	Organic	p-Terphenyl-d14	n/a	=	103	%	EPA 8270C	-88	-88	19	134	
2020/21-1	MO-FIL	srgt environ	2/2/2021	Organic	p-Terphenyl-d14	n/a	=	46	µg/L	EPA 625.1	-88	-88			
2020/21-1	MO-FIL	srgt environ, rec	2/2/2021	Organic	p-Terphenyl-d14	n/a	=	92	%	EPA 625.1	-88	-88	44	129	
2020/21-1	MO-HUE	srgt environ	1/31/2021	Organic	p-Terphenyl-d14	n/a	=	45.3	µg/L	EPA 8270C	-88	-88			
2020/21-1	MO-HUE	srgt environ, rec	1/31/2021	Organic	p-Terphenyl-d14	n/a	=	91	%	EPA 8270C	-88	-88	19	134	
2020/21-1	MO-HUE	srgt environ	2/3/2021	Organic	p-Terphenyl-d14	n/a	=	42	µg/L	EPA 625.1	-88	-88			
2020/21-1	MO-HUE	srgt environ, rec	2/3/2021	Organic	p-Terphenyl-d14	n/a	=	84	%	EPA 625.1	-88	-88	44	129	
2020/21-1	MO-MEI	srgt environ	1/30/2021	Organic	p-Terphenyl-d14	n/a	=	46.6	µg/L	EPA 8270C	-88	-88			
2020/21-1	MO-MEI	srgt environ, rec	1/30/2021	Organic	p-Terphenyl-d14	n/a	=	93	%	EPA 8270C	-88	-88	19	134	
2020/21-1	MO-MEI	srgt environ	2/2/2021	Organic	p-Terphenyl-d14	n/a	=	43.5	µg/L	EPA 625.1	-88	-88			
2020/21-1	MO-MEI	srgt environ, rec	2/2/2021	Organic	p-Terphenyl-d14	n/a	=	87	%	EPA 625.1	-88	-88	44	129	
2020/21-1	MO-MPK	srgt environ	1/30/2021	Organic	p-Terphenyl-d14	n/a	=	35.4	µg/L	EPA 8270C	-88	-88			
2020/21-1	MO-MPK	srgt environ, rec	1/30/2021	Organic	p-Terphenyl-d14	n/a	=	71	%	EPA 8270C	-88	-88	19	134	
2020/21-1	MO-MPK	srgt environ	2/3/2021	Organic	p-Terphenyl-d14	n/a	=	33.8	µg/L	EPA 625.1	-88	-88			
2020/21-1	MO-MPK	srgt environ, rec	2/3/2021	Organic	p-Terphenyl-d14	n/a	=	68	%	EPA 625.1	-88	-88	44	129	
2020/21-1	MO-OJA	srgt environ	1/30/2021	Organic	p-Terphenyl-d14	n/a	=	45.2	µg/L	EPA 8270C	-88	-88			
2020/21-1	MO-OJA	srgt environ, rec	1/30/2021	Organic	p-Terphenyl-d14	n/a	=	90	%	EPA 8270C	-88	-88	19	134	
2020/21-1	MO-OJA	srgt environ	2/2/2021	Organic	p-Terphenyl-d14	n/a	=	45.3	µg/L	EPA 625.1	-88	-88			
2020/21-1	MO-OJA	srgt environ, rec	2/2/2021	Organic	p-Terphenyl-d14	n/a	=	91	%	EPA 625.1	-88	-88	44	129	
2020/21-1	MO-OXN	srgt environ	1/31/2021	Organic	p-Terphenyl-d14	n/a	=	46.4	µg/L	EPA 8270C	-88	-88			
2020/21-1	MO-OXN	srgt environ, rec	1/31/2021	Organic	p-Terphenyl-d14	n/a	=	93	%	EPA 8270C	-88	-88	19	134	
2020/21-1	MO-OXN	srgt environ	2/3/2021	Organic	p-Terphenyl-d14	n/a	=	45.7	µg/L	EPA 625.1	-88	-88			
2020/21-1	MO-OXN	srgt environ, rec	2/3/2021	Organic	p-Terphenyl-d14	n/a	=	91	%	EPA 625.1	-88	-88	44	129	
2020/21-1	MO-SIM	srgt environ	1/30/2021	Organic	p-Terphenyl-d14	n/a	=	48	µg/L	EPA 8270C	-88	-88			
2020/21-1	MO-SIM	srgt environ, rec	1/30/2021	Organic	p-Terphenyl-d14	n/a	=	96	%	EPA 8270C	-88	-88	19	134	
2020/21-1	MO-SIM	srgt environ	2/2/2021	Organic	p-Terphenyl-d14	n/a	=	43.2	µg/L	EPA 625.1	-88	-88			
2020/21-1	MO-SIM	srgt environ, rec	2/2/2021	Organic	p-Terphenyl-d14	n/a	=	86	%	EPA 625.1	-88	-88	44	129	
2020/21-1	MO-SPA	srgt environ	1/30/2021	Organic	p-Terphenyl-d14	n/a	=	39.3	µg/L	EPA 8270C	-88	-88			
2020/21-1	MO-SPA	srgt environ, rec	1/30/2021	Organic	p-Terphenyl-d14	n/a	=	79	%	EPA 8270C	-88	-88	19	134	
2020/21-1	MO-SPA	srgt environ	2/2/2021	Organic	p-Terphenyl-d14	n/a	=	40.8	µg/L	EPA 625.1	-88	-88			
2020/21-1	MO-SPA	srgt environ, rec	2/2/2021	Organic	p-Terphenyl-d14	n/a	=	82	%	EPA 625.1	-88	-88	44	129	
2020/21-1	MO-THO	srgt environ	1/31/2021	Organic	p-Terphenyl-d14	n/a	=	48.6	µg/L	EPA 8270C	-88	-88			
2020/21-1	MO-THO	srgt environ, rec	1/31/2021	Organic	p-Terphenyl-d14	n/a	=	97	%	EPA 8270C	-88	-88	19	134	
2020/21-1	MO-THO	srgt environ	2/3/2021	Organic	p-Terphenyl-d14	n/a	=	50.1	µg/L	EPA 625.1	-88	-88			
2020/21-1	MO-THO	srgt environ, rec	2/3/2021	Organic	p-Terphenyl-d14	n/a	=	100	%	EPA 625.1	-88	-88	44	129	
2020/21-1	MO-VEN	srgt environ	1/30/2021	Organic	p-Terphenyl-d14	n/a	=	47.2	µg/L	EPA 8270C	-88	-88			
2020/21-1	MO-VEN	srgt environ, rec	1/30/2021	Organic	p-Terphenyl-d14	n/a	=	94	%	EPA 8270C	-88	-88	19	134	
2020/21-1	MO-VEN	srgt environ	2/2/2021	Organic	p-Terphenyl-d14	n/a	=	44	µg/L	EPA 625.1	-88	-88			
2020/21-1	MO-VEN	srgt environ, rec	2/2/2021	Organic	p-Terphenyl-d14	n/a	=	88	%	EPA 625.1	-88	-88	44	129	
2020/21-1	Lab	LCS	1/7/2021	Organic	Pyrene	n/a	=	10.3	µg/L	EPA 625.1	0.25	1			
2020/21-1	Lab	LCS, rec	1/7/2021	Organic	Pyrene	n/a	=	103	%	EPA 625.1	-88	-88	70	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	
2020/21-1	Lab	LCS dup	1/7/2021	Organic	Pyrene	n/a	=	10.6	µg/L	EPA 625.1	0.25	1			
2020/21-1	Lab	LCS dup, rec	1/7/2021	Organic	Pyrene	n/a	=	106	%	EPA 625.1	-88	-88	70	120	
2020/21-1	Lab	LCS, RPD	1/7/2021	Organic	Pyrene	n/a	=	3	%	EPA 625.1	-88	-88	0	30	
2020/21-1	Lab	method blank	1/7/2021	Organic	Pyrene	n/a	<	0.25	µg/L	EPA 625.1	0.25	1			
2020/21-1	Lab	method blank	1/30/2021	Organic	Pyrene	n/a	<	0.04	µg/L	EPA 8270C	0.04	0.1			
2020/21-1	Lab	LCS	1/30/2021	Organic	Pyrene	n/a	=	10.5	µg/L	EPA 8270C	0.04	0.1			
2020/21-1	Lab	LCS, rec	1/30/2021	Organic	Pyrene	n/a	=	105	%	EPA 8270C	-88	-88	26	128	
2020/21-1	Lab	LCS dup	1/30/2021	Organic	Pyrene	n/a	=	9.9	µg/L	EPA 8270C	0.04	0.1			
2020/21-1	Lab	LCS dup, rec	1/30/2021	Organic	Pyrene	n/a	=	99	%	EPA 8270C	-88	-88	26	128	
2020/21-1	Lab	LCS, RPD	1/30/2021	Organic	Pyrene	n/a	=	6	%	EPA 8270C	-88	-88	0	30	
2020/21-1	Lab	LCS	2/2/2021	Organic	Pyrene	n/a	=	8.69	µg/L	EPA 625.1	0.25	1			
2020/21-1	Lab	LCS, rec	2/2/2021	Organic	Pyrene	n/a	=	87	%	EPA 625.1	-88	-88	70	120	
2020/21-1	Lab	LCS dup	2/2/2021	Organic	Pyrene	n/a	=	8.84	µg/L	EPA 625.1	0.25	1			
2020/21-1	Lab	LCS dup, rec	2/2/2021	Organic	Pyrene	n/a	=	88	%	EPA 625.1	-88	-88	70	120	
2020/21-1	Lab	LCS, RPD	2/2/2021	Organic	Pyrene	n/a	=	2	%	EPA 625.1	-88	-88	0	30	
2020/21-1	Lab	method blank	2/2/2021	Organic	Pyrene	n/a	<	0.25	µg/L	EPA 625.1	0.25	1			
2020/21-1	Lab	srgt method blank	1/12/2021	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0803	µg/L	EPA 608.3	-88	-88			
2020/21-1	Lab	srgt method blank, rec	1/12/2021	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	80	%	EPA 608.3	-88	-88	32	130	
2020/21-1	Lab	srgt LCS	1/12/2021	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0833	µg/L	EPA 608.3	-88	-88			
2020/21-1	Lab	srgt LCS, rec	1/12/2021	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	83	%	EPA 608.3	-88	-88	32	130	
2020/21-1	Lab	srgt LCS dup	1/12/2021	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0851	µg/L	EPA 608.3	-88	-88			
2020/21-1	Lab	srgt LCS dup, rec	1/12/2021	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	85	%	EPA 608.3	-88	-88	32	130	
2020/21-1	Lab	srgt method blank	1/13/2021	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.098	µg/L	EPA 608.3	-88	-88			
2020/21-1	Lab	srgt method blank, rec	1/13/2021	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	98	%	EPA 608.3	-88	-88	32	130	
2020/21-1	Lab	srgt LCS	1/14/2021	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0869	µg/L	EPA 608.3	-88	-88			
2020/21-1	Lab	srgt LCS, rec	1/14/2021	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	87	%	EPA 608.3	-88	-88	32	130	
2020/21-1	Lab	srgt LCS dup	1/14/2021	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.093	µg/L	EPA 608.3	-88	-88			
2020/21-1	Lab	srgt LCS dup, rec	1/14/2021	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	93	%	EPA 608.3	-88	-88	32	130	
2020/21-1	ME-CC	srgt environ	1/12/2021	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0826	µg/L	EPA 608.3	-88	-88			
2020/21-1	ME-CC	srgt environ, rec	1/12/2021	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	83	%	EPA 608.3	-88	-88	35	111	
2020/21-1	ME-SCR	srgt environ	1/13/2021	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.75	µg/L	EPA 608.3	-88	-88			
2020/21-1	ME-SCR	srgt environ, rec	1/13/2021	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	75	%	EPA 608.3	-88	-88	35	111	
2020/21-1	ME-VR2	srgt environ	1/12/2021	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.082	µg/L	EPA 608.3	-88	-88			
2020/21-1	ME-VR2	srgt environ, rec	1/12/2021	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	82	%	EPA 608.3	-88	-88	35	111	
2020/21-1	MO-CAM	srgt environ	1/14/2021	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.794	µg/L	EPA 608.3	-88	-88			
2020/21-1	MO-CAM	srgt environ, rec	1/14/2021	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	79	%	EPA 608.3	-88	-88	35	111	
2020/21-1	MO-FIL	srgt environ	1/14/2021	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.868	µg/L	EPA 608.3	-88	-88			
2020/21-1	MO-FIL	srgt environ, rec	1/14/2021	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	87	%	EPA 608.3	-88	-88	35	111	
2020/21-1	MO-HUE	srgt environ	1/14/2021	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.868	µg/L	EPA 608.3	-88	-88			
2020/21-1	MO-HUE	srgt environ, rec	1/14/2021	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	87	%	EPA 608.3	-88	-88	35	111	
2020/21-1	MO-MEI	srgt environ	1/14/2021	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.727	µg/L	EPA 608.3	-88	-88			
2020/21-1	MO-MEI	srgt environ, rec	1/14/2021	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	73	%	EPA 608.3	-88	-88	35	111	
2020/21-1	MO-MPK	srgt environ	1/14/2021	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.817	µg/L	EPA 608.3	-88	-88			
2020/21-1	MO-MPK	srgt environ, rec	1/14/2021	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	82	%	EPA 608.3	-88	-88	35	111	
2020/21-1	MO-OJA	srgt environ	1/14/2021	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.765	µg/L	EPA 608.3	-88	-88			
2020/21-1	MO-OJA	srgt environ, rec	1/14/2021	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	76	%	EPA 608.3	-88	-88	35	111	
2020/21-1	MO-OXN	srgt environ	1/14/2021	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.727	µg/L	EPA 608.3	-88	-88			

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2020/21-1	MO-OXN	srgt environ, rec	1/14/2021	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	73	%	EPA 608.3	-88	-88	35	111	
2020/21-1	MO-SIM	srgt environ	1/14/2021	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.845	µg/L	EPA 608.3	-88	-88			
2020/21-1	MO-SIM	srgt environ, rec	1/14/2021	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	85	%	EPA 608.3	-88	-88	35	111	
2020/21-1	MO-SPA	srgt environ	1/14/2021	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.779	µg/L	EPA 608.3	-88	-88			
2020/21-1	MO-SPA	srgt environ, rec	1/14/2021	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	78	%	EPA 608.3	-88	-88	35	111	
2020/21-1	MO-THO	srgt environ	1/14/2021	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.918	µg/L	EPA 608.3	-88	-88			
2020/21-1	MO-THO	srgt environ, rec	1/14/2021	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	92	%	EPA 608.3	-88	-88	35	111	
2020/21-1	MO-VEN	srgt environ	1/14/2021	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.813	µg/L	EPA 608.3	-88	-88			
2020/21-1	MO-VEN	srgt environ, rec	1/14/2021	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	81	%	EPA 608.3	-88	-88	35	111	
2020/21-1	Lab	srgt LCS	12/29/2020	Organic	Toluene-d8	n/a	=	51	µg/L	EPA 624.1	-88	-88			
2020/21-1	Lab	srgt LCS, rec	12/29/2020	Organic	Toluene-d8	n/a	=	102	%	EPA 624.1	-88	-88	92	112	
2020/21-1	Lab	srgt LCS dup	12/29/2020	Organic	Toluene-d8	n/a	=	51.2	µg/L	EPA 624.1	-88	-88			
2020/21-1	Lab	srgt LCS dup, rec	12/29/2020	Organic	Toluene-d8	n/a	=	102	%	EPA 624.1	-88	-88	92	112	
2020/21-1	Lab	srgt method blank	12/29/2020	Organic	Toluene-d8	n/a	=	49.5	µg/L	EPA 624.1	-88	-88			
2020/21-1	Lab	srgt method blank, rec	12/29/2020	Organic	Toluene-d8	n/a	=	99	%	EPA 624.1	-88	-88	92	112	
2020/21-1	Lab	srgt LCS	12/30/2020	Organic	Toluene-d8	n/a	=	51.6	µg/L	EPA 624.1	-88	-88			
2020/21-1	Lab	srgt LCS, rec	12/30/2020	Organic	Toluene-d8	n/a	=	103	%	EPA 624.1	-88	-88	92	112	
2020/21-1	Lab	srgt LCS dup	12/30/2020	Organic	Toluene-d8	n/a	=	51.2	µg/L	EPA 624.1	-88	-88			
2020/21-1	Lab	srgt LCS dup, rec	12/30/2020	Organic	Toluene-d8	n/a	=	102	%	EPA 624.1	-88	-88	92	112	
2020/21-1	Lab	srgt method blank	12/30/2020	Organic	Toluene-d8	n/a	=	50	µg/L	EPA 624.1	-88	-88			
2020/21-1	Lab	srgt method blank, rec	12/30/2020	Organic	Toluene-d8	n/a	=	100	%	EPA 624.1	-88	-88	92	112	
2020/21-1	ME-CC	srgt environ	12/29/2020	Organic	Toluene-d8	n/a	=	49.3	µg/L	EPA 624.1	-88	-88			
2020/21-1	ME-CC	srgt environ, rec	12/29/2020	Organic	Toluene-d8	n/a	=	99	%	EPA 624.1	-88	-88	92	112	
2020/21-1	ME-SCR	srgt environ	12/29/2020	Organic	Toluene-d8	n/a	=	50	µg/L	EPA 624.1	-88	-88			
2020/21-1	ME-SCR	srgt environ, rec	12/29/2020	Organic	Toluene-d8	n/a	=	100	%	EPA 624.1	-88	-88	92	112	
2020/21-1	ME-VR2	srgt environ	12/29/2020	Organic	Toluene-d8	n/a	=	49.7	µg/L	EPA 624.1	-88	-88			
2020/21-1	ME-VR2	srgt environ, rec	12/29/2020	Organic	Toluene-d8	n/a	=	99	%	EPA 624.1	-88	-88	92	112	
2020/21-1	MO-CAM	srgt environ	12/29/2020	Organic	Toluene-d8	n/a	=	49.9	µg/L	EPA 624.1	-88	-88			
2020/21-1	MO-CAM	srgt environ, rec	12/29/2020	Organic	Toluene-d8	n/a	=	100	%	EPA 624.1	-88	-88	92	112	
2020/21-1	MO-FIL	srgt environ	12/30/2020	Organic	Toluene-d8	n/a	=	50.2	µg/L	EPA 624.1	-88	-88			
2020/21-1	MO-FIL	srgt environ, rec	12/30/2020	Organic	Toluene-d8	n/a	=	100	%	EPA 624.1	-88	-88	92	112	
2020/21-1	MO-HUE	srgt field duplicate	12/29/2020	Organic	Toluene-d8	n/a	=	50.2	µg/L	EPA 624.1	-88	-88			
2020/21-1	MO-HUE	srgt field duplicate, rec	12/29/2020	Organic	Toluene-d8	n/a	=	100	%	EPA 624.1	-88	-88	92	112	
2020/21-1	MO-HUE	srgt environ	12/30/2020	Organic	Toluene-d8	n/a	=	49.5	µg/L	EPA 624.1	-88	-88			
2020/21-1	MO-HUE	srgt environ, rec	12/30/2020	Organic	Toluene-d8	n/a	=	99	%	EPA 624.1	-88	-88	92	112	
2020/21-1	MO-HUE	srgt field blank	12/30/2020	Organic	Toluene-d8	n/a	=	49.6	µg/L	EPA 624.1	-88	-88			
2020/21-1	MO-HUE	srgt field blank, rec	12/30/2020	Organic	Toluene-d8	n/a	=	99	%	EPA 624.1	-88	-88	92	112	
2020/21-1	MO-MEI	srgt environ	12/29/2020	Organic	Toluene-d8	n/a	=	49.9	µg/L	EPA 624.1	-88	-88			
2020/21-1	MO-MEI	srgt environ, rec	12/29/2020	Organic	Toluene-d8	n/a	=	100	%	EPA 624.1	-88	-88	92	112	
2020/21-1	MO-MPK	srgt environ	12/30/2020	Organic	Toluene-d8	n/a	=	49.4	µg/L	EPA 624.1	-88	-88			
2020/21-1	MO-MPK	srgt environ, rec	12/30/2020	Organic	Toluene-d8	n/a	=	99	%	EPA 624.1	-88	-88	92	112	
2020/21-1	MO-OJA	srgt environ	12/29/2020	Organic	Toluene-d8	n/a	=	49.4	µg/L	EPA 624.1	-88	-88			
2020/21-1	MO-OJA	srgt environ, rec	12/29/2020	Organic	Toluene-d8	n/a	=	99	%	EPA 624.1	-88	-88	92	112	
2020/21-1	MO-OXN	srgt environ	12/29/2020	Organic	Toluene-d8	n/a	=	50	µg/L	EPA 624.1	-88	-88			
2020/21-1	MO-OXN	srgt environ, rec	12/29/2020	Organic	Toluene-d8	n/a	=	100	%	EPA 624.1	-88	-88	92	112	
2020/21-1	MO-SIM	srgt environ	12/30/2020	Organic	Toluene-d8	n/a	=	50.1	µg/L	EPA 624.1	-88	-88			
2020/21-1	MO-SIM	srgt environ, rec	12/30/2020	Organic	Toluene-d8	n/a	=	100	%	EPA 624.1	-88	-88	92	112	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2020/21-1	MO-SPA	srgt environ	12/29/2020	Organic	Toluene-d8	n/a	=	50	µg/L	EPA 624.1	-88	-88			
2020/21-1	MO-SPA	srgt environ, rec	12/29/2020	Organic	Toluene-d8	n/a	=	100	%	EPA 624.1	-88	-88	92	112	
2020/21-1	MO-THO	srgt environ	12/30/2020	Organic	Toluene-d8	n/a	=	49.1	µg/L	EPA 624.1	-88	-88			
2020/21-1	MO-THO	srgt environ, rec	12/30/2020	Organic	Toluene-d8	n/a	=	98	%	EPA 624.1	-88	-88	92	112	
2020/21-1	MO-VEN	srgt environ	12/29/2020	Organic	Toluene-d8	n/a	=	49.8	µg/L	EPA 624.1	-88	-88			
2020/21-1	MO-VEN	srgt environ, rec	12/29/2020	Organic	Toluene-d8	n/a	=	100	%	EPA 624.1	-88	-88	92	112	
2020/21-1	Lab	srgt LCS	1/15/2021	Organic	Triphenylphosphate	n/a	=	5.88	µg/L	EPA 525.2	-88	-88			
2020/21-1	Lab	srgt LCS, rec	1/15/2021	Organic	Triphenylphosphate	n/a	=	118	%	EPA 525.2	-88	-88	70	130	
2020/21-1	Lab	srgt LCS dup	1/15/2021	Organic	Triphenylphosphate	n/a	=	5.99	µg/L	EPA 525.2	-88	-88			
2020/21-1	Lab	srgt LCS dup, rec	1/15/2021	Organic	Triphenylphosphate	n/a	=	120	%	EPA 525.2	-88	-88	70	130	
2020/21-1	Lab	srgt method blank	1/15/2021	Organic	Triphenylphosphate	n/a	=	5.88	µg/L	EPA 525.2	-88	-88			
2020/21-1	Lab	srgt method blank, rec	1/15/2021	Organic	Triphenylphosphate	n/a	=	118	%	EPA 525.2	-88	-88	70	130	
2020/21-1	Lab	srgt method blank	1/19/2021	Organic	Triphenylphosphate	n/a	=	0.552	µg/L	EPA 625.1m	-88	-88			
2020/21-1	Lab	srgt method blank, rec	1/19/2021	Organic	Triphenylphosphate	n/a	=	110	%	EPA 625.1m	-88	-88	50	150	
2020/21-1	Lab	srgt LCS	1/19/2021	Organic	Triphenylphosphate	n/a	=	0.573	µg/L	EPA 625.1m	-88	-88			
2020/21-1	Lab	srgt LCS, rec	1/19/2021	Organic	Triphenylphosphate	n/a	=	115	%	EPA 625.1m	-88	-88	50	150	
2020/21-1	Lab	srgt LCS dup	1/19/2021	Organic	Triphenylphosphate	n/a	=	0.716	µg/L	EPA 625.1m	-88	-88			
2020/21-1	Lab	srgt LCS dup, rec	1/19/2021	Organic	Triphenylphosphate	n/a	=	143	%	EPA 625.1m	-88	-88	50	150	
2020/21-1	Lab	srgt method blank	1/21/2021	Organic	Triphenylphosphate	n/a	=	6.39	µg/L	EPA 525.2	-88	-88			
2020/21-1	Lab	srgt method blank, rec	1/21/2021	Organic	Triphenylphosphate	n/a	=	128	%	EPA 525.2	-88	-88	70	130	
2020/21-1	Lab	srgt LCS	1/21/2021	Organic	Triphenylphosphate	n/a	=	5.53	µg/L	EPA 525.2	-88	-88			
2020/21-1	Lab	srgt LCS, rec	1/21/2021	Organic	Triphenylphosphate	n/a	=	111	%	EPA 525.2	-88	-88	70	130	
2020/21-1	Lab	srgt LCS dup	1/21/2021	Organic	Triphenylphosphate	n/a	=	5.7	µg/L	EPA 525.2	-88	-88			
2020/21-1	Lab	srgt LCS dup, rec	1/21/2021	Organic	Triphenylphosphate	n/a	=	114	%	EPA 525.2	-88	-88	70	130	
2020/21-1	Lab	srgt method blank	1/30/2021	Organic	Triphenylphosphate	n/a	=	0.496	µg/L	EPA 625.1m	-88	-88			
2020/21-1	Lab	srgt method blank, rec	1/30/2021	Organic	Triphenylphosphate	n/a	=	99	%	EPA 625.1m	-88	-88	50	150	
2020/21-1	Lab	srgt LCS	1/30/2021	Organic	Triphenylphosphate	n/a	=	0.538	µg/L	EPA 625.1m	-88	-88			
2020/21-1	Lab	srgt LCS, rec	1/30/2021	Organic	Triphenylphosphate	n/a	=	108	%	EPA 625.1m	-88	-88	50	150	
2020/21-1	Lab	srgt LCS dup	1/30/2021	Organic	Triphenylphosphate	n/a	=	0.655	µg/L	EPA 625.1m	-88	-88			
2020/21-1	Lab	srgt LCS dup, rec	1/30/2021	Organic	Triphenylphosphate	n/a	=	131	%	EPA 625.1m	-88	-88	50	150	
2020/21-1	ME-CC	srgt environ	1/16/2021	Organic	Triphenylphosphate	n/a	=	6.13	µg/L	EPA 525.2	-88	-88			
2020/21-1	ME-CC	srgt environ, rec	1/16/2021	Organic	Triphenylphosphate	n/a	=	120	%	EPA 525.2	-88	-88	70	130	
2020/21-1	ME-CC	srgt environ	1/20/2021	Organic	Triphenylphosphate	n/a	=	0.608	µg/L	EPA 625.1m	-88	-88			
2020/21-1	ME-CC	srgt environ, rec	1/20/2021	Organic	Triphenylphosphate	n/a	=	122	%	EPA 625.1m	-88	-88	34	164	
2020/21-1	ME-SCR	srgt environ	1/16/2021	Organic	Triphenylphosphate	n/a	=	133	µg/L	EPA 525.2	-88	-88			
2020/21-1	ME-SCR	srgt environ, rec	1/16/2021	Organic	Triphenylphosphate	n/a	=	125	%	EPA 525.2	-88	-88	70	130	
2020/21-1	ME-SCR	srgt environ	1/20/2021	Organic	Triphenylphosphate	n/a	=	35.8	µg/L	EPA 625.1m	-88	-88			
2020/21-1	ME-SCR	srgt environ, rec	1/20/2021	Organic	Triphenylphosphate	n/a	=	143	%	EPA 625.1m	-88	-88	34	164	
2020/21-1	ME-VR2	srgt matrix spike	1/15/2021	Organic	Triphenylphosphate	n/a	=	5.83	µg/L	EPA 525.2	-88	-88			
2020/21-1	ME-VR2	srgt matrix spike, rec	1/15/2021	Organic	Triphenylphosphate	n/a	=	117	%	EPA 525.2	-88	-88	70	130	
2020/21-1	ME-VR2	srgt matrix spike dup	1/15/2021	Organic	Triphenylphosphate	n/a	=	6.19	µg/L	EPA 525.2	-88	-88			
2020/21-1	ME-VR2	srgt matrix spike dup, rec	1/15/2021	Organic	Triphenylphosphate	n/a	=	124	%	EPA 525.2	-88	-88	70	130	
2020/21-1	ME-VR2	srgt environ	1/16/2021	Organic	Triphenylphosphate	n/a	=	6.36	µg/L	EPA 525.2	-88	-88			
2020/21-1	ME-VR2	srgt environ, rec	1/16/2021	Organic	Triphenylphosphate	n/a	=	127	%	EPA 525.2	-88	-88	70	130	
2020/21-1	ME-VR2	srgt environ	1/30/2021	Organic	Triphenylphosphate	n/a	=	0.881	µg/L	EPA 625.1m	-88	-88			
2020/21-1	ME-VR2	srgt environ, rec	1/30/2021	Organic	Triphenylphosphate	n/a	=	70	%	EPA 625.1m	-88	-88	34	164	
2020/21-1	MO-CAM	srgt environ	1/16/2021	Organic	Triphenylphosphate	n/a	=	123	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	
2020/21-1	MO-CAM	srgt environ, rec	1/16/2021	Organic	Triphenylphosphate	n/a	=	123	%	EPA 525.2	-88	-88	70	130	
2020/21-1	MO-CAM	srgt environ	1/20/2021	Organic	Triphenylphosphate	n/a	=	35.3	µg/L	EPA 625.1m	-88	-88			
2020/21-1	MO-CAM	srgt environ, rec	1/20/2021	Organic	Triphenylphosphate	n/a	=	141	%	EPA 625.1m	-88	-88	34	164	
2020/21-1	MO-FIL	srgt environ	1/16/2021	Organic	Triphenylphosphate	n/a	=	294	µg/L	EPA 525.2	-88	-88			
2020/21-1	MO-FIL	srgt environ, rec	1/16/2021	Organic	Triphenylphosphate	n/a	=	118	%	EPA 525.2	-88	-88	70	130	
2020/21-1	MO-FIL	srgt environ	1/20/2021	Organic	Triphenylphosphate	n/a	=	2.9	µg/L	EPA 625.1m	-88	-88			
2020/21-1	MO-FIL	srgt environ, rec	1/20/2021	Organic	Triphenylphosphate	n/a	=	116	%	EPA 625.1m	-88	-88	34	164	
2020/21-1	MO-HUE	srgt environ	1/20/2021	Organic	Triphenylphosphate	n/a	=	3.01	µg/L	EPA 625.1m	-88	-88			
2020/21-1	MO-HUE	srgt environ, rec	1/20/2021	Organic	Triphenylphosphate	n/a	=	120	%	EPA 625.1m	-88	-88	34	164	
2020/21-1	MO-HUE	srgt environ	1/22/2021	Organic	Triphenylphosphate	n/a	=	61.3	µg/L	EPA 525.2	-88	-88			
2020/21-1	MO-HUE	srgt environ, rec	1/22/2021	Organic	Triphenylphosphate	n/a	=	123	%	EPA 525.2	-88	-88	70	130	
2020/21-1	MO-MEI	srgt environ	1/16/2021	Organic	Triphenylphosphate	n/a	=	310	µg/L	EPA 525.2	-88	-88			
2020/21-1	MO-MEI	srgt environ, rec	1/16/2021	Organic	Triphenylphosphate	n/a	=	124	%	EPA 525.2	-88	-88	70	130	
2020/21-1	MO-MEI	srgt environ	1/20/2021	Organic	Triphenylphosphate	n/a	=	31.8	µg/L	EPA 625.1m	-88	-88			
2020/21-1	MO-MEI	srgt environ, rec	1/20/2021	Organic	Triphenylphosphate	n/a	=	127	%	EPA 625.1m	-88	-88	34	164	
2020/21-1	MO-MPK	srgt environ	1/20/2021	Organic	Triphenylphosphate	n/a	=	31.8	µg/L	EPA 625.1m	-88	-88			
2020/21-1	MO-MPK	srgt environ, rec	1/20/2021	Organic	Triphenylphosphate	n/a	=	127	%	EPA 625.1m	-88	-88	34	164	
2020/21-1	MO-MPK	srgt environ	1/22/2021	Organic	Triphenylphosphate	n/a	=	121	µg/L	EPA 525.2	-88	-88			
2020/21-1	MO-MPK	srgt environ, rec	1/22/2021	Organic	Triphenylphosphate	n/a	=	121	%	EPA 525.2	-88	-88	70	130	
2020/21-1	MO-OJA	srgt environ	1/16/2021	Organic	Triphenylphosphate	n/a	=	118	µg/L	EPA 525.2	-88	-88			
2020/21-1	MO-OJA	srgt environ, rec	1/16/2021	Organic	Triphenylphosphate	n/a	=	118	%	EPA 525.2	-88	-88	70	130	
2020/21-1	MO-OJA	srgt environ	1/20/2021	Organic	Triphenylphosphate	n/a	=	32.9	µg/L	EPA 625.1m	-88	-88			
2020/21-1	MO-OJA	srgt environ, rec	1/20/2021	Organic	Triphenylphosphate	n/a	=	132	%	EPA 625.1m	-88	-88	34	164	
2020/21-1	MO-OXN	srgt environ	1/20/2021	Organic	Triphenylphosphate	n/a	=	30.3	µg/L	EPA 625.1m	-88	-88			
2020/21-1	MO-OXN	srgt environ, rec	1/20/2021	Organic	Triphenylphosphate	n/a	=	121	%	EPA 625.1m	-88	-88	34	164	
2020/21-1	MO-OXN	srgt environ	1/22/2021	Organic	Triphenylphosphate	n/a	=	119	µg/L	EPA 525.2	-88	-88			
2020/21-1	MO-OXN	srgt environ, rec	1/22/2021	Organic	Triphenylphosphate	n/a	=	119	%	EPA 525.2	-88	-88	70	130	
2020/21-1	MO-SIM	srgt environ	1/20/2021	Organic	Triphenylphosphate	n/a	=	32.2	µg/L	EPA 625.1m	-88	-88			
2020/21-1	MO-SIM	srgt environ, rec	1/20/2021	Organic	Triphenylphosphate	n/a	=	129	%	EPA 625.1m	-88	-88	34	164	
2020/21-1	MO-SIM	srgt environ	1/22/2021	Organic	Triphenylphosphate	n/a	=	120	µg/L	EPA 525.2	-88	-88			
2020/21-1	MO-SIM	srgt environ, rec	1/22/2021	Organic	Triphenylphosphate	n/a	=	120	%	EPA 525.2	-88	-88	70	130	
2020/21-1	MO-SPA	srgt environ	1/16/2021	Organic	Triphenylphosphate	n/a	=	304	µg/L	EPA 525.2	-88	-88			
2020/21-1	MO-SPA	srgt environ, rec	1/16/2021	Organic	Triphenylphosphate	n/a	=	122	%	EPA 525.2	-88	-88	70	130	
2020/21-1	MO-SPA	srgt environ	1/20/2021	Organic	Triphenylphosphate	n/a	=	36.6	µg/L	EPA 625.1m	-88	-88			
2020/21-1	MO-SPA	srgt environ, rec	1/20/2021	Organic	Triphenylphosphate	n/a	=	146	%	EPA 625.1m	-88	-88	34	164	
2020/21-1	MO-THO	srgt environ	1/20/2021	Organic	Triphenylphosphate	n/a	=	30.7	µg/L	EPA 625.1m	-88	-88			
2020/21-1	MO-THO	srgt environ, rec	1/20/2021	Organic	Triphenylphosphate	n/a	=	123	%	EPA 625.1m	-88	-88	34	164	
2020/21-1	MO-THO	srgt environ	1/22/2021	Organic	Triphenylphosphate	n/a	=	119	µg/L	EPA 525.2	-88	-88			
2020/21-1	MO-THO	srgt environ, rec	1/22/2021	Organic	Triphenylphosphate	n/a	=	119	%	EPA 525.2	-88	-88	70	130	
2020/21-1	MO-VEN	srgt environ	1/16/2021	Organic	Triphenylphosphate	n/a	=	296	µg/L	EPA 525.2	-88	-88			
2020/21-1	MO-VEN	srgt environ, rec	1/16/2021	Organic	Triphenylphosphate	n/a	=	119	%	EPA 525.2	-88	-88	70	130	
2020/21-1	MO-VEN	srgt environ	1/20/2021	Organic	Triphenylphosphate	n/a	=	37.5	µg/L	EPA 625.1m	-88	-88			
2020/21-1	MO-VEN	srgt environ, rec	1/20/2021	Organic	Triphenylphosphate	n/a	=	150	%	EPA 625.1m	-88	-88	34	164	
2020/21-1	Lab	srgt method blank	1/12/2021	PCB	PCB 209	n/a	=	0.0733	µg/L	EPA 608.3	-88	-88			
2020/21-1	Lab	srgt method blank, rec	1/12/2021	PCB	PCB 209	n/a	=	73	%	EPA 608.3	-88	-88	33	133	
2020/21-1	Lab	srgt LCS	1/12/2021	PCB	PCB 209	n/a	=	0.0768	µg/L	EPA 608.3	-88	-88			
2020/21-1	Lab	srgt LCS, rec	1/12/2021	PCB	PCB 209	n/a	=	77	%	EPA 608.3	-88	-88	33	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	
2020/21-1	Lab	srgt LCS dup	1/12/2021	PCB	PCB 209	n/a	=	0.0691	µg/L	EPA 608.3	-88	-88			
2020/21-1	Lab	srgt LCS dup, rec	1/12/2021	PCB	PCB 209	n/a	=	69	%	EPA 608.3	-88	-88	33	133	
2020/21-1	Lab	srgt method blank	1/13/2021	PCB	PCB 209	n/a	=	0.12	µg/L	EPA 608.3	-88	-88			
2020/21-1	Lab	srgt method blank, rec	1/13/2021	PCB	PCB 209	n/a	=	120	%	EPA 608.3	-88	-88	33	133	
2020/21-1	Lab	srgt LCS	1/14/2021	PCB	PCB 209	n/a	=	0.0975	µg/L	EPA 608.3	-88	-88			
2020/21-1	Lab	srgt LCS, rec	1/14/2021	PCB	PCB 209	n/a	=	97	%	EPA 608.3	-88	-88	33	133	
2020/21-1	Lab	srgt LCS dup	1/14/2021	PCB	PCB 209	n/a	=	0.0966	µg/L	EPA 608.3	-88	-88			
2020/21-1	Lab	srgt LCS dup, rec	1/14/2021	PCB	PCB 209	n/a	=	97	%	EPA 608.3	-88	-88	33	133	
2020/21-1	ME-CC	srgt environ	1/12/2021	PCB	PCB 209	n/a	=	0.0778	µg/L	EPA 608.3	-88	-88			
2020/21-1	ME-CC	srgt environ, rec	1/12/2021	PCB	PCB 209	n/a	=	78	%	EPA 608.3	-88	-88	34	125	
2020/21-1	ME-SCR	srgt environ	1/13/2021	PCB	PCB 209	n/a	=	0.644	µg/L	EPA 608.3	-88	-88			
2020/21-1	ME-SCR	srgt environ, rec	1/13/2021	PCB	PCB 209	n/a	=	64	%	EPA 608.3	-88	-88	34	125	
2020/21-1	ME-VR2	srgt environ	1/12/2021	PCB	PCB 209	n/a	=	0.0805	µg/L	EPA 608.3	-88	-88			
2020/21-1	ME-VR2	srgt environ, rec	1/12/2021	PCB	PCB 209	n/a	=	81	%	EPA 608.3	-88	-88	34	125	
2020/21-1	MO-CAM	srgt environ	1/14/2021	PCB	PCB 209	n/a	=	0.671	µg/L	EPA 608.3	-88	-88			
2020/21-1	MO-CAM	srgt environ, rec	1/14/2021	PCB	PCB 209	n/a	=	67	%	EPA 608.3	-88	-88	34	125	
2020/21-1	MO-FIL	srgt environ	1/14/2021	PCB	PCB 209	n/a	=	0.786	µg/L	EPA 608.3	-88	-88			
2020/21-1	MO-FIL	srgt environ, rec	1/14/2021	PCB	PCB 209	n/a	=	79	%	EPA 608.3	-88	-88	34	125	
2020/21-1	MO-HUE	srgt environ	1/14/2021	PCB	PCB 209	n/a	=	0.851	µg/L	EPA 608.3	-88	-88			
2020/21-1	MO-HUE	srgt environ, rec	1/14/2021	PCB	PCB 209	n/a	=	85	%	EPA 608.3	-88	-88	34	125	
2020/21-1	MO-MEI	srgt environ	1/14/2021	PCB	PCB 209	n/a	=	0.479	µg/L	EPA 608.3	-88	-88			
2020/21-1	MO-MEI	srgt environ, rec	1/14/2021	PCB	PCB 209	n/a	=	48	%	EPA 608.3	-88	-88	34	125	
2020/21-1	MO-MPK	srgt environ	1/14/2021	PCB	PCB 209	n/a	=	0.849	µg/L	EPA 608.3	-88	-88			
2020/21-1	MO-MPK	srgt environ, rec	1/14/2021	PCB	PCB 209	n/a	=	85	%	EPA 608.3	-88	-88	34	125	
2020/21-1	MO-OJA	srgt environ	1/14/2021	PCB	PCB 209	n/a	=	0.677	µg/L	EPA 608.3	-88	-88			
2020/21-1	MO-OJA	srgt environ, rec	1/14/2021	PCB	PCB 209	n/a	=	68	%	EPA 608.3	-88	-88	34	125	
2020/21-1	MO-OXN	srgt environ	1/14/2021	PCB	PCB 209	n/a	=	0.339	µg/L	EPA 608.3	-88	-88			
2020/21-1	MO-OXN	srgt environ, rec	1/14/2021	PCB	PCB 209	n/a	=	34	%	EPA 608.3	-88	-88	34	125	
2020/21-1	MO-SIM	srgt environ	1/14/2021	PCB	PCB 209	n/a	=	0.789	µg/L	EPA 608.3	-88	-88			
2020/21-1	MO-SIM	srgt environ, rec	1/14/2021	PCB	PCB 209	n/a	=	79	%	EPA 608.3	-88	-88	34	125	
2020/21-1	MO-SPA	srgt environ	1/14/2021	PCB	PCB 209	n/a	=	0.418	µg/L	EPA 608.3	-88	-88			
2020/21-1	MO-SPA	srgt environ, rec	1/14/2021	PCB	PCB 209	n/a	=	42	%	EPA 608.3	-88	-88	34	125	
2020/21-1	MO-THO	srgt environ	1/14/2021	PCB	PCB 209	n/a	=	0.906	µg/L	EPA 608.3	-88	-88			
2020/21-1	MO-THO	srgt environ, rec	1/14/2021	PCB	PCB 209	n/a	=	91	%	EPA 608.3	-88	-88	34	125	
2020/21-1	MO-VEN	srgt environ	1/14/2021	PCB	PCB 209	n/a	=	0.525	µg/L	EPA 608.3	-88	-88			
2020/21-1	MO-VEN	srgt environ, rec	1/14/2021	PCB	PCB 209	n/a	=	53	%	EPA 608.3	-88	-88	34	125	
2020/21-1	Lab	method blank	1/12/2021	PCB	PCB Aroclor 1016	n/a	<	0.029	µg/L	EPA 608.3	0.029	0.5			
2020/21-1	Lab	method blank	1/13/2021	PCB	PCB Aroclor 1016	n/a	<	0.029	µg/L	EPA 608.3	0.029	0.5			
2020/21-1	Lab	method blank	1/12/2021	PCB	PCB Aroclor 1221	n/a	<	0.06	µg/L	EPA 608.3	0.06	0.5			
2020/21-1	Lab	method blank	1/13/2021	PCB	PCB Aroclor 1221	n/a	<	0.06	µg/L	EPA 608.3	0.06	0.5			
2020/21-1	Lab	method blank	1/12/2021	PCB	PCB Aroclor 1232	n/a	<	0.1	µg/L	EPA 608.3	0.1	0.5			
2020/21-1	Lab	method blank	1/13/2021	PCB	PCB Aroclor 1232	n/a	<	0.1	µg/L	EPA 608.3	0.1	0.5			
2020/21-1	Lab	method blank	1/12/2021	PCB	PCB Aroclor 1242	n/a	<	0.07	µg/L	EPA 608.3	0.07	0.5			
2020/21-1	Lab	method blank	1/13/2021	PCB	PCB Aroclor 1242	n/a	<	0.07	µg/L	EPA 608.3	0.07	0.5			
2020/21-1	Lab	method blank	1/12/2021	PCB	PCB Aroclor 1248	n/a	<	0.06	µg/L	EPA 608.3	0.06	0.5			
2020/21-1	Lab	method blank	1/13/2021	PCB	PCB Aroclor 1248	n/a	<	0.06	µg/L	EPA 608.3	0.06	0.5			
2020/21-1	Lab	method blank	1/12/2021	PCB	PCB Aroclor 1254	n/a	<	0.04	µg/L	EPA 608.3	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	
2020/21-1	Lab	method blank	1/13/2021	PCB	PCB Aroclor 1254	n/a	<	0.04	µg/L	EPA 608.3	0.04	0.5			
2020/21-1	Lab	method blank	1/12/2021	PCB	PCB Aroclor 1260	n/a	<	0.055	µg/L	EPA 608.3	0.055	0.5			
2020/21-1	Lab	method blank	1/13/2021	PCB	PCB Aroclor 1260	n/a	<	0.055	µg/L	EPA 608.3	0.055	0.5			
2020/21-1	000NONPJ	matrix spike	1/8/2021	Pesticide	2,4,5-T	n/a	=	3.88	µg/L	EPA 515.4	0.055	0.2			
2020/21-1	000NONPJ	matrix spike, rec	1/8/2021	Pesticide	2,4,5-T	n/a	=	97	%	EPA 515.4	-88	-88	70	130	
2020/21-1	000NONPJ	matrix spike dup	1/8/2021	Pesticide	2,4,5-T	n/a	=	3.89	µg/L	EPA 515.4	0.055	0.2			
2020/21-1	000NONPJ	matrix spike dup, rec	1/8/2021	Pesticide	2,4,5-T	n/a	=	97	%	EPA 515.4	-88	-88	70	130	
2020/21-1	000NONPJ	matrix spike, RPD	1/8/2021	Pesticide	2,4,5-T	n/a	=	0.3	%	EPA 515.4	-88	-88	0	30	
2020/21-1	Lab	method blank	1/7/2021	Pesticide	2,4,5-T	n/a	<	0.055	µg/L	EPA 515.4	0.055	0.2			
2020/21-1	Lab	LCS	1/8/2021	Pesticide	2,4,5-T	n/a	=	3.83	µg/L	EPA 515.4	0.055	0.2			
2020/21-1	Lab	LCS, rec	1/8/2021	Pesticide	2,4,5-T	n/a	=	96	%	EPA 515.4	-88	-88	70	130	
2020/21-1	Lab	method blank	1/10/2021	Pesticide	2,4,5-T	n/a	<	0.055	µg/L	EPA 515.4	0.055	0.2			
2020/21-1	Lab	LCS	1/10/2021	Pesticide	2,4,5-T	n/a	=	3.72	µg/L	EPA 515.4	0.055	0.2			
2020/21-1	Lab	LCS, rec	1/10/2021	Pesticide	2,4,5-T	n/a	=	93	%	EPA 515.4	-88	-88	70	130	
2020/21-1	000NONPJ	matrix spike	1/8/2021	Pesticide	2,4,5-TP	n/a	=	3.91	µg/L	EPA 515.4	0.046	0.2			
2020/21-1	000NONPJ	matrix spike, rec	1/8/2021	Pesticide	2,4,5-TP	n/a	=	98	%	EPA 515.4	-88	-88	70	130	
2020/21-1	000NONPJ	matrix spike dup	1/8/2021	Pesticide	2,4,5-TP	n/a	=	3.92	µg/L	EPA 515.4	0.046	0.2			
2020/21-1	000NONPJ	matrix spike dup, rec	1/8/2021	Pesticide	2,4,5-TP	n/a	=	98	%	EPA 515.4	-88	-88	70	130	
2020/21-1	000NONPJ	matrix spike, RPD	1/8/2021	Pesticide	2,4,5-TP	n/a	=	0.5	%	EPA 515.4	-88	-88	0	30	
2020/21-1	Lab	method blank	1/7/2021	Pesticide	2,4,5-TP	n/a	<	0.046	µg/L	EPA 515.4	0.046	0.2			
2020/21-1	Lab	LCS	1/8/2021	Pesticide	2,4,5-TP	n/a	=	3.94	µg/L	EPA 515.4	0.046	0.2			
2020/21-1	Lab	LCS, rec	1/8/2021	Pesticide	2,4,5-TP	n/a	=	98	%	EPA 515.4	-88	-88	70	130	
2020/21-1	Lab	method blank	1/10/2021	Pesticide	2,4,5-TP	n/a	<	0.046	µg/L	EPA 515.4	0.046	0.2			
2020/21-1	Lab	LCS	1/10/2021	Pesticide	2,4,5-TP	n/a	=	3.86	µg/L	EPA 515.4	0.046	0.2			
2020/21-1	Lab	LCS, rec	1/10/2021	Pesticide	2,4,5-TP	n/a	=	97	%	EPA 515.4	-88	-88	70	130	
2020/21-1	000NONPJ	matrix spike	1/8/2021	Pesticide	2,4-D	n/a	=	8.09	µg/L	EPA 515.4	0.14	0.4			
2020/21-1	000NONPJ	matrix spike, rec	1/8/2021	Pesticide	2,4-D	n/a	=	101	%	EPA 515.4	-88	-88	70	130	
2020/21-1	000NONPJ	matrix spike dup	1/8/2021	Pesticide	2,4-D	n/a	=	8.04	µg/L	EPA 515.4	0.14	0.4			
2020/21-1	000NONPJ	matrix spike dup, rec	1/8/2021	Pesticide	2,4-D	n/a	=	101	%	EPA 515.4	-88	-88	70	130	
2020/21-1	000NONPJ	matrix spike, RPD	1/8/2021	Pesticide	2,4-D	n/a	=	0.6	%	EPA 515.4	-88	-88	0	30	
2020/21-1	Lab	method blank	1/7/2021	Pesticide	2,4-D	n/a	<	0.14	µg/L	EPA 515.4	0.14	0.4			
2020/21-1	Lab	LCS	1/8/2021	Pesticide	2,4-D	n/a	=	8.26	µg/L	EPA 515.4	0.14	0.4			
2020/21-1	Lab	LCS, rec	1/8/2021	Pesticide	2,4-D	n/a	=	103	%	EPA 515.4	-88	-88	70	130	
2020/21-1	Lab	method blank	1/10/2021	Pesticide	2,4-D	n/a	<	0.14	µg/L	EPA 515.4	0.14	0.4			
2020/21-1	Lab	LCS	1/10/2021	Pesticide	2,4-D	n/a	=	7.93	µg/L	EPA 515.4	0.14	0.4			
2020/21-1	Lab	LCS, rec	1/10/2021	Pesticide	2,4-D	n/a	=	99	%	EPA 515.4	-88	-88	70	130	
2020/21-1	000NONPJ	matrix spike	1/8/2021	Pesticide	2,4-DB	n/a	=	13.1	µg/L	EPA 515.4	0.19	2			
2020/21-1	000NONPJ	matrix spike, rec	1/8/2021	Pesticide	2,4-DB	n/a	=	82	%	EPA 515.4	-88	-88	70	130	
2020/21-1	000NONPJ	matrix spike dup	1/8/2021	Pesticide	2,4-DB	n/a	=	13.4	µg/L	EPA 515.4	0.19	2			
2020/21-1	000NONPJ	matrix spike dup, rec	1/8/2021	Pesticide	2,4-DB	n/a	=	84	%	EPA 515.4	-88	-88	70	130	
2020/21-1	000NONPJ	matrix spike, RPD	1/8/2021	Pesticide	2,4-DB	n/a	=	3	%	EPA 515.4	-88	-88	0	30	
2020/21-1	Lab	method blank	1/7/2021	Pesticide	2,4-DB	n/a	<	0.19	µg/L	EPA 515.4	0.19	2			
2020/21-1	Lab	LCS	1/8/2021	Pesticide	2,4-DB	n/a	=	15.4	µg/L	EPA 515.4	0.19	2			
2020/21-1	Lab	LCS, rec	1/8/2021	Pesticide	2,4-DB	n/a	=	96	%	EPA 515.4	-88	-88	70	130	
2020/21-1	Lab	method blank	1/10/2021	Pesticide	2,4-DB	n/a	<	0.19	µg/L	EPA 515.4	0.19	2			
2020/21-1	Lab	LCS	1/10/2021	Pesticide	2,4-DB	n/a	=	14.8	µg/L	EPA 515.4	0.19	2			
2020/21-1	Lab	LCS, rec	1/10/2021	Pesticide	2,4-DB	n/a	=	92	%	EPA 515.4	-88	-88	70	130	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2020/21-1	000NONPJ	matrix spike	1/8/2021	Pesticide	3,5-Dichlorobenzoic acid	n/a	=	8.31	µg/L	EPA 515.4	0.12	1			
2020/21-1	000NONPJ	matrix spike, rec	1/8/2021	Pesticide	3,5-Dichlorobenzoic acid	n/a	=	104	%	EPA 515.4	-88	-88	70	130	
2020/21-1	000NONPJ	matrix spike dup	1/8/2021	Pesticide	3,5-Dichlorobenzoic acid	n/a	=	8.1	µg/L	EPA 515.4	0.12	1			
2020/21-1	000NONPJ	matrix spike dup, rec	1/8/2021	Pesticide	3,5-Dichlorobenzoic acid	n/a	=	101	%	EPA 515.4	-88	-88	70	130	
2020/21-1	000NONPJ	matrix spike, RPD	1/8/2021	Pesticide	3,5-Dichlorobenzoic acid	n/a	=	3	%	EPA 515.4	-88	-88	0	30	
2020/21-1	Lab	method blank	1/7/2021	Pesticide	3,5-Dichlorobenzoic acid	n/a	<	0.12	µg/L	EPA 515.4	0.12	1			
2020/21-1	Lab	LCS	1/8/2021	Pesticide	3,5-Dichlorobenzoic acid	n/a	=	8.71	µg/L	EPA 515.4	0.12	1			
2020/21-1	Lab	LCS, rec	1/8/2021	Pesticide	3,5-Dichlorobenzoic acid	n/a	=	109	%	EPA 515.4	-88	-88	70	130	
2020/21-1	Lab	method blank	1/10/2021	Pesticide	3,5-Dichlorobenzoic acid	n/a	<	0.12	µg/L	EPA 515.4	0.12	1			
2020/21-1	Lab	LCS	1/10/2021	Pesticide	3,5-Dichlorobenzoic acid	n/a	=	8.37	µg/L	EPA 515.4	0.12	1			
2020/21-1	Lab	LCS, rec	1/10/2021	Pesticide	3,5-Dichlorobenzoic acid	n/a	=	105	%	EPA 515.4	-88	-88	70	130	
2020/21-1	Lab	method blank	1/12/2021	Pesticide	4,4'-DDD	n/a	<	0.0007	µg/L	EPA 608.3	0.0007	0.05			
2020/21-1	Lab	LCS	1/12/2021	Pesticide	4,4'-DDD	n/a	=	0.0895	µg/L	EPA 608.3	0.0007	0.05			
2020/21-1	Lab	LCS, rec	1/12/2021	Pesticide	4,4'-DDD	n/a	=	89	%	EPA 608.3	-88	-88	48	130	
2020/21-1	Lab	LCS dup	1/12/2021	Pesticide	4,4'-DDD	n/a	=	0.0846	µg/L	EPA 608.3	0.0007	0.05			
2020/21-1	Lab	LCS dup, rec	1/12/2021	Pesticide	4,4'-DDD	n/a	=	85	%	EPA 608.3	-88	-88	48	130	
2020/21-1	Lab	LCS, RPD	1/12/2021	Pesticide	4,4'-DDD	n/a	=	6	%	EPA 608.3	-88	-88	0	30	
2020/21-1	Lab	method blank	1/13/2021	Pesticide	4,4'-DDD	n/a	<	0.0007	µg/L	EPA 608.3	0.0007	0.05			
2020/21-1	Lab	LCS	1/14/2021	Pesticide	4,4'-DDD	n/a	=	0.11	µg/L	EPA 608.3	0.0007	0.05			
2020/21-1	Lab	LCS, rec	1/14/2021	Pesticide	4,4'-DDD	n/a	=	110	%	EPA 608.3	-88	-88	48	130	
2020/21-1	Lab	LCS dup	1/14/2021	Pesticide	4,4'-DDD	n/a	=	0.113	µg/L	EPA 608.3	0.0007	0.05			
2020/21-1	Lab	LCS dup, rec	1/14/2021	Pesticide	4,4'-DDD	n/a	=	113	%	EPA 608.3	-88	-88	48	130	
2020/21-1	Lab	LCS, RPD	1/14/2021	Pesticide	4,4'-DDD	n/a	=	2	%	EPA 608.3	-88	-88	0	30	
2020/21-1	Lab	method blank	1/12/2021	Pesticide	4,4'-DDE	n/a	<	0.0007	µg/L	EPA 608.3	0.0007	0.05			
2020/21-1	Lab	LCS	1/12/2021	Pesticide	4,4'-DDE	n/a	=	0.0981	µg/L	EPA 608.3	0.0007	0.05			
2020/21-1	Lab	LCS, rec	1/12/2021	Pesticide	4,4'-DDE	n/a	=	98	%	EPA 608.3	-88	-88	54	130	
2020/21-1	Lab	LCS dup	1/12/2021	Pesticide	4,4'-DDE	n/a	=	0.0929	µg/L	EPA 608.3	0.0007	0.05			
2020/21-1	Lab	LCS dup, rec	1/12/2021	Pesticide	4,4'-DDE	n/a	=	93	%	EPA 608.3	-88	-88	54	130	
2020/21-1	Lab	LCS, RPD	1/12/2021	Pesticide	4,4'-DDE	n/a	=	5	%	EPA 608.3	-88	-88	0	30	
2020/21-1	Lab	method blank	1/13/2021	Pesticide	4,4'-DDE	n/a	<	0.0007	µg/L	EPA 608.3	0.0007	0.05			
2020/21-1	Lab	LCS	1/14/2021	Pesticide	4,4'-DDE	n/a	=	0.11	µg/L	EPA 608.3	0.0007	0.05			
2020/21-1	Lab	LCS, rec	1/14/2021	Pesticide	4,4'-DDE	n/a	=	110	%	EPA 608.3	-88	-88	54	130	
2020/21-1	Lab	LCS dup	1/14/2021	Pesticide	4,4'-DDE	n/a	=	0.111	µg/L	EPA 608.3	0.0007	0.05			
2020/21-1	Lab	LCS dup, rec	1/14/2021	Pesticide	4,4'-DDE	n/a	=	111	%	EPA 608.3	-88	-88	54	130	
2020/21-1	Lab	LCS, RPD	1/14/2021	Pesticide	4,4'-DDE	n/a	=	0.5	%	EPA 608.3	-88	-88	0	30	
2020/21-1	Lab	method blank	1/12/2021	Pesticide	4,4'-DDT	n/a	<	0.0011	µg/L	EPA 608.3	0.0011	0.01			
2020/21-1	Lab	LCS	1/12/2021	Pesticide	4,4'-DDT	n/a	=	0.111	µg/L	EPA 608.3	0.0011	0.01			
2020/21-1	Lab	LCS, rec	1/12/2021	Pesticide	4,4'-DDT	n/a	=	111	%	EPA 608.3	-88	-88	46	137	
2020/21-1	Lab	LCS dup	1/12/2021	Pesticide	4,4'-DDT	n/a	=	0.112	µg/L	EPA 608.3	0.0011	0.01			
2020/21-1	Lab	LCS dup, rec	1/12/2021	Pesticide	4,4'-DDT	n/a	=	112	%	EPA 608.3	-88	-88	46	137	
2020/21-1	Lab	LCS, RPD	1/12/2021	Pesticide	4,4'-DDT	n/a	=	0.9	%	EPA 608.3	-88	-88	0	30	
2020/21-1	Lab	method blank	1/13/2021	Pesticide	4,4'-DDT	n/a	<	0.0011	µg/L	EPA 608.3	0.0011	0.01			
2020/21-1	Lab	LCS	1/14/2021	Pesticide	4,4'-DDT	n/a	=	0.133	µg/L	EPA 608.3	0.0011	0.01			
2020/21-1	Lab	LCS, rec	1/14/2021	Pesticide	4,4'-DDT	n/a	=	133	%	EPA 608.3	-88	-88	46	137	
2020/21-1	Lab	LCS dup	1/14/2021	Pesticide	4,4'-DDT	n/a	=	0.131	µg/L	EPA 608.3	0.0011	0.01			
2020/21-1	Lab	LCS dup, rec	1/14/2021	Pesticide	4,4'-DDT	n/a	=	131	%	EPA 608.3	-88	-88	46	137	
2020/21-1	Lab	LCS, RPD	1/14/2021	Pesticide	4,4'-DDT	n/a	=	2	%	EPA 608.3	-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	
2020/21-1	000NONPJ	matrix spike	1/8/2021	Pesticide	Acifluorfen	n/a	=	3.83	µg/L	EPA 515.4	0.072	0.4			
2020/21-1	000NONPJ	matrix spike, rec	1/8/2021	Pesticide	Acifluorfen	n/a	=	96	%	EPA 515.4	-88	-88	70	130	
2020/21-1	000NONPJ	matrix spike dup	1/8/2021	Pesticide	Acifluorfen	n/a	=	3.73	µg/L	EPA 515.4	0.072	0.4			
2020/21-1	000NONPJ	matrix spike dup, rec	1/8/2021	Pesticide	Acifluorfen	n/a	=	93	%	EPA 515.4	-88	-88	70	130	
2020/21-1	000NONPJ	matrix spike, RPD	1/8/2021	Pesticide	Acifluorfen	n/a	=	3	%	EPA 515.4	-88	-88	0	30	
2020/21-1	Lab	method blank	1/7/2021	Pesticide	Acifluorfen	n/a	<	0.072	µg/L	EPA 515.4	0.072	0.4			
2020/21-1	Lab	LCS	1/8/2021	Pesticide	Acifluorfen	n/a	=	3.54	µg/L	EPA 515.4	0.072	0.4			
2020/21-1	Lab	LCS, rec	1/8/2021	Pesticide	Acifluorfen	n/a	=	89	%	EPA 515.4	-88	-88	70	130	
2020/21-1	Lab	method blank	1/10/2021	Pesticide	Acifluorfen	n/a	<	0.072	µg/L	EPA 515.4	0.072	0.4			
2020/21-1	Lab	LCS	1/10/2021	Pesticide	Acifluorfen	n/a	=	3.22	µg/L	EPA 515.4	0.072	0.4			
2020/21-1	Lab	LCS, rec	1/10/2021	Pesticide	Acifluorfen	n/a	=	81	%	EPA 515.4	-88	-88	70	130	
2020/21-1	Lab	LCS	1/15/2021	Pesticide	Alachlor	n/a	=	6.25	µg/L	EPA 525.2	0.03	0.1			
2020/21-1	Lab	LCS, rec	1/15/2021	Pesticide	Alachlor	n/a	=	125	%	EPA 525.2	-88	-88	70	130	
2020/21-1	Lab	LCS dup	1/15/2021	Pesticide	Alachlor	n/a	=	6.44	µg/L	EPA 525.2	0.03	0.1			
2020/21-1	Lab	LCS dup, rec	1/15/2021	Pesticide	Alachlor	n/a	=	129	%	EPA 525.2	-88	-88	70	130	
2020/21-1	Lab	LCS, RPD	1/15/2021	Pesticide	Alachlor	n/a	=	3	%	EPA 525.2	-88	-88	0	30	
2020/21-1	Lab	method blank	1/15/2021	Pesticide	Alachlor	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1			
2020/21-1	Lab	method blank	1/21/2021	Pesticide	Alachlor	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1			
2020/21-1	Lab	LCS	1/21/2021	Pesticide	Alachlor	n/a	=	5.56	µg/L	EPA 525.2	0.03	0.1			
2020/21-1	Lab	LCS, rec	1/21/2021	Pesticide	Alachlor	n/a	=	111	%	EPA 525.2	-88	-88	70	130	
2020/21-1	Lab	LCS dup	1/21/2021	Pesticide	Alachlor	n/a	=	5.91	µg/L	EPA 525.2	0.03	0.1			
2020/21-1	Lab	LCS dup, rec	1/21/2021	Pesticide	Alachlor	n/a	=	118	%	EPA 525.2	-88	-88	70	130	
2020/21-1	Lab	LCS, RPD	1/21/2021	Pesticide	Alachlor	n/a	=	6	%	EPA 525.2	-88	-88	0	30	
2020/21-1	ME-VR2	matrix spike	1/15/2021	Pesticide	Alachlor	n/a	=	6.59	µg/L	EPA 525.2	0.03	0.1			GB
2020/21-1	ME-VR2	matrix spike, rec	1/15/2021	Pesticide	Alachlor	n/a	=	132	%	EPA 525.2	-88	-88	70	130	GB
2020/21-1	ME-VR2	matrix spike dup	1/15/2021	Pesticide	Alachlor	n/a	=	6.64	µg/L	EPA 525.2	0.03	0.1			GB
2020/21-1	ME-VR2	matrix spike dup, rec	1/15/2021	Pesticide	Alachlor	n/a	=	133	%	EPA 525.2	-88	-88	70	130	GB
2020/21-1	ME-VR2	matrix spike, RPD	1/15/2021	Pesticide	Alachlor	n/a	=	0.7	%	EPA 525.2	-88	-88	0	30	GB
2020/21-1	Lab	method blank	1/12/2021	Pesticide	Aldrin	n/a	<	0.001	µg/L	EPA 608.3	0.001	0.005			
2020/21-1	Lab	LCS	1/12/2021	Pesticide	Aldrin	n/a	=	0.0998	µg/L	EPA 608.3	0.001	0.005			
2020/21-1	Lab	LCS, rec	1/12/2021	Pesticide	Aldrin	n/a	=	100	%	EPA 608.3	-88	-88	54	130	
2020/21-1	Lab	LCS dup	1/12/2021	Pesticide	Aldrin	n/a	=	0.1	µg/L	EPA 608.3	0.001	0.005			
2020/21-1	Lab	LCS dup, rec	1/12/2021	Pesticide	Aldrin	n/a	=	100	%	EPA 608.3	-88	-88	54	130	
2020/21-1	Lab	LCS, RPD	1/12/2021	Pesticide	Aldrin	n/a	=	0.6	%	EPA 608.3	-88	-88	0	30	
2020/21-1	Lab	method blank	1/13/2021	Pesticide	Aldrin	n/a	<	0.001	µg/L	EPA 608.3	0.001	0.005			
2020/21-1	Lab	LCS	1/14/2021	Pesticide	Aldrin	n/a	=	0.101	µg/L	EPA 608.3	0.001	0.005			
2020/21-1	Lab	LCS, rec	1/14/2021	Pesticide	Aldrin	n/a	=	101	%	EPA 608.3	-88	-88	54	130	
2020/21-1	Lab	LCS dup	1/14/2021	Pesticide	Aldrin	n/a	=	0.105	µg/L	EPA 608.3	0.001	0.005			
2020/21-1	Lab	LCS dup, rec	1/14/2021	Pesticide	Aldrin	n/a	=	105	%	EPA 608.3	-88	-88	54	130	
2020/21-1	Lab	LCS, RPD	1/14/2021	Pesticide	Aldrin	n/a	=	4	%	EPA 608.3	-88	-88	0	30	
2020/21-1	Lab	method blank	1/12/2021	Pesticide	alpha-BHC	n/a	<	0.0011	µg/L	EPA 608.3	0.0011	0.01			
2020/21-1	Lab	LCS	1/12/2021	Pesticide	alpha-BHC	n/a	=	0.109	µg/L	EPA 608.3	0.0011	0.01			
2020/21-1	Lab	LCS, rec	1/12/2021	Pesticide	alpha-BHC	n/a	=	109	%	EPA 608.3	-88	-88	49	130	
2020/21-1	Lab	LCS dup	1/12/2021	Pesticide	alpha-BHC	n/a	=	0.109	µg/L	EPA 608.3	0.0011	0.01			
2020/21-1	Lab	LCS dup, rec	1/12/2021	Pesticide	alpha-BHC	n/a	=	109	%	EPA 608.3	-88	-88	49	130	
2020/21-1	Lab	LCS, RPD	1/12/2021	Pesticide	alpha-BHC	n/a	=	0.5	%	EPA 608.3	-88	-88	0	30	
2020/21-1	Lab	method blank	1/13/2021	Pesticide	alpha-BHC	n/a	<	0.0011	µg/L	EPA 608.3	0.0011	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	
2020/21-1	Lab	LCS	1/14/2021	Pesticide	alpha-BHC	n/a	=	0.111	µg/L	EPA 608.3	0.0011	0.01			
2020/21-1	Lab	LCS, rec	1/14/2021	Pesticide	alpha-BHC	n/a	=	111	%	EPA 608.3	-88	-88	49	130	
2020/21-1	Lab	LCS dup	1/14/2021	Pesticide	alpha-BHC	n/a	=	0.113	µg/L	EPA 608.3	0.0011	0.01			
2020/21-1	Lab	LCS dup, rec	1/14/2021	Pesticide	alpha-BHC	n/a	=	113	%	EPA 608.3	-88	-88	49	130	
2020/21-1	Lab	LCS, RPD	1/14/2021	Pesticide	alpha-BHC	n/a	=	2	%	EPA 608.3	-88	-88	0	30	
2020/21-1	Lab	method blank	1/12/2021	Pesticide	alpha-Chlordane	n/a	<	0.0029	µg/L	EPA 608.3	0.0029	0.01			
2020/21-1	Lab	method blank	1/13/2021	Pesticide	alpha-Chlordane	n/a	<	0.0029	µg/L	EPA 608.3	0.0029	0.01			
2020/21-1	Lab	LCS	1/15/2021	Pesticide	Atrazine	n/a	=	5.22	µg/L	EPA 525.2	0.03	0.1			
2020/21-1	Lab	LCS, rec	1/15/2021	Pesticide	Atrazine	n/a	=	104	%	EPA 525.2	-88	-88	70	130	
2020/21-1	Lab	LCS dup	1/15/2021	Pesticide	Atrazine	n/a	=	5.74	µg/L	EPA 525.2	0.03	0.1			
2020/21-1	Lab	LCS dup, rec	1/15/2021	Pesticide	Atrazine	n/a	=	115	%	EPA 525.2	-88	-88	70	130	
2020/21-1	Lab	LCS, RPD	1/15/2021	Pesticide	Atrazine	n/a	=	9	%	EPA 525.2	-88	-88	0	30	
2020/21-1	Lab	method blank	1/15/2021	Pesticide	Atrazine	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1			
2020/21-1	Lab	method blank	1/21/2021	Pesticide	Atrazine	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1			
2020/21-1	Lab	LCS	1/21/2021	Pesticide	Atrazine	n/a	=	6.95	µg/L	EPA 525.2	0.03	0.1			EUM
2020/21-1	Lab	LCS, rec	1/21/2021	Pesticide	Atrazine	n/a	=	139	%	EPA 525.2	-88	-88	70	130	EUM
2020/21-1	Lab	LCS dup	1/21/2021	Pesticide	Atrazine	n/a	=	6.45	µg/L	EPA 525.2	0.03	0.1			
2020/21-1	Lab	LCS dup, rec	1/21/2021	Pesticide	Atrazine	n/a	=	129	%	EPA 525.2	-88	-88	70	130	
2020/21-1	Lab	LCS, RPD	1/21/2021	Pesticide	Atrazine	n/a	=	7	%	EPA 525.2	-88	-88	0	30	
2020/21-1	ME-VR2	matrix spike	1/15/2021	Pesticide	Atrazine	n/a	=	6.36	µg/L	EPA 525.2	0.03	0.1			
2020/21-1	ME-VR2	matrix spike, rec	1/15/2021	Pesticide	Atrazine	n/a	=	127	%	EPA 525.2	-88	-88	70	130	
2020/21-1	ME-VR2	matrix spike dup	1/15/2021	Pesticide	Atrazine	n/a	=	5.34	µg/L	EPA 525.2	0.03	0.1			
2020/21-1	ME-VR2	matrix spike dup, rec	1/15/2021	Pesticide	Atrazine	n/a	=	107	%	EPA 525.2	-88	-88	70	130	
2020/21-1	ME-VR2	matrix spike, RPD	1/15/2021	Pesticide	Atrazine	n/a	=	17	%	EPA 525.2	-88	-88	0	30	
2020/21-1	Lab	method blank	1/19/2021	Pesticide	Azinphos methyl	n/a	<	0.0055	µg/L	EPA 625.1m	0.0055	0.01			
2020/21-1	Lab	LCS	1/19/2021	Pesticide	Azinphos methyl	n/a	=	0.0637	µg/L	EPA 625.1m	0.0055	0.01			
2020/21-1	Lab	LCS, rec	1/19/2021	Pesticide	Azinphos methyl	n/a	=	127	%	EPA 625.1m	-88	-88	0.1	179	
2020/21-1	Lab	LCS dup	1/19/2021	Pesticide	Azinphos methyl	n/a	=	0.0567	µg/L	EPA 625.1m	0.0055	0.01			
2020/21-1	Lab	LCS dup, rec	1/19/2021	Pesticide	Azinphos methyl	n/a	=	113	%	EPA 625.1m	-88	-88	0.1	179	
2020/21-1	Lab	LCS, RPD	1/19/2021	Pesticide	Azinphos methyl	n/a	=	12	%	EPA 625.1m	-88	-88	0	30	
2020/21-1	Lab	method blank	1/30/2021	Pesticide	Azinphos methyl	n/a	<	0.0055	µg/L	EPA 625.1m	0.0055	0.01			
2020/21-1	Lab	LCS	1/30/2021	Pesticide	Azinphos methyl	n/a	=	0.0637	µg/L	EPA 625.1m	0.0055	0.01			
2020/21-1	Lab	LCS, rec	1/30/2021	Pesticide	Azinphos methyl	n/a	=	127	%	EPA 625.1m	-88	-88	0.1	179	
2020/21-1	Lab	LCS dup	1/30/2021	Pesticide	Azinphos methyl	n/a	=	0.0609	µg/L	EPA 625.1m	0.0055	0.01			
2020/21-1	Lab	LCS dup, rec	1/30/2021	Pesticide	Azinphos methyl	n/a	=	122	%	EPA 625.1m	-88	-88	0.1	179	
2020/21-1	Lab	LCS, RPD	1/30/2021	Pesticide	Azinphos methyl	n/a	=	5	%	EPA 625.1m	-88	-88	0	30	
2020/21-1	000NONPJ	matrix spike	1/8/2021	Pesticide	Bentazon	n/a	=	15.3	µg/L	EPA 515.4	0.23	2			
2020/21-1	000NONPJ	matrix spike, rec	1/8/2021	Pesticide	Bentazon	n/a	=	96	%	EPA 515.4	-88	-88	70	130	
2020/21-1	000NONPJ	matrix spike dup	1/8/2021	Pesticide	Bentazon	n/a	=	15.4	µg/L	EPA 515.4	0.23	2			
2020/21-1	000NONPJ	matrix spike dup, rec	1/8/2021	Pesticide	Bentazon	n/a	=	96	%	EPA 515.4	-88	-88	70	130	
2020/21-1	000NONPJ	matrix spike, RPD	1/8/2021	Pesticide	Bentazon	n/a	=	0.3	%	EPA 515.4	-88	-88	0	30	
2020/21-1	Lab	method blank	1/7/2021	Pesticide	Bentazon	n/a	<	0.23	µg/L	EPA 515.4	0.23	2			
2020/21-1	Lab	LCS	1/8/2021	Pesticide	Bentazon	n/a	=	15.9	µg/L	EPA 515.4	0.23	2			
2020/21-1	Lab	LCS, rec	1/8/2021	Pesticide	Bentazon	n/a	=	100	%	EPA 515.4	-88	-88	70	130	
2020/21-1	Lab	method blank	1/10/2021	Pesticide	Bentazon	n/a	<	0.23	µg/L	EPA 515.4	0.23	2			
2020/21-1	Lab	LCS	1/10/2021	Pesticide	Bentazon	n/a	=	15.8	µg/L	EPA 515.4	0.23	2			
2020/21-1	Lab	LCS, rec	1/10/2021	Pesticide	Bentazon	n/a	=	99	%	EPA 515.4	-88	-88	70	130	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2020/21-1	Lab	method blank	1/12/2021	Pesticide	beta-BHC	n/a	<	0.0015	µg/L	EPA 608.3	0.0015	0.005			
2020/21-1	Lab	LCS	1/12/2021	Pesticide	beta-BHC	n/a	=	0.116	µg/L	EPA 608.3	0.0015	0.005			
2020/21-1	Lab	LCS, rec	1/12/2021	Pesticide	beta-BHC	n/a	=	116	%	EPA 608.3	-88	-88	39	130	
2020/21-1	Lab	LCS dup	1/12/2021	Pesticide	beta-BHC	n/a	=	0.117	µg/L	EPA 608.3	0.0015	0.005			
2020/21-1	Lab	LCS dup, rec	1/12/2021	Pesticide	beta-BHC	n/a	=	117	%	EPA 608.3	-88	-88	39	130	
2020/21-1	Lab	LCS, RPD	1/12/2021	Pesticide	beta-BHC	n/a	=	0.8	%	EPA 608.3	-88	-88	0	30	
2020/21-1	Lab	method blank	1/13/2021	Pesticide	beta-BHC	n/a	<	0.0015	µg/L	EPA 608.3	0.0015	0.005			
2020/21-1	Lab	LCS	1/14/2021	Pesticide	beta-BHC	n/a	=	0.12	µg/L	EPA 608.3	0.0015	0.005			
2020/21-1	Lab	LCS, rec	1/14/2021	Pesticide	beta-BHC	n/a	=	120	%	EPA 608.3	-88	-88	39	130	
2020/21-1	Lab	LCS dup	1/14/2021	Pesticide	beta-BHC	n/a	=	0.121	µg/L	EPA 608.3	0.0015	0.005			
2020/21-1	Lab	LCS dup, rec	1/14/2021	Pesticide	beta-BHC	n/a	=	121	%	EPA 608.3	-88	-88	39	130	
2020/21-1	Lab	LCS, RPD	1/14/2021	Pesticide	beta-BHC	n/a	=	0.5	%	EPA 608.3	-88	-88	0	30	
2020/21-1	Lab	method blank	1/19/2021	Pesticide	Bolstar	n/a	<	0.0046	µg/L	EPA 625.1m	0.0046	0.01			
2020/21-1	Lab	LCS	1/19/2021	Pesticide	Bolstar	n/a	=	0.0379	µg/L	EPA 625.1m	0.0046	0.01			
2020/21-1	Lab	LCS, rec	1/19/2021	Pesticide	Bolstar	n/a	=	76	%	EPA 625.1m	-88	-88	24	143	
2020/21-1	Lab	LCS dup	1/19/2021	Pesticide	Bolstar	n/a	=	0.0382	µg/L	EPA 625.1m	0.0046	0.01			
2020/21-1	Lab	LCS dup, rec	1/19/2021	Pesticide	Bolstar	n/a	=	76	%	EPA 625.1m	-88	-88	24	143	
2020/21-1	Lab	LCS, RPD	1/19/2021	Pesticide	Bolstar	n/a	=	1	%	EPA 625.1m	-88	-88	0	30	
2020/21-1	Lab	method blank	1/30/2021	Pesticide	Bolstar	n/a	<	0.0046	µg/L	EPA 625.1m	0.0046	0.01			
2020/21-1	Lab	LCS	1/30/2021	Pesticide	Bolstar	n/a	=	0.0372	µg/L	EPA 625.1m	0.0046	0.01			
2020/21-1	Lab	LCS, rec	1/30/2021	Pesticide	Bolstar	n/a	=	74	%	EPA 625.1m	-88	-88	24	143	
2020/21-1	Lab	LCS dup	1/30/2021	Pesticide	Bolstar	n/a	=	0.0347	µg/L	EPA 625.1m	0.0046	0.01			
2020/21-1	Lab	LCS dup, rec	1/30/2021	Pesticide	Bolstar	n/a	=	69	%	EPA 625.1m	-88	-88	24	143	
2020/21-1	Lab	LCS, RPD	1/30/2021	Pesticide	Bolstar	n/a	=	7	%	EPA 625.1m	-88	-88	0	30	
2020/21-1	Lab	LCS	1/15/2021	Pesticide	Bromacil	n/a	=	6.09	µg/L	EPA 525.2	0.16	0.5			
2020/21-1	Lab	LCS, rec	1/15/2021	Pesticide	Bromacil	n/a	=	122	%	EPA 525.2	-88	-88	70	130	
2020/21-1	Lab	LCS dup	1/15/2021	Pesticide	Bromacil	n/a	=	6.35	µg/L	EPA 525.2	0.16	0.5			
2020/21-1	Lab	LCS dup, rec	1/15/2021	Pesticide	Bromacil	n/a	=	127	%	EPA 525.2	-88	-88	70	130	
2020/21-1	Lab	LCS, RPD	1/15/2021	Pesticide	Bromacil	n/a	=	4	%	EPA 525.2	-88	-88	0	30	
2020/21-1	Lab	method blank	1/15/2021	Pesticide	Bromacil	n/a	<	0.16	µg/L	EPA 525.2	0.16	0.5			
2020/21-1	Lab	method blank	1/21/2021	Pesticide	Bromacil	n/a	<	0.16	µg/L	EPA 525.2	0.16	0.5			
2020/21-1	Lab	LCS	1/21/2021	Pesticide	Bromacil	n/a	=	5.72	µg/L	EPA 525.2	0.16	0.5			
2020/21-1	Lab	LCS, rec	1/21/2021	Pesticide	Bromacil	n/a	=	114	%	EPA 525.2	-88	-88	70	130	
2020/21-1	Lab	LCS dup	1/21/2021	Pesticide	Bromacil	n/a	=	5.95	µg/L	EPA 525.2	0.16	0.5			
2020/21-1	Lab	LCS dup, rec	1/21/2021	Pesticide	Bromacil	n/a	=	119	%	EPA 525.2	-88	-88	70	130	
2020/21-1	Lab	LCS, RPD	1/21/2021	Pesticide	Bromacil	n/a	=	4	%	EPA 525.2	-88	-88	0	30	
2020/21-1	ME-VR2	matrix spike	1/15/2021	Pesticide	Bromacil	n/a	=	7.42	µg/L	EPA 525.2	0.16	0.5			GB
2020/21-1	ME-VR2	matrix spike, rec	1/15/2021	Pesticide	Bromacil	n/a	=	143	%	EPA 525.2	-88	-88	70	130	GB
2020/21-1	ME-VR2	matrix spike dup	1/15/2021	Pesticide	Bromacil	n/a	=	7.34	µg/L	EPA 525.2	0.16	0.5			GB
2020/21-1	ME-VR2	matrix spike dup, rec	1/15/2021	Pesticide	Bromacil	n/a	=	142	%	EPA 525.2	-88	-88	70	130	GB
2020/21-1	ME-VR2	matrix spike, RPD	1/15/2021	Pesticide	Bromacil	n/a	=	1	%	EPA 525.2	-88	-88	0	30	GB
2020/21-1	Lab	LCS	1/15/2021	Pesticide	Butachlor	n/a	=	5.73	µg/L	EPA 525.2	0.03	0.1			
2020/21-1	Lab	LCS, rec	1/15/2021	Pesticide	Butachlor	n/a	=	115	%	EPA 525.2	-88	-88	70	130	
2020/21-1	Lab	LCS dup	1/15/2021	Pesticide	Butachlor	n/a	=	6	µg/L	EPA 525.2	0.03	0.1			
2020/21-1	Lab	LCS dup, rec	1/15/2021	Pesticide	Butachlor	n/a	=	120	%	EPA 525.2	-88	-88	70	130	
2020/21-1	Lab	LCS, RPD	1/15/2021	Pesticide	Butachlor	n/a	=	5	%	EPA 525.2	-88	-88	0	30	
2020/21-1	Lab	method blank	1/15/2021	Pesticide	Butachlor	n/a	<	0.03	µg/L	EPA 525.2	0.03	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	
2020/21-1	Lab	method blank	1/21/2021	Pesticide	Butachlor	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1			
2020/21-1	Lab	LCS	1/21/2021	Pesticide	Butachlor	n/a	=	5.96	µg/L	EPA 525.2	0.03	0.1			
2020/21-1	Lab	LCS, rec	1/21/2021	Pesticide	Butachlor	n/a	=	119	%	EPA 525.2	-88	-88	70	130	
2020/21-1	Lab	LCS dup	1/21/2021	Pesticide	Butachlor	n/a	=	6.11	µg/L	EPA 525.2	0.03	0.1			
2020/21-1	Lab	LCS dup, rec	1/21/2021	Pesticide	Butachlor	n/a	=	122	%	EPA 525.2	-88	-88	70	130	
2020/21-1	Lab	LCS, RPD	1/21/2021	Pesticide	Butachlor	n/a	=	3	%	EPA 525.2	-88	-88	0	30	
2020/21-1	ME-VR2	matrix spike	1/15/2021	Pesticide	Butachlor	n/a	=	6.18	µg/L	EPA 525.2	0.03	0.1			
2020/21-1	ME-VR2	matrix spike, rec	1/15/2021	Pesticide	Butachlor	n/a	=	124	%	EPA 525.2	-88	-88	70	130	
2020/21-1	ME-VR2	matrix spike dup	1/15/2021	Pesticide	Butachlor	n/a	=	6.37	µg/L	EPA 525.2	0.03	0.1			
2020/21-1	ME-VR2	matrix spike dup, rec	1/15/2021	Pesticide	Butachlor	n/a	=	127	%	EPA 525.2	-88	-88	70	130	
2020/21-1	ME-VR2	matrix spike, RPD	1/15/2021	Pesticide	Butachlor	n/a	=	3	%	EPA 525.2	-88	-88	0	30	
2020/21-1	Lab	LCS	1/15/2021	Pesticide	Captan	n/a	=	5.72	µg/L	EPA 525.2	0.16	1			
2020/21-1	Lab	LCS, rec	1/15/2021	Pesticide	Captan	n/a	=	114	%	EPA 525.2	-88	-88	70	130	
2020/21-1	Lab	LCS dup	1/15/2021	Pesticide	Captan	n/a	=	6.05	µg/L	EPA 525.2	0.16	1			
2020/21-1	Lab	LCS dup, rec	1/15/2021	Pesticide	Captan	n/a	=	121	%	EPA 525.2	-88	-88	70	130	
2020/21-1	Lab	LCS, RPD	1/15/2021	Pesticide	Captan	n/a	=	6	%	EPA 525.2	-88	-88	0	30	
2020/21-1	Lab	method blank	1/15/2021	Pesticide	Captan	n/a	<	0.16	µg/L	EPA 525.2	0.16	1			
2020/21-1	Lab	method blank	1/21/2021	Pesticide	Captan	n/a	<	0.16	µg/L	EPA 525.2	0.16	1			
2020/21-1	Lab	LCS	1/21/2021	Pesticide	Captan	n/a	=	3.55	µg/L	EPA 525.2	0.16	1			
2020/21-1	Lab	LCS, rec	1/21/2021	Pesticide	Captan	n/a	=	71	%	EPA 525.2	-88	-88	70	130	
2020/21-1	Lab	LCS dup	1/21/2021	Pesticide	Captan	n/a	=	3.52	µg/L	EPA 525.2	0.16	1			
2020/21-1	Lab	LCS dup, rec	1/21/2021	Pesticide	Captan	n/a	=	70	%	EPA 525.2	-88	-88	70	130	
2020/21-1	Lab	LCS, RPD	1/21/2021	Pesticide	Captan	n/a	=	0.9	%	EPA 525.2	-88	-88	0	30	
2020/21-1	ME-VR2	matrix spike	1/15/2021	Pesticide	Captan	n/a	=	6.3	µg/L	EPA 525.2	0.16	1			
2020/21-1	ME-VR2	matrix spike, rec	1/15/2021	Pesticide	Captan	n/a	=	126	%	EPA 525.2	-88	-88	70	130	
2020/21-1	ME-VR2	matrix spike dup	1/15/2021	Pesticide	Captan	n/a	=	7.13	µg/L	EPA 525.2	0.16	1			GB
2020/21-1	ME-VR2	matrix spike dup, rec	1/15/2021	Pesticide	Captan	n/a	=	143	%	EPA 525.2	-88	-88	70	130	GB
2020/21-1	ME-VR2	matrix spike, RPD	1/15/2021	Pesticide	Captan	n/a	=	12	%	EPA 525.2	-88	-88	0	30	GB
2020/21-1	Lab	method blank	1/12/2021	Pesticide	Chlordane (technical)	n/a	<	0.043	µg/L	EPA 608.3	0.043	0.1			
2020/21-1	Lab	method blank	1/13/2021	Pesticide	Chlordane (technical)	n/a	<	0.043	µg/L	EPA 608.3	0.043	0.1			
2020/21-1	Lab	LCS	1/15/2021	Pesticide	Chloroprotham	n/a	=	6.29	µg/L	EPA 525.2	0.04	0.1			
2020/21-1	Lab	LCS, rec	1/15/2021	Pesticide	Chloroprotham	n/a	=	126	%	EPA 525.2	-88	-88	70	130	
2020/21-1	Lab	LCS dup	1/15/2021	Pesticide	Chloroprotham	n/a	=	6.77	µg/L	EPA 525.2	0.04	0.1			EUM
2020/21-1	Lab	LCS dup, rec	1/15/2021	Pesticide	Chloroprotham	n/a	=	135	%	EPA 525.2	-88	-88	70	130	EUM
2020/21-1	Lab	LCS, RPD	1/15/2021	Pesticide	Chloroprotham	n/a	=	7	%	EPA 525.2	-88	-88	0	30	EUM
2020/21-1	Lab	method blank	1/15/2021	Pesticide	Chloroprotham	n/a	<	0.04	µg/L	EPA 525.2	0.04	0.1			
2020/21-1	Lab	method blank	1/21/2021	Pesticide	Chloroprotham	n/a	<	0.04	µg/L	EPA 525.2	0.04	0.1			
2020/21-1	Lab	LCS	1/21/2021	Pesticide	Chloroprotham	n/a	=	6.77	µg/L	EPA 525.2	0.04	0.1			EUM
2020/21-1	Lab	LCS, rec	1/21/2021	Pesticide	Chloroprotham	n/a	=	135	%	EPA 525.2	-88	-88	70	130	EUM
2020/21-1	Lab	LCS dup	1/21/2021	Pesticide	Chloroprotham	n/a	=	6.55	µg/L	EPA 525.2	0.04	0.1			EUM
2020/21-1	Lab	LCS dup, rec	1/21/2021	Pesticide	Chloroprotham	n/a	=	131	%	EPA 525.2	-88	-88	70	130	EUM
2020/21-1	Lab	LCS, RPD	1/21/2021	Pesticide	Chloroprotham	n/a	=	3	%	EPA 525.2	-88	-88	0	30	EUM
2020/21-1	ME-VR2	matrix spike	1/15/2021	Pesticide	Chloroprotham	n/a	=	7.18	µg/L	EPA 525.2	0.04	0.1			GB
2020/21-1	ME-VR2	matrix spike, rec	1/15/2021	Pesticide	Chloroprotham	n/a	=	144	%	EPA 525.2	-88	-88	70	130	GB
2020/21-1	ME-VR2	matrix spike dup	1/15/2021	Pesticide	Chloroprotham	n/a	=	6.75	µg/L	EPA 525.2	0.04	0.1			GB
2020/21-1	ME-VR2	matrix spike dup, rec	1/15/2021	Pesticide	Chloroprotham	n/a	=	135	%	EPA 525.2	-88	-88	70	130	GB
2020/21-1	ME-VR2	matrix spike, RPD	1/15/2021	Pesticide	Chloroprotham	n/a	=	6	%	EPA 525.2	-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	
2020/21-1	Lab	method blank	1/19/2021	Pesticide	Chlorpyrifos	n/a	<	0.0069	µg/L	EPA 625.1m	0.0069	0.01			
2020/21-1	Lab	LCS	1/19/2021	Pesticide	Chlorpyrifos	n/a	=	0.0373	µg/L	EPA 625.1m	0.0069	0.01			
2020/21-1	Lab	LCS, rec	1/19/2021	Pesticide	Chlorpyrifos	n/a	=	75	%	EPA 625.1m	-88	-88	50	150	
2020/21-1	Lab	LCS dup	1/19/2021	Pesticide	Chlorpyrifos	n/a	=	0.0315	µg/L	EPA 625.1m	0.0069	0.01			
2020/21-1	Lab	LCS dup, rec	1/19/2021	Pesticide	Chlorpyrifos	n/a	=	63	%	EPA 625.1m	-88	-88	50	150	
2020/21-1	Lab	LCS, RPD	1/19/2021	Pesticide	Chlorpyrifos	n/a	=	17	%	EPA 625.1m	-88	-88	0	25	
2020/21-1	Lab	method blank	1/30/2021	Pesticide	Chlorpyrifos	n/a	<	0.0069	µg/L	EPA 625.1m	0.0069	0.01			
2020/21-1	Lab	LCS	1/30/2021	Pesticide	Chlorpyrifos	n/a	=	0.0396	µg/L	EPA 625.1m	0.0069	0.01			
2020/21-1	Lab	LCS, rec	1/30/2021	Pesticide	Chlorpyrifos	n/a	=	79	%	EPA 625.1m	-88	-88	50	150	
2020/21-1	Lab	LCS dup	1/30/2021	Pesticide	Chlorpyrifos	n/a	=	0.0324	µg/L	EPA 625.1m	0.0069	0.01			
2020/21-1	Lab	LCS dup, rec	1/30/2021	Pesticide	Chlorpyrifos	n/a	=	65	%	EPA 625.1m	-88	-88	50	150	
2020/21-1	Lab	LCS, RPD	1/30/2021	Pesticide	Chlorpyrifos	n/a	=	20	%	EPA 625.1m	-88	-88	0	25	
2020/21-1	Lab	method blank	1/19/2021	Pesticide	Coumaphos	n/a	<	0.0051	µg/L	EPA 625.1m	0.0051	0.01			
2020/21-1	Lab	LCS	1/19/2021	Pesticide	Coumaphos	n/a	=	0.0704	µg/L	EPA 625.1m	0.0051	0.01			
2020/21-1	Lab	LCS, rec	1/19/2021	Pesticide	Coumaphos	n/a	=	141	%	EPA 625.1m	-88	-88	0.1	184	
2020/21-1	Lab	LCS dup	1/19/2021	Pesticide	Coumaphos	n/a	=	0.0636	µg/L	EPA 625.1m	0.0051	0.01			
2020/21-1	Lab	LCS dup, rec	1/19/2021	Pesticide	Coumaphos	n/a	=	127	%	EPA 625.1m	-88	-88	0.1	184	
2020/21-1	Lab	LCS, RPD	1/19/2021	Pesticide	Coumaphos	n/a	=	10	%	EPA 625.1m	-88	-88	0	30	
2020/21-1	Lab	method blank	1/30/2021	Pesticide	Coumaphos	n/a	<	0.0051	µg/L	EPA 625.1m	0.0051	0.01			
2020/21-1	Lab	LCS	1/30/2021	Pesticide	Coumaphos	n/a	=	0.066	µg/L	EPA 625.1m	0.0051	0.01			
2020/21-1	Lab	LCS, rec	1/30/2021	Pesticide	Coumaphos	n/a	=	132	%	EPA 625.1m	-88	-88	0.1	184	
2020/21-1	Lab	LCS dup	1/30/2021	Pesticide	Coumaphos	n/a	=	0.0581	µg/L	EPA 625.1m	0.0051	0.01			
2020/21-1	Lab	LCS dup, rec	1/30/2021	Pesticide	Coumaphos	n/a	=	116	%	EPA 625.1m	-88	-88	0.1	184	
2020/21-1	Lab	LCS, RPD	1/30/2021	Pesticide	Coumaphos	n/a	=	13	%	EPA 625.1m	-88	-88	0	30	
2020/21-1	Lab	LCS	1/15/2021	Pesticide	Cyanazine	n/a	=	5.67	µg/L	EPA 525.2	0.04	0.1			
2020/21-1	Lab	LCS, rec	1/15/2021	Pesticide	Cyanazine	n/a	=	113	%	EPA 525.2	-88	-88	70	130	
2020/21-1	Lab	LCS dup	1/15/2021	Pesticide	Cyanazine	n/a	=	5.5	µg/L	EPA 525.2	0.04	0.1			
2020/21-1	Lab	LCS dup, rec	1/15/2021	Pesticide	Cyanazine	n/a	=	110	%	EPA 525.2	-88	-88	70	130	
2020/21-1	Lab	LCS, RPD	1/15/2021	Pesticide	Cyanazine	n/a	=	3	%	EPA 525.2	-88	-88	0	30	
2020/21-1	Lab	method blank	1/15/2021	Pesticide	Cyanazine	n/a	<	0.04	µg/L	EPA 525.2	0.04	0.1			
2020/21-1	Lab	method blank	1/21/2021	Pesticide	Cyanazine	n/a	<	0.04	µg/L	EPA 525.2	0.04	0.1			
2020/21-1	Lab	LCS	1/21/2021	Pesticide	Cyanazine	n/a	=	5.58	µg/L	EPA 525.2	0.04	0.1			
2020/21-1	Lab	LCS, rec	1/21/2021	Pesticide	Cyanazine	n/a	=	112	%	EPA 525.2	-88	-88	70	130	
2020/21-1	Lab	LCS dup	1/21/2021	Pesticide	Cyanazine	n/a	=	4.71	µg/L	EPA 525.2	0.04	0.1			
2020/21-1	Lab	LCS dup, rec	1/21/2021	Pesticide	Cyanazine	n/a	=	94	%	EPA 525.2	-88	-88	70	130	
2020/21-1	Lab	LCS, RPD	1/21/2021	Pesticide	Cyanazine	n/a	=	17	%	EPA 525.2	-88	-88	0	30	
2020/21-1	ME-VR2	matrix spike	1/15/2021	Pesticide	Cyanazine	n/a	=	6.03	µg/L	EPA 525.2	0.04	0.1			
2020/21-1	ME-VR2	matrix spike, rec	1/15/2021	Pesticide	Cyanazine	n/a	=	121	%	EPA 525.2	-88	-88	70	130	
2020/21-1	ME-VR2	matrix spike dup	1/15/2021	Pesticide	Cyanazine	n/a	=	6.34	µg/L	EPA 525.2	0.04	0.1			
2020/21-1	ME-VR2	matrix spike dup, rec	1/15/2021	Pesticide	Cyanazine	n/a	=	127	%	EPA 525.2	-88	-88	70	130	
2020/21-1	ME-VR2	matrix spike, RPD	1/15/2021	Pesticide	Cyanazine	n/a	=	5	%	EPA 525.2	-88	-88	0	30	
2020/21-1	000NONPJ	matrix spike	1/8/2021	Pesticide	Dalapon	n/a	=	9.02	µg/L	EPA 515.4	0.11	0.4			
2020/21-1	000NONPJ	matrix spike, rec	1/8/2021	Pesticide	Dalapon	n/a	=	113	%	EPA 515.4	-88	-88	70	130	
2020/21-1	000NONPJ	matrix spike dup	1/8/2021	Pesticide	Dalapon	n/a	=	9.36	µg/L	EPA 515.4	0.11	0.4			
2020/21-1	000NONPJ	matrix spike dup, rec	1/8/2021	Pesticide	Dalapon	n/a	=	117	%	EPA 515.4	-88	-88	70	130	
2020/21-1	000NONPJ	matrix spike, RPD	1/8/2021	Pesticide	Dalapon	n/a	=	4	%	EPA 515.4	-88	-88	0	30	
2020/21-1	Lab	method blank	1/7/2021	Pesticide	Dalapon	n/a	<	0.11	µg/L	EPA 515.4	0.11	0.4			

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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	
2020/21-1	Lab	LCS	1/8/2021	Pesticide	Dalapon	n/a	=	8.12	µg/L	EPA 515.4	0.11	0.4			
2020/21-1	Lab	LCS, rec	1/8/2021	Pesticide	Dalapon	n/a	=	101	%	EPA 515.4	-88	-88	70	130	
2020/21-1	Lab	method blank	1/10/2021	Pesticide	Dalapon	n/a	<	0.11	µg/L	EPA 515.4	0.11	0.4			
2020/21-1	Lab	LCS	1/10/2021	Pesticide	Dalapon	n/a	=	8.29	µg/L	EPA 515.4	0.11	0.4			
2020/21-1	Lab	LCS, rec	1/10/2021	Pesticide	Dalapon	n/a	=	104	%	EPA 515.4	-88	-88	70	130	
2020/21-1	000NONPJ	matrix spike	1/8/2021	Pesticide	DCPA (Dacthal)	n/a	=	3.93	µg/L	EPA 515.4	0.053	0.1			
2020/21-1	000NONPJ	matrix spike, rec	1/8/2021	Pesticide	DCPA (Dacthal)	n/a	=	98	%	EPA 515.4	-88	-88	70	130	
2020/21-1	000NONPJ	matrix spike dup	1/8/2021	Pesticide	DCPA (Dacthal)	n/a	=	3.91	µg/L	EPA 515.4	0.053	0.1			
2020/21-1	000NONPJ	matrix spike dup, rec	1/8/2021	Pesticide	DCPA (Dacthal)	n/a	=	98	%	EPA 515.4	-88	-88	70	130	
2020/21-1	000NONPJ	matrix spike, RPD	1/8/2021	Pesticide	DCPA (Dacthal)	n/a	=	0.7	%	EPA 515.4	-88	-88	0	30	
2020/21-1	Lab	method blank	1/7/2021	Pesticide	DCPA (Dacthal)	n/a	<	0.053	µg/L	EPA 515.4	0.053	0.1			
2020/21-1	Lab	LCS	1/8/2021	Pesticide	DCPA (Dacthal)	n/a	=	3.81	µg/L	EPA 515.4	0.053	0.1			
2020/21-1	Lab	LCS, rec	1/8/2021	Pesticide	DCPA (Dacthal)	n/a	=	95	%	EPA 515.4	-88	-88	70	130	
2020/21-1	Lab	method blank	1/10/2021	Pesticide	DCPA (Dacthal)	n/a	<	0.053	µg/L	EPA 515.4	0.053	0.1			
2020/21-1	Lab	LCS	1/10/2021	Pesticide	DCPA (Dacthal)	n/a	=	3.73	µg/L	EPA 515.4	0.053	0.1			
2020/21-1	Lab	LCS, rec	1/10/2021	Pesticide	DCPA (Dacthal)	n/a	=	93	%	EPA 515.4	-88	-88	70	130	
2020/21-1	Lab	method blank	1/12/2021	Pesticide	delta-BHC	n/a	<	0.0019	µg/L	EPA 608.3	0.0019	0.005			
2020/21-1	Lab	LCS	1/12/2021	Pesticide	delta-BHC	n/a	=	0.119	µg/L	EPA 608.3	0.0019	0.005			
2020/21-1	Lab	LCS, rec	1/12/2021	Pesticide	delta-BHC	n/a	=	119	%	EPA 608.3	-88	-88	51	130	
2020/21-1	Lab	LCS dup	1/12/2021	Pesticide	delta-BHC	n/a	=	0.127	µg/L	EPA 608.3	0.0019	0.005			
2020/21-1	Lab	LCS dup, rec	1/12/2021	Pesticide	delta-BHC	n/a	=	127	%	EPA 608.3	-88	-88	51	130	
2020/21-1	Lab	LCS, RPD	1/12/2021	Pesticide	delta-BHC	n/a	=	7	%	EPA 608.3	-88	-88	0	30	
2020/21-1	Lab	method blank	1/13/2021	Pesticide	delta-BHC	n/a	<	0.0019	µg/L	EPA 608.3	0.0019	0.005			
2020/21-1	Lab	LCS	1/14/2021	Pesticide	delta-BHC	n/a	=	0.136	µg/L	EPA 608.3	0.0019	0.005			EUM
2020/21-1	Lab	LCS, rec	1/14/2021	Pesticide	delta-BHC	n/a	=	136	%	EPA 608.3	-88	-88	51	130	EUM
2020/21-1	Lab	LCS dup	1/14/2021	Pesticide	delta-BHC	n/a	=	0.136	µg/L	EPA 608.3	0.0019	0.005			EUM
2020/21-1	Lab	LCS dup, rec	1/14/2021	Pesticide	delta-BHC	n/a	=	136	%	EPA 608.3	-88	-88	51	130	EUM
2020/21-1	Lab	LCS, RPD	1/14/2021	Pesticide	delta-BHC	n/a	=	0.1	%	EPA 608.3	-88	-88	0	30	EUM
2020/21-1	Lab	method blank	1/19/2021	Pesticide	Demeton-O	n/a	<	0.01	µg/L	EPA 625.1m	0.01	0.01			
2020/21-1	Lab	LCS	1/19/2021	Pesticide	Demeton-O	n/a	=	0.0197	µg/L	EPA 625.1m	0.01	0.01			EUM
2020/21-1	Lab	LCS, rec	1/19/2021	Pesticide	Demeton-O	n/a	=	39	%	EPA 625.1m	-88	-88	54	160	EUM
2020/21-1	Lab	LCS dup	1/19/2021	Pesticide	Demeton-O	n/a	=	0.0133	µg/L	EPA 625.1m	0.01	0.01			EUM
2020/21-1	Lab	LCS dup, rec	1/19/2021	Pesticide	Demeton-O	n/a	=	27	%	EPA 625.1m	-88	-88	54	160	EUM
2020/21-1	Lab	LCS, RPD	1/19/2021	Pesticide	Demeton-O	n/a	=	39	%	EPA 625.1m	-88	-88	0	30	IL
2020/21-1	Lab	method blank	1/30/2021	Pesticide	Demeton-O	n/a	<	0.01	µg/L	EPA 625.1m	0.01	0.01			
2020/21-1	Lab	LCS	1/30/2021	Pesticide	Demeton-O	n/a	=	0.0148	µg/L	EPA 625.1m	0	0.01			EUM
2020/21-1	Lab	LCS, rec	1/30/2021	Pesticide	Demeton-O	n/a	=	30	%	EPA 625.1m	-88	-88	54	160	EUM
2020/21-1	Lab	LCS dup	1/30/2021	Pesticide	Demeton-O	n/a	DNQ	0.0083	µg/L	EPA 625.1m	0	0.01			EUM
2020/21-1	Lab	LCS dup, rec	1/30/2021	Pesticide	Demeton-O	n/a	=	17	%	EPA 625.1m	-88	-88	54	160	EUM
2020/21-1	Lab	LCS, RPD	1/30/2021	Pesticide	Demeton-O	n/a	=	56	%	EPA 625.1m	-88	-88	0	30	IL
2020/21-1	Lab	method blank	1/19/2021	Pesticide	Demeton-S	n/a	<	0.01	µg/L	EPA 625.1m	0.01	0.01			
2020/21-1	Lab	LCS	1/19/2021	Pesticide	Demeton-S	n/a	=	0.0336	µg/L	EPA 625.1m	0.01	0.01			
2020/21-1	Lab	LCS, rec	1/19/2021	Pesticide	Demeton-S	n/a	=	67	%	EPA 625.1m	-88	-88	8	186	
2020/21-1	Lab	LCS dup	1/19/2021	Pesticide	Demeton-S	n/a	=	0.0273	µg/L	EPA 625.1m	0.01	0.01			
2020/21-1	Lab	LCS dup, rec	1/19/2021	Pesticide	Demeton-S	n/a	=	55	%	EPA 625.1m	-88	-88	8	186	
2020/21-1	Lab	LCS, RPD	1/19/2021	Pesticide	Demeton-S	n/a	=	21	%	EPA 625.1m	-88	-88	0	30	
2020/21-1	Lab	method blank	1/30/2021	Pesticide	Demeton-S	n/a	<	0.01	µg/L	EPA 625.1m	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	
2020/21-1	Lab	LCS	1/30/2021	Pesticide	Demeton-S	n/a	=	0.0296	µg/L	EPA 625.1m	0.01	0.01			
2020/21-1	Lab	LCS, rec	1/30/2021	Pesticide	Demeton-S	n/a	=	59	%	EPA 625.1m	-88	-88	8	186	
2020/21-1	Lab	LCS dup	1/30/2021	Pesticide	Demeton-S	n/a	=	0.0224	µg/L	EPA 625.1m	0.01	0.01			
2020/21-1	Lab	LCS dup, rec	1/30/2021	Pesticide	Demeton-S	n/a	=	45	%	EPA 625.1m	-88	-88	8	186	
2020/21-1	Lab	LCS, RPD	1/30/2021	Pesticide	Demeton-S	n/a	=	28	%	EPA 625.1m	-88	-88	0	30	
2020/21-1	Lab	LCS	1/15/2021	Pesticide	Diazinon	n/a	=	3.59	µg/L	EPA 525.2	0.05	0.1			
2020/21-1	Lab	LCS, rec	1/15/2021	Pesticide	Diazinon	n/a	=	72	%	EPA 525.2	-88	-88	50	120	
2020/21-1	Lab	LCS dup	1/15/2021	Pesticide	Diazinon	n/a	=	3.62	µg/L	EPA 525.2	0.05	0.1			
2020/21-1	Lab	LCS dup, rec	1/15/2021	Pesticide	Diazinon	n/a	=	72	%	EPA 525.2	-88	-88	50	120	
2020/21-1	Lab	LCS, RPD	1/15/2021	Pesticide	Diazinon	n/a	=	0.6	%	EPA 525.2	-88	-88	0	30	
2020/21-1	Lab	method blank	1/15/2021	Pesticide	Diazinon	n/a	<	0.05	µg/L	EPA 525.2	0.05	0.1			
2020/21-1	Lab	method blank	1/19/2021	Pesticide	Diazinon	n/a	<	0.0052	µg/L	EPA 625.1m	0.0052	0.01			
2020/21-1	Lab	LCS	1/19/2021	Pesticide	Diazinon	n/a	=	0.0316	µg/L	EPA 625.1m	0.0052	0.01			
2020/21-1	Lab	LCS, rec	1/19/2021	Pesticide	Diazinon	n/a	=	63	%	EPA 625.1m	-88	-88	50	144	
2020/21-1	Lab	LCS dup	1/19/2021	Pesticide	Diazinon	n/a	=	0.0198	µg/L	EPA 625.1m	0.0052	0.01			EUM
2020/21-1	Lab	LCS dup, rec	1/19/2021	Pesticide	Diazinon	n/a	=	40	%	EPA 625.1m	-88	-88	50	144	EUM
2020/21-1	Lab	LCS, RPD	1/19/2021	Pesticide	Diazinon	n/a	=	46	%	EPA 625.1m	-88	-88	0	25	EUM,IL
2020/21-1	Lab	method blank	1/21/2021	Pesticide	Diazinon	n/a	<	0.05	µg/L	EPA 525.2	0.05	0.1			
2020/21-1	Lab	LCS	1/21/2021	Pesticide	Diazinon	n/a	=	5.2	µg/L	EPA 525.2	0.05	0.1			
2020/21-1	Lab	LCS, rec	1/21/2021	Pesticide	Diazinon	n/a	=	104	%	EPA 525.2	-88	-88	50	120	
2020/21-1	Lab	LCS dup	1/21/2021	Pesticide	Diazinon	n/a	=	4.2	µg/L	EPA 525.2	0.05	0.1			
2020/21-1	Lab	LCS dup, rec	1/21/2021	Pesticide	Diazinon	n/a	=	84	%	EPA 525.2	-88	-88	50	120	
2020/21-1	Lab	LCS, RPD	1/21/2021	Pesticide	Diazinon	n/a	=	21	%	EPA 525.2	-88	-88	0	30	
2020/21-1	Lab	method blank	1/30/2021	Pesticide	Diazinon	n/a	<	0.0052	µg/L	EPA 625.1m	0.0052	0.01			
2020/21-1	Lab	LCS	1/30/2021	Pesticide	Diazinon	n/a	=	0.0345	µg/L	EPA 625.1m	0.0052	0.01			
2020/21-1	Lab	LCS, rec	1/30/2021	Pesticide	Diazinon	n/a	=	69	%	EPA 625.1m	-88	-88	50	144	
2020/21-1	Lab	LCS dup	1/30/2021	Pesticide	Diazinon	n/a	=	0.0208	µg/L	EPA 625.1m	0.0052	0.01			EUM
2020/21-1	Lab	LCS dup, rec	1/30/2021	Pesticide	Diazinon	n/a	=	42	%	EPA 625.1m	-88	-88	50	144	EUM
2020/21-1	Lab	LCS, RPD	1/30/2021	Pesticide	Diazinon	n/a	=	49	%	EPA 625.1m	-88	-88	0	25	EUM,IL
2020/21-1	ME-VR2	matrix spike	1/15/2021	Pesticide	Diazinon	n/a	=	5.86	µg/L	EPA 525.2	0.05	0.1			
2020/21-1	ME-VR2	matrix spike, rec	1/15/2021	Pesticide	Diazinon	n/a	=	117	%	EPA 525.2	-88	-88	50	120	
2020/21-1	ME-VR2	matrix spike dup	1/15/2021	Pesticide	Diazinon	n/a	=	5.43	µg/L	EPA 525.2	0.05	0.1			
2020/21-1	ME-VR2	matrix spike dup, rec	1/15/2021	Pesticide	Diazinon	n/a	=	109	%	EPA 525.2	-88	-88	50	120	
2020/21-1	ME-VR2	matrix spike, RPD	1/15/2021	Pesticide	Diazinon	n/a	=	8	%	EPA 525.2	-88	-88	0	30	
2020/21-1	000NONPJ	matrix spike	1/8/2021	Pesticide	Dicamba	n/a	=	8.02	µg/L	EPA 515.4	0.075	0.6			
2020/21-1	000NONPJ	matrix spike, rec	1/8/2021	Pesticide	Dicamba	n/a	=	100	%	EPA 515.4	-88	-88	70	130	
2020/21-1	000NONPJ	matrix spike dup	1/8/2021	Pesticide	Dicamba	n/a	=	7.96	µg/L	EPA 515.4	0.075	0.6			
2020/21-1	000NONPJ	matrix spike dup, rec	1/8/2021	Pesticide	Dicamba	n/a	=	99	%	EPA 515.4	-88	-88	70	130	
2020/21-1	000NONPJ	matrix spike, RPD	1/8/2021	Pesticide	Dicamba	n/a	=	0.7	%	EPA 515.4	-88	-88	0	30	
2020/21-1	Lab	method blank	1/7/2021	Pesticide	Dicamba	n/a	<	0.075	µg/L	EPA 515.4	0.075	0.6			
2020/21-1	Lab	LCS	1/8/2021	Pesticide	Dicamba	n/a	=	7.95	µg/L	EPA 515.4	0.075	0.6			
2020/21-1	Lab	LCS, rec	1/8/2021	Pesticide	Dicamba	n/a	=	99	%	EPA 515.4	-88	-88	70	130	
2020/21-1	Lab	method blank	1/10/2021	Pesticide	Dicamba	n/a	<	0.075	µg/L	EPA 515.4	0.075	0.6			
2020/21-1	Lab	LCS	1/10/2021	Pesticide	Dicamba	n/a	=	7.78	µg/L	EPA 515.4	0.075	0.6			
2020/21-1	Lab	LCS, rec	1/10/2021	Pesticide	Dicamba	n/a	=	97	%	EPA 515.4	-88	-88	70	130	
2020/21-1	000NONPJ	matrix spike	1/8/2021	Pesticide	Dichlorprop	n/a	=	8.13	µg/L	EPA 515.4	0.12	0.3			
2020/21-1	000NONPJ	matrix spike, rec	1/8/2021	Pesticide	Dichlorprop	n/a	=	102	%	EPA 515.4	-88	-88	70	130	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2020/21-1	000NONPJ	matrix spike dup	1/8/2021	Pesticide	Dichlorprop	n/a	=	8.1	µg/L	EPA 515.4	0.12	0.3			
2020/21-1	000NONPJ	matrix spike dup, rec	1/8/2021	Pesticide	Dichlorprop	n/a	=	101	%	EPA 515.4	-88	-88	70	130	
2020/21-1	000NONPJ	matrix spike, RPD	1/8/2021	Pesticide	Dichlorprop	n/a	=	0.4	%	EPA 515.4	-88	-88	0	30	
2020/21-1	Lab	method blank	1/7/2021	Pesticide	Dichlorprop	n/a	<	0.12	µg/L	EPA 515.4	0.12	0.3			
2020/21-1	Lab	LCS	1/8/2021	Pesticide	Dichlorprop	n/a	=	8.24	µg/L	EPA 515.4	0.12	0.3			
2020/21-1	Lab	LCS, rec	1/8/2021	Pesticide	Dichlorprop	n/a	=	103	%	EPA 515.4	-88	-88	70	130	
2020/21-1	Lab	method blank	1/10/2021	Pesticide	Dichlorprop	n/a	<	0.12	µg/L	EPA 515.4	0.12	0.3			
2020/21-1	Lab	LCS	1/10/2021	Pesticide	Dichlorprop	n/a	=	8	µg/L	EPA 515.4	0.12	0.3			
2020/21-1	Lab	LCS, rec	1/10/2021	Pesticide	Dichlorprop	n/a	=	100	%	EPA 515.4	-88	-88	70	130	
2020/21-1	Lab	method blank	1/19/2021	Pesticide	Dichlorvos	n/a	<	0.0029	µg/L	EPA 625.1m	0.0029	0.01			
2020/21-1	Lab	LCS	1/19/2021	Pesticide	Dichlorvos	n/a	=	0.0365	µg/L	EPA 625.1m	0.0029	0.01			
2020/21-1	Lab	LCS, rec	1/19/2021	Pesticide	Dichlorvos	n/a	=	73	%	EPA 625.1m	-88	-88	49	143	
2020/21-1	Lab	LCS dup	1/19/2021	Pesticide	Dichlorvos	n/a	=	0.0333	µg/L	EPA 625.1m	0.0029	0.01			
2020/21-1	Lab	LCS dup, rec	1/19/2021	Pesticide	Dichlorvos	n/a	=	67	%	EPA 625.1m	-88	-88	49	143	
2020/21-1	Lab	LCS, RPD	1/19/2021	Pesticide	Dichlorvos	n/a	=	9	%	EPA 625.1m	-88	-88	0	30	
2020/21-1	Lab	method blank	1/30/2021	Pesticide	Dichlorvos	n/a	<	0.0029	µg/L	EPA 625.1m	0.0029	0.01			
2020/21-1	Lab	LCS	1/30/2021	Pesticide	Dichlorvos	n/a	=	0.0376	µg/L	EPA 625.1m	0.0029	0.01			
2020/21-1	Lab	LCS, rec	1/30/2021	Pesticide	Dichlorvos	n/a	=	75	%	EPA 625.1m	-88	-88	49	143	
2020/21-1	Lab	LCS dup	1/30/2021	Pesticide	Dichlorvos	n/a	=	0.0336	µg/L	EPA 625.1m	0.0029	0.01			
2020/21-1	Lab	LCS dup, rec	1/30/2021	Pesticide	Dichlorvos	n/a	=	67	%	EPA 625.1m	-88	-88	49	143	
2020/21-1	Lab	LCS, RPD	1/30/2021	Pesticide	Dichlorvos	n/a	=	11	%	EPA 625.1m	-88	-88	0	30	
2020/21-1	Lab	method blank	1/12/2021	Pesticide	Dieldrin	n/a	<	0.0008	µg/L	EPA 608.3	0.0008	0.01			
2020/21-1	Lab	LCS	1/12/2021	Pesticide	Dieldrin	n/a	=	0.0971	µg/L	EPA 608.3	0.0008	0.01			
2020/21-1	Lab	LCS, rec	1/12/2021	Pesticide	Dieldrin	n/a	=	97	%	EPA 608.3	-88	-88	58	130	
2020/21-1	Lab	LCS dup	1/12/2021	Pesticide	Dieldrin	n/a	=	0.0941	µg/L	EPA 608.3	0.0008	0.01			
2020/21-1	Lab	LCS dup, rec	1/12/2021	Pesticide	Dieldrin	n/a	=	94	%	EPA 608.3	-88	-88	58	130	
2020/21-1	Lab	LCS, RPD	1/12/2021	Pesticide	Dieldrin	n/a	=	3	%	EPA 608.3	-88	-88	0	30	
2020/21-1	Lab	method blank	1/13/2021	Pesticide	Dieldrin	n/a	<	0.0008	µg/L	EPA 608.3	0.0008	0.01			
2020/21-1	Lab	LCS	1/14/2021	Pesticide	Dieldrin	n/a	=	0.105	µg/L	EPA 608.3	0.0008	0.01			
2020/21-1	Lab	LCS, rec	1/14/2021	Pesticide	Dieldrin	n/a	=	105	%	EPA 608.3	-88	-88	58	130	
2020/21-1	Lab	LCS dup	1/14/2021	Pesticide	Dieldrin	n/a	=	0.105	µg/L	EPA 608.3	0.0008	0.01			
2020/21-1	Lab	LCS dup, rec	1/14/2021	Pesticide	Dieldrin	n/a	=	105	%	EPA 608.3	-88	-88	58	130	
2020/21-1	Lab	LCS, RPD	1/14/2021	Pesticide	Dieldrin	n/a	=	0.3	%	EPA 608.3	-88	-88	0	30	
2020/21-1	Lab	LCS	1/15/2021	Pesticide	Dimethoate	n/a	=	2.16	µg/L	EPA 525.2	0.02	0.2			EUM
2020/21-1	Lab	LCS, rec	1/15/2021	Pesticide	Dimethoate	n/a	=	43	%	EPA 525.2	-88	-88	50	120	EUM
2020/21-1	Lab	LCS dup	1/15/2021	Pesticide	Dimethoate	n/a	=	1.94	µg/L	EPA 525.2	0.02	0.2			EUM
2020/21-1	Lab	LCS dup, rec	1/15/2021	Pesticide	Dimethoate	n/a	=	39	%	EPA 525.2	-88	-88	50	120	EUM
2020/21-1	Lab	LCS, RPD	1/15/2021	Pesticide	Dimethoate	n/a	=	11	%	EPA 525.2	-88	-88	0	30	EUM
2020/21-1	Lab	method blank	1/15/2021	Pesticide	Dimethoate	n/a	<	0.02	µg/L	EPA 525.2	0.02	0.2			
2020/21-1	Lab	method blank	1/19/2021	Pesticide	Dimethoate	n/a	<	0.0062	µg/L	EPA 625.1m	0.0062	0.01			
2020/21-1	Lab	LCS	1/19/2021	Pesticide	Dimethoate	n/a	=	0.0362	µg/L	EPA 625.1m	0.0062	0.01			
2020/21-1	Lab	LCS, rec	1/19/2021	Pesticide	Dimethoate	n/a	=	72	%	EPA 625.1m	-88	-88	11	224	
2020/21-1	Lab	LCS dup	1/19/2021	Pesticide	Dimethoate	n/a	=	0.0403	µg/L	EPA 625.1m	0.0062	0.01			
2020/21-1	Lab	LCS dup, rec	1/19/2021	Pesticide	Dimethoate	n/a	=	81	%	EPA 625.1m	-88	-88	11	224	
2020/21-1	Lab	LCS, RPD	1/19/2021	Pesticide	Dimethoate	n/a	=	11	%	EPA 625.1m	-88	-88	0	30	
2020/21-1	Lab	method blank	1/21/2021	Pesticide	Dimethoate	n/a	<	0.02	µg/L	EPA 525.2	0.02	0.2			
2020/21-1	Lab	LCS	1/21/2021	Pesticide	Dimethoate	n/a	=	3.07	µg/L	EPA 525.2	0.02	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	
2020/21-1	Lab	LCS, rec	1/21/2021	Pesticide	Dimethoate	n/a	=	61	%	EPA 525.2	-88	-88	50	120	
2020/21-1	Lab	LCS dup	1/21/2021	Pesticide	Dimethoate	n/a	=	2.74	µg/L	EPA 525.2	0.02	0.2			
2020/21-1	Lab	LCS dup, rec	1/21/2021	Pesticide	Dimethoate	n/a	=	55	%	EPA 525.2	-88	-88	50	120	
2020/21-1	Lab	LCS, RPD	1/21/2021	Pesticide	Dimethoate	n/a	=	11	%	EPA 525.2	-88	-88	0	30	
2020/21-1	Lab	method blank	1/30/2021	Pesticide	Dimethoate	n/a	<	0.0062	µg/L	EPA 625.1m	0.0062	0.01			
2020/21-1	Lab	LCS	1/30/2021	Pesticide	Dimethoate	n/a	=	0.0333	µg/L	EPA 625.1m	0.0062	0.01			
2020/21-1	Lab	LCS, rec	1/30/2021	Pesticide	Dimethoate	n/a	=	67	%	EPA 625.1m	-88	-88	11	224	
2020/21-1	Lab	LCS dup	1/30/2021	Pesticide	Dimethoate	n/a	=	0.0326	µg/L	EPA 625.1m	0.0062	0.01			
2020/21-1	Lab	LCS dup, rec	1/30/2021	Pesticide	Dimethoate	n/a	=	65	%	EPA 625.1m	-88	-88	11	224	
2020/21-1	Lab	LCS, RPD	1/30/2021	Pesticide	Dimethoate	n/a	=	2	%	EPA 625.1m	-88	-88	0	30	
2020/21-1	ME-VR2	matrix spike	1/15/2021	Pesticide	Dimethoate	n/a	=	1.23	µg/L	EPA 525.2	0.02	0.2			GB
2020/21-1	ME-VR2	matrix spike, rec	1/15/2021	Pesticide	Dimethoate	n/a	=	25	%	EPA 525.2	-88	-88	50	120	GB
2020/21-1	ME-VR2	matrix spike dup	1/15/2021	Pesticide	Dimethoate	n/a	=	1.63	µg/L	EPA 525.2	0.02	0.2			GB
2020/21-1	ME-VR2	matrix spike dup, rec	1/15/2021	Pesticide	Dimethoate	n/a	=	33	%	EPA 525.2	-88	-88	50	120	GB
2020/21-1	ME-VR2	matrix spike, RPD	1/15/2021	Pesticide	Dimethoate	n/a	=	28	%	EPA 525.2	-88	-88	0	30	GB
2020/21-1	000NONPJ	matrix spike	1/8/2021	Pesticide	Dinoseb	n/a	=	3.99	µg/L	EPA 515.4	0.055	0.4			
2020/21-1	000NONPJ	matrix spike, rec	1/8/2021	Pesticide	Dinoseb	n/a	=	100	%	EPA 515.4	-88	-88	70	130	
2020/21-1	000NONPJ	matrix spike dup	1/8/2021	Pesticide	Dinoseb	n/a	=	3.92	µg/L	EPA 515.4	0.055	0.4			
2020/21-1	000NONPJ	matrix spike dup, rec	1/8/2021	Pesticide	Dinoseb	n/a	=	98	%	EPA 515.4	-88	-88	70	130	
2020/21-1	000NONPJ	matrix spike, RPD	1/8/2021	Pesticide	Dinoseb	n/a	=	2	%	EPA 515.4	-88	-88	0	30	
2020/21-1	Lab	method blank	1/7/2021	Pesticide	Dinoseb	n/a	<	0.055	µg/L	EPA 515.4	0.055	0.4			
2020/21-1	Lab	LCS	1/8/2021	Pesticide	Dinoseb	n/a	=	3.62	µg/L	EPA 515.4	0.055	0.4			
2020/21-1	Lab	LCS, rec	1/8/2021	Pesticide	Dinoseb	n/a	=	90	%	EPA 515.4	-88	-88	70	130	
2020/21-1	Lab	method blank	1/10/2021	Pesticide	Dinoseb	n/a	<	0.055	µg/L	EPA 515.4	0.055	0.4			
2020/21-1	Lab	LCS	1/10/2021	Pesticide	Dinoseb	n/a	=	3.49	µg/L	EPA 515.4	0.055	0.4			
2020/21-1	Lab	LCS, rec	1/10/2021	Pesticide	Dinoseb	n/a	=	87	%	EPA 515.4	-88	-88	70	130	
2020/21-1	Lab	LCS	1/15/2021	Pesticide	Diphenamid	n/a	=	5.97	µg/L	EPA 525.2	0.03	0.1			
2020/21-1	Lab	LCS, rec	1/15/2021	Pesticide	Diphenamid	n/a	=	119	%	EPA 525.2	-88	-88	70	130	
2020/21-1	Lab	LCS dup	1/15/2021	Pesticide	Diphenamid	n/a	=	6.21	µg/L	EPA 525.2	0.03	0.1			
2020/21-1	Lab	LCS dup, rec	1/15/2021	Pesticide	Diphenamid	n/a	=	124	%	EPA 525.2	-88	-88	70	130	
2020/21-1	Lab	LCS, RPD	1/15/2021	Pesticide	Diphenamid	n/a	=	4	%	EPA 525.2	-88	-88	0	30	
2020/21-1	Lab	method blank	1/15/2021	Pesticide	Diphenamid	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1			
2020/21-1	Lab	method blank	1/21/2021	Pesticide	Diphenamid	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1			
2020/21-1	Lab	LCS	1/21/2021	Pesticide	Diphenamid	n/a	=	5.83	µg/L	EPA 525.2	0.03	0.1			
2020/21-1	Lab	LCS, rec	1/21/2021	Pesticide	Diphenamid	n/a	=	117	%	EPA 525.2	-88	-88	70	130	
2020/21-1	Lab	LCS dup	1/21/2021	Pesticide	Diphenamid	n/a	=	5.96	µg/L	EPA 525.2	0.03	0.1			
2020/21-1	Lab	LCS dup, rec	1/21/2021	Pesticide	Diphenamid	n/a	=	119	%	EPA 525.2	-88	-88	70	130	
2020/21-1	Lab	LCS, RPD	1/21/2021	Pesticide	Diphenamid	n/a	=	2	%	EPA 525.2	-88	-88	0	30	
2020/21-1	ME-VR2	matrix spike	1/15/2021	Pesticide	Diphenamid	n/a	=	6.08	µg/L	EPA 525.2	0.03	0.1			
2020/21-1	ME-VR2	matrix spike, rec	1/15/2021	Pesticide	Diphenamid	n/a	=	122	%	EPA 525.2	-88	-88	70	130	
2020/21-1	ME-VR2	matrix spike dup	1/15/2021	Pesticide	Diphenamid	n/a	=	6.41	µg/L	EPA 525.2	0.03	0.1			
2020/21-1	ME-VR2	matrix spike dup, rec	1/15/2021	Pesticide	Diphenamid	n/a	=	128	%	EPA 525.2	-88	-88	70	130	
2020/21-1	ME-VR2	matrix spike, RPD	1/15/2021	Pesticide	Diphenamid	n/a	=	5	%	EPA 525.2	-88	-88	0	30	
2020/21-1	Lab	LCS	1/15/2021	Pesticide	Disulfoton	n/a	=	6.73	µg/L	EPA 525.2	0.04	0.1			EUM
2020/21-1	Lab	LCS, rec	1/15/2021	Pesticide	Disulfoton	n/a	=	135	%	EPA 525.2	-88	-88	50	120	EUM
2020/21-1	Lab	LCS dup	1/15/2021	Pesticide	Disulfoton	n/a	=	6.86	µg/L	EPA 525.2	0.04	0.1			EUM
2020/21-1	Lab	LCS dup, rec	1/15/2021	Pesticide	Disulfoton	n/a	=	137	%	EPA 525.2	-88	-88	50	120	EUM

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2020/21-1	Lab	LCS, RPD	1/15/2021	Pesticide	Disulfoton	n/a	=	2	%	EPA 525.2	-88	-88	0	30	EUM
2020/21-1	Lab	method blank	1/15/2021	Pesticide	Disulfoton	n/a	<	0.04	µg/L	EPA 525.2	0.04	0.1			
2020/21-1	Lab	method blank	1/19/2021	Pesticide	Disulfoton	n/a	<	0.01	µg/L	EPA 625.1m	0.01	0.01			
2020/21-1	Lab	LCS	1/19/2021	Pesticide	Disulfoton	n/a	=	0.0266	µg/L	EPA 625.1m	0.01	0.01			
2020/21-1	Lab	LCS, rec	1/19/2021	Pesticide	Disulfoton	n/a	=	53	%	EPA 625.1m	-88	-88	26	169	
2020/21-1	Lab	LCS dup	1/19/2021	Pesticide	Disulfoton	n/a	=	0.0251	µg/L	EPA 625.1m	0.01	0.01			
2020/21-1	Lab	LCS dup, rec	1/19/2021	Pesticide	Disulfoton	n/a	=	50	%	EPA 625.1m	-88	-88	26	169	
2020/21-1	Lab	LCS, RPD	1/19/2021	Pesticide	Disulfoton	n/a	=	6	%	EPA 625.1m	-88	-88	0	30	
2020/21-1	Lab	method blank	1/21/2021	Pesticide	Disulfoton	n/a	<	0.04	µg/L	EPA 525.2	0.04	0.1			
2020/21-1	Lab	LCS	1/21/2021	Pesticide	Disulfoton	n/a	=	6.15	µg/L	EPA 525.2	0.04	0.1			EUM
2020/21-1	Lab	LCS, rec	1/21/2021	Pesticide	Disulfoton	n/a	=	123	%	EPA 525.2	-88	-88	50	120	EUM
2020/21-1	Lab	LCS dup	1/21/2021	Pesticide	Disulfoton	n/a	=	6.22	µg/L	EPA 525.2	0.04	0.1			EUM
2020/21-1	Lab	LCS dup, rec	1/21/2021	Pesticide	Disulfoton	n/a	=	124	%	EPA 525.2	-88	-88	50	120	EUM
2020/21-1	Lab	LCS, RPD	1/21/2021	Pesticide	Disulfoton	n/a	=	1	%	EPA 525.2	-88	-88	0	30	EUM
2020/21-1	Lab	method blank	1/30/2021	Pesticide	Disulfoton	n/a	<	0.01	µg/L	EPA 625.1m	0.01	0.01			
2020/21-1	Lab	LCS	1/30/2021	Pesticide	Disulfoton	n/a	=	0.0332	µg/L	EPA 625.1m	0.01	0.01			
2020/21-1	Lab	LCS, rec	1/30/2021	Pesticide	Disulfoton	n/a	=	66	%	EPA 625.1m	-88	-88	26	169	
2020/21-1	Lab	LCS dup	1/30/2021	Pesticide	Disulfoton	n/a	=	0.0262	µg/L	EPA 625.1m	0.01	0.01			
2020/21-1	Lab	LCS dup, rec	1/30/2021	Pesticide	Disulfoton	n/a	=	52	%	EPA 625.1m	-88	-88	26	169	
2020/21-1	Lab	LCS, RPD	1/30/2021	Pesticide	Disulfoton	n/a	=	23	%	EPA 625.1m	-88	-88	0	30	
2020/21-1	ME-VR2	matrix spike	1/15/2021	Pesticide	Disulfoton	n/a	=	5.94	µg/L	EPA 525.2	0.04	0.1			
2020/21-1	ME-VR2	matrix spike, rec	1/15/2021	Pesticide	Disulfoton	n/a	=	119	%	EPA 525.2	-88	-88	50	120	
2020/21-1	ME-VR2	matrix spike dup	1/15/2021	Pesticide	Disulfoton	n/a	=	7.44	µg/L	EPA 525.2	0.04	0.1			GB
2020/21-1	ME-VR2	matrix spike dup, rec	1/15/2021	Pesticide	Disulfoton	n/a	=	149	%	EPA 525.2	-88	-88	50	120	GB
2020/21-1	ME-VR2	matrix spike, RPD	1/15/2021	Pesticide	Disulfoton	n/a	=	22	%	EPA 525.2	-88	-88	0	30	GB
2020/21-1	Lab	method blank	1/12/2021	Pesticide	Endosulfan I	n/a	<	0.0009	µg/L	EPA 608.3	0.0009	0.02			
2020/21-1	Lab	LCS	1/12/2021	Pesticide	Endosulfan I	n/a	=	0.0837	µg/L	EPA 608.3	0.0009	0.02			
2020/21-1	Lab	LCS, rec	1/12/2021	Pesticide	Endosulfan I	n/a	=	84	%	EPA 608.3	-88	-88	57	141	
2020/21-1	Lab	LCS dup	1/12/2021	Pesticide	Endosulfan I	n/a	=	0.0804	µg/L	EPA 608.3	0.0009	0.02			
2020/21-1	Lab	LCS dup, rec	1/12/2021	Pesticide	Endosulfan I	n/a	=	80	%	EPA 608.3	-88	-88	57	141	
2020/21-1	Lab	LCS, RPD	1/12/2021	Pesticide	Endosulfan I	n/a	=	4	%	EPA 608.3	-88	-88	0	30	
2020/21-1	Lab	method blank	1/13/2021	Pesticide	Endosulfan I	n/a	<	0.0009	µg/L	EPA 608.3	0.0009	0.02			
2020/21-1	Lab	LCS	1/14/2021	Pesticide	Endosulfan I	n/a	=	0.088	µg/L	EPA 608.3	0.0009	0.02			
2020/21-1	Lab	LCS, rec	1/14/2021	Pesticide	Endosulfan I	n/a	=	88	%	EPA 608.3	-88	-88	57	141	
2020/21-1	Lab	LCS dup	1/14/2021	Pesticide	Endosulfan I	n/a	=	0.0885	µg/L	EPA 608.3	0.0009	0.02			
2020/21-1	Lab	LCS dup, rec	1/14/2021	Pesticide	Endosulfan I	n/a	=	89	%	EPA 608.3	-88	-88	57	141	
2020/21-1	Lab	LCS, RPD	1/14/2021	Pesticide	Endosulfan I	n/a	=	0.6	%	EPA 608.3	-88	-88	0	30	
2020/21-1	Lab	method blank	1/12/2021	Pesticide	Endosulfan II	n/a	<	0.0007	µg/L	EPA 608.3	0.0007	0.01			
2020/21-1	Lab	LCS	1/12/2021	Pesticide	Endosulfan II	n/a	=	0.0913	µg/L	EPA 608.3	0.0007	0.01			
2020/21-1	Lab	LCS, rec	1/12/2021	Pesticide	Endosulfan II	n/a	=	91	%	EPA 608.3	-88	-88	22	171	
2020/21-1	Lab	LCS dup	1/12/2021	Pesticide	Endosulfan II	n/a	=	0.0878	µg/L	EPA 608.3	0.0007	0.01			
2020/21-1	Lab	LCS dup, rec	1/12/2021	Pesticide	Endosulfan II	n/a	=	88	%	EPA 608.3	-88	-88	22	171	
2020/21-1	Lab	LCS, RPD	1/12/2021	Pesticide	Endosulfan II	n/a	=	4	%	EPA 608.3	-88	-88	0	30	
2020/21-1	Lab	method blank	1/13/2021	Pesticide	Endosulfan II	n/a	<	0.0007	µg/L	EPA 608.3	0.0007	0.01			
2020/21-1	Lab	LCS	1/14/2021	Pesticide	Endosulfan II	n/a	=	0.103	µg/L	EPA 608.3	0.0007	0.01			
2020/21-1	Lab	LCS, rec	1/14/2021	Pesticide	Endosulfan II	n/a	=	103	%	EPA 608.3	-88	-88	22	171	
2020/21-1	Lab	LCS dup	1/14/2021	Pesticide	Endosulfan II	n/a	=	0.104	µg/L	EPA 608.3	0.0007	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	
2020/21-1	Lab	LCS dup. rec	1/14/2021	Pesticide	Endosulfan II	n/a	=	104	%	EPA 608.3	-88	-88	22	171	
2020/21-1	Lab	LCS, RPD	1/14/2021	Pesticide	Endosulfan II	n/a	=	0.8	%	EPA 608.3	-88	-88	0	30	
2020/21-1	Lab	method blank	1/12/2021	Pesticide	Endosulfan sulfate	n/a	<	0.0013	µg/L	EPA 608.3	0.0013	0.05			
2020/21-1	Lab	LCS	1/12/2021	Pesticide	Endosulfan sulfate	n/a	=	0.0861	µg/L	EPA 608.3	0.0013	0.05			
2020/21-1	Lab	LCS, rec	1/12/2021	Pesticide	Endosulfan sulfate	n/a	=	86	%	EPA 608.3	-88	-88	38	132	
2020/21-1	Lab	LCS dup	1/12/2021	Pesticide	Endosulfan sulfate	n/a	=	0.0917	µg/L	EPA 608.3	0.0013	0.05			
2020/21-1	Lab	LCS dup. rec	1/12/2021	Pesticide	Endosulfan sulfate	n/a	=	92	%	EPA 608.3	-88	-88	38	132	
2020/21-1	Lab	LCS, RPD	1/12/2021	Pesticide	Endosulfan sulfate	n/a	=	6	%	EPA 608.3	-88	-88	0	30	
2020/21-1	Lab	method blank	1/13/2021	Pesticide	Endosulfan sulfate	n/a	<	0.0013	µg/L	EPA 608.3	0.0013	0.05			
2020/21-1	Lab	LCS	1/14/2021	Pesticide	Endosulfan sulfate	n/a	=	0.11	µg/L	EPA 608.3	0.0013	0.05			
2020/21-1	Lab	LCS, rec	1/14/2021	Pesticide	Endosulfan sulfate	n/a	=	110	%	EPA 608.3	-88	-88	38	132	
2020/21-1	Lab	LCS dup	1/14/2021	Pesticide	Endosulfan sulfate	n/a	=	0.109	µg/L	EPA 608.3	0.0013	0.05			
2020/21-1	Lab	LCS dup. rec	1/14/2021	Pesticide	Endosulfan sulfate	n/a	=	109	%	EPA 608.3	-88	-88	38	132	
2020/21-1	Lab	LCS, RPD	1/14/2021	Pesticide	Endosulfan sulfate	n/a	=	0.9	%	EPA 608.3	-88	-88	0	30	
2020/21-1	Lab	method blank	1/12/2021	Pesticide	Endrin	n/a	<	0.0017	µg/L	EPA 608.3	0.0017	0.01			
2020/21-1	Lab	LCS	1/12/2021	Pesticide	Endrin	n/a	=	0.0961	µg/L	EPA 608.3	0.0017	0.01			
2020/21-1	Lab	LCS, rec	1/12/2021	Pesticide	Endrin	n/a	=	96	%	EPA 608.3	-88	-88	51	130	
2020/21-1	Lab	LCS dup	1/12/2021	Pesticide	Endrin	n/a	=	0.0955	µg/L	EPA 608.3	0.0017	0.01			
2020/21-1	Lab	LCS dup. rec	1/12/2021	Pesticide	Endrin	n/a	=	96	%	EPA 608.3	-88	-88	51	130	
2020/21-1	Lab	LCS, RPD	1/12/2021	Pesticide	Endrin	n/a	=	0.5	%	EPA 608.3	-88	-88	0	30	
2020/21-1	Lab	method blank	1/13/2021	Pesticide	Endrin	n/a	<	0.0017	µg/L	EPA 608.3	0.0017	0.01			
2020/21-1	Lab	LCS	1/14/2021	Pesticide	Endrin	n/a	=	0.114	µg/L	EPA 608.3	0.0017	0.01			
2020/21-1	Lab	LCS, rec	1/14/2021	Pesticide	Endrin	n/a	=	114	%	EPA 608.3	-88	-88	51	130	
2020/21-1	Lab	LCS dup	1/14/2021	Pesticide	Endrin	n/a	=	0.114	µg/L	EPA 608.3	0.0017	0.01			
2020/21-1	Lab	LCS dup. rec	1/14/2021	Pesticide	Endrin	n/a	=	114	%	EPA 608.3	-88	-88	51	130	
2020/21-1	Lab	LCS, RPD	1/14/2021	Pesticide	Endrin	n/a	=	0.03	%	EPA 608.3	-88	-88	0	30	
2020/21-1	Lab	method blank	1/12/2021	Pesticide	Endrin aldehyde	n/a	<	0.0019	µg/L	EPA 608.3	0.0019	0.01			
2020/21-1	Lab	LCS	1/12/2021	Pesticide	Endrin aldehyde	n/a	=	0.0987	µg/L	EPA 608.3	0.0019	0.01			
2020/21-1	Lab	LCS, rec	1/12/2021	Pesticide	Endrin aldehyde	n/a	=	99	%	EPA 608.3	-88	-88	18	130	
2020/21-1	Lab	LCS dup	1/12/2021	Pesticide	Endrin aldehyde	n/a	=	0.0981	µg/L	EPA 608.3	0.0019	0.01			
2020/21-1	Lab	LCS dup. rec	1/12/2021	Pesticide	Endrin aldehyde	n/a	=	98	%	EPA 608.3	-88	-88	18	130	
2020/21-1	Lab	LCS, RPD	1/12/2021	Pesticide	Endrin aldehyde	n/a	=	0.6	%	EPA 608.3	-88	-88	0	30	
2020/21-1	Lab	method blank	1/13/2021	Pesticide	Endrin aldehyde	n/a	<	0.0019	µg/L	EPA 608.3	0.0019	0.01			
2020/21-1	Lab	LCS	1/14/2021	Pesticide	Endrin aldehyde	n/a	=	0.111	µg/L	EPA 608.3	0.0019	0.01			
2020/21-1	Lab	LCS, rec	1/14/2021	Pesticide	Endrin aldehyde	n/a	=	111	%	EPA 608.3	-88	-88	18	130	
2020/21-1	Lab	LCS dup	1/14/2021	Pesticide	Endrin aldehyde	n/a	=	0.116	µg/L	EPA 608.3	0.0019	0.01			
2020/21-1	Lab	LCS dup. rec	1/14/2021	Pesticide	Endrin aldehyde	n/a	=	116	%	EPA 608.3	-88	-88	18	130	
2020/21-1	Lab	LCS, RPD	1/14/2021	Pesticide	Endrin aldehyde	n/a	=	4	%	EPA 608.3	-88	-88	0	30	
2020/21-1	Lab	LCS	1/15/2021	Pesticide	EPTC	n/a	=	5.73	µg/L	EPA 525.2	0.02	0.1			
2020/21-1	Lab	LCS, rec	1/15/2021	Pesticide	EPTC	n/a	=	115	%	EPA 525.2	-88	-88	70	130	
2020/21-1	Lab	LCS dup	1/15/2021	Pesticide	EPTC	n/a	=	5.91	µg/L	EPA 525.2	0.02	0.1			
2020/21-1	Lab	LCS dup. rec	1/15/2021	Pesticide	EPTC	n/a	=	118	%	EPA 525.2	-88	-88	70	130	
2020/21-1	Lab	LCS, RPD	1/15/2021	Pesticide	EPTC	n/a	=	3	%	EPA 525.2	-88	-88	0	30	
2020/21-1	Lab	method blank	1/15/2021	Pesticide	EPTC	n/a	<	0.02	µg/L	EPA 525.2	0.02	0.1			
2020/21-1	Lab	method blank	1/21/2021	Pesticide	EPTC	n/a	<	0.02	µg/L	EPA 525.2	0.02	0.1			
2020/21-1	Lab	LCS	1/21/2021	Pesticide	EPTC	n/a	=	5.27	µg/L	EPA 525.2	0.02	0.1			
2020/21-1	Lab	LCS, rec	1/21/2021	Pesticide	EPTC	n/a	=	105	%	EPA 525.2	-88	-88	70	130	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2020/21-1	Lab	LCS dup	1/21/2021	Pesticide	EPTC	n/a	=	5.57	µg/L	EPA 525.2	0.02	0.1			
2020/21-1	Lab	LCS dup, rec	1/21/2021	Pesticide	EPTC	n/a	=	111	%	EPA 525.2	-88	-88	70	130	
2020/21-1	Lab	LCS, RPD	1/21/2021	Pesticide	EPTC	n/a	=	6	%	EPA 525.2	-88	-88	0	30	
2020/21-1	ME-VR2	matrix spike	1/15/2021	Pesticide	EPTC	n/a	=	5.68	µg/L	EPA 525.2	0.02	0.1			
2020/21-1	ME-VR2	matrix spike, rec	1/15/2021	Pesticide	EPTC	n/a	=	114	%	EPA 525.2	-88	-88	70	130	
2020/21-1	ME-VR2	matrix spike dup	1/15/2021	Pesticide	EPTC	n/a	=	5.88	µg/L	EPA 525.2	0.02	0.1			
2020/21-1	ME-VR2	matrix spike dup, rec	1/15/2021	Pesticide	EPTC	n/a	=	118	%	EPA 525.2	-88	-88	70	130	
2020/21-1	ME-VR2	matrix spike, RPD	1/15/2021	Pesticide	EPTC	n/a	=	3	%	EPA 525.2	-88	-88	0	30	
2020/21-1	Lab	method blank	1/19/2021	Pesticide	Ethoprop	n/a	<	0.0067	µg/L	EPA 625.1m	0.0067	0.01			
2020/21-1	Lab	LCS	1/19/2021	Pesticide	Ethoprop	n/a	=	0.0385	µg/L	EPA 625.1m	0.0067	0.01			
2020/21-1	Lab	LCS, rec	1/19/2021	Pesticide	Ethoprop	n/a	=	77	%	EPA 625.1m	-88	-88	50	150	
2020/21-1	Lab	LCS dup	1/19/2021	Pesticide	Ethoprop	n/a	=	0.0316	µg/L	EPA 625.1m	0.0067	0.01			
2020/21-1	Lab	LCS dup, rec	1/19/2021	Pesticide	Ethoprop	n/a	=	63	%	EPA 625.1m	-88	-88	50	150	
2020/21-1	Lab	LCS, RPD	1/19/2021	Pesticide	Ethoprop	n/a	=	20	%	EPA 625.1m	-88	-88	0	30	
2020/21-1	Lab	method blank	1/30/2021	Pesticide	Ethoprop	n/a	<	0.0067	µg/L	EPA 625.1m	0.0067	0.01			
2020/21-1	Lab	LCS	1/30/2021	Pesticide	Ethoprop	n/a	=	0.0369	µg/L	EPA 625.1m	0.0067	0.01			
2020/21-1	Lab	LCS, rec	1/30/2021	Pesticide	Ethoprop	n/a	=	74	%	EPA 625.1m	-88	-88	50	150	
2020/21-1	Lab	LCS dup	1/30/2021	Pesticide	Ethoprop	n/a	=	0.0308	µg/L	EPA 625.1m	0.0067	0.01			
2020/21-1	Lab	LCS dup, rec	1/30/2021	Pesticide	Ethoprop	n/a	=	62	%	EPA 625.1m	-88	-88	50	150	
2020/21-1	Lab	LCS, RPD	1/30/2021	Pesticide	Ethoprop	n/a	=	18	%	EPA 625.1m	-88	-88	0	30	
2020/21-1	Lab	method blank	1/19/2021	Pesticide	Ethyl parathion	n/a	<	0.0054	µg/L	EPA 625.1m	0.0054	0.01			
2020/21-1	Lab	LCS	1/19/2021	Pesticide	Ethyl parathion	n/a	=	0.0432	µg/L	EPA 625.1m	0.0054	0.01			
2020/21-1	Lab	LCS, rec	1/19/2021	Pesticide	Ethyl parathion	n/a	=	86	%	EPA 625.1m	-88	-88	9	216	
2020/21-1	Lab	LCS dup	1/19/2021	Pesticide	Ethyl parathion	n/a	=	0.0312	µg/L	EPA 625.1m	0.0054	0.01			
2020/21-1	Lab	LCS dup, rec	1/19/2021	Pesticide	Ethyl parathion	n/a	=	62	%	EPA 625.1m	-88	-88	9	216	
2020/21-1	Lab	LCS, RPD	1/19/2021	Pesticide	Ethyl parathion	n/a	=	32	%	EPA 625.1m	-88	-88	0	30	IL
2020/21-1	Lab	method blank	1/30/2021	Pesticide	Ethyl parathion	n/a	<	0.0054	µg/L	EPA 625.1m	0.0054	0.01			
2020/21-1	Lab	LCS	1/30/2021	Pesticide	Ethyl parathion	n/a	=	0.0419	µg/L	EPA 625.1m	0.0054	0.01			
2020/21-1	Lab	LCS, rec	1/30/2021	Pesticide	Ethyl parathion	n/a	=	84	%	EPA 625.1m	-88	-88	9	216	
2020/21-1	Lab	LCS dup	1/30/2021	Pesticide	Ethyl parathion	n/a	=	0.0347	µg/L	EPA 625.1m	0.0054	0.01			
2020/21-1	Lab	LCS dup, rec	1/30/2021	Pesticide	Ethyl parathion	n/a	=	69	%	EPA 625.1m	-88	-88	9	216	
2020/21-1	Lab	LCS, RPD	1/30/2021	Pesticide	Ethyl parathion	n/a	=	19	%	EPA 625.1m	-88	-88	0	30	
2020/21-1	Lab	method blank	1/19/2021	Pesticide	Fensulfothion	n/a	<	0.0029	µg/L	EPA 625.1m	0.0029	0.01			
2020/21-1	Lab	LCS	1/19/2021	Pesticide	Fensulfothion	n/a	=	0.0568	µg/L	EPA 625.1m	0.0029	0.01			
2020/21-1	Lab	LCS, rec	1/19/2021	Pesticide	Fensulfothion	n/a	=	114	%	EPA 625.1m	-88	-88	0.1	249	
2020/21-1	Lab	LCS dup	1/19/2021	Pesticide	Fensulfothion	n/a	=	0.0681	µg/L	EPA 625.1m	0.0029	0.01			
2020/21-1	Lab	LCS dup, rec	1/19/2021	Pesticide	Fensulfothion	n/a	=	136	%	EPA 625.1m	-88	-88	0.1	249	
2020/21-1	Lab	LCS, RPD	1/19/2021	Pesticide	Fensulfothion	n/a	=	18	%	EPA 625.1m	-88	-88	0	30	
2020/21-1	Lab	method blank	1/30/2021	Pesticide	Fensulfothion	n/a	<	0.0029	µg/L	EPA 625.1m	0.0029	0.01			
2020/21-1	Lab	LCS	1/30/2021	Pesticide	Fensulfothion	n/a	=	0.054	µg/L	EPA 625.1m	0.0029	0.01			
2020/21-1	Lab	LCS, rec	1/30/2021	Pesticide	Fensulfothion	n/a	=	108	%	EPA 625.1m	-88	-88	0.1	249	
2020/21-1	Lab	LCS dup	1/30/2021	Pesticide	Fensulfothion	n/a	=	0.054	µg/L	EPA 625.1m	0.0029	0.01			
2020/21-1	Lab	LCS dup, rec	1/30/2021	Pesticide	Fensulfothion	n/a	=	108	%	EPA 625.1m	-88	-88	0.1	249	
2020/21-1	Lab	LCS, RPD	1/30/2021	Pesticide	Fensulfothion	n/a	=	0.06	%	EPA 625.1m	-88	-88	0	30	
2020/21-1	Lab	method blank	1/19/2021	Pesticide	Fenthion	n/a	<	0.0038	µg/L	EPA 625.1m	0.0038	0.01			
2020/21-1	Lab	LCS	1/19/2021	Pesticide	Fenthion	n/a	=	0.038	µg/L	EPA 625.1m	0.0038	0.01			
2020/21-1	Lab	LCS, rec	1/19/2021	Pesticide	Fenthion	n/a	=	76	%	EPA 625.1m	-88	-88	37	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	
2020/21-1	Lab	LCS dup	1/19/2021	Pesticide	Fenthion	n/a	=	0.0295	µg/L	EPA 625.1m	0.0038	0.01			
2020/21-1	Lab	LCS dup, rec	1/19/2021	Pesticide	Fenthion	n/a	=	59	%	EPA 625.1m	-88	-88	37	154	
2020/21-1	Lab	LCS, RPD	1/19/2021	Pesticide	Fenthion	n/a	=	25	%	EPA 625.1m	-88	-88	0	30	
2020/21-1	Lab	method blank	1/30/2021	Pesticide	Fenthion	n/a	<	0.0038	µg/L	EPA 625.1m	0.0038	0.01			
2020/21-1	Lab	LCS	1/30/2021	Pesticide	Fenthion	n/a	=	0.0384	µg/L	EPA 625.1m	0.0038	0.01			
2020/21-1	Lab	LCS, rec	1/30/2021	Pesticide	Fenthion	n/a	=	77	%	EPA 625.1m	-88	-88	37	154	
2020/21-1	Lab	LCS dup	1/30/2021	Pesticide	Fenthion	n/a	=	0.0311	µg/L	EPA 625.1m	0.0038	0.01			
2020/21-1	Lab	LCS dup, rec	1/30/2021	Pesticide	Fenthion	n/a	=	62	%	EPA 625.1m	-88	-88	37	154	
2020/21-1	Lab	LCS, RPD	1/30/2021	Pesticide	Fenthion	n/a	=	21	%	EPA 625.1m	-88	-88	0	30	
2020/21-1	Lab	method blank	1/12/2021	Pesticide	gamma-BHC (Lindane)	n/a	<	0.0004	µg/L	EPA 608.3	0.0004	0.02			
2020/21-1	Lab	LCS	1/12/2021	Pesticide	gamma-BHC (Lindane)	n/a	=	0.111	µg/L	EPA 608.3	0.0004	0.02			
2020/21-1	Lab	LCS, rec	1/12/2021	Pesticide	gamma-BHC (Lindane)	n/a	=	111	%	EPA 608.3	-88	-88	43	130	
2020/21-1	Lab	LCS dup	1/12/2021	Pesticide	gamma-BHC (Lindane)	n/a	=	0.111	µg/L	EPA 608.3	0.0004	0.02			
2020/21-1	Lab	LCS dup, rec	1/12/2021	Pesticide	gamma-BHC (Lindane)	n/a	=	111	%	EPA 608.3	-88	-88	43	130	
2020/21-1	Lab	LCS, RPD	1/12/2021	Pesticide	gamma-BHC (Lindane)	n/a	=	0.6	%	EPA 608.3	-88	-88	0	30	
2020/21-1	Lab	method blank	1/13/2021	Pesticide	gamma-BHC (Lindane)	n/a	<	0.0004	µg/L	EPA 608.3	0.0004	0.02			
2020/21-1	Lab	LCS	1/14/2021	Pesticide	gamma-BHC (Lindane)	n/a	=	0.115	µg/L	EPA 608.3	0.0004	0.02			
2020/21-1	Lab	LCS, rec	1/14/2021	Pesticide	gamma-BHC (Lindane)	n/a	=	115	%	EPA 608.3	-88	-88	43	130	
2020/21-1	Lab	LCS dup	1/14/2021	Pesticide	gamma-BHC (Lindane)	n/a	=	0.116	µg/L	EPA 608.3	0.0004	0.02			
2020/21-1	Lab	LCS dup, rec	1/14/2021	Pesticide	gamma-BHC (Lindane)	n/a	=	116	%	EPA 608.3	-88	-88	43	130	
2020/21-1	Lab	LCS, RPD	1/14/2021	Pesticide	gamma-BHC (Lindane)	n/a	=	0.8	%	EPA 608.3	-88	-88	0	30	
2020/21-1	Lab	method blank	1/12/2021	Pesticide	gamma-Chlordane	n/a	<	0.0023	µg/L	EPA 608.3	0.0023	0.01			
2020/21-1	Lab	method blank	1/13/2021	Pesticide	gamma-Chlordane	n/a	<	0.0023	µg/L	EPA 608.3	0.0023	0.01			
2020/21-1	000NONPJ	matrix spike	12/29/2020	Pesticide	Glyphosate	n/a	=	24	µg/L	EPA 547	1.8	5			
2020/21-1	000NONPJ	matrix spike, rec	12/29/2020	Pesticide	Glyphosate	n/a	=	96	%	EPA 547	-88	-88	41	149	
2020/21-1	000NONPJ	matrix spike dup	12/29/2020	Pesticide	Glyphosate	n/a	=	23.6	µg/L	EPA 547	1.8	5			
2020/21-1	000NONPJ	matrix spike dup, rec	12/29/2020	Pesticide	Glyphosate	n/a	=	94	%	EPA 547	-88	-88	41	149	
2020/21-1	000NONPJ	matrix spike, RPD	12/29/2020	Pesticide	Glyphosate	n/a	=	2	%	EPA 547	-88	-88	0	30	
2020/21-1	000NONPJ	matrix spike	12/30/2020	Pesticide	Glyphosate	n/a	=	21.9	µg/L	EPA 547	1.8	5			
2020/21-1	000NONPJ	matrix spike, rec	12/30/2020	Pesticide	Glyphosate	n/a	=	88	%	EPA 547	-88	-88	41	149	
2020/21-1	000NONPJ	matrix spike dup	12/30/2020	Pesticide	Glyphosate	n/a	=	25.2	µg/L	EPA 547	1.8	5			
2020/21-1	000NONPJ	matrix spike dup, rec	12/30/2020	Pesticide	Glyphosate	n/a	=	101	%	EPA 547	-88	-88	41	149	
2020/21-1	000NONPJ	matrix spike, RPD	12/30/2020	Pesticide	Glyphosate	n/a	=	14	%	EPA 547	-88	-88	0	30	
2020/21-1	000NONPJ	matrix spike	12/30/2020	Pesticide	Glyphosate	n/a	=	22.2	µg/L	EPA 547	1.8	5			
2020/21-1	000NONPJ	matrix spike, rec	12/30/2020	Pesticide	Glyphosate	n/a	=	89	%	EPA 547	-88	-88	41	149	
2020/21-1	000NONPJ	matrix spike dup	12/30/2020	Pesticide	Glyphosate	n/a	=	24.1	µg/L	EPA 547	1.8	5			
2020/21-1	000NONPJ	matrix spike dup, rec	12/30/2020	Pesticide	Glyphosate	n/a	=	96	%	EPA 547	-88	-88	41	149	
2020/21-1	000NONPJ	matrix spike, RPD	12/30/2020	Pesticide	Glyphosate	n/a	=	8	%	EPA 547	-88	-88	0	30	
2020/21-1	Lab	method blank	12/29/2020	Pesticide	Glyphosate	n/a	<	1.8	µg/L	EPA 547	1.8	5			
2020/21-1	Lab	LCS	12/29/2020	Pesticide	Glyphosate	n/a	=	24.1	µg/L	EPA 547	1.8	5			
2020/21-1	Lab	LCS, rec	12/29/2020	Pesticide	Glyphosate	n/a	=	96	%	EPA 547	-88	-88	70	130	
2020/21-1	Lab	method blank	12/30/2020	Pesticide	Glyphosate	n/a	<	1.8	µg/L	EPA 547	1.8	5			
2020/21-1	Lab	LCS	12/30/2020	Pesticide	Glyphosate	n/a	=	23.2	µg/L	EPA 547	1.8	5			
2020/21-1	Lab	LCS, rec	12/30/2020	Pesticide	Glyphosate	n/a	=	93	%	EPA 547	-88	-88	70	130	
2020/21-1	ME-CC	matrix spike	12/30/2020	Pesticide	Glyphosate	n/a	=	27.9	µg/L	EPA 547	1.8	5			
2020/21-1	ME-CC	matrix spike, rec	12/30/2020	Pesticide	Glyphosate	n/a	=	98	%	EPA 547	-88	-88	41	149	
2020/21-1	ME-CC	matrix spike dup	12/30/2020	Pesticide	Glyphosate	n/a	=	26.5	µg/L	EPA 547	1.8	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	
2020/21-1	ME-CC	matrix spike dup. rec	12/30/2020	Pesticide	Glyphosate	n/a	=	92	%	EPA 547	-88	-88	41	149	
2020/21-1	ME-CC	matrix spike, RPD	12/30/2020	Pesticide	Glyphosate	n/a	=	5	%	EPA 547	-88	-88	0	30	
2020/21-1	Lab	method blank	1/12/2021	Pesticide	Heptachlor	n/a	<	0.0006	µg/L	EPA 608.3	0.0006	0.01			
2020/21-1	Lab	LCS	1/12/2021	Pesticide	Heptachlor	n/a	=	0.101	µg/L	EPA 608.3	0.0006	0.01			
2020/21-1	Lab	LCS, rec	1/12/2021	Pesticide	Heptachlor	n/a	=	101	%	EPA 608.3	-88	-88	43	130	
2020/21-1	Lab	LCS dup	1/12/2021	Pesticide	Heptachlor	n/a	=	0.102	µg/L	EPA 608.3	0.0006	0.01			
2020/21-1	Lab	LCS dup, rec	1/12/2021	Pesticide	Heptachlor	n/a	=	102	%	EPA 608.3	-88	-88	43	130	
2020/21-1	Lab	LCS, RPD	1/12/2021	Pesticide	Heptachlor	n/a	=	1	%	EPA 608.3	-88	-88	0	30	
2020/21-1	Lab	method blank	1/13/2021	Pesticide	Heptachlor	n/a	<	0.0006	µg/L	EPA 608.3	0.0006	0.01			
2020/21-1	Lab	LCS	1/14/2021	Pesticide	Heptachlor	n/a	=	0.116	µg/L	EPA 608.3	0.0006	0.01			
2020/21-1	Lab	LCS, rec	1/14/2021	Pesticide	Heptachlor	n/a	=	116	%	EPA 608.3	-88	-88	43	130	
2020/21-1	Lab	LCS dup	1/14/2021	Pesticide	Heptachlor	n/a	=	0.116	µg/L	EPA 608.3	0.0006	0.01			
2020/21-1	Lab	LCS dup, rec	1/14/2021	Pesticide	Heptachlor	n/a	=	116	%	EPA 608.3	-88	-88	43	130	
2020/21-1	Lab	LCS, RPD	1/14/2021	Pesticide	Heptachlor	n/a	=	0.7	%	EPA 608.3	-88	-88	0	30	
2020/21-1	Lab	method blank	1/12/2021	Pesticide	Heptachlor epoxide	n/a	<	0.0004	µg/L	EPA 608.3	0.0004	0.01			
2020/21-1	Lab	LCS	1/12/2021	Pesticide	Heptachlor epoxide	n/a	=	0.106	µg/L	EPA 608.3	0.0004	0.01			
2020/21-1	Lab	LCS, rec	1/12/2021	Pesticide	Heptachlor epoxide	n/a	=	106	%	EPA 608.3	-88	-88	57	132	
2020/21-1	Lab	LCS dup	1/12/2021	Pesticide	Heptachlor epoxide	n/a	=	0.103	µg/L	EPA 608.3	0.0004	0.01			
2020/21-1	Lab	LCS dup, rec	1/12/2021	Pesticide	Heptachlor epoxide	n/a	=	103	%	EPA 608.3	-88	-88	57	132	
2020/21-1	Lab	LCS, RPD	1/12/2021	Pesticide	Heptachlor epoxide	n/a	=	3	%	EPA 608.3	-88	-88	0	30	
2020/21-1	Lab	method blank	1/13/2021	Pesticide	Heptachlor epoxide	n/a	<	0.0004	µg/L	EPA 608.3	0.0004	0.01			
2020/21-1	Lab	LCS	1/14/2021	Pesticide	Heptachlor epoxide	n/a	=	0.108	µg/L	EPA 608.3	0.0004	0.01			
2020/21-1	Lab	LCS, rec	1/14/2021	Pesticide	Heptachlor epoxide	n/a	=	108	%	EPA 608.3	-88	-88	57	132	
2020/21-1	Lab	LCS dup	1/14/2021	Pesticide	Heptachlor epoxide	n/a	=	0.112	µg/L	EPA 608.3	0.0004	0.01			
2020/21-1	Lab	LCS dup, rec	1/14/2021	Pesticide	Heptachlor epoxide	n/a	=	112	%	EPA 608.3	-88	-88	57	132	
2020/21-1	Lab	LCS, RPD	1/14/2021	Pesticide	Heptachlor epoxide	n/a	=	4	%	EPA 608.3	-88	-88	0	30	
2020/21-1	Lab	method blank	1/19/2021	Pesticide	Malathion	n/a	<	0.0076	µg/L	EPA 625.1m	0.0076	0.01			
2020/21-1	Lab	LCS	1/19/2021	Pesticide	Malathion	n/a	=	0.0428	µg/L	EPA 625.1m	0.0076	0.01			
2020/21-1	Lab	LCS, rec	1/19/2021	Pesticide	Malathion	n/a	=	86	%	EPA 625.1m	-88	-88	50	150	
2020/21-1	Lab	LCS dup	1/19/2021	Pesticide	Malathion	n/a	=	0.0344	µg/L	EPA 625.1m	0.0076	0.01			
2020/21-1	Lab	LCS dup, rec	1/19/2021	Pesticide	Malathion	n/a	=	69	%	EPA 625.1m	-88	-88	50	150	
2020/21-1	Lab	LCS, RPD	1/19/2021	Pesticide	Malathion	n/a	=	22	%	EPA 625.1m	-88	-88	0	25	
2020/21-1	Lab	method blank	1/30/2021	Pesticide	Malathion	n/a	<	0.0076	µg/L	EPA 625.1m	0.0076	0.01			
2020/21-1	Lab	LCS	1/30/2021	Pesticide	Malathion	n/a	=	0.0465	µg/L	EPA 625.1m	0.0076	0.01			
2020/21-1	Lab	LCS, rec	1/30/2021	Pesticide	Malathion	n/a	=	93	%	EPA 625.1m	-88	-88	50	150	
2020/21-1	Lab	LCS dup	1/30/2021	Pesticide	Malathion	n/a	=	0.0387	µg/L	EPA 625.1m	0.0076	0.01			
2020/21-1	Lab	LCS dup, rec	1/30/2021	Pesticide	Malathion	n/a	=	77	%	EPA 625.1m	-88	-88	50	150	
2020/21-1	Lab	LCS, RPD	1/30/2021	Pesticide	Malathion	n/a	=	18	%	EPA 625.1m	-88	-88	0	25	
2020/21-1	Lab	method blank	1/19/2021	Pesticide	Merphos	n/a	<	0.0058	µg/L	EPA 625.1m	0.0058	0.01			
2020/21-1	Lab	LCS	1/19/2021	Pesticide	Merphos	n/a	=	0.0413	µg/L	EPA 625.1m	0.0058	0.01			
2020/21-1	Lab	LCS, rec	1/19/2021	Pesticide	Merphos	n/a	=	83	%	EPA 625.1m	-88	-88	16	175	
2020/21-1	Lab	LCS dup	1/19/2021	Pesticide	Merphos	n/a	=	0.039	µg/L	EPA 625.1m	0.0058	0.01			
2020/21-1	Lab	LCS dup, rec	1/19/2021	Pesticide	Merphos	n/a	=	78	%	EPA 625.1m	-88	-88	16	175	
2020/21-1	Lab	LCS, RPD	1/19/2021	Pesticide	Merphos	n/a	=	6	%	EPA 625.1m	-88	-88	0	30	
2020/21-1	Lab	method blank	1/30/2021	Pesticide	Merphos	n/a	<	0.0058	µg/L	EPA 625.1m	0.0058	0.01			
2020/21-1	Lab	LCS	1/30/2021	Pesticide	Merphos	n/a	=	0.0402	µg/L	EPA 625.1m	0.0058	0.01			
2020/21-1	Lab	LCS, rec	1/30/2021	Pesticide	Merphos	n/a	=	80	%	EPA 625.1m	-88	-88	16	175	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2020/21-1	Lab	LCS dup	1/30/2021	Pesticide	Merphos	n/a	=	0.0344	µg/L	EPA 625.1m	0.0058	0.01			
2020/21-1	Lab	LCS dup, rec	1/30/2021	Pesticide	Merphos	n/a	=	69	%	EPA 625.1m	-88	-88	16	175	
2020/21-1	Lab	LCS, RPD	1/30/2021	Pesticide	Merphos	n/a	=	15	%	EPA 625.1m	-88	-88	0	30	
2020/21-1	Lab	method blank	1/19/2021	Pesticide	Methyl parathion	n/a	<	0.0063	µg/L	EPA 625.1m	0.0063	0.01			
2020/21-1	Lab	LCS	1/19/2021	Pesticide	Methyl parathion	n/a	=	0.039	µg/L	EPA 625.1m	0.0063	0.01			
2020/21-1	Lab	LCS, rec	1/19/2021	Pesticide	Methyl parathion	n/a	=	78	%	EPA 625.1m	-88	-88	3	224	
2020/21-1	Lab	LCS dup	1/19/2021	Pesticide	Methyl parathion	n/a	=	0.0314	µg/L	EPA 625.1m	0.0063	0.01			
2020/21-1	Lab	LCS dup, rec	1/19/2021	Pesticide	Methyl parathion	n/a	=	63	%	EPA 625.1m	-88	-88	3	224	
2020/21-1	Lab	LCS, RPD	1/19/2021	Pesticide	Methyl parathion	n/a	=	22	%	EPA 625.1m	-88	-88	0	30	
2020/21-1	Lab	method blank	1/30/2021	Pesticide	Methyl parathion	n/a	<	0.0063	µg/L	EPA 625.1m	0.0063	0.01			
2020/21-1	Lab	LCS	1/30/2021	Pesticide	Methyl parathion	n/a	=	0.0408	µg/L	EPA 625.1m	0.0063	0.01			
2020/21-1	Lab	LCS, rec	1/30/2021	Pesticide	Methyl parathion	n/a	=	82	%	EPA 625.1m	-88	-88	3	224	
2020/21-1	Lab	LCS dup	1/30/2021	Pesticide	Methyl parathion	n/a	=	0.0367	µg/L	EPA 625.1m	0.0063	0.01			
2020/21-1	Lab	LCS dup, rec	1/30/2021	Pesticide	Methyl parathion	n/a	=	73	%	EPA 625.1m	-88	-88	3	224	
2020/21-1	Lab	LCS, RPD	1/30/2021	Pesticide	Methyl parathion	n/a	=	11	%	EPA 625.1m	-88	-88	0	30	
2020/21-1	Lab	LCS	1/15/2021	Pesticide	Metolachlor	n/a	=	5.5	µg/L	EPA 525.2	0.03	0.1			
2020/21-1	Lab	LCS, rec	1/15/2021	Pesticide	Metolachlor	n/a	=	110	%	EPA 525.2	-88	-88	60	130	
2020/21-1	Lab	LCS dup	1/15/2021	Pesticide	Metolachlor	n/a	=	5.73	µg/L	EPA 525.2	0.03	0.1			
2020/21-1	Lab	LCS dup, rec	1/15/2021	Pesticide	Metolachlor	n/a	=	115	%	EPA 525.2	-88	-88	60	130	
2020/21-1	Lab	LCS, RPD	1/15/2021	Pesticide	Metolachlor	n/a	=	4	%	EPA 525.2	-88	-88	0	30	
2020/21-1	Lab	method blank	1/15/2021	Pesticide	Metolachlor	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1			
2020/21-1	Lab	method blank	1/21/2021	Pesticide	Metolachlor	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1			
2020/21-1	Lab	LCS	1/21/2021	Pesticide	Metolachlor	n/a	=	5.58	µg/L	EPA 525.2	0.03	0.1			
2020/21-1	Lab	LCS, rec	1/21/2021	Pesticide	Metolachlor	n/a	=	112	%	EPA 525.2	-88	-88	60	130	
2020/21-1	Lab	LCS dup	1/21/2021	Pesticide	Metolachlor	n/a	=	5.74	µg/L	EPA 525.2	0.03	0.1			
2020/21-1	Lab	LCS dup, rec	1/21/2021	Pesticide	Metolachlor	n/a	=	115	%	EPA 525.2	-88	-88	60	130	
2020/21-1	Lab	LCS, RPD	1/21/2021	Pesticide	Metolachlor	n/a	=	3	%	EPA 525.2	-88	-88	0	30	
2020/21-1	ME-VR2	matrix spike	1/15/2021	Pesticide	Metolachlor	n/a	=	6.02	µg/L	EPA 525.2	0.03	0.1			
2020/21-1	ME-VR2	matrix spike, rec	1/15/2021	Pesticide	Metolachlor	n/a	=	120	%	EPA 525.2	-88	-88	60	130	
2020/21-1	ME-VR2	matrix spike dup	1/15/2021	Pesticide	Metolachlor	n/a	=	5.76	µg/L	EPA 525.2	0.03	0.1			
2020/21-1	ME-VR2	matrix spike dup, rec	1/15/2021	Pesticide	Metolachlor	n/a	=	115	%	EPA 525.2	-88	-88	60	130	
2020/21-1	ME-VR2	matrix spike, RPD	1/15/2021	Pesticide	Metolachlor	n/a	=	4	%	EPA 525.2	-88	-88	0	30	
2020/21-1	Lab	LCS	1/15/2021	Pesticide	Metribuzin	n/a	=	4.86	µg/L	EPA 525.2	0.03	0.1			
2020/21-1	Lab	LCS, rec	1/15/2021	Pesticide	Metribuzin	n/a	=	97	%	EPA 525.2	-88	-88	50	120	
2020/21-1	Lab	LCS dup	1/15/2021	Pesticide	Metribuzin	n/a	=	4.92	µg/L	EPA 525.2	0.03	0.1			
2020/21-1	Lab	LCS dup, rec	1/15/2021	Pesticide	Metribuzin	n/a	=	98	%	EPA 525.2	-88	-88	50	120	
2020/21-1	Lab	LCS, RPD	1/15/2021	Pesticide	Metribuzin	n/a	=	1	%	EPA 525.2	-88	-88	0	30	
2020/21-1	Lab	method blank	1/15/2021	Pesticide	Metribuzin	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1			
2020/21-1	Lab	method blank	1/21/2021	Pesticide	Metribuzin	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1			
2020/21-1	Lab	LCS	1/21/2021	Pesticide	Metribuzin	n/a	=	4.61	µg/L	EPA 525.2	0.03	0.1			
2020/21-1	Lab	LCS, rec	1/21/2021	Pesticide	Metribuzin	n/a	=	92	%	EPA 525.2	-88	-88	50	120	
2020/21-1	Lab	LCS dup	1/21/2021	Pesticide	Metribuzin	n/a	=	4.78	µg/L	EPA 525.2	0.03	0.1			
2020/21-1	Lab	LCS dup, rec	1/21/2021	Pesticide	Metribuzin	n/a	=	96	%	EPA 525.2	-88	-88	50	120	
2020/21-1	Lab	LCS, RPD	1/21/2021	Pesticide	Metribuzin	n/a	=	4	%	EPA 525.2	-88	-88	0	30	
2020/21-1	ME-VR2	matrix spike	1/15/2021	Pesticide	Metribuzin	n/a	=	4.22	µg/L	EPA 525.2	0.03	0.1			
2020/21-1	ME-VR2	matrix spike, rec	1/15/2021	Pesticide	Metribuzin	n/a	=	84	%	EPA 525.2	-88	-88	50	120	
2020/21-1	ME-VR2	matrix spike dup	1/15/2021	Pesticide	Metribuzin	n/a	=	4.59	µg/L	EPA 525.2	0.03	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	
2020/21-1	ME-VR2	matrix spike dup, rec	1/15/2021	Pesticide	Metribuzin	n/a	=	92	%	EPA 525.2	-88	-88	50	120	
2020/21-1	ME-VR2	matrix spike, RPD	1/15/2021	Pesticide	Metribuzin	n/a	=	8	%	EPA 525.2	-88	-88	0	30	
2020/21-1	Lab	method blank	1/19/2021	Pesticide	Mevinphos	n/a	<	0.0042	µg/L	EPA 625.1m	0.0042	0.01			
2020/21-1	Lab	LCS	1/19/2021	Pesticide	Mevinphos	n/a	=	0.0357	µg/L	EPA 625.1m	0.0042	0.01			
2020/21-1	Lab	LCS, rec	1/19/2021	Pesticide	Mevinphos	n/a	=	71	%	EPA 625.1m	-88	-88	8	186	
2020/21-1	Lab	LCS dup	1/19/2021	Pesticide	Mevinphos	n/a	=	0.0369	µg/L	EPA 625.1m	0.0042	0.01			
2020/21-1	Lab	LCS dup, rec	1/19/2021	Pesticide	Mevinphos	n/a	=	74	%	EPA 625.1m	-88	-88	8	186	
2020/21-1	Lab	LCS, RPD	1/19/2021	Pesticide	Mevinphos	n/a	=	3	%	EPA 625.1m	-88	-88	0	30	
2020/21-1	Lab	method blank	1/30/2021	Pesticide	Mevinphos	n/a	<	0.0042	µg/L	EPA 625.1m	0.0042	0.01			
2020/21-1	Lab	LCS	1/30/2021	Pesticide	Mevinphos	n/a	=	0.0365	µg/L	EPA 625.1m	0.0042	0.01			
2020/21-1	Lab	LCS, rec	1/30/2021	Pesticide	Mevinphos	n/a	=	73	%	EPA 625.1m	-88	-88	8	186	
2020/21-1	Lab	LCS dup	1/30/2021	Pesticide	Mevinphos	n/a	=	0.0356	µg/L	EPA 625.1m	0.0042	0.01			
2020/21-1	Lab	LCS dup, rec	1/30/2021	Pesticide	Mevinphos	n/a	=	71	%	EPA 625.1m	-88	-88	8	186	
2020/21-1	Lab	LCS, RPD	1/30/2021	Pesticide	Mevinphos	n/a	=	3	%	EPA 625.1m	-88	-88	0	30	
2020/21-1	Lab	LCS	1/15/2021	Pesticide	Molinate	n/a	=	5.88	µg/L	EPA 525.2	0.03	0.1			
2020/21-1	Lab	LCS, rec	1/15/2021	Pesticide	Molinate	n/a	=	118	%	EPA 525.2	-88	-88	70	130	
2020/21-1	Lab	LCS dup	1/15/2021	Pesticide	Molinate	n/a	=	6.05	µg/L	EPA 525.2	0.03	0.1			
2020/21-1	Lab	LCS dup, rec	1/15/2021	Pesticide	Molinate	n/a	=	121	%	EPA 525.2	-88	-88	70	130	
2020/21-1	Lab	LCS, RPD	1/15/2021	Pesticide	Molinate	n/a	=	3	%	EPA 525.2	-88	-88	0	30	
2020/21-1	Lab	method blank	1/15/2021	Pesticide	Molinate	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1			
2020/21-1	Lab	method blank	1/21/2021	Pesticide	Molinate	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1			
2020/21-1	Lab	LCS	1/21/2021	Pesticide	Molinate	n/a	=	5.73	µg/L	EPA 525.2	0.03	0.1			
2020/21-1	Lab	LCS, rec	1/21/2021	Pesticide	Molinate	n/a	=	115	%	EPA 525.2	-88	-88	70	130	
2020/21-1	Lab	LCS dup	1/21/2021	Pesticide	Molinate	n/a	=	5.63	µg/L	EPA 525.2	0.03	0.1			
2020/21-1	Lab	LCS dup, rec	1/21/2021	Pesticide	Molinate	n/a	=	113	%	EPA 525.2	-88	-88	70	130	
2020/21-1	Lab	LCS, RPD	1/21/2021	Pesticide	Molinate	n/a	=	2	%	EPA 525.2	-88	-88	0	30	
2020/21-1	ME-VR2	matrix spike	1/15/2021	Pesticide	Molinate	n/a	=	6.25	µg/L	EPA 525.2	0.03	0.1			
2020/21-1	ME-VR2	matrix spike, rec	1/15/2021	Pesticide	Molinate	n/a	=	125	%	EPA 525.2	-88	-88	70	130	
2020/21-1	ME-VR2	matrix spike dup	1/15/2021	Pesticide	Molinate	n/a	=	5.96	µg/L	EPA 525.2	0.03	0.1			
2020/21-1	ME-VR2	matrix spike dup, rec	1/15/2021	Pesticide	Molinate	n/a	=	119	%	EPA 525.2	-88	-88	70	130	
2020/21-1	ME-VR2	matrix spike, RPD	1/15/2021	Pesticide	Molinate	n/a	=	5	%	EPA 525.2	-88	-88	0	30	
2020/21-1	Lab	method blank	1/19/2021	Pesticide	Naled	n/a	<	0.0076	µg/L	EPA 625.1m	0.0076	0.01			
2020/21-1	Lab	LCS	1/19/2021	Pesticide	Naled	n/a	=	0.0176	µg/L	EPA 625.1m	0.0076	0.01			
2020/21-1	Lab	LCS, rec	1/19/2021	Pesticide	Naled	n/a	=	35	%	EPA 625.1m	-88	-88	0.1	207	
2020/21-1	Lab	LCS dup	1/19/2021	Pesticide	Naled	n/a	=	0.0215	µg/L	EPA 625.1m	0.0076	0.01			
2020/21-1	Lab	LCS dup, rec	1/19/2021	Pesticide	Naled	n/a	=	43	%	EPA 625.1m	-88	-88	0.1	207	
2020/21-1	Lab	LCS, RPD	1/19/2021	Pesticide	Naled	n/a	=	20	%	EPA 625.1m	-88	-88	0	30	
2020/21-1	Lab	method blank	1/30/2021	Pesticide	Naled	n/a	<	0.0076	µg/L	EPA 625.1m	0.0076	0.01			
2020/21-1	Lab	LCS	1/30/2021	Pesticide	Naled	n/a	=	0.0445	µg/L	EPA 625.1m	0.0076	0.01			
2020/21-1	Lab	LCS, rec	1/30/2021	Pesticide	Naled	n/a	=	89	%	EPA 625.1m	-88	-88	0.1	207	
2020/21-1	Lab	LCS dup	1/30/2021	Pesticide	Naled	n/a	=	0.039	µg/L	EPA 625.1m	0.0076	0.01			
2020/21-1	Lab	LCS dup, rec	1/30/2021	Pesticide	Naled	n/a	=	78	%	EPA 625.1m	-88	-88	0.1	207	
2020/21-1	Lab	LCS, RPD	1/30/2021	Pesticide	Naled	n/a	=	13	%	EPA 625.1m	-88	-88	0	30	
2020/21-1	000NONPJ	matrix spike	1/8/2021	Pesticide	Pentachlorophenol	n/a	=	4.01	µg/L	EPA 515.4	0.046	0.2			
2020/21-1	000NONPJ	matrix spike, rec	1/8/2021	Pesticide	Pentachlorophenol	n/a	=	100	%	EPA 515.4	-88	-88	70	130	
2020/21-1	000NONPJ	matrix spike dup	1/8/2021	Pesticide	Pentachlorophenol	n/a	=	3.92	µg/L	EPA 515.4	0.046	0.2			
2020/21-1	000NONPJ	matrix spike dup, rec	1/8/2021	Pesticide	Pentachlorophenol	n/a	=	98	%	EPA 515.4	-88	-88	70	130	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2020/21-1	000NONPJ	matrix spike, RPD	1/8/2021	Pesticide	Pentachlorophenol	n/a	=	2	%	EPA 515.4	-88	-88	0	30	
2020/21-1	Lab	LCS	1/7/2021	Pesticide	Pentachlorophenol	n/a	=	8.31	µg/L	EPA 625.1	0.4	1			
2020/21-1	Lab	LCS, rec	1/7/2021	Pesticide	Pentachlorophenol	n/a	=	83	%	EPA 625.1	-88	-88	41	120	
2020/21-1	Lab	LCS dup	1/7/2021	Pesticide	Pentachlorophenol	n/a	=	8.68	µg/L	EPA 625.1	0.4	1			
2020/21-1	Lab	LCS dup, rec	1/7/2021	Pesticide	Pentachlorophenol	n/a	=	87	%	EPA 625.1	-88	-88	41	120	
2020/21-1	Lab	LCS, RPD	1/7/2021	Pesticide	Pentachlorophenol	n/a	=	4	%	EPA 625.1	-88	-88	0	30	
2020/21-1	Lab	method blank	1/7/2021	Pesticide	Pentachlorophenol	n/a	<	0.4	µg/L	EPA 625.1	0.4	1			
2020/21-1	Lab	method blank	1/7/2021	Pesticide	Pentachlorophenol	n/a	<	0.046	µg/L	EPA 515.4	0.046	0.2			
2020/21-1	Lab	LCS	1/8/2021	Pesticide	Pentachlorophenol	n/a	=	3.92	µg/L	EPA 515.4	0.046	0.2			
2020/21-1	Lab	LCS, rec	1/8/2021	Pesticide	Pentachlorophenol	n/a	=	98	%	EPA 515.4	-88	-88	70	130	
2020/21-1	Lab	method blank	1/10/2021	Pesticide	Pentachlorophenol	n/a	<	0.046	µg/L	EPA 515.4	0.046	0.2			
2020/21-1	Lab	LCS	1/10/2021	Pesticide	Pentachlorophenol	n/a	=	3.84	µg/L	EPA 515.4	0.046	0.2			
2020/21-1	Lab	LCS, rec	1/10/2021	Pesticide	Pentachlorophenol	n/a	=	96	%	EPA 515.4	-88	-88	70	130	
2020/21-1	Lab	method blank	2/1/2021	Pesticide	Pentachlorophenol	n/a	<	0.15	µg/L	EPA 8270C	0.15	1			
2020/21-1	Lab	LCS	2/1/2021	Pesticide	Pentachlorophenol	n/a	=	9.67	µg/L	EPA 8270C	0.15	1			
2020/21-1	Lab	LCS, rec	2/1/2021	Pesticide	Pentachlorophenol	n/a	=	97	%	EPA 8270C	-88	-88	29	106	
2020/21-1	Lab	LCS dup	2/1/2021	Pesticide	Pentachlorophenol	n/a	=	9.28	µg/L	EPA 8270C	0.15	1			
2020/21-1	Lab	LCS dup, rec	2/1/2021	Pesticide	Pentachlorophenol	n/a	=	93	%	EPA 8270C	-88	-88	29	106	
2020/21-1	Lab	LCS, RPD	2/1/2021	Pesticide	Pentachlorophenol	n/a	=	4	%	EPA 8270C	-88	-88	0	30	
2020/21-1	Lab	LCS	2/2/2021	Pesticide	Pentachlorophenol	n/a	=	7.09	µg/L	EPA 625.1	0.4	1			
2020/21-1	Lab	LCS, rec	2/2/2021	Pesticide	Pentachlorophenol	n/a	=	71	%	EPA 625.1	-88	-88	41	120	
2020/21-1	Lab	LCS dup	2/2/2021	Pesticide	Pentachlorophenol	n/a	=	8.13	µg/L	EPA 625.1	0.4	1			
2020/21-1	Lab	LCS dup, rec	2/2/2021	Pesticide	Pentachlorophenol	n/a	=	81	%	EPA 625.1	-88	-88	41	120	
2020/21-1	Lab	LCS, RPD	2/2/2021	Pesticide	Pentachlorophenol	n/a	=	14	%	EPA 625.1	-88	-88	0	30	
2020/21-1	Lab	method blank	2/2/2021	Pesticide	Pentachlorophenol	n/a	<	0.4	µg/L	EPA 625.1	0.4	1			
2020/21-1	Lab	method blank	1/19/2021	Pesticide	Phorate	n/a	<	0.003	µg/L	EPA 625.1m	0.003	0.01			
2020/21-1	Lab	LCS	1/19/2021	Pesticide	Phorate	n/a	=	0.0353	µg/L	EPA 625.1m	0.003	0.01			
2020/21-1	Lab	LCS, rec	1/19/2021	Pesticide	Phorate	n/a	=	71	%	EPA 625.1m	-88	-88	34	166	
2020/21-1	Lab	LCS dup	1/19/2021	Pesticide	Phorate	n/a	=	0.0313	µg/L	EPA 625.1m	0.003	0.01			
2020/21-1	Lab	LCS dup, rec	1/19/2021	Pesticide	Phorate	n/a	=	63	%	EPA 625.1m	-88	-88	34	166	
2020/21-1	Lab	LCS, RPD	1/19/2021	Pesticide	Phorate	n/a	=	12	%	EPA 625.1m	-88	-88	0	30	
2020/21-1	Lab	method blank	1/30/2021	Pesticide	Phorate	n/a	<	0.003	µg/L	EPA 625.1m	0.003	0.01			
2020/21-1	Lab	LCS	1/30/2021	Pesticide	Phorate	n/a	=	0.0361	µg/L	EPA 625.1m	0.003	0.01			
2020/21-1	Lab	LCS, rec	1/30/2021	Pesticide	Phorate	n/a	=	72	%	EPA 625.1m	-88	-88	34	166	
2020/21-1	Lab	LCS dup	1/30/2021	Pesticide	Phorate	n/a	=	0.0303	µg/L	EPA 625.1m	0.003	0.01			
2020/21-1	Lab	LCS dup, rec	1/30/2021	Pesticide	Phorate	n/a	=	61	%	EPA 625.1m	-88	-88	34	166	
2020/21-1	Lab	LCS, RPD	1/30/2021	Pesticide	Phorate	n/a	=	18	%	EPA 625.1m	-88	-88	0	30	
2020/21-1	000NONPJ	matrix spike	1/8/2021	Pesticide	Picloram	n/a	=	3.81	µg/L	EPA 515.4	0.038	0.6			
2020/21-1	000NONPJ	matrix spike, rec	1/8/2021	Pesticide	Picloram	n/a	=	95	%	EPA 515.4	-88	-88	70	130	
2020/21-1	000NONPJ	matrix spike dup	1/8/2021	Pesticide	Picloram	n/a	=	3.69	µg/L	EPA 515.4	0.038	0.6			
2020/21-1	000NONPJ	matrix spike dup, rec	1/8/2021	Pesticide	Picloram	n/a	=	92	%	EPA 515.4	-88	-88	70	130	
2020/21-1	000NONPJ	matrix spike, RPD	1/8/2021	Pesticide	Picloram	n/a	=	3	%	EPA 515.4	-88	-88	0	30	
2020/21-1	Lab	method blank	1/7/2021	Pesticide	Picloram	n/a	<	0.038	µg/L	EPA 515.4	0.038	0.6			
2020/21-1	Lab	LCS	1/8/2021	Pesticide	Picloram	n/a	=	3.73	µg/L	EPA 515.4	0.038	0.6			
2020/21-1	Lab	LCS, rec	1/8/2021	Pesticide	Picloram	n/a	=	93	%	EPA 515.4	-88	-88	70	130	
2020/21-1	Lab	method blank	1/10/2021	Pesticide	Picloram	n/a	<	0.038	µg/L	EPA 515.4	0.038	0.6			
2020/21-1	Lab	LCS	1/10/2021	Pesticide	Picloram	n/a	=	3.39	µg/L	EPA 515.4	0.038	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	
2020/21-1	Lab	LCS, rec	1/10/2021	Pesticide	Picloram	n/a	=	85	%	EPA 515.4	-88	-88	70	130	
2020/21-1	Lab	LCS	1/15/2021	Pesticide	Prometon	n/a	=	1.52	µg/L	EPA 525.2	0.01	0.1			
2020/21-1	Lab	LCS, rec	1/15/2021	Pesticide	Prometon	n/a	=	30	%	EPA 525.2	-88	-88	15	120	
2020/21-1	Lab	LCS dup	1/15/2021	Pesticide	Prometon	n/a	=	0.893	µg/L	EPA 525.2	0.01	0.1			
2020/21-1	Lab	LCS dup, rec	1/15/2021	Pesticide	Prometon	n/a	=	18	%	EPA 525.2	-88	-88	15	120	
2020/21-1	Lab	LCS, RPD	1/15/2021	Pesticide	Prometon	n/a	=	52	%	EPA 525.2	-88	-88	0	30	IL
2020/21-1	Lab	method blank	1/15/2021	Pesticide	Prometon	n/a	<	0.01	µg/L	EPA 525.2	0.01	0.1			
2020/21-1	Lab	method blank	1/21/2021	Pesticide	Prometon	n/a	<	0.01	µg/L	EPA 525.2	0.01	0.1			
2020/21-1	Lab	LCS	1/21/2021	Pesticide	Prometon	n/a	=	1.36	µg/L	EPA 525.2	0.01	0.1			
2020/21-1	Lab	LCS, rec	1/21/2021	Pesticide	Prometon	n/a	=	27	%	EPA 525.2	-88	-88	15	120	
2020/21-1	Lab	LCS dup	1/21/2021	Pesticide	Prometon	n/a	=	3.47	µg/L	EPA 525.2	0.01	0.1			
2020/21-1	Lab	LCS dup, rec	1/21/2021	Pesticide	Prometon	n/a	=	69	%	EPA 525.2	-88	-88	15	120	
2020/21-1	Lab	LCS, RPD	1/21/2021	Pesticide	Prometon	n/a	=	87	%	EPA 525.2	-88	-88	0	30	IL
2020/21-1	ME-VR2	matrix spike	1/15/2021	Pesticide	Prometon	n/a	=	4.11	µg/L	EPA 525.2	0.01	0.1			
2020/21-1	ME-VR2	matrix spike, rec	1/15/2021	Pesticide	Prometon	n/a	=	82	%	EPA 525.2	-88	-88	15	120	
2020/21-1	ME-VR2	matrix spike dup	1/15/2021	Pesticide	Prometon	n/a	=	1.69	µg/L	EPA 525.2	0.01	0.1			IL
2020/21-1	ME-VR2	matrix spike dup, rec	1/15/2021	Pesticide	Prometon	n/a	=	34	%	EPA 525.2	-88	-88	15	120	IL
2020/21-1	ME-VR2	matrix spike, RPD	1/15/2021	Pesticide	Prometon	n/a	=	83	%	EPA 525.2	-88	-88	0	30	IL
2020/21-1	Lab	LCS	1/15/2021	Pesticide	Prometryn	n/a	=	2.59	µg/L	EPA 525.2	0.03	0.1			
2020/21-1	Lab	LCS, rec	1/15/2021	Pesticide	Prometryn	n/a	=	52	%	EPA 525.2	-88	-88	30	120	
2020/21-1	Lab	LCS dup	1/15/2021	Pesticide	Prometryn	n/a	=	1.58	µg/L	EPA 525.2	0.03	0.1			
2020/21-1	Lab	LCS dup, rec	1/15/2021	Pesticide	Prometryn	n/a	=	32	%	EPA 525.2	-88	-88	30	120	
2020/21-1	Lab	LCS, RPD	1/15/2021	Pesticide	Prometryn	n/a	=	49	%	EPA 525.2	-88	-88	0	30	IL
2020/21-1	Lab	method blank	1/15/2021	Pesticide	Prometryn	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1			
2020/21-1	Lab	method blank	1/21/2021	Pesticide	Prometryn	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1			
2020/21-1	Lab	LCS	1/21/2021	Pesticide	Prometryn	n/a	=	1.43	µg/L	EPA 525.2	0.03	0.1			EUM
2020/21-1	Lab	LCS, rec	1/21/2021	Pesticide	Prometryn	n/a	=	29	%	EPA 525.2	-88	-88	30	120	EUM
2020/21-1	Lab	LCS dup	1/21/2021	Pesticide	Prometryn	n/a	=	4.03	µg/L	EPA 525.2	0.03	0.1			
2020/21-1	Lab	LCS dup, rec	1/21/2021	Pesticide	Prometryn	n/a	=	81	%	EPA 525.2	-88	-88	30	120	
2020/21-1	Lab	LCS, RPD	1/21/2021	Pesticide	Prometryn	n/a	=	95	%	EPA 525.2	-88	-88	0	30	IL
2020/21-1	ME-VR2	matrix spike	1/15/2021	Pesticide	Prometryn	n/a	=	4.8	µg/L	EPA 525.2	0.03	0.1			
2020/21-1	ME-VR2	matrix spike, rec	1/15/2021	Pesticide	Prometryn	n/a	=	96	%	EPA 525.2	-88	-88	30	120	
2020/21-1	ME-VR2	matrix spike dup	1/15/2021	Pesticide	Prometryn	n/a	=	2.15	µg/L	EPA 525.2	0.03	0.1			IL
2020/21-1	ME-VR2	matrix spike dup, rec	1/15/2021	Pesticide	Prometryn	n/a	=	43	%	EPA 525.2	-88	-88	30	120	IL
2020/21-1	ME-VR2	matrix spike, RPD	1/15/2021	Pesticide	Prometryn	n/a	=	76	%	EPA 525.2	-88	-88	0	30	IL
2020/21-1	Lab	method blank	1/19/2021	Pesticide	Ronnel (Fenclorphos)	n/a	<	0.0041	µg/L	EPA 625.1m	0.0041	0.01			
2020/21-1	Lab	LCS	1/19/2021	Pesticide	Ronnel (Fenclorphos)	n/a	=	0.0398	µg/L	EPA 625.1m	0.0041	0.01			
2020/21-1	Lab	LCS, rec	1/19/2021	Pesticide	Ronnel (Fenclorphos)	n/a	=	80	%	EPA 625.1m	-88	-88	43	140	
2020/21-1	Lab	LCS dup	1/19/2021	Pesticide	Ronnel (Fenclorphos)	n/a	=	0.0328	µg/L	EPA 625.1m	0.0041	0.01			
2020/21-1	Lab	LCS dup, rec	1/19/2021	Pesticide	Ronnel (Fenclorphos)	n/a	=	66	%	EPA 625.1m	-88	-88	43	140	
2020/21-1	Lab	LCS, RPD	1/19/2021	Pesticide	Ronnel (Fenclorphos)	n/a	=	19	%	EPA 625.1m	-88	-88	0	30	
2020/21-1	Lab	method blank	1/30/2021	Pesticide	Ronnel (Fenclorphos)	n/a	<	0.0041	µg/L	EPA 625.1m	0.0041	0.01			
2020/21-1	Lab	LCS	1/30/2021	Pesticide	Ronnel (Fenclorphos)	n/a	=	0.0407	µg/L	EPA 625.1m	0.0041	0.01			
2020/21-1	Lab	LCS, rec	1/30/2021	Pesticide	Ronnel (Fenclorphos)	n/a	=	81	%	EPA 625.1m	-88	-88	43	140	
2020/21-1	Lab	LCS dup	1/30/2021	Pesticide	Ronnel (Fenclorphos)	n/a	=	0.0328	µg/L	EPA 625.1m	0.0041	0.01			
2020/21-1	Lab	LCS dup, rec	1/30/2021	Pesticide	Ronnel (Fenclorphos)	n/a	=	66	%	EPA 625.1m	-88	-88	43	140	
2020/21-1	Lab	LCS, RPD	1/30/2021	Pesticide	Ronnel (Fenclorphos)	n/a	=	21	%	EPA 625.1m	-88	-88	0	30	

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													Min	Max	
2020/21-1	Lab	LCS	1/15/2021	Pesticide	Simazine	n/a	=	5.63	µg/L	EPA 525.2	0.02	0.1			
2020/21-1	Lab	LCS, rec	1/15/2021	Pesticide	Simazine	n/a	=	113	%	EPA 525.2	-88	-88	60	130	
2020/21-1	Lab	LCS dup	1/15/2021	Pesticide	Simazine	n/a	=	5.84	µg/L	EPA 525.2	0.02	0.1			
2020/21-1	Lab	LCS dup, rec	1/15/2021	Pesticide	Simazine	n/a	=	117	%	EPA 525.2	-88	-88	60	130	
2020/21-1	Lab	LCS, RPD	1/15/2021	Pesticide	Simazine	n/a	=	4	%	EPA 525.2	-88	-88	0	30	
2020/21-1	Lab	method blank	1/15/2021	Pesticide	Simazine	n/a	<	0.02	µg/L	EPA 525.2	0.02	0.1			
2020/21-1	Lab	method blank	1/21/2021	Pesticide	Simazine	n/a	<	0.02	µg/L	EPA 525.2	0.02	0.1			
2020/21-1	Lab	LCS	1/21/2021	Pesticide	Simazine	n/a	=	5.73	µg/L	EPA 525.2	0.02	0.1			
2020/21-1	Lab	LCS, rec	1/21/2021	Pesticide	Simazine	n/a	=	115	%	EPA 525.2	-88	-88	60	130	
2020/21-1	Lab	LCS dup	1/21/2021	Pesticide	Simazine	n/a	=	5.88	µg/L	EPA 525.2	0.02	0.1			
2020/21-1	Lab	LCS dup, rec	1/21/2021	Pesticide	Simazine	n/a	=	118	%	EPA 525.2	-88	-88	60	130	
2020/21-1	Lab	LCS, RPD	1/21/2021	Pesticide	Simazine	n/a	=	3	%	EPA 525.2	-88	-88	0	30	
2020/21-1	ME-VR2	matrix spike	1/15/2021	Pesticide	Simazine	n/a	=	6.19	µg/L	EPA 525.2	0.02	0.1			
2020/21-1	ME-VR2	matrix spike, rec	1/15/2021	Pesticide	Simazine	n/a	=	124	%	EPA 525.2	-88	-88	60	130	
2020/21-1	ME-VR2	matrix spike dup	1/15/2021	Pesticide	Simazine	n/a	=	5.64	µg/L	EPA 525.2	0.02	0.1			
2020/21-1	ME-VR2	matrix spike dup, rec	1/15/2021	Pesticide	Simazine	n/a	=	113	%	EPA 525.2	-88	-88	60	130	
2020/21-1	ME-VR2	matrix spike, RPD	1/15/2021	Pesticide	Simazine	n/a	=	9	%	EPA 525.2	-88	-88	0	30	
2020/21-1	Lab	method blank	1/19/2021	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	<	0.0031	µg/L	EPA 625.1m	0.0031	0.01			
2020/21-1	Lab	LCS	1/19/2021	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	=	0.0448	µg/L	EPA 625.1m	0.0031	0.01			
2020/21-1	Lab	LCS, rec	1/19/2021	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	=	90	%	EPA 625.1m	-88	-88	3	171	
2020/21-1	Lab	LCS dup	1/19/2021	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	=	0.0413	µg/L	EPA 625.1m	0.0031	0.01			
2020/21-1	Lab	LCS dup, rec	1/19/2021	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	=	83	%	EPA 625.1m	-88	-88	3	171	
2020/21-1	Lab	LCS, RPD	1/19/2021	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	=	8	%	EPA 625.1m	-88	-88	0	30	
2020/21-1	Lab	method blank	1/30/2021	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	<	0.0031	µg/L	EPA 625.1m	0.0031	0.01			
2020/21-1	Lab	LCS	1/30/2021	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	=	0.0448	µg/L	EPA 625.1m	0.0031	0.01			
2020/21-1	Lab	LCS, rec	1/30/2021	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	=	90	%	EPA 625.1m	-88	-88	3	171	
2020/21-1	Lab	LCS dup	1/30/2021	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	=	0.0406	µg/L	EPA 625.1m	0.0031	0.01			
2020/21-1	Lab	LCS dup, rec	1/30/2021	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	=	81	%	EPA 625.1m	-88	-88	3	171	
2020/21-1	Lab	LCS, RPD	1/30/2021	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	=	10	%	EPA 625.1m	-88	-88	0	30	
2020/21-1	Lab	LCS	1/15/2021	Pesticide	Terbacil	n/a	=	6.59	µg/L	EPA 525.2	0.09	2			EUM
2020/21-1	Lab	LCS, rec	1/15/2021	Pesticide	Terbacil	n/a	=	132	%	EPA 525.2	-88	-88	70	130	EUM
2020/21-1	Lab	LCS dup	1/15/2021	Pesticide	Terbacil	n/a	=	6.82	µg/L	EPA 525.2	0.09	2			EUM
2020/21-1	Lab	LCS dup, rec	1/15/2021	Pesticide	Terbacil	n/a	=	136	%	EPA 525.2	-88	-88	70	130	EUM
2020/21-1	Lab	LCS, RPD	1/15/2021	Pesticide	Terbacil	n/a	=	3	%	EPA 525.2	-88	-88	0	30	EUM
2020/21-1	Lab	method blank	1/15/2021	Pesticide	Terbacil	n/a	<	0.09	µg/L	EPA 525.2	0.09	2			
2020/21-1	Lab	method blank	1/21/2021	Pesticide	Terbacil	n/a	<	0.09	µg/L	EPA 525.2	0.09	2			
2020/21-1	Lab	LCS	1/21/2021	Pesticide	Terbacil	n/a	=	5.15	µg/L	EPA 525.2	0.09	2			
2020/21-1	Lab	LCS, rec	1/21/2021	Pesticide	Terbacil	n/a	=	103	%	EPA 525.2	-88	-88	70	130	
2020/21-1	Lab	LCS dup	1/21/2021	Pesticide	Terbacil	n/a	=	3.17	µg/L	EPA 525.2	0.09	2			EUM
2020/21-1	Lab	LCS dup, rec	1/21/2021	Pesticide	Terbacil	n/a	=	63	%	EPA 525.2	-88	-88	70	130	EUM
2020/21-1	Lab	LCS, RPD	1/21/2021	Pesticide	Terbacil	n/a	=	48	%	EPA 525.2	-88	-88	0	30	EUM,IL
2020/21-1	ME-VR2	matrix spike	1/15/2021	Pesticide	Terbacil	n/a	=	8.34	µg/L	EPA 525.2	0.09	2			GB
2020/21-1	ME-VR2	matrix spike, rec	1/15/2021	Pesticide	Terbacil	n/a	=	167	%	EPA 525.2	-88	-88	70	130	GB
2020/21-1	ME-VR2	matrix spike dup	1/15/2021	Pesticide	Terbacil	n/a	=	8.57	µg/L	EPA 525.2	0.09	2			GB
2020/21-1	ME-VR2	matrix spike dup, rec	1/15/2021	Pesticide	Terbacil	n/a	=	171	%	EPA 525.2	-88	-88	70	130	GB
2020/21-1	ME-VR2	matrix spike, RPD	1/15/2021	Pesticide	Terbacil	n/a	=	3	%	EPA 525.2	-88	-88	0	30	GB
2020/21-1	Lab	LCS	1/15/2021	Pesticide	Thiobencarb	n/a	=	5.33	µg/L	EPA 525.2	0.03	0.1			

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													Min	Max	
2020/21-1	Lab	LCS, rec	1/15/2021	Pesticide	Thiobencarb	n/a	=	107	%	EPA 525.2	-88	-88	70	130	
2020/21-1	Lab	LCS dup	1/15/2021	Pesticide	Thiobencarb	n/a	=	5.35	µg/L	EPA 525.2	0.03	0.1			
2020/21-1	Lab	LCS dup, rec	1/15/2021	Pesticide	Thiobencarb	n/a	=	107	%	EPA 525.2	-88	-88	70	130	
2020/21-1	Lab	LCS, RPD	1/15/2021	Pesticide	Thiobencarb	n/a	=	0.4	%	EPA 525.2	-88	-88	0	30	
2020/21-1	Lab	method blank	1/15/2021	Pesticide	Thiobencarb	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1			
2020/21-1	Lab	method blank	1/21/2021	Pesticide	Thiobencarb	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1			
2020/21-1	Lab	LCS	1/21/2021	Pesticide	Thiobencarb	n/a	=	5.59	µg/L	EPA 525.2	0.03	0.1			
2020/21-1	Lab	LCS, rec	1/21/2021	Pesticide	Thiobencarb	n/a	=	112	%	EPA 525.2	-88	-88	70	130	
2020/21-1	Lab	LCS dup	1/21/2021	Pesticide	Thiobencarb	n/a	=	5.73	µg/L	EPA 525.2	0.03	0.1			
2020/21-1	Lab	LCS dup, rec	1/21/2021	Pesticide	Thiobencarb	n/a	=	115	%	EPA 525.2	-88	-88	70	130	
2020/21-1	Lab	LCS, RPD	1/21/2021	Pesticide	Thiobencarb	n/a	=	3	%	EPA 525.2	-88	-88	0	30	
2020/21-1	ME-VR2	matrix spike	1/15/2021	Pesticide	Thiobencarb	n/a	=	5.45	µg/L	EPA 525.2	0.03	0.1			
2020/21-1	ME-VR2	matrix spike, rec	1/15/2021	Pesticide	Thiobencarb	n/a	=	109	%	EPA 525.2	-88	-88	70	130	
2020/21-1	ME-VR2	matrix spike dup	1/15/2021	Pesticide	Thiobencarb	n/a	=	5.5	µg/L	EPA 525.2	0.03	0.1			
2020/21-1	ME-VR2	matrix spike dup, rec	1/15/2021	Pesticide	Thiobencarb	n/a	=	110	%	EPA 525.2	-88	-88	70	130	
2020/21-1	ME-VR2	matrix spike, RPD	1/15/2021	Pesticide	Thiobencarb	n/a	=	0.9	%	EPA 525.2	-88	-88	0	30	
2020/21-1	Lab	method blank	1/19/2021	Pesticide	Tokuthion	n/a	<	0.0078	µg/L	EPA 625.1m	0.0078	0.01			
2020/21-1	Lab	LCS	1/19/2021	Pesticide	Tokuthion	n/a	=	0.037	µg/L	EPA 625.1m	0.0078	0.01			
2020/21-1	Lab	LCS, rec	1/19/2021	Pesticide	Tokuthion	n/a	=	74	%	EPA 625.1m	-88	-88	34	138	
2020/21-1	Lab	LCS dup	1/19/2021	Pesticide	Tokuthion	n/a	=	0.0326	µg/L	EPA 625.1m	0.0078	0.01			
2020/21-1	Lab	LCS dup, rec	1/19/2021	Pesticide	Tokuthion	n/a	=	65	%	EPA 625.1m	-88	-88	34	138	
2020/21-1	Lab	LCS, RPD	1/19/2021	Pesticide	Tokuthion	n/a	=	13	%	EPA 625.1m	-88	-88	0	30	
2020/21-1	Lab	method blank	1/30/2021	Pesticide	Tokuthion	n/a	<	0.0078	µg/L	EPA 625.1m	0.0078	0.01			
2020/21-1	Lab	LCS	1/30/2021	Pesticide	Tokuthion	n/a	=	0.0392	µg/L	EPA 625.1m	0.0078	0.01			
2020/21-1	Lab	LCS, rec	1/30/2021	Pesticide	Tokuthion	n/a	=	78	%	EPA 625.1m	-88	-88	34	138	
2020/21-1	Lab	LCS dup	1/30/2021	Pesticide	Tokuthion	n/a	=	0.0324	µg/L	EPA 625.1m	0.0078	0.01			
2020/21-1	Lab	LCS dup, rec	1/30/2021	Pesticide	Tokuthion	n/a	=	65	%	EPA 625.1m	-88	-88	34	138	
2020/21-1	Lab	LCS, RPD	1/30/2021	Pesticide	Tokuthion	n/a	=	19	%	EPA 625.1m	-88	-88	0	30	
2020/21-1	Lab	method blank	1/12/2021	Pesticide	Toxaphene	n/a	<	0.085	µg/L	EPA 608.3	0.085	0.5			
2020/21-1	Lab	method blank	1/13/2021	Pesticide	Toxaphene	n/a	<	0.085	µg/L	EPA 608.3	0.085	0.5			
2020/21-1	Lab	method blank	1/19/2021	Pesticide	Trichloronate	n/a	<	0.0067	µg/L	EPA 625.1m	0.0067	0.01			
2020/21-1	Lab	LCS	1/19/2021	Pesticide	Trichloronate	n/a	=	0.0364	µg/L	EPA 625.1m	0.0067	0.01			
2020/21-1	Lab	LCS, rec	1/19/2021	Pesticide	Trichloronate	n/a	=	73	%	EPA 625.1m	-88	-88	42	137	
2020/21-1	Lab	LCS dup	1/19/2021	Pesticide	Trichloronate	n/a	=	0.0296	µg/L	EPA 625.1m	0.0067	0.01			
2020/21-1	Lab	LCS dup, rec	1/19/2021	Pesticide	Trichloronate	n/a	=	59	%	EPA 625.1m	-88	-88	42	137	
2020/21-1	Lab	LCS, RPD	1/19/2021	Pesticide	Trichloronate	n/a	=	21	%	EPA 625.1m	-88	-88	0	30	
2020/21-1	Lab	method blank	1/30/2021	Pesticide	Trichloronate	n/a	<	0.0067	µg/L	EPA 625.1m	0.0067	0.01			
2020/21-1	Lab	LCS	1/30/2021	Pesticide	Trichloronate	n/a	=	0.0387	µg/L	EPA 625.1m	0.0067	0.01			
2020/21-1	Lab	LCS, rec	1/30/2021	Pesticide	Trichloronate	n/a	=	77	%	EPA 625.1m	-88	-88	42	137	
2020/21-1	Lab	LCS dup	1/30/2021	Pesticide	Trichloronate	n/a	=	0.0313	µg/L	EPA 625.1m	0.0067	0.01			
2020/21-1	Lab	LCS dup, rec	1/30/2021	Pesticide	Trichloronate	n/a	=	63	%	EPA 625.1m	-88	-88	42	137	
2020/21-1	Lab	LCS, RPD	1/30/2021	Pesticide	Trichloronate	n/a	=	21	%	EPA 625.1m	-88	-88	0	30	
2020/21-1	Lab	LCS	1/15/2021	Pesticide	Trithion	n/a	=	5.6	µg/L	EPA 525.2	0.02	0.1			
2020/21-1	Lab	LCS, rec	1/15/2021	Pesticide	Trithion	n/a	=	112	%	EPA 525.2	-88	-88	70	130	
2020/21-1	Lab	LCS dup	1/15/2021	Pesticide	Trithion	n/a	=	5.74	µg/L	EPA 525.2	0.02	0.1			
2020/21-1	Lab	LCS dup, rec	1/15/2021	Pesticide	Trithion	n/a	=	115	%	EPA 525.2	-88	-88	70	130	
2020/21-1	Lab	LCS, RPD	1/15/2021	Pesticide	Trithion	n/a	=	3	%	EPA 525.2	-88	-88	0	30	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2020/21-1	Lab	method blank	1/15/2021	Pesticide	Trithion	n/a	<	0.02	µg/L	EPA 525.2	0.02	0.1			
2020/21-1	Lab	method blank	1/21/2021	Pesticide	Trithion	n/a	<	0.02	µg/L	EPA 525.2	0.02	0.1			
2020/21-1	Lab	LCS	1/21/2021	Pesticide	Trithion	n/a	=	5.1	µg/L	EPA 525.2	0.02	0.1			
2020/21-1	Lab	LCS, rec	1/21/2021	Pesticide	Trithion	n/a	=	102	%	EPA 525.2	-88	-88	70	130	
2020/21-1	Lab	LCS dup	1/21/2021	Pesticide	Trithion	n/a	=	5.18	µg/L	EPA 525.2	0.02	0.1			
2020/21-1	Lab	LCS dup, rec	1/21/2021	Pesticide	Trithion	n/a	=	104	%	EPA 525.2	-88	-88	70	130	
2020/21-1	Lab	LCS, RPD	1/21/2021	Pesticide	Trithion	n/a	=	1	%	EPA 525.2	-88	-88	0	30	
2020/21-1	ME-VR2	matrix spike	1/15/2021	Pesticide	Trithion	n/a	=	5.99	µg/L	EPA 525.2	0.02	0.1			
2020/21-1	ME-VR2	matrix spike, rec	1/15/2021	Pesticide	Trithion	n/a	=	120	%	EPA 525.2	-88	-88	70	130	
2020/21-1	ME-VR2	matrix spike dup	1/15/2021	Pesticide	Trithion	n/a	=	6.05	µg/L	EPA 525.2	0.02	0.1			
2020/21-1	ME-VR2	matrix spike dup, rec	1/15/2021	Pesticide	Trithion	n/a	=	121	%	EPA 525.2	-88	-88	70	130	
2020/21-1	ME-VR2	matrix spike, RPD	1/15/2021	Pesticide	Trithion	n/a	=	0.9	%	EPA 525.2	-88	-88	0	30	
2020/21-2	000NONPJ	matrix spike	2/3/2021	Anion	Chloride	n/a	=	247	mg/L	EPA 300.0	0.85	5			
2020/21-2	000NONPJ	matrix spike, rec	2/3/2021	Anion	Chloride	n/a	=	97	%	EPA 300.0	-88	-88	76	118	
2020/21-2	000NONPJ	matrix spike dup	2/3/2021	Anion	Chloride	n/a	=	247	mg/L	EPA 300.0	0.85	5			
2020/21-2	000NONPJ	matrix spike dup, rec	2/3/2021	Anion	Chloride	n/a	=	97	%	EPA 300.0	-88	-88	76	118	
2020/21-2	000NONPJ	matrix spike, RPD	2/3/2021	Anion	Chloride	n/a	=	0.1	%	EPA 300.0	-88	-88	0	20	
2020/21-2	000NONPJ	matrix spike	2/3/2021	Anion	Chloride	n/a	=	264	mg/L	EPA 300.0	0.85	5			
2020/21-2	000NONPJ	matrix spike, rec	2/3/2021	Anion	Chloride	n/a	=	95	%	EPA 300.0	-88	-88	76	118	
2020/21-2	000NONPJ	matrix spike dup	2/3/2021	Anion	Chloride	n/a	=	263	mg/L	EPA 300.0	0.85	5			
2020/21-2	000NONPJ	matrix spike dup, rec	2/3/2021	Anion	Chloride	n/a	=	95	%	EPA 300.0	-88	-88	76	118	
2020/21-2	000NONPJ	matrix spike, RPD	2/3/2021	Anion	Chloride	n/a	=	0.3	%	EPA 300.0	-88	-88	0	20	
2020/21-2	Lab	method blank	2/2/2021	Anion	Chloride	n/a	<	0.085	mg/L	EPA 300.0	0.085	0.5			
2020/21-2	Lab	LCS	2/2/2021	Anion	Chloride	n/a	=	19.3	mg/L	EPA 300.0	0.085	0.5			
2020/21-2	Lab	LCS, rec	2/2/2021	Anion	Chloride	n/a	=	97	%	EPA 300.0	-88	-88	90	110	
2020/21-2	000NONPJ	matrix spike	2/3/2021	Anion	Fluoride	n/a	=	19.6	mg/L	EPA 300.0	0.09	1			
2020/21-2	000NONPJ	matrix spike, rec	2/3/2021	Anion	Fluoride	n/a	=	97	%	EPA 300.0	-88	-88	86	107	
2020/21-2	000NONPJ	matrix spike dup	2/3/2021	Anion	Fluoride	n/a	=	19.7	mg/L	EPA 300.0	0.09	1			
2020/21-2	000NONPJ	matrix spike dup, rec	2/3/2021	Anion	Fluoride	n/a	=	97	%	EPA 300.0	-88	-88	86	107	
2020/21-2	000NONPJ	matrix spike, RPD	2/3/2021	Anion	Fluoride	n/a	=	0.6	%	EPA 300.0	-88	-88	0	20	
2020/21-2	000NONPJ	matrix spike	2/3/2021	Anion	Fluoride	n/a	=	19.5	mg/L	EPA 300.0	0.09	1			
2020/21-2	000NONPJ	matrix spike, rec	2/3/2021	Anion	Fluoride	n/a	=	97	%	EPA 300.0	-88	-88	86	107	
2020/21-2	000NONPJ	matrix spike dup	2/3/2021	Anion	Fluoride	n/a	=	19.4	mg/L	EPA 300.0	0.09	1			
2020/21-2	000NONPJ	matrix spike dup, rec	2/3/2021	Anion	Fluoride	n/a	=	96	%	EPA 300.0	-88	-88	86	107	
2020/21-2	000NONPJ	matrix spike, RPD	2/3/2021	Anion	Fluoride	n/a	=	0.3	%	EPA 300.0	-88	-88	0	20	
2020/21-2	Lab	method blank	2/2/2021	Anion	Fluoride	n/a	<	0.009	mg/L	EPA 300.0	0.009	0.1			
2020/21-2	Lab	LCS	2/2/2021	Anion	Fluoride	n/a	=	1.96	mg/L	EPA 300.0	0.009	0.1			
2020/21-2	Lab	LCS, rec	2/2/2021	Anion	Fluoride	n/a	=	98	%	EPA 300.0	-88	-88	90	110	
2020/21-2	000NONPJ	matrix spike	2/3/2021	Anion	Perchlorate	n/a	=	9.28	µg/L	EPA 314.0	0.84	2			
2020/21-2	000NONPJ	matrix spike, rec	2/3/2021	Anion	Perchlorate	n/a	=	93	%	EPA 314.0	-88	-88	80	120	
2020/21-2	000NONPJ	matrix spike dup	2/3/2021	Anion	Perchlorate	n/a	=	9.48	µg/L	EPA 314.0	0.84	2			
2020/21-2	000NONPJ	matrix spike dup, rec	2/3/2021	Anion	Perchlorate	n/a	=	95	%	EPA 314.0	-88	-88	80	120	
2020/21-2	000NONPJ	matrix spike, RPD	2/3/2021	Anion	Perchlorate	n/a	=	2	%	EPA 314.0	-88	-88	0	15	
2020/21-2	Lab	method blank	2/2/2021	Anion	Perchlorate	n/a	<	0.84	µg/L	EPA 314.0	0.84	2			
2020/21-2	Lab	LCS	2/2/2021	Anion	Perchlorate	n/a	=	9.9	µg/L	EPA 314.0	0.84	2			
2020/21-2	Lab	LCS, rec	2/2/2021	Anion	Perchlorate	n/a	=	99	%	EPA 314.0	-88	-88	85	115	
2020/21-2	Lab	method blank	2/5/2021	Cation	Calcium	Total	<	0.016	mg/L	EPA 200.7	0.016	0.1			

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2020/21-2	Lab	LCS	2/5/2021	Cation	Calcium	Total	=	49.4	mg/L	EPA 200.7	0.016	0.1			
2020/21-2	Lab	LCS, rec	2/5/2021	Cation	Calcium	Total	=	99	%	EPA 200.7	-88	-88	85	115	
2020/21-2	Lab	method blank	2/6/2021	Cation	Calcium	Total	<	0.016	mg/L	EPA 200.7	0.016	0.1			
2020/21-2	Lab	LCS	2/6/2021	Cation	Calcium	Total	=	49.7	mg/L	EPA 200.7	0.016	0.1			
2020/21-2	Lab	LCS, rec	2/6/2021	Cation	Calcium	Total	=	99	%	EPA 200.7	-88	-88	85	115	
2020/21-2	ME-CC	matrix spike	2/5/2021	Cation	Calcium	Total	=	85.1	mg/L	EPA 200.7	0.016	0.1			
2020/21-2	ME-CC	matrix spike, rec	2/5/2021	Cation	Calcium	Total	=	97	%	EPA 200.7	-88	-88	70	130	
2020/21-2	ME-CC	matrix spike dup	2/5/2021	Cation	Calcium	Total	=	86	mg/L	EPA 200.7	0.016	0.1			
2020/21-2	ME-CC	matrix spike dup, rec	2/5/2021	Cation	Calcium	Total	=	99	%	EPA 200.7	-88	-88	70	130	
2020/21-2	ME-CC	matrix spike, RPD	2/5/2021	Cation	Calcium	Total	=	1	%	EPA 200.7	-88	-88	0	30	
2020/21-2	MO-HUE	matrix spike	2/6/2021	Cation	Calcium	Total	=	108	mg/L	EPA 200.7	0.016	0.1			
2020/21-2	MO-HUE	matrix spike, rec	2/6/2021	Cation	Calcium	Total	=	96	%	EPA 200.7	-88	-88	70	130	
2020/21-2	MO-HUE	matrix spike dup	2/6/2021	Cation	Calcium	Total	=	108	mg/L	EPA 200.7	0.016	0.1			
2020/21-2	MO-HUE	matrix spike dup, rec	2/6/2021	Cation	Calcium	Total	=	94	%	EPA 200.7	-88	-88	70	130	
2020/21-2	MO-HUE	matrix spike, RPD	2/6/2021	Cation	Calcium	Total	=	0.6	%	EPA 200.7	-88	-88	0	30	
2020/21-2	MO-MEI	matrix spike	2/6/2021	Cation	Calcium	Total	=	60.2	mg/L	EPA 200.7	0.016	0.1			
2020/21-2	MO-MEI	matrix spike, rec	2/6/2021	Cation	Calcium	Total	=	98	%	EPA 200.7	-88	-88	70	130	
2020/21-2	MO-MEI	matrix spike dup	2/6/2021	Cation	Calcium	Total	=	60.8	mg/L	EPA 200.7	0.016	0.1			
2020/21-2	MO-MEI	matrix spike dup, rec	2/6/2021	Cation	Calcium	Total	=	99	%	EPA 200.7	-88	-88	70	130	
2020/21-2	MO-MEI	matrix spike, RPD	2/6/2021	Cation	Calcium	Total	=	1	%	EPA 200.7	-88	-88	0	30	
2020/21-2	Lab	method blank	2/5/2021	Cation	Magnesium	Total	<	0.012	mg/L	EPA 200.7	0.012	0.1			
2020/21-2	Lab	LCS	2/5/2021	Cation	Magnesium	Total	=	50.1	mg/L	EPA 200.7	0.012	0.1			
2020/21-2	Lab	LCS, rec	2/5/2021	Cation	Magnesium	Total	=	100	%	EPA 200.7	-88	-88	85	115	
2020/21-2	Lab	method blank	2/6/2021	Cation	Magnesium	Total	<	0.012	mg/L	EPA 200.7	0.012	0.1			
2020/21-2	Lab	LCS	2/6/2021	Cation	Magnesium	Total	=	49.3	mg/L	EPA 200.7	0.012	0.1			
2020/21-2	Lab	LCS, rec	2/6/2021	Cation	Magnesium	Total	=	99	%	EPA 200.7	-88	-88	85	115	
2020/21-2	ME-CC	matrix spike	2/5/2021	Cation	Magnesium	Total	=	73.1	mg/L	EPA 200.7	0.012	0.1			
2020/21-2	ME-CC	matrix spike, rec	2/5/2021	Cation	Magnesium	Total	=	101	%	EPA 200.7	-88	-88	70	130	
2020/21-2	ME-CC	matrix spike dup	2/5/2021	Cation	Magnesium	Total	=	73.8	mg/L	EPA 200.7	0.012	0.1			
2020/21-2	ME-CC	matrix spike dup, rec	2/5/2021	Cation	Magnesium	Total	=	102	%	EPA 200.7	-88	-88	70	130	
2020/21-2	ME-CC	matrix spike, RPD	2/5/2021	Cation	Magnesium	Total	=	1	%	EPA 200.7	-88	-88	0	30	
2020/21-2	MO-HUE	matrix spike	2/6/2021	Cation	Magnesium	Total	=	93.2	mg/L	EPA 200.7	0.012	0.1			
2020/21-2	MO-HUE	matrix spike, rec	2/6/2021	Cation	Magnesium	Total	=	100	%	EPA 200.7	-88	-88	70	130	
2020/21-2	MO-HUE	matrix spike dup	2/6/2021	Cation	Magnesium	Total	=	92.6	mg/L	EPA 200.7	0.012	0.1			
2020/21-2	MO-HUE	matrix spike dup, rec	2/6/2021	Cation	Magnesium	Total	=	99	%	EPA 200.7	-88	-88	70	130	
2020/21-2	MO-HUE	matrix spike, RPD	2/6/2021	Cation	Magnesium	Total	=	0.6	%	EPA 200.7	-88	-88	0	30	
2020/21-2	MO-MEI	matrix spike	2/6/2021	Cation	Magnesium	Total	=	53.8	mg/L	EPA 200.7	0.012	0.1			
2020/21-2	MO-MEI	matrix spike, rec	2/6/2021	Cation	Magnesium	Total	=	99	%	EPA 200.7	-88	-88	70	130	
2020/21-2	MO-MEI	matrix spike dup	2/6/2021	Cation	Magnesium	Total	=	54.3	mg/L	EPA 200.7	0.012	0.1			
2020/21-2	MO-MEI	matrix spike dup, rec	2/6/2021	Cation	Magnesium	Total	=	100	%	EPA 200.7	-88	-88	70	130	
2020/21-2	MO-MEI	matrix spike, RPD	2/6/2021	Cation	Magnesium	Total	=	1	%	EPA 200.7	-88	-88	0	30	
2020/21-2	Lab	method blank	2/4/2021	Conventional	Alkalinity as CaCO3	n/a	<	0.56	mg/L	SM 2320 B	0.56	5			
2020/21-2	Lab	LCS	2/4/2021	Conventional	Alkalinity as CaCO3	n/a	=	249	mg/L	SM 2320 B	0.56	5			
2020/21-2	Lab	LCS, rec	2/4/2021	Conventional	Alkalinity as CaCO3	n/a	=	100	%	SM 2320 B	-88	-88	94	108	
2020/21-2	ME-CC	lab duplicate	2/4/2021	Conventional	Alkalinity as CaCO3	n/a	=	123	mg/L	SM 2320 B	0.56	5		15	
2020/21-2	000NONPJ	lab duplicate	2/4/2021	Conventional	BOD	n/a	<	2	mg/L	SM 5210 B	2	2		20	
2020/21-2	Lab	method blank	2/4/2021	Conventional	BOD	n/a	<	2	mg/L	SM 5210 B	2	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	
2020/21-2	Lab	method blank	2/4/2021	Conventional	BOD	n/a	<	2	mg/L	SM 5210 B	2	2			
2020/21-2	Lab	LCS	2/4/2021	Conventional	BOD	n/a	=	180	mg/L	SM 5210 B	2	2			
2020/21-2	Lab	LCS, rec	2/4/2021	Conventional	BOD	n/a	=	91	%	SM 5210 B	-88	-88	85	115	
2020/21-2	000NONPJ	lab duplicate	2/8/2021	Conventional	COD	n/a	=	35100	mg/L	EPA 410.4	290	500		15	
2020/21-2	000NONPJ	matrix spike	2/8/2021	Conventional	COD	n/a	=	189	mg/L	EPA 410.4	11	20			
2020/21-2	000NONPJ	matrix spike, rec	2/8/2021	Conventional	COD	n/a	=	94	%	EPA 410.4	-88	-88	90	110	
2020/21-2	000NONPJ	matrix spike dup	2/8/2021	Conventional	COD	n/a	=	186	mg/L	EPA 410.4	11	20			
2020/21-2	000NONPJ	matrix spike dup, rec	2/8/2021	Conventional	COD	n/a	=	93	%	EPA 410.4	-88	-88	90	110	
2020/21-2	000NONPJ	matrix spike, RPD	2/8/2021	Conventional	COD	n/a	=	1	%	EPA 410.4	-88	-88	0	15	
2020/21-2	000NONPJ	matrix spike	2/8/2021	Conventional	COD	n/a	=	234	mg/L	EPA 410.4	11	20			
2020/21-2	000NONPJ	matrix spike dup	2/8/2021	Conventional	COD	n/a	=	233	mg/L	EPA 410.4	11	20			
2020/21-2	000NONPJ	matrix spike dup, rec	2/8/2021	Conventional	COD	n/a	=	97	%	EPA 410.4	-88	-88	90	110	
2020/21-2	000NONPJ	matrix spike, rec	2/8/2021	Conventional	COD	n/a	=	98	%	EPA 410.4	-88	-88	90	110	
2020/21-2	000NONPJ	matrix spike, RPD	2/8/2021	Conventional	COD	n/a	=	0.3	%	EPA 410.4	-88	-88	0	15	
2020/21-2	000NONPJ	lab duplicate	2/9/2021	Conventional	COD	n/a	=	10400	mg/L	EPA 410.4	57	100		15	
2020/21-2	000NONPJ	matrix spike	2/9/2021	Conventional	COD	n/a	=	2440	mg/L	EPA 410.4	11	20			
2020/21-2	000NONPJ	matrix spike dup	2/9/2021	Conventional	COD	n/a	=	2600	mg/L	EPA 410.4	11	20			
2020/21-2	000NONPJ	matrix spike dup, rec	2/9/2021	Conventional	COD	n/a	=	100	%	EPA 410.4	-88	-88	90	110	
2020/21-2	000NONPJ	matrix spike, rec	2/9/2021	Conventional	COD	n/a	=	92	%	EPA 410.4	-88	-88	90	110	
2020/21-2	000NONPJ	matrix spike, RPD	2/9/2021	Conventional	COD	n/a	=	7	%	EPA 410.4	-88	-88	0	15	
2020/21-2	Lab	LCS	2/8/2021	Conventional	COD	n/a	=	922	mg/L	EPA 410.4	2.9	5			
2020/21-2	Lab	LCS, rec	2/8/2021	Conventional	COD	n/a	=	92	%	EPA 410.4	-88	-88	90	110	
2020/21-2	Lab	method blank	2/8/2021	Conventional	COD	n/a	<	2.9	mg/L	EPA 410.4	2.9	5			
2020/21-2	Lab	LCS	2/9/2021	Conventional	COD	n/a	=	922	mg/L	EPA 410.4	2.9	5			
2020/21-2	Lab	LCS, rec	2/9/2021	Conventional	COD	n/a	=	92	%	EPA 410.4	-88	-88	90	110	
2020/21-2	Lab	method blank	2/9/2021	Conventional	COD	n/a	<	2.9	mg/L	EPA 410.4	2.9	5			
2020/21-2	MO-FIL	matrix spike	2/9/2021	Conventional	COD	n/a	=	223	mg/L	EPA 410.4	11	20			
2020/21-2	MO-FIL	matrix spike dup	2/9/2021	Conventional	COD	n/a	=	220	mg/L	EPA 410.4	11	20			
2020/21-2	MO-FIL	matrix spike dup, rec	2/9/2021	Conventional	COD	n/a	=	93	%	EPA 410.4	-88	-88	90	110	
2020/21-2	MO-FIL	matrix spike, rec	2/9/2021	Conventional	COD	n/a	=	95	%	EPA 410.4	-88	-88	90	110	
2020/21-2	MO-FIL	matrix spike, RPD	2/9/2021	Conventional	COD	n/a	=	1	%	EPA 410.4	-88	-88	0	15	
2020/21-2	000NONPJ	matrix spike	2/3/2021	Conventional	Cyanide	Total	=	0.0486	mg/L	ASTM D7511	0.0003	0.002			
2020/21-2	000NONPJ	matrix spike, rec	2/3/2021	Conventional	Cyanide	Total	=	96	%	ASTM D7511	-88	-88	64	136	
2020/21-2	000NONPJ	matrix spike dup	2/3/2021	Conventional	Cyanide	Total	=	0.0491	mg/L	ASTM D7511	0.0003	0.002			
2020/21-2	000NONPJ	matrix spike dup, rec	2/3/2021	Conventional	Cyanide	Total	=	97	%	ASTM D7511	-88	-88	64	136	
2020/21-2	000NONPJ	matrix spike, RPD	2/3/2021	Conventional	Cyanide	Total	=	1	%	ASTM D7511	-88	-88	0	47	
2020/21-2	000NONPJ	matrix spike	2/9/2021	Conventional	Cyanide	Total	=	0.0492	mg/L	ASTM D7511	0.0003	0.002			
2020/21-2	000NONPJ	matrix spike, rec	2/9/2021	Conventional	Cyanide	Total	=	98	%	ASTM D7511	-88	-88	64	136	
2020/21-2	000NONPJ	matrix spike dup	2/9/2021	Conventional	Cyanide	Total	=	0.0517	mg/L	ASTM D7511	0.0003	0.002			
2020/21-2	000NONPJ	matrix spike dup, rec	2/9/2021	Conventional	Cyanide	Total	=	103	%	ASTM D7511	-88	-88	64	136	
2020/21-2	000NONPJ	matrix spike, RPD	2/9/2021	Conventional	Cyanide	Total	=	5	%	ASTM D7511	-88	-88	0	47	
2020/21-2	Lab	LCS	2/3/2021	Conventional	Cyanide	Total	=	0.0491	mg/L	ASTM D7511	0.0003	0.002			
2020/21-2	Lab	LCS, rec	2/3/2021	Conventional	Cyanide	Total	=	98	%	ASTM D7511	-88	-88	84	116	
2020/21-2	Lab	method blank	2/3/2021	Conventional	Cyanide	Total	<	0.0003	mg/L	ASTM D7511	0.0003	0.002			
2020/21-2	Lab	method blank	2/3/2021	Conventional	Cyanide	Total	DNQ	0.0004	mg/L	ASTM D7511	0.0003	0.002			IP
2020/21-2	Lab	LCS	2/3/2021	Conventional	Cyanide	Total	=	0.0489	mg/L	ASTM D7511	0.0003	0.002			
2020/21-2	Lab	LCS, rec	2/3/2021	Conventional	Cyanide	Total	=	98	%	ASTM D7511	-88	-88	84	116	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2020/21-2	Lab	LCS	2/9/2021	Conventional	Cyanide	Total	=	0.0501	mg/L	ASTM D7511	0.0003	0.002			
2020/21-2	Lab	LCS, rec	2/9/2021	Conventional	Cyanide	Total	=	100	%	ASTM D7511	-88	-88	84	116	
2020/21-2	Lab	method blank	2/9/2021	Conventional	Cyanide	Total	<	0.0003	mg/L	ASTM D7511	0.0003	0.002			
2020/21-2	Lab	method blank	2/9/2021	Conventional	Cyanide	Total	<	0.0003	mg/L	ASTM D7511	0.0003	0.002			
2020/21-2	Lab	LCS	2/9/2021	Conventional	Cyanide	Total	=	0.0489	mg/L	ASTM D7511	0.0003	0.002			
2020/21-2	Lab	LCS, rec	2/9/2021	Conventional	Cyanide	Total	=	98	%	ASTM D7511	-88	-88	84	116	
2020/21-2	ME-VR2	matrix spike	2/3/2021	Conventional	Cyanide	Total	=	0.0495	mg/L	ASTM D7511	0.0003	0.002			
2020/21-2	ME-VR2	matrix spike, rec	2/3/2021	Conventional	Cyanide	Total	=	97	%	ASTM D7511	-88	-88	64	136	
2020/21-2	ME-VR2	matrix spike dup	2/3/2021	Conventional	Cyanide	Total	=	0.051	mg/L	ASTM D7511	0.0003	0.002			
2020/21-2	ME-VR2	matrix spike dup, rec	2/3/2021	Conventional	Cyanide	Total	=	100	%	ASTM D7511	-88	-88	64	136	
2020/21-2	ME-VR2	matrix spike, RPD	2/3/2021	Conventional	Cyanide	Total	=	3	%	ASTM D7511	-88	-88	0	47	
2020/21-2	MO-MPK	field blank	2/9/2021	Conventional	Cyanide	Total	<	0.0003	mg/L	ASTM D7511	0.0003	0.002			
2020/21-2	MO-THO	field duplicate	2/9/2021	Conventional	Cyanide	Total	=	0.004	mg/L	ASTM D7511	0.0003	0.002			
2020/21-2	000NONPJ	matrix spike	1/30/2021	Conventional	MBAS	n/a	=	0.311	mg/L	SM 5540 C	0.017	0.05			
2020/21-2	000NONPJ	matrix spike, rec	1/30/2021	Conventional	MBAS	n/a	=	98	%	SM 5540 C	-88	-88	74	123	
2020/21-2	000NONPJ	matrix spike dup	1/30/2021	Conventional	MBAS	n/a	=	0.301	mg/L	SM 5540 C	0.017	0.05			
2020/21-2	000NONPJ	matrix spike dup, rec	1/30/2021	Conventional	MBAS	n/a	=	93	%	SM 5540 C	-88	-88	74	123	
2020/21-2	000NONPJ	matrix spike, RPD	1/30/2021	Conventional	MBAS	n/a	=	3	%	SM 5540 C	-88	-88	0	20	
2020/21-2	Lab	LCS	1/30/2021	Conventional	MBAS	n/a	=	0.2	mg/L	SM 5540 C	0.017	0.05			
2020/21-2	Lab	LCS, rec	1/30/2021	Conventional	MBAS	n/a	=	100	%	SM 5540 C	-88	-88	82	115	
2020/21-2	Lab	method blank	1/30/2021	Conventional	MBAS	n/a	<	0.017	mg/L	SM 5540 C	0.017	0.05			
2020/21-2	000NONPJ	matrix spike	2/11/2021	Conventional	Phenolics	n/a	=	0.263	mg/L	EPA 420.4	0.0032	0.01			
2020/21-2	000NONPJ	matrix spike dup	2/11/2021	Conventional	Phenolics	n/a	=	0.259	mg/L	EPA 420.4	0.0032	0.01			
2020/21-2	000NONPJ	matrix spike dup, rec	2/11/2021	Conventional	Phenolics	n/a	=	104	%	EPA 420.4	-88	-88	90	110	
2020/21-2	000NONPJ	matrix spike, rec	2/11/2021	Conventional	Phenolics	n/a	=	105	%	EPA 420.4	-88	-88	90	110	
2020/21-2	000NONPJ	matrix spike, RPD	2/11/2021	Conventional	Phenolics	n/a	=	2	%	EPA 420.4	-88	-88	0	20	
2020/21-2	Lab	LCS	2/5/2021	Conventional	Phenolics	n/a	=	0.101	mg/L	EPA 420.4	0.0032	0.01			
2020/21-2	Lab	LCS, rec	2/5/2021	Conventional	Phenolics	n/a	=	101	%	EPA 420.4	-88	-88	90	110	
2020/21-2	Lab	method blank	2/5/2021	Conventional	Phenolics	n/a	<	0.0032	mg/L	EPA 420.4	0.0032	0.01			
2020/21-2	Lab	LCS	2/11/2021	Conventional	Phenolics	n/a	=	0.102	mg/L	EPA 420.4	0.0032	0.01			
2020/21-2	Lab	LCS, rec	2/11/2021	Conventional	Phenolics	n/a	=	102	%	EPA 420.4	-88	-88	90	110	
2020/21-2	Lab	method blank	2/11/2021	Conventional	Phenolics	n/a	<	0.0032	mg/L	EPA 420.4	0.0032	0.01			
2020/21-2	MO-SIM	matrix spike	2/5/2021	Conventional	Phenolics	n/a	=	0.371	mg/L	EPA 420.4	0.0032	0.01			
2020/21-2	MO-SIM	matrix spike dup	2/5/2021	Conventional	Phenolics	n/a	=	0.366	mg/L	EPA 420.4	0.0032	0.01			
2020/21-2	MO-SIM	matrix spike dup, rec	2/5/2021	Conventional	Phenolics	n/a	=	91	%	EPA 420.4	-88	-88	90	110	
2020/21-2	MO-SIM	matrix spike, rec	2/5/2021	Conventional	Phenolics	n/a	=	92	%	EPA 420.4	-88	-88	90	110	
2020/21-2	MO-SIM	matrix spike, RPD	2/5/2021	Conventional	Phenolics	n/a	=	1	%	EPA 420.4	-88	-88	0	20	
2020/21-2	000NONPJ	lab duplicate	2/3/2021	Conventional	Specific Conductance	n/a	=	39	µmhos/cm	SM 2510 B	0.23	2		5	
2020/21-2	Lab	method blank	2/3/2021	Conventional	Specific Conductance	n/a	DNQ	0.67	µmhos/cm	SM 2510 B	0.23	2			IP
2020/21-2	Lab	LCS	2/3/2021	Conventional	Specific Conductance	n/a	=	452	µmhos/cm	SM 2510 B	0.23	2			
2020/21-2	Lab	LCS, rec	2/3/2021	Conventional	Specific Conductance	n/a	=	102	%	SM 2510 B	-88	-88	95	105	
2020/21-2	Lab	LCS	1/30/2021	Conventional	Total Chlorine Residual	n/a	=	0.208	mg/L	SM 4500-Cl G	0.0076	0.05			
2020/21-2	Lab	LCS, rec	1/30/2021	Conventional	Total Chlorine Residual	n/a	=	104	%	SM 4500-Cl G	-88	-88	85	110	
2020/21-2	Lab	method blank	1/30/2021	Conventional	Total Chlorine Residual	n/a	<	0.0076	mg/L	SM 4500-Cl G	0.0076	0.05			
2020/21-2	ME-CC	lab duplicate	1/30/2021	Conventional	Total Chlorine Residual	n/a	DNQ	0.21	mg/L	SM 4500-Cl G	0.076	0.5		15	BV
2020/21-2	ME-CC	matrix spike	1/30/2021	Conventional	Total Chlorine Residual	n/a	=	2.2	mg/L	SM 4500-Cl G	0.076	0.5			
2020/21-2	ME-CC	matrix spike dup	1/30/2021	Conventional	Total Chlorine Residual	n/a	=	2.2	mg/L	SM 4500-Cl G	0.076	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	
2020/21-2	ME-CC	matrix spike dup, rec	1/30/2021	Conventional	Total Chlorine Residual	n/a	=	98	%	SM 4500-Cl G	-88	-88	78	114	
2020/21-2	ME-CC	matrix spike, rec	1/30/2021	Conventional	Total Chlorine Residual	n/a	=	98	%	SM 4500-Cl G	-88	-88	78	114	
2020/21-2	ME-CC	matrix spike, RPD	1/30/2021	Conventional	Total Chlorine Residual	n/a	=	0	%	SM 4500-Cl G	-88	-88	0	15	
2020/21-2	000NONPJ	lab duplicate	2/5/2021	Conventional	Total Dissolved Solids	n/a	=	98	mg/L	SM 2540 C	4	10		10	
2020/21-2	Lab	LCS	2/5/2021	Conventional	Total Dissolved Solids	n/a	=	839	mg/L	SM 2540 C	4	10			
2020/21-2	Lab	LCS, rec	2/5/2021	Conventional	Total Dissolved Solids	n/a	=	102	%	SM 2540 C	-88	-88	96	102	
2020/21-2	Lab	method blank	2/5/2021	Conventional	Total Dissolved Solids	n/a	<	4	mg/L	SM 2540 C	4	10			
2020/21-2	MO-HUE	lab duplicate	2/5/2021	Conventional	Total Dissolved Solids	n/a	=	1150	mg/L	SM 2540 C	4	10		10	
2020/21-2	000NONPJ	matrix spike	2/5/2021	Conventional	Total Organic Carbon	n/a	=	10.7	mg/L	SM 5310 B	0.096	0.3			
2020/21-2	000NONPJ	matrix spike dup	2/5/2021	Conventional	Total Organic Carbon	n/a	=	11.1	mg/L	SM 5310 B	0.096	0.3			GB
2020/21-2	000NONPJ	matrix spike dup, rec	2/5/2021	Conventional	Total Organic Carbon	n/a	=	116	%	SM 5310 B	-88	-88	76	115	GB
2020/21-2	000NONPJ	matrix spike, rec	2/5/2021	Conventional	Total Organic Carbon	n/a	=	107	%	SM 5310 B	-88	-88	76	115	
2020/21-2	000NONPJ	matrix spike, RPD	2/5/2021	Conventional	Total Organic Carbon	n/a	=	4	%	SM 5310 B	-88	-88	0	20	GB
2020/21-2	Lab	LCS	2/5/2021	Conventional	Total Organic Carbon	n/a	=	1.1	mg/L	SM 5310 B	0.096	0.3			
2020/21-2	Lab	LCS, rec	2/5/2021	Conventional	Total Organic Carbon	n/a	=	110	%	SM 5310 B	-88	-88	85	115	
2020/21-2	Lab	method blank	2/5/2021	Conventional	Total Organic Carbon	n/a	<	0.096	mg/L	SM 5310 B	0.096	0.3			
2020/21-2	000NONPJ	lab duplicate	2/5/2021	Conventional	Total Suspended Solids	n/a	=	370	mg/L	SM 2540 D	-88	5		20	
2020/21-2	Lab	LCS	2/5/2021	Conventional	Total Suspended Solids	n/a	=	55	mg/L	SM 2540 D	-88	5			
2020/21-2	Lab	LCS, rec	2/5/2021	Conventional	Total Suspended Solids	n/a	=	103	%	SM 2540 D	-88	-88	90	110	
2020/21-2	Lab	method blank	2/5/2021	Conventional	Total Suspended Solids	n/a	DNQ	0.2	mg/L	SM 2540 D	-88	5			IP
2020/21-2	ME-SCR	lab duplicate	2/5/2021	Conventional	Total Suspended Solids	n/a	=	6070	mg/L	SM 2540 D	-88	5		20	
2020/21-2	Lab	method blank	1/29/2021	Conventional	Turbidity	n/a	DNQ	0.02	NTU	EPA 180.1	0.017	0.1			IP
2020/21-2	Lab	LCS	1/29/2021	Conventional	Turbidity	n/a	=	9.97	NTU	EPA 180.1	0.017	0.1			
2020/21-2	Lab	LCS	1/29/2021	Conventional	Turbidity	n/a	=	4.03	NTU	EPA 180.1	0.017	0.1			
2020/21-2	Lab	LCS, rec	1/29/2021	Conventional	Turbidity	n/a	=	100	%	EPA 180.1	-88	-88	90	110	
2020/21-2	Lab	LCS, rec	1/29/2021	Conventional	Turbidity	n/a	=	101	%	EPA 180.1	-88	-88	90	110	
2020/21-2	ME-CC	lab duplicate	1/29/2021	Conventional	Turbidity	n/a	=	120	NTU	EPA 180.1	0.17	1		10	
2020/21-2	Lab	LCS	2/5/2021	Conventional	Volatile Suspended Solids	n/a	=	40	mg/L	EPA 160.4	0.093	0.15			
2020/21-2	Lab	LCS, rec	2/5/2021	Conventional	Volatile Suspended Solids	n/a	=	106	%	EPA 160.4	-88	-88	90	110	
2020/21-2	Lab	method blank	2/5/2021	Conventional	Volatile Suspended Solids	n/a	<	3.1	mg/L	EPA 160.4	3.1	5			
2020/21-2	ME-SCR	lab duplicate	2/5/2021	Conventional	Volatile Suspended Solids	n/a	=	520	mg/L	EPA 160.4	3.1	5		15	
2020/21-2	Lab	method blank	2/11/2021	Hydrocarbon	Diesel Range Organics	n/a	DNQ	0.0393	mg/L	EPA 8015B	0.032	0.1			IP
2020/21-2	Lab	LCS	2/11/2021	Hydrocarbon	Diesel Range Organics	n/a	=	0.375	mg/L	EPA 8015B	0.032	0.1			
2020/21-2	Lab	LCS, rec	2/11/2021	Hydrocarbon	Diesel Range Organics	n/a	=	75	%	EPA 8015B	-88	-88	56	136	
2020/21-2	Lab	LCS dup	2/11/2021	Hydrocarbon	Diesel Range Organics	n/a	=	0.354	mg/L	EPA 8015B	0.032	0.1			
2020/21-2	Lab	LCS dup, rec	2/11/2021	Hydrocarbon	Diesel Range Organics	n/a	=	71	%	EPA 8015B	-88	-88	56	136	
2020/21-2	Lab	LCS, RPD	2/11/2021	Hydrocarbon	Diesel Range Organics	n/a	=	6	%	EPA 8015B	-88	-88	0	25	
2020/21-2	Lab	LCS	1/31/2021	Hydrocarbon	Gasoline Range Organics	n/a	=	1.04	mg/L	LUFT GC/MS	0.065	0.1			
2020/21-2	Lab	LCS, rec	1/31/2021	Hydrocarbon	Gasoline Range Organics	n/a	=	104	%	LUFT GC/MS	-88	-88	53	136	
2020/21-2	Lab	LCS dup	1/31/2021	Hydrocarbon	Gasoline Range Organics	n/a	=	1.04	mg/L	LUFT GC/MS	0.065	0.1			
2020/21-2	Lab	LCS dup, rec	1/31/2021	Hydrocarbon	Gasoline Range Organics	n/a	=	104	%	LUFT GC/MS	-88	-88	53	136	
2020/21-2	Lab	LCS, RPD	1/31/2021	Hydrocarbon	Gasoline Range Organics	n/a	=	0	%	LUFT GC/MS	-88	-88	0	25	
2020/21-2	Lab	method blank	1/31/2021	Hydrocarbon	Gasoline Range Organics	n/a	<	0.065	mg/L	LUFT GC/MS	0.065	0.1			
2020/21-2	Lab	LCS	2/1/2021	Hydrocarbon	Gasoline Range Organics	n/a	=	0.88	mg/L	LUFT GC/MS	0.065	0.1			
2020/21-2	Lab	LCS, rec	2/1/2021	Hydrocarbon	Gasoline Range Organics	n/a	=	88	%	LUFT GC/MS	-88	-88	53	136	
2020/21-2	Lab	LCS dup	2/1/2021	Hydrocarbon	Gasoline Range Organics	n/a	=	0.97	mg/L	LUFT GC/MS	0.065	0.1			
2020/21-2	Lab	LCS dup, rec	2/1/2021	Hydrocarbon	Gasoline Range Organics	n/a	=	97	%	LUFT GC/MS	-88	-88	53	136	

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Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2020/21-2	Lab	LCS, RPD	2/1/2021	Hydrocarbon	Gasoline Range Organics	n/a	=	10	%	LUFT GC/MS	-88	-88	0	25	
2020/21-2	Lab	method blank	2/1/2021	Hydrocarbon	Gasoline Range Organics	n/a	<	0.065	mg/L	LUFT GC/MS	0.065	0.1			
2020/21-2	MO-MPK	field blank	2/1/2021	Hydrocarbon	Gasoline Range Organics	n/a	<	0.065	mg/L	LUFT GC/MS	0.065	0.1			
2020/21-2	MO-THO	field duplicate	2/1/2021	Hydrocarbon	Gasoline Range Organics	n/a	<	0.065	mg/L	LUFT GC/MS	0.065	0.1			
2020/21-2	Lab	srgt method blank	2/11/2021	Hydrocarbon	n-Tetracosane	n/a	=	0.207	mg/L	EPA 8015B	-88	-88			
2020/21-2	Lab	srgt method blank, rec	2/11/2021	Hydrocarbon	n-Tetracosane	n/a	=	83	%	EPA 8015B	-88	-88	64	155	
2020/21-2	Lab	srgt LCS	2/11/2021	Hydrocarbon	n-Tetracosane	n/a	=	0.293	mg/L	EPA 8015B	-88	-88			
2020/21-2	Lab	srgt LCS, rec	2/11/2021	Hydrocarbon	n-Tetracosane	n/a	=	117	%	EPA 8015B	-88	-88	64	155	
2020/21-2	Lab	srgt LCS dup	2/11/2021	Hydrocarbon	n-Tetracosane	n/a	=	0.301	mg/L	EPA 8015B	-88	-88			
2020/21-2	Lab	srgt LCS dup, rec	2/11/2021	Hydrocarbon	n-Tetracosane	n/a	=	121	%	EPA 8015B	-88	-88	64	155	
2020/21-2	ME-CC	srgt environ	2/11/2021	Hydrocarbon	n-Tetracosane	n/a	=	1.98	mg/L	EPA 8015B	-88	-88			
2020/21-2	ME-CC	srgt environ, rec	2/11/2021	Hydrocarbon	n-Tetracosane	n/a	=	79	%	EPA 8015B	-88	-88	64	155	
2020/21-2	ME-SCR	srgt environ	2/11/2021	Hydrocarbon	n-Tetracosane	n/a	=	2.69	mg/L	EPA 8015B	-88	-88			
2020/21-2	ME-SCR	srgt environ, rec	2/11/2021	Hydrocarbon	n-Tetracosane	n/a	=	108	%	EPA 8015B	-88	-88	64	155	
2020/21-2	ME-VR2	srgt environ	2/11/2021	Hydrocarbon	n-Tetracosane	n/a	=	0.236	mg/L	EPA 8015B	-88	-88			
2020/21-2	ME-VR2	srgt environ, rec	2/11/2021	Hydrocarbon	n-Tetracosane	n/a	=	94	%	EPA 8015B	-88	-88	64	155	
2020/21-2	MO-CAM	srgt environ	2/11/2021	Hydrocarbon	n-Tetracosane	n/a	=	0.242	mg/L	EPA 8015B	-88	-88			
2020/21-2	MO-CAM	srgt environ, rec	2/11/2021	Hydrocarbon	n-Tetracosane	n/a	=	97	%	EPA 8015B	-88	-88	64	155	
2020/21-2	MO-FIL	srgt environ	2/11/2021	Hydrocarbon	n-Tetracosane	n/a	=	0.231	mg/L	EPA 8015B	-88	-88			
2020/21-2	MO-FIL	srgt environ, rec	2/11/2021	Hydrocarbon	n-Tetracosane	n/a	=	92	%	EPA 8015B	-88	-88	64	155	
2020/21-2	MO-HUE	srgt environ	2/12/2021	Hydrocarbon	n-Tetracosane	n/a	=	0.251	mg/L	EPA 8015B	-88	-88			
2020/21-2	MO-HUE	srgt environ, rec	2/12/2021	Hydrocarbon	n-Tetracosane	n/a	=	100	%	EPA 8015B	-88	-88	64	155	
2020/21-2	MO-MEI	srgt environ	2/11/2021	Hydrocarbon	n-Tetracosane	n/a	=	0.242	mg/L	EPA 8015B	-88	-88			
2020/21-2	MO-MEI	srgt environ, rec	2/11/2021	Hydrocarbon	n-Tetracosane	n/a	=	97	%	EPA 8015B	-88	-88	64	155	
2020/21-2	MO-MPK	srgt environ	2/12/2021	Hydrocarbon	n-Tetracosane	n/a	=	0.266	mg/L	EPA 8015B	-88	-88			
2020/21-2	MO-MPK	srgt environ, rec	2/12/2021	Hydrocarbon	n-Tetracosane	n/a	=	107	%	EPA 8015B	-88	-88	64	155	
2020/21-2	MO-OJA	srgt environ	2/11/2021	Hydrocarbon	n-Tetracosane	n/a	=	1.92	mg/L	EPA 8015B	-88	-88			
2020/21-2	MO-OJA	srgt environ, rec	2/11/2021	Hydrocarbon	n-Tetracosane	n/a	=	77	%	EPA 8015B	-88	-88	64	155	
2020/21-2	MO-OXN	srgt environ	2/12/2021	Hydrocarbon	n-Tetracosane	n/a	=	0.237	mg/L	EPA 8015B	-88	-88			
2020/21-2	MO-OXN	srgt environ, rec	2/12/2021	Hydrocarbon	n-Tetracosane	n/a	=	95	%	EPA 8015B	-88	-88	64	155	
2020/21-2	MO-SIM	srgt environ	2/11/2021	Hydrocarbon	n-Tetracosane	n/a	=	0.526	mg/L	EPA 8015B	-88	-88			
2020/21-2	MO-SIM	srgt environ, rec	2/11/2021	Hydrocarbon	n-Tetracosane	n/a	=	105	%	EPA 8015B	-88	-88	64	155	
2020/21-2	MO-SPA	srgt environ	2/11/2021	Hydrocarbon	n-Tetracosane	n/a	=	0.217	mg/L	EPA 8015B	-88	-88			
2020/21-2	MO-SPA	srgt environ, rec	2/11/2021	Hydrocarbon	n-Tetracosane	n/a	=	87	%	EPA 8015B	-88	-88	64	155	
2020/21-2	MO-THO	srgt environ	2/12/2021	Hydrocarbon	n-Tetracosane	n/a	=	1.03	mg/L	EPA 8015B	-88	-88			
2020/21-2	MO-THO	srgt environ, rec	2/12/2021	Hydrocarbon	n-Tetracosane	n/a	=	103	%	EPA 8015B	-88	-88	64	155	
2020/21-2	MO-VEN	srgt environ	2/11/2021	Hydrocarbon	n-Tetracosane	n/a	=	0.218	mg/L	EPA 8015B	-88	-88			
2020/21-2	MO-VEN	srgt environ, rec	2/11/2021	Hydrocarbon	n-Tetracosane	n/a	=	87	%	EPA 8015B	-88	-88	64	155	
2020/21-2	000NONPJ	matrix spike	2/10/2021	Hydrocarbon	Oil and Grease	n/a	=	171	mg/L	EPA 1664B	0.7	5			
2020/21-2	000NONPJ	matrix spike, rec	2/10/2021	Hydrocarbon	Oil and Grease	n/a	=	90	%	EPA 1664B	-88	-88	78	114	
2020/21-2	Lab	LCS	2/10/2021	Hydrocarbon	Oil and Grease	n/a	=	16.5	mg/L	EPA 1664B	0.7	5			
2020/21-2	Lab	LCS	2/10/2021	Hydrocarbon	Oil and Grease	n/a	DNQ	4.6	mg/L	EPA 1664B	0.7	5			
2020/21-2	Lab	LCS dup	2/10/2021	Hydrocarbon	Oil and Grease	n/a	=	16.2	mg/L	EPA 1664B	0.7	5			
2020/21-2	Lab	LCS dup, rec	2/10/2021	Hydrocarbon	Oil and Grease	n/a	=	81	%	EPA 1664B	-88	-88	78	114	
2020/21-2	Lab	LCS, rec	2/10/2021	Hydrocarbon	Oil and Grease	n/a	=	92	%	EPA 1664B	-88	-88	78	114	
2020/21-2	Lab	LCS, rec	2/10/2021	Hydrocarbon	Oil and Grease	n/a	=	82	%	EPA 1664B	-88	-88	78	114	
2020/21-2	Lab	LCS, RPD	2/10/2021	Hydrocarbon	Oil and Grease	n/a	=	2	%	EPA 1664B	-88	-88	0	18	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2020/21-2	Lab	method blank	2/10/2021	Hydrocarbon	Oil and Grease	n/a	<	0.7	mg/L	EPA 1664B	0.7	5			
2020/21-2	Lab	LCS	2/16/2021	Hydrocarbon	Oil and Grease	n/a	DNQ	4.4	mg/L	EPA 1664B	0.7	5			
2020/21-2	Lab	LCS	2/16/2021	Hydrocarbon	Oil and Grease	n/a	=	16.6	mg/L	EPA 1664B	0.7	5			
2020/21-2	Lab	LCS dup	2/16/2021	Hydrocarbon	Oil and Grease	n/a	=	15.5	mg/L	EPA 1664B	0.7	5			
2020/21-2	Lab	LCS dup, rec	2/16/2021	Hydrocarbon	Oil and Grease	n/a	=	78	%	EPA 1664B	-88	-88	78	114	
2020/21-2	Lab	LCS, rec	2/16/2021	Hydrocarbon	Oil and Grease	n/a	=	88	%	EPA 1664B	-88	-88	78	114	
2020/21-2	Lab	LCS, rec	2/16/2021	Hydrocarbon	Oil and Grease	n/a	=	83	%	EPA 1664B	-88	-88	78	114	
2020/21-2	Lab	LCS, RPD	2/16/2021	Hydrocarbon	Oil and Grease	n/a	=	7	%	EPA 1664B	-88	-88	0	18	
2020/21-2	Lab	method blank	2/16/2021	Hydrocarbon	Oil and Grease	n/a	<	0.7	mg/L	EPA 1664B	0.7	5			
2020/21-2	Lab	LCS	2/16/2021	Hydrocarbon	Oil and Grease	n/a	=	15.9	mg/L	EPA 1664B	0.7	5			
2020/21-2	Lab	LCS	2/16/2021	Hydrocarbon	Oil and Grease	n/a	=	5.1	mg/L	EPA 1664B	0.7	5			
2020/21-2	Lab	LCS dup	2/16/2021	Hydrocarbon	Oil and Grease	n/a	=	16.5	mg/L	EPA 1664B	0.7	5			
2020/21-2	Lab	LCS dup, rec	2/16/2021	Hydrocarbon	Oil and Grease	n/a	=	82	%	EPA 1664B	-88	-88	78	114	
2020/21-2	Lab	LCS, rec	2/16/2021	Hydrocarbon	Oil and Grease	n/a	=	80	%	EPA 1664B	-88	-88	78	114	
2020/21-2	Lab	LCS, rec	2/16/2021	Hydrocarbon	Oil and Grease	n/a	=	102	%	EPA 1664B	-88	-88	78	114	
2020/21-2	Lab	LCS, RPD	2/16/2021	Hydrocarbon	Oil and Grease	n/a	=	4	%	EPA 1664B	-88	-88	0	18	
2020/21-2	Lab	method blank	2/16/2021	Hydrocarbon	Oil and Grease	n/a	<	0.7	mg/L	EPA 1664B	0.7	5			
2020/21-2	Lab	LCS	2/17/2021	Hydrocarbon	Oil and Grease	n/a	DNQ	4.4	mg/L	EPA 1664B	0.7	5			
2020/21-2	Lab	LCS	2/17/2021	Hydrocarbon	Oil and Grease	n/a	=	16.8	mg/L	EPA 1664B	0.7	5			
2020/21-2	Lab	LCS dup	2/17/2021	Hydrocarbon	Oil and Grease	n/a	=	17.1	mg/L	EPA 1664B	0.7	5			
2020/21-2	Lab	LCS dup, rec	2/17/2021	Hydrocarbon	Oil and Grease	n/a	=	86	%	EPA 1664B	-88	-88	78	114	
2020/21-2	Lab	LCS, rec	2/17/2021	Hydrocarbon	Oil and Grease	n/a	=	84	%	EPA 1664B	-88	-88	78	114	
2020/21-2	Lab	LCS, rec	2/17/2021	Hydrocarbon	Oil and Grease	n/a	=	88	%	EPA 1664B	-88	-88	78	114	
2020/21-2	Lab	LCS, RPD	2/17/2021	Hydrocarbon	Oil and Grease	n/a	=	2	%	EPA 1664B	-88	-88	0	18	
2020/21-2	Lab	method blank	2/17/2021	Hydrocarbon	Oil and Grease	n/a	<	0.7	mg/L	EPA 1664B	0.7	5			
2020/21-2	Lab	LCS	2/19/2021	Hydrocarbon	Oil and Grease	n/a	DNQ	4.2	mg/L	EPA 1664B	0.7	5			
2020/21-2	Lab	LCS	2/19/2021	Hydrocarbon	Oil and Grease	n/a	=	17.1	mg/L	EPA 1664B	0.7	5			
2020/21-2	Lab	LCS dup	2/19/2021	Hydrocarbon	Oil and Grease	n/a	=	15.8	mg/L	EPA 1664B	0.7	5			
2020/21-2	Lab	LCS dup, rec	2/19/2021	Hydrocarbon	Oil and Grease	n/a	=	79	%	EPA 1664B	-88	-88	78	114	
2020/21-2	Lab	LCS, rec	2/19/2021	Hydrocarbon	Oil and Grease	n/a	=	86	%	EPA 1664B	-88	-88	78	114	
2020/21-2	Lab	LCS, rec	2/19/2021	Hydrocarbon	Oil and Grease	n/a	=	84	%	EPA 1664B	-88	-88	78	114	
2020/21-2	Lab	LCS, RPD	2/19/2021	Hydrocarbon	Oil and Grease	n/a	=	8	%	EPA 1664B	-88	-88	0	18	
2020/21-2	Lab	method blank	2/19/2021	Hydrocarbon	Oil and Grease	n/a	<	0.7	mg/L	EPA 1664B	0.7	5			
2020/21-2	MO-MPK	field blank	2/16/2021	Hydrocarbon	Oil and Grease	n/a	DNQ	1.7	mg/L	EPA 1664B	0.7	5			
2020/21-2	MO-THO	field duplicate	2/10/2021	Hydrocarbon	Oil and Grease	n/a	DNQ	1.2	mg/L	EPA 1664B	0.7	5			
2020/21-2	Lab	method blank	2/11/2021	Hydrocarbon	Oil Range Organics	n/a	<	0.33	mg/L	EPA 8015B	0.33	0.5			
2020/21-2	Lab	method blank	2/9/2021	Metal	Aluminum	Dissolved	<	4.4	µg/L	EPA 200.8	4.4	20			
2020/21-2	Lab	LCS	2/9/2021	Metal	Aluminum	Dissolved	=	50.6	µg/L	EPA 200.8	4.4	20			
2020/21-2	Lab	LCS, rec	2/9/2021	Metal	Aluminum	Dissolved	=	101	%	EPA 200.8	-88	-88	85	115	
2020/21-2	Lab	method blank	2/10/2021	Metal	Aluminum	Dissolved	<	4.4	µg/L	EPA 200.8	4.4	20			
2020/21-2	Lab	LCS	2/10/2021	Metal	Aluminum	Dissolved	=	49.5	µg/L	EPA 200.8	4.4	20			
2020/21-2	Lab	LCS, rec	2/10/2021	Metal	Aluminum	Dissolved	=	99	%	EPA 200.8	-88	-88	85	115	
2020/21-2	Lab	method blank	2/9/2021	Metal	Aluminum	Total	<	4.4	µg/L	EPA 200.8	4.4	20			
2020/21-2	Lab	LCS	2/9/2021	Metal	Aluminum	Total	=	50.6	µg/L	EPA 200.8	4.4	20			
2020/21-2	Lab	LCS, rec	2/9/2021	Metal	Aluminum	Total	=	101	%	EPA 200.8	-88	-88	85	115	
2020/21-2	Lab	method blank	2/10/2021	Metal	Aluminum	Total	<	4.4	µg/L	EPA 200.8	4.4	20			
2020/21-2	Lab	LCS	2/10/2021	Metal	Aluminum	Total	=	49.5	µg/L	EPA 200.8	4.4	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	
2020/21-2	Lab	LCS, rec	2/10/2021	Metal	Aluminum	Total	=	99	%	EPA 200.8	-88	-88	85	115	
2020/21-2	MO-FIL	matrix spike	2/9/2021	Metal	Aluminum	Total	=	878	µg/L	EPA 200.8	4.4	20			GB
2020/21-2	MO-FIL	matrix spike, rec	2/9/2021	Metal	Aluminum	Total	=	53	%	EPA 200.8	-88	-88	70	130	GB
2020/21-2	MO-FIL	matrix spike dup	2/9/2021	Metal	Aluminum	Total	=	865	µg/L	EPA 200.8	4.4	20			GB
2020/21-2	MO-FIL	matrix spike dup, rec	2/9/2021	Metal	Aluminum	Total	=	25	%	EPA 200.8	-88	-88	70	130	GB
2020/21-2	MO-FIL	matrix spike, RPD	2/9/2021	Metal	Aluminum	Total	=	2	%	EPA 200.8	-88	-88	0	30	GB
2020/21-2	MO-OJA	matrix spike	2/10/2021	Metal	Aluminum	Total	=	4810	µg/L	EPA 200.8	4.4	20			GB
2020/21-2	MO-OJA	matrix spike, rec	2/10/2021	Metal	Aluminum	Total	=	372	%	EPA 200.8	-88	-88	70	130	GB
2020/21-2	MO-OJA	matrix spike dup	2/10/2021	Metal	Aluminum	Total	=	4590	µg/L	EPA 200.8	4.4	20			GB
2020/21-2	MO-OJA	matrix spike dup, rec	2/10/2021	Metal	Aluminum	Total	=	-68	%	EPA 200.8	-88	-88	70	130	GB
2020/21-2	MO-OJA	matrix spike, RPD	2/10/2021	Metal	Aluminum	Total	=	5	%	EPA 200.8	-88	-88	0	30	GB
2020/21-2	MO-SPA	matrix spike	2/9/2021	Metal	Aluminum	Total	=	3420	µg/L	EPA 200.8	4.4	20			GB
2020/21-2	MO-SPA	matrix spike, rec	2/9/2021	Metal	Aluminum	Total	=	-273	%	EPA 200.8	-88	-88	70	130	GB
2020/21-2	MO-SPA	matrix spike dup	2/9/2021	Metal	Aluminum	Total	=	3440	µg/L	EPA 200.8	4.4	20			GB
2020/21-2	MO-SPA	matrix spike dup, rec	2/9/2021	Metal	Aluminum	Total	=	-23	%	EPA 200.8	-88	-88	70	130	GB
2020/21-2	MO-SPA	matrix spike, RPD	2/9/2021	Metal	Aluminum	Total	=	0.6	%	EPA 200.8	-88	-88	0	30	GB
2020/21-2	Lab	method blank	2/9/2021	Metal	Antimony	Dissolved	<	0.089	µg/L	EPA 200.8	0.089	0.5			
2020/21-2	Lab	LCS	2/9/2021	Metal	Antimony	Dissolved	=	50.2	µg/L	EPA 200.8	0.089	0.5			
2020/21-2	Lab	LCS, rec	2/9/2021	Metal	Antimony	Dissolved	=	100	%	EPA 200.8	-88	-88	85	115	
2020/21-2	Lab	method blank	2/10/2021	Metal	Antimony	Dissolved	<	0.089	µg/L	EPA 200.8	0.089	0.5			
2020/21-2	Lab	LCS	2/10/2021	Metal	Antimony	Dissolved	=	49.7	µg/L	EPA 200.8	0.089	0.5			
2020/21-2	Lab	LCS, rec	2/10/2021	Metal	Antimony	Dissolved	=	100	%	EPA 200.8	-88	-88	85	115	
2020/21-2	Lab	method blank	2/9/2021	Metal	Antimony	Total	<	0.089	µg/L	EPA 200.8	0.089	0.5			
2020/21-2	Lab	LCS	2/9/2021	Metal	Antimony	Total	=	50.2	µg/L	EPA 200.8	0.089	0.5			
2020/21-2	Lab	LCS, rec	2/9/2021	Metal	Antimony	Total	=	100	%	EPA 200.8	-88	-88	85	115	
2020/21-2	Lab	method blank	2/10/2021	Metal	Antimony	Total	<	0.089	µg/L	EPA 200.8	0.089	0.5			
2020/21-2	Lab	LCS	2/10/2021	Metal	Antimony	Total	=	49.7	µg/L	EPA 200.8	0.089	0.5			
2020/21-2	Lab	LCS, rec	2/10/2021	Metal	Antimony	Total	=	100	%	EPA 200.8	-88	-88	85	115	
2020/21-2	MO-FIL	matrix spike	2/9/2021	Metal	Antimony	Total	=	48.8	µg/L	EPA 200.8	0.089	0.5			
2020/21-2	MO-FIL	matrix spike, rec	2/9/2021	Metal	Antimony	Total	=	97	%	EPA 200.8	-88	-88	70	130	
2020/21-2	MO-FIL	matrix spike dup	2/9/2021	Metal	Antimony	Total	=	49	µg/L	EPA 200.8	0.089	0.5			
2020/21-2	MO-FIL	matrix spike dup, rec	2/9/2021	Metal	Antimony	Total	=	97	%	EPA 200.8	-88	-88	70	130	
2020/21-2	MO-FIL	matrix spike, RPD	2/9/2021	Metal	Antimony	Total	=	0.5	%	EPA 200.8	-88	-88	0	30	
2020/21-2	MO-OJA	matrix spike	2/10/2021	Metal	Antimony	Total	=	41.2	µg/L	EPA 200.8	0.089	0.5			
2020/21-2	MO-OJA	matrix spike, rec	2/10/2021	Metal	Antimony	Total	=	82	%	EPA 200.8	-88	-88	70	130	
2020/21-2	MO-OJA	matrix spike dup	2/10/2021	Metal	Antimony	Total	=	41.3	µg/L	EPA 200.8	0.089	0.5			
2020/21-2	MO-OJA	matrix spike dup, rec	2/10/2021	Metal	Antimony	Total	=	82	%	EPA 200.8	-88	-88	70	130	
2020/21-2	MO-OJA	matrix spike, RPD	2/10/2021	Metal	Antimony	Total	=	0.3	%	EPA 200.8	-88	-88	0	30	
2020/21-2	MO-SPA	matrix spike	2/9/2021	Metal	Antimony	Total	=	45.6	µg/L	EPA 200.8	0.089	0.5			
2020/21-2	MO-SPA	matrix spike, rec	2/9/2021	Metal	Antimony	Total	=	88	%	EPA 200.8	-88	-88	70	130	
2020/21-2	MO-SPA	matrix spike dup	2/9/2021	Metal	Antimony	Total	=	45.2	µg/L	EPA 200.8	0.089	0.5			
2020/21-2	MO-SPA	matrix spike dup, rec	2/9/2021	Metal	Antimony	Total	=	88	%	EPA 200.8	-88	-88	70	130	
2020/21-2	MO-SPA	matrix spike, RPD	2/9/2021	Metal	Antimony	Total	=	0.9	%	EPA 200.8	-88	-88	0	30	
2020/21-2	Lab	method blank	2/9/2021	Metal	Arsenic	Dissolved	<	0.074	µg/L	EPA 200.8	0.074	0.4			
2020/21-2	Lab	LCS	2/9/2021	Metal	Arsenic	Dissolved	=	49.6	µg/L	EPA 200.8	0.074	0.4			
2020/21-2	Lab	LCS, rec	2/9/2021	Metal	Arsenic	Dissolved	=	99	%	EPA 200.8	-88	-88	85	115	
2020/21-2	Lab	method blank	2/10/2021	Metal	Arsenic	Dissolved	<	0.074	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	
2020/21-2	Lab	LCS	2/10/2021	Metal	Arsenic	Dissolved	=	50.8	µg/L	EPA 200.8	0.074	0.4			
2020/21-2	Lab	LCS, rec	2/10/2021	Metal	Arsenic	Dissolved	=	102	%	EPA 200.8	-88	-88	85	115	
2020/21-2	Lab	method blank	2/9/2021	Metal	Arsenic	Total	<	0.074	µg/L	EPA 200.8	0.074	0.4			
2020/21-2	Lab	LCS	2/9/2021	Metal	Arsenic	Total	=	49.6	µg/L	EPA 200.8	0.074	0.4			
2020/21-2	Lab	LCS, rec	2/9/2021	Metal	Arsenic	Total	=	99	%	EPA 200.8	-88	-88	85	115	
2020/21-2	Lab	method blank	2/10/2021	Metal	Arsenic	Total	<	0.074	µg/L	EPA 200.8	0.074	0.4			
2020/21-2	Lab	LCS	2/10/2021	Metal	Arsenic	Total	=	50.8	µg/L	EPA 200.8	0.074	0.4			
2020/21-2	Lab	LCS, rec	2/10/2021	Metal	Arsenic	Total	=	102	%	EPA 200.8	-88	-88	85	115	
2020/21-2	MO-FIL	matrix spike	2/9/2021	Metal	Arsenic	Total	=	49.9	µg/L	EPA 200.8	0.074	0.4			
2020/21-2	MO-FIL	matrix spike, rec	2/9/2021	Metal	Arsenic	Total	=	98	%	EPA 200.8	-88	-88	70	130	
2020/21-2	MO-FIL	matrix spike dup	2/9/2021	Metal	Arsenic	Total	=	50.1	µg/L	EPA 200.8	0.074	0.4			
2020/21-2	MO-FIL	matrix spike dup, rec	2/9/2021	Metal	Arsenic	Total	=	99	%	EPA 200.8	-88	-88	70	130	
2020/21-2	MO-FIL	matrix spike, RPD	2/9/2021	Metal	Arsenic	Total	=	0.5	%	EPA 200.8	-88	-88	0	30	
2020/21-2	MO-OJA	matrix spike	2/10/2021	Metal	Arsenic	Total	=	53.3	µg/L	EPA 200.8	0.074	0.4			
2020/21-2	MO-OJA	matrix spike, rec	2/10/2021	Metal	Arsenic	Total	=	102	%	EPA 200.8	-88	-88	70	130	
2020/21-2	MO-OJA	matrix spike dup	2/10/2021	Metal	Arsenic	Total	=	53.4	µg/L	EPA 200.8	0.074	0.4			
2020/21-2	MO-OJA	matrix spike dup, rec	2/10/2021	Metal	Arsenic	Total	=	103	%	EPA 200.8	-88	-88	70	130	
2020/21-2	MO-OJA	matrix spike, RPD	2/10/2021	Metal	Arsenic	Total	=	0.06	%	EPA 200.8	-88	-88	0	30	
2020/21-2	MO-SPA	matrix spike	2/9/2021	Metal	Arsenic	Total	=	50.5	µg/L	EPA 200.8	0.074	0.4			
2020/21-2	MO-SPA	matrix spike, rec	2/9/2021	Metal	Arsenic	Total	=	97	%	EPA 200.8	-88	-88	70	130	
2020/21-2	MO-SPA	matrix spike dup	2/9/2021	Metal	Arsenic	Total	=	50.1	µg/L	EPA 200.8	0.074	0.4			
2020/21-2	MO-SPA	matrix spike dup, rec	2/9/2021	Metal	Arsenic	Total	=	96	%	EPA 200.8	-88	-88	70	130	
2020/21-2	MO-SPA	matrix spike, RPD	2/9/2021	Metal	Arsenic	Total	=	0.6	%	EPA 200.8	-88	-88	0	30	
2020/21-2	Lab	method blank	2/9/2021	Metal	Barium	Total	<	0.14	µg/L	EPA 200.8	0.14	1			
2020/21-2	Lab	LCS	2/9/2021	Metal	Barium	Total	=	49.7	µg/L	EPA 200.8	0.14	1			
2020/21-2	Lab	LCS, rec	2/9/2021	Metal	Barium	Total	=	99	%	EPA 200.8	-88	-88	85	115	
2020/21-2	Lab	method blank	2/10/2021	Metal	Barium	Total	<	0.14	µg/L	EPA 200.8	0.14	1			
2020/21-2	Lab	LCS	2/10/2021	Metal	Barium	Total	=	49.4	µg/L	EPA 200.8	0.14	1			
2020/21-2	Lab	LCS, rec	2/10/2021	Metal	Barium	Total	=	99	%	EPA 200.8	-88	-88	85	115	
2020/21-2	MO-FIL	matrix spike	2/9/2021	Metal	Barium	Total	=	78.9	µg/L	EPA 200.8	0.14	1			
2020/21-2	MO-FIL	matrix spike, rec	2/9/2021	Metal	Barium	Total	=	97	%	EPA 200.8	-88	-88	70	130	
2020/21-2	MO-FIL	matrix spike dup	2/9/2021	Metal	Barium	Total	=	79.3	µg/L	EPA 200.8	0.14	1			
2020/21-2	MO-FIL	matrix spike dup, rec	2/9/2021	Metal	Barium	Total	=	98	%	EPA 200.8	-88	-88	70	130	
2020/21-2	MO-FIL	matrix spike, RPD	2/9/2021	Metal	Barium	Total	=	0.5	%	EPA 200.8	-88	-88	0	30	
2020/21-2	MO-OJA	matrix spike	2/10/2021	Metal	Barium	Total	=	118	µg/L	EPA 200.8	0.14	1			
2020/21-2	MO-OJA	matrix spike, rec	2/10/2021	Metal	Barium	Total	=	102	%	EPA 200.8	-88	-88	70	130	
2020/21-2	MO-OJA	matrix spike dup	2/10/2021	Metal	Barium	Total	=	117	µg/L	EPA 200.8	0.14	1			
2020/21-2	MO-OJA	matrix spike dup, rec	2/10/2021	Metal	Barium	Total	=	101	%	EPA 200.8	-88	-88	70	130	
2020/21-2	MO-OJA	matrix spike, RPD	2/10/2021	Metal	Barium	Total	=	0.5	%	EPA 200.8	-88	-88	0	30	
2020/21-2	MO-SPA	matrix spike	2/9/2021	Metal	Barium	Total	=	119	µg/L	EPA 200.8	0.14	1			
2020/21-2	MO-SPA	matrix spike, rec	2/9/2021	Metal	Barium	Total	=	95	%	EPA 200.8	-88	-88	70	130	
2020/21-2	MO-SPA	matrix spike dup	2/9/2021	Metal	Barium	Total	=	119	µg/L	EPA 200.8	0.14	1			
2020/21-2	MO-SPA	matrix spike dup, rec	2/9/2021	Metal	Barium	Total	=	95	%	EPA 200.8	-88	-88	70	130	
2020/21-2	MO-SPA	matrix spike, RPD	2/9/2021	Metal	Barium	Total	=	0.2	%	EPA 200.8	-88	-88	0	30	
2020/21-2	Lab	method blank	2/9/2021	Metal	Beryllium	Dissolved	<	0.062	µg/L	EPA 200.8	0.062	0.1			
2020/21-2	Lab	LCS	2/9/2021	Metal	Beryllium	Dissolved	=	46.7	µg/L	EPA 200.8	0.062	0.1			
2020/21-2	Lab	LCS, rec	2/9/2021	Metal	Beryllium	Dissolved	=	93	%	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	
2020/21-2	Lab	method blank	2/10/2021	Metal	Beryllium	Dissolved	<	0.062	µg/L	EPA 200.8	0.062	0.1			
2020/21-2	Lab	LCS	2/10/2021	Metal	Beryllium	Dissolved	=	46.8	µg/L	EPA 200.8	0.062	0.1			
2020/21-2	Lab	LCS, rec	2/10/2021	Metal	Beryllium	Dissolved	=	94	%	EPA 200.8	-88	-88	85	115	
2020/21-2	Lab	method blank	2/9/2021	Metal	Beryllium	Total	<	0.062	µg/L	EPA 200.8	0.062	0.1			
2020/21-2	Lab	LCS	2/9/2021	Metal	Beryllium	Total	=	46.7	µg/L	EPA 200.8	0.062	0.1			
2020/21-2	Lab	LCS, rec	2/9/2021	Metal	Beryllium	Total	=	93	%	EPA 200.8	-88	-88	85	115	
2020/21-2	Lab	method blank	2/10/2021	Metal	Beryllium	Total	<	0.062	µg/L	EPA 200.8	0.062	0.1			
2020/21-2	Lab	LCS	2/10/2021	Metal	Beryllium	Total	=	46.8	µg/L	EPA 200.8	0.062	0.1			
2020/21-2	Lab	LCS, rec	2/10/2021	Metal	Beryllium	Total	=	94	%	EPA 200.8	-88	-88	85	115	
2020/21-2	MO-FIL	matrix spike	2/9/2021	Metal	Beryllium	Total	=	48.3	µg/L	EPA 200.8	0.062	0.1			
2020/21-2	MO-FIL	matrix spike, rec	2/9/2021	Metal	Beryllium	Total	=	97	%	EPA 200.8	-88	-88	70	130	
2020/21-2	MO-FIL	matrix spike dup	2/9/2021	Metal	Beryllium	Total	=	47.4	µg/L	EPA 200.8	0.062	0.1			
2020/21-2	MO-FIL	matrix spike dup, rec	2/9/2021	Metal	Beryllium	Total	=	95	%	EPA 200.8	-88	-88	70	130	
2020/21-2	MO-FIL	matrix spike, RPD	2/9/2021	Metal	Beryllium	Total	=	2	%	EPA 200.8	-88	-88	0	30	
2020/21-2	MO-OJA	matrix spike	2/10/2021	Metal	Beryllium	Total	=	49.2	µg/L	EPA 200.8	0.062	0.1			
2020/21-2	MO-OJA	matrix spike, rec	2/10/2021	Metal	Beryllium	Total	=	98	%	EPA 200.8	-88	-88	70	130	
2020/21-2	MO-OJA	matrix spike dup	2/10/2021	Metal	Beryllium	Total	=	49.9	µg/L	EPA 200.8	0.062	0.1			
2020/21-2	MO-OJA	matrix spike dup, rec	2/10/2021	Metal	Beryllium	Total	=	100	%	EPA 200.8	-88	-88	70	130	
2020/21-2	MO-OJA	matrix spike, RPD	2/10/2021	Metal	Beryllium	Total	=	2	%	EPA 200.8	-88	-88	0	30	
2020/21-2	MO-SPA	matrix spike	2/9/2021	Metal	Beryllium	Total	=	47.1	µg/L	EPA 200.8	0.062	0.1			
2020/21-2	MO-SPA	matrix spike, rec	2/9/2021	Metal	Beryllium	Total	=	94	%	EPA 200.8	-88	-88	70	130	
2020/21-2	MO-SPA	matrix spike dup	2/9/2021	Metal	Beryllium	Total	=	46.7	µg/L	EPA 200.8	0.062	0.1			
2020/21-2	MO-SPA	matrix spike dup, rec	2/9/2021	Metal	Beryllium	Total	=	93	%	EPA 200.8	-88	-88	70	130	
2020/21-2	MO-SPA	matrix spike, RPD	2/9/2021	Metal	Beryllium	Total	=	0.8	%	EPA 200.8	-88	-88	0	30	
2020/21-2	Lab	method blank	2/9/2021	Metal	Cadmium	Dissolved	<	0.042	µg/L	EPA 200.8	0.042	0.2			
2020/21-2	Lab	LCS	2/9/2021	Metal	Cadmium	Dissolved	=	49.9	µg/L	EPA 200.8	0.042	0.2			
2020/21-2	Lab	LCS, rec	2/9/2021	Metal	Cadmium	Dissolved	=	100	%	EPA 200.8	-88	-88	85	115	
2020/21-2	Lab	method blank	2/10/2021	Metal	Cadmium	Dissolved	<	0.042	µg/L	EPA 200.8	0.042	0.2			
2020/21-2	Lab	LCS	2/10/2021	Metal	Cadmium	Dissolved	=	50.2	µg/L	EPA 200.8	0.042	0.2			
2020/21-2	Lab	LCS, rec	2/10/2021	Metal	Cadmium	Dissolved	=	100	%	EPA 200.8	-88	-88	85	115	
2020/21-2	Lab	method blank	2/9/2021	Metal	Cadmium	Total	<	0.042	µg/L	EPA 200.8	0.042	0.2			
2020/21-2	Lab	LCS	2/9/2021	Metal	Cadmium	Total	=	49.9	µg/L	EPA 200.8	0.042	0.2			
2020/21-2	Lab	LCS, rec	2/9/2021	Metal	Cadmium	Total	=	100	%	EPA 200.8	-88	-88	85	115	
2020/21-2	Lab	method blank	2/10/2021	Metal	Cadmium	Total	<	0.042	µg/L	EPA 200.8	0.042	0.2			
2020/21-2	Lab	LCS	2/10/2021	Metal	Cadmium	Total	=	50.2	µg/L	EPA 200.8	0.042	0.2			
2020/21-2	Lab	LCS, rec	2/10/2021	Metal	Cadmium	Total	=	100	%	EPA 200.8	-88	-88	85	115	
2020/21-2	MO-FIL	matrix spike	2/9/2021	Metal	Cadmium	Total	=	48.8	µg/L	EPA 200.8	0.042	0.2			
2020/21-2	MO-FIL	matrix spike, rec	2/9/2021	Metal	Cadmium	Total	=	97	%	EPA 200.8	-88	-88	70	130	
2020/21-2	MO-FIL	matrix spike dup	2/9/2021	Metal	Cadmium	Total	=	49.1	µg/L	EPA 200.8	0.042	0.2			
2020/21-2	MO-FIL	matrix spike dup, rec	2/9/2021	Metal	Cadmium	Total	=	97	%	EPA 200.8	-88	-88	70	130	
2020/21-2	MO-FIL	matrix spike, RPD	2/9/2021	Metal	Cadmium	Total	=	0.6	%	EPA 200.8	-88	-88	0	30	
2020/21-2	MO-OJA	matrix spike	2/10/2021	Metal	Cadmium	Total	=	51.2	µg/L	EPA 200.8	0.042	0.2			
2020/21-2	MO-OJA	matrix spike, rec	2/10/2021	Metal	Cadmium	Total	=	102	%	EPA 200.8	-88	-88	70	130	
2020/21-2	MO-OJA	matrix spike dup	2/10/2021	Metal	Cadmium	Total	=	51	µg/L	EPA 200.8	0.042	0.2			
2020/21-2	MO-OJA	matrix spike dup, rec	2/10/2021	Metal	Cadmium	Total	=	102	%	EPA 200.8	-88	-88	70	130	
2020/21-2	MO-OJA	matrix spike, RPD	2/10/2021	Metal	Cadmium	Total	=	0.4	%	EPA 200.8	-88	-88	0	30	
2020/21-2	MO-SPA	matrix spike	2/9/2021	Metal	Cadmium	Total	=	50	µg/L	EPA 200.8	0.042	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	
2020/21-2	MO-SPA	matrix spike, rec	2/9/2021	Metal	Cadmium	Total	=	99	%	EPA 200.8	-88	-88	70	130	
2020/21-2	MO-SPA	matrix spike dup	2/9/2021	Metal	Cadmium	Total	=	49.7	µg/L	EPA 200.8	0.042	0.2			
2020/21-2	MO-SPA	matrix spike dup, rec	2/9/2021	Metal	Cadmium	Total	=	99	%	EPA 200.8	-88	-88	70	130	
2020/21-2	MO-SPA	matrix spike, RPD	2/9/2021	Metal	Cadmium	Total	=	0.6	%	EPA 200.8	-88	-88	0	30	
2020/21-2	Lab	method blank	2/9/2021	Metal	Chromium	Dissolved	<	0.089	µg/L	EPA 200.8	0.089	0.2			
2020/21-2	Lab	LCS	2/9/2021	Metal	Chromium	Dissolved	=	49.9	µg/L	EPA 200.8	0.089	0.2			
2020/21-2	Lab	LCS, rec	2/9/2021	Metal	Chromium	Dissolved	=	100	%	EPA 200.8	-88	-88	85	115	
2020/21-2	Lab	method blank	2/10/2021	Metal	Chromium	Dissolved	<	0.089	µg/L	EPA 200.8	0.089	0.2			
2020/21-2	Lab	LCS	2/10/2021	Metal	Chromium	Dissolved	=	50.6	µg/L	EPA 200.8	0.089	0.2			
2020/21-2	Lab	LCS, rec	2/10/2021	Metal	Chromium	Dissolved	=	101	%	EPA 200.8	-88	-88	85	115	
2020/21-2	Lab	method blank	2/9/2021	Metal	Chromium	Total	<	0.089	µg/L	EPA 200.8	0.089	0.2			
2020/21-2	Lab	LCS	2/9/2021	Metal	Chromium	Total	=	49.9	µg/L	EPA 200.8	0.089	0.2			
2020/21-2	Lab	LCS, rec	2/9/2021	Metal	Chromium	Total	=	100	%	EPA 200.8	-88	-88	85	115	
2020/21-2	Lab	method blank	2/10/2021	Metal	Chromium	Total	<	0.089	µg/L	EPA 200.8	0.089	0.2			
2020/21-2	Lab	LCS	2/10/2021	Metal	Chromium	Total	=	50.6	µg/L	EPA 200.8	0.089	0.2			
2020/21-2	Lab	LCS, rec	2/10/2021	Metal	Chromium	Total	=	101	%	EPA 200.8	-88	-88	85	115	
2020/21-2	MO-FIL	matrix spike	2/9/2021	Metal	Chromium	Total	=	52.8	µg/L	EPA 200.8	0.089	0.2			
2020/21-2	MO-FIL	matrix spike, rec	2/9/2021	Metal	Chromium	Total	=	99	%	EPA 200.8	-88	-88	70	130	
2020/21-2	MO-FIL	matrix spike dup	2/9/2021	Metal	Chromium	Total	=	52.8	µg/L	EPA 200.8	0.089	0.2			
2020/21-2	MO-FIL	matrix spike dup, rec	2/9/2021	Metal	Chromium	Total	=	99	%	EPA 200.8	-88	-88	70	130	
2020/21-2	MO-FIL	matrix spike, RPD	2/9/2021	Metal	Chromium	Total	=	0.008	%	EPA 200.8	-88	-88	0	30	
2020/21-2	MO-OJA	matrix spike	2/10/2021	Metal	Chromium	Total	=	57.4	µg/L	EPA 200.8	0.089	0.2			
2020/21-2	MO-OJA	matrix spike, rec	2/10/2021	Metal	Chromium	Total	=	102	%	EPA 200.8	-88	-88	70	130	
2020/21-2	MO-OJA	matrix spike dup	2/10/2021	Metal	Chromium	Total	=	56.9	µg/L	EPA 200.8	0.089	0.2			
2020/21-2	MO-OJA	matrix spike dup, rec	2/10/2021	Metal	Chromium	Total	=	101	%	EPA 200.8	-88	-88	70	130	
2020/21-2	MO-OJA	matrix spike, RPD	2/10/2021	Metal	Chromium	Total	=	0.9	%	EPA 200.8	-88	-88	0	30	
2020/21-2	MO-SPA	matrix spike	2/9/2021	Metal	Chromium	Total	=	56.5	µg/L	EPA 200.8	0.089	0.2			
2020/21-2	MO-SPA	matrix spike, rec	2/9/2021	Metal	Chromium	Total	=	98	%	EPA 200.8	-88	-88	70	130	
2020/21-2	MO-SPA	matrix spike dup	2/9/2021	Metal	Chromium	Total	=	55.6	µg/L	EPA 200.8	0.089	0.2			
2020/21-2	MO-SPA	matrix spike dup, rec	2/9/2021	Metal	Chromium	Total	=	97	%	EPA 200.8	-88	-88	70	130	
2020/21-2	MO-SPA	matrix spike, RPD	2/9/2021	Metal	Chromium	Total	=	2	%	EPA 200.8	-88	-88	0	30	
2020/21-2	000NONPJ	matrix spike	2/3/2021	Metal	Chromium VI	n/a	=	6.63	µg/L	EPA 218.6	0.0079	0.02			
2020/21-2	000NONPJ	matrix spike, rec	2/3/2021	Metal	Chromium VI	n/a	=	103	%	EPA 218.6	-88	-88	88	112	
2020/21-2	000NONPJ	matrix spike dup	2/3/2021	Metal	Chromium VI	n/a	=	6.64	µg/L	EPA 218.6	0.0079	0.02			
2020/21-2	000NONPJ	matrix spike dup, rec	2/3/2021	Metal	Chromium VI	n/a	=	103	%	EPA 218.6	-88	-88	88	112	
2020/21-2	000NONPJ	matrix spike, RPD	2/3/2021	Metal	Chromium VI	n/a	=	0.1	%	EPA 218.6	-88	-88	0	10	
2020/21-2	000NONPJ	matrix spike	2/3/2021	Metal	Chromium VI	n/a	=	10.1	µg/L	EPA 218.6	0.0079	0.02			
2020/21-2	000NONPJ	matrix spike, rec	2/3/2021	Metal	Chromium VI	n/a	=	102	%	EPA 218.6	-88	-88	88	112	
2020/21-2	000NONPJ	matrix spike dup	2/3/2021	Metal	Chromium VI	n/a	=	10.2	µg/L	EPA 218.6	0.0079	0.02			
2020/21-2	000NONPJ	matrix spike dup, rec	2/3/2021	Metal	Chromium VI	n/a	=	104	%	EPA 218.6	-88	-88	88	112	
2020/21-2	000NONPJ	matrix spike, RPD	2/3/2021	Metal	Chromium VI	n/a	=	1	%	EPA 218.6	-88	-88	0	10	
2020/21-2	Lab	method blank	2/3/2021	Metal	Chromium VI	n/a	<	0.0079	µg/L	EPA 218.6	0.0079	0.02			
2020/21-2	Lab	LCS	2/3/2021	Metal	Chromium VI	n/a	=	5.06	µg/L	EPA 218.6	0.0079	0.02			
2020/21-2	Lab	LCS, rec	2/3/2021	Metal	Chromium VI	n/a	=	101	%	EPA 218.6	-88	-88	90	110	
2020/21-2	Lab	method blank	2/9/2021	Metal	Copper	Dissolved	<	0.23	µg/L	EPA 200.8	0.23	0.5			
2020/21-2	Lab	LCS	2/9/2021	Metal	Copper	Dissolved	=	52.4	µg/L	EPA 200.8	0.23	0.5			
2020/21-2	Lab	LCS, rec	2/9/2021	Metal	Copper	Dissolved	=	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	
2020/21-2	Lab	method blank	2/10/2021	Metal	Copper	Dissolved	<	0.23	µg/L	EPA 200.8	0.23	0.5			
2020/21-2	Lab	LCS	2/10/2021	Metal	Copper	Dissolved	=	52.1	µg/L	EPA 200.8	0.23	0.5			
2020/21-2	Lab	LCS, rec	2/10/2021	Metal	Copper	Dissolved	=	104	%	EPA 200.8	-88	-88	85	115	
2020/21-2	Lab	method blank	2/9/2021	Metal	Copper	Total	<	0.23	µg/L	EPA 200.8	0.23	0.5			
2020/21-2	Lab	LCS	2/9/2021	Metal	Copper	Total	=	52.4	µg/L	EPA 200.8	0.23	0.5			
2020/21-2	Lab	LCS, rec	2/9/2021	Metal	Copper	Total	=	105	%	EPA 200.8	-88	-88	85	115	
2020/21-2	Lab	method blank	2/10/2021	Metal	Copper	Total	<	0.23	µg/L	EPA 200.8	0.23	0.5			
2020/21-2	Lab	LCS	2/10/2021	Metal	Copper	Total	=	52.1	µg/L	EPA 200.8	0.23	0.5			
2020/21-2	Lab	LCS, rec	2/10/2021	Metal	Copper	Total	=	104	%	EPA 200.8	-88	-88	85	115	
2020/21-2	MO-FIL	matrix spike	2/9/2021	Metal	Copper	Total	=	58.7	µg/L	EPA 200.8	0.23	0.5			
2020/21-2	MO-FIL	matrix spike, rec	2/9/2021	Metal	Copper	Total	=	100	%	EPA 200.8	-88	-88	70	130	
2020/21-2	MO-FIL	matrix spike dup	2/9/2021	Metal	Copper	Total	=	58.9	µg/L	EPA 200.8	0.23	0.5			
2020/21-2	MO-FIL	matrix spike dup, rec	2/9/2021	Metal	Copper	Total	=	100	%	EPA 200.8	-88	-88	70	130	
2020/21-2	MO-FIL	matrix spike, RPD	2/9/2021	Metal	Copper	Total	=	0.4	%	EPA 200.8	-88	-88	0	30	
2020/21-2	MO-OJA	matrix spike	2/10/2021	Metal	Copper	Total	=	69.7	µg/L	EPA 200.8	0.23	0.5			
2020/21-2	MO-OJA	matrix spike, rec	2/10/2021	Metal	Copper	Total	=	100	%	EPA 200.8	-88	-88	70	130	
2020/21-2	MO-OJA	matrix spike dup	2/10/2021	Metal	Copper	Total	=	70.1	µg/L	EPA 200.8	0.23	0.5			
2020/21-2	MO-OJA	matrix spike dup, rec	2/10/2021	Metal	Copper	Total	=	101	%	EPA 200.8	-88	-88	70	130	
2020/21-2	MO-OJA	matrix spike, RPD	2/10/2021	Metal	Copper	Total	=	0.6	%	EPA 200.8	-88	-88	0	30	
2020/21-2	MO-SPA	matrix spike	2/9/2021	Metal	Copper	Total	=	75.7	µg/L	EPA 200.8	0.23	0.5			
2020/21-2	MO-SPA	matrix spike, rec	2/9/2021	Metal	Copper	Total	=	102	%	EPA 200.8	-88	-88	70	130	
2020/21-2	MO-SPA	matrix spike dup	2/9/2021	Metal	Copper	Total	=	74.8	µg/L	EPA 200.8	0.23	0.5			
2020/21-2	MO-SPA	matrix spike dup, rec	2/9/2021	Metal	Copper	Total	=	100	%	EPA 200.8	-88	-88	70	130	
2020/21-2	MO-SPA	matrix spike, RPD	2/9/2021	Metal	Copper	Total	=	1	%	EPA 200.8	-88	-88	0	30	
2020/21-2	Lab	method blank	2/9/2021	Metal	Iron	Dissolved	<	3.9	µg/L	EPA 200.8	3.9	20			
2020/21-2	Lab	LCS	2/9/2021	Metal	Iron	Dissolved	=	1100	µg/L	EPA 200.8	3.9	20			
2020/21-2	Lab	LCS, rec	2/9/2021	Metal	Iron	Dissolved	=	105	%	EPA 200.8	-88	-88	85	115	
2020/21-2	Lab	method blank	2/10/2021	Metal	Iron	Dissolved	<	3.9	µg/L	EPA 200.8	3.9	20			
2020/21-2	Lab	LCS	2/10/2021	Metal	Iron	Dissolved	=	1120	µg/L	EPA 200.8	3.9	20			
2020/21-2	Lab	LCS, rec	2/10/2021	Metal	Iron	Dissolved	=	107	%	EPA 200.8	-88	-88	85	115	
2020/21-2	Lab	method blank	2/9/2021	Metal	Iron	Total	<	3.9	µg/L	EPA 200.8	3.9	20			
2020/21-2	Lab	LCS	2/9/2021	Metal	Iron	Total	=	1100	µg/L	EPA 200.8	3.9	20			
2020/21-2	Lab	LCS, rec	2/9/2021	Metal	Iron	Total	=	105	%	EPA 200.8	-88	-88	85	115	
2020/21-2	Lab	method blank	2/10/2021	Metal	Iron	Total	<	3.9	µg/L	EPA 200.8	3.9	20			
2020/21-2	Lab	LCS	2/10/2021	Metal	Iron	Total	=	1120	µg/L	EPA 200.8	3.9	20			
2020/21-2	Lab	LCS, rec	2/10/2021	Metal	Iron	Total	=	107	%	EPA 200.8	-88	-88	85	115	
2020/21-2	MO-FIL	matrix spike	2/9/2021	Metal	Iron	Total	=	2250	µg/L	EPA 200.8	3.9	20			
2020/21-2	MO-FIL	matrix spike, rec	2/9/2021	Metal	Iron	Total	=	96	%	EPA 200.8	-88	-88	70	130	
2020/21-2	MO-FIL	matrix spike dup	2/9/2021	Metal	Iron	Total	=	2240	µg/L	EPA 200.8	3.9	20			
2020/21-2	MO-FIL	matrix spike dup, rec	2/9/2021	Metal	Iron	Total	=	95	%	EPA 200.8	-88	-88	70	130	
2020/21-2	MO-FIL	matrix spike, RPD	2/9/2021	Metal	Iron	Total	=	0.5	%	EPA 200.8	-88	-88	0	30	
2020/21-2	MO-OJA	matrix spike	2/10/2021	Metal	Iron	Total	=	6570	µg/L	EPA 200.8	3.9	20			
2020/21-2	MO-OJA	matrix spike, rec	2/10/2021	Metal	Iron	Total	=	112	%	EPA 200.8	-88	-88	70	130	
2020/21-2	MO-OJA	matrix spike dup	2/10/2021	Metal	Iron	Total	=	6450	µg/L	EPA 200.8	3.9	20			
2020/21-2	MO-OJA	matrix spike dup, rec	2/10/2021	Metal	Iron	Total	=	101	%	EPA 200.8	-88	-88	70	130	
2020/21-2	MO-OJA	matrix spike, RPD	2/10/2021	Metal	Iron	Total	=	2	%	EPA 200.8	-88	-88	0	30	
2020/21-2	MO-SPA	matrix spike	2/9/2021	Metal	Iron	Total	=	5790	µg/L	EPA 200.8	3.9	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	
2020/21-2	MO-SPA	matrix spike, rec	2/9/2021	Metal	Iron	Total	=	82	%	EPA 200.8	-88	-88	70	130	
2020/21-2	MO-SPA	matrix spike dup	2/9/2021	Metal	Iron	Total	=	5780	µg/L	EPA 200.8	3.9	20			
2020/21-2	MO-SPA	matrix spike dup, rec	2/9/2021	Metal	Iron	Total	=	80	%	EPA 200.8	-88	-88	70	130	
2020/21-2	MO-SPA	matrix spike, RPD	2/9/2021	Metal	Iron	Total	=	0.2	%	EPA 200.8	-88	-88	0	30	
2020/21-2	Lab	method blank	2/9/2021	Metal	Lead	Dissolved	<	0.083	µg/L	EPA 200.8	0.083	0.2			
2020/21-2	Lab	LCS	2/9/2021	Metal	Lead	Dissolved	=	50	µg/L	EPA 200.8	0.083	0.2			
2020/21-2	Lab	LCS, rec	2/9/2021	Metal	Lead	Dissolved	=	100	%	EPA 200.8	-88	-88	85	115	
2020/21-2	Lab	method blank	2/10/2021	Metal	Lead	Dissolved	<	0.083	µg/L	EPA 200.8	0.083	0.2			
2020/21-2	Lab	LCS	2/10/2021	Metal	Lead	Dissolved	=	49.9	µg/L	EPA 200.8	0.083	0.2			
2020/21-2	Lab	LCS, rec	2/10/2021	Metal	Lead	Dissolved	=	100	%	EPA 200.8	-88	-88	85	115	
2020/21-2	Lab	method blank	2/9/2021	Metal	Lead	Total	<	0.083	µg/L	EPA 200.8	0.083	0.2			
2020/21-2	Lab	LCS	2/9/2021	Metal	Lead	Total	=	50	µg/L	EPA 200.8	0.083	0.2			
2020/21-2	Lab	LCS, rec	2/9/2021	Metal	Lead	Total	=	100	%	EPA 200.8	-88	-88	85	115	
2020/21-2	Lab	method blank	2/10/2021	Metal	Lead	Total	<	0.083	µg/L	EPA 200.8	0.083	0.2			
2020/21-2	Lab	LCS	2/10/2021	Metal	Lead	Total	=	49.9	µg/L	EPA 200.8	0.083	0.2			
2020/21-2	Lab	LCS, rec	2/10/2021	Metal	Lead	Total	=	100	%	EPA 200.8	-88	-88	85	115	
2020/21-2	MO-FIL	matrix spike	2/9/2021	Metal	Lead	Total	=	50.9	µg/L	EPA 200.8	0.083	0.2			
2020/21-2	MO-FIL	matrix spike, rec	2/9/2021	Metal	Lead	Total	=	98	%	EPA 200.8	-88	-88	70	130	
2020/21-2	MO-FIL	matrix spike dup	2/9/2021	Metal	Lead	Total	=	51.7	µg/L	EPA 200.8	0.083	0.2			
2020/21-2	MO-FIL	matrix spike dup, rec	2/9/2021	Metal	Lead	Total	=	100	%	EPA 200.8	-88	-88	70	130	
2020/21-2	MO-FIL	matrix spike, RPD	2/9/2021	Metal	Lead	Total	=	2	%	EPA 200.8	-88	-88	0	30	
2020/21-2	MO-OJA	matrix spike	2/10/2021	Metal	Lead	Total	=	58.4	µg/L	EPA 200.8	0.083	0.2			
2020/21-2	MO-OJA	matrix spike, rec	2/10/2021	Metal	Lead	Total	=	102	%	EPA 200.8	-88	-88	70	130	
2020/21-2	MO-OJA	matrix spike dup	2/10/2021	Metal	Lead	Total	=	58.8	µg/L	EPA 200.8	0.083	0.2			
2020/21-2	MO-OJA	matrix spike dup, rec	2/10/2021	Metal	Lead	Total	=	103	%	EPA 200.8	-88	-88	70	130	
2020/21-2	MO-OJA	matrix spike, RPD	2/10/2021	Metal	Lead	Total	=	0.7	%	EPA 200.8	-88	-88	0	30	
2020/21-2	MO-SPA	matrix spike	2/9/2021	Metal	Lead	Total	=	64.5	µg/L	EPA 200.8	0.083	0.2			
2020/21-2	MO-SPA	matrix spike, rec	2/9/2021	Metal	Lead	Total	=	100	%	EPA 200.8	-88	-88	70	130	
2020/21-2	MO-SPA	matrix spike dup	2/9/2021	Metal	Lead	Total	=	63.9	µg/L	EPA 200.8	0.083	0.2			
2020/21-2	MO-SPA	matrix spike dup, rec	2/9/2021	Metal	Lead	Total	=	99	%	EPA 200.8	-88	-88	70	130	
2020/21-2	MO-SPA	matrix spike, RPD	2/9/2021	Metal	Lead	Total	=	1	%	EPA 200.8	-88	-88	0	30	
2020/21-2	Lab	method blank	2/7/2021	Metal	Mercury	Dissolved	<	17	ng/L	EPA 245.1	17	50			
2020/21-2	Lab	LCS	2/7/2021	Metal	Mercury	Dissolved	=	1050	ng/L	EPA 245.1	17	50			
2020/21-2	Lab	LCS, rec	2/7/2021	Metal	Mercury	Dissolved	=	105	%	EPA 245.1	-88	-88	85	115	
2020/21-2	Lab	method blank	2/8/2021	Metal	Mercury	Dissolved	<	17	ng/L	EPA 245.1	17	50			
2020/21-2	Lab	LCS	2/8/2021	Metal	Mercury	Dissolved	=	1050	ng/L	EPA 245.1	17	50			
2020/21-2	Lab	LCS, rec	2/8/2021	Metal	Mercury	Dissolved	=	105	%	EPA 245.1	-88	-88	85	115	
2020/21-2	Lab	method blank	2/7/2021	Metal	Mercury	Total	<	17	ng/L	EPA 245.1	17	50			
2020/21-2	Lab	LCS	2/7/2021	Metal	Mercury	Total	=	1050	ng/L	EPA 245.1	17	50			
2020/21-2	Lab	LCS, rec	2/7/2021	Metal	Mercury	Total	=	105	%	EPA 245.1	-88	-88	85	115	
2020/21-2	Lab	method blank	2/8/2021	Metal	Mercury	Total	<	17	ng/L	EPA 245.1	17	50			
2020/21-2	Lab	LCS	2/8/2021	Metal	Mercury	Total	=	1050	ng/L	EPA 245.1	17	50			
2020/21-2	Lab	LCS, rec	2/8/2021	Metal	Mercury	Total	=	105	%	EPA 245.1	-88	-88	85	115	
2020/21-2	ME-VR2	matrix spike	2/8/2021	Metal	Mercury	Total	=	1040	ng/L	EPA 245.1	17	50			
2020/21-2	ME-VR2	matrix spike, rec	2/8/2021	Metal	Mercury	Total	=	104	%	EPA 245.1	-88	-88	70	130	
2020/21-2	ME-VR2	matrix spike dup	2/8/2021	Metal	Mercury	Total	=	1040	ng/L	EPA 245.1	17	50			
2020/21-2	ME-VR2	matrix spike dup, rec	2/8/2021	Metal	Mercury	Total	=	104	%	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	
2020/21-2	ME-VR2	matrix spike, RPD	2/8/2021	Metal	Mercury	Total	=	0.7	%	EPA 245.1	-88	-88	0	20	
2020/21-2	MO-CAM	matrix spike	2/8/2021	Metal	Mercury	Total	=	1070	ng/L	EPA 245.1	17	50			
2020/21-2	MO-CAM	matrix spike, rec	2/8/2021	Metal	Mercury	Total	=	105	%	EPA 245.1	-88	-88	70	130	
2020/21-2	MO-CAM	matrix spike dup	2/8/2021	Metal	Mercury	Total	=	1070	ng/L	EPA 245.1	17	50			
2020/21-2	MO-CAM	matrix spike dup, rec	2/8/2021	Metal	Mercury	Total	=	105	%	EPA 245.1	-88	-88	70	130	
2020/21-2	MO-CAM	matrix spike, RPD	2/8/2021	Metal	Mercury	Total	=	0.3	%	EPA 245.1	-88	-88	0	20	
2020/21-2	MO-OXN	matrix spike	2/7/2021	Metal	Mercury	Total	=	1060	ng/L	EPA 245.1	17	50			
2020/21-2	MO-OXN	matrix spike, rec	2/7/2021	Metal	Mercury	Total	=	103	%	EPA 245.1	-88	-88	70	130	
2020/21-2	MO-OXN	matrix spike dup	2/7/2021	Metal	Mercury	Total	=	1060	ng/L	EPA 245.1	17	50			
2020/21-2	MO-OXN	matrix spike dup, rec	2/7/2021	Metal	Mercury	Total	=	103	%	EPA 245.1	-88	-88	70	130	
2020/21-2	MO-OXN	matrix spike, RPD	2/7/2021	Metal	Mercury	Total	=	0.1	%	EPA 245.1	-88	-88	0	20	
2020/21-2	Lab	method blank	2/9/2021	Metal	Nickel	Dissolved	<	0.16	µg/L	EPA 200.8	0.16	2			
2020/21-2	Lab	LCS	2/9/2021	Metal	Nickel	Dissolved	=	50.5	µg/L	EPA 200.8	0.16	2			
2020/21-2	Lab	LCS, rec	2/9/2021	Metal	Nickel	Dissolved	=	101	%	EPA 200.8	-88	-88	85	115	
2020/21-2	Lab	method blank	2/10/2021	Metal	Nickel	Dissolved	<	0.16	µg/L	EPA 200.8	0.16	2			
2020/21-2	Lab	LCS	2/10/2021	Metal	Nickel	Dissolved	=	50.7	µg/L	EPA 200.8	0.16	2			
2020/21-2	Lab	LCS, rec	2/10/2021	Metal	Nickel	Dissolved	=	102	%	EPA 200.8	-88	-88	85	115	
2020/21-2	Lab	method blank	2/9/2021	Metal	Nickel	Total	DNQ	0.36	µg/L	EPA 200.8	0.16	2			IP
2020/21-2	Lab	LCS	2/9/2021	Metal	Nickel	Total	=	50.5	µg/L	EPA 200.8	0.16	2			
2020/21-2	Lab	LCS, rec	2/9/2021	Metal	Nickel	Total	=	101	%	EPA 200.8	-88	-88	85	115	
2020/21-2	Lab	method blank	2/10/2021	Metal	Nickel	Total	<	0.16	µg/L	EPA 200.8	0.16	2			
2020/21-2	Lab	LCS	2/10/2021	Metal	Nickel	Total	=	50.7	µg/L	EPA 200.8	0.16	2			
2020/21-2	Lab	LCS, rec	2/10/2021	Metal	Nickel	Total	=	102	%	EPA 200.8	-88	-88	85	115	
2020/21-2	MO-FIL	matrix spike	2/9/2021	Metal	Nickel	Total	=	51.9	µg/L	EPA 200.8	0.16	2			
2020/21-2	MO-FIL	matrix spike, rec	2/9/2021	Metal	Nickel	Total	=	97	%	EPA 200.8	-88	-88	70	130	
2020/21-2	MO-FIL	matrix spike dup	2/9/2021	Metal	Nickel	Total	=	52.2	µg/L	EPA 200.8	0.16	2			
2020/21-2	MO-FIL	matrix spike dup, rec	2/9/2021	Metal	Nickel	Total	=	98	%	EPA 200.8	-88	-88	70	130	
2020/21-2	MO-FIL	matrix spike, RPD	2/9/2021	Metal	Nickel	Total	=	0.7	%	EPA 200.8	-88	-88	0	30	
2020/21-2	MO-OJA	matrix spike	2/10/2021	Metal	Nickel	Total	=	59.3	µg/L	EPA 200.8	0.16	2			
2020/21-2	MO-OJA	matrix spike, rec	2/10/2021	Metal	Nickel	Total	=	103	%	EPA 200.8	-88	-88	70	130	
2020/21-2	MO-OJA	matrix spike dup	2/10/2021	Metal	Nickel	Total	=	59.6	µg/L	EPA 200.8	0.16	2			
2020/21-2	MO-OJA	matrix spike dup, rec	2/10/2021	Metal	Nickel	Total	=	103	%	EPA 200.8	-88	-88	70	130	
2020/21-2	MO-OJA	matrix spike, RPD	2/10/2021	Metal	Nickel	Total	=	0.5	%	EPA 200.8	-88	-88	0	30	
2020/21-2	MO-SPA	matrix spike	2/9/2021	Metal	Nickel	Total	=	57.9	µg/L	EPA 200.8	0.16	2			
2020/21-2	MO-SPA	matrix spike, rec	2/9/2021	Metal	Nickel	Total	=	99	%	EPA 200.8	-88	-88	70	130	
2020/21-2	MO-SPA	matrix spike dup	2/9/2021	Metal	Nickel	Total	=	57.5	µg/L	EPA 200.8	0.16	2			
2020/21-2	MO-SPA	matrix spike dup, rec	2/9/2021	Metal	Nickel	Total	=	99	%	EPA 200.8	-88	-88	70	130	
2020/21-2	MO-SPA	matrix spike, RPD	2/9/2021	Metal	Nickel	Total	=	0.7	%	EPA 200.8	-88	-88	0	30	
2020/21-2	Lab	method blank	2/9/2021	Metal	Selenium	Dissolved	<	0.067	µg/L	EPA 200.8	0.067	0.4			
2020/21-2	Lab	LCS	2/9/2021	Metal	Selenium	Dissolved	=	48.5	µg/L	EPA 200.8	0.067	0.4			
2020/21-2	Lab	LCS, rec	2/9/2021	Metal	Selenium	Dissolved	=	97	%	EPA 200.8	-88	-88	85	115	
2020/21-2	Lab	method blank	2/10/2021	Metal	Selenium	Dissolved	<	0.067	µg/L	EPA 200.8	0.067	0.4			
2020/21-2	Lab	LCS	2/10/2021	Metal	Selenium	Dissolved	=	49.8	µg/L	EPA 200.8	0.067	0.4			
2020/21-2	Lab	LCS, rec	2/10/2021	Metal	Selenium	Dissolved	=	100	%	EPA 200.8	-88	-88	85	115	
2020/21-2	Lab	method blank	2/9/2021	Metal	Selenium	Total	<	0.067	µg/L	EPA 200.8	0.067	0.4			
2020/21-2	Lab	LCS	2/9/2021	Metal	Selenium	Total	=	48.5	µg/L	EPA 200.8	0.067	0.4			
2020/21-2	Lab	LCS, rec	2/9/2021	Metal	Selenium	Total	=	97	%	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	
2020/21-2	Lab	method blank	2/10/2021	Metal	Selenium	Total	<	0.067	µg/L	EPA 200.8	0.067	0.4			
2020/21-2	Lab	LCS	2/10/2021	Metal	Selenium	Total	=	49.8	µg/L	EPA 200.8	0.067	0.4			
2020/21-2	Lab	LCS, rec	2/10/2021	Metal	Selenium	Total	=	100	%	EPA 200.8	-88	-88	85	115	
2020/21-2	MO-FIL	matrix spike	2/9/2021	Metal	Selenium	Total	=	49.6	µg/L	EPA 200.8	0.067	0.4			
2020/21-2	MO-FIL	matrix spike, rec	2/9/2021	Metal	Selenium	Total	=	94	%	EPA 200.8	-88	-88	70	130	
2020/21-2	MO-FIL	matrix spike dup	2/9/2021	Metal	Selenium	Total	=	50.2	µg/L	EPA 200.8	0.067	0.4			
2020/21-2	MO-FIL	matrix spike dup, rec	2/9/2021	Metal	Selenium	Total	=	95	%	EPA 200.8	-88	-88	70	130	
2020/21-2	MO-FIL	matrix spike, RPD	2/9/2021	Metal	Selenium	Total	=	1	%	EPA 200.8	-88	-88	0	30	
2020/21-2	MO-OJA	matrix spike	2/10/2021	Metal	Selenium	Total	=	49.7	µg/L	EPA 200.8	0.067	0.4			
2020/21-2	MO-OJA	matrix spike, rec	2/10/2021	Metal	Selenium	Total	=	99	%	EPA 200.8	-88	-88	70	130	
2020/21-2	MO-OJA	matrix spike dup	2/10/2021	Metal	Selenium	Total	=	49.9	µg/L	EPA 200.8	0.067	0.4			
2020/21-2	MO-OJA	matrix spike dup, rec	2/10/2021	Metal	Selenium	Total	=	100	%	EPA 200.8	-88	-88	70	130	
2020/21-2	MO-OJA	matrix spike, RPD	2/10/2021	Metal	Selenium	Total	=	0.5	%	EPA 200.8	-88	-88	0	30	
2020/21-2	MO-SPA	matrix spike	2/9/2021	Metal	Selenium	Total	=	48.3	µg/L	EPA 200.8	0.067	0.4			
2020/21-2	MO-SPA	matrix spike, rec	2/9/2021	Metal	Selenium	Total	=	95	%	EPA 200.8	-88	-88	70	130	
2020/21-2	MO-SPA	matrix spike dup	2/9/2021	Metal	Selenium	Total	=	47.4	µg/L	EPA 200.8	0.067	0.4			
2020/21-2	MO-SPA	matrix spike dup, rec	2/9/2021	Metal	Selenium	Total	=	94	%	EPA 200.8	-88	-88	70	130	
2020/21-2	MO-SPA	matrix spike, RPD	2/9/2021	Metal	Selenium	Total	=	2	%	EPA 200.8	-88	-88	0	30	
2020/21-2	Lab	method blank	2/9/2021	Metal	Silver	Dissolved	<	0.03	µg/L	EPA 200.8	0.03	0.2			
2020/21-2	Lab	LCS	2/9/2021	Metal	Silver	Dissolved	=	51.9	µg/L	EPA 200.8	0.03	0.2			
2020/21-2	Lab	LCS, rec	2/9/2021	Metal	Silver	Dissolved	=	104	%	EPA 200.8	-88	-88	85	115	
2020/21-2	Lab	method blank	2/10/2021	Metal	Silver	Dissolved	<	0.03	µg/L	EPA 200.8	0.03	0.2			
2020/21-2	Lab	LCS	2/10/2021	Metal	Silver	Dissolved	=	51.5	µg/L	EPA 200.8	0.03	0.2			
2020/21-2	Lab	LCS, rec	2/10/2021	Metal	Silver	Dissolved	=	103	%	EPA 200.8	-88	-88	85	115	
2020/21-2	Lab	method blank	2/9/2021	Metal	Silver	Total	<	0.03	µg/L	EPA 200.8	0.03	0.2			
2020/21-2	Lab	LCS	2/9/2021	Metal	Silver	Total	=	51.9	µg/L	EPA 200.8	0.03	0.2			
2020/21-2	Lab	LCS, rec	2/9/2021	Metal	Silver	Total	=	104	%	EPA 200.8	-88	-88	85	115	
2020/21-2	Lab	method blank	2/10/2021	Metal	Silver	Total	<	0.03	µg/L	EPA 200.8	0.03	0.2			
2020/21-2	Lab	LCS	2/10/2021	Metal	Silver	Total	=	51.5	µg/L	EPA 200.8	0.03	0.2			
2020/21-2	Lab	LCS, rec	2/10/2021	Metal	Silver	Total	=	103	%	EPA 200.8	-88	-88	85	115	
2020/21-2	MO-FIL	matrix spike	2/9/2021	Metal	Silver	Total	=	49.2	µg/L	EPA 200.8	0.03	0.2			
2020/21-2	MO-FIL	matrix spike, rec	2/9/2021	Metal	Silver	Total	=	98	%	EPA 200.8	-88	-88	70	130	
2020/21-2	MO-FIL	matrix spike dup	2/9/2021	Metal	Silver	Total	=	49.7	µg/L	EPA 200.8	0.03	0.2			
2020/21-2	MO-FIL	matrix spike dup, rec	2/9/2021	Metal	Silver	Total	=	99	%	EPA 200.8	-88	-88	70	130	
2020/21-2	MO-FIL	matrix spike, RPD	2/9/2021	Metal	Silver	Total	=	0.9	%	EPA 200.8	-88	-88	0	30	
2020/21-2	MO-OJA	matrix spike	2/10/2021	Metal	Silver	Total	=	52	µg/L	EPA 200.8	0.03	0.2			
2020/21-2	MO-OJA	matrix spike, rec	2/10/2021	Metal	Silver	Total	=	104	%	EPA 200.8	-88	-88	70	130	
2020/21-2	MO-OJA	matrix spike dup	2/10/2021	Metal	Silver	Total	=	52.3	µg/L	EPA 200.8	0.03	0.2			
2020/21-2	MO-OJA	matrix spike dup, rec	2/10/2021	Metal	Silver	Total	=	105	%	EPA 200.8	-88	-88	70	130	
2020/21-2	MO-OJA	matrix spike, RPD	2/10/2021	Metal	Silver	Total	=	0.6	%	EPA 200.8	-88	-88	0	30	
2020/21-2	MO-SPA	matrix spike	2/9/2021	Metal	Silver	Total	=	50.7	µg/L	EPA 200.8	0.03	0.2			
2020/21-2	MO-SPA	matrix spike, rec	2/9/2021	Metal	Silver	Total	=	101	%	EPA 200.8	-88	-88	70	130	
2020/21-2	MO-SPA	matrix spike dup	2/9/2021	Metal	Silver	Total	=	50.1	µg/L	EPA 200.8	0.03	0.2			
2020/21-2	MO-SPA	matrix spike dup, rec	2/9/2021	Metal	Silver	Total	=	100	%	EPA 200.8	-88	-88	70	130	
2020/21-2	MO-SPA	matrix spike, RPD	2/9/2021	Metal	Silver	Total	=	1	%	EPA 200.8	-88	-88	0	30	
2020/21-2	Lab	method blank	2/9/2021	Metal	Thallium	Dissolved	<	0.021	µg/L	EPA 200.8	0.021	0.2			
2020/21-2	Lab	LCS	2/9/2021	Metal	Thallium	Dissolved	=	50.1	µg/L	EPA 200.8	0.021	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	
2020/21-2	Lab	LCS, rec	2/9/2021	Metal	Thallium	Dissolved	=	100	%	EPA 200.8	-88	-88	85	115	
2020/21-2	Lab	method blank	2/10/2021	Metal	Thallium	Dissolved	<	0.021	µg/L	EPA 200.8	0.021	0.2			
2020/21-2	Lab	LCS	2/10/2021	Metal	Thallium	Dissolved	=	50.5	µg/L	EPA 200.8	0.021	0.2			
2020/21-2	Lab	LCS, rec	2/10/2021	Metal	Thallium	Dissolved	=	101	%	EPA 200.8	-88	-88	85	115	
2020/21-2	Lab	method blank	2/9/2021	Metal	Thallium	Total	<	0.021	µg/L	EPA 200.8	0.021	0.2			
2020/21-2	Lab	LCS	2/9/2021	Metal	Thallium	Total	=	50.1	µg/L	EPA 200.8	0.021	0.2			
2020/21-2	Lab	LCS, rec	2/9/2021	Metal	Thallium	Total	=	100	%	EPA 200.8	-88	-88	85	115	
2020/21-2	Lab	method blank	2/10/2021	Metal	Thallium	Total	<	0.021	µg/L	EPA 200.8	0.021	0.2			
2020/21-2	Lab	LCS	2/10/2021	Metal	Thallium	Total	=	50.5	µg/L	EPA 200.8	0.021	0.2			
2020/21-2	Lab	LCS, rec	2/10/2021	Metal	Thallium	Total	=	101	%	EPA 200.8	-88	-88	85	115	
2020/21-2	MO-FIL	matrix spike	2/9/2021	Metal	Thallium	Total	=	49.8	µg/L	EPA 200.8	0.021	0.2			
2020/21-2	MO-FIL	matrix spike, rec	2/9/2021	Metal	Thallium	Total	=	100	%	EPA 200.8	-88	-88	70	130	
2020/21-2	MO-FIL	matrix spike dup	2/9/2021	Metal	Thallium	Total	=	50.4	µg/L	EPA 200.8	0.021	0.2			
2020/21-2	MO-FIL	matrix spike dup, rec	2/9/2021	Metal	Thallium	Total	=	101	%	EPA 200.8	-88	-88	70	130	
2020/21-2	MO-FIL	matrix spike, RPD	2/9/2021	Metal	Thallium	Total	=	1	%	EPA 200.8	-88	-88	0	30	
2020/21-2	MO-OJA	matrix spike	2/10/2021	Metal	Thallium	Total	=	51.2	µg/L	EPA 200.8	0.021	0.2			
2020/21-2	MO-OJA	matrix spike, rec	2/10/2021	Metal	Thallium	Total	=	102	%	EPA 200.8	-88	-88	70	130	
2020/21-2	MO-OJA	matrix spike dup	2/10/2021	Metal	Thallium	Total	=	51.6	µg/L	EPA 200.8	0.021	0.2			
2020/21-2	MO-OJA	matrix spike dup, rec	2/10/2021	Metal	Thallium	Total	=	103	%	EPA 200.8	-88	-88	70	130	
2020/21-2	MO-OJA	matrix spike, RPD	2/10/2021	Metal	Thallium	Total	=	0.7	%	EPA 200.8	-88	-88	0	30	
2020/21-2	MO-SPA	matrix spike	2/9/2021	Metal	Thallium	Total	=	50.4	µg/L	EPA 200.8	0.021	0.2			
2020/21-2	MO-SPA	matrix spike, rec	2/9/2021	Metal	Thallium	Total	=	101	%	EPA 200.8	-88	-88	70	130	
2020/21-2	MO-SPA	matrix spike dup	2/9/2021	Metal	Thallium	Total	=	50	µg/L	EPA 200.8	0.021	0.2			
2020/21-2	MO-SPA	matrix spike dup, rec	2/9/2021	Metal	Thallium	Total	=	100	%	EPA 200.8	-88	-88	70	130	
2020/21-2	MO-SPA	matrix spike, RPD	2/9/2021	Metal	Thallium	Total	=	0.9	%	EPA 200.8	-88	-88	0	30	
2020/21-2	Lab	method blank	2/9/2021	Metal	Zinc	Dissolved	<	0.8	µg/L	EPA 200.8	0.8	10			
2020/21-2	Lab	LCS	2/9/2021	Metal	Zinc	Dissolved	=	49.8	µg/L	EPA 200.8	0.8	10			
2020/21-2	Lab	LCS, rec	2/9/2021	Metal	Zinc	Dissolved	=	100	%	EPA 200.8	-88	-88	85	115	
2020/21-2	Lab	method blank	2/10/2021	Metal	Zinc	Dissolved	<	0.8	µg/L	EPA 200.8	0.8	10			
2020/21-2	Lab	LCS	2/10/2021	Metal	Zinc	Dissolved	=	50	µg/L	EPA 200.8	0.8	10			
2020/21-2	Lab	LCS, rec	2/10/2021	Metal	Zinc	Dissolved	=	100	%	EPA 200.8	-88	-88	85	115	
2020/21-2	Lab	method blank	2/9/2021	Metal	Zinc	Total	<	0.8	µg/L	EPA 200.8	0.8	10			
2020/21-2	Lab	LCS	2/9/2021	Metal	Zinc	Total	=	49.8	µg/L	EPA 200.8	0.8	10			
2020/21-2	Lab	LCS, rec	2/9/2021	Metal	Zinc	Total	=	100	%	EPA 200.8	-88	-88	85	115	
2020/21-2	Lab	method blank	2/10/2021	Metal	Zinc	Total	<	0.8	µg/L	EPA 200.8	0.8	10			
2020/21-2	Lab	LCS	2/10/2021	Metal	Zinc	Total	=	50	µg/L	EPA 200.8	0.8	10			
2020/21-2	Lab	LCS, rec	2/10/2021	Metal	Zinc	Total	=	100	%	EPA 200.8	-88	-88	85	115	
2020/21-2	MO-FIL	matrix spike	2/9/2021	Metal	Zinc	Total	=	105	µg/L	EPA 200.8	0.8	10			
2020/21-2	MO-FIL	matrix spike, rec	2/9/2021	Metal	Zinc	Total	=	96	%	EPA 200.8	-88	-88	70	130	
2020/21-2	MO-FIL	matrix spike dup	2/9/2021	Metal	Zinc	Total	=	103	µg/L	EPA 200.8	0.8	10			
2020/21-2	MO-FIL	matrix spike dup, rec	2/9/2021	Metal	Zinc	Total	=	93	%	EPA 200.8	-88	-88	70	130	
2020/21-2	MO-FIL	matrix spike, RPD	2/9/2021	Metal	Zinc	Total	=	1	%	EPA 200.8	-88	-88	0	30	
2020/21-2	MO-OJA	matrix spike	2/10/2021	Metal	Zinc	Total	=	124	µg/L	EPA 200.8	0.8	10			
2020/21-2	MO-OJA	matrix spike, rec	2/10/2021	Metal	Zinc	Total	=	99	%	EPA 200.8	-88	-88	70	130	
2020/21-2	MO-OJA	matrix spike dup	2/10/2021	Metal	Zinc	Total	=	125	µg/L	EPA 200.8	0.8	10			
2020/21-2	MO-OJA	matrix spike dup, rec	2/10/2021	Metal	Zinc	Total	=	101	%	EPA 200.8	-88	-88	70	130	
2020/21-2	MO-OJA	matrix spike, RPD	2/10/2021	Metal	Zinc	Total	=	0.6	%	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	
2020/21-2	MO-SPA	matrix spike	2/9/2021	Metal	Zinc	Total	=	200	µg/L	EPA 200.8	0.8	10			
2020/21-2	MO-SPA	matrix spike, rec	2/9/2021	Metal	Zinc	Total	=	96	%	EPA 200.8	-88	-88	70	130	
2020/21-2	MO-SPA	matrix spike dup	2/9/2021	Metal	Zinc	Total	=	196	µg/L	EPA 200.8	0.8	10			
2020/21-2	MO-SPA	matrix spike dup, rec	2/9/2021	Metal	Zinc	Total	=	89	%	EPA 200.8	-88	-88	70	130	
2020/21-2	MO-SPA	matrix spike, RPD	2/9/2021	Metal	Zinc	Total	=	2	%	EPA 200.8	-88	-88	0	30	
2020/21-2	000NONPJ	matrix spike	2/12/2021	Nutrient	Ammonia as N	n/a	=	0.532	mg/L	EPA 350.1	0.047	0.1			
2020/21-2	000NONPJ	matrix spike, rec	2/12/2021	Nutrient	Ammonia as N	n/a	=	94	%	EPA 350.1	-88	-88	90	110	
2020/21-2	000NONPJ	matrix spike dup	2/12/2021	Nutrient	Ammonia as N	n/a	=	0.534	mg/L	EPA 350.1	0.047	0.1			
2020/21-2	000NONPJ	matrix spike dup, rec	2/12/2021	Nutrient	Ammonia as N	n/a	=	95	%	EPA 350.1	-88	-88	90	110	
2020/21-2	000NONPJ	matrix spike, RPD	2/12/2021	Nutrient	Ammonia as N	n/a	=	0.5	%	EPA 350.1	-88	-88	0	15	
2020/21-2	000NONPJ	matrix spike	2/12/2021	Nutrient	Ammonia as N	n/a	=	0.426	mg/L	EPA 350.1	0.047	0.1			
2020/21-2	000NONPJ	matrix spike, rec	2/12/2021	Nutrient	Ammonia as N	n/a	=	93	%	EPA 350.1	-88	-88	90	110	
2020/21-2	000NONPJ	matrix spike dup	2/12/2021	Nutrient	Ammonia as N	n/a	=	0.426	mg/L	EPA 350.1	0.047	0.1			
2020/21-2	000NONPJ	matrix spike dup, rec	2/12/2021	Nutrient	Ammonia as N	n/a	=	93	%	EPA 350.1	-88	-88	90	110	
2020/21-2	000NONPJ	matrix spike, RPD	2/12/2021	Nutrient	Ammonia as N	n/a	=	0.009	%	EPA 350.1	-88	-88	0	15	
2020/21-2	Lab	method blank	2/12/2021	Nutrient	Ammonia as N	n/a	<	0.047	mg/L	EPA 350.1	0.047	0.1			
2020/21-2	Lab	LCS	2/12/2021	Nutrient	Ammonia as N	n/a	=	0.235	mg/L	EPA 350.1	0.047	0.1			
2020/21-2	Lab	LCS, rec	2/12/2021	Nutrient	Ammonia as N	n/a	=	94	%	EPA 350.1	-88	-88	90	110	
2020/21-2	Lab	method blank	2/12/2021	Nutrient	Ammonia as N	n/a	<	0.047	mg/L	EPA 350.1	0.047	0.1			
2020/21-2	Lab	LCS	2/12/2021	Nutrient	Ammonia as N	n/a	=	0.227	mg/L	EPA 350.1	0.047	0.1			
2020/21-2	Lab	LCS, rec	2/12/2021	Nutrient	Ammonia as N	n/a	=	91	%	EPA 350.1	-88	-88	90	110	
2020/21-2	000NONPJ	matrix spike	1/30/2021	Nutrient	Nitrate + Nitrite as N	n/a	=	2.18	mg/L	EPA 353.2	0.036	0.2			
2020/21-2	000NONPJ	matrix spike, rec	1/30/2021	Nutrient	Nitrate + Nitrite as N	n/a	=	102	%	EPA 353.2	-88	-88	90	110	
2020/21-2	000NONPJ	matrix spike dup	1/30/2021	Nutrient	Nitrate + Nitrite as N	n/a	=	2.19	mg/L	EPA 353.2	0.036	0.2			
2020/21-2	000NONPJ	matrix spike dup, rec	1/30/2021	Nutrient	Nitrate + Nitrite as N	n/a	=	103	%	EPA 353.2	-88	-88	90	110	
2020/21-2	000NONPJ	matrix spike, RPD	1/30/2021	Nutrient	Nitrate + Nitrite as N	n/a	=	0.5	%	EPA 353.2	-88	-88	0	20	
2020/21-2	000NONPJ	matrix spike	1/30/2021	Nutrient	Nitrate + Nitrite as N	n/a	=	2.16	mg/L	EPA 353.2	0.036	0.2			
2020/21-2	000NONPJ	matrix spike, rec	1/30/2021	Nutrient	Nitrate + Nitrite as N	n/a	=	102	%	EPA 353.2	-88	-88	90	110	
2020/21-2	000NONPJ	matrix spike dup	1/30/2021	Nutrient	Nitrate + Nitrite as N	n/a	=	2.16	mg/L	EPA 353.2	0.036	0.2			
2020/21-2	000NONPJ	matrix spike dup, rec	1/30/2021	Nutrient	Nitrate + Nitrite as N	n/a	=	102	%	EPA 353.2	-88	-88	90	110	
2020/21-2	000NONPJ	matrix spike, RPD	1/30/2021	Nutrient	Nitrate + Nitrite as N	n/a	=	0	%	EPA 353.2	-88	-88	0	20	
2020/21-2	000NONPJ	matrix spike	1/30/2021	Nutrient	Nitrate + Nitrite as N	n/a	=	2.02	mg/L	EPA 353.2	0.036	0.2			
2020/21-2	000NONPJ	matrix spike, rec	1/30/2021	Nutrient	Nitrate + Nitrite as N	n/a	=	101	%	EPA 353.2	-88	-88	90	110	
2020/21-2	000NONPJ	matrix spike dup	1/30/2021	Nutrient	Nitrate + Nitrite as N	n/a	=	2.03	mg/L	EPA 353.2	0.036	0.2			
2020/21-2	000NONPJ	matrix spike dup, rec	1/30/2021	Nutrient	Nitrate + Nitrite as N	n/a	=	102	%	EPA 353.2	-88	-88	90	110	
2020/21-2	000NONPJ	matrix spike, RPD	1/30/2021	Nutrient	Nitrate + Nitrite as N	n/a	=	0.5	%	EPA 353.2	-88	-88	0	20	
2020/21-2	000NONPJ	matrix spike	1/30/2021	Nutrient	Nitrate + Nitrite as N	n/a	=	2.04	mg/L	EPA 353.2	0.036	0.2			
2020/21-2	000NONPJ	matrix spike, rec	1/30/2021	Nutrient	Nitrate + Nitrite as N	n/a	=	102	%	EPA 353.2	-88	-88	90	110	
2020/21-2	000NONPJ	matrix spike dup	1/30/2021	Nutrient	Nitrate + Nitrite as N	n/a	=	2.04	mg/L	EPA 353.2	0.036	0.2			
2020/21-2	000NONPJ	matrix spike dup, rec	1/30/2021	Nutrient	Nitrate + Nitrite as N	n/a	=	102	%	EPA 353.2	-88	-88	90	110	
2020/21-2	000NONPJ	matrix spike, RPD	1/30/2021	Nutrient	Nitrate + Nitrite as N	n/a	=	0	%	EPA 353.2	-88	-88	0	20	
2020/21-2	000NONPJ	lab duplicate	1/30/2021	Nutrient	Nitrate + Nitrite as N	n/a	=	0.375	mg/L	EPA 353.2	0.036	0.2			
2020/21-2	000NONPJ	lab duplicate	1/30/2021	Nutrient	Nitrate + Nitrite as N	n/a	=	0.598	mg/L	EPA 353.2	0.036	0.2			
2020/21-2	000NONPJ	lab duplicate	1/30/2021	Nutrient	Nitrate + Nitrite as N	n/a	=	0.785	mg/L	EPA 353.2	0.036	0.2			
2020/21-2	000NONPJ	lab duplicate	1/30/2021	Nutrient	Nitrate + Nitrite as N	n/a	=	0.829	mg/L	EPA 353.2	0.036	0.2			
2020/21-2	000NONPJ	lab duplicate	1/30/2021	Nutrient	Nitrate + Nitrite as N	n/a	=	8.67	mg/L	EPA 353.2	0.036	0.2			
2020/21-2	000NONPJ	lab duplicate	1/30/2021	Nutrient	Nitrate + Nitrite as N	n/a	=	8.67	mg/L	EPA 353.2	0.036	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	
2020/21-2	000NONPJ	lab duplicate	1/30/2021	Nutrient	Nitrate + Nitrite as N	n/a	=	0.36	mg/L	EPA 353.2	0.036	0.2		20	
2020/21-2	000NONPJ	lab duplicate	1/30/2021	Nutrient	Nitrate + Nitrite as N	n/a	=	0.291	mg/L	EPA 353.2	0.036	0.2		20	
2020/21-2	Lab	method blank	1/30/2021	Nutrient	Nitrate + Nitrite as N	n/a	<	0.036	mg/L	EPA 353.2	0.036	0.2			
2020/21-2	Lab	LCS	1/30/2021	Nutrient	Nitrate + Nitrite as N	n/a	=	1.02	mg/L	EPA 353.2	0.036	0.2			
2020/21-2	Lab	LCS, rec	1/30/2021	Nutrient	Nitrate + Nitrite as N	n/a	=	102	%	EPA 353.2	-88	-88	90	110	
2020/21-2	Lab	method blank	1/30/2021	Nutrient	Nitrate + Nitrite as N	n/a	<	0.036	mg/L	EPA 353.2	0.036	0.2			
2020/21-2	Lab	LCS	1/30/2021	Nutrient	Nitrate + Nitrite as N	n/a	=	1.01	mg/L	EPA 353.2	0.036	0.2			
2020/21-2	Lab	LCS, rec	1/30/2021	Nutrient	Nitrate + Nitrite as N	n/a	=	101	%	EPA 353.2	-88	-88	90	110	
2020/21-2	000NONPJ	matrix spike	1/30/2021	Nutrient	Nitrate as N	n/a	=	2.18	mg/L	EPA 353.2	0.04	0.2			
2020/21-2	000NONPJ	matrix spike, rec	1/30/2021	Nutrient	Nitrate as N	n/a	=	104	%	EPA 353.2	-88	-88	90	110	
2020/21-2	000NONPJ	matrix spike dup	1/30/2021	Nutrient	Nitrate as N	n/a	=	2.19	mg/L	EPA 353.2	0.04	0.2			
2020/21-2	000NONPJ	matrix spike dup, rec	1/30/2021	Nutrient	Nitrate as N	n/a	=	105	%	EPA 353.2	-88	-88	90	110	
2020/21-2	000NONPJ	matrix spike, RPD	1/30/2021	Nutrient	Nitrate as N	n/a	=	0.5	%	EPA 353.2	-88	-88	0	20	
2020/21-2	000NONPJ	matrix spike	1/30/2021	Nutrient	Nitrate as N	n/a	=	2.16	mg/L	EPA 353.2	0.04	0.2			
2020/21-2	000NONPJ	matrix spike, rec	1/30/2021	Nutrient	Nitrate as N	n/a	=	103	%	EPA 353.2	-88	-88	90	110	
2020/21-2	000NONPJ	matrix spike dup	1/30/2021	Nutrient	Nitrate as N	n/a	=	2.16	mg/L	EPA 353.2	0.04	0.2			
2020/21-2	000NONPJ	matrix spike dup, rec	1/30/2021	Nutrient	Nitrate as N	n/a	=	103	%	EPA 353.2	-88	-88	90	110	
2020/21-2	000NONPJ	matrix spike, RPD	1/30/2021	Nutrient	Nitrate as N	n/a	=	0	%	EPA 353.2	-88	-88	0	20	
2020/21-2	Lab	method blank	1/30/2021	Nutrient	Nitrate as N	n/a	<	0.04	mg/L	EPA 353.2	0.04	0.2			
2020/21-2	Lab	LCS	1/30/2021	Nutrient	Nitrate as N	n/a	=	1.02	mg/L	EPA 353.2	0.04	0.2			
2020/21-2	Lab	LCS, rec	1/30/2021	Nutrient	Nitrate as N	n/a	=	102	%	EPA 353.2	-88	-88	90	110	
2020/21-2	Lab	method blank	2/5/2021	Nutrient	Phosphorus as P	Dissolved	<	0.012	mg/L	EPA 200.7	0.012	0.02			
2020/21-2	Lab	LCS	2/5/2021	Nutrient	Phosphorus as P	Dissolved	=	1.04	mg/L	EPA 200.7	0.012	0.02			
2020/21-2	Lab	LCS, rec	2/5/2021	Nutrient	Phosphorus as P	Dissolved	=	104	%	EPA 200.7	-88	-88	85	115	
2020/21-2	Lab	method blank	2/6/2021	Nutrient	Phosphorus as P	Dissolved	<	0.012	mg/L	EPA 200.7	0.012	0.02			
2020/21-2	Lab	LCS	2/6/2021	Nutrient	Phosphorus as P	Dissolved	=	1.01	mg/L	EPA 200.7	0.012	0.02			
2020/21-2	Lab	LCS, rec	2/6/2021	Nutrient	Phosphorus as P	Dissolved	=	101	%	EPA 200.7	-88	-88	85	115	
2020/21-2	Lab	method blank	2/5/2021	Nutrient	Phosphorus as P	Total	<	0.012	mg/L	EPA 200.7	0.012	0.02			
2020/21-2	Lab	LCS	2/5/2021	Nutrient	Phosphorus as P	Total	=	1.04	mg/L	EPA 200.7	0.012	0.02			
2020/21-2	Lab	LCS, rec	2/5/2021	Nutrient	Phosphorus as P	Total	=	104	%	EPA 200.7	-88	-88	85	115	
2020/21-2	Lab	method blank	2/6/2021	Nutrient	Phosphorus as P	Total	<	0.012	mg/L	EPA 200.7	0.012	0.02			
2020/21-2	Lab	LCS	2/6/2021	Nutrient	Phosphorus as P	Total	=	1.01	mg/L	EPA 200.7	0.012	0.02			
2020/21-2	Lab	LCS, rec	2/6/2021	Nutrient	Phosphorus as P	Total	=	101	%	EPA 200.7	-88	-88	85	115	
2020/21-2	ME-CC	matrix spike	2/5/2021	Nutrient	Phosphorus as P	Total	=	2.22	mg/L	EPA 200.7	0.012	0.02			
2020/21-2	ME-CC	matrix spike, rec	2/5/2021	Nutrient	Phosphorus as P	Total	=	104	%	EPA 200.7	-88	-88	70	130	
2020/21-2	ME-CC	matrix spike dup	2/5/2021	Nutrient	Phosphorus as P	Total	=	2.24	mg/L	EPA 200.7	0.012	0.02			
2020/21-2	ME-CC	matrix spike dup, rec	2/5/2021	Nutrient	Phosphorus as P	Total	=	106	%	EPA 200.7	-88	-88	70	130	
2020/21-2	ME-CC	matrix spike, RPD	2/5/2021	Nutrient	Phosphorus as P	Total	=	0.9	%	EPA 200.7	-88	-88	0	30	
2020/21-2	MO-HUE	matrix spike	2/6/2021	Nutrient	Phosphorus as P	Total	=	1.51	mg/L	EPA 200.7	0.012	0.02			
2020/21-2	MO-HUE	matrix spike, rec	2/6/2021	Nutrient	Phosphorus as P	Total	=	104	%	EPA 200.7	-88	-88	70	130	
2020/21-2	MO-HUE	matrix spike dup	2/6/2021	Nutrient	Phosphorus as P	Total	=	1.48	mg/L	EPA 200.7	0.012	0.02			
2020/21-2	MO-HUE	matrix spike dup, rec	2/6/2021	Nutrient	Phosphorus as P	Total	=	102	%	EPA 200.7	-88	-88	70	130	
2020/21-2	MO-HUE	matrix spike, RPD	2/6/2021	Nutrient	Phosphorus as P	Total	=	2	%	EPA 200.7	-88	-88	0	30	
2020/21-2	MO-MEI	matrix spike	2/6/2021	Nutrient	Phosphorus as P	Total	=	1.65	mg/L	EPA 200.7	0.012	0.02			
2020/21-2	MO-MEI	matrix spike, rec	2/6/2021	Nutrient	Phosphorus as P	Total	=	102	%	EPA 200.7	-88	-88	70	130	
2020/21-2	MO-MEI	matrix spike dup	2/6/2021	Nutrient	Phosphorus as P	Total	=	1.66	mg/L	EPA 200.7	0.012	0.02			
2020/21-2	MO-MEI	matrix spike dup, rec	2/6/2021	Nutrient	Phosphorus as P	Total	=	102	%	EPA 200.7	-88	-88	70	130	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2020/21-2	MO-MEI	matrix spike, RPD	2/6/2021	Nutrient	Phosphorus as P	Total	=	0.4	%	EPA 200.7	-88	-88	0	30	
2020/21-2	000NONPJ	matrix spike	2/4/2021	Nutrient	TKN	n/a	=	1.23	mg/L	EPA 351.2	0.065	0.1			
2020/21-2	000NONPJ	matrix spike, rec	2/4/2021	Nutrient	TKN	n/a	=	102	%	EPA 351.2	-88	-88	90	110	
2020/21-2	000NONPJ	matrix spike dup	2/4/2021	Nutrient	TKN	n/a	=	1.23	mg/L	EPA 351.2	0.065	0.1			
2020/21-2	000NONPJ	matrix spike dup, rec	2/4/2021	Nutrient	TKN	n/a	=	102	%	EPA 351.2	-88	-88	90	110	
2020/21-2	000NONPJ	matrix spike, RPD	2/4/2021	Nutrient	TKN	n/a	=	0.1	%	EPA 351.2	-88	-88	0	10	
2020/21-2	000NONPJ	matrix spike	2/4/2021	Nutrient	TKN	n/a	=	1.14	mg/L	EPA 351.2	0.065	0.1			
2020/21-2	000NONPJ	matrix spike, rec	2/4/2021	Nutrient	TKN	n/a	=	98	%	EPA 351.2	-88	-88	90	110	
2020/21-2	000NONPJ	matrix spike dup	2/4/2021	Nutrient	TKN	n/a	=	1.18	mg/L	EPA 351.2	0.065	0.1			
2020/21-2	000NONPJ	matrix spike dup, rec	2/4/2021	Nutrient	TKN	n/a	=	102	%	EPA 351.2	-88	-88	90	110	
2020/21-2	000NONPJ	matrix spike, RPD	2/4/2021	Nutrient	TKN	n/a	=	3	%	EPA 351.2	-88	-88	0	10	
2020/21-2	000NONPJ	matrix spike	2/10/2021	Nutrient	TKN	n/a	=	1.32	mg/L	EPA 351.2	0.065	0.1			
2020/21-2	000NONPJ	matrix spike, rec	2/10/2021	Nutrient	TKN	n/a	=	104	%	EPA 351.2	-88	-88	90	110	
2020/21-2	000NONPJ	matrix spike dup	2/10/2021	Nutrient	TKN	n/a	=	1.33	mg/L	EPA 351.2	0.065	0.1			
2020/21-2	000NONPJ	matrix spike dup, rec	2/10/2021	Nutrient	TKN	n/a	=	105	%	EPA 351.2	-88	-88	90	110	
2020/21-2	000NONPJ	matrix spike, RPD	2/10/2021	Nutrient	TKN	n/a	=	0.9	%	EPA 351.2	-88	-88	0	10	
2020/21-2	000NONPJ	matrix spike	2/10/2021	Nutrient	TKN	n/a	=	1.23	mg/L	EPA 351.2	0.065	0.1			
2020/21-2	000NONPJ	matrix spike, rec	2/10/2021	Nutrient	TKN	n/a	=	90	%	EPA 351.2	-88	-88	90	110	
2020/21-2	000NONPJ	matrix spike dup	2/10/2021	Nutrient	TKN	n/a	=	1.24	mg/L	EPA 351.2	0.065	0.1			
2020/21-2	000NONPJ	matrix spike dup, rec	2/10/2021	Nutrient	TKN	n/a	=	92	%	EPA 351.2	-88	-88	90	110	
2020/21-2	000NONPJ	matrix spike, RPD	2/10/2021	Nutrient	TKN	n/a	=	1	%	EPA 351.2	-88	-88	0	10	
2020/21-2	000NONPJ	matrix spike	2/17/2021	Nutrient	TKN	n/a	=	1.18	mg/L	EPA 351.2	0.065	0.1			
2020/21-2	000NONPJ	matrix spike, rec	2/17/2021	Nutrient	TKN	n/a	=	92	%	EPA 351.2	-88	-88	90	110	
2020/21-2	000NONPJ	matrix spike dup	2/17/2021	Nutrient	TKN	n/a	=	1.22	mg/L	EPA 351.2	0.065	0.1			
2020/21-2	000NONPJ	matrix spike dup, rec	2/17/2021	Nutrient	TKN	n/a	=	96	%	EPA 351.2	-88	-88	90	110	
2020/21-2	000NONPJ	matrix spike, RPD	2/17/2021	Nutrient	TKN	n/a	=	3	%	EPA 351.2	-88	-88	0	10	
2020/21-2	000NONPJ	matrix spike	2/17/2021	Nutrient	TKN	n/a	=	1.22	mg/L	EPA 351.2	0.065	0.1			
2020/21-2	000NONPJ	matrix spike, rec	2/17/2021	Nutrient	TKN	n/a	=	103	%	EPA 351.2	-88	-88	90	110	
2020/21-2	000NONPJ	matrix spike dup	2/17/2021	Nutrient	TKN	n/a	=	1.16	mg/L	EPA 351.2	0.065	0.1			
2020/21-2	000NONPJ	matrix spike dup, rec	2/17/2021	Nutrient	TKN	n/a	=	97	%	EPA 351.2	-88	-88	90	110	
2020/21-2	000NONPJ	matrix spike, RPD	2/17/2021	Nutrient	TKN	n/a	=	5	%	EPA 351.2	-88	-88	0	10	
2020/21-2	000NONPJ	lab duplicate	2/17/2021	Nutrient	TKN	n/a	=	0.563	mg/L	EPA 351.2	0.065	0.1		10	
2020/21-2	000NONPJ	matrix spike	2/19/2021	Nutrient	TKN	n/a	=	1.3	mg/L	EPA 351.2	0.065	0.1			
2020/21-2	000NONPJ	matrix spike, rec	2/19/2021	Nutrient	TKN	n/a	=	104	%	EPA 351.2	-88	-88	90	110	
2020/21-2	000NONPJ	matrix spike dup	2/19/2021	Nutrient	TKN	n/a	=	1.21	mg/L	EPA 351.2	0.065	0.1			
2020/21-2	000NONPJ	matrix spike dup, rec	2/19/2021	Nutrient	TKN	n/a	=	96	%	EPA 351.2	-88	-88	90	110	
2020/21-2	000NONPJ	matrix spike, RPD	2/19/2021	Nutrient	TKN	n/a	=	7	%	EPA 351.2	-88	-88	0	10	
2020/21-2	Lab	method blank	2/4/2021	Nutrient	TKN	n/a	<	0.065	mg/L	EPA 351.2	0.065	0.1			
2020/21-2	Lab	LCS	2/4/2021	Nutrient	TKN	n/a	=	0.972	mg/L	EPA 351.2	0.065	0.1			
2020/21-2	Lab	LCS, rec	2/4/2021	Nutrient	TKN	n/a	=	97	%	EPA 351.2	-88	-88	90	110	
2020/21-2	Lab	method blank	2/4/2021	Nutrient	TKN	n/a	<	0.065	mg/L	EPA 351.2	0.065	0.1			
2020/21-2	Lab	LCS	2/4/2021	Nutrient	TKN	n/a	=	0.969	mg/L	EPA 351.2	0.065	0.1			
2020/21-2	Lab	LCS, rec	2/4/2021	Nutrient	TKN	n/a	=	97	%	EPA 351.2	-88	-88	90	110	
2020/21-2	Lab	method blank	2/10/2021	Nutrient	TKN	n/a	<	0.065	mg/L	EPA 351.2	0.065	0.1			
2020/21-2	Lab	LCS	2/10/2021	Nutrient	TKN	n/a	=	0.995	mg/L	EPA 351.2	0.065	0.1			
2020/21-2	Lab	LCS, rec	2/10/2021	Nutrient	TKN	n/a	=	99	%	EPA 351.2	-88	-88	90	110	
2020/21-2	Lab	method blank	2/10/2021	Nutrient	TKN	n/a	<	0.065	mg/L	EPA 351.2	0.065	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	
2020/21-2	Lab	LCS	2/10/2021	Nutrient	TKN	n/a	=	0.931	mg/L	EPA 351.2	0.065	0.1			
2020/21-2	Lab	LCS, rec	2/10/2021	Nutrient	TKN	n/a	=	93	%	EPA 351.2	-88	-88	90	110	
2020/21-2	Lab	method blank	2/17/2021	Nutrient	TKN	n/a	<	0.065	mg/L	EPA 351.2	0.065	0.1			
2020/21-2	Lab	LCS	2/17/2021	Nutrient	TKN	n/a	=	0.974	mg/L	EPA 351.2	0.065	0.1			
2020/21-2	Lab	LCS, rec	2/17/2021	Nutrient	TKN	n/a	=	97	%	EPA 351.2	-88	-88	90	110	
2020/21-2	Lab	method blank	2/17/2021	Nutrient	TKN	n/a	<	0.065	mg/L	EPA 351.2	0.065	0.1			
2020/21-2	Lab	LCS	2/17/2021	Nutrient	TKN	n/a	=	0.961	mg/L	EPA 351.2	0.065	0.1			
2020/21-2	Lab	LCS, rec	2/17/2021	Nutrient	TKN	n/a	=	96	%	EPA 351.2	-88	-88	90	110	
2020/21-2	Lab	method blank	2/19/2021	Nutrient	TKN	n/a	<	0.065	mg/L	EPA 351.2	0.065	0.1			
2020/21-2	Lab	LCS	2/19/2021	Nutrient	TKN	n/a	=	0.934	mg/L	EPA 351.2	0.065	0.1			
2020/21-2	Lab	LCS, rec	2/19/2021	Nutrient	TKN	n/a	=	93	%	EPA 351.2	-88	-88	90	110	
2020/21-2	Lab	LCS	2/9/2021	Organic	1,2,4-Trichlorobenzene	n/a	=	8.19	µg/L	EPA 625.1	0.49	1			
2020/21-2	Lab	LCS, rec	2/9/2021	Organic	1,2,4-Trichlorobenzene	n/a	=	82	%	EPA 625.1	-88	-88	57	130	
2020/21-2	Lab	LCS dup	2/9/2021	Organic	1,2,4-Trichlorobenzene	n/a	=	9.07	µg/L	EPA 625.1	0.49	1			
2020/21-2	Lab	LCS dup, rec	2/9/2021	Organic	1,2,4-Trichlorobenzene	n/a	=	91	%	EPA 625.1	-88	-88	57	130	
2020/21-2	Lab	LCS, RPD	2/9/2021	Organic	1,2,4-Trichlorobenzene	n/a	=	10	%	EPA 625.1	-88	-88	0	30	
2020/21-2	Lab	method blank	2/9/2021	Organic	1,2,4-Trichlorobenzene	n/a	<	0.49	µg/L	EPA 625.1	0.49	1			
2020/21-2	Lab	LCS	2/9/2021	Organic	1,2-Dichlorobenzene	n/a	=	7.35	µg/L	EPA 625.1	0.46	1			
2020/21-2	Lab	LCS, rec	2/9/2021	Organic	1,2-Dichlorobenzene	n/a	=	73	%	EPA 625.1	-88	-88	57	120	
2020/21-2	Lab	LCS dup	2/9/2021	Organic	1,2-Dichlorobenzene	n/a	=	8.06	µg/L	EPA 625.1	0.46	1			
2020/21-2	Lab	LCS dup, rec	2/9/2021	Organic	1,2-Dichlorobenzene	n/a	=	81	%	EPA 625.1	-88	-88	57	120	
2020/21-2	Lab	LCS, RPD	2/9/2021	Organic	1,2-Dichlorobenzene	n/a	=	9	%	EPA 625.1	-88	-88	0	30	
2020/21-2	Lab	method blank	2/9/2021	Organic	1,2-Dichlorobenzene	n/a	<	0.46	µg/L	EPA 625.1	0.46	1			
2020/21-2	Lab	srgt LCS	1/31/2021	Organic	1,2-Dichloroethane-d4	n/a	=	48.5	µg/L	EPA 624.1	-88	-88			
2020/21-2	Lab	srgt LCS, rec	1/31/2021	Organic	1,2-Dichloroethane-d4	n/a	=	97	%	EPA 624.1	-88	-88	82	125	
2020/21-2	Lab	srgt LCS dup	1/31/2021	Organic	1,2-Dichloroethane-d4	n/a	=	48.9	µg/L	EPA 624.1	-88	-88			
2020/21-2	Lab	srgt LCS dup, rec	1/31/2021	Organic	1,2-Dichloroethane-d4	n/a	=	98	%	EPA 624.1	-88	-88	82	125	
2020/21-2	Lab	srgt method blank	1/31/2021	Organic	1,2-Dichloroethane-d4	n/a	=	51.6	µg/L	EPA 624.1	-88	-88			
2020/21-2	Lab	srgt method blank, rec	1/31/2021	Organic	1,2-Dichloroethane-d4	n/a	=	103	%	EPA 624.1	-88	-88	82	125	
2020/21-2	ME-CC	srgt environ	1/31/2021	Organic	1,2-Dichloroethane-d4	n/a	=	51.7	µg/L	EPA 624.1	-88	-88			
2020/21-2	ME-CC	srgt environ, rec	1/31/2021	Organic	1,2-Dichloroethane-d4	n/a	=	103	%	EPA 624.1	-88	-88	82	125	
2020/21-2	ME-SCR	srgt environ	1/31/2021	Organic	1,2-Dichloroethane-d4	n/a	=	50.5	µg/L	EPA 624.1	-88	-88			
2020/21-2	ME-SCR	srgt environ, rec	1/31/2021	Organic	1,2-Dichloroethane-d4	n/a	=	101	%	EPA 624.1	-88	-88	82	125	
2020/21-2	ME-VR2	srgt environ	1/31/2021	Organic	1,2-Dichloroethane-d4	n/a	=	52.9	µg/L	EPA 624.1	-88	-88			
2020/21-2	ME-VR2	srgt environ, rec	1/31/2021	Organic	1,2-Dichloroethane-d4	n/a	=	106	%	EPA 624.1	-88	-88	82	125	
2020/21-2	MO-CAM	srgt environ	1/31/2021	Organic	1,2-Dichloroethane-d4	n/a	=	51.9	µg/L	EPA 624.1	-88	-88			
2020/21-2	MO-CAM	srgt environ, rec	1/31/2021	Organic	1,2-Dichloroethane-d4	n/a	=	104	%	EPA 624.1	-88	-88	82	125	
2020/21-2	MO-FIL	srgt environ	1/31/2021	Organic	1,2-Dichloroethane-d4	n/a	=	53.3	µg/L	EPA 624.1	-88	-88			
2020/21-2	MO-FIL	srgt environ, rec	1/31/2021	Organic	1,2-Dichloroethane-d4	n/a	=	107	%	EPA 624.1	-88	-88	82	125	
2020/21-2	MO-HUE	srgt environ	1/31/2021	Organic	1,2-Dichloroethane-d4	n/a	=	53.7	µg/L	EPA 624.1	-88	-88			
2020/21-2	MO-HUE	srgt environ, rec	1/31/2021	Organic	1,2-Dichloroethane-d4	n/a	=	107	%	EPA 624.1	-88	-88	82	125	
2020/21-2	MO-MEI	srgt environ	1/31/2021	Organic	1,2-Dichloroethane-d4	n/a	=	53.1	µg/L	EPA 624.1	-88	-88			
2020/21-2	MO-MEI	srgt environ, rec	1/31/2021	Organic	1,2-Dichloroethane-d4	n/a	=	106	%	EPA 624.1	-88	-88	82	125	
2020/21-2	MO-MPK	srgt environ	1/31/2021	Organic	1,2-Dichloroethane-d4	n/a	=	53.5	µg/L	EPA 624.1	-88	-88			
2020/21-2	MO-MPK	srgt environ, rec	1/31/2021	Organic	1,2-Dichloroethane-d4	n/a	=	107	%	EPA 624.1	-88	-88	82	125	
2020/21-2	MO-MPK	srgt field blank	1/31/2021	Organic	1,2-Dichloroethane-d4	n/a	=	53.7	µg/L	EPA 624.1	-88	-88			
2020/21-2	MO-MPK	srgt field blank, rec	1/31/2021	Organic	1,2-Dichloroethane-d4	n/a	=	107	%	EPA 624.1	-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	
2020/21-2	MO-OJA	srgt environ	1/31/2021	Organic	1,2-Dichloroethane-d4	n/a	=	52.6	µg/L	EPA 624.1	-88	-88			
2020/21-2	MO-OJA	srgt environ, rec	1/31/2021	Organic	1,2-Dichloroethane-d4	n/a	=	105	%	EPA 624.1	-88	-88	82	125	
2020/21-2	MO-OXN	srgt environ	1/31/2021	Organic	1,2-Dichloroethane-d4	n/a	=	52.1	µg/L	EPA 624.1	-88	-88			
2020/21-2	MO-OXN	srgt environ, rec	1/31/2021	Organic	1,2-Dichloroethane-d4	n/a	=	104	%	EPA 624.1	-88	-88	82	125	
2020/21-2	MO-SIM	srgt environ	1/31/2021	Organic	1,2-Dichloroethane-d4	n/a	=	53.7	µg/L	EPA 624.1	-88	-88			
2020/21-2	MO-SIM	srgt environ, rec	1/31/2021	Organic	1,2-Dichloroethane-d4	n/a	=	107	%	EPA 624.1	-88	-88	82	125	
2020/21-2	MO-SPA	srgt environ	1/31/2021	Organic	1,2-Dichloroethane-d4	n/a	=	52.7	µg/L	EPA 624.1	-88	-88			
2020/21-2	MO-SPA	srgt environ, rec	1/31/2021	Organic	1,2-Dichloroethane-d4	n/a	=	105	%	EPA 624.1	-88	-88	82	125	
2020/21-2	MO-THO	srgt field duplicate	1/31/2021	Organic	1,2-Dichloroethane-d4	n/a	=	53.4	µg/L	EPA 624.1	-88	-88			
2020/21-2	MO-THO	srgt field duplicate, rec	1/31/2021	Organic	1,2-Dichloroethane-d4	n/a	=	107	%	EPA 624.1	-88	-88	82	125	
2020/21-2	MO-THO	srgt environ	1/31/2021	Organic	1,2-Dichloroethane-d4	n/a	=	52	µg/L	EPA 624.1	-88	-88			
2020/21-2	MO-THO	srgt environ, rec	1/31/2021	Organic	1,2-Dichloroethane-d4	n/a	=	104	%	EPA 624.1	-88	-88	82	125	
2020/21-2	MO-VEN	srgt environ	1/31/2021	Organic	1,2-Dichloroethane-d4	n/a	=	53.4	µg/L	EPA 624.1	-88	-88			
2020/21-2	MO-VEN	srgt environ, rec	1/31/2021	Organic	1,2-Dichloroethane-d4	n/a	=	107	%	EPA 624.1	-88	-88	82	125	
2020/21-2	Lab	method blank	2/9/2021	Organic	1,2-Diphenylhydrazine	n/a	<	0.3	µg/L	EPA 625.1	0.3	1			
2020/21-2	Lab	LCS	2/9/2021	Organic	1,3-Dichlorobenzene	n/a	=	7.47	µg/L	EPA 625.1	0.42	1			
2020/21-2	Lab	LCS, rec	2/9/2021	Organic	1,3-Dichlorobenzene	n/a	=	75	%	EPA 625.1	-88	-88	55	120	
2020/21-2	Lab	LCS dup	2/9/2021	Organic	1,3-Dichlorobenzene	n/a	=	8.13	µg/L	EPA 625.1	0.42	1			
2020/21-2	Lab	LCS dup, rec	2/9/2021	Organic	1,3-Dichlorobenzene	n/a	=	81	%	EPA 625.1	-88	-88	55	120	
2020/21-2	Lab	LCS, RPD	2/9/2021	Organic	1,3-Dichlorobenzene	n/a	=	8	%	EPA 625.1	-88	-88	0	30	
2020/21-2	Lab	method blank	2/9/2021	Organic	1,3-Dichlorobenzene	n/a	<	0.42	µg/L	EPA 625.1	0.42	1			
2020/21-2	000NONPJ	srgt matrix spike	2/3/2021	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	1.98	µg/L	EPA 625.1m	-88	-88			
2020/21-2	000NONPJ	srgt matrix spike, rec	2/3/2021	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	79	%	EPA 625.1m	-88	-88	78	125	
2020/21-2	000NONPJ	srgt matrix spike dup	2/3/2021	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	1.8	µg/L	EPA 625.1m	-88	-88			GN
2020/21-2	000NONPJ	srgt matrix spike dup, rec	2/3/2021	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	72	%	EPA 625.1m	-88	-88	78	125	GN
2020/21-2	000NONPJ	srgt matrix spike	2/12/2021	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	4.73	µg/L	EPA 525.2	-88	-88			
2020/21-2	000NONPJ	srgt matrix spike, rec	2/12/2021	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	95	%	EPA 525.2	-88	-88	70	130	
2020/21-2	000NONPJ	srgt matrix spike dup	2/12/2021	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	4.72	µg/L	EPA 525.2	-88	-88			
2020/21-2	000NONPJ	srgt matrix spike dup, rec	2/12/2021	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	94	%	EPA 525.2	-88	-88	70	130	
2020/21-2	Lab	srgt method blank	2/3/2021	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.443	µg/L	EPA 625.1m	-88	-88			
2020/21-2	Lab	srgt method blank, rec	2/3/2021	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	89	%	EPA 625.1m	-88	-88	78	125	
2020/21-2	Lab	srgt LCS	2/3/2021	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.496	µg/L	EPA 625.1m	-88	-88			
2020/21-2	Lab	srgt LCS, rec	2/3/2021	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	99	%	EPA 625.1m	-88	-88	78	125	
2020/21-2	Lab	srgt method blank	2/11/2021	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	4.95	µg/L	EPA 525.2	-88	-88			
2020/21-2	Lab	srgt method blank, rec	2/11/2021	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	99	%	EPA 525.2	-88	-88	70	130	
2020/21-2	Lab	srgt LCS dup	2/11/2021	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	4.84	µg/L	EPA 525.2	-88	-88			
2020/21-2	Lab	srgt LCS dup, rec	2/11/2021	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	97	%	EPA 525.2	-88	-88	70	130	
2020/21-2	Lab	srgt LCS	2/11/2021	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	4.98	µg/L	EPA 525.2	-88	-88			
2020/21-2	Lab	srgt LCS, rec	2/11/2021	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	100	%	EPA 525.2	-88	-88	70	130	
2020/21-2	Lab	srgt LCS	2/11/2021	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	4.86	µg/L	EPA 525.2	-88	-88			
2020/21-2	Lab	srgt LCS, rec	2/11/2021	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	97	%	EPA 525.2	-88	-88	70	130	
2020/21-2	Lab	srgt LCS dup	2/12/2021	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	4.86	µg/L	EPA 525.2	-88	-88			
2020/21-2	Lab	srgt LCS dup, rec	2/12/2021	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	97	%	EPA 525.2	-88	-88	70	130	
2020/21-2	Lab	srgt method blank	2/12/2021	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	4.93	µg/L	EPA 525.2	-88	-88			
2020/21-2	Lab	srgt method blank, rec	2/12/2021	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	99	%	EPA 525.2	-88	-88	70	130	
2020/21-2	Lab	srgt LCS	2/12/2021	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	4.86	µg/L	EPA 525.2	-88	-88			
2020/21-2	Lab	srgt LCS, rec	2/12/2021	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	97	%	EPA 525.2	-88	-88	70	130	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2020/21-2	Lab	srgt LCS dup	2/12/2021	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	4.73	µg/L	EPA 525.2	-88	-88			
2020/21-2	Lab	srgt LCS dup, rec	2/12/2021	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	95	%	EPA 525.2	-88	-88	70	130	
2020/21-2	Lab	srgt LCS	2/12/2021	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	4.67	µg/L	EPA 525.2	-88	-88			
2020/21-2	Lab	srgt LCS, rec	2/12/2021	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	93	%	EPA 525.2	-88	-88	70	130	
2020/21-2	Lab	srgt LCS dup	2/12/2021	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	4.69	µg/L	EPA 525.2	-88	-88			
2020/21-2	Lab	srgt LCS dup, rec	2/12/2021	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	94	%	EPA 525.2	-88	-88	70	130	
2020/21-2	Lab	srgt method blank	2/16/2021	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	4.92	µg/L	EPA 525.2	-88	-88			
2020/21-2	Lab	srgt method blank, rec	2/16/2021	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	98	%	EPA 525.2	-88	-88	70	130	
2020/21-2	Lab	srgt LCS	2/16/2021	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	4.89	µg/L	EPA 525.2	-88	-88			
2020/21-2	Lab	srgt LCS, rec	2/16/2021	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	98	%	EPA 525.2	-88	-88	70	130	
2020/21-2	Lab	srgt LCS dup	2/16/2021	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	4.72	µg/L	EPA 525.2	-88	-88			
2020/21-2	Lab	srgt LCS dup, rec	2/16/2021	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	94	%	EPA 525.2	-88	-88	70	130	
2020/21-2	ME-CC	srgt environ	2/3/2021	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	5.03	µg/L	EPA 625.1m	-88	-88			
2020/21-2	ME-CC	srgt environ, rec	2/3/2021	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	101	%	EPA 625.1m	-88	-88	78	125	
2020/21-2	ME-CC	srgt environ	2/13/2021	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	24.1	µg/L	EPA 525.2	-88	-88			
2020/21-2	ME-CC	srgt environ, rec	2/13/2021	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	96	%	EPA 525.2	-88	-88	70	130	
2020/21-2	ME-SCR	srgt environ	2/3/2021	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	29.7	µg/L	EPA 625.1m	-88	-88			GN
2020/21-2	ME-SCR	srgt environ, rec	2/3/2021	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	297	%	EPA 625.1m	-88	-88	78	125	GN
2020/21-2	ME-SCR	srgt environ	2/16/2021	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	117	µg/L	EPA 525.2	-88	-88			
2020/21-2	ME-SCR	srgt environ, rec	2/16/2021	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	117	%	EPA 525.2	-88	-88	70	130	
2020/21-2	ME-VR2	srgt environ	2/3/2021	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	2.39	µg/L	EPA 625.1m	-88	-88			
2020/21-2	ME-VR2	srgt environ, rec	2/3/2021	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	96	%	EPA 625.1m	-88	-88	78	125	
2020/21-2	ME-VR2	srgt environ	2/12/2021	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	10.1	µg/L	EPA 525.2	-88	-88			
2020/21-2	ME-VR2	srgt environ, rec	2/12/2021	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	101	%	EPA 525.2	-88	-88	70	130	
2020/21-2	MO-CAM	srgt environ	2/3/2021	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	2.65	µg/L	EPA 625.1m	-88	-88			
2020/21-2	MO-CAM	srgt environ, rec	2/3/2021	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	106	%	EPA 625.1m	-88	-88	78	125	
2020/21-2	MO-CAM	srgt environ	2/12/2021	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	24.8	µg/L	EPA 525.2	-88	-88			
2020/21-2	MO-CAM	srgt environ, rec	2/12/2021	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	99	%	EPA 525.2	-88	-88	70	130	
2020/21-2	MO-FIL	srgt environ	2/3/2021	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	2.45	µg/L	EPA 625.1m	-88	-88			
2020/21-2	MO-FIL	srgt environ, rec	2/3/2021	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	98	%	EPA 625.1m	-88	-88	78	125	
2020/21-2	MO-FIL	srgt environ	2/12/2021	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	25.2	µg/L	EPA 525.2	-88	-88			
2020/21-2	MO-FIL	srgt environ, rec	2/12/2021	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	101	%	EPA 525.2	-88	-88	70	130	
2020/21-2	MO-HUE	srgt environ	2/3/2021	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	3	µg/L	EPA 625.1m	-88	-88			
2020/21-2	MO-HUE	srgt environ, rec	2/3/2021	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	120	%	EPA 625.1m	-88	-88	78	125	
2020/21-2	MO-HUE	srgt environ	2/12/2021	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	48.3	µg/L	EPA 525.2	-88	-88			
2020/21-2	MO-HUE	srgt environ, rec	2/12/2021	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	97	%	EPA 525.2	-88	-88	70	130	
2020/21-2	MO-MEI	srgt environ	2/3/2021	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	5.66	µg/L	EPA 625.1m	-88	-88			
2020/21-2	MO-MEI	srgt environ, rec	2/3/2021	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	113	%	EPA 625.1m	-88	-88	78	125	
2020/21-2	MO-MEI	srgt environ	2/12/2021	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	50.4	µg/L	EPA 525.2	-88	-88			
2020/21-2	MO-MEI	srgt environ, rec	2/12/2021	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	101	%	EPA 525.2	-88	-88	70	130	
2020/21-2	MO-MPK	srgt environ	2/3/2021	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	2.76	µg/L	EPA 625.1m	-88	-88			
2020/21-2	MO-MPK	srgt environ, rec	2/3/2021	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	110	%	EPA 625.1m	-88	-88	78	125	
2020/21-2	MO-MPK	srgt environ	2/12/2021	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	49.7	µg/L	EPA 525.2	-88	-88			
2020/21-2	MO-MPK	srgt environ, rec	2/12/2021	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	99	%	EPA 525.2	-88	-88	70	130	
2020/21-2	MO-OJA	srgt environ	2/3/2021	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	4.44	µg/L	EPA 625.1m	-88	-88			
2020/21-2	MO-OJA	srgt environ, rec	2/3/2021	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	89	%	EPA 625.1m	-88	-88	78	125	
2020/21-2	MO-OJA	srgt environ	2/12/2021	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	49.7	µg/L	EPA 525.2	-88	-88			

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2020/21-2	MO-OJA	srgt environ, rec	2/12/2021	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	99	%	EPA 525.2	-88	-88	70	130	
2020/21-2	MO-OXN	srgt environ	2/3/2021	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	6.06	µg/L	EPA 625.1m	-88	-88			
2020/21-2	MO-OXN	srgt environ, rec	2/3/2021	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	121	%	EPA 625.1m	-88	-88	78	125	
2020/21-2	MO-OXN	srgt environ	2/13/2021	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	24.3	µg/L	EPA 525.2	-88	-88			
2020/21-2	MO-OXN	srgt environ, rec	2/13/2021	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	97	%	EPA 525.2	-88	-88	70	130	
2020/21-2	MO-SIM	srgt environ	2/3/2021	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	2.66	µg/L	EPA 625.1m	-88	-88			
2020/21-2	MO-SIM	srgt environ, rec	2/3/2021	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	107	%	EPA 625.1m	-88	-88	78	125	
2020/21-2	MO-SIM	srgt environ	2/12/2021	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	52.3	µg/L	EPA 525.2	-88	-88			
2020/21-2	MO-SIM	srgt environ, rec	2/12/2021	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	105	%	EPA 525.2	-88	-88	70	130	
2020/21-2	MO-SPA	srgt environ	2/3/2021	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	2.45	µg/L	EPA 625.1m	-88	-88			
2020/21-2	MO-SPA	srgt environ, rec	2/3/2021	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	98	%	EPA 625.1m	-88	-88	78	125	
2020/21-2	MO-SPA	srgt environ	2/12/2021	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	50	µg/L	EPA 525.2	-88	-88			
2020/21-2	MO-SPA	srgt environ, rec	2/12/2021	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	100	%	EPA 525.2	-88	-88	70	130	
2020/21-2	MO-THO	srgt environ	2/3/2021	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	6.19	µg/L	EPA 625.1m	-88	-88			
2020/21-2	MO-THO	srgt environ, rec	2/3/2021	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	124	%	EPA 625.1m	-88	-88	78	125	
2020/21-2	MO-THO	srgt environ	2/12/2021	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	50.7	µg/L	EPA 525.2	-88	-88			
2020/21-2	MO-THO	srgt environ, rec	2/12/2021	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	101	%	EPA 525.2	-88	-88	70	130	
2020/21-2	MO-VEN	srgt environ	2/3/2021	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	2.45	µg/L	EPA 625.1m	-88	-88			
2020/21-2	MO-VEN	srgt environ, rec	2/3/2021	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	98	%	EPA 625.1m	-88	-88	78	125	
2020/21-2	MO-VEN	srgt environ	2/12/2021	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	50.4	µg/L	EPA 525.2	-88	-88			
2020/21-2	MO-VEN	srgt environ, rec	2/12/2021	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	101	%	EPA 525.2	-88	-88	70	130	
2020/21-2	Lab	LCS	2/9/2021	Organic	1,4-Dichlorobenzene	n/a	=	7.28	µg/L	EPA 625.1	0.48	1			
2020/21-2	Lab	LCS, rec	2/9/2021	Organic	1,4-Dichlorobenzene	n/a	=	73	%	EPA 625.1	-88	-88	55	120	
2020/21-2	Lab	LCS dup	2/9/2021	Organic	1,4-Dichlorobenzene	n/a	=	7.93	µg/L	EPA 625.1	0.48	1			
2020/21-2	Lab	LCS dup, rec	2/9/2021	Organic	1,4-Dichlorobenzene	n/a	=	79	%	EPA 625.1	-88	-88	55	120	
2020/21-2	Lab	LCS, RPD	2/9/2021	Organic	1,4-Dichlorobenzene	n/a	=	9	%	EPA 625.1	-88	-88	0	30	
2020/21-2	Lab	method blank	2/9/2021	Organic	1,4-Dichlorobenzene	n/a	<	0.48	µg/L	EPA 625.1	0.48	1			
2020/21-2	Lab	method blank	2/27/2021	Organic	1-Methylnaphthalene	n/a	<	0.024	µg/L	EPA 8270C	0.024	0.1			
2020/21-2	Lab	method blank	3/5/2021	Organic	2,4,5-Trichlorophenol	n/a	<	0.29	µg/L	EPA 8270C	0.29	1			
2020/21-2	Lab	srgt LCS	2/9/2021	Organic	2,4,6-Tribromophenol	n/a	=	8.55	µg/L	EPA 625.1	-88	-88			
2020/21-2	Lab	srgt LCS, rec	2/9/2021	Organic	2,4,6-Tribromophenol	n/a	=	86	%	EPA 625.1	-88	-88	25	120	
2020/21-2	Lab	srgt LCS dup	2/9/2021	Organic	2,4,6-Tribromophenol	n/a	=	9.62	µg/L	EPA 625.1	-88	-88			
2020/21-2	Lab	srgt LCS dup, rec	2/9/2021	Organic	2,4,6-Tribromophenol	n/a	=	96	%	EPA 625.1	-88	-88	25	120	
2020/21-2	Lab	srgt method blank	2/9/2021	Organic	2,4,6-Tribromophenol	n/a	=	8.52	µg/L	EPA 625.1	-88	-88			
2020/21-2	Lab	srgt method blank, rec	2/9/2021	Organic	2,4,6-Tribromophenol	n/a	=	85	%	EPA 625.1	-88	-88	25	120	
2020/21-2	Lab	srgt method blank	3/5/2021	Organic	2,4,6-Tribromophenol	n/a	=	7.26	µg/L	EPA 8270C	-88	-88			
2020/21-2	Lab	srgt method blank, rec	3/5/2021	Organic	2,4,6-Tribromophenol	n/a	=	73	%	EPA 8270C	-88	-88	26	117	
2020/21-2	Lab	srgt LCS	3/5/2021	Organic	2,4,6-Tribromophenol	n/a	=	7.77	µg/L	EPA 8270C	-88	-88			
2020/21-2	Lab	srgt LCS, rec	3/5/2021	Organic	2,4,6-Tribromophenol	n/a	=	78	%	EPA 8270C	-88	-88	26	117	
2020/21-2	Lab	srgt LCS dup	3/5/2021	Organic	2,4,6-Tribromophenol	n/a	=	8.42	µg/L	EPA 8270C	-88	-88			
2020/21-2	Lab	srgt LCS dup, rec	3/5/2021	Organic	2,4,6-Tribromophenol	n/a	=	84	%	EPA 8270C	-88	-88	26	117	
2020/21-2	ME-CC	srgt environ	2/9/2021	Organic	2,4,6-Tribromophenol	n/a	=	91.4	µg/L	EPA 625.1	-88	-88			
2020/21-2	ME-CC	srgt environ, rec	2/9/2021	Organic	2,4,6-Tribromophenol	n/a	=	91	%	EPA 625.1	-88	-88	25	120	
2020/21-2	ME-CC	srgt environ	3/5/2021	Organic	2,4,6-Tribromophenol	n/a	=	87.1	µg/L	EPA 8270C	-88	-88			
2020/21-2	ME-CC	srgt environ, rec	3/5/2021	Organic	2,4,6-Tribromophenol	n/a	=	87	%	EPA 8270C	-88	-88	26	117	
2020/21-2	ME-SCR	srgt environ	2/9/2021	Organic	2,4,6-Tribromophenol	n/a	=	300	µg/L	EPA 625.1	-88	-88			
2020/21-2	ME-SCR	srgt environ, rec	2/9/2021	Organic	2,4,6-Tribromophenol	n/a	=	60	%	EPA 625.1	-88	-88	25	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	
2020/21-2	ME-SCR	srgt environ	3/5/2021	Organic	2,4,6-Tribromophenol	n/a	=	314	µg/L	EPA 8270C	-88	-88			
2020/21-2	ME-SCR	srgt environ, rec	3/5/2021	Organic	2,4,6-Tribromophenol	n/a	=	63	%	EPA 8270C	-88	-88	26	117	
2020/21-2	ME-VR2	srgt environ	2/9/2021	Organic	2,4,6-Tribromophenol	n/a	=	9.19	µg/L	EPA 625.1	-88	-88			
2020/21-2	ME-VR2	srgt environ, rec	2/9/2021	Organic	2,4,6-Tribromophenol	n/a	=	92	%	EPA 625.1	-88	-88	25	120	
2020/21-2	ME-VR2	srgt environ	3/5/2021	Organic	2,4,6-Tribromophenol	n/a	=	8.88	µg/L	EPA 8270C	-88	-88			
2020/21-2	ME-VR2	srgt environ, rec	3/5/2021	Organic	2,4,6-Tribromophenol	n/a	=	89	%	EPA 8270C	-88	-88	26	117	
2020/21-2	MO-CAM	srgt environ	2/9/2021	Organic	2,4,6-Tribromophenol	n/a	=	8.45	µg/L	EPA 625.1	-88	-88			
2020/21-2	MO-CAM	srgt environ, rec	2/9/2021	Organic	2,4,6-Tribromophenol	n/a	=	84	%	EPA 625.1	-88	-88	25	120	
2020/21-2	MO-CAM	srgt environ	3/5/2021	Organic	2,4,6-Tribromophenol	n/a	=	8.34	µg/L	EPA 8270C	-88	-88			
2020/21-2	MO-CAM	srgt environ, rec	3/5/2021	Organic	2,4,6-Tribromophenol	n/a	=	83	%	EPA 8270C	-88	-88	26	117	
2020/21-2	MO-FIL	srgt environ	2/10/2021	Organic	2,4,6-Tribromophenol	n/a	=	7.34	µg/L	EPA 625.1	-88	-88			
2020/21-2	MO-FIL	srgt environ, rec	2/10/2021	Organic	2,4,6-Tribromophenol	n/a	=	73	%	EPA 625.1	-88	-88	25	120	
2020/21-2	MO-FIL	srgt environ	3/5/2021	Organic	2,4,6-Tribromophenol	n/a	=	7.56	µg/L	EPA 8270C	-88	-88			
2020/21-2	MO-FIL	srgt environ, rec	3/5/2021	Organic	2,4,6-Tribromophenol	n/a	=	76	%	EPA 8270C	-88	-88	26	117	
2020/21-2	MO-HUE	srgt environ	2/10/2021	Organic	2,4,6-Tribromophenol	n/a	=	10.2	µg/L	EPA 625.1	-88	-88			
2020/21-2	MO-HUE	srgt environ, rec	2/10/2021	Organic	2,4,6-Tribromophenol	n/a	=	102	%	EPA 625.1	-88	-88	25	120	
2020/21-2	MO-HUE	srgt environ	3/5/2021	Organic	2,4,6-Tribromophenol	n/a	=	6.48	µg/L	EPA 8270C	-88	-88			
2020/21-2	MO-HUE	srgt environ, rec	3/5/2021	Organic	2,4,6-Tribromophenol	n/a	=	65	%	EPA 8270C	-88	-88	26	117	
2020/21-2	MO-MEI	srgt environ	2/9/2021	Organic	2,4,6-Tribromophenol	n/a	=	86.8	µg/L	EPA 625.1	-88	-88			
2020/21-2	MO-MEI	srgt environ, rec	2/9/2021	Organic	2,4,6-Tribromophenol	n/a	=	87	%	EPA 625.1	-88	-88	25	120	
2020/21-2	MO-MEI	srgt environ	3/5/2021	Organic	2,4,6-Tribromophenol	n/a	=	80.5	µg/L	EPA 8270C	-88	-88			
2020/21-2	MO-MEI	srgt environ, rec	3/5/2021	Organic	2,4,6-Tribromophenol	n/a	=	81	%	EPA 8270C	-88	-88	26	117	
2020/21-2	MO-MPK	srgt environ	2/10/2021	Organic	2,4,6-Tribromophenol	n/a	=	91.6	µg/L	EPA 625.1	-88	-88			
2020/21-2	MO-MPK	srgt environ, rec	2/10/2021	Organic	2,4,6-Tribromophenol	n/a	=	92	%	EPA 625.1	-88	-88	25	120	
2020/21-2	MO-MPK	srgt environ	3/5/2021	Organic	2,4,6-Tribromophenol	n/a	=	92.2	µg/L	EPA 8270C	-88	-88			
2020/21-2	MO-MPK	srgt environ, rec	3/5/2021	Organic	2,4,6-Tribromophenol	n/a	=	92	%	EPA 8270C	-88	-88	26	117	
2020/21-2	MO-OJA	srgt environ	2/9/2021	Organic	2,4,6-Tribromophenol	n/a	=	81.7	µg/L	EPA 625.1	-88	-88			
2020/21-2	MO-OJA	srgt environ, rec	2/9/2021	Organic	2,4,6-Tribromophenol	n/a	=	82	%	EPA 625.1	-88	-88	25	120	
2020/21-2	MO-OJA	srgt environ	3/5/2021	Organic	2,4,6-Tribromophenol	n/a	=	87.4	µg/L	EPA 8270C	-88	-88			
2020/21-2	MO-OJA	srgt environ, rec	3/5/2021	Organic	2,4,6-Tribromophenol	n/a	=	87	%	EPA 8270C	-88	-88	26	117	
2020/21-2	MO-OXN	srgt environ	2/9/2021	Organic	2,4,6-Tribromophenol	n/a	=	84.4	µg/L	EPA 625.1	-88	-88			
2020/21-2	MO-OXN	srgt environ, rec	2/9/2021	Organic	2,4,6-Tribromophenol	n/a	=	84	%	EPA 625.1	-88	-88	25	120	
2020/21-2	MO-OXN	srgt environ	3/5/2021	Organic	2,4,6-Tribromophenol	n/a	=	80.6	µg/L	EPA 8270C	-88	-88			
2020/21-2	MO-OXN	srgt environ, rec	3/5/2021	Organic	2,4,6-Tribromophenol	n/a	=	81	%	EPA 8270C	-88	-88	26	117	
2020/21-2	MO-SIM	srgt environ	2/9/2021	Organic	2,4,6-Tribromophenol	n/a	=	86.9	µg/L	EPA 625.1	-88	-88			
2020/21-2	MO-SIM	srgt environ, rec	2/9/2021	Organic	2,4,6-Tribromophenol	n/a	=	87	%	EPA 625.1	-88	-88	25	120	
2020/21-2	MO-SIM	srgt environ	3/5/2021	Organic	2,4,6-Tribromophenol	n/a	=	91.3	µg/L	EPA 8270C	-88	-88			
2020/21-2	MO-SIM	srgt environ, rec	3/5/2021	Organic	2,4,6-Tribromophenol	n/a	=	91	%	EPA 8270C	-88	-88	26	117	
2020/21-2	MO-SPA	srgt environ	2/9/2021	Organic	2,4,6-Tribromophenol	n/a	=	88.9	µg/L	EPA 625.1	-88	-88			
2020/21-2	MO-SPA	srgt environ, rec	2/9/2021	Organic	2,4,6-Tribromophenol	n/a	=	89	%	EPA 625.1	-88	-88	25	120	
2020/21-2	MO-SPA	srgt environ	3/5/2021	Organic	2,4,6-Tribromophenol	n/a	=	87	µg/L	EPA 8270C	-88	-88			
2020/21-2	MO-SPA	srgt environ, rec	3/5/2021	Organic	2,4,6-Tribromophenol	n/a	=	87	%	EPA 8270C	-88	-88	26	117	
2020/21-2	MO-THO	srgt environ	2/9/2021	Organic	2,4,6-Tribromophenol	n/a	=	137	µg/L	EPA 625.1	-88	-88			
2020/21-2	MO-THO	srgt environ, rec	2/9/2021	Organic	2,4,6-Tribromophenol	n/a	=	69	%	EPA 625.1	-88	-88	25	120	
2020/21-2	MO-THO	srgt environ	3/5/2021	Organic	2,4,6-Tribromophenol	n/a	=	126	µg/L	EPA 8270C	-88	-88			
2020/21-2	MO-THO	srgt environ, rec	3/5/2021	Organic	2,4,6-Tribromophenol	n/a	=	63	%	EPA 8270C	-88	-88	26	117	
2020/21-2	MO-VEN	srgt environ	2/9/2021	Organic	2,4,6-Tribromophenol	n/a	=	88.5	µg/L	EPA 625.1	-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	
2020/21-2	MO-VEN	srgt environ, rec	2/9/2021	Organic	2,4,6-Tribromophenol	n/a	=	88	%	EPA 625.1	-88	-88	25	120	
2020/21-2	MO-VEN	srgt environ	3/5/2021	Organic	2,4,6-Tribromophenol	n/a	=	81.3	µg/L	EPA 8270C	-88	-88			
2020/21-2	MO-VEN	srgt environ, rec	3/5/2021	Organic	2,4,6-Tribromophenol	n/a	=	81	%	EPA 8270C	-88	-88	26	117	
2020/21-2	Lab	LCS	2/9/2021	Organic	2,4,6-Trichlorophenol	n/a	=	8.69	µg/L	EPA 625.1	0.22	1			
2020/21-2	Lab	LCS, rec	2/9/2021	Organic	2,4,6-Trichlorophenol	n/a	=	87	%	EPA 625.1	-88	-88	52	129	
2020/21-2	Lab	LCS dup	2/9/2021	Organic	2,4,6-Trichlorophenol	n/a	=	10.1	µg/L	EPA 625.1	0.22	1			
2020/21-2	Lab	LCS dup, rec	2/9/2021	Organic	2,4,6-Trichlorophenol	n/a	=	101	%	EPA 625.1	-88	-88	52	129	
2020/21-2	Lab	LCS, RPD	2/9/2021	Organic	2,4,6-Trichlorophenol	n/a	=	15	%	EPA 625.1	-88	-88	0	30	
2020/21-2	Lab	method blank	2/9/2021	Organic	2,4,6-Trichlorophenol	n/a	<	0.22	µg/L	EPA 625.1	0.22	1			
2020/21-2	Lab	method blank	3/5/2021	Organic	2,4,6-Trichlorophenol	n/a	<	0.3	µg/L	EPA 8270C	0.3	1			
2020/21-2	Lab	LCS	3/5/2021	Organic	2,4,6-Trichlorophenol	n/a	=	7.05	µg/L	EPA 8270C	0.3	1			
2020/21-2	Lab	LCS, rec	3/5/2021	Organic	2,4,6-Trichlorophenol	n/a	=	71	%	EPA 8270C	-88	-88	30	115	
2020/21-2	Lab	LCS dup	3/5/2021	Organic	2,4,6-Trichlorophenol	n/a	=	7.67	µg/L	EPA 8270C	0.3	1			
2020/21-2	Lab	LCS dup, rec	3/5/2021	Organic	2,4,6-Trichlorophenol	n/a	=	77	%	EPA 8270C	-88	-88	30	115	
2020/21-2	Lab	LCS, RPD	3/5/2021	Organic	2,4,6-Trichlorophenol	n/a	=	8	%	EPA 8270C	-88	-88	0	30	
2020/21-2	Lab	LCS	2/9/2021	Organic	2,4-Dichlorophenol	n/a	=	8.81	µg/L	EPA 625.1	0.26	1			
2020/21-2	Lab	LCS, rec	2/9/2021	Organic	2,4-Dichlorophenol	n/a	=	88	%	EPA 625.1	-88	-88	53	122	
2020/21-2	Lab	LCS dup	2/9/2021	Organic	2,4-Dichlorophenol	n/a	=	9.85	µg/L	EPA 625.1	0.26	1			
2020/21-2	Lab	LCS dup, rec	2/9/2021	Organic	2,4-Dichlorophenol	n/a	=	99	%	EPA 625.1	-88	-88	53	122	
2020/21-2	Lab	LCS, RPD	2/9/2021	Organic	2,4-Dichlorophenol	n/a	=	11	%	EPA 625.1	-88	-88	0	30	
2020/21-2	Lab	method blank	2/9/2021	Organic	2,4-Dichlorophenol	n/a	<	0.26	µg/L	EPA 625.1	0.26	1			
2020/21-2	Lab	method blank	3/5/2021	Organic	2,4-Dichlorophenol	n/a	<	0.51	µg/L	EPA 8270C	0.51	1			
2020/21-2	Lab	LCS	3/5/2021	Organic	2,4-Dichlorophenol	n/a	=	6.64	µg/L	EPA 8270C	0.51	1			
2020/21-2	Lab	LCS, rec	3/5/2021	Organic	2,4-Dichlorophenol	n/a	=	66	%	EPA 8270C	-88	-88	32	105	
2020/21-2	Lab	LCS dup	3/5/2021	Organic	2,4-Dichlorophenol	n/a	=	7.11	µg/L	EPA 8270C	0.51	1			
2020/21-2	Lab	LCS dup, rec	3/5/2021	Organic	2,4-Dichlorophenol	n/a	=	71	%	EPA 8270C	-88	-88	32	105	
2020/21-2	Lab	LCS, RPD	3/5/2021	Organic	2,4-Dichlorophenol	n/a	=	7	%	EPA 8270C	-88	-88	0	30	
2020/21-2	000NONPJ	srgt matrix spike	2/12/2021	Organic	2,4-Dichlorophenylacetic acid	n/a	=	10.6	µg/L	EPA 515.4	-88	-88			
2020/21-2	000NONPJ	srgt matrix spike, rec	2/12/2021	Organic	2,4-Dichlorophenylacetic acid	n/a	=	106	%	EPA 515.4	-88	-88	70	130	
2020/21-2	000NONPJ	srgt matrix spike dup	2/13/2021	Organic	2,4-Dichlorophenylacetic acid	n/a	=	10.4	µg/L	EPA 515.4	-88	-88			
2020/21-2	000NONPJ	srgt matrix spike dup, rec	2/13/2021	Organic	2,4-Dichlorophenylacetic acid	n/a	=	104	%	EPA 515.4	-88	-88	70	130	
2020/21-2	Lab	srgt method blank	2/12/2021	Organic	2,4-Dichlorophenylacetic acid	n/a	=	10.2	µg/L	EPA 515.4	-88	-88			
2020/21-2	Lab	srgt method blank, rec	2/12/2021	Organic	2,4-Dichlorophenylacetic acid	n/a	=	102	%	EPA 515.4	-88	-88	70	130	
2020/21-2	Lab	srgt LCS	2/12/2021	Organic	2,4-Dichlorophenylacetic acid	n/a	=	10.7	µg/L	EPA 515.4	-88	-88			
2020/21-2	Lab	srgt LCS, rec	2/12/2021	Organic	2,4-Dichlorophenylacetic acid	n/a	=	107	%	EPA 515.4	-88	-88	70	130	
2020/21-2	ME-CC	srgt environ	2/13/2021	Organic	2,4-Dichlorophenylacetic acid	n/a	=	9.72	µg/L	EPA 515.4	-88	-88			
2020/21-2	ME-CC	srgt environ, rec	2/13/2021	Organic	2,4-Dichlorophenylacetic acid	n/a	=	97	%	EPA 515.4	-88	-88	70	130	
2020/21-2	ME-SCR	srgt environ	2/13/2021	Organic	2,4-Dichlorophenylacetic acid	n/a	=	9.85	µg/L	EPA 515.4	-88	-88			
2020/21-2	ME-SCR	srgt environ, rec	2/13/2021	Organic	2,4-Dichlorophenylacetic acid	n/a	=	99	%	EPA 515.4	-88	-88	70	130	
2020/21-2	ME-VR2	srgt environ	2/13/2021	Organic	2,4-Dichlorophenylacetic acid	n/a	=	8.19	µg/L	EPA 515.4	-88	-88			
2020/21-2	ME-VR2	srgt environ, rec	2/13/2021	Organic	2,4-Dichlorophenylacetic acid	n/a	=	82	%	EPA 515.4	-88	-88	70	130	
2020/21-2	MO-CAM	srgt environ	2/13/2021	Organic	2,4-Dichlorophenylacetic acid	n/a	=	10.4	µg/L	EPA 515.4	-88	-88			
2020/21-2	MO-CAM	srgt environ, rec	2/13/2021	Organic	2,4-Dichlorophenylacetic acid	n/a	=	104	%	EPA 515.4	-88	-88	70	130	
2020/21-2	MO-FIL	srgt environ	2/13/2021	Organic	2,4-Dichlorophenylacetic acid	n/a	=	10.9	µg/L	EPA 515.4	-88	-88			
2020/21-2	MO-FIL	srgt environ, rec	2/13/2021	Organic	2,4-Dichlorophenylacetic acid	n/a	=	109	%	EPA 515.4	-88	-88	70	130	
2020/21-2	MO-HUE	srgt environ	2/13/2021	Organic	2,4-Dichlorophenylacetic acid	n/a	=	10.3	µg/L	EPA 515.4	-88	-88			
2020/21-2	MO-HUE	srgt environ, rec	2/13/2021	Organic	2,4-Dichlorophenylacetic acid	n/a	=	103	%	EPA 515.4	-88	-88	70	130	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2020/21-2	MO-MEI	srgt environ	2/13/2021	Organic	2,4-Dichlorophenylacetic acid	n/a	=	11.1	µg/L	EPA 515.4	-88	-88			
2020/21-2	MO-MEI	srgt environ, rec	2/13/2021	Organic	2,4-Dichlorophenylacetic acid	n/a	=	111	%	EPA 515.4	-88	-88	70	130	
2020/21-2	MO-MPK	srgt environ	2/13/2021	Organic	2,4-Dichlorophenylacetic acid	n/a	=	13	µg/L	EPA 515.4	-88	-88			
2020/21-2	MO-MPK	srgt environ, rec	2/13/2021	Organic	2,4-Dichlorophenylacetic acid	n/a	=	130	%	EPA 515.4	-88	-88	70	130	
2020/21-2	MO-OJA	srgt environ	2/13/2021	Organic	2,4-Dichlorophenylacetic acid	n/a	=	10.7	µg/L	EPA 515.4	-88	-88			
2020/21-2	MO-OJA	srgt environ, rec	2/13/2021	Organic	2,4-Dichlorophenylacetic acid	n/a	=	107	%	EPA 515.4	-88	-88	70	130	
2020/21-2	MO-OXN	srgt environ	2/13/2021	Organic	2,4-Dichlorophenylacetic acid	n/a	=	11.2	µg/L	EPA 515.4	-88	-88			
2020/21-2	MO-OXN	srgt environ, rec	2/13/2021	Organic	2,4-Dichlorophenylacetic acid	n/a	=	112	%	EPA 515.4	-88	-88	70	130	
2020/21-2	MO-SIM	srgt environ	2/13/2021	Organic	2,4-Dichlorophenylacetic acid	n/a	=	10.3	µg/L	EPA 515.4	-88	-88			
2020/21-2	MO-SIM	srgt environ, rec	2/13/2021	Organic	2,4-Dichlorophenylacetic acid	n/a	=	103	%	EPA 515.4	-88	-88	70	130	
2020/21-2	MO-SPA	srgt environ	2/13/2021	Organic	2,4-Dichlorophenylacetic acid	n/a	=	10.8	µg/L	EPA 515.4	-88	-88			
2020/21-2	MO-SPA	srgt environ, rec	2/13/2021	Organic	2,4-Dichlorophenylacetic acid	n/a	=	108	%	EPA 515.4	-88	-88	70	130	
2020/21-2	MO-THO	srgt environ	2/13/2021	Organic	2,4-Dichlorophenylacetic acid	n/a	=	10.6	µg/L	EPA 515.4	-88	-88			
2020/21-2	MO-THO	srgt environ, rec	2/13/2021	Organic	2,4-Dichlorophenylacetic acid	n/a	=	106	%	EPA 515.4	-88	-88	70	130	
2020/21-2	MO-VEN	srgt environ	2/13/2021	Organic	2,4-Dichlorophenylacetic acid	n/a	=	11.5	µg/L	EPA 515.4	-88	-88			
2020/21-2	MO-VEN	srgt environ, rec	2/13/2021	Organic	2,4-Dichlorophenylacetic acid	n/a	=	115	%	EPA 515.4	-88	-88	70	130	
2020/21-2	Lab	LCS	2/9/2021	Organic	2,4-Dimethylphenol	n/a	=	7.62	µg/L	EPA 625.1	0.3	1			
2020/21-2	Lab	LCS, rec	2/9/2021	Organic	2,4-Dimethylphenol	n/a	=	76	%	EPA 625.1	-88	-88	42	120	
2020/21-2	Lab	LCS dup	2/9/2021	Organic	2,4-Dimethylphenol	n/a	=	8.54	µg/L	EPA 625.1	0.3	1			
2020/21-2	Lab	LCS dup, rec	2/9/2021	Organic	2,4-Dimethylphenol	n/a	=	85	%	EPA 625.1	-88	-88	42	120	
2020/21-2	Lab	LCS, RPD	2/9/2021	Organic	2,4-Dimethylphenol	n/a	=	11	%	EPA 625.1	-88	-88	0	30	
2020/21-2	Lab	method blank	2/9/2021	Organic	2,4-Dimethylphenol	n/a	<	0.3	µg/L	EPA 625.1	0.3	1			
2020/21-2	Lab	method blank	3/5/2021	Organic	2,4-Dimethylphenol	n/a	<	1	µg/L	EPA 8270C	1	2			
2020/21-2	Lab	LCS	3/5/2021	Organic	2,4-Dimethylphenol	n/a	=	3.51	µg/L	EPA 8270C	1	2			
2020/21-2	Lab	LCS, rec	3/5/2021	Organic	2,4-Dimethylphenol	n/a	=	35	%	EPA 8270C	-88	-88	31	97	
2020/21-2	Lab	LCS dup	3/5/2021	Organic	2,4-Dimethylphenol	n/a	=	4.17	µg/L	EPA 8270C	1	2			
2020/21-2	Lab	LCS dup, rec	3/5/2021	Organic	2,4-Dimethylphenol	n/a	=	42	%	EPA 8270C	-88	-88	31	97	
2020/21-2	Lab	LCS, RPD	3/5/2021	Organic	2,4-Dimethylphenol	n/a	=	17	%	EPA 8270C	-88	-88	0	30	
2020/21-2	Lab	LCS	2/9/2021	Organic	2,4-Dinitrophenol	n/a	=	16.5	µg/L	EPA 625.1	1.9	10			
2020/21-2	Lab	LCS, rec	2/9/2021	Organic	2,4-Dinitrophenol	n/a	=	165	%	EPA 625.1	-88	-88	0.1	173	
2020/21-2	Lab	LCS dup	2/9/2021	Organic	2,4-Dinitrophenol	n/a	=	18.6	µg/L	EPA 625.1	1.9	10			EUM
2020/21-2	Lab	LCS dup, rec	2/9/2021	Organic	2,4-Dinitrophenol	n/a	=	186	%	EPA 625.1	-88	-88	0.1	173	EUM
2020/21-2	Lab	LCS, RPD	2/9/2021	Organic	2,4-Dinitrophenol	n/a	=	12	%	EPA 625.1	-88	-88	0	30	EUM
2020/21-2	Lab	method blank	2/9/2021	Organic	2,4-Dinitrophenol	n/a	<	1.9	µg/L	EPA 625.1	1.9	10			
2020/21-2	Lab	method blank	3/5/2021	Organic	2,4-Dinitrophenol	n/a	<	1	µg/L	EPA 8270C	1	2			
2020/21-2	Lab	LCS	3/5/2021	Organic	2,4-Dinitrophenol	n/a	=	9.85	µg/L	EPA 8270C	1	2			
2020/21-2	Lab	LCS, rec	3/5/2021	Organic	2,4-Dinitrophenol	n/a	=	99	%	EPA 8270C	-88	-88	7	155	
2020/21-2	Lab	LCS dup	3/5/2021	Organic	2,4-Dinitrophenol	n/a	=	10.9	µg/L	EPA 8270C	1	2			
2020/21-2	Lab	LCS dup, rec	3/5/2021	Organic	2,4-Dinitrophenol	n/a	=	109	%	EPA 8270C	-88	-88	7	155	
2020/21-2	Lab	LCS, RPD	3/5/2021	Organic	2,4-Dinitrophenol	n/a	=	10	%	EPA 8270C	-88	-88	0	30	
2020/21-2	Lab	LCS	2/9/2021	Organic	2,4-Dinitrotoluene	n/a	=	11.8	µg/L	EPA 625.1	0.18	1			
2020/21-2	Lab	LCS, rec	2/9/2021	Organic	2,4-Dinitrotoluene	n/a	=	118	%	EPA 625.1	-88	-88	48	127	
2020/21-2	Lab	LCS dup	2/9/2021	Organic	2,4-Dinitrotoluene	n/a	=	13	µg/L	EPA 625.1	0.18	1			EUM
2020/21-2	Lab	LCS dup, rec	2/9/2021	Organic	2,4-Dinitrotoluene	n/a	=	130	%	EPA 625.1	-88	-88	48	127	EUM
2020/21-2	Lab	LCS, RPD	2/9/2021	Organic	2,4-Dinitrotoluene	n/a	=	9	%	EPA 625.1	-88	-88	0	30	EUM
2020/21-2	Lab	method blank	2/9/2021	Organic	2,4-Dinitrotoluene	n/a	<	0.18	µg/L	EPA 625.1	0.18	1			
2020/21-2	Lab	LCS	2/9/2021	Organic	2,6-Dinitrotoluene	n/a	=	8.64	µg/L	EPA 625.1	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	
2020/21-2	Lab	LCS, rec	2/9/2021	Organic	2,6-Dinitrotoluene	n/a	=	86	%	EPA 625.1	-88	-88	68	137	
2020/21-2	Lab	LCS dup	2/9/2021	Organic	2,6-Dinitrotoluene	n/a	=	10.1	µg/L	EPA 625.1	0.27	1			
2020/21-2	Lab	LCS dup, rec	2/9/2021	Organic	2,6-Dinitrotoluene	n/a	=	101	%	EPA 625.1	-88	-88	68	137	
2020/21-2	Lab	LCS, RPD	2/9/2021	Organic	2,6-Dinitrotoluene	n/a	=	15	%	EPA 625.1	-88	-88	0	30	
2020/21-2	Lab	method blank	2/9/2021	Organic	2,6-Dinitrotoluene	n/a	<	0.27	µg/L	EPA 625.1	0.27	1			
2020/21-2	Lab	LCS	1/31/2021	Organic	2-Chloroethyl vinyl ether	n/a	=	52.5	µg/L	EPA 624.1	0.19	1			
2020/21-2	Lab	LCS, rec	1/31/2021	Organic	2-Chloroethyl vinyl ether	n/a	=	105	%	EPA 624.1	-88	-88	0.1	305	
2020/21-2	Lab	LCS dup	1/31/2021	Organic	2-Chloroethyl vinyl ether	n/a	=	52.3	µg/L	EPA 624.1	0.19	1			
2020/21-2	Lab	LCS dup, rec	1/31/2021	Organic	2-Chloroethyl vinyl ether	n/a	=	105	%	EPA 624.1	-88	-88	0.1	305	
2020/21-2	Lab	LCS, RPD	1/31/2021	Organic	2-Chloroethyl vinyl ether	n/a	=	0.3	%	EPA 624.1	-88	-88	0	25	
2020/21-2	Lab	method blank	1/31/2021	Organic	2-Chloroethyl vinyl ether	n/a	<	0.19	µg/L	EPA 624.1	0.19	1			
2020/21-2	MO-MPK	field blank	1/31/2021	Organic	2-Chloroethyl vinyl ether	n/a	<	0.19	µg/L	EPA 624.1	0.19	1			
2020/21-2	MO-THO	field duplicate	1/31/2021	Organic	2-Chloroethyl vinyl ether	n/a	<	0.19	µg/L	EPA 624.1	0.19	1			
2020/21-2	Lab	LCS	2/9/2021	Organic	2-Chloronaphthalene	n/a	=	8.23	µg/L	EPA 625.1	0.45	1			
2020/21-2	Lab	LCS, rec	2/9/2021	Organic	2-Chloronaphthalene	n/a	=	82	%	EPA 625.1	-88	-88	65	120	
2020/21-2	Lab	LCS dup	2/9/2021	Organic	2-Chloronaphthalene	n/a	=	9.43	µg/L	EPA 625.1	0.45	1			
2020/21-2	Lab	LCS dup, rec	2/9/2021	Organic	2-Chloronaphthalene	n/a	=	94	%	EPA 625.1	-88	-88	65	120	
2020/21-2	Lab	LCS, RPD	2/9/2021	Organic	2-Chloronaphthalene	n/a	=	14	%	EPA 625.1	-88	-88	0	30	
2020/21-2	Lab	method blank	2/9/2021	Organic	2-Chloronaphthalene	n/a	<	0.45	µg/L	EPA 625.1	0.45	1			
2020/21-2	Lab	LCS	2/9/2021	Organic	2-Chlorophenol	n/a	=	7.47	µg/L	EPA 625.1	0.28	1			
2020/21-2	Lab	LCS, rec	2/9/2021	Organic	2-Chlorophenol	n/a	=	75	%	EPA 625.1	-88	-88	36	120	
2020/21-2	Lab	LCS dup	2/9/2021	Organic	2-Chlorophenol	n/a	=	8.24	µg/L	EPA 625.1	0.28	1			
2020/21-2	Lab	LCS dup, rec	2/9/2021	Organic	2-Chlorophenol	n/a	=	82	%	EPA 625.1	-88	-88	36	120	
2020/21-2	Lab	LCS, RPD	2/9/2021	Organic	2-Chlorophenol	n/a	=	10	%	EPA 625.1	-88	-88	0	30	
2020/21-2	Lab	method blank	2/9/2021	Organic	2-Chlorophenol	n/a	<	0.28	µg/L	EPA 625.1	0.28	1			
2020/21-2	Lab	method blank	3/5/2021	Organic	2-Chlorophenol	n/a	<	0.65	µg/L	EPA 8270C	0.65	1			
2020/21-2	Lab	LCS	3/5/2021	Organic	2-Chlorophenol	n/a	=	6.73	µg/L	EPA 8270C	0.65	1			
2020/21-2	Lab	LCS, rec	3/5/2021	Organic	2-Chlorophenol	n/a	=	67	%	EPA 8270C	-88	-88	27	90	
2020/21-2	Lab	LCS dup	3/5/2021	Organic	2-Chlorophenol	n/a	=	7.05	µg/L	EPA 8270C	0.65	1			
2020/21-2	Lab	LCS dup, rec	3/5/2021	Organic	2-Chlorophenol	n/a	=	71	%	EPA 8270C	-88	-88	27	90	
2020/21-2	Lab	LCS, RPD	3/5/2021	Organic	2-Chlorophenol	n/a	=	5	%	EPA 8270C	-88	-88	0	30	
2020/21-2	Lab	srgt LCS	2/9/2021	Organic	2-Fluorobiphenyl	n/a	=	3.92	µg/L	EPA 625.1	-88	-88			
2020/21-2	Lab	srgt LCS, rec	2/9/2021	Organic	2-Fluorobiphenyl	n/a	=	78	%	EPA 625.1	-88	-88	22	120	
2020/21-2	Lab	srgt LCS dup	2/9/2021	Organic	2-Fluorobiphenyl	n/a	=	4.66	µg/L	EPA 625.1	-88	-88			
2020/21-2	Lab	srgt LCS dup, rec	2/9/2021	Organic	2-Fluorobiphenyl	n/a	=	93	%	EPA 625.1	-88	-88	22	120	
2020/21-2	Lab	srgt method blank	2/9/2021	Organic	2-Fluorobiphenyl	n/a	=	4.79	µg/L	EPA 625.1	-88	-88			
2020/21-2	Lab	srgt method blank, rec	2/9/2021	Organic	2-Fluorobiphenyl	n/a	=	96	%	EPA 625.1	-88	-88	22	120	
2020/21-2	Lab	srgt method blank	2/27/2021	Organic	2-Fluorobiphenyl	n/a	=	3.71	µg/L	EPA 8270C	-88	-88			
2020/21-2	Lab	srgt method blank, rec	2/27/2021	Organic	2-Fluorobiphenyl	n/a	=	74	%	EPA 8270C	-88	-88	51	139	
2020/21-2	Lab	srgt LCS	2/27/2021	Organic	2-Fluorobiphenyl	n/a	=	3.18	µg/L	EPA 8270C	-88	-88			
2020/21-2	Lab	srgt LCS, rec	2/27/2021	Organic	2-Fluorobiphenyl	n/a	=	64	%	EPA 8270C	-88	-88	51	139	
2020/21-2	Lab	srgt LCS dup	2/27/2021	Organic	2-Fluorobiphenyl	n/a	=	3.57	µg/L	EPA 8270C	-88	-88			
2020/21-2	Lab	srgt LCS dup, rec	2/27/2021	Organic	2-Fluorobiphenyl	n/a	=	71	%	EPA 8270C	-88	-88	51	139	
2020/21-2	ME-CC	srgt environ	2/9/2021	Organic	2-Fluorobiphenyl	n/a	=	48.2	µg/L	EPA 625.1	-88	-88			
2020/21-2	ME-CC	srgt environ, rec	2/9/2021	Organic	2-Fluorobiphenyl	n/a	=	96	%	EPA 625.1	-88	-88	22	120	
2020/21-2	ME-CC	srgt environ	2/27/2021	Organic	2-Fluorobiphenyl	n/a	=	38.6	µg/L	EPA 8270C	-88	-88			
2020/21-2	ME-CC	srgt environ, rec	2/27/2021	Organic	2-Fluorobiphenyl	n/a	=	77	%	EPA 8270C	-88	-88	51	139	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2020/21-2	ME-SCR	srgt environ	2/9/2021	Organic	2-Fluorobiphenyl	n/a	=	205	µg/L	EPA 625.1	-88	-88			
2020/21-2	ME-SCR	srgt environ, rec	2/9/2021	Organic	2-Fluorobiphenyl	n/a	=	82	%	EPA 625.1	-88	-88	22	120	
2020/21-2	ME-SCR	srgt environ	2/27/2021	Organic	2-Fluorobiphenyl	n/a	=	160	µg/L	EPA 8270C	-88	-88			
2020/21-2	ME-SCR	srgt environ, rec	2/27/2021	Organic	2-Fluorobiphenyl	n/a	=	64	%	EPA 8270C	-88	-88	51	139	
2020/21-2	ME-VR2	srgt environ	2/9/2021	Organic	2-Fluorobiphenyl	n/a	=	4.59	µg/L	EPA 625.1	-88	-88			
2020/21-2	ME-VR2	srgt environ, rec	2/9/2021	Organic	2-Fluorobiphenyl	n/a	=	92	%	EPA 625.1	-88	-88	22	120	
2020/21-2	ME-VR2	srgt environ	2/27/2021	Organic	2-Fluorobiphenyl	n/a	=	3.62	µg/L	EPA 8270C	-88	-88			
2020/21-2	ME-VR2	srgt environ, rec	2/27/2021	Organic	2-Fluorobiphenyl	n/a	=	72	%	EPA 8270C	-88	-88	51	139	
2020/21-2	MO-CAM	srgt environ	2/9/2021	Organic	2-Fluorobiphenyl	n/a	=	4.29	µg/L	EPA 625.1	-88	-88			
2020/21-2	MO-CAM	srgt environ, rec	2/9/2021	Organic	2-Fluorobiphenyl	n/a	=	86	%	EPA 625.1	-88	-88	22	120	
2020/21-2	MO-CAM	srgt environ	2/27/2021	Organic	2-Fluorobiphenyl	n/a	=	3.26	µg/L	EPA 8270C	-88	-88			
2020/21-2	MO-CAM	srgt environ, rec	2/27/2021	Organic	2-Fluorobiphenyl	n/a	=	65	%	EPA 8270C	-88	-88	51	139	
2020/21-2	MO-FIL	srgt environ	2/10/2021	Organic	2-Fluorobiphenyl	n/a	=	4.24	µg/L	EPA 625.1	-88	-88			
2020/21-2	MO-FIL	srgt environ, rec	2/10/2021	Organic	2-Fluorobiphenyl	n/a	=	85	%	EPA 625.1	-88	-88	22	120	
2020/21-2	MO-FIL	srgt environ	2/27/2021	Organic	2-Fluorobiphenyl	n/a	=	3.22	µg/L	EPA 8270C	-88	-88			
2020/21-2	MO-FIL	srgt environ, rec	2/27/2021	Organic	2-Fluorobiphenyl	n/a	=	64	%	EPA 8270C	-88	-88	51	139	
2020/21-2	MO-HUE	srgt environ	2/10/2021	Organic	2-Fluorobiphenyl	n/a	=	4.43	µg/L	EPA 625.1	-88	-88			
2020/21-2	MO-HUE	srgt environ, rec	2/10/2021	Organic	2-Fluorobiphenyl	n/a	=	89	%	EPA 625.1	-88	-88	22	120	
2020/21-2	MO-HUE	srgt environ	2/27/2021	Organic	2-Fluorobiphenyl	n/a	=	2.98	µg/L	EPA 8270C	-88	-88			
2020/21-2	MO-HUE	srgt environ, rec	2/27/2021	Organic	2-Fluorobiphenyl	n/a	=	60	%	EPA 8270C	-88	-88	51	139	
2020/21-2	MO-MEI	srgt environ	2/9/2021	Organic	2-Fluorobiphenyl	n/a	=	41.4	µg/L	EPA 625.1	-88	-88			
2020/21-2	MO-MEI	srgt environ, rec	2/9/2021	Organic	2-Fluorobiphenyl	n/a	=	83	%	EPA 625.1	-88	-88	22	120	
2020/21-2	MO-MEI	srgt environ	2/27/2021	Organic	2-Fluorobiphenyl	n/a	=	32.3	µg/L	EPA 8270C	-88	-88			
2020/21-2	MO-MEI	srgt environ, rec	2/27/2021	Organic	2-Fluorobiphenyl	n/a	=	65	%	EPA 8270C	-88	-88	51	139	
2020/21-2	MO-MPK	srgt environ	2/10/2021	Organic	2-Fluorobiphenyl	n/a	=	50.3	µg/L	EPA 625.1	-88	-88			
2020/21-2	MO-MPK	srgt environ, rec	2/10/2021	Organic	2-Fluorobiphenyl	n/a	=	101	%	EPA 625.1	-88	-88	22	120	
2020/21-2	MO-MPK	srgt environ	2/27/2021	Organic	2-Fluorobiphenyl	n/a	=	37.1	µg/L	EPA 8270C	-88	-88			
2020/21-2	MO-MPK	srgt environ, rec	2/27/2021	Organic	2-Fluorobiphenyl	n/a	=	74	%	EPA 8270C	-88	-88	51	139	
2020/21-2	MO-OJA	srgt environ	2/9/2021	Organic	2-Fluorobiphenyl	n/a	=	45.1	µg/L	EPA 625.1	-88	-88			
2020/21-2	MO-OJA	srgt environ, rec	2/9/2021	Organic	2-Fluorobiphenyl	n/a	=	90	%	EPA 625.1	-88	-88	22	120	
2020/21-2	MO-OJA	srgt environ	2/27/2021	Organic	2-Fluorobiphenyl	n/a	=	34.2	µg/L	EPA 8270C	-88	-88			
2020/21-2	MO-OJA	srgt environ, rec	2/27/2021	Organic	2-Fluorobiphenyl	n/a	=	68	%	EPA 8270C	-88	-88	51	139	
2020/21-2	MO-OXN	srgt environ	2/9/2021	Organic	2-Fluorobiphenyl	n/a	=	41.2	µg/L	EPA 625.1	-88	-88			
2020/21-2	MO-OXN	srgt environ, rec	2/9/2021	Organic	2-Fluorobiphenyl	n/a	=	82	%	EPA 625.1	-88	-88	22	120	
2020/21-2	MO-OXN	srgt environ	2/27/2021	Organic	2-Fluorobiphenyl	n/a	=	31.9	µg/L	EPA 8270C	-88	-88			
2020/21-2	MO-OXN	srgt environ, rec	2/27/2021	Organic	2-Fluorobiphenyl	n/a	=	64	%	EPA 8270C	-88	-88	51	139	
2020/21-2	MO-SIM	srgt environ	2/9/2021	Organic	2-Fluorobiphenyl	n/a	=	42.2	µg/L	EPA 625.1	-88	-88			
2020/21-2	MO-SIM	srgt environ, rec	2/9/2021	Organic	2-Fluorobiphenyl	n/a	=	84	%	EPA 625.1	-88	-88	22	120	
2020/21-2	MO-SIM	srgt environ	2/27/2021	Organic	2-Fluorobiphenyl	n/a	=	33.5	µg/L	EPA 8270C	-88	-88			
2020/21-2	MO-SIM	srgt environ, rec	2/27/2021	Organic	2-Fluorobiphenyl	n/a	=	67	%	EPA 8270C	-88	-88	51	139	
2020/21-2	MO-SPA	srgt environ	2/9/2021	Organic	2-Fluorobiphenyl	n/a	=	41.2	µg/L	EPA 625.1	-88	-88			
2020/21-2	MO-SPA	srgt environ, rec	2/9/2021	Organic	2-Fluorobiphenyl	n/a	=	82	%	EPA 625.1	-88	-88	22	120	
2020/21-2	MO-SPA	srgt environ	2/27/2021	Organic	2-Fluorobiphenyl	n/a	=	32.1	µg/L	EPA 8270C	-88	-88			
2020/21-2	MO-SPA	srgt environ, rec	2/27/2021	Organic	2-Fluorobiphenyl	n/a	=	64	%	EPA 8270C	-88	-88	51	139	
2020/21-2	MO-THO	srgt environ	2/9/2021	Organic	2-Fluorobiphenyl	n/a	=	71.5	µg/L	EPA 625.1	-88	-88			
2020/21-2	MO-THO	srgt environ, rec	2/9/2021	Organic	2-Fluorobiphenyl	n/a	=	72	%	EPA 625.1	-88	-88	22	120	
2020/21-2	MO-THO	srgt environ	2/27/2021	Organic	2-Fluorobiphenyl	n/a	=	57.5	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	
2020/21-2	MO-THO	srgt environ, rec	2/27/2021	Organic	2-Fluorobiphenyl	n/a	=	58	%	EPA 8270C	-88	-88	51	139	
2020/21-2	MO-VEN	srgt environ	2/9/2021	Organic	2-Fluorobiphenyl	n/a	=	41.1	µg/L	EPA 625.1	-88	-88			
2020/21-2	MO-VEN	srgt environ, rec	2/9/2021	Organic	2-Fluorobiphenyl	n/a	=	82	%	EPA 625.1	-88	-88	22	120	
2020/21-2	MO-VEN	srgt environ	2/27/2021	Organic	2-Fluorobiphenyl	n/a	=	33.4	µg/L	EPA 8270C	-88	-88			
2020/21-2	MO-VEN	srgt environ, rec	2/27/2021	Organic	2-Fluorobiphenyl	n/a	=	67	%	EPA 8270C	-88	-88	51	139	
2020/21-2	Lab	srgt LCS	2/9/2021	Organic	2-Fluorophenol	n/a	=	4.67	µg/L	EPA 625.1	-88	-88			
2020/21-2	Lab	srgt LCS, rec	2/9/2021	Organic	2-Fluorophenol	n/a	=	47	%	EPA 625.1	-88	-88	17	120	
2020/21-2	Lab	srgt LCS dup	2/9/2021	Organic	2-Fluorophenol	n/a	=	5.1	µg/L	EPA 625.1	-88	-88			
2020/21-2	Lab	srgt LCS dup, rec	2/9/2021	Organic	2-Fluorophenol	n/a	=	51	%	EPA 625.1	-88	-88	17	120	
2020/21-2	Lab	srgt method blank	2/9/2021	Organic	2-Fluorophenol	n/a	=	5.71	µg/L	EPA 625.1	-88	-88			
2020/21-2	Lab	srgt method blank, rec	2/9/2021	Organic	2-Fluorophenol	n/a	=	57	%	EPA 625.1	-88	-88	17	120	
2020/21-2	Lab	srgt method blank	3/5/2021	Organic	2-Fluorophenol	n/a	=	4.62	µg/L	EPA 8270C	-88	-88			
2020/21-2	Lab	srgt method blank, rec	3/5/2021	Organic	2-Fluorophenol	n/a	=	46	%	EPA 8270C	-88	-88	11	62	
2020/21-2	Lab	srgt LCS	3/5/2021	Organic	2-Fluorophenol	n/a	=	4.05	µg/L	EPA 8270C	-88	-88			
2020/21-2	Lab	srgt LCS, rec	3/5/2021	Organic	2-Fluorophenol	n/a	=	40	%	EPA 8270C	-88	-88	11	62	
2020/21-2	Lab	srgt LCS dup	3/5/2021	Organic	2-Fluorophenol	n/a	=	4.33	µg/L	EPA 8270C	-88	-88			
2020/21-2	Lab	srgt LCS dup, rec	3/5/2021	Organic	2-Fluorophenol	n/a	=	43	%	EPA 8270C	-88	-88	11	62	
2020/21-2	ME-CC	srgt environ	2/9/2021	Organic	2-Fluorophenol	n/a	=	60.3	µg/L	EPA 625.1	-88	-88			
2020/21-2	ME-CC	srgt environ, rec	2/9/2021	Organic	2-Fluorophenol	n/a	=	60	%	EPA 625.1	-88	-88	17	120	
2020/21-2	ME-CC	srgt environ	3/5/2021	Organic	2-Fluorophenol	n/a	=	51.5	µg/L	EPA 8270C	-88	-88			
2020/21-2	ME-CC	srgt environ, rec	3/5/2021	Organic	2-Fluorophenol	n/a	=	52	%	EPA 8270C	-88	-88	11	62	
2020/21-2	ME-SCR	srgt environ	2/9/2021	Organic	2-Fluorophenol	n/a	=	226	µg/L	EPA 625.1	-88	-88			
2020/21-2	ME-SCR	srgt environ, rec	2/9/2021	Organic	2-Fluorophenol	n/a	=	45	%	EPA 625.1	-88	-88	17	120	
2020/21-2	ME-SCR	srgt environ	3/5/2021	Organic	2-Fluorophenol	n/a	=	182	µg/L	EPA 8270C	-88	-88			
2020/21-2	ME-SCR	srgt environ, rec	3/5/2021	Organic	2-Fluorophenol	n/a	=	36	%	EPA 8270C	-88	-88	11	62	
2020/21-2	ME-VR2	srgt environ	2/9/2021	Organic	2-Fluorophenol	n/a	=	4.97	µg/L	EPA 625.1	-88	-88			
2020/21-2	ME-VR2	srgt environ, rec	2/9/2021	Organic	2-Fluorophenol	n/a	=	50	%	EPA 625.1	-88	-88	17	120	
2020/21-2	ME-VR2	srgt environ	3/5/2021	Organic	2-Fluorophenol	n/a	=	4.28	µg/L	EPA 8270C	-88	-88			
2020/21-2	ME-VR2	srgt environ, rec	3/5/2021	Organic	2-Fluorophenol	n/a	=	43	%	EPA 8270C	-88	-88	11	62	
2020/21-2	MO-CAM	srgt environ	2/9/2021	Organic	2-Fluorophenol	n/a	=	4.71	µg/L	EPA 625.1	-88	-88			
2020/21-2	MO-CAM	srgt environ, rec	2/9/2021	Organic	2-Fluorophenol	n/a	=	47	%	EPA 625.1	-88	-88	17	120	
2020/21-2	MO-CAM	srgt environ	3/5/2021	Organic	2-Fluorophenol	n/a	=	3.89	µg/L	EPA 8270C	-88	-88			
2020/21-2	MO-CAM	srgt environ, rec	3/5/2021	Organic	2-Fluorophenol	n/a	=	39	%	EPA 8270C	-88	-88	11	62	
2020/21-2	MO-FIL	srgt environ	2/10/2021	Organic	2-Fluorophenol	n/a	=	3.85	µg/L	EPA 625.1	-88	-88			
2020/21-2	MO-FIL	srgt environ, rec	2/10/2021	Organic	2-Fluorophenol	n/a	=	39	%	EPA 625.1	-88	-88	17	120	
2020/21-2	MO-FIL	srgt environ	3/5/2021	Organic	2-Fluorophenol	n/a	=	3.65	µg/L	EPA 8270C	-88	-88			
2020/21-2	MO-FIL	srgt environ, rec	3/5/2021	Organic	2-Fluorophenol	n/a	=	36	%	EPA 8270C	-88	-88	11	62	
2020/21-2	MO-HUE	srgt environ	2/10/2021	Organic	2-Fluorophenol	n/a	=	5.04	µg/L	EPA 625.1	-88	-88			
2020/21-2	MO-HUE	srgt environ, rec	2/10/2021	Organic	2-Fluorophenol	n/a	=	50	%	EPA 625.1	-88	-88	17	120	
2020/21-2	MO-HUE	srgt environ	3/5/2021	Organic	2-Fluorophenol	n/a	=	3.53	µg/L	EPA 8270C	-88	-88			
2020/21-2	MO-HUE	srgt environ, rec	3/5/2021	Organic	2-Fluorophenol	n/a	=	35	%	EPA 8270C	-88	-88	11	62	
2020/21-2	MO-MEI	srgt environ	2/9/2021	Organic	2-Fluorophenol	n/a	=	48.4	µg/L	EPA 625.1	-88	-88			
2020/21-2	MO-MEI	srgt environ, rec	2/9/2021	Organic	2-Fluorophenol	n/a	=	48	%	EPA 625.1	-88	-88	17	120	
2020/21-2	MO-MEI	srgt environ	3/5/2021	Organic	2-Fluorophenol	n/a	=	39.7	µg/L	EPA 8270C	-88	-88			
2020/21-2	MO-MEI	srgt environ, rec	3/5/2021	Organic	2-Fluorophenol	n/a	=	40	%	EPA 8270C	-88	-88	11	62	
2020/21-2	MO-MPK	srgt environ	2/10/2021	Organic	2-Fluorophenol	n/a	=	58.8	µg/L	EPA 625.1	-88	-88			
2020/21-2	MO-MPK	srgt environ, rec	2/10/2021	Organic	2-Fluorophenol	n/a	=	59	%	EPA 625.1	-88	-88	17	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	
2020/21-2	MO-MPK	srgt environ	3/5/2021	Organic	2-Fluorophenol	n/a	=	48.6	µg/L	EPA 8270C	-88	-88			
2020/21-2	MO-MPK	srgt environ, rec	3/5/2021	Organic	2-Fluorophenol	n/a	=	49	%	EPA 8270C	-88	-88	11	62	
2020/21-2	MO-OJA	srgt environ	2/9/2021	Organic	2-Fluorophenol	n/a	=	52.5	µg/L	EPA 625.1	-88	-88			
2020/21-2	MO-OJA	srgt environ, rec	2/9/2021	Organic	2-Fluorophenol	n/a	=	53	%	EPA 625.1	-88	-88	17	120	
2020/21-2	MO-OJA	srgt environ	3/5/2021	Organic	2-Fluorophenol	n/a	=	42.7	µg/L	EPA 8270C	-88	-88			
2020/21-2	MO-OJA	srgt environ, rec	3/5/2021	Organic	2-Fluorophenol	n/a	=	43	%	EPA 8270C	-88	-88	11	62	
2020/21-2	MO-OXN	srgt environ	2/9/2021	Organic	2-Fluorophenol	n/a	=	46.6	µg/L	EPA 625.1	-88	-88			
2020/21-2	MO-OXN	srgt environ, rec	2/9/2021	Organic	2-Fluorophenol	n/a	=	47	%	EPA 625.1	-88	-88	17	120	
2020/21-2	MO-OXN	srgt environ	3/5/2021	Organic	2-Fluorophenol	n/a	=	40.2	µg/L	EPA 8270C	-88	-88			
2020/21-2	MO-OXN	srgt environ, rec	3/5/2021	Organic	2-Fluorophenol	n/a	=	40	%	EPA 8270C	-88	-88	11	62	
2020/21-2	MO-SIM	srgt environ	2/9/2021	Organic	2-Fluorophenol	n/a	=	49.5	µg/L	EPA 625.1	-88	-88			
2020/21-2	MO-SIM	srgt environ, rec	2/9/2021	Organic	2-Fluorophenol	n/a	=	50	%	EPA 625.1	-88	-88	17	120	
2020/21-2	MO-SIM	srgt environ	3/5/2021	Organic	2-Fluorophenol	n/a	=	42.7	µg/L	EPA 8270C	-88	-88			
2020/21-2	MO-SIM	srgt environ, rec	3/5/2021	Organic	2-Fluorophenol	n/a	=	43	%	EPA 8270C	-88	-88	11	62	
2020/21-2	MO-SPA	srgt environ	2/9/2021	Organic	2-Fluorophenol	n/a	=	49	µg/L	EPA 625.1	-88	-88			
2020/21-2	MO-SPA	srgt environ, rec	2/9/2021	Organic	2-Fluorophenol	n/a	=	49	%	EPA 625.1	-88	-88	17	120	
2020/21-2	MO-SPA	srgt environ	3/5/2021	Organic	2-Fluorophenol	n/a	=	40.4	µg/L	EPA 8270C	-88	-88			
2020/21-2	MO-SPA	srgt environ, rec	3/5/2021	Organic	2-Fluorophenol	n/a	=	40	%	EPA 8270C	-88	-88	11	62	
2020/21-2	MO-THO	srgt environ	2/9/2021	Organic	2-Fluorophenol	n/a	=	92.5	µg/L	EPA 625.1	-88	-88			
2020/21-2	MO-THO	srgt environ, rec	2/9/2021	Organic	2-Fluorophenol	n/a	=	46	%	EPA 625.1	-88	-88	17	120	
2020/21-2	MO-THO	srgt environ	3/5/2021	Organic	2-Fluorophenol	n/a	=	77.6	µg/L	EPA 8270C	-88	-88			
2020/21-2	MO-THO	srgt environ, rec	3/5/2021	Organic	2-Fluorophenol	n/a	=	39	%	EPA 8270C	-88	-88	11	62	
2020/21-2	MO-VEN	srgt environ	2/9/2021	Organic	2-Fluorophenol	n/a	=	47.2	µg/L	EPA 625.1	-88	-88			
2020/21-2	MO-VEN	srgt environ, rec	2/9/2021	Organic	2-Fluorophenol	n/a	=	47	%	EPA 625.1	-88	-88	17	120	
2020/21-2	MO-VEN	srgt environ	3/5/2021	Organic	2-Fluorophenol	n/a	=	40.5	µg/L	EPA 8270C	-88	-88			
2020/21-2	MO-VEN	srgt environ, rec	3/5/2021	Organic	2-Fluorophenol	n/a	=	40	%	EPA 8270C	-88	-88	11	62	
2020/21-2	Lab	method blank	2/27/2021	Organic	2-Methylnaphthalene	n/a	<	0.026	µg/L	EPA 8270C	0.026	0.1			
2020/21-2	Lab	method blank	3/5/2021	Organic	2-Methylphenol	n/a	<	0.34	µg/L	EPA 8270C	0.34	1			
2020/21-2	Lab	LCS	2/9/2021	Organic	2-Nitrophenol	n/a	=	9.46	µg/L	EPA 625.1	0.26	1			
2020/21-2	Lab	LCS, rec	2/9/2021	Organic	2-Nitrophenol	n/a	=	95	%	EPA 625.1	-88	-88	45	167	
2020/21-2	Lab	LCS dup	2/9/2021	Organic	2-Nitrophenol	n/a	=	10.7	µg/L	EPA 625.1	0.26	1			
2020/21-2	Lab	LCS dup, rec	2/9/2021	Organic	2-Nitrophenol	n/a	=	107	%	EPA 625.1	-88	-88	45	167	
2020/21-2	Lab	LCS, RPD	2/9/2021	Organic	2-Nitrophenol	n/a	=	12	%	EPA 625.1	-88	-88	0	30	
2020/21-2	Lab	method blank	2/9/2021	Organic	2-Nitrophenol	n/a	<	0.26	µg/L	EPA 625.1	0.26	1			
2020/21-2	Lab	method blank	3/5/2021	Organic	2-Nitrophenol	n/a	<	0.71	µg/L	EPA 8270C	0.71	1			
2020/21-2	Lab	LCS	3/5/2021	Organic	2-Nitrophenol	n/a	=	6.29	µg/L	EPA 8270C	0.71	1			
2020/21-2	Lab	LCS, rec	3/5/2021	Organic	2-Nitrophenol	n/a	=	63	%	EPA 8270C	-88	-88	33	103	
2020/21-2	Lab	LCS dup	3/5/2021	Organic	2-Nitrophenol	n/a	=	7.07	µg/L	EPA 8270C	0.71	1			
2020/21-2	Lab	LCS dup, rec	3/5/2021	Organic	2-Nitrophenol	n/a	=	71	%	EPA 8270C	-88	-88	33	103	
2020/21-2	Lab	LCS, RPD	3/5/2021	Organic	2-Nitrophenol	n/a	=	12	%	EPA 8270C	-88	-88	0	30	
2020/21-2	Lab	LCS	2/9/2021	Organic	3,3'-Dichlorobenzidine	n/a	=	11.9	µg/L	EPA 625.1	0.99	5			
2020/21-2	Lab	LCS, rec	2/9/2021	Organic	3,3'-Dichlorobenzidine	n/a	=	119	%	EPA 625.1	-88	-88	8	213	
2020/21-2	Lab	LCS dup	2/9/2021	Organic	3,3'-Dichlorobenzidine	n/a	=	12.3	µg/L	EPA 625.1	0.99	5			
2020/21-2	Lab	LCS dup, rec	2/9/2021	Organic	3,3'-Dichlorobenzidine	n/a	=	123	%	EPA 625.1	-88	-88	8	213	
2020/21-2	Lab	LCS, RPD	2/9/2021	Organic	3,3'-Dichlorobenzidine	n/a	=	3	%	EPA 625.1	-88	-88	0	30	
2020/21-2	Lab	method blank	2/9/2021	Organic	3,3'-Dichlorobenzidine	n/a	<	0.99	µg/L	EPA 625.1	0.99	5			
2020/21-2	Lab	method blank	3/5/2021	Organic	3-/4-Methylphenol	n/a	<	0.3	µg/L	EPA 8270C	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	
2020/21-2	Lab	LCS	2/9/2021	Organic	4,6-Dinitro-2-methylphenol	n/a	=	14.2	µg/L	EPA 625.1	1.4	5			EUM
2020/21-2	Lab	LCS, rec	2/9/2021	Organic	4,6-Dinitro-2-methylphenol	n/a	=	142	%	EPA 625.1	-88	-88	53	130	EUM
2020/21-2	Lab	LCS dup	2/9/2021	Organic	4,6-Dinitro-2-methylphenol	n/a	=	14.9	µg/L	EPA 625.1	1.4	5			EUM
2020/21-2	Lab	LCS dup, rec	2/9/2021	Organic	4,6-Dinitro-2-methylphenol	n/a	=	149	%	EPA 625.1	-88	-88	53	130	EUM
2020/21-2	Lab	LCS, RPD	2/9/2021	Organic	4,6-Dinitro-2-methylphenol	n/a	=	5	%	EPA 625.1	-88	-88	0	30	EUM
2020/21-2	Lab	method blank	2/9/2021	Organic	4,6-Dinitro-2-methylphenol	n/a	<	1.4	µg/L	EPA 625.1	1.4	5			
2020/21-2	Lab	method blank	3/5/2021	Organic	4,6-Dinitro-2-methylphenol	n/a	<	0.14	µg/L	EPA 8270C	0.14	1			
2020/21-2	Lab	LCS	3/5/2021	Organic	4,6-Dinitro-2-methylphenol	n/a	=	9.13	µg/L	EPA 8270C	0.14	1			
2020/21-2	Lab	LCS, rec	3/5/2021	Organic	4,6-Dinitro-2-methylphenol	n/a	=	91	%	EPA 8270C	-88	-88	33	118	
2020/21-2	Lab	LCS dup	3/5/2021	Organic	4,6-Dinitro-2-methylphenol	n/a	=	9.57	µg/L	EPA 8270C	0.14	1			
2020/21-2	Lab	LCS dup, rec	3/5/2021	Organic	4,6-Dinitro-2-methylphenol	n/a	=	96	%	EPA 8270C	-88	-88	33	118	
2020/21-2	Lab	LCS, RPD	3/5/2021	Organic	4,6-Dinitro-2-methylphenol	n/a	=	5	%	EPA 8270C	-88	-88	0	30	
2020/21-2	Lab	srgt LCS	1/31/2021	Organic	4-Bromofluorobenzene	n/a	=	50.7	µg/L	EPA 624.1	-88	-88			
2020/21-2	Lab	srgt LCS, rec	1/31/2021	Organic	4-Bromofluorobenzene	n/a	=	101	%	EPA 624.1	-88	-88	88	108	
2020/21-2	Lab	srgt LCS dup	1/31/2021	Organic	4-Bromofluorobenzene	n/a	=	48.8	µg/L	EPA 624.1	-88	-88			
2020/21-2	Lab	srgt LCS dup, rec	1/31/2021	Organic	4-Bromofluorobenzene	n/a	=	98	%	EPA 624.1	-88	-88	88	108	
2020/21-2	Lab	srgt method blank	1/31/2021	Organic	4-Bromofluorobenzene	n/a	=	48.4	µg/L	EPA 624.1	-88	-88			
2020/21-2	Lab	srgt method blank, rec	1/31/2021	Organic	4-Bromofluorobenzene	n/a	=	97	%	EPA 624.1	-88	-88	88	108	
2020/21-2	Lab	srgt LCS	1/31/2021	Organic	4-Bromofluorobenzene	n/a	=	50.3	µg/L	LUFT GC/MS	-88	-88			
2020/21-2	Lab	srgt LCS, rec	1/31/2021	Organic	4-Bromofluorobenzene	n/a	=	101	%	LUFT GC/MS	-88	-88	83	110	
2020/21-2	Lab	srgt LCS dup	1/31/2021	Organic	4-Bromofluorobenzene	n/a	=	50.8	µg/L	LUFT GC/MS	-88	-88			
2020/21-2	Lab	srgt LCS dup, rec	1/31/2021	Organic	4-Bromofluorobenzene	n/a	=	102	%	LUFT GC/MS	-88	-88	83	110	
2020/21-2	Lab	srgt method blank	1/31/2021	Organic	4-Bromofluorobenzene	n/a	=	48.6	µg/L	LUFT GC/MS	-88	-88			
2020/21-2	Lab	srgt method blank, rec	1/31/2021	Organic	4-Bromofluorobenzene	n/a	=	97	%	LUFT GC/MS	-88	-88	83	110	
2020/21-2	Lab	srgt LCS	2/1/2021	Organic	4-Bromofluorobenzene	n/a	=	50.2	µg/L	LUFT GC/MS	-88	-88			
2020/21-2	Lab	srgt LCS, rec	2/1/2021	Organic	4-Bromofluorobenzene	n/a	=	100	%	LUFT GC/MS	-88	-88	83	110	
2020/21-2	Lab	srgt LCS dup	2/1/2021	Organic	4-Bromofluorobenzene	n/a	=	49.7	µg/L	LUFT GC/MS	-88	-88			
2020/21-2	Lab	srgt LCS dup, rec	2/1/2021	Organic	4-Bromofluorobenzene	n/a	=	99	%	LUFT GC/MS	-88	-88	83	110	
2020/21-2	Lab	srgt method blank	2/1/2021	Organic	4-Bromofluorobenzene	n/a	=	48.1	µg/L	LUFT GC/MS	-88	-88			
2020/21-2	Lab	srgt method blank, rec	2/1/2021	Organic	4-Bromofluorobenzene	n/a	=	96	%	LUFT GC/MS	-88	-88	83	110	
2020/21-2	ME-CC	srgt environ	1/31/2021	Organic	4-Bromofluorobenzene	n/a	=	49.6	µg/L	EPA 624.1	-88	-88			
2020/21-2	ME-CC	srgt environ, rec	1/31/2021	Organic	4-Bromofluorobenzene	n/a	=	99	%	EPA 624.1	-88	-88	88	108	
2020/21-2	ME-CC	srgt environ	1/31/2021	Organic	4-Bromofluorobenzene	n/a	=	48.1	µg/L	LUFT GC/MS	-88	-88			
2020/21-2	ME-CC	srgt environ, rec	1/31/2021	Organic	4-Bromofluorobenzene	n/a	=	96	%	LUFT GC/MS	-88	-88	83	110	
2020/21-2	ME-SCR	srgt environ	1/31/2021	Organic	4-Bromofluorobenzene	n/a	=	47.8	µg/L	EPA 624.1	-88	-88			
2020/21-2	ME-SCR	srgt environ, rec	1/31/2021	Organic	4-Bromofluorobenzene	n/a	=	96	%	EPA 624.1	-88	-88	88	108	
2020/21-2	ME-SCR	srgt environ	1/31/2021	Organic	4-Bromofluorobenzene	n/a	=	48.3	µg/L	LUFT GC/MS	-88	-88			
2020/21-2	ME-SCR	srgt environ, rec	1/31/2021	Organic	4-Bromofluorobenzene	n/a	=	97	%	LUFT GC/MS	-88	-88	83	110	
2020/21-2	ME-VR2	srgt environ	1/31/2021	Organic	4-Bromofluorobenzene	n/a	=	49.8	µg/L	EPA 624.1	-88	-88			
2020/21-2	ME-VR2	srgt environ, rec	1/31/2021	Organic	4-Bromofluorobenzene	n/a	=	100	%	EPA 624.1	-88	-88	88	108	
2020/21-2	ME-VR2	srgt environ	1/31/2021	Organic	4-Bromofluorobenzene	n/a	=	48.5	µg/L	LUFT GC/MS	-88	-88			
2020/21-2	ME-VR2	srgt environ, rec	1/31/2021	Organic	4-Bromofluorobenzene	n/a	=	97	%	LUFT GC/MS	-88	-88	83	110	
2020/21-2	MO-CAM	srgt environ	1/31/2021	Organic	4-Bromofluorobenzene	n/a	=	47.4	µg/L	EPA 624.1	-88	-88			
2020/21-2	MO-CAM	srgt environ, rec	1/31/2021	Organic	4-Bromofluorobenzene	n/a	=	95	%	EPA 624.1	-88	-88	88	108	
2020/21-2	MO-CAM	srgt environ	2/1/2021	Organic	4-Bromofluorobenzene	n/a	=	48.7	µg/L	LUFT GC/MS	-88	-88			
2020/21-2	MO-CAM	srgt environ, rec	2/1/2021	Organic	4-Bromofluorobenzene	n/a	=	97	%	LUFT GC/MS	-88	-88	83	110	
2020/21-2	MO-FIL	srgt environ	1/31/2021	Organic	4-Bromofluorobenzene	n/a	=	47.4	µg/L	EPA 624.1	-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	
2020/21-2	MO-FIL	srqt environ, rec	1/31/2021	Organic	4-Bromofluorobenzene	n/a	=	95	%	EPA 624.1	-88	-88	88	108	
2020/21-2	MO-FIL	srqt environ	2/1/2021	Organic	4-Bromofluorobenzene	n/a	=	47.7	µg/L	LUFT GC/MS	-88	-88			
2020/21-2	MO-FIL	srqt environ, rec	2/1/2021	Organic	4-Bromofluorobenzene	n/a	=	95	%	LUFT GC/MS	-88	-88	83	110	
2020/21-2	MO-HUE	srqt environ	1/31/2021	Organic	4-Bromofluorobenzene	n/a	=	47.8	µg/L	EPA 624.1	-88	-88			
2020/21-2	MO-HUE	srqt environ, rec	1/31/2021	Organic	4-Bromofluorobenzene	n/a	=	96	%	EPA 624.1	-88	-88	88	108	
2020/21-2	MO-HUE	srqt environ	2/1/2021	Organic	4-Bromofluorobenzene	n/a	=	48.9	µg/L	LUFT GC/MS	-88	-88			
2020/21-2	MO-HUE	srqt environ, rec	2/1/2021	Organic	4-Bromofluorobenzene	n/a	=	98	%	LUFT GC/MS	-88	-88	83	110	
2020/21-2	MO-MEI	srqt environ	1/31/2021	Organic	4-Bromofluorobenzene	n/a	=	48.5	µg/L	EPA 624.1	-88	-88			
2020/21-2	MO-MEI	srqt environ, rec	1/31/2021	Organic	4-Bromofluorobenzene	n/a	=	97	%	EPA 624.1	-88	-88	88	108	
2020/21-2	MO-MEI	srqt environ	2/1/2021	Organic	4-Bromofluorobenzene	n/a	=	48	µg/L	LUFT GC/MS	-88	-88			
2020/21-2	MO-MEI	srqt environ, rec	2/1/2021	Organic	4-Bromofluorobenzene	n/a	=	96	%	LUFT GC/MS	-88	-88	83	110	
2020/21-2	MO-MPK	srqt environ	1/31/2021	Organic	4-Bromofluorobenzene	n/a	=	47.9	µg/L	EPA 624.1	-88	-88			
2020/21-2	MO-MPK	srqt environ, rec	1/31/2021	Organic	4-Bromofluorobenzene	n/a	=	96	%	EPA 624.1	-88	-88	88	108	
2020/21-2	MO-MPK	srqt field blank	1/31/2021	Organic	4-Bromofluorobenzene	n/a	=	49	µg/L	EPA 624.1	-88	-88			
2020/21-2	MO-MPK	srqt field blank, rec	1/31/2021	Organic	4-Bromofluorobenzene	n/a	=	98	%	EPA 624.1	-88	-88	88	108	
2020/21-2	MO-MPK	srqt environ	2/1/2021	Organic	4-Bromofluorobenzene	n/a	=	49.1	µg/L	LUFT GC/MS	-88	-88			
2020/21-2	MO-MPK	srqt environ, rec	2/1/2021	Organic	4-Bromofluorobenzene	n/a	=	98	%	LUFT GC/MS	-88	-88	83	110	
2020/21-2	MO-MPK	srqt field blank	2/1/2021	Organic	4-Bromofluorobenzene	n/a	=	48.5	µg/L	LUFT GC/MS	-88	-88			
2020/21-2	MO-MPK	srqt field blank, rec	2/1/2021	Organic	4-Bromofluorobenzene	n/a	=	97	%	LUFT GC/MS	-88	-88	83	110	
2020/21-2	MO-OJA	srqt environ	1/31/2021	Organic	4-Bromofluorobenzene	n/a	=	47.9	µg/L	EPA 624.1	-88	-88			
2020/21-2	MO-OJA	srqt environ, rec	1/31/2021	Organic	4-Bromofluorobenzene	n/a	=	96	%	EPA 624.1	-88	-88	88	108	
2020/21-2	MO-OJA	srqt environ	2/1/2021	Organic	4-Bromofluorobenzene	n/a	=	47.8	µg/L	LUFT GC/MS	-88	-88			
2020/21-2	MO-OJA	srqt environ, rec	2/1/2021	Organic	4-Bromofluorobenzene	n/a	=	96	%	LUFT GC/MS	-88	-88	83	110	
2020/21-2	MO-OXN	srqt environ	1/31/2021	Organic	4-Bromofluorobenzene	n/a	=	48.5	µg/L	EPA 624.1	-88	-88			
2020/21-2	MO-OXN	srqt environ, rec	1/31/2021	Organic	4-Bromofluorobenzene	n/a	=	97	%	EPA 624.1	-88	-88	88	108	
2020/21-2	MO-OXN	srqt environ	2/1/2021	Organic	4-Bromofluorobenzene	n/a	=	48.9	µg/L	LUFT GC/MS	-88	-88			
2020/21-2	MO-OXN	srqt environ, rec	2/1/2021	Organic	4-Bromofluorobenzene	n/a	=	98	%	LUFT GC/MS	-88	-88	83	110	
2020/21-2	MO-SIM	srqt environ	1/31/2021	Organic	4-Bromofluorobenzene	n/a	=	47.9	µg/L	EPA 624.1	-88	-88			
2020/21-2	MO-SIM	srqt environ, rec	1/31/2021	Organic	4-Bromofluorobenzene	n/a	=	96	%	EPA 624.1	-88	-88	88	108	
2020/21-2	MO-SIM	srqt environ	2/1/2021	Organic	4-Bromofluorobenzene	n/a	=	47.8	µg/L	LUFT GC/MS	-88	-88			
2020/21-2	MO-SIM	srqt environ, rec	2/1/2021	Organic	4-Bromofluorobenzene	n/a	=	96	%	LUFT GC/MS	-88	-88	83	110	
2020/21-2	MO-SPA	srqt environ	1/31/2021	Organic	4-Bromofluorobenzene	n/a	=	47.8	µg/L	EPA 624.1	-88	-88			
2020/21-2	MO-SPA	srqt environ, rec	1/31/2021	Organic	4-Bromofluorobenzene	n/a	=	96	%	EPA 624.1	-88	-88	88	108	
2020/21-2	MO-SPA	srqt environ	2/1/2021	Organic	4-Bromofluorobenzene	n/a	=	47.9	µg/L	LUFT GC/MS	-88	-88			
2020/21-2	MO-SPA	srqt environ, rec	2/1/2021	Organic	4-Bromofluorobenzene	n/a	=	96	%	LUFT GC/MS	-88	-88	83	110	
2020/21-2	MO-THO	srqt field duplicate	1/31/2021	Organic	4-Bromofluorobenzene	n/a	=	48.5	µg/L	EPA 624.1	-88	-88			
2020/21-2	MO-THO	srqt field duplicate, rec	1/31/2021	Organic	4-Bromofluorobenzene	n/a	=	97	%	EPA 624.1	-88	-88	88	108	
2020/21-2	MO-THO	srqt environ	1/31/2021	Organic	4-Bromofluorobenzene	n/a	=	47.8	µg/L	EPA 624.1	-88	-88			
2020/21-2	MO-THO	srqt environ, rec	1/31/2021	Organic	4-Bromofluorobenzene	n/a	=	96	%	EPA 624.1	-88	-88	88	108	
2020/21-2	MO-THO	srqt field duplicate	2/1/2021	Organic	4-Bromofluorobenzene	n/a	=	47.1	µg/L	LUFT GC/MS	-88	-88			
2020/21-2	MO-THO	srqt field duplicate, rec	2/1/2021	Organic	4-Bromofluorobenzene	n/a	=	94	%	LUFT GC/MS	-88	-88	83	110	
2020/21-2	MO-THO	srqt environ	2/1/2021	Organic	4-Bromofluorobenzene	n/a	=	48.2	µg/L	LUFT GC/MS	-88	-88			
2020/21-2	MO-THO	srqt environ, rec	2/1/2021	Organic	4-Bromofluorobenzene	n/a	=	96	%	LUFT GC/MS	-88	-88	83	110	
2020/21-2	MO-VEN	srqt environ	1/31/2021	Organic	4-Bromofluorobenzene	n/a	=	48.8	µg/L	EPA 624.1	-88	-88			
2020/21-2	MO-VEN	srqt environ, rec	1/31/2021	Organic	4-Bromofluorobenzene	n/a	=	98	%	EPA 624.1	-88	-88	88	108	
2020/21-2	MO-VEN	srqt environ	2/1/2021	Organic	4-Bromofluorobenzene	n/a	=	48.7	µg/L	LUFT GC/MS	-88	-88			
2020/21-2	MO-VEN	srqt environ, rec	2/1/2021	Organic	4-Bromofluorobenzene	n/a	=	97	%	LUFT GC/MS	-88	-88	83	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	
2020/21-2	Lab	LCS	2/9/2021	Organic	4-Bromophenyl phenyl ether	n/a	=	8.95	µg/L	EPA 625.1	0.36	1			
2020/21-2	Lab	LCS, rec	2/9/2021	Organic	4-Bromophenyl phenyl ether	n/a	=	90	%	EPA 625.1	-88	-88	65	120	
2020/21-2	Lab	LCS dup	2/9/2021	Organic	4-Bromophenyl phenyl ether	n/a	=	10	µg/L	EPA 625.1	0.36	1			
2020/21-2	Lab	LCS dup, rec	2/9/2021	Organic	4-Bromophenyl phenyl ether	n/a	=	100	%	EPA 625.1	-88	-88	65	120	
2020/21-2	Lab	LCS, RPD	2/9/2021	Organic	4-Bromophenyl phenyl ether	n/a	=	11	%	EPA 625.1	-88	-88	0	30	
2020/21-2	Lab	method blank	2/9/2021	Organic	4-Bromophenyl phenyl ether	n/a	<	0.36	µg/L	EPA 625.1	0.36	1			
2020/21-2	Lab	LCS	2/9/2021	Organic	4-Chloro-3-methylphenol	n/a	=	8.62	µg/L	EPA 625.1	0.23	1			
2020/21-2	Lab	LCS, rec	2/9/2021	Organic	4-Chloro-3-methylphenol	n/a	=	86	%	EPA 625.1	-88	-88	41	128	
2020/21-2	Lab	LCS dup	2/9/2021	Organic	4-Chloro-3-methylphenol	n/a	=	10.1	µg/L	EPA 625.1	0.23	1			
2020/21-2	Lab	LCS dup, rec	2/9/2021	Organic	4-Chloro-3-methylphenol	n/a	=	101	%	EPA 625.1	-88	-88	41	128	
2020/21-2	Lab	LCS, RPD	2/9/2021	Organic	4-Chloro-3-methylphenol	n/a	=	16	%	EPA 625.1	-88	-88	0	30	
2020/21-2	Lab	method blank	2/9/2021	Organic	4-Chloro-3-methylphenol	n/a	<	0.23	µg/L	EPA 625.1	0.23	1			
2020/21-2	Lab	method blank	3/5/2021	Organic	4-Chloro-3-methylphenol	n/a	<	0.37	µg/L	EPA 8270C	0.37	1			
2020/21-2	Lab	LCS	3/5/2021	Organic	4-Chloro-3-methylphenol	n/a	=	7.24	µg/L	EPA 8270C	0.37	1			
2020/21-2	Lab	LCS, rec	3/5/2021	Organic	4-Chloro-3-methylphenol	n/a	=	72	%	EPA 8270C	-88	-88	29	108	
2020/21-2	Lab	LCS dup	3/5/2021	Organic	4-Chloro-3-methylphenol	n/a	=	8	µg/L	EPA 8270C	0.37	1			
2020/21-2	Lab	LCS dup, rec	3/5/2021	Organic	4-Chloro-3-methylphenol	n/a	=	80	%	EPA 8270C	-88	-88	29	108	
2020/21-2	Lab	LCS, RPD	3/5/2021	Organic	4-Chloro-3-methylphenol	n/a	=	10	%	EPA 8270C	-88	-88	0	30	
2020/21-2	Lab	LCS	2/9/2021	Organic	4-Chlorophenyl phenyl ether	n/a	=	8.21	µg/L	EPA 625.1	0.41	1			
2020/21-2	Lab	LCS, rec	2/9/2021	Organic	4-Chlorophenyl phenyl ether	n/a	=	82	%	EPA 625.1	-88	-88	38	145	
2020/21-2	Lab	LCS dup	2/9/2021	Organic	4-Chlorophenyl phenyl ether	n/a	=	9.31	µg/L	EPA 625.1	0.41	1			
2020/21-2	Lab	LCS dup, rec	2/9/2021	Organic	4-Chlorophenyl phenyl ether	n/a	=	93	%	EPA 625.1	-88	-88	38	145	
2020/21-2	Lab	LCS, RPD	2/9/2021	Organic	4-Chlorophenyl phenyl ether	n/a	=	13	%	EPA 625.1	-88	-88	0	30	
2020/21-2	Lab	method blank	2/9/2021	Organic	4-Chlorophenyl phenyl ether	n/a	<	0.41	µg/L	EPA 625.1	0.41	1			
2020/21-2	Lab	LCS	2/9/2021	Organic	4-Nitrophenol	n/a	DNQ	4.23	µg/L	EPA 625.1	1.2	5			
2020/21-2	Lab	LCS, rec	2/9/2021	Organic	4-Nitrophenol	n/a	=	42	%	EPA 625.1	-88	-88	13	129	
2020/21-2	Lab	LCS dup	2/9/2021	Organic	4-Nitrophenol	n/a	DNQ	4.67	µg/L	EPA 625.1	1.2	5			
2020/21-2	Lab	LCS dup, rec	2/9/2021	Organic	4-Nitrophenol	n/a	=	47	%	EPA 625.1	-88	-88	13	129	
2020/21-2	Lab	LCS, RPD	2/9/2021	Organic	4-Nitrophenol	n/a	=	10	%	EPA 625.1	-88	-88	0	30	
2020/21-2	Lab	method blank	2/9/2021	Organic	4-Nitrophenol	n/a	<	1.2	µg/L	EPA 625.1	1.2	5			
2020/21-2	Lab	method blank	3/5/2021	Organic	4-Nitrophenol	n/a	<	1	µg/L	EPA 8270C	1	2			
2020/21-2	Lab	LCS	3/5/2021	Organic	4-Nitrophenol	n/a	=	4.02	µg/L	EPA 8270C	1	2			
2020/21-2	Lab	LCS, rec	3/5/2021	Organic	4-Nitrophenol	n/a	=	40	%	EPA 8270C	-88	-88	6	46	
2020/21-2	Lab	LCS dup	3/5/2021	Organic	4-Nitrophenol	n/a	=	4.34	µg/L	EPA 8270C	1	2			
2020/21-2	Lab	LCS dup, rec	3/5/2021	Organic	4-Nitrophenol	n/a	=	43	%	EPA 8270C	-88	-88	6	46	
2020/21-2	Lab	LCS, RPD	3/5/2021	Organic	4-Nitrophenol	n/a	=	8	%	EPA 8270C	-88	-88	0	30	
2020/21-2	Lab	LCS	2/9/2021	Organic	Acenaphthene	n/a	=	7.9	µg/L	EPA 625.1	0.38	1			
2020/21-2	Lab	LCS, rec	2/9/2021	Organic	Acenaphthene	n/a	=	79	%	EPA 625.1	-88	-88	60	132	
2020/21-2	Lab	LCS dup	2/9/2021	Organic	Acenaphthene	n/a	=	9.09	µg/L	EPA 625.1	0.38	1			
2020/21-2	Lab	LCS dup, rec	2/9/2021	Organic	Acenaphthene	n/a	=	91	%	EPA 625.1	-88	-88	60	132	
2020/21-2	Lab	LCS, RPD	2/9/2021	Organic	Acenaphthene	n/a	=	14	%	EPA 625.1	-88	-88	0	30	
2020/21-2	Lab	method blank	2/9/2021	Organic	Acenaphthene	n/a	<	0.38	µg/L	EPA 625.1	0.38	1			
2020/21-2	Lab	method blank	2/27/2021	Organic	Acenaphthene	n/a	<	0.028	µg/L	EPA 8270C	0.028	0.1			
2020/21-2	Lab	LCS	2/27/2021	Organic	Acenaphthene	n/a	=	6.81	µg/L	EPA 8270C	0.028	0.1			
2020/21-2	Lab	LCS, rec	2/27/2021	Organic	Acenaphthene	n/a	=	68	%	EPA 8270C	-88	-88	11	122	
2020/21-2	Lab	LCS dup	2/27/2021	Organic	Acenaphthene	n/a	=	7.3	µg/L	EPA 8270C	0.028	0.1			
2020/21-2	Lab	LCS dup, rec	2/27/2021	Organic	Acenaphthene	n/a	=	73	%	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	
2020/21-2	Lab	LCS, RPD	2/27/2021	Organic	Acenaphthene	n/a	=	7	%	EPA 8270C	-88	-88	0	30	
2020/21-2	Lab	LCS	2/9/2021	Organic	Acenaphthylene	n/a	=	9.03	µg/L	EPA 625.1	0.17	1			
2020/21-2	Lab	LCS, rec	2/9/2021	Organic	Acenaphthylene	n/a	=	90	%	EPA 625.1	-88	-88	54	126	
2020/21-2	Lab	LCS dup	2/9/2021	Organic	Acenaphthylene	n/a	=	10.5	µg/L	EPA 625.1	0.17	1			
2020/21-2	Lab	LCS dup, rec	2/9/2021	Organic	Acenaphthylene	n/a	=	105	%	EPA 625.1	-88	-88	54	126	
2020/21-2	Lab	LCS, RPD	2/9/2021	Organic	Acenaphthylene	n/a	=	15	%	EPA 625.1	-88	-88	0	30	
2020/21-2	Lab	method blank	2/9/2021	Organic	Acenaphthylene	n/a	<	0.17	µg/L	EPA 625.1	0.17	1			
2020/21-2	Lab	method blank	2/27/2021	Organic	Acenaphthylene	n/a	<	0.033	µg/L	EPA 8270C	0.033	0.1			
2020/21-2	Lab	LCS	2/27/2021	Organic	Acenaphthylene	n/a	=	7.4	µg/L	EPA 8270C	0.033	0.1			
2020/21-2	Lab	LCS, rec	2/27/2021	Organic	Acenaphthylene	n/a	=	74	%	EPA 8270C	-88	-88	4	135	
2020/21-2	Lab	LCS dup	2/27/2021	Organic	Acenaphthylene	n/a	=	7.97	µg/L	EPA 8270C	0.033	0.1			
2020/21-2	Lab	LCS dup, rec	2/27/2021	Organic	Acenaphthylene	n/a	=	80	%	EPA 8270C	-88	-88	4	135	
2020/21-2	Lab	LCS, RPD	2/27/2021	Organic	Acenaphthylene	n/a	=	7	%	EPA 8270C	-88	-88	0	30	
2020/21-2	Lab	LCS	2/9/2021	Organic	Anthracene	n/a	=	8.86	µg/L	EPA 625.1	0.12	1			
2020/21-2	Lab	LCS, rec	2/9/2021	Organic	Anthracene	n/a	=	89	%	EPA 625.1	-88	-88	43	120	
2020/21-2	Lab	LCS dup	2/9/2021	Organic	Anthracene	n/a	=	9.58	µg/L	EPA 625.1	0.12	1			
2020/21-2	Lab	LCS dup, rec	2/9/2021	Organic	Anthracene	n/a	=	96	%	EPA 625.1	-88	-88	43	120	
2020/21-2	Lab	LCS, RPD	2/9/2021	Organic	Anthracene	n/a	=	8	%	EPA 625.1	-88	-88	0	30	
2020/21-2	Lab	method blank	2/9/2021	Organic	Anthracene	n/a	<	0.12	µg/L	EPA 625.1	0.12	1			
2020/21-2	Lab	method blank	2/27/2021	Organic	Anthracene	n/a	<	0.025	µg/L	EPA 8270C	0.025	0.1			
2020/21-2	Lab	LCS	2/27/2021	Organic	Anthracene	n/a	=	8.9	µg/L	EPA 8270C	0.025	0.1			
2020/21-2	Lab	LCS, rec	2/27/2021	Organic	Anthracene	n/a	=	89	%	EPA 8270C	-88	-88	22	127	
2020/21-2	Lab	LCS dup	2/27/2021	Organic	Anthracene	n/a	=	9.35	µg/L	EPA 8270C	0.025	0.1			
2020/21-2	Lab	LCS dup, rec	2/27/2021	Organic	Anthracene	n/a	=	93	%	EPA 8270C	-88	-88	22	127	
2020/21-2	Lab	LCS, RPD	2/27/2021	Organic	Anthracene	n/a	=	5	%	EPA 8270C	-88	-88	0	30	
2020/21-2	Lab	LCS	2/9/2021	Organic	Benz(a)anthracene	n/a	=	10.2	µg/L	EPA 625.1	0.19	1			
2020/21-2	Lab	LCS, rec	2/9/2021	Organic	Benz(a)anthracene	n/a	=	102	%	EPA 625.1	-88	-88	42	133	
2020/21-2	Lab	LCS dup	2/9/2021	Organic	Benz(a)anthracene	n/a	=	10.4	µg/L	EPA 625.1	0.19	1			
2020/21-2	Lab	LCS dup, rec	2/9/2021	Organic	Benz(a)anthracene	n/a	=	104	%	EPA 625.1	-88	-88	42	133	
2020/21-2	Lab	LCS, RPD	2/9/2021	Organic	Benz(a)anthracene	n/a	=	2	%	EPA 625.1	-88	-88	0	30	
2020/21-2	Lab	method blank	2/9/2021	Organic	Benz(a)anthracene	n/a	<	0.19	µg/L	EPA 625.1	0.19	1			
2020/21-2	Lab	method blank	2/27/2021	Organic	Benz(a)anthracene	n/a	<	0.051	µg/L	EPA 8270C	0.051	0.1			
2020/21-2	Lab	LCS	2/27/2021	Organic	Benz(a)anthracene	n/a	=	10.7	µg/L	EPA 8270C	0.051	0.1			
2020/21-2	Lab	LCS, rec	2/27/2021	Organic	Benz(a)anthracene	n/a	=	107	%	EPA 8270C	-88	-88	17	131	
2020/21-2	Lab	LCS dup	2/27/2021	Organic	Benz(a)anthracene	n/a	=	10.3	µg/L	EPA 8270C	0.051	0.1			
2020/21-2	Lab	LCS dup, rec	2/27/2021	Organic	Benz(a)anthracene	n/a	=	103	%	EPA 8270C	-88	-88	17	131	
2020/21-2	Lab	LCS, RPD	2/27/2021	Organic	Benz(a)anthracene	n/a	=	3	%	EPA 8270C	-88	-88	0	30	
2020/21-2	Lab	method blank	2/9/2021	Organic	Ben-zidine	n/a	<	1.4	µg/L	EPA 625.1	1.4	10			
2020/21-2	000NONPJ	matrix spike	2/12/2021	Organic	Benzo(a)pyrene	n/a	=	5.38	µg/L	EPA 525.2	0.02	0.1			
2020/21-2	000NONPJ	matrix spike, rec	2/12/2021	Organic	Benzo(a)pyrene	n/a	=	108	%	EPA 525.2	-88	-88	60	130	
2020/21-2	000NONPJ	matrix spike dup	2/12/2021	Organic	Benzo(a)pyrene	n/a	=	5.32	µg/L	EPA 525.2	0.02	0.1			
2020/21-2	000NONPJ	matrix spike dup, rec	2/12/2021	Organic	Benzo(a)pyrene	n/a	=	106	%	EPA 525.2	-88	-88	60	130	
2020/21-2	000NONPJ	matrix spike, RPD	2/12/2021	Organic	Benzo(a)pyrene	n/a	=	1	%	EPA 525.2	-88	-88	0	30	
2020/21-2	Lab	LCS	2/9/2021	Organic	Benzo(a)pyrene	n/a	=	11.7	µg/L	EPA 625.1	0.39	1			
2020/21-2	Lab	LCS, rec	2/9/2021	Organic	Benzo(a)pyrene	n/a	=	117	%	EPA 625.1	-88	-88	32	148	
2020/21-2	Lab	LCS dup	2/9/2021	Organic	Benzo(a)pyrene	n/a	=	11.2	µg/L	EPA 625.1	0.39	1			
2020/21-2	Lab	LCS dup, rec	2/9/2021	Organic	Benzo(a)pyrene	n/a	=	112	%	EPA 625.1	-88	-88	32	148	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2020/21-2	Lab	LCS, RPD	2/9/2021	Organic	Benzo(a)pyrene	n/a	=	4	%	EPA 625.1	-88	-88	0	30	
2020/21-2	Lab	method blank	2/9/2021	Organic	Benzo(a)pyrene	n/a	<	0.39	µg/L	EPA 625.1	0.39	1			
2020/21-2	Lab	method blank	2/11/2021	Organic	Benzo(a)pyrene	n/a	<	0.02	µg/L	EPA 525.2	0.02	0.1			
2020/21-2	Lab	LCS dup	2/11/2021	Organic	Benzo(a)pyrene	n/a	=	4.41	µg/L	EPA 525.2	0.02	0.1			
2020/21-2	Lab	LCS dup, rec	2/11/2021	Organic	Benzo(a)pyrene	n/a	=	88	%	EPA 525.2	-88	-88	60	130	
2020/21-2	Lab	LCS, RPD	2/11/2021	Organic	Benzo(a)pyrene	n/a	=	20	%	EPA 525.2	-88	-88	0	30	
2020/21-2	Lab	LCS	2/11/2021	Organic	Benzo(a)pyrene	n/a	=	5.4	µg/L	EPA 525.2	0.02	0.1			
2020/21-2	Lab	LCS, rec	2/11/2021	Organic	Benzo(a)pyrene	n/a	=	108	%	EPA 525.2	-88	-88	60	130	
2020/21-2	Lab	method blank	2/12/2021	Organic	Benzo(a)pyrene	n/a	<	0.02	µg/L	EPA 525.2	0.02	0.1			
2020/21-2	Lab	LCS	2/12/2021	Organic	Benzo(a)pyrene	n/a	=	5.37	µg/L	EPA 525.2	0.02	0.1			
2020/21-2	Lab	LCS, rec	2/12/2021	Organic	Benzo(a)pyrene	n/a	=	107	%	EPA 525.2	-88	-88	60	130	
2020/21-2	Lab	LCS dup	2/12/2021	Organic	Benzo(a)pyrene	n/a	=	5.73	µg/L	EPA 525.2	0.02	0.1			
2020/21-2	Lab	LCS dup, rec	2/12/2021	Organic	Benzo(a)pyrene	n/a	=	115	%	EPA 525.2	-88	-88	60	130	
2020/21-2	Lab	LCS, RPD	2/12/2021	Organic	Benzo(a)pyrene	n/a	=	6	%	EPA 525.2	-88	-88	0	30	
2020/21-2	Lab	method blank	2/16/2021	Organic	Benzo(a)pyrene	n/a	<	0.02	µg/L	EPA 525.2	0.02	0.1			
2020/21-2	Lab	LCS	2/16/2021	Organic	Benzo(a)pyrene	n/a	=	5.3	µg/L	EPA 525.2	0.02	0.1			
2020/21-2	Lab	LCS, rec	2/16/2021	Organic	Benzo(a)pyrene	n/a	=	106	%	EPA 525.2	-88	-88	60	130	
2020/21-2	Lab	LCS dup	2/16/2021	Organic	Benzo(a)pyrene	n/a	=	5.47	µg/L	EPA 525.2	0.02	0.1			
2020/21-2	Lab	LCS dup, rec	2/16/2021	Organic	Benzo(a)pyrene	n/a	=	109	%	EPA 525.2	-88	-88	60	130	
2020/21-2	Lab	LCS, RPD	2/16/2021	Organic	Benzo(a)pyrene	n/a	=	3	%	EPA 525.2	-88	-88	0	30	
2020/21-2	Lab	method blank	2/27/2021	Organic	Benzo(a)pyrene	n/a	<	0.051	µg/L	EPA 8270C	0.051	0.1			
2020/21-2	Lab	LCS	2/27/2021	Organic	Benzo(a)pyrene	n/a	=	11.3	µg/L	EPA 8270C	0.051	0.1			
2020/21-2	Lab	LCS, rec	2/27/2021	Organic	Benzo(a)pyrene	n/a	=	113	%	EPA 8270C	-88	-88	12	131	
2020/21-2	Lab	LCS dup	2/27/2021	Organic	Benzo(a)pyrene	n/a	=	11.3	µg/L	EPA 8270C	0.051	0.1			
2020/21-2	Lab	LCS dup, rec	2/27/2021	Organic	Benzo(a)pyrene	n/a	=	113	%	EPA 8270C	-88	-88	12	131	
2020/21-2	Lab	LCS, RPD	2/27/2021	Organic	Benzo(a)pyrene	n/a	=	0.5	%	EPA 8270C	-88	-88	0	30	
2020/21-2	Lab	LCS	2/9/2021	Organic	Benzo(b)fluoranthene	n/a	=	11.2	µg/L	EPA 625.1	0.46	1			
2020/21-2	Lab	LCS, rec	2/9/2021	Organic	Benzo(b)fluoranthene	n/a	=	112	%	EPA 625.1	-88	-88	42	140	
2020/21-2	Lab	LCS dup	2/9/2021	Organic	Benzo(b)fluoranthene	n/a	=	10.6	µg/L	EPA 625.1	0.46	1			
2020/21-2	Lab	LCS dup, rec	2/9/2021	Organic	Benzo(b)fluoranthene	n/a	=	106	%	EPA 625.1	-88	-88	42	140	
2020/21-2	Lab	LCS, RPD	2/9/2021	Organic	Benzo(b)fluoranthene	n/a	=	5	%	EPA 625.1	-88	-88	0	30	
2020/21-2	Lab	method blank	2/9/2021	Organic	Benzo(b)fluoranthene	n/a	<	0.46	µg/L	EPA 625.1	0.46	1			
2020/21-2	Lab	method blank	2/27/2021	Organic	Benzo(b)fluoranthene	n/a	<	0.027	µg/L	EPA 8270C	0.027	0.1			
2020/21-2	Lab	LCS	2/27/2021	Organic	Benzo(b)fluoranthene	n/a	=	11	µg/L	EPA 8270C	0.027	0.1			
2020/21-2	Lab	LCS, rec	2/27/2021	Organic	Benzo(b)fluoranthene	n/a	=	110	%	EPA 8270C	-88	-88	19	129	
2020/21-2	Lab	LCS dup	2/27/2021	Organic	Benzo(b)fluoranthene	n/a	=	10.8	µg/L	EPA 8270C	0.027	0.1			
2020/21-2	Lab	LCS dup, rec	2/27/2021	Organic	Benzo(b)fluoranthene	n/a	=	108	%	EPA 8270C	-88	-88	19	129	
2020/21-2	Lab	LCS, RPD	2/27/2021	Organic	Benzo(b)fluoranthene	n/a	=	2	%	EPA 8270C	-88	-88	0	30	
2020/21-2	Lab	LCS	2/9/2021	Organic	Benzo(g,h,i)perylene	n/a	=	11	µg/L	EPA 625.1	0.42	2			
2020/21-2	Lab	LCS, rec	2/9/2021	Organic	Benzo(g,h,i)perylene	n/a	=	110	%	EPA 625.1	-88	-88	0.1	195	
2020/21-2	Lab	LCS dup	2/9/2021	Organic	Benzo(g,h,i)perylene	n/a	=	10.8	µg/L	EPA 625.1	0.42	2			
2020/21-2	Lab	LCS dup, rec	2/9/2021	Organic	Benzo(g,h,i)perylene	n/a	=	108	%	EPA 625.1	-88	-88	0.1	195	
2020/21-2	Lab	LCS, RPD	2/9/2021	Organic	Benzo(g,h,i)perylene	n/a	=	2	%	EPA 625.1	-88	-88	0	30	
2020/21-2	Lab	method blank	2/9/2021	Organic	Benzo(g,h,i)perylene	n/a	<	0.42	µg/L	EPA 625.1	0.42	2			
2020/21-2	Lab	method blank	2/27/2021	Organic	Benzo(g,h,i)perylene	n/a	<	0.05	µg/L	EPA 8270C	0.05	0.1			
2020/21-2	Lab	LCS	2/27/2021	Organic	Benzo(g,h,i)perylene	n/a	=	7.7	µg/L	EPA 8270C	0.05	0.1			
2020/21-2	Lab	LCS, rec	2/27/2021	Organic	Benzo(g,h,i)perylene	n/a	=	77	%	EPA 8270C	-88	-88	14	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	
2020/21-2	Lab	LCS dup	2/27/2021	Organic	Benzo(g,h,i)perylene	n/a	=	8.18	µg/L	EPA 8270C	0.05	0.1			
2020/21-2	Lab	LCS dup, rec	2/27/2021	Organic	Benzo(g,h,i)perylene	n/a	=	82	%	EPA 8270C	-88	-88	14	139	
2020/21-2	Lab	LCS, RPD	2/27/2021	Organic	Benzo(g,h,i)perylene	n/a	=	6	%	EPA 8270C	-88	-88	0	30	
2020/21-2	Lab	LCS	2/9/2021	Organic	Benzo(k)fluoranthene	n/a	=	11.2	µg/L	EPA 625.1	0.22	1			
2020/21-2	Lab	LCS, rec	2/9/2021	Organic	Benzo(k)fluoranthene	n/a	=	112	%	EPA 625.1	-88	-88	25	146	
2020/21-2	Lab	LCS dup	2/9/2021	Organic	Benzo(k)fluoranthene	n/a	=	11.3	µg/L	EPA 625.1	0.22	1			
2020/21-2	Lab	LCS dup, rec	2/9/2021	Organic	Benzo(k)fluoranthene	n/a	=	113	%	EPA 625.1	-88	-88	25	146	
2020/21-2	Lab	LCS, RPD	2/9/2021	Organic	Benzo(k)fluoranthene	n/a	=	0.1	%	EPA 625.1	-88	-88	0	30	
2020/21-2	Lab	method blank	2/9/2021	Organic	Benzo(k)fluoranthene	n/a	<	0.22	µg/L	EPA 625.1	0.22	1			
2020/21-2	Lab	method blank	2/27/2021	Organic	Benzo(k)fluoranthene	n/a	<	0.026	µg/L	EPA 8270C	0.026	0.1			
2020/21-2	Lab	LCS	2/27/2021	Organic	Benzo(k)fluoranthene	n/a	=	10.9	µg/L	EPA 8270C	0.026	0.1			
2020/21-2	Lab	LCS, rec	2/27/2021	Organic	Benzo(k)fluoranthene	n/a	=	109	%	EPA 8270C	-88	-88	22	127	
2020/21-2	Lab	LCS dup	2/27/2021	Organic	Benzo(k)fluoranthene	n/a	=	10.6	µg/L	EPA 8270C	0.026	0.1			
2020/21-2	Lab	LCS dup, rec	2/27/2021	Organic	Benzo(k)fluoranthene	n/a	=	106	%	EPA 8270C	-88	-88	22	127	
2020/21-2	Lab	LCS, RPD	2/27/2021	Organic	Benzo(k)fluoranthene	n/a	=	3	%	EPA 8270C	-88	-88	0	30	
2020/21-2	Lab	LCS	2/9/2021	Organic	Bis(2-chloroethoxy)methane	n/a	=	7.77	µg/L	EPA 625.1	0.25	1			
2020/21-2	Lab	LCS, rec	2/9/2021	Organic	Bis(2-chloroethoxy)methane	n/a	=	78	%	EPA 625.1	-88	-88	49	165	
2020/21-2	Lab	LCS dup	2/9/2021	Organic	Bis(2-chloroethoxy)methane	n/a	=	8.82	µg/L	EPA 625.1	0.25	1			
2020/21-2	Lab	LCS dup, rec	2/9/2021	Organic	Bis(2-chloroethoxy)methane	n/a	=	88	%	EPA 625.1	-88	-88	49	165	
2020/21-2	Lab	LCS, RPD	2/9/2021	Organic	Bis(2-chloroethoxy)methane	n/a	=	13	%	EPA 625.1	-88	-88	0	30	
2020/21-2	Lab	method blank	2/9/2021	Organic	Bis(2-chloroethoxy)methane	n/a	<	0.25	µg/L	EPA 625.1	0.25	1			
2020/21-2	Lab	LCS	2/9/2021	Organic	Bis(2-chloroethyl)ether	n/a	=	6.65	µg/L	EPA 625.1	0.27	1			
2020/21-2	Lab	LCS, rec	2/9/2021	Organic	Bis(2-chloroethyl)ether	n/a	=	66	%	EPA 625.1	-88	-88	43	126	
2020/21-2	Lab	LCS dup	2/9/2021	Organic	Bis(2-chloroethyl)ether	n/a	=	7.39	µg/L	EPA 625.1	0.27	1			
2020/21-2	Lab	LCS dup, rec	2/9/2021	Organic	Bis(2-chloroethyl)ether	n/a	=	74	%	EPA 625.1	-88	-88	43	126	
2020/21-2	Lab	LCS, RPD	2/9/2021	Organic	Bis(2-chloroethyl)ether	n/a	=	11	%	EPA 625.1	-88	-88	0	30	
2020/21-2	Lab	method blank	2/9/2021	Organic	Bis(2-chloroethyl)ether	n/a	<	0.27	µg/L	EPA 625.1	0.27	1			
2020/21-2	Lab	LCS	2/9/2021	Organic	Bis(2-chloroisopropyl)ether	n/a	=	6.78	µg/L	EPA 625.1	0.38	1			
2020/21-2	Lab	LCS, rec	2/9/2021	Organic	Bis(2-chloroisopropyl)ether	n/a	=	68	%	EPA 625.1	-88	-88	63	139	
2020/21-2	Lab	LCS dup	2/9/2021	Organic	Bis(2-chloroisopropyl)ether	n/a	=	7.64	µg/L	EPA 625.1	0.38	1			
2020/21-2	Lab	LCS dup, rec	2/9/2021	Organic	Bis(2-chloroisopropyl)ether	n/a	=	76	%	EPA 625.1	-88	-88	63	139	
2020/21-2	Lab	LCS, RPD	2/9/2021	Organic	Bis(2-chloroisopropyl)ether	n/a	=	12	%	EPA 625.1	-88	-88	0	30	
2020/21-2	Lab	method blank	2/9/2021	Organic	Bis(2-chloroisopropyl)ether	n/a	<	0.38	µg/L	EPA 625.1	0.38	1			
2020/21-2	000NONPJ	matrix spike	2/12/2021	Organic	Bis(2-ethylhexyl)adipate	n/a	=	5.77	µg/L	EPA 525.2	0.12	5			
2020/21-2	000NONPJ	matrix spike, rec	2/12/2021	Organic	Bis(2-ethylhexyl)adipate	n/a	=	115	%	EPA 525.2	-88	-88	70	130	
2020/21-2	000NONPJ	matrix spike dup	2/12/2021	Organic	Bis(2-ethylhexyl)adipate	n/a	=	5.69	µg/L	EPA 525.2	0.12	5			
2020/21-2	000NONPJ	matrix spike dup, rec	2/12/2021	Organic	Bis(2-ethylhexyl)adipate	n/a	=	114	%	EPA 525.2	-88	-88	70	130	
2020/21-2	000NONPJ	matrix spike, RPD	2/12/2021	Organic	Bis(2-ethylhexyl)adipate	n/a	=	1	%	EPA 525.2	-88	-88	0	30	
2020/21-2	Lab	method blank	2/11/2021	Organic	Bis(2-ethylhexyl)adipate	n/a	<	0.12	µg/L	EPA 525.2	0.12	5			
2020/21-2	Lab	LCS dup	2/11/2021	Organic	Bis(2-ethylhexyl)adipate	n/a	=	5.67	µg/L	EPA 525.2	0.12	5			
2020/21-2	Lab	LCS dup, rec	2/11/2021	Organic	Bis(2-ethylhexyl)adipate	n/a	=	113	%	EPA 525.2	-88	-88	70	130	
2020/21-2	Lab	LCS, RPD	2/11/2021	Organic	Bis(2-ethylhexyl)adipate	n/a	=	3	%	EPA 525.2	-88	-88	0	30	
2020/21-2	Lab	LCS	2/11/2021	Organic	Bis(2-ethylhexyl)adipate	n/a	=	5.87	µg/L	EPA 525.2	0.12	5			
2020/21-2	Lab	LCS, rec	2/11/2021	Organic	Bis(2-ethylhexyl)adipate	n/a	=	117	%	EPA 525.2	-88	-88	70	130	
2020/21-2	Lab	method blank	2/12/2021	Organic	Bis(2-ethylhexyl)adipate	n/a	<	0.12	µg/L	EPA 525.2	0.12	5			
2020/21-2	Lab	LCS	2/12/2021	Organic	Bis(2-ethylhexyl)adipate	n/a	=	5.53	µg/L	EPA 525.2	0.12	5			
2020/21-2	Lab	LCS, rec	2/12/2021	Organic	Bis(2-ethylhexyl)adipate	n/a	=	111	%	EPA 525.2	-88	-88	70	130	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2020/21-2	Lab	LCS dup	2/12/2021	Organic	Bis(2-ethylhexyl)adipate	n/a	=	5.97	µg/L	EPA 525.2	0.12	5			
2020/21-2	Lab	LCS dup, rec	2/12/2021	Organic	Bis(2-ethylhexyl)adipate	n/a	=	119	%	EPA 525.2	-88	-88	70	130	
2020/21-2	Lab	LCS, RPD	2/12/2021	Organic	Bis(2-ethylhexyl)adipate	n/a	=	8	%	EPA 525.2	-88	-88	0	30	
2020/21-2	Lab	method blank	2/16/2021	Organic	Bis(2-ethylhexyl)adipate	n/a	<	0.12	µg/L	EPA 525.2	0.12	5			
2020/21-2	Lab	LCS	2/16/2021	Organic	Bis(2-ethylhexyl)adipate	n/a	=	5.68	µg/L	EPA 525.2	0.12	5			
2020/21-2	Lab	LCS, rec	2/16/2021	Organic	Bis(2-ethylhexyl)adipate	n/a	=	114	%	EPA 525.2	-88	-88	70	130	
2020/21-2	Lab	LCS dup	2/16/2021	Organic	Bis(2-ethylhexyl)adipate	n/a	=	6.11	µg/L	EPA 525.2	0.12	5			
2020/21-2	Lab	LCS dup, rec	2/16/2021	Organic	Bis(2-ethylhexyl)adipate	n/a	=	122	%	EPA 525.2	-88	-88	70	130	
2020/21-2	Lab	LCS, RPD	2/16/2021	Organic	Bis(2-ethylhexyl)adipate	n/a	=	7	%	EPA 525.2	-88	-88	0	30	
2020/21-2	000NONPJ	matrix spike	2/12/2021	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	5.99	µg/L	EPA 525.2	0.41	3			
2020/21-2	000NONPJ	matrix spike, rec	2/12/2021	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	120	%	EPA 525.2	-88	-88	70	130	
2020/21-2	000NONPJ	matrix spike dup	2/12/2021	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	5.85	µg/L	EPA 525.2	0.41	3			
2020/21-2	000NONPJ	matrix spike dup, rec	2/12/2021	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	117	%	EPA 525.2	-88	-88	70	130	
2020/21-2	000NONPJ	matrix spike, RPD	2/12/2021	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	2	%	EPA 525.2	-88	-88	0	30	
2020/21-2	Lab	LCS	2/9/2021	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	12.2	µg/L	EPA 625.1	2.3	5			
2020/21-2	Lab	LCS, rec	2/9/2021	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	122	%	EPA 625.1	-88	-88	29	137	
2020/21-2	Lab	LCS dup	2/9/2021	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	12.3	µg/L	EPA 625.1	2.3	5			
2020/21-2	Lab	LCS dup, rec	2/9/2021	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	123	%	EPA 625.1	-88	-88	29	137	
2020/21-2	Lab	LCS, RPD	2/9/2021	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	0.7	%	EPA 625.1	-88	-88	0	30	
2020/21-2	Lab	method blank	2/9/2021	Organic	Bis(2-ethylhexyl)phthalate	n/a	DNQ	4.11	µg/L	EPA 625.1	2.3	5			IP
2020/21-2	Lab	method blank	2/11/2021	Organic	Bis(2-ethylhexyl)phthalate	n/a	<	0.41	µg/L	EPA 525.2	0.41	3			
2020/21-2	Lab	LCS dup	2/11/2021	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	5.75	µg/L	EPA 525.2	0.41	3			
2020/21-2	Lab	LCS dup, rec	2/11/2021	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	115	%	EPA 525.2	-88	-88	70	130	
2020/21-2	Lab	LCS, RPD	2/11/2021	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	5	%	EPA 525.2	-88	-88	0	30	
2020/21-2	Lab	LCS	2/11/2021	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	6.04	µg/L	EPA 525.2	0.41	3			
2020/21-2	Lab	LCS, rec	2/11/2021	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	121	%	EPA 525.2	-88	-88	70	130	
2020/21-2	Lab	method blank	2/12/2021	Organic	Bis(2-ethylhexyl)phthalate	n/a	<	0.41	µg/L	EPA 525.2	0.41	3			
2020/21-2	Lab	LCS	2/12/2021	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	5.76	µg/L	EPA 525.2	0.41	3			
2020/21-2	Lab	LCS, rec	2/12/2021	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	115	%	EPA 525.2	-88	-88	70	130	
2020/21-2	Lab	LCS dup	2/12/2021	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	6.25	µg/L	EPA 525.2	0.41	3			
2020/21-2	Lab	LCS dup, rec	2/12/2021	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	125	%	EPA 525.2	-88	-88	70	130	
2020/21-2	Lab	LCS, RPD	2/12/2021	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	8	%	EPA 525.2	-88	-88	0	30	
2020/21-2	Lab	method blank	2/16/2021	Organic	Bis(2-ethylhexyl)phthalate	n/a	<	0.41	µg/L	EPA 525.2	0.41	3			
2020/21-2	Lab	LCS	2/16/2021	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	5.88	µg/L	EPA 525.2	0.41	3			
2020/21-2	Lab	LCS, rec	2/16/2021	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	118	%	EPA 525.2	-88	-88	70	130	
2020/21-2	Lab	LCS dup	2/16/2021	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	6.37	µg/L	EPA 525.2	0.41	3			
2020/21-2	Lab	LCS dup, rec	2/16/2021	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	127	%	EPA 525.2	-88	-88	70	130	
2020/21-2	Lab	LCS, RPD	2/16/2021	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	8	%	EPA 525.2	-88	-88	0	30	
2020/21-2	Lab	LCS	2/9/2021	Organic	Butyl benzyl phthalate	n/a	=	11.6	µg/L	EPA 625.1	0.18	1			
2020/21-2	Lab	LCS, rec	2/9/2021	Organic	Butyl benzyl phthalate	n/a	=	116	%	EPA 625.1	-88	-88	0.1	140	
2020/21-2	Lab	LCS dup	2/9/2021	Organic	Butyl benzyl phthalate	n/a	=	11.9	µg/L	EPA 625.1	0.18	1			
2020/21-2	Lab	LCS dup, rec	2/9/2021	Organic	Butyl benzyl phthalate	n/a	=	119	%	EPA 625.1	-88	-88	0.1	140	
2020/21-2	Lab	LCS, RPD	2/9/2021	Organic	Butyl benzyl phthalate	n/a	=	2	%	EPA 625.1	-88	-88	0	30	
2020/21-2	Lab	method blank	2/9/2021	Organic	Butyl benzyl phthalate	n/a	<	0.18	µg/L	EPA 625.1	0.18	1			
2020/21-2	Lab	LCS	2/9/2021	Organic	Chrysene	n/a	=	10.2	µg/L	EPA 625.1	0.19	1			
2020/21-2	Lab	LCS, rec	2/9/2021	Organic	Chrysene	n/a	=	102	%	EPA 625.1	-88	-88	44	140	
2020/21-2	Lab	LCS dup	2/9/2021	Organic	Chrysene	n/a	=	10.1	µg/L	EPA 625.1	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	
2020/21-2	Lab	LCS dup. rec	2/9/2021	Organic	Chrysene	n/a	=	101	%	EPA 625.1	-88	-88	44	140	
2020/21-2	Lab	LCS, RPD	2/9/2021	Organic	Chrysene	n/a	=	0.8	%	EPA 625.1	-88	-88	0	30	
2020/21-2	Lab	method blank	2/9/2021	Organic	Chrysene	n/a	<	0.19	µg/L	EPA 625.1	0.19	1			
2020/21-2	Lab	method blank	2/27/2021	Organic	Chrysene	n/a	<	0.032	µg/L	EPA 8270C	0.032	0.1			
2020/21-2	Lab	LCS	2/27/2021	Organic	Chrysene	n/a	=	9.35	µg/L	EPA 8270C	0.032	0.1			
2020/21-2	Lab	LCS, rec	2/27/2021	Organic	Chrysene	n/a	=	94	%	EPA 8270C	-88	-88	32	126	
2020/21-2	Lab	LCS dup	2/27/2021	Organic	Chrysene	n/a	=	8.86	µg/L	EPA 8270C	0.032	0.1			
2020/21-2	Lab	LCS dup. rec	2/27/2021	Organic	Chrysene	n/a	=	89	%	EPA 8270C	-88	-88	32	126	
2020/21-2	Lab	LCS, RPD	2/27/2021	Organic	Chrysene	n/a	=	5	%	EPA 8270C	-88	-88	0	30	
2020/21-2	Lab	LCS	2/9/2021	Organic	Dibenz(a,h)anthracene	n/a	=	9.55	µg/L	EPA 625.1	0.53	2			
2020/21-2	Lab	LCS, rec	2/9/2021	Organic	Dibenz(a,h)anthracene	n/a	=	95	%	EPA 625.1	-88	-88	0.1	200	
2020/21-2	Lab	LCS dup	2/9/2021	Organic	Dibenz(a,h)anthracene	n/a	=	9.3	µg/L	EPA 625.1	0.53	2			
2020/21-2	Lab	LCS dup. rec	2/9/2021	Organic	Dibenz(a,h)anthracene	n/a	=	93	%	EPA 625.1	-88	-88	0.1	200	
2020/21-2	Lab	LCS, RPD	2/9/2021	Organic	Dibenz(a,h)anthracene	n/a	=	3	%	EPA 625.1	-88	-88	0	30	
2020/21-2	Lab	method blank	2/9/2021	Organic	Dibenz(a,h)anthracene	n/a	<	0.53	µg/L	EPA 625.1	0.53	2			
2020/21-2	Lab	method blank	2/27/2021	Organic	Dibenz(a,h)anthracene	n/a	<	0.096	µg/L	EPA 8270C	0.096	0.1			
2020/21-2	Lab	LCS	2/27/2021	Organic	Dibenz(a,h)anthracene	n/a	=	7.7	µg/L	EPA 8270C	0.096	0.1			
2020/21-2	Lab	LCS, rec	2/27/2021	Organic	Dibenz(a,h)anthracene	n/a	=	77	%	EPA 8270C	-88	-88	9	147	
2020/21-2	Lab	LCS dup	2/27/2021	Organic	Dibenz(a,h)anthracene	n/a	=	8.01	µg/L	EPA 8270C	0.096	0.1			
2020/21-2	Lab	LCS dup. rec	2/27/2021	Organic	Dibenz(a,h)anthracene	n/a	=	80	%	EPA 8270C	-88	-88	9	147	
2020/21-2	Lab	LCS, RPD	2/27/2021	Organic	Dibenz(a,h)anthracene	n/a	=	4	%	EPA 8270C	-88	-88	0	30	
2020/21-2	Lab	LCS	2/9/2021	Organic	Diethyl phthalate	n/a	=	9.42	µg/L	EPA 625.1	0.15	1			
2020/21-2	Lab	LCS, rec	2/9/2021	Organic	Diethyl phthalate	n/a	=	94	%	EPA 625.1	-88	-88	0.1	120	
2020/21-2	Lab	LCS dup	2/9/2021	Organic	Diethyl phthalate	n/a	=	10.5	µg/L	EPA 625.1	0.15	1			
2020/21-2	Lab	LCS dup. rec	2/9/2021	Organic	Diethyl phthalate	n/a	=	105	%	EPA 625.1	-88	-88	0.1	120	
2020/21-2	Lab	LCS, RPD	2/9/2021	Organic	Diethyl phthalate	n/a	=	11	%	EPA 625.1	-88	-88	0	30	
2020/21-2	Lab	method blank	2/9/2021	Organic	Diethyl phthalate	n/a	<	0.15	µg/L	EPA 625.1	0.15	1			
2020/21-2	Lab	LCS	2/9/2021	Organic	Dimethyl phthalate	n/a	=	8.83	µg/L	EPA 625.1	0.18	1			
2020/21-2	Lab	LCS, rec	2/9/2021	Organic	Dimethyl phthalate	n/a	=	88	%	EPA 625.1	-88	-88	0.1	120	
2020/21-2	Lab	LCS dup	2/9/2021	Organic	Dimethyl phthalate	n/a	=	10.3	µg/L	EPA 625.1	0.18	1			
2020/21-2	Lab	LCS dup. rec	2/9/2021	Organic	Dimethyl phthalate	n/a	=	103	%	EPA 625.1	-88	-88	0.1	120	
2020/21-2	Lab	LCS, RPD	2/9/2021	Organic	Dimethyl phthalate	n/a	=	15	%	EPA 625.1	-88	-88	0	30	
2020/21-2	Lab	method blank	2/9/2021	Organic	Dimethyl phthalate	n/a	<	0.18	µg/L	EPA 625.1	0.18	1			
2020/21-2	Lab	LCS	2/9/2021	Organic	Di-n-butylphthalate	n/a	=	12.2	µg/L	EPA 625.1	0.1	1			EUM
2020/21-2	Lab	LCS, rec	2/9/2021	Organic	Di-n-butylphthalate	n/a	=	122	%	EPA 625.1	-88	-88	8	120	EUM
2020/21-2	Lab	LCS dup	2/9/2021	Organic	Di-n-butylphthalate	n/a	=	12.5	µg/L	EPA 625.1	0.1	1			EUM
2020/21-2	Lab	LCS dup. rec	2/9/2021	Organic	Di-n-butylphthalate	n/a	=	125	%	EPA 625.1	-88	-88	8	120	EUM
2020/21-2	Lab	LCS, RPD	2/9/2021	Organic	Di-n-butylphthalate	n/a	=	2	%	EPA 625.1	-88	-88	0	30	EUM
2020/21-2	Lab	method blank	2/9/2021	Organic	Di-n-butylphthalate	n/a	<	0.1	µg/L	EPA 625.1	0.1	1			
2020/21-2	Lab	LCS	2/9/2021	Organic	Di-n-octylphthalate	n/a	=	11	µg/L	EPA 625.1	0.46	1			
2020/21-2	Lab	LCS, rec	2/9/2021	Organic	Di-n-octylphthalate	n/a	=	110	%	EPA 625.1	-88	-88	19	132	
2020/21-2	Lab	LCS dup	2/9/2021	Organic	Di-n-octylphthalate	n/a	=	11.1	µg/L	EPA 625.1	0.46	1			
2020/21-2	Lab	LCS dup. rec	2/9/2021	Organic	Di-n-octylphthalate	n/a	=	111	%	EPA 625.1	-88	-88	19	132	
2020/21-2	Lab	LCS, RPD	2/9/2021	Organic	Di-n-octylphthalate	n/a	=	0.9	%	EPA 625.1	-88	-88	0	30	
2020/21-2	Lab	method blank	2/9/2021	Organic	Di-n-octylphthalate	n/a	<	0.46	µg/L	EPA 625.1	0.46	1			
2020/21-2	Lab	LCS	2/9/2021	Organic	Fluoranthene	n/a	=	10.2	µg/L	EPA 625.1	0.08	1			
2020/21-2	Lab	LCS, rec	2/9/2021	Organic	Fluoranthene	n/a	=	102	%	EPA 625.1	-88	-88	43	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	
2020/21-2	Lab	LCS dup	2/9/2021	Organic	Fluoranthene	n/a	=	10.6	µg/L	EPA 625.1	0.08	1			
2020/21-2	Lab	LCS dup, rec	2/9/2021	Organic	Fluoranthene	n/a	=	106	%	EPA 625.1	-88	-88	43	121	
2020/21-2	Lab	LCS, RPD	2/9/2021	Organic	Fluoranthene	n/a	=	3	%	EPA 625.1	-88	-88	0	30	
2020/21-2	Lab	method blank	2/9/2021	Organic	Fluoranthene	n/a	<	0.08	µg/L	EPA 625.1	0.08	1			
2020/21-2	Lab	method blank	2/27/2021	Organic	Fluoranthene	n/a	<	0.039	µg/L	EPA 8270C	0.039	0.1			
2020/21-2	Lab	LCS	2/27/2021	Organic	Fluoranthene	n/a	=	10.3	µg/L	EPA 8270C	0.039	0.1			
2020/21-2	Lab	LCS, rec	2/27/2021	Organic	Fluoranthene	n/a	=	103	%	EPA 8270C	-88	-88	22	131	
2020/21-2	Lab	LCS dup	2/27/2021	Organic	Fluoranthene	n/a	=	10.1	µg/L	EPA 8270C	0.039	0.1			
2020/21-2	Lab	LCS dup, rec	2/27/2021	Organic	Fluoranthene	n/a	=	101	%	EPA 8270C	-88	-88	22	131	
2020/21-2	Lab	LCS, RPD	2/27/2021	Organic	Fluoranthene	n/a	=	1	%	EPA 8270C	-88	-88	0	30	
2020/21-2	Lab	LCS	2/9/2021	Organic	Fluorene	n/a	=	8.68	µg/L	EPA 625.1	0.35	1			
2020/21-2	Lab	LCS, rec	2/9/2021	Organic	Fluorene	n/a	=	87	%	EPA 625.1	-88	-88	70	120	
2020/21-2	Lab	LCS dup	2/9/2021	Organic	Fluorene	n/a	=	9.91	µg/L	EPA 625.1	0.35	1			
2020/21-2	Lab	LCS dup, rec	2/9/2021	Organic	Fluorene	n/a	=	99	%	EPA 625.1	-88	-88	70	120	
2020/21-2	Lab	LCS, RPD	2/9/2021	Organic	Fluorene	n/a	=	13	%	EPA 625.1	-88	-88	0	30	
2020/21-2	Lab	method blank	2/9/2021	Organic	Fluorene	n/a	<	0.35	µg/L	EPA 625.1	0.35	1			
2020/21-2	Lab	method blank	2/27/2021	Organic	Fluorene	n/a	<	0.029	µg/L	EPA 8270C	0.029	0.1			
2020/21-2	Lab	LCS	2/27/2021	Organic	Fluorene	n/a	=	7.91	µg/L	EPA 8270C	0.029	0.1			
2020/21-2	Lab	LCS, rec	2/27/2021	Organic	Fluorene	n/a	=	79	%	EPA 8270C	-88	-88	19	122	
2020/21-2	Lab	LCS dup	2/27/2021	Organic	Fluorene	n/a	=	8.46	µg/L	EPA 8270C	0.029	0.1			
2020/21-2	Lab	LCS dup, rec	2/27/2021	Organic	Fluorene	n/a	=	85	%	EPA 8270C	-88	-88	19	122	
2020/21-2	Lab	LCS, RPD	2/27/2021	Organic	Fluorene	n/a	=	7	%	EPA 8270C	-88	-88	0	30	
2020/21-2	Lab	LCS	2/9/2021	Organic	Hexachlorobenzene	n/a	=	8	µg/L	EPA 625.1	0.49	1			
2020/21-2	Lab	LCS, rec	2/9/2021	Organic	Hexachlorobenzene	n/a	=	80	%	EPA 625.1	-88	-88	8	142	
2020/21-2	Lab	LCS dup	2/9/2021	Organic	Hexachlorobenzene	n/a	=	8.72	µg/L	EPA 625.1	0.49	1			
2020/21-2	Lab	LCS dup, rec	2/9/2021	Organic	Hexachlorobenzene	n/a	=	87	%	EPA 625.1	-88	-88	8	142	
2020/21-2	Lab	LCS, RPD	2/9/2021	Organic	Hexachlorobenzene	n/a	=	9	%	EPA 625.1	-88	-88	0	30	
2020/21-2	Lab	method blank	2/9/2021	Organic	Hexachlorobenzene	n/a	<	0.49	µg/L	EPA 625.1	0.49	1			
2020/21-2	Lab	LCS	2/9/2021	Organic	Hexachlorobutadiene	n/a	=	8.15	µg/L	EPA 625.1	0.47	1			
2020/21-2	Lab	LCS, rec	2/9/2021	Organic	Hexachlorobutadiene	n/a	=	82	%	EPA 625.1	-88	-88	38	120	
2020/21-2	Lab	LCS dup	2/9/2021	Organic	Hexachlorobutadiene	n/a	=	9.27	µg/L	EPA 625.1	0.47	1			
2020/21-2	Lab	LCS dup, rec	2/9/2021	Organic	Hexachlorobutadiene	n/a	=	93	%	EPA 625.1	-88	-88	38	120	
2020/21-2	Lab	LCS, RPD	2/9/2021	Organic	Hexachlorobutadiene	n/a	=	13	%	EPA 625.1	-88	-88	0	30	
2020/21-2	Lab	method blank	2/9/2021	Organic	Hexachlorobutadiene	n/a	<	0.47	µg/L	EPA 625.1	0.47	1			
2020/21-2	Lab	LCS	2/9/2021	Organic	Hexachlorocyclopentadiene	n/a	=	5.21	µg/L	EPA 625.1	0.98	5			
2020/21-2	Lab	LCS, rec	2/9/2021	Organic	Hexachlorocyclopentadiene	n/a	=	52	%	EPA 625.1	-88	-88	10	120	
2020/21-2	Lab	LCS dup	2/9/2021	Organic	Hexachlorocyclopentadiene	n/a	=	6.16	µg/L	EPA 625.1	0.98	5			
2020/21-2	Lab	LCS dup, rec	2/9/2021	Organic	Hexachlorocyclopentadiene	n/a	=	62	%	EPA 625.1	-88	-88	10	120	
2020/21-2	Lab	LCS, RPD	2/9/2021	Organic	Hexachlorocyclopentadiene	n/a	=	17	%	EPA 625.1	-88	-88	0	30	
2020/21-2	Lab	method blank	2/9/2021	Organic	Hexachlorocyclopentadiene	n/a	<	0.98	µg/L	EPA 625.1	0.98	5			
2020/21-2	Lab	LCS	2/9/2021	Organic	Hexachloroethane	n/a	=	7.74	µg/L	EPA 625.1	0.5	1			
2020/21-2	Lab	LCS, rec	2/9/2021	Organic	Hexachloroethane	n/a	=	77	%	EPA 625.1	-88	-88	55	120	
2020/21-2	Lab	LCS dup	2/9/2021	Organic	Hexachloroethane	n/a	=	8.44	µg/L	EPA 625.1	0.5	1			
2020/21-2	Lab	LCS dup, rec	2/9/2021	Organic	Hexachloroethane	n/a	=	84	%	EPA 625.1	-88	-88	55	120	
2020/21-2	Lab	LCS, RPD	2/9/2021	Organic	Hexachloroethane	n/a	=	9	%	EPA 625.1	-88	-88	0	30	
2020/21-2	Lab	method blank	2/9/2021	Organic	Hexachloroethane	n/a	<	0.5	µg/L	EPA 625.1	0.5	1			
2020/21-2	Lab	LCS	2/9/2021	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	11.2	µg/L	EPA 625.1	0.55	2			

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2020/21-2	Lab	LCS, rec	2/9/2021	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	112	%	EPA 625.1	-88	-88	0.1	151	
2020/21-2	Lab	LCS dup	2/9/2021	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	11.3	µg/L	EPA 625.1	0.55	2			
2020/21-2	Lab	LCS dup, rec	2/9/2021	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	113	%	EPA 625.1	-88	-88	0.1	151	
2020/21-2	Lab	LCS, RPD	2/9/2021	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	0.3	%	EPA 625.1	-88	-88	0	30	
2020/21-2	Lab	method blank	2/9/2021	Organic	Indeno(1,2,3-cd)pyrene	n/a	<	0.55	µg/L	EPA 625.1	0.55	2			
2020/21-2	Lab	method blank	2/27/2021	Organic	Indeno(1,2,3-cd)pyrene	n/a	<	0.065	µg/L	EPA 8270C	0.065	0.1			
2020/21-2	Lab	LCS	2/27/2021	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	7.29	µg/L	EPA 8270C	0.065	0.1			
2020/21-2	Lab	LCS, rec	2/27/2021	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	73	%	EPA 8270C	-88	-88	12	136	
2020/21-2	Lab	LCS dup	2/27/2021	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	7.68	µg/L	EPA 8270C	0.065	0.1			
2020/21-2	Lab	LCS dup, rec	2/27/2021	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	77	%	EPA 8270C	-88	-88	12	136	
2020/21-2	Lab	LCS, RPD	2/27/2021	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	5	%	EPA 8270C	-88	-88	0	30	
2020/21-2	Lab	LCS	2/9/2021	Organic	Isophorone	n/a	=	7.66	µg/L	EPA 625.1	0.21	1			
2020/21-2	Lab	LCS, rec	2/9/2021	Organic	Isophorone	n/a	=	77	%	EPA 625.1	-88	-88	47	180	
2020/21-2	Lab	LCS dup	2/9/2021	Organic	Isophorone	n/a	=	8.76	µg/L	EPA 625.1	0.21	1			
2020/21-2	Lab	LCS dup, rec	2/9/2021	Organic	Isophorone	n/a	=	88	%	EPA 625.1	-88	-88	47	180	
2020/21-2	Lab	LCS, RPD	2/9/2021	Organic	Isophorone	n/a	=	13	%	EPA 625.1	-88	-88	0	30	
2020/21-2	Lab	method blank	2/9/2021	Organic	Isophorone	n/a	<	0.21	µg/L	EPA 625.1	0.21	1			
2020/21-2	Lab	LCS	1/31/2021	Organic	Methyl tert-butyl ether (MTBE)	n/a	=	200	µg/L	EPA 624.1	0.4	1			
2020/21-2	Lab	LCS, rec	1/31/2021	Organic	Methyl tert-butyl ether (MTBE)	n/a	=	100	%	EPA 624.1	-88	-88	80	128	
2020/21-2	Lab	LCS dup	1/31/2021	Organic	Methyl tert-butyl ether (MTBE)	n/a	=	223	µg/L	EPA 624.1	0.4	1			
2020/21-2	Lab	LCS dup, rec	1/31/2021	Organic	Methyl tert-butyl ether (MTBE)	n/a	=	112	%	EPA 624.1	-88	-88	80	128	
2020/21-2	Lab	LCS, RPD	1/31/2021	Organic	Methyl tert-butyl ether (MTBE)	n/a	=	11	%	EPA 624.1	-88	-88	0	25	
2020/21-2	Lab	method blank	1/31/2021	Organic	Methyl tert-butyl ether (MTBE)	n/a	<	0.4	µg/L	EPA 624.1	0.4	1			
2020/21-2	MO-MPK	field blank	1/31/2021	Organic	Methyl tert-butyl ether (MTBE)	n/a	<	0.4	µg/L	EPA 624.1	0.4	1			
2020/21-2	MO-THO	field duplicate	1/31/2021	Organic	Methyl tert-butyl ether (MTBE)	n/a	<	0.4	µg/L	EPA 624.1	0.4	1			
2020/21-2	Lab	LCS	2/9/2021	Organic	Naphthalene	n/a	=	7.47	µg/L	EPA 625.1	0.49	1			
2020/21-2	Lab	LCS, rec	2/9/2021	Organic	Naphthalene	n/a	=	75	%	EPA 625.1	-88	-88	36	120	
2020/21-2	Lab	LCS dup	2/9/2021	Organic	Naphthalene	n/a	=	8.52	µg/L	EPA 625.1	0.49	1			
2020/21-2	Lab	LCS dup, rec	2/9/2021	Organic	Naphthalene	n/a	=	85	%	EPA 625.1	-88	-88	36	120	
2020/21-2	Lab	LCS, RPD	2/9/2021	Organic	Naphthalene	n/a	=	13	%	EPA 625.1	-88	-88	0	30	
2020/21-2	Lab	method blank	2/9/2021	Organic	Naphthalene	n/a	<	0.49	µg/L	EPA 625.1	0.49	1			
2020/21-2	Lab	method blank	2/27/2021	Organic	Naphthalene	n/a	<	0.026	µg/L	EPA 8270C	0.026	0.1			
2020/21-2	Lab	LCS	2/27/2021	Organic	Naphthalene	n/a	=	6.55	µg/L	EPA 8270C	0.026	0.1			
2020/21-2	Lab	LCS, rec	2/27/2021	Organic	Naphthalene	n/a	=	65	%	EPA 8270C	-88	-88	12	136	
2020/21-2	Lab	LCS dup	2/27/2021	Organic	Naphthalene	n/a	=	6.93	µg/L	EPA 8270C	0.026	0.1			
2020/21-2	Lab	LCS dup, rec	2/27/2021	Organic	Naphthalene	n/a	=	69	%	EPA 8270C	-88	-88	12	136	
2020/21-2	Lab	LCS, RPD	2/27/2021	Organic	Naphthalene	n/a	=	6	%	EPA 8270C	-88	-88	0	30	
2020/21-2	Lab	LCS	2/9/2021	Organic	Nitrobenzene	n/a	=	8.1	µg/L	EPA 625.1	0.36	1			
2020/21-2	Lab	LCS, rec	2/9/2021	Organic	Nitrobenzene	n/a	=	81	%	EPA 625.1	-88	-88	54	158	
2020/21-2	Lab	LCS dup	2/9/2021	Organic	Nitrobenzene	n/a	=	9.16	µg/L	EPA 625.1	0.36	1			
2020/21-2	Lab	LCS dup, rec	2/9/2021	Organic	Nitrobenzene	n/a	=	92	%	EPA 625.1	-88	-88	54	158	
2020/21-2	Lab	LCS, RPD	2/9/2021	Organic	Nitrobenzene	n/a	=	12	%	EPA 625.1	-88	-88	0	30	
2020/21-2	Lab	method blank	2/9/2021	Organic	Nitrobenzene	n/a	<	0.36	µg/L	EPA 625.1	0.36	1			
2020/21-2	Lab	srgt LCS	2/9/2021	Organic	Nitrobenzene-d5	n/a	=	4.2	µg/L	EPA 625.1	-88	-88			
2020/21-2	Lab	srgt LCS, rec	2/9/2021	Organic	Nitrobenzene-d5	n/a	=	84	%	EPA 625.1	-88	-88	47	120	
2020/21-2	Lab	srgt LCS dup	2/9/2021	Organic	Nitrobenzene-d5	n/a	=	4.9	µg/L	EPA 625.1	-88	-88			
2020/21-2	Lab	srgt LCS dup, rec	2/9/2021	Organic	Nitrobenzene-d5	n/a	=	98	%	EPA 625.1	-88	-88	47	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	
2020/21-2	Lab	srgt method blank	2/9/2021	Organic	Nitrobenzene-d5	n/a	=	5.02	µg/L	EPA 625.1	-88	-88			
2020/21-2	Lab	srgt method blank, rec	2/9/2021	Organic	Nitrobenzene-d5	n/a	=	100	%	EPA 625.1	-88	-88	47	120	
2020/21-2	Lab	srgt method blank	2/27/2021	Organic	Nitrobenzene-d5	n/a	=	3.7	µg/L	EPA 8270C	-88	-88			
2020/21-2	Lab	srgt method blank, rec	2/27/2021	Organic	Nitrobenzene-d5	n/a	=	74	%	EPA 8270C	-88	-88	51	143	
2020/21-2	Lab	srgt LCS	2/27/2021	Organic	Nitrobenzene-d5	n/a	=	3.35	µg/L	EPA 8270C	-88	-88			
2020/21-2	Lab	srgt LCS, rec	2/27/2021	Organic	Nitrobenzene-d5	n/a	=	67	%	EPA 8270C	-88	-88	51	143	
2020/21-2	Lab	srgt LCS dup	2/27/2021	Organic	Nitrobenzene-d5	n/a	=	3.66	µg/L	EPA 8270C	-88	-88			
2020/21-2	Lab	srgt LCS dup, rec	2/27/2021	Organic	Nitrobenzene-d5	n/a	=	73	%	EPA 8270C	-88	-88	51	143	
2020/21-2	ME-CC	srgt environ	2/9/2021	Organic	Nitrobenzene-d5	n/a	=	51.4	µg/L	EPA 625.1	-88	-88			
2020/21-2	ME-CC	srgt environ, rec	2/9/2021	Organic	Nitrobenzene-d5	n/a	=	103	%	EPA 625.1	-88	-88	47	120	
2020/21-2	ME-CC	srgt environ	2/27/2021	Organic	Nitrobenzene-d5	n/a	=	39.7	µg/L	EPA 8270C	-88	-88			
2020/21-2	ME-CC	srgt environ, rec	2/27/2021	Organic	Nitrobenzene-d5	n/a	=	79	%	EPA 8270C	-88	-88	51	143	
2020/21-2	ME-SCR	srgt environ	2/9/2021	Organic	Nitrobenzene-d5	n/a	=	213	µg/L	EPA 625.1	-88	-88			
2020/21-2	ME-SCR	srgt environ, rec	2/9/2021	Organic	Nitrobenzene-d5	n/a	=	85	%	EPA 625.1	-88	-88	47	120	
2020/21-2	ME-SCR	srgt environ	2/27/2021	Organic	Nitrobenzene-d5	n/a	=	163	µg/L	EPA 8270C	-88	-88			
2020/21-2	ME-SCR	srgt environ, rec	2/27/2021	Organic	Nitrobenzene-d5	n/a	=	65	%	EPA 8270C	-88	-88	51	143	
2020/21-2	ME-VR2	srgt environ	2/9/2021	Organic	Nitrobenzene-d5	n/a	=	4.71	µg/L	EPA 625.1	-88	-88			
2020/21-2	ME-VR2	srgt environ, rec	2/9/2021	Organic	Nitrobenzene-d5	n/a	=	94	%	EPA 625.1	-88	-88	47	120	
2020/21-2	ME-VR2	srgt environ	2/27/2021	Organic	Nitrobenzene-d5	n/a	=	3.62	µg/L	EPA 8270C	-88	-88			
2020/21-2	ME-VR2	srgt environ, rec	2/27/2021	Organic	Nitrobenzene-d5	n/a	=	72	%	EPA 8270C	-88	-88	51	143	
2020/21-2	MO-CAM	srgt environ	2/9/2021	Organic	Nitrobenzene-d5	n/a	=	4.01	µg/L	EPA 625.1	-88	-88			
2020/21-2	MO-CAM	srgt environ, rec	2/9/2021	Organic	Nitrobenzene-d5	n/a	=	80	%	EPA 625.1	-88	-88	47	120	
2020/21-2	MO-CAM	srgt environ	2/27/2021	Organic	Nitrobenzene-d5	n/a	=	3.13	µg/L	EPA 8270C	-88	-88			
2020/21-2	MO-CAM	srgt environ, rec	2/27/2021	Organic	Nitrobenzene-d5	n/a	=	63	%	EPA 8270C	-88	-88	51	143	
2020/21-2	MO-FIL	srgt environ	2/10/2021	Organic	Nitrobenzene-d5	n/a	=	3.69	µg/L	EPA 625.1	-88	-88			
2020/21-2	MO-FIL	srgt environ, rec	2/10/2021	Organic	Nitrobenzene-d5	n/a	=	74	%	EPA 625.1	-88	-88	47	120	
2020/21-2	MO-FIL	srgt environ	2/27/2021	Organic	Nitrobenzene-d5	n/a	=	3.1	µg/L	EPA 8270C	-88	-88			
2020/21-2	MO-FIL	srgt environ, rec	2/27/2021	Organic	Nitrobenzene-d5	n/a	=	62	%	EPA 8270C	-88	-88	51	143	
2020/21-2	MO-HUE	srgt environ	2/10/2021	Organic	Nitrobenzene-d5	n/a	=	4.66	µg/L	EPA 625.1	-88	-88			
2020/21-2	MO-HUE	srgt environ, rec	2/10/2021	Organic	Nitrobenzene-d5	n/a	=	93	%	EPA 625.1	-88	-88	47	120	
2020/21-2	MO-HUE	srgt environ	2/27/2021	Organic	Nitrobenzene-d5	n/a	=	2.96	µg/L	EPA 8270C	-88	-88			
2020/21-2	MO-HUE	srgt environ, rec	2/27/2021	Organic	Nitrobenzene-d5	n/a	=	59	%	EPA 8270C	-88	-88	51	143	
2020/21-2	MO-MEI	srgt environ	2/9/2021	Organic	Nitrobenzene-d5	n/a	=	44.2	µg/L	EPA 625.1	-88	-88			
2020/21-2	MO-MEI	srgt environ, rec	2/9/2021	Organic	Nitrobenzene-d5	n/a	=	88	%	EPA 625.1	-88	-88	47	120	
2020/21-2	MO-MEI	srgt environ	2/27/2021	Organic	Nitrobenzene-d5	n/a	=	33.2	µg/L	EPA 8270C	-88	-88			
2020/21-2	MO-MEI	srgt environ, rec	2/27/2021	Organic	Nitrobenzene-d5	n/a	=	66	%	EPA 8270C	-88	-88	51	143	
2020/21-2	MO-MPK	srgt environ	2/10/2021	Organic	Nitrobenzene-d5	n/a	=	51.1	µg/L	EPA 625.1	-88	-88			
2020/21-2	MO-MPK	srgt environ, rec	2/10/2021	Organic	Nitrobenzene-d5	n/a	=	102	%	EPA 625.1	-88	-88	47	120	
2020/21-2	MO-MPK	srgt environ	2/27/2021	Organic	Nitrobenzene-d5	n/a	=	38.4	µg/L	EPA 8270C	-88	-88			
2020/21-2	MO-MPK	srgt environ, rec	2/27/2021	Organic	Nitrobenzene-d5	n/a	=	77	%	EPA 8270C	-88	-88	51	143	
2020/21-2	MO-OJA	srgt environ	2/9/2021	Organic	Nitrobenzene-d5	n/a	=	48.8	µg/L	EPA 625.1	-88	-88			
2020/21-2	MO-OJA	srgt environ, rec	2/9/2021	Organic	Nitrobenzene-d5	n/a	=	98	%	EPA 625.1	-88	-88	47	120	
2020/21-2	MO-OJA	srgt environ	2/27/2021	Organic	Nitrobenzene-d5	n/a	=	34.6	µg/L	EPA 8270C	-88	-88			
2020/21-2	MO-OJA	srgt environ, rec	2/27/2021	Organic	Nitrobenzene-d5	n/a	=	69	%	EPA 8270C	-88	-88	51	143	
2020/21-2	MO-oxn	srgt environ	2/9/2021	Organic	Nitrobenzene-d5	n/a	=	41.9	µg/L	EPA 625.1	-88	-88			
2020/21-2	MO-oxn	srgt environ, rec	2/9/2021	Organic	Nitrobenzene-d5	n/a	=	84	%	EPA 625.1	-88	-88	47	120	
2020/21-2	MO-oxn	srgt environ	2/27/2021	Organic	Nitrobenzene-d5	n/a	=	31.9	µg/L	EPA 8270C	-88	-88			

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2020/21-2	MO-OXN	srgt environ, rec	2/27/2021	Organic	Nitrobenzene-d5	n/a	=	64	%	EPA 8270C	-88	-88	51	143	
2020/21-2	MO-SIM	srgt environ	2/9/2021	Organic	Nitrobenzene-d5	n/a	=	45.4	µg/L	EPA 625.1	-88	-88			
2020/21-2	MO-SIM	srgt environ, rec	2/9/2021	Organic	Nitrobenzene-d5	n/a	=	91	%	EPA 625.1	-88	-88	47	120	
2020/21-2	MO-SIM	srgt environ	2/27/2021	Organic	Nitrobenzene-d5	n/a	=	34.1	µg/L	EPA 8270C	-88	-88			
2020/21-2	MO-SIM	srgt environ, rec	2/27/2021	Organic	Nitrobenzene-d5	n/a	=	68	%	EPA 8270C	-88	-88	51	143	
2020/21-2	MO-SPA	srgt environ	2/9/2021	Organic	Nitrobenzene-d5	n/a	=	43.6	µg/L	EPA 625.1	-88	-88			
2020/21-2	MO-SPA	srgt environ, rec	2/9/2021	Organic	Nitrobenzene-d5	n/a	=	87	%	EPA 625.1	-88	-88	47	120	
2020/21-2	MO-SPA	srgt environ	2/27/2021	Organic	Nitrobenzene-d5	n/a	=	32.9	µg/L	EPA 8270C	-88	-88			
2020/21-2	MO-SPA	srgt environ, rec	2/27/2021	Organic	Nitrobenzene-d5	n/a	=	66	%	EPA 8270C	-88	-88	51	143	
2020/21-2	MO-THO	srgt environ	2/9/2021	Organic	Nitrobenzene-d5	n/a	=	78.5	µg/L	EPA 625.1	-88	-88			
2020/21-2	MO-THO	srgt environ, rec	2/9/2021	Organic	Nitrobenzene-d5	n/a	=	78	%	EPA 625.1	-88	-88	47	120	
2020/21-2	MO-THO	srgt environ	2/27/2021	Organic	Nitrobenzene-d5	n/a	=	58.6	µg/L	EPA 8270C	-88	-88			
2020/21-2	MO-THO	srgt environ, rec	2/27/2021	Organic	Nitrobenzene-d5	n/a	=	59	%	EPA 8270C	-88	-88	51	143	
2020/21-2	MO-VEN	srgt environ	2/9/2021	Organic	Nitrobenzene-d5	n/a	=	42.5	µg/L	EPA 625.1	-88	-88			
2020/21-2	MO-VEN	srgt environ, rec	2/9/2021	Organic	Nitrobenzene-d5	n/a	=	85	%	EPA 625.1	-88	-88	47	120	
2020/21-2	MO-VEN	srgt environ	2/27/2021	Organic	Nitrobenzene-d5	n/a	=	32.5	µg/L	EPA 8270C	-88	-88			
2020/21-2	MO-VEN	srgt environ, rec	2/27/2021	Organic	Nitrobenzene-d5	n/a	=	65	%	EPA 8270C	-88	-88	51	143	
2020/21-2	Lab	LCS	2/9/2021	Organic	N-Nitrosodimethylamine	n/a	=	4.17	µg/L	EPA 625.1	0.5	1			
2020/21-2	Lab	LCS, rec	2/9/2021	Organic	N-Nitrosodimethylamine	n/a	=	42	%	EPA 625.1	-88	-88	22	120	
2020/21-2	Lab	LCS dup	2/9/2021	Organic	N-Nitrosodimethylamine	n/a	=	4.56	µg/L	EPA 625.1	0.5	1			
2020/21-2	Lab	LCS dup, rec	2/9/2021	Organic	N-Nitrosodimethylamine	n/a	=	46	%	EPA 625.1	-88	-88	22	120	
2020/21-2	Lab	LCS, RPD	2/9/2021	Organic	N-Nitrosodimethylamine	n/a	=	9	%	EPA 625.1	-88	-88	0	30	
2020/21-2	Lab	method blank	2/9/2021	Organic	N-Nitrosodimethylamine	n/a	<	0.5	µg/L	EPA 625.1	0.5	1			
2020/21-2	Lab	LCS	2/9/2021	Organic	N-Nitrosodi-N-propylamine	n/a	=	7.8	µg/L	EPA 625.1	0.26	1			
2020/21-2	Lab	LCS, rec	2/9/2021	Organic	N-Nitrosodi-N-propylamine	n/a	=	78	%	EPA 625.1	-88	-88	14	198	
2020/21-2	Lab	LCS dup	2/9/2021	Organic	N-Nitrosodi-N-propylamine	n/a	=	8.96	µg/L	EPA 625.1	0.26	1			
2020/21-2	Lab	LCS dup, rec	2/9/2021	Organic	N-Nitrosodi-N-propylamine	n/a	=	90	%	EPA 625.1	-88	-88	14	198	
2020/21-2	Lab	LCS, RPD	2/9/2021	Organic	N-Nitrosodi-N-propylamine	n/a	=	14	%	EPA 625.1	-88	-88	0	30	
2020/21-2	Lab	method blank	2/9/2021	Organic	N-Nitrosodi-N-propylamine	n/a	<	0.26	µg/L	EPA 625.1	0.26	1			
2020/21-2	Lab	LCS	2/9/2021	Organic	N-Nitrosodiphenylamine	n/a	=	7.67	µg/L	EPA 625.1	0.19	1			
2020/21-2	Lab	LCS, rec	2/9/2021	Organic	N-Nitrosodiphenylamine	n/a	=	77	%	EPA 625.1	-88	-88	47	120	
2020/21-2	Lab	LCS dup	2/9/2021	Organic	N-Nitrosodiphenylamine	n/a	=	8.48	µg/L	EPA 625.1	0.19	1			
2020/21-2	Lab	LCS dup, rec	2/9/2021	Organic	N-Nitrosodiphenylamine	n/a	=	85	%	EPA 625.1	-88	-88	47	120	
2020/21-2	Lab	LCS, RPD	2/9/2021	Organic	N-Nitrosodiphenylamine	n/a	=	10	%	EPA 625.1	-88	-88	0	30	
2020/21-2	Lab	method blank	2/9/2021	Organic	N-Nitrosodiphenylamine	n/a	<	0.19	µg/L	EPA 625.1	0.19	1			
2020/21-2	000NONPJ	srgt matrix spike	2/12/2021	Organic	Perylene-d12	n/a	=	5.17	µg/L	EPA 525.2	-88	-88			
2020/21-2	000NONPJ	srgt matrix spike, rec	2/12/2021	Organic	Perylene-d12	n/a	=	103	%	EPA 525.2	-88	-88	50	120	
2020/21-2	000NONPJ	srgt matrix spike dup	2/12/2021	Organic	Perylene-d12	n/a	=	5.23	µg/L	EPA 525.2	-88	-88			
2020/21-2	000NONPJ	srgt matrix spike dup, rec	2/12/2021	Organic	Perylene-d12	n/a	=	105	%	EPA 525.2	-88	-88	50	120	
2020/21-2	Lab	srgt method blank	2/11/2021	Organic	Perylene-d12	n/a	=	4.61	µg/L	EPA 525.2	-88	-88			
2020/21-2	Lab	srgt method blank, rec	2/11/2021	Organic	Perylene-d12	n/a	=	92	%	EPA 525.2	-88	-88	50	120	
2020/21-2	Lab	srgt LCS dup	2/11/2021	Organic	Perylene-d12	n/a	=	3.91	µg/L	EPA 525.2	-88	-88			
2020/21-2	Lab	srgt LCS dup, rec	2/11/2021	Organic	Perylene-d12	n/a	=	78	%	EPA 525.2	-88	-88	50	120	
2020/21-2	Lab	srgt LCS	2/11/2021	Organic	Perylene-d12	n/a	=	5.18	µg/L	EPA 525.2	-88	-88			
2020/21-2	Lab	srgt LCS, rec	2/11/2021	Organic	Perylene-d12	n/a	=	104	%	EPA 525.2	-88	-88	50	120	
2020/21-2	Lab	srgt LCS	2/11/2021	Organic	Perylene-d12	n/a	=	3.73	µg/L	EPA 525.2	-88	-88			
2020/21-2	Lab	srgt LCS, rec	2/11/2021	Organic	Perylene-d12	n/a	=	75	%	EPA 525.2	-88	-88	50	120	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2020/21-2	Lab	srqt LCS dup	2/12/2021	Organic	Perylene-d12	n/a	=	4.93	µg/L	EPA 525.2	-88	-88			
2020/21-2	Lab	srqt LCS dup, rec	2/12/2021	Organic	Perylene-d12	n/a	=	99	%	EPA 525.2	-88	-88	50	120	
2020/21-2	Lab	srqt method blank	2/12/2021	Organic	Perylene-d12	n/a	=	5.04	µg/L	EPA 525.2	-88	-88			
2020/21-2	Lab	srqt method blank, rec	2/12/2021	Organic	Perylene-d12	n/a	=	101	%	EPA 525.2	-88	-88	50	120	
2020/21-2	Lab	srqt LCS	2/12/2021	Organic	Perylene-d12	n/a	=	5.12	µg/L	EPA 525.2	-88	-88			
2020/21-2	Lab	srqt LCS, rec	2/12/2021	Organic	Perylene-d12	n/a	=	102	%	EPA 525.2	-88	-88	50	120	
2020/21-2	Lab	srqt LCS dup	2/12/2021	Organic	Perylene-d12	n/a	=	5.29	µg/L	EPA 525.2	-88	-88			
2020/21-2	Lab	srqt LCS dup, rec	2/12/2021	Organic	Perylene-d12	n/a	=	106	%	EPA 525.2	-88	-88	50	120	
2020/21-2	Lab	srqt LCS	2/12/2021	Organic	Perylene-d12	n/a	=	4.99	µg/L	EPA 525.2	-88	-88			
2020/21-2	Lab	srqt LCS, rec	2/12/2021	Organic	Perylene-d12	n/a	=	100	%	EPA 525.2	-88	-88	50	120	
2020/21-2	Lab	srqt LCS dup	2/12/2021	Organic	Perylene-d12	n/a	=	5.05	µg/L	EPA 525.2	-88	-88			
2020/21-2	Lab	srqt LCS dup, rec	2/12/2021	Organic	Perylene-d12	n/a	=	101	%	EPA 525.2	-88	-88	50	120	
2020/21-2	Lab	srqt method blank	2/16/2021	Organic	Perylene-d12	n/a	=	4.82	µg/L	EPA 525.2	-88	-88			
2020/21-2	Lab	srqt method blank, rec	2/16/2021	Organic	Perylene-d12	n/a	=	96	%	EPA 525.2	-88	-88	50	120	
2020/21-2	Lab	srqt LCS	2/16/2021	Organic	Perylene-d12	n/a	=	5.07	µg/L	EPA 525.2	-88	-88			
2020/21-2	Lab	srqt LCS, rec	2/16/2021	Organic	Perylene-d12	n/a	=	101	%	EPA 525.2	-88	-88	50	120	
2020/21-2	Lab	srqt LCS dup	2/16/2021	Organic	Perylene-d12	n/a	=	5.04	µg/L	EPA 525.2	-88	-88			
2020/21-2	Lab	srqt LCS dup, rec	2/16/2021	Organic	Perylene-d12	n/a	=	101	%	EPA 525.2	-88	-88	50	120	
2020/21-2	ME-CC	srqt environ	2/13/2021	Organic	Perylene-d12	n/a	=	19.8	µg/L	EPA 525.2	-88	-88			
2020/21-2	ME-CC	srqt environ, rec	2/13/2021	Organic	Perylene-d12	n/a	=	79	%	EPA 525.2	-88	-88	50	120	
2020/21-2	ME-SCR	srqt environ	2/16/2021	Organic	Perylene-d12	n/a	=	26.7	µg/L	EPA 525.2	-88	-88			GN
2020/21-2	ME-SCR	srqt environ, rec	2/16/2021	Organic	Perylene-d12	n/a	=	27	%	EPA 525.2	-88	-88	50	120	GN
2020/21-2	ME-VR2	srqt environ	2/12/2021	Organic	Perylene-d12	n/a	=	8.39	µg/L	EPA 525.2	-88	-88			
2020/21-2	ME-VR2	srqt environ, rec	2/12/2021	Organic	Perylene-d12	n/a	=	84	%	EPA 525.2	-88	-88	50	120	
2020/21-2	MO-CAM	srqt environ	2/12/2021	Organic	Perylene-d12	n/a	=	24	µg/L	EPA 525.2	-88	-88			
2020/21-2	MO-CAM	srqt environ, rec	2/12/2021	Organic	Perylene-d12	n/a	=	96	%	EPA 525.2	-88	-88	50	120	
2020/21-2	MO-FIL	srqt environ	2/12/2021	Organic	Perylene-d12	n/a	=	24.3	µg/L	EPA 525.2	-88	-88			
2020/21-2	MO-FIL	srqt environ, rec	2/12/2021	Organic	Perylene-d12	n/a	=	97	%	EPA 525.2	-88	-88	50	120	
2020/21-2	MO-HUE	srqt environ	2/12/2021	Organic	Perylene-d12	n/a	=	47.7	µg/L	EPA 525.2	-88	-88			
2020/21-2	MO-HUE	srqt environ, rec	2/12/2021	Organic	Perylene-d12	n/a	=	95	%	EPA 525.2	-88	-88	50	120	
2020/21-2	MO-MEI	srqt environ	2/12/2021	Organic	Perylene-d12	n/a	=	46.1	µg/L	EPA 525.2	-88	-88			
2020/21-2	MO-MEI	srqt environ, rec	2/12/2021	Organic	Perylene-d12	n/a	=	92	%	EPA 525.2	-88	-88	50	120	
2020/21-2	MO-MPK	srqt environ	2/12/2021	Organic	Perylene-d12	n/a	=	41.8	µg/L	EPA 525.2	-88	-88			
2020/21-2	MO-MPK	srqt environ, rec	2/12/2021	Organic	Perylene-d12	n/a	=	84	%	EPA 525.2	-88	-88	50	120	
2020/21-2	MO-OJA	srqt environ	2/12/2021	Organic	Perylene-d12	n/a	=	50.7	µg/L	EPA 525.2	-88	-88			
2020/21-2	MO-OJA	srqt environ, rec	2/12/2021	Organic	Perylene-d12	n/a	=	101	%	EPA 525.2	-88	-88	50	120	
2020/21-2	MO-OXN	srqt environ	2/13/2021	Organic	Perylene-d12	n/a	=	23	µg/L	EPA 525.2	-88	-88			
2020/21-2	MO-OXN	srqt environ, rec	2/13/2021	Organic	Perylene-d12	n/a	=	92	%	EPA 525.2	-88	-88	50	120	
2020/21-2	MO-SIM	srqt environ	2/12/2021	Organic	Perylene-d12	n/a	=	40.1	µg/L	EPA 525.2	-88	-88			
2020/21-2	MO-SIM	srqt environ, rec	2/12/2021	Organic	Perylene-d12	n/a	=	80	%	EPA 525.2	-88	-88	50	120	
2020/21-2	MO-SPA	srqt environ	2/12/2021	Organic	Perylene-d12	n/a	=	44	µg/L	EPA 525.2	-88	-88			
2020/21-2	MO-SPA	srqt environ, rec	2/12/2021	Organic	Perylene-d12	n/a	=	88	%	EPA 525.2	-88	-88	50	120	
2020/21-2	MO-THO	srqt environ	2/12/2021	Organic	Perylene-d12	n/a	=	40	µg/L	EPA 525.2	-88	-88			
2020/21-2	MO-THO	srqt environ, rec	2/12/2021	Organic	Perylene-d12	n/a	=	80	%	EPA 525.2	-88	-88	50	120	
2020/21-2	MO-VEN	srqt environ	2/12/2021	Organic	Perylene-d12	n/a	=	49.5	µg/L	EPA 525.2	-88	-88			
2020/21-2	MO-VEN	srqt environ, rec	2/12/2021	Organic	Perylene-d12	n/a	=	99	%	EPA 525.2	-88	-88	50	120	
2020/21-2	Lab	LCS	2/9/2021	Organic	Phenanthrene	n/a	=	9.01	µg/L	EPA 625.1	0.32	1			

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2020/21-2	Lab	LCS, rec	2/9/2021	Organic	Phenanthrene	n/a	=	90	%	EPA 625.1	-88	-88	65	120	
2020/21-2	Lab	LCS dup	2/9/2021	Organic	Phenanthrene	n/a	=	9.81	µg/L	EPA 625.1	0.32	1			
2020/21-2	Lab	LCS dup, rec	2/9/2021	Organic	Phenanthrene	n/a	=	98	%	EPA 625.1	-88	-88	65	120	
2020/21-2	Lab	LCS, RPD	2/9/2021	Organic	Phenanthrene	n/a	=	8	%	EPA 625.1	-88	-88	0	30	
2020/21-2	Lab	method blank	2/9/2021	Organic	Phenanthrene	n/a	<	0.32	µg/L	EPA 625.1	0.32	1			
2020/21-2	Lab	method blank	2/27/2021	Organic	Phenanthrene	n/a	<	0.029	µg/L	EPA 8270C	0.029	0.1			
2020/21-2	Lab	LCS	2/27/2021	Organic	Phenanthrene	n/a	=	8.59	µg/L	EPA 8270C	0.029	0.1			
2020/21-2	Lab	LCS, rec	2/27/2021	Organic	Phenanthrene	n/a	=	86	%	EPA 8270C	-88	-88	21	131	
2020/21-2	Lab	LCS dup	2/27/2021	Organic	Phenanthrene	n/a	=	9.04	µg/L	EPA 8270C	0.029	0.1			
2020/21-2	Lab	LCS dup, rec	2/27/2021	Organic	Phenanthrene	n/a	=	90	%	EPA 8270C	-88	-88	21	131	
2020/21-2	Lab	LCS, RPD	2/27/2021	Organic	Phenanthrene	n/a	=	5	%	EPA 8270C	-88	-88	0	30	
2020/21-2	Lab	LCS	2/9/2021	Organic	Phenol	n/a	=	3.26	µg/L	EPA 625.1	0.16	1			
2020/21-2	Lab	LCS, rec	2/9/2021	Organic	Phenol	n/a	=	33	%	EPA 625.1	-88	-88	17	120	
2020/21-2	Lab	LCS dup	2/9/2021	Organic	Phenol	n/a	=	3.69	µg/L	EPA 625.1	0.16	1			
2020/21-2	Lab	LCS dup, rec	2/9/2021	Organic	Phenol	n/a	=	37	%	EPA 625.1	-88	-88	17	120	
2020/21-2	Lab	LCS, RPD	2/9/2021	Organic	Phenol	n/a	=	12	%	EPA 625.1	-88	-88	0	30	
2020/21-2	Lab	method blank	2/9/2021	Organic	Phenol	n/a	<	0.16	µg/L	EPA 625.1	0.16	1			
2020/21-2	Lab	method blank	3/5/2021	Organic	Phenol	n/a	<	0.35	µg/L	EPA 8270C	0.35	1			
2020/21-2	Lab	LCS	3/5/2021	Organic	Phenol	n/a	=	2.88	µg/L	EPA 8270C	0.35	1			
2020/21-2	Lab	LCS, rec	3/5/2021	Organic	Phenol	n/a	=	29	%	EPA 8270C	-88	-88	6	43	
2020/21-2	Lab	LCS dup	3/5/2021	Organic	Phenol	n/a	=	3.09	µg/L	EPA 8270C	0.35	1			
2020/21-2	Lab	LCS dup, rec	3/5/2021	Organic	Phenol	n/a	=	31	%	EPA 8270C	-88	-88	6	43	
2020/21-2	Lab	LCS, RPD	3/5/2021	Organic	Phenol	n/a	=	7	%	EPA 8270C	-88	-88	0	30	
2020/21-2	Lab	srgt LCS	2/9/2021	Organic	Phenol-d5	n/a	=	2.93	µg/L	EPA 625.1	-88	-88			
2020/21-2	Lab	srgt LCS, rec	2/9/2021	Organic	Phenol-d5	n/a	=	29	%	EPA 625.1	-88	-88	12	120	
2020/21-2	Lab	srgt LCS dup	2/9/2021	Organic	Phenol-d5	n/a	=	3.41	µg/L	EPA 625.1	-88	-88			
2020/21-2	Lab	srgt LCS dup, rec	2/9/2021	Organic	Phenol-d5	n/a	=	34	%	EPA 625.1	-88	-88	12	120	
2020/21-2	Lab	srgt method blank	2/9/2021	Organic	Phenol-d5	n/a	=	3.56	µg/L	EPA 625.1	-88	-88			
2020/21-2	Lab	srgt method blank, rec	2/9/2021	Organic	Phenol-d5	n/a	=	36	%	EPA 625.1	-88	-88	12	120	
2020/21-2	Lab	srgt method blank	3/5/2021	Organic	Phenol-d5	n/a	=	2.95	µg/L	EPA 8270C	-88	-88			
2020/21-2	Lab	srgt method blank, rec	3/5/2021	Organic	Phenol-d5	n/a	=	30	%	EPA 8270C	-88	-88	5	46	
2020/21-2	Lab	srgt LCS	3/5/2021	Organic	Phenol-d5	n/a	=	2.58	µg/L	EPA 8270C	-88	-88			
2020/21-2	Lab	srgt LCS, rec	3/5/2021	Organic	Phenol-d5	n/a	=	26	%	EPA 8270C	-88	-88	5	46	
2020/21-2	Lab	srgt LCS dup	3/5/2021	Organic	Phenol-d5	n/a	=	2.82	µg/L	EPA 8270C	-88	-88			
2020/21-2	Lab	srgt LCS dup, rec	3/5/2021	Organic	Phenol-d5	n/a	=	28	%	EPA 8270C	-88	-88	5	46	
2020/21-2	ME-CC	srgt environ	2/9/2021	Organic	Phenol-d5	n/a	=	37.4	µg/L	EPA 625.1	-88	-88			
2020/21-2	ME-CC	srgt environ, rec	2/9/2021	Organic	Phenol-d5	n/a	=	37	%	EPA 625.1	-88	-88	12	120	
2020/21-2	ME-CC	srgt environ	3/5/2021	Organic	Phenol-d5	n/a	=	32.9	µg/L	EPA 8270C	-88	-88			
2020/21-2	ME-CC	srgt environ, rec	3/5/2021	Organic	Phenol-d5	n/a	=	33	%	EPA 8270C	-88	-88	5	46	
2020/21-2	ME-SCR	srgt environ	2/9/2021	Organic	Phenol-d5	n/a	=	145	µg/L	EPA 625.1	-88	-88			
2020/21-2	ME-SCR	srgt environ, rec	2/9/2021	Organic	Phenol-d5	n/a	=	29	%	EPA 625.1	-88	-88	12	120	
2020/21-2	ME-SCR	srgt environ	3/5/2021	Organic	Phenol-d5	n/a	=	119	µg/L	EPA 8270C	-88	-88			
2020/21-2	ME-SCR	srgt environ, rec	3/5/2021	Organic	Phenol-d5	n/a	=	24	%	EPA 8270C	-88	-88	5	46	
2020/21-2	ME-VR2	srgt environ	2/9/2021	Organic	Phenol-d5	n/a	=	3.15	µg/L	EPA 625.1	-88	-88			
2020/21-2	ME-VR2	srgt environ, rec	2/9/2021	Organic	Phenol-d5	n/a	=	31	%	EPA 625.1	-88	-88	12	120	
2020/21-2	ME-VR2	srgt environ	3/5/2021	Organic	Phenol-d5	n/a	=	2.74	µg/L	EPA 8270C	-88	-88			
2020/21-2	ME-VR2	srgt environ, rec	3/5/2021	Organic	Phenol-d5	n/a	=	27	%	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	
2020/21-2	MO-CAM	srgt environ	2/9/2021	Organic	Phenol-d5	n/a	=	3.05	µg/L	EPA 625.1	-88	-88			
2020/21-2	MO-CAM	srgt environ, rec	2/9/2021	Organic	Phenol-d5	n/a	=	31	%	EPA 625.1	-88	-88	12	120	
2020/21-2	MO-CAM	srgt environ	3/5/2021	Organic	Phenol-d5	n/a	=	2.64	µg/L	EPA 8270C	-88	-88			
2020/21-2	MO-CAM	srgt environ, rec	3/5/2021	Organic	Phenol-d5	n/a	=	26	%	EPA 8270C	-88	-88	5	46	
2020/21-2	MO-FIL	srgt environ	2/10/2021	Organic	Phenol-d5	n/a	=	2.64	µg/L	EPA 625.1	-88	-88			
2020/21-2	MO-FIL	srgt environ, rec	2/10/2021	Organic	Phenol-d5	n/a	=	26	%	EPA 625.1	-88	-88	12	120	
2020/21-2	MO-FIL	srgt environ	3/5/2021	Organic	Phenol-d5	n/a	=	2.5	µg/L	EPA 8270C	-88	-88			
2020/21-2	MO-FIL	srgt environ, rec	3/5/2021	Organic	Phenol-d5	n/a	=	25	%	EPA 8270C	-88	-88	5	46	
2020/21-2	MO-HUE	srgt environ	2/10/2021	Organic	Phenol-d5	n/a	=	2.97	µg/L	EPA 625.1	-88	-88			
2020/21-2	MO-HUE	srgt environ, rec	2/10/2021	Organic	Phenol-d5	n/a	=	30	%	EPA 625.1	-88	-88	12	120	
2020/21-2	MO-HUE	srgt environ	3/5/2021	Organic	Phenol-d5	n/a	=	2.17	µg/L	EPA 8270C	-88	-88			
2020/21-2	MO-HUE	srgt environ, rec	3/5/2021	Organic	Phenol-d5	n/a	=	22	%	EPA 8270C	-88	-88	5	46	
2020/21-2	MO-MEI	srgt environ	2/9/2021	Organic	Phenol-d5	n/a	=	29.5	µg/L	EPA 625.1	-88	-88			
2020/21-2	MO-MEI	srgt environ, rec	2/9/2021	Organic	Phenol-d5	n/a	=	30	%	EPA 625.1	-88	-88	12	120	
2020/21-2	MO-MEI	srgt environ	3/5/2021	Organic	Phenol-d5	n/a	=	25	µg/L	EPA 8270C	-88	-88			
2020/21-2	MO-MEI	srgt environ, rec	3/5/2021	Organic	Phenol-d5	n/a	=	25	%	EPA 8270C	-88	-88	5	46	
2020/21-2	MO-MPK	srgt environ	2/10/2021	Organic	Phenol-d5	n/a	=	36.9	µg/L	EPA 625.1	-88	-88			
2020/21-2	MO-MPK	srgt environ, rec	2/10/2021	Organic	Phenol-d5	n/a	=	37	%	EPA 625.1	-88	-88	12	120	
2020/21-2	MO-MPK	srgt environ	3/5/2021	Organic	Phenol-d5	n/a	=	31.4	µg/L	EPA 8270C	-88	-88			
2020/21-2	MO-MPK	srgt environ, rec	3/5/2021	Organic	Phenol-d5	n/a	=	31	%	EPA 8270C	-88	-88	5	46	
2020/21-2	MO-OJA	srgt environ	2/9/2021	Organic	Phenol-d5	n/a	=	32.6	µg/L	EPA 625.1	-88	-88			
2020/21-2	MO-OJA	srgt environ, rec	2/9/2021	Organic	Phenol-d5	n/a	=	33	%	EPA 625.1	-88	-88	12	120	
2020/21-2	MO-OJA	srgt environ	3/5/2021	Organic	Phenol-d5	n/a	=	27.5	µg/L	EPA 8270C	-88	-88			
2020/21-2	MO-OJA	srgt environ, rec	3/5/2021	Organic	Phenol-d5	n/a	=	28	%	EPA 8270C	-88	-88	5	46	
2020/21-2	MO-OXN	srgt environ	2/9/2021	Organic	Phenol-d5	n/a	=	29.7	µg/L	EPA 625.1	-88	-88			
2020/21-2	MO-OXN	srgt environ, rec	2/9/2021	Organic	Phenol-d5	n/a	=	30	%	EPA 625.1	-88	-88	12	120	
2020/21-2	MO-OXN	srgt environ	3/5/2021	Organic	Phenol-d5	n/a	=	26.3	µg/L	EPA 8270C	-88	-88			
2020/21-2	MO-OXN	srgt environ, rec	3/5/2021	Organic	Phenol-d5	n/a	=	26	%	EPA 8270C	-88	-88	5	46	
2020/21-2	MO-SIM	srgt environ	2/9/2021	Organic	Phenol-d5	n/a	=	32.4	µg/L	EPA 625.1	-88	-88			
2020/21-2	MO-SIM	srgt environ, rec	2/9/2021	Organic	Phenol-d5	n/a	=	32	%	EPA 625.1	-88	-88	12	120	
2020/21-2	MO-SIM	srgt environ	3/5/2021	Organic	Phenol-d5	n/a	=	28.3	µg/L	EPA 8270C	-88	-88			
2020/21-2	MO-SIM	srgt environ, rec	3/5/2021	Organic	Phenol-d5	n/a	=	28	%	EPA 8270C	-88	-88	5	46	
2020/21-2	MO-SPA	srgt environ	2/9/2021	Organic	Phenol-d5	n/a	=	30.7	µg/L	EPA 625.1	-88	-88			
2020/21-2	MO-SPA	srgt environ, rec	2/9/2021	Organic	Phenol-d5	n/a	=	31	%	EPA 625.1	-88	-88	12	120	
2020/21-2	MO-SPA	srgt environ	3/5/2021	Organic	Phenol-d5	n/a	=	26.6	µg/L	EPA 8270C	-88	-88			
2020/21-2	MO-SPA	srgt environ, rec	3/5/2021	Organic	Phenol-d5	n/a	=	27	%	EPA 8270C	-88	-88	5	46	
2020/21-2	MO-THO	srgt environ	2/9/2021	Organic	Phenol-d5	n/a	=	56.6	µg/L	EPA 625.1	-88	-88			
2020/21-2	MO-THO	srgt environ, rec	2/9/2021	Organic	Phenol-d5	n/a	=	28	%	EPA 625.1	-88	-88	12	120	
2020/21-2	MO-THO	srgt environ	3/5/2021	Organic	Phenol-d5	n/a	=	49.5	µg/L	EPA 8270C	-88	-88			
2020/21-2	MO-THO	srgt environ, rec	3/5/2021	Organic	Phenol-d5	n/a	=	25	%	EPA 8270C	-88	-88	5	46	
2020/21-2	MO-VEN	srgt environ	2/9/2021	Organic	Phenol-d5	n/a	=	30.4	µg/L	EPA 625.1	-88	-88			
2020/21-2	MO-VEN	srgt environ, rec	2/9/2021	Organic	Phenol-d5	n/a	=	30	%	EPA 625.1	-88	-88	12	120	
2020/21-2	MO-VEN	srgt environ	3/5/2021	Organic	Phenol-d5	n/a	=	25.7	µg/L	EPA 8270C	-88	-88			
2020/21-2	MO-VEN	srgt environ, rec	3/5/2021	Organic	Phenol-d5	n/a	=	26	%	EPA 8270C	-88	-88	5	46	
2020/21-2	Lab	srgt LCS	2/9/2021	Organic	p-Terphenyl-d14	n/a	=	5.21	µg/L	EPA 625.1	-88	-88			
2020/21-2	Lab	srgt LCS, rec	2/9/2021	Organic	p-Terphenyl-d14	n/a	=	104	%	EPA 625.1	-88	-88	44	129	
2020/21-2	Lab	srgt LCS dup	2/9/2021	Organic	p-Terphenyl-d14	n/a	=	5.39	µg/L	EPA 625.1	-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	
2020/21-2	Lab	srgt LCS dup, rec	2/9/2021	Organic	p-Terphenyl-d14	n/a	=	108	%	EPA 625.1	-88	-88	44	129	
2020/21-2	Lab	srgt method blank	2/9/2021	Organic	p-Terphenyl-d14	n/a	=	5.42	µg/L	EPA 625.1	-88	-88			
2020/21-2	Lab	srgt method blank, rec	2/9/2021	Organic	p-Terphenyl-d14	n/a	=	108	%	EPA 625.1	-88	-88	44	129	
2020/21-2	Lab	srgt method blank	2/27/2021	Organic	p-Terphenyl-d14	n/a	=	4.81	µg/L	EPA 8270C	-88	-88			
2020/21-2	Lab	srgt method blank, rec	2/27/2021	Organic	p-Terphenyl-d14	n/a	=	96	%	EPA 8270C	-88	-88	19	134	
2020/21-2	Lab	srgt LCS	2/27/2021	Organic	p-Terphenyl-d14	n/a	=	5.1	µg/L	EPA 8270C	-88	-88			
2020/21-2	Lab	srgt LCS, rec	2/27/2021	Organic	p-Terphenyl-d14	n/a	=	102	%	EPA 8270C	-88	-88	19	134	
2020/21-2	Lab	srgt LCS dup	2/27/2021	Organic	p-Terphenyl-d14	n/a	=	5.07	µg/L	EPA 8270C	-88	-88			
2020/21-2	Lab	srgt LCS dup, rec	2/27/2021	Organic	p-Terphenyl-d14	n/a	=	101	%	EPA 8270C	-88	-88	19	134	
2020/21-2	ME-CC	srgt environ	2/9/2021	Organic	p-Terphenyl-d14	n/a	=	52.2	µg/L	EPA 625.1	-88	-88			
2020/21-2	ME-CC	srgt environ, rec	2/9/2021	Organic	p-Terphenyl-d14	n/a	=	104	%	EPA 625.1	-88	-88	44	129	
2020/21-2	ME-CC	srgt environ	2/27/2021	Organic	p-Terphenyl-d14	n/a	=	49.3	µg/L	EPA 8270C	-88	-88			
2020/21-2	ME-CC	srgt environ, rec	2/27/2021	Organic	p-Terphenyl-d14	n/a	=	99	%	EPA 8270C	-88	-88	19	134	
2020/21-2	ME-SCR	srgt environ	2/9/2021	Organic	p-Terphenyl-d14	n/a	=	212	µg/L	EPA 625.1	-88	-88			
2020/21-2	ME-SCR	srgt environ, rec	2/9/2021	Organic	p-Terphenyl-d14	n/a	=	85	%	EPA 625.1	-88	-88	44	129	
2020/21-2	ME-SCR	srgt environ	2/27/2021	Organic	p-Terphenyl-d14	n/a	=	222	µg/L	EPA 8270C	-88	-88			
2020/21-2	ME-SCR	srgt environ, rec	2/27/2021	Organic	p-Terphenyl-d14	n/a	=	89	%	EPA 8270C	-88	-88	19	134	
2020/21-2	ME-VR2	srgt environ	2/9/2021	Organic	p-Terphenyl-d14	n/a	=	5.33	µg/L	EPA 625.1	-88	-88			
2020/21-2	ME-VR2	srgt environ, rec	2/9/2021	Organic	p-Terphenyl-d14	n/a	=	107	%	EPA 625.1	-88	-88	44	129	
2020/21-2	ME-VR2	srgt environ	2/27/2021	Organic	p-Terphenyl-d14	n/a	=	5.01	µg/L	EPA 8270C	-88	-88			
2020/21-2	ME-VR2	srgt environ, rec	2/27/2021	Organic	p-Terphenyl-d14	n/a	=	100	%	EPA 8270C	-88	-88	19	134	
2020/21-2	MO-CAM	srgt environ	2/9/2021	Organic	p-Terphenyl-d14	n/a	=	4.54	µg/L	EPA 625.1	-88	-88			
2020/21-2	MO-CAM	srgt environ, rec	2/9/2021	Organic	p-Terphenyl-d14	n/a	=	91	%	EPA 625.1	-88	-88	44	129	
2020/21-2	MO-CAM	srgt environ	2/27/2021	Organic	p-Terphenyl-d14	n/a	=	4.81	µg/L	EPA 8270C	-88	-88			
2020/21-2	MO-CAM	srgt environ, rec	2/27/2021	Organic	p-Terphenyl-d14	n/a	=	96	%	EPA 8270C	-88	-88	19	134	
2020/21-2	MO-FIL	srgt environ	2/10/2021	Organic	p-Terphenyl-d14	n/a	=	4.6	µg/L	EPA 625.1	-88	-88			
2020/21-2	MO-FIL	srgt environ, rec	2/10/2021	Organic	p-Terphenyl-d14	n/a	=	92	%	EPA 625.1	-88	-88	44	129	
2020/21-2	MO-FIL	srgt environ	2/27/2021	Organic	p-Terphenyl-d14	n/a	=	4.71	µg/L	EPA 8270C	-88	-88			
2020/21-2	MO-FIL	srgt environ, rec	2/27/2021	Organic	p-Terphenyl-d14	n/a	=	94	%	EPA 8270C	-88	-88	19	134	
2020/21-2	MO-HUE	srgt environ	2/10/2021	Organic	p-Terphenyl-d14	n/a	=	4.9	µg/L	EPA 625.1	-88	-88			
2020/21-2	MO-HUE	srgt environ, rec	2/10/2021	Organic	p-Terphenyl-d14	n/a	=	98	%	EPA 625.1	-88	-88	44	129	
2020/21-2	MO-HUE	srgt environ	2/27/2021	Organic	p-Terphenyl-d14	n/a	=	4.24	µg/L	EPA 8270C	-88	-88			
2020/21-2	MO-HUE	srgt environ, rec	2/27/2021	Organic	p-Terphenyl-d14	n/a	=	85	%	EPA 8270C	-88	-88	19	134	
2020/21-2	MO-MEI	srgt environ	2/9/2021	Organic	p-Terphenyl-d14	n/a	=	50.2	µg/L	EPA 625.1	-88	-88			
2020/21-2	MO-MEI	srgt environ, rec	2/9/2021	Organic	p-Terphenyl-d14	n/a	=	100	%	EPA 625.1	-88	-88	44	129	
2020/21-2	MO-MEI	srgt environ	2/27/2021	Organic	p-Terphenyl-d14	n/a	=	48.8	µg/L	EPA 8270C	-88	-88			
2020/21-2	MO-MEI	srgt environ, rec	2/27/2021	Organic	p-Terphenyl-d14	n/a	=	98	%	EPA 8270C	-88	-88	19	134	
2020/21-2	MO-MPK	srgt environ	2/10/2021	Organic	p-Terphenyl-d14	n/a	=	49.8	µg/L	EPA 625.1	-88	-88			
2020/21-2	MO-MPK	srgt environ, rec	2/10/2021	Organic	p-Terphenyl-d14	n/a	=	100	%	EPA 625.1	-88	-88	44	129	
2020/21-2	MO-MPK	srgt environ	2/27/2021	Organic	p-Terphenyl-d14	n/a	=	50.5	µg/L	EPA 8270C	-88	-88			
2020/21-2	MO-MPK	srgt environ, rec	2/27/2021	Organic	p-Terphenyl-d14	n/a	=	101	%	EPA 8270C	-88	-88	19	134	
2020/21-2	MO-OJA	srgt environ	2/9/2021	Organic	p-Terphenyl-d14	n/a	=	49.5	µg/L	EPA 625.1	-88	-88			
2020/21-2	MO-OJA	srgt environ, rec	2/9/2021	Organic	p-Terphenyl-d14	n/a	=	99	%	EPA 625.1	-88	-88	44	129	
2020/21-2	MO-OJA	srgt environ	2/27/2021	Organic	p-Terphenyl-d14	n/a	=	47.1	µg/L	EPA 8270C	-88	-88			
2020/21-2	MO-OJA	srgt environ, rec	2/27/2021	Organic	p-Terphenyl-d14	n/a	=	94	%	EPA 8270C	-88	-88	19	134	
2020/21-2	MO-OXN	srgt environ	2/9/2021	Organic	p-Terphenyl-d14	n/a	=	46.4	µg/L	EPA 625.1	-88	-88			
2020/21-2	MO-OXN	srgt environ, rec	2/9/2021	Organic	p-Terphenyl-d14	n/a	=	93	%	EPA 625.1	-88	-88	44	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	
2020/21-2	MO-OXN	srgt environ	2/27/2021	Organic	p-Terphenyl-d14	n/a	=	45	µg/L	EPA 8270C	-88	-88			
2020/21-2	MO-OXN	srgt environ, rec	2/27/2021	Organic	p-Terphenyl-d14	n/a	=	90	%	EPA 8270C	-88	-88	19	134	
2020/21-2	MO-SIM	srgt environ	2/9/2021	Organic	p-Terphenyl-d14	n/a	=	47.8	µg/L	EPA 625.1	-88	-88			
2020/21-2	MO-SIM	srgt environ, rec	2/9/2021	Organic	p-Terphenyl-d14	n/a	=	96	%	EPA 625.1	-88	-88	44	129	
2020/21-2	MO-SIM	srgt environ	2/27/2021	Organic	p-Terphenyl-d14	n/a	=	51.5	µg/L	EPA 8270C	-88	-88			
2020/21-2	MO-SIM	srgt environ, rec	2/27/2021	Organic	p-Terphenyl-d14	n/a	=	103	%	EPA 8270C	-88	-88	19	134	
2020/21-2	MO-SPA	srgt environ	2/9/2021	Organic	p-Terphenyl-d14	n/a	=	46.4	µg/L	EPA 625.1	-88	-88			
2020/21-2	MO-SPA	srgt environ, rec	2/9/2021	Organic	p-Terphenyl-d14	n/a	=	93	%	EPA 625.1	-88	-88	44	129	
2020/21-2	MO-SPA	srgt environ	2/27/2021	Organic	p-Terphenyl-d14	n/a	=	46.1	µg/L	EPA 8270C	-88	-88			
2020/21-2	MO-SPA	srgt environ, rec	2/27/2021	Organic	p-Terphenyl-d14	n/a	=	92	%	EPA 8270C	-88	-88	19	134	
2020/21-2	MO-THO	srgt environ	2/9/2021	Organic	p-Terphenyl-d14	n/a	=	75.1	µg/L	EPA 625.1	-88	-88			
2020/21-2	MO-THO	srgt environ, rec	2/9/2021	Organic	p-Terphenyl-d14	n/a	=	75	%	EPA 625.1	-88	-88	44	129	
2020/21-2	MO-THO	srgt environ	2/27/2021	Organic	p-Terphenyl-d14	n/a	=	77.5	µg/L	EPA 8270C	-88	-88			
2020/21-2	MO-THO	srgt environ, rec	2/27/2021	Organic	p-Terphenyl-d14	n/a	=	77	%	EPA 8270C	-88	-88	19	134	
2020/21-2	MO-VEN	srgt environ	2/9/2021	Organic	p-Terphenyl-d14	n/a	=	50.2	µg/L	EPA 625.1	-88	-88			
2020/21-2	MO-VEN	srgt environ, rec	2/9/2021	Organic	p-Terphenyl-d14	n/a	=	100	%	EPA 625.1	-88	-88	44	129	
2020/21-2	MO-VEN	srgt environ	2/27/2021	Organic	p-Terphenyl-d14	n/a	=	50.1	µg/L	EPA 8270C	-88	-88			
2020/21-2	MO-VEN	srgt environ, rec	2/27/2021	Organic	p-Terphenyl-d14	n/a	=	100	%	EPA 8270C	-88	-88	19	134	
2020/21-2	Lab	LCS	2/9/2021	Organic	Pyrene	n/a	=	10.6	µg/L	EPA 625.1	0.25	1			
2020/21-2	Lab	LCS, rec	2/9/2021	Organic	Pyrene	n/a	=	106	%	EPA 625.1	-88	-88	70	120	
2020/21-2	Lab	LCS dup	2/9/2021	Organic	Pyrene	n/a	=	10.8	µg/L	EPA 625.1	0.25	1			
2020/21-2	Lab	LCS dup, rec	2/9/2021	Organic	Pyrene	n/a	=	108	%	EPA 625.1	-88	-88	70	120	
2020/21-2	Lab	LCS, RPD	2/9/2021	Organic	Pyrene	n/a	=	2	%	EPA 625.1	-88	-88	0	30	
2020/21-2	Lab	method blank	2/9/2021	Organic	Pyrene	n/a	<	0.25	µg/L	EPA 625.1	0.25	1			
2020/21-2	Lab	method blank	2/27/2021	Organic	Pyrene	n/a	<	0.04	µg/L	EPA 8270C	0.04	0.1			
2020/21-2	Lab	LCS	2/27/2021	Organic	Pyrene	n/a	=	10.6	µg/L	EPA 8270C	0.04	0.1			
2020/21-2	Lab	LCS, rec	2/27/2021	Organic	Pyrene	n/a	=	106	%	EPA 8270C	-88	-88	26	128	
2020/21-2	Lab	LCS dup	2/27/2021	Organic	Pyrene	n/a	=	10.4	µg/L	EPA 8270C	0.04	0.1			
2020/21-2	Lab	LCS dup, rec	2/27/2021	Organic	Pyrene	n/a	=	104	%	EPA 8270C	-88	-88	26	128	
2020/21-2	Lab	LCS, RPD	2/27/2021	Organic	Pyrene	n/a	=	2	%	EPA 8270C	-88	-88	0	30	
2020/21-2	Lab	srgt method blank	2/16/2021	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0798	µg/L	EPA 608.3	-88	-88			
2020/21-2	Lab	srgt method blank, rec	2/16/2021	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	80	%	EPA 608.3	-88	-88	32	130	
2020/21-2	Lab	srgt LCS	2/16/2021	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0662	µg/L	EPA 608.3	-88	-88			
2020/21-2	Lab	srgt LCS, rec	2/16/2021	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	66	%	EPA 608.3	-88	-88	32	130	
2020/21-2	Lab	srgt LCS dup	2/16/2021	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0669	µg/L	EPA 608.3	-88	-88			
2020/21-2	Lab	srgt LCS dup, rec	2/16/2021	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	67	%	EPA 608.3	-88	-88	32	130	
2020/21-2	ME-CC	srgt environ	2/16/2021	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.592	µg/L	EPA 608.3	-88	-88			
2020/21-2	ME-CC	srgt environ, rec	2/16/2021	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	59	%	EPA 608.3	-88	-88	35	111	
2020/21-2	ME-SCR	srgt environ	2/16/2021	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	1.4	µg/L	EPA 608.3	-88	-88			
2020/21-2	ME-SCR	srgt environ, rec	2/16/2021	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	70	%	EPA 608.3	-88	-88	35	111	
2020/21-2	ME-VR2	srgt environ	2/16/2021	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0706	µg/L	EPA 608.3	-88	-88			
2020/21-2	ME-VR2	srgt environ, rec	2/16/2021	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	71	%	EPA 608.3	-88	-88	35	111	
2020/21-2	MO-CAM	srgt environ	2/16/2021	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0698	µg/L	EPA 608.3	-88	-88			
2020/21-2	MO-CAM	srgt environ, rec	2/16/2021	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	70	%	EPA 608.3	-88	-88	35	111	
2020/21-2	MO-FIL	srgt environ	2/16/2021	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0968	µg/L	EPA 608.3	-88	-88			
2020/21-2	MO-FIL	srgt environ, rec	2/16/2021	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	97	%	EPA 608.3	-88	-88	35	111	
2020/21-2	MO-HUE	srgt environ	2/17/2021	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0559	µg/L	EPA 608.3	-88	-88			

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2020/21-2	MO-HUE	srgt environ, rec	2/17/2021	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	56	%	EPA 608.3	-88	-88	35	111	
2020/21-2	MO-MEI	srgt environ	2/16/2021	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.655	µg/L	EPA 608.3	-88	-88			
2020/21-2	MO-MEI	srgt environ, rec	2/16/2021	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	66	%	EPA 608.3	-88	-88	35	111	
2020/21-2	MO-MPK	srgt environ	2/17/2021	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.547	µg/L	EPA 608.3	-88	-88			
2020/21-2	MO-MPK	srgt environ, rec	2/17/2021	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	55	%	EPA 608.3	-88	-88	35	111	
2020/21-2	MO-OJA	srgt environ	2/16/2021	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.649	µg/L	EPA 608.3	-88	-88			
2020/21-2	MO-OJA	srgt environ, rec	2/16/2021	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	65	%	EPA 608.3	-88	-88	35	111	
2020/21-2	MO-OXN	srgt environ	2/17/2021	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.071	µg/L	EPA 608.3	-88	-88			
2020/21-2	MO-OXN	srgt environ, rec	2/17/2021	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	71	%	EPA 608.3	-88	-88	35	111	
2020/21-2	MO-SIM	srgt environ	2/16/2021	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.639	µg/L	EPA 608.3	-88	-88			
2020/21-2	MO-SIM	srgt environ, rec	2/16/2021	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	64	%	EPA 608.3	-88	-88	35	111	
2020/21-2	MO-SPA	srgt environ	2/16/2021	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0595	µg/L	EPA 608.3	-88	-88			
2020/21-2	MO-SPA	srgt environ, rec	2/16/2021	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	60	%	EPA 608.3	-88	-88	35	111	
2020/21-2	MO-THO	srgt environ	2/17/2021	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.71	µg/L	EPA 608.3	-88	-88			
2020/21-2	MO-THO	srgt environ, rec	2/17/2021	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	71	%	EPA 608.3	-88	-88	35	111	
2020/21-2	MO-VEN	srgt environ	2/16/2021	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0731	µg/L	EPA 608.3	-88	-88			
2020/21-2	MO-VEN	srgt environ, rec	2/16/2021	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	73	%	EPA 608.3	-88	-88	35	111	
2020/21-2	Lab	srgt LCS	1/31/2021	Organic	Toluene-d8	n/a	=	50.2	µg/L	EPA 624.1	-88	-88			
2020/21-2	Lab	srgt LCS, rec	1/31/2021	Organic	Toluene-d8	n/a	=	100	%	EPA 624.1	-88	-88	92	112	
2020/21-2	Lab	srgt LCS dup	1/31/2021	Organic	Toluene-d8	n/a	=	51.4	µg/L	EPA 624.1	-88	-88			
2020/21-2	Lab	srgt LCS dup, rec	1/31/2021	Organic	Toluene-d8	n/a	=	103	%	EPA 624.1	-88	-88	92	112	
2020/21-2	Lab	srgt method blank	1/31/2021	Organic	Toluene-d8	n/a	=	49.9	µg/L	EPA 624.1	-88	-88			
2020/21-2	Lab	srgt method blank, rec	1/31/2021	Organic	Toluene-d8	n/a	=	100	%	EPA 624.1	-88	-88	92	112	
2020/21-2	ME-CC	srgt environ	1/31/2021	Organic	Toluene-d8	n/a	=	50	µg/L	EPA 624.1	-88	-88			
2020/21-2	ME-CC	srgt environ, rec	1/31/2021	Organic	Toluene-d8	n/a	=	100	%	EPA 624.1	-88	-88	92	112	
2020/21-2	ME-SCR	srgt environ	1/31/2021	Organic	Toluene-d8	n/a	=	48.9	µg/L	EPA 624.1	-88	-88			
2020/21-2	ME-SCR	srgt environ, rec	1/31/2021	Organic	Toluene-d8	n/a	=	98	%	EPA 624.1	-88	-88	92	112	
2020/21-2	ME-VR2	srgt environ	1/31/2021	Organic	Toluene-d8	n/a	=	50.4	µg/L	EPA 624.1	-88	-88			
2020/21-2	ME-VR2	srgt environ, rec	1/31/2021	Organic	Toluene-d8	n/a	=	101	%	EPA 624.1	-88	-88	92	112	
2020/21-2	MO-CAM	srgt environ	1/31/2021	Organic	Toluene-d8	n/a	=	50.4	µg/L	EPA 624.1	-88	-88			
2020/21-2	MO-CAM	srgt environ, rec	1/31/2021	Organic	Toluene-d8	n/a	=	101	%	EPA 624.1	-88	-88	92	112	
2020/21-2	MO-FIL	srgt environ	1/31/2021	Organic	Toluene-d8	n/a	=	49.7	µg/L	EPA 624.1	-88	-88			
2020/21-2	MO-FIL	srgt environ, rec	1/31/2021	Organic	Toluene-d8	n/a	=	99	%	EPA 624.1	-88	-88	92	112	
2020/21-2	MO-HUE	srgt environ	1/31/2021	Organic	Toluene-d8	n/a	=	51	µg/L	EPA 624.1	-88	-88			
2020/21-2	MO-HUE	srgt environ, rec	1/31/2021	Organic	Toluene-d8	n/a	=	102	%	EPA 624.1	-88	-88	92	112	
2020/21-2	MO-MEI	srgt environ	1/31/2021	Organic	Toluene-d8	n/a	=	49.9	µg/L	EPA 624.1	-88	-88			
2020/21-2	MO-MEI	srgt environ, rec	1/31/2021	Organic	Toluene-d8	n/a	=	100	%	EPA 624.1	-88	-88	92	112	
2020/21-2	MO-MPK	srgt environ	1/31/2021	Organic	Toluene-d8	n/a	=	50.1	µg/L	EPA 624.1	-88	-88			
2020/21-2	MO-MPK	srgt environ, rec	1/31/2021	Organic	Toluene-d8	n/a	=	100	%	EPA 624.1	-88	-88	92	112	
2020/21-2	MO-MPK	srgt field blank	1/31/2021	Organic	Toluene-d8	n/a	=	50	µg/L	EPA 624.1	-88	-88			
2020/21-2	MO-MPK	srgt field blank, rec	1/31/2021	Organic	Toluene-d8	n/a	=	100	%	EPA 624.1	-88	-88	92	112	
2020/21-2	MO-OJA	srgt environ	1/31/2021	Organic	Toluene-d8	n/a	=	50.3	µg/L	EPA 624.1	-88	-88			
2020/21-2	MO-OJA	srgt environ, rec	1/31/2021	Organic	Toluene-d8	n/a	=	101	%	EPA 624.1	-88	-88	92	112	
2020/21-2	MO-OXN	srgt environ	1/31/2021	Organic	Toluene-d8	n/a	=	50.2	µg/L	EPA 624.1	-88	-88			
2020/21-2	MO-OXN	srgt environ, rec	1/31/2021	Organic	Toluene-d8	n/a	=	100	%	EPA 624.1	-88	-88	92	112	
2020/21-2	MO-SIM	srgt environ	1/31/2021	Organic	Toluene-d8	n/a	=	50.1	µg/L	EPA 624.1	-88	-88			
2020/21-2	MO-SIM	srgt environ, rec	1/31/2021	Organic	Toluene-d8	n/a	=	100	%	EPA 624.1	-88	-88	92	112	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2020/21-2	MO-SPA	srgt environ	1/31/2021	Organic	Toluene-d8	n/a	=	50.6	µg/L	EPA 624.1	-88	-88			
2020/21-2	MO-SPA	srgt environ, rec	1/31/2021	Organic	Toluene-d8	n/a	=	101	%	EPA 624.1	-88	-88	92	112	
2020/21-2	MO-THO	srgt field duplicate	1/31/2021	Organic	Toluene-d8	n/a	=	50.5	µg/L	EPA 624.1	-88	-88			
2020/21-2	MO-THO	srgt field duplicate, rec	1/31/2021	Organic	Toluene-d8	n/a	=	101	%	EPA 624.1	-88	-88	92	112	
2020/21-2	MO-THO	srgt environ	1/31/2021	Organic	Toluene-d8	n/a	=	49.5	µg/L	EPA 624.1	-88	-88			
2020/21-2	MO-THO	srgt environ, rec	1/31/2021	Organic	Toluene-d8	n/a	=	99	%	EPA 624.1	-88	-88	92	112	
2020/21-2	MO-VEN	srgt environ	1/31/2021	Organic	Toluene-d8	n/a	=	50.1	µg/L	EPA 624.1	-88	-88			
2020/21-2	MO-VEN	srgt environ, rec	1/31/2021	Organic	Toluene-d8	n/a	=	100	%	EPA 624.1	-88	-88	92	112	
2020/21-2	000NONPJ	srgt matrix spike	2/3/2021	Organic	Triphenylphosphate	n/a	=	3.8	µg/L	EPA 625.1m	-88	-88			
2020/21-2	000NONPJ	srgt matrix spike, rec	2/3/2021	Organic	Triphenylphosphate	n/a	=	152	%	EPA 625.1m	-88	-88	34	164	
2020/21-2	000NONPJ	srgt matrix spike dup	2/3/2021	Organic	Triphenylphosphate	n/a	=	3.52	µg/L	EPA 625.1m	-88	-88			
2020/21-2	000NONPJ	srgt matrix spike dup, rec	2/3/2021	Organic	Triphenylphosphate	n/a	=	141	%	EPA 625.1m	-88	-88	34	164	
2020/21-2	000NONPJ	srgt matrix spike	2/12/2021	Organic	Triphenylphosphate	n/a	=	5.4	µg/L	EPA 525.2	-88	-88			
2020/21-2	000NONPJ	srgt matrix spike, rec	2/12/2021	Organic	Triphenylphosphate	n/a	=	108	%	EPA 525.2	-88	-88	70	130	
2020/21-2	000NONPJ	srgt matrix spike dup	2/12/2021	Organic	Triphenylphosphate	n/a	=	5.39	µg/L	EPA 525.2	-88	-88			
2020/21-2	000NONPJ	srgt matrix spike dup, rec	2/12/2021	Organic	Triphenylphosphate	n/a	=	108	%	EPA 525.2	-88	-88	70	130	
2020/21-2	Lab	srgt method blank	2/3/2021	Organic	Triphenylphosphate	n/a	=	0.568	µg/L	EPA 625.1m	-88	-88			
2020/21-2	Lab	srgt method blank, rec	2/3/2021	Organic	Triphenylphosphate	n/a	=	114	%	EPA 625.1m	-88	-88	50	150	
2020/21-2	Lab	srgt LCS	2/3/2021	Organic	Triphenylphosphate	n/a	=	0.569	µg/L	EPA 625.1m	-88	-88			
2020/21-2	Lab	srgt LCS, rec	2/3/2021	Organic	Triphenylphosphate	n/a	=	114	%	EPA 625.1m	-88	-88	50	150	
2020/21-2	Lab	srgt method blank	2/11/2021	Organic	Triphenylphosphate	n/a	=	4.84	µg/L	EPA 525.2	-88	-88			
2020/21-2	Lab	srgt method blank, rec	2/11/2021	Organic	Triphenylphosphate	n/a	=	97	%	EPA 525.2	-88	-88	70	130	
2020/21-2	Lab	srgt LCS dup	2/11/2021	Organic	Triphenylphosphate	n/a	=	5.34	µg/L	EPA 525.2	-88	-88			
2020/21-2	Lab	srgt LCS dup, rec	2/11/2021	Organic	Triphenylphosphate	n/a	=	107	%	EPA 525.2	-88	-88	70	130	
2020/21-2	Lab	srgt LCS	2/11/2021	Organic	Triphenylphosphate	n/a	=	5.54	µg/L	EPA 525.2	-88	-88			
2020/21-2	Lab	srgt LCS, rec	2/11/2021	Organic	Triphenylphosphate	n/a	=	111	%	EPA 525.2	-88	-88	70	130	
2020/21-2	Lab	srgt LCS	2/11/2021	Organic	Triphenylphosphate	n/a	=	5.15	µg/L	EPA 525.2	-88	-88			
2020/21-2	Lab	srgt LCS, rec	2/11/2021	Organic	Triphenylphosphate	n/a	=	103	%	EPA 525.2	-88	-88	70	130	
2020/21-2	Lab	srgt LCS dup	2/12/2021	Organic	Triphenylphosphate	n/a	=	5.27	µg/L	EPA 525.2	-88	-88			
2020/21-2	Lab	srgt LCS dup, rec	2/12/2021	Organic	Triphenylphosphate	n/a	=	105	%	EPA 525.2	-88	-88	70	130	
2020/21-2	Lab	srgt method blank	2/12/2021	Organic	Triphenylphosphate	n/a	=	5.05	µg/L	EPA 525.2	-88	-88			
2020/21-2	Lab	srgt method blank, rec	2/12/2021	Organic	Triphenylphosphate	n/a	=	101	%	EPA 525.2	-88	-88	70	130	
2020/21-2	Lab	srgt LCS	2/12/2021	Organic	Triphenylphosphate	n/a	=	5.3	µg/L	EPA 525.2	-88	-88			
2020/21-2	Lab	srgt LCS, rec	2/12/2021	Organic	Triphenylphosphate	n/a	=	106	%	EPA 525.2	-88	-88	70	130	
2020/21-2	Lab	srgt LCS dup	2/12/2021	Organic	Triphenylphosphate	n/a	=	5.63	µg/L	EPA 525.2	-88	-88			
2020/21-2	Lab	srgt LCS dup, rec	2/12/2021	Organic	Triphenylphosphate	n/a	=	113	%	EPA 525.2	-88	-88	70	130	
2020/21-2	Lab	srgt LCS	2/12/2021	Organic	Triphenylphosphate	n/a	=	5.31	µg/L	EPA 525.2	-88	-88			
2020/21-2	Lab	srgt LCS, rec	2/12/2021	Organic	Triphenylphosphate	n/a	=	106	%	EPA 525.2	-88	-88	70	130	
2020/21-2	Lab	srgt LCS dup	2/12/2021	Organic	Triphenylphosphate	n/a	=	5.35	µg/L	EPA 525.2	-88	-88			
2020/21-2	Lab	srgt LCS dup, rec	2/12/2021	Organic	Triphenylphosphate	n/a	=	107	%	EPA 525.2	-88	-88	70	130	
2020/21-2	Lab	srgt method blank	2/16/2021	Organic	Triphenylphosphate	n/a	=	5.15	µg/L	EPA 525.2	-88	-88			
2020/21-2	Lab	srgt method blank, rec	2/16/2021	Organic	Triphenylphosphate	n/a	=	103	%	EPA 525.2	-88	-88	70	130	
2020/21-2	Lab	srgt LCS	2/16/2021	Organic	Triphenylphosphate	n/a	=	5.3	µg/L	EPA 525.2	-88	-88			
2020/21-2	Lab	srgt LCS, rec	2/16/2021	Organic	Triphenylphosphate	n/a	=	106	%	EPA 525.2	-88	-88	70	130	
2020/21-2	Lab	srgt LCS dup	2/16/2021	Organic	Triphenylphosphate	n/a	=	5.71	µg/L	EPA 525.2	-88	-88			
2020/21-2	Lab	srgt LCS dup, rec	2/16/2021	Organic	Triphenylphosphate	n/a	=	114	%	EPA 525.2	-88	-88	70	130	
2020/21-2	ME-CC	srgt environ	2/3/2021	Organic	Triphenylphosphate	n/a	=	6.32	µg/L	EPA 625.1m	-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	
2020/21-2	ME-CC	srgt environ, rec	2/3/2021	Organic	Triphenylphosphate	n/a	=	126	%	EPA 625.1m	-88	-88	34	164	
2020/21-2	ME-CC	srgt environ	2/13/2021	Organic	Triphenylphosphate	n/a	=	27.7	µg/L	EPA 525.2	-88	-88			
2020/21-2	ME-CC	srgt environ, rec	2/13/2021	Organic	Triphenylphosphate	n/a	=	111	%	EPA 525.2	-88	-88	70	130	
2020/21-2	ME-SCR	srgt environ	2/3/2021	Organic	Triphenylphosphate	n/a	=	22.3	µg/L	EPA 625.1m	-88	-88			GN
2020/21-2	ME-SCR	srgt environ, rec	2/3/2021	Organic	Triphenylphosphate	n/a	=	223	%	EPA 625.1m	-88	-88	34	164	GN
2020/21-2	ME-SCR	srgt environ	2/16/2021	Organic	Triphenylphosphate	n/a	=	112	µg/L	EPA 525.2	-88	-88			
2020/21-2	ME-SCR	srgt environ, rec	2/16/2021	Organic	Triphenylphosphate	n/a	=	112	%	EPA 525.2	-88	-88	70	130	
2020/21-2	ME-VR2	srgt environ	2/3/2021	Organic	Triphenylphosphate	n/a	=	2.6	µg/L	EPA 625.1m	-88	-88			
2020/21-2	ME-VR2	srgt environ, rec	2/3/2021	Organic	Triphenylphosphate	n/a	=	104	%	EPA 625.1m	-88	-88	34	164	
2020/21-2	ME-VR2	srgt environ	2/12/2021	Organic	Triphenylphosphate	n/a	=	9.81	µg/L	EPA 525.2	-88	-88			
2020/21-2	ME-VR2	srgt environ, rec	2/12/2021	Organic	Triphenylphosphate	n/a	=	98	%	EPA 525.2	-88	-88	70	130	
2020/21-2	MO-CAM	srgt environ	2/3/2021	Organic	Triphenylphosphate	n/a	=	3.17	µg/L	EPA 625.1m	-88	-88			
2020/21-2	MO-CAM	srgt environ, rec	2/3/2021	Organic	Triphenylphosphate	n/a	=	127	%	EPA 625.1m	-88	-88	34	164	
2020/21-2	MO-CAM	srgt environ	2/12/2021	Organic	Triphenylphosphate	n/a	=	27.4	µg/L	EPA 525.2	-88	-88			
2020/21-2	MO-CAM	srgt environ, rec	2/12/2021	Organic	Triphenylphosphate	n/a	=	110	%	EPA 525.2	-88	-88	70	130	
2020/21-2	MO-FIL	srgt environ	2/3/2021	Organic	Triphenylphosphate	n/a	=	2.64	µg/L	EPA 625.1m	-88	-88			
2020/21-2	MO-FIL	srgt environ, rec	2/3/2021	Organic	Triphenylphosphate	n/a	=	106	%	EPA 625.1m	-88	-88	34	164	
2020/21-2	MO-FIL	srgt environ	2/12/2021	Organic	Triphenylphosphate	n/a	=	26.6	µg/L	EPA 525.2	-88	-88			
2020/21-2	MO-FIL	srgt environ, rec	2/12/2021	Organic	Triphenylphosphate	n/a	=	106	%	EPA 525.2	-88	-88	70	130	
2020/21-2	MO-HUE	srgt environ	2/3/2021	Organic	Triphenylphosphate	n/a	=	2.85	µg/L	EPA 625.1m	-88	-88			
2020/21-2	MO-HUE	srgt environ, rec	2/3/2021	Organic	Triphenylphosphate	n/a	=	114	%	EPA 625.1m	-88	-88	34	164	
2020/21-2	MO-HUE	srgt environ	2/12/2021	Organic	Triphenylphosphate	n/a	=	56.8	µg/L	EPA 525.2	-88	-88			
2020/21-2	MO-HUE	srgt environ, rec	2/12/2021	Organic	Triphenylphosphate	n/a	=	114	%	EPA 525.2	-88	-88	70	130	
2020/21-2	MO-MEI	srgt environ	2/3/2021	Organic	Triphenylphosphate	n/a	=	5.97	µg/L	EPA 625.1m	-88	-88			
2020/21-2	MO-MEI	srgt environ, rec	2/3/2021	Organic	Triphenylphosphate	n/a	=	119	%	EPA 625.1m	-88	-88	34	164	
2020/21-2	MO-MEI	srgt environ	2/12/2021	Organic	Triphenylphosphate	n/a	=	53.5	µg/L	EPA 525.2	-88	-88			
2020/21-2	MO-MEI	srgt environ, rec	2/12/2021	Organic	Triphenylphosphate	n/a	=	107	%	EPA 525.2	-88	-88	70	130	
2020/21-2	MO-MPK	srgt environ	2/3/2021	Organic	Triphenylphosphate	n/a	=	3.28	µg/L	EPA 625.1m	-88	-88			
2020/21-2	MO-MPK	srgt environ, rec	2/3/2021	Organic	Triphenylphosphate	n/a	=	131	%	EPA 625.1m	-88	-88	34	164	
2020/21-2	MO-MPK	srgt environ	2/12/2021	Organic	Triphenylphosphate	n/a	=	58.2	µg/L	EPA 525.2	-88	-88			
2020/21-2	MO-MPK	srgt environ, rec	2/12/2021	Organic	Triphenylphosphate	n/a	=	116	%	EPA 525.2	-88	-88	70	130	
2020/21-2	MO-OJA	srgt environ	2/3/2021	Organic	Triphenylphosphate	n/a	=	5.66	µg/L	EPA 625.1m	-88	-88			
2020/21-2	MO-OJA	srgt environ, rec	2/3/2021	Organic	Triphenylphosphate	n/a	=	113	%	EPA 625.1m	-88	-88	34	164	
2020/21-2	MO-OJA	srgt environ	2/12/2021	Organic	Triphenylphosphate	n/a	=	53.8	µg/L	EPA 525.2	-88	-88			
2020/21-2	MO-OJA	srgt environ, rec	2/12/2021	Organic	Triphenylphosphate	n/a	=	108	%	EPA 525.2	-88	-88	70	130	
2020/21-2	MO-OXN	srgt environ	2/3/2021	Organic	Triphenylphosphate	n/a	=	6.06	µg/L	EPA 625.1m	-88	-88			
2020/21-2	MO-OXN	srgt environ, rec	2/3/2021	Organic	Triphenylphosphate	n/a	=	121	%	EPA 625.1m	-88	-88	34	164	
2020/21-2	MO-OXN	srgt environ	2/13/2021	Organic	Triphenylphosphate	n/a	=	29.8	µg/L	EPA 525.2	-88	-88			
2020/21-2	MO-OXN	srgt environ, rec	2/13/2021	Organic	Triphenylphosphate	n/a	=	119	%	EPA 525.2	-88	-88	70	130	
2020/21-2	MO-SIM	srgt environ	2/3/2021	Organic	Triphenylphosphate	n/a	=	3.12	µg/L	EPA 625.1m	-88	-88			
2020/21-2	MO-SIM	srgt environ, rec	2/3/2021	Organic	Triphenylphosphate	n/a	=	125	%	EPA 625.1m	-88	-88	34	164	
2020/21-2	MO-SIM	srgt environ	2/12/2021	Organic	Triphenylphosphate	n/a	=	55.1	µg/L	EPA 525.2	-88	-88			
2020/21-2	MO-SIM	srgt environ, rec	2/12/2021	Organic	Triphenylphosphate	n/a	=	110	%	EPA 525.2	-88	-88	70	130	
2020/21-2	MO-SPA	srgt environ	2/3/2021	Organic	Triphenylphosphate	n/a	=	3.32	µg/L	EPA 625.1m	-88	-88			
2020/21-2	MO-SPA	srgt environ, rec	2/3/2021	Organic	Triphenylphosphate	n/a	=	133	%	EPA 625.1m	-88	-88	34	164	
2020/21-2	MO-SPA	srgt environ	2/12/2021	Organic	Triphenylphosphate	n/a	=	56.1	µg/L	EPA 525.2	-88	-88			
2020/21-2	MO-SPA	srgt environ, rec	2/12/2021	Organic	Triphenylphosphate	n/a	=	112	%	EPA 525.2	-88	-88	70	130	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2020/21-2	MO-THO	srgt environ	2/3/2021	Organic	Triphenylphosphate	n/a	=	6.65	µg/L	EPA 625.1m	-88	-88			
2020/21-2	MO-THO	srgt environ, rec	2/3/2021	Organic	Triphenylphosphate	n/a	=	133	%	EPA 625.1m	-88	-88	34	164	
2020/21-2	MO-THO	srgt environ	2/12/2021	Organic	Triphenylphosphate	n/a	=	57.4	µg/L	EPA 525.2	-88	-88			
2020/21-2	MO-THO	srgt environ, rec	2/12/2021	Organic	Triphenylphosphate	n/a	=	115	%	EPA 525.2	-88	-88	70	130	
2020/21-2	MO-VEN	srgt environ	2/3/2021	Organic	Triphenylphosphate	n/a	=	2.91	µg/L	EPA 625.1m	-88	-88			
2020/21-2	MO-VEN	srgt environ, rec	2/3/2021	Organic	Triphenylphosphate	n/a	=	116	%	EPA 625.1m	-88	-88	34	164	
2020/21-2	MO-VEN	srgt environ	2/12/2021	Organic	Triphenylphosphate	n/a	=	54.4	µg/L	EPA 525.2	-88	-88			
2020/21-2	MO-VEN	srgt environ, rec	2/12/2021	Organic	Triphenylphosphate	n/a	=	109	%	EPA 525.2	-88	-88	70	130	
2020/21-2	Lab	srgt method blank	2/16/2021	PCB	PCB 209	n/a	=	0.119	µg/L	EPA 608.3	-88	-88			
2020/21-2	Lab	srgt method blank, rec	2/16/2021	PCB	PCB 209	n/a	=	119	%	EPA 608.3	-88	-88	33	133	
2020/21-2	Lab	srgt LCS	2/16/2021	PCB	PCB 209	n/a	=	0.113	µg/L	EPA 608.3	-88	-88			
2020/21-2	Lab	srgt LCS, rec	2/16/2021	PCB	PCB 209	n/a	=	113	%	EPA 608.3	-88	-88	33	133	
2020/21-2	Lab	srgt LCS dup	2/16/2021	PCB	PCB 209	n/a	=	0.111	µg/L	EPA 608.3	-88	-88			
2020/21-2	Lab	srgt LCS dup, rec	2/16/2021	PCB	PCB 209	n/a	=	111	%	EPA 608.3	-88	-88	33	133	
2020/21-2	ME-CC	srgt environ	2/16/2021	PCB	PCB 209	n/a	=	0.946	µg/L	EPA 608.3	-88	-88			
2020/21-2	ME-CC	srgt environ, rec	2/16/2021	PCB	PCB 209	n/a	=	95	%	EPA 608.3	-88	-88	34	125	
2020/21-2	ME-SCR	srgt environ	2/16/2021	PCB	PCB 209	n/a	=	1.28	µg/L	EPA 608.3	-88	-88			
2020/21-2	ME-SCR	srgt environ, rec	2/16/2021	PCB	PCB 209	n/a	=	64	%	EPA 608.3	-88	-88	34	125	
2020/21-2	ME-VR2	srgt environ	2/16/2021	PCB	PCB 209	n/a	=	0.092	µg/L	EPA 608.3	-88	-88			
2020/21-2	ME-VR2	srgt environ, rec	2/16/2021	PCB	PCB 209	n/a	=	92	%	EPA 608.3	-88	-88	34	125	
2020/21-2	MO-CAM	srgt environ	2/16/2021	PCB	PCB 209	n/a	=	0.0891	µg/L	EPA 608.3	-88	-88			
2020/21-2	MO-CAM	srgt environ, rec	2/16/2021	PCB	PCB 209	n/a	=	89	%	EPA 608.3	-88	-88	34	125	
2020/21-2	MO-FIL	srgt environ	2/16/2021	PCB	PCB 209	n/a	=	0.0922	µg/L	EPA 608.3	-88	-88			
2020/21-2	MO-FIL	srgt environ, rec	2/16/2021	PCB	PCB 209	n/a	=	92	%	EPA 608.3	-88	-88	34	125	
2020/21-2	MO-HUE	srgt environ	2/17/2021	PCB	PCB 209	n/a	=	0.0706	µg/L	EPA 608.3	-88	-88			
2020/21-2	MO-HUE	srgt environ, rec	2/17/2021	PCB	PCB 209	n/a	=	71	%	EPA 608.3	-88	-88	34	125	
2020/21-2	MO-MEI	srgt environ	2/16/2021	PCB	PCB 209	n/a	=	0.988	µg/L	EPA 608.3	-88	-88			
2020/21-2	MO-MEI	srgt environ, rec	2/16/2021	PCB	PCB 209	n/a	=	99	%	EPA 608.3	-88	-88	34	125	
2020/21-2	MO-MPK	srgt environ	2/17/2021	PCB	PCB 209	n/a	=	1.03	µg/L	EPA 608.3	-88	-88			
2020/21-2	MO-MPK	srgt environ, rec	2/17/2021	PCB	PCB 209	n/a	=	103	%	EPA 608.3	-88	-88	34	125	
2020/21-2	MO-OJA	srgt environ	2/16/2021	PCB	PCB 209	n/a	=	0.991	µg/L	EPA 608.3	-88	-88			
2020/21-2	MO-OJA	srgt environ, rec	2/16/2021	PCB	PCB 209	n/a	=	99	%	EPA 608.3	-88	-88	34	125	
2020/21-2	MO-OXN	srgt environ	2/17/2021	PCB	PCB 209	n/a	=	0.0793	µg/L	EPA 608.3	-88	-88			
2020/21-2	MO-OXN	srgt environ, rec	2/17/2021	PCB	PCB 209	n/a	=	79	%	EPA 608.3	-88	-88	34	125	
2020/21-2	MO-SIM	srgt environ	2/16/2021	PCB	PCB 209	n/a	=	0.894	µg/L	EPA 608.3	-88	-88			
2020/21-2	MO-SIM	srgt environ, rec	2/16/2021	PCB	PCB 209	n/a	=	89	%	EPA 608.3	-88	-88	34	125	
2020/21-2	MO-SPA	srgt environ	2/16/2021	PCB	PCB 209	n/a	=	0.074	µg/L	EPA 608.3	-88	-88			
2020/21-2	MO-SPA	srgt environ, rec	2/16/2021	PCB	PCB 209	n/a	=	74	%	EPA 608.3	-88	-88	34	125	
2020/21-2	MO-THO	srgt environ	2/17/2021	PCB	PCB 209	n/a	=	1.07	µg/L	EPA 608.3	-88	-88			
2020/21-2	MO-THO	srgt environ, rec	2/17/2021	PCB	PCB 209	n/a	=	107	%	EPA 608.3	-88	-88	34	125	
2020/21-2	MO-VEN	srgt environ	2/16/2021	PCB	PCB 209	n/a	=	0.0794	µg/L	EPA 608.3	-88	-88			
2020/21-2	MO-VEN	srgt environ, rec	2/16/2021	PCB	PCB 209	n/a	=	79	%	EPA 608.3	-88	-88	34	125	
2020/21-2	Lab	method blank	2/16/2021	PCB	PCB Aroclor 1016	n/a	<	0.029	µg/L	EPA 608.3	0.029	0.5			
2020/21-2	Lab	method blank	2/16/2021	PCB	PCB Aroclor 1221	n/a	<	0.06	µg/L	EPA 608.3	0.06	0.5			
2020/21-2	Lab	method blank	2/16/2021	PCB	PCB Aroclor 1232	n/a	<	0.1	µg/L	EPA 608.3	0.1	0.5			
2020/21-2	Lab	method blank	2/16/2021	PCB	PCB Aroclor 1242	n/a	<	0.07	µg/L	EPA 608.3	0.07	0.5			
2020/21-2	Lab	method blank	2/16/2021	PCB	PCB Aroclor 1248	n/a	<	0.06	µg/L	EPA 608.3	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	
2020/21-2	Lab	method blank	2/16/2021	PCB	PCB Aroclor 1254	n/a	<	0.04	µg/L	EPA 608.3	0.04	0.5			
2020/21-2	Lab	method blank	2/16/2021	PCB	PCB Aroclor 1260	n/a	<	0.055	µg/L	EPA 608.3	0.055	0.5			
2020/21-2	000NONPJ	matrix spike	2/12/2021	Pesticide	2,4,5-T	n/a	=	4.06	µg/L	EPA 515.4	0.055	0.2			
2020/21-2	000NONPJ	matrix spike, rec	2/12/2021	Pesticide	2,4,5-T	n/a	=	102	%	EPA 515.4	-88	-88	70	130	
2020/21-2	000NONPJ	matrix spike dup	2/13/2021	Pesticide	2,4,5-T	n/a	=	3.89	µg/L	EPA 515.4	0.055	0.2			
2020/21-2	000NONPJ	matrix spike dup, rec	2/13/2021	Pesticide	2,4,5-T	n/a	=	97	%	EPA 515.4	-88	-88	70	130	
2020/21-2	000NONPJ	matrix spike, RPD	2/13/2021	Pesticide	2,4,5-T	n/a	=	4	%	EPA 515.4	-88	-88	0	30	
2020/21-2	Lab	method blank	2/12/2021	Pesticide	2,4,5-T	n/a	<	0.055	µg/L	EPA 515.4	0.055	0.2			
2020/21-2	Lab	LCS	2/12/2021	Pesticide	2,4,5-T	n/a	=	4.14	µg/L	EPA 515.4	0.055	0.2			
2020/21-2	Lab	LCS, rec	2/12/2021	Pesticide	2,4,5-T	n/a	=	103	%	EPA 515.4	-88	-88	70	130	
2020/21-2	000NONPJ	matrix spike	2/12/2021	Pesticide	2,4,5-TP	n/a	=	4.01	µg/L	EPA 515.4	0.046	0.2			
2020/21-2	000NONPJ	matrix spike, rec	2/12/2021	Pesticide	2,4,5-TP	n/a	=	100	%	EPA 515.4	-88	-88	70	130	
2020/21-2	000NONPJ	matrix spike dup	2/13/2021	Pesticide	2,4,5-TP	n/a	=	3.91	µg/L	EPA 515.4	0.046	0.2			
2020/21-2	000NONPJ	matrix spike dup, rec	2/13/2021	Pesticide	2,4,5-TP	n/a	=	98	%	EPA 515.4	-88	-88	70	130	
2020/21-2	000NONPJ	matrix spike, RPD	2/13/2021	Pesticide	2,4,5-TP	n/a	=	3	%	EPA 515.4	-88	-88	0	30	
2020/21-2	Lab	method blank	2/12/2021	Pesticide	2,4,5-TP	n/a	<	0.046	µg/L	EPA 515.4	0.046	0.2			
2020/21-2	Lab	LCS	2/12/2021	Pesticide	2,4,5-TP	n/a	=	4.08	µg/L	EPA 515.4	0.046	0.2			
2020/21-2	Lab	LCS, rec	2/12/2021	Pesticide	2,4,5-TP	n/a	=	102	%	EPA 515.4	-88	-88	70	130	
2020/21-2	000NONPJ	matrix spike	2/12/2021	Pesticide	2,4-D	n/a	=	8.32	µg/L	EPA 515.4	0.14	0.4			
2020/21-2	000NONPJ	matrix spike, rec	2/12/2021	Pesticide	2,4-D	n/a	=	104	%	EPA 515.4	-88	-88	70	130	
2020/21-2	000NONPJ	matrix spike dup	2/13/2021	Pesticide	2,4-D	n/a	=	8.2	µg/L	EPA 515.4	0.14	0.4			
2020/21-2	000NONPJ	matrix spike dup, rec	2/13/2021	Pesticide	2,4-D	n/a	=	103	%	EPA 515.4	-88	-88	70	130	
2020/21-2	000NONPJ	matrix spike, RPD	2/13/2021	Pesticide	2,4-D	n/a	=	1	%	EPA 515.4	-88	-88	0	30	
2020/21-2	Lab	method blank	2/12/2021	Pesticide	2,4-D	n/a	<	0.14	µg/L	EPA 515.4	0.14	0.4			
2020/21-2	Lab	LCS	2/12/2021	Pesticide	2,4-D	n/a	=	8.46	µg/L	EPA 515.4	0.14	0.4			
2020/21-2	Lab	LCS, rec	2/12/2021	Pesticide	2,4-D	n/a	=	106	%	EPA 515.4	-88	-88	70	130	
2020/21-2	000NONPJ	matrix spike	2/12/2021	Pesticide	2,4-DB	n/a	=	15.9	µg/L	EPA 515.4	0.19	2			
2020/21-2	000NONPJ	matrix spike, rec	2/12/2021	Pesticide	2,4-DB	n/a	=	99	%	EPA 515.4	-88	-88	70	130	
2020/21-2	000NONPJ	matrix spike dup	2/13/2021	Pesticide	2,4-DB	n/a	=	15.3	µg/L	EPA 515.4	0.19	2			
2020/21-2	000NONPJ	matrix spike dup, rec	2/13/2021	Pesticide	2,4-DB	n/a	=	96	%	EPA 515.4	-88	-88	70	130	
2020/21-2	000NONPJ	matrix spike, RPD	2/13/2021	Pesticide	2,4-DB	n/a	=	4	%	EPA 515.4	-88	-88	0	30	
2020/21-2	Lab	method blank	2/12/2021	Pesticide	2,4-DB	n/a	<	0.19	µg/L	EPA 515.4	0.19	2			
2020/21-2	Lab	LCS	2/12/2021	Pesticide	2,4-DB	n/a	=	16.3	µg/L	EPA 515.4	0.19	2			
2020/21-2	Lab	LCS, rec	2/12/2021	Pesticide	2,4-DB	n/a	=	102	%	EPA 515.4	-88	-88	70	130	
2020/21-2	000NONPJ	matrix spike	2/12/2021	Pesticide	3,5-Dichlorobenzoic acid	n/a	=	8.3	µg/L	EPA 515.4	0.12	1			
2020/21-2	000NONPJ	matrix spike, rec	2/12/2021	Pesticide	3,5-Dichlorobenzoic acid	n/a	=	104	%	EPA 515.4	-88	-88	70	130	
2020/21-2	000NONPJ	matrix spike dup	2/13/2021	Pesticide	3,5-Dichlorobenzoic acid	n/a	=	8.2	µg/L	EPA 515.4	0.12	1			
2020/21-2	000NONPJ	matrix spike dup, rec	2/13/2021	Pesticide	3,5-Dichlorobenzoic acid	n/a	=	103	%	EPA 515.4	-88	-88	70	130	
2020/21-2	000NONPJ	matrix spike, RPD	2/13/2021	Pesticide	3,5-Dichlorobenzoic acid	n/a	=	1	%	EPA 515.4	-88	-88	0	30	
2020/21-2	Lab	method blank	2/12/2021	Pesticide	3,5-Dichlorobenzoic acid	n/a	<	0.12	µg/L	EPA 515.4	0.12	1			
2020/21-2	Lab	LCS	2/12/2021	Pesticide	3,5-Dichlorobenzoic acid	n/a	=	8.29	µg/L	EPA 515.4	0.12	1			
2020/21-2	Lab	LCS, rec	2/12/2021	Pesticide	3,5-Dichlorobenzoic acid	n/a	=	104	%	EPA 515.4	-88	-88	70	130	
2020/21-2	Lab	method blank	2/16/2021	Pesticide	4,4'-DDD	n/a	<	0.0007	µg/L	EPA 608.3	0.0007	0.05			
2020/21-2	Lab	LCS	2/16/2021	Pesticide	4,4'-DDD	n/a	=	0.13	µg/L	EPA 608.3	0.0007	0.05			
2020/21-2	Lab	LCS, rec	2/16/2021	Pesticide	4,4'-DDD	n/a	=	130	%	EPA 608.3	-88	-88	48	130	
2020/21-2	Lab	LCS dup	2/16/2021	Pesticide	4,4'-DDD	n/a	=	0.13	µg/L	EPA 608.3	0.0007	0.05			
2020/21-2	Lab	LCS dup, rec	2/16/2021	Pesticide	4,4'-DDD	n/a	=	130	%	EPA 608.3	-88	-88	48	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	
2020/21-2	Lab	LCS, RPD	2/16/2021	Pesticide	4,4'-DDD	n/a	=	0.2	%	EPA 608.3	-88	-88	0	30	
2020/21-2	Lab	method blank	2/16/2021	Pesticide	4,4'-DDE	n/a	<	0.0007	µg/L	EPA 608.3	0.0007	0.05			
2020/21-2	Lab	LCS	2/16/2021	Pesticide	4,4'-DDE	n/a	=	0.116	µg/L	EPA 608.3	0.0007	0.05			
2020/21-2	Lab	LCS, rec	2/16/2021	Pesticide	4,4'-DDE	n/a	=	116	%	EPA 608.3	-88	-88	54	130	
2020/21-2	Lab	LCS dup	2/16/2021	Pesticide	4,4'-DDE	n/a	=	0.118	µg/L	EPA 608.3	0.0007	0.05			
2020/21-2	Lab	LCS dup, rec	2/16/2021	Pesticide	4,4'-DDE	n/a	=	118	%	EPA 608.3	-88	-88	54	130	
2020/21-2	Lab	LCS, RPD	2/16/2021	Pesticide	4,4'-DDE	n/a	=	1	%	EPA 608.3	-88	-88	0	30	
2020/21-2	Lab	method blank	2/16/2021	Pesticide	4,4'-DDT	n/a	<	0.0011	µg/L	EPA 608.3	0.0011	0.01			
2020/21-2	Lab	LCS	2/16/2021	Pesticide	4,4'-DDT	n/a	=	0.13	µg/L	EPA 608.3	0.0011	0.01			
2020/21-2	Lab	LCS, rec	2/16/2021	Pesticide	4,4'-DDT	n/a	=	130	%	EPA 608.3	-88	-88	46	137	
2020/21-2	Lab	LCS dup	2/16/2021	Pesticide	4,4'-DDT	n/a	=	0.127	µg/L	EPA 608.3	0.0011	0.01			
2020/21-2	Lab	LCS dup, rec	2/16/2021	Pesticide	4,4'-DDT	n/a	=	127	%	EPA 608.3	-88	-88	46	137	
2020/21-2	Lab	LCS, RPD	2/16/2021	Pesticide	4,4'-DDT	n/a	=	2	%	EPA 608.3	-88	-88	0	30	
2020/21-2	000NONPJ	matrix spike	2/12/2021	Pesticide	Acifluorfen	n/a	=	3.97	µg/L	EPA 515.4	0.072	0.4			
2020/21-2	000NONPJ	matrix spike, rec	2/12/2021	Pesticide	Acifluorfen	n/a	=	99	%	EPA 515.4	-88	-88	70	130	
2020/21-2	000NONPJ	matrix spike dup	2/13/2021	Pesticide	Acifluorfen	n/a	=	3.91	µg/L	EPA 515.4	0.072	0.4			
2020/21-2	000NONPJ	matrix spike dup, rec	2/13/2021	Pesticide	Acifluorfen	n/a	=	98	%	EPA 515.4	-88	-88	70	130	
2020/21-2	000NONPJ	matrix spike, RPD	2/13/2021	Pesticide	Acifluorfen	n/a	=	1	%	EPA 515.4	-88	-88	0	30	
2020/21-2	Lab	method blank	2/12/2021	Pesticide	Acifluorfen	n/a	<	0.072	µg/L	EPA 515.4	0.072	0.4			
2020/21-2	Lab	LCS	2/12/2021	Pesticide	Acifluorfen	n/a	=	4.1	µg/L	EPA 515.4	0.072	0.4			
2020/21-2	Lab	LCS, rec	2/12/2021	Pesticide	Acifluorfen	n/a	=	103	%	EPA 515.4	-88	-88	70	130	
2020/21-2	000NONPJ	matrix spike	2/12/2021	Pesticide	Alachlor	n/a	=	5.24	µg/L	EPA 525.2	0.03	0.1			
2020/21-2	000NONPJ	matrix spike, rec	2/12/2021	Pesticide	Alachlor	n/a	=	105	%	EPA 525.2	-88	-88	70	130	
2020/21-2	000NONPJ	matrix spike dup	2/12/2021	Pesticide	Alachlor	n/a	=	5.33	µg/L	EPA 525.2	0.03	0.1			
2020/21-2	000NONPJ	matrix spike dup, rec	2/12/2021	Pesticide	Alachlor	n/a	=	107	%	EPA 525.2	-88	-88	70	130	
2020/21-2	000NONPJ	matrix spike, RPD	2/12/2021	Pesticide	Alachlor	n/a	=	2	%	EPA 525.2	-88	-88	0	30	
2020/21-2	Lab	method blank	2/11/2021	Pesticide	Alachlor	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1			
2020/21-2	Lab	LCS dup	2/11/2021	Pesticide	Alachlor	n/a	=	5.06	µg/L	EPA 525.2	0.03	0.1			
2020/21-2	Lab	LCS dup, rec	2/11/2021	Pesticide	Alachlor	n/a	=	101	%	EPA 525.2	-88	-88	70	130	
2020/21-2	Lab	LCS, RPD	2/11/2021	Pesticide	Alachlor	n/a	=	7	%	EPA 525.2	-88	-88	0	30	
2020/21-2	Lab	LCS	2/11/2021	Pesticide	Alachlor	n/a	=	5.45	µg/L	EPA 525.2	0.03	0.1			
2020/21-2	Lab	LCS, rec	2/11/2021	Pesticide	Alachlor	n/a	=	109	%	EPA 525.2	-88	-88	70	130	
2020/21-2	Lab	method blank	2/12/2021	Pesticide	Alachlor	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1			
2020/21-2	Lab	LCS	2/12/2021	Pesticide	Alachlor	n/a	=	5.43	µg/L	EPA 525.2	0.03	0.1			
2020/21-2	Lab	LCS, rec	2/12/2021	Pesticide	Alachlor	n/a	=	109	%	EPA 525.2	-88	-88	70	130	
2020/21-2	Lab	LCS dup	2/12/2021	Pesticide	Alachlor	n/a	=	5.49	µg/L	EPA 525.2	0.03	0.1			
2020/21-2	Lab	LCS dup, rec	2/12/2021	Pesticide	Alachlor	n/a	=	110	%	EPA 525.2	-88	-88	70	130	
2020/21-2	Lab	LCS, RPD	2/12/2021	Pesticide	Alachlor	n/a	=	1	%	EPA 525.2	-88	-88	0	30	
2020/21-2	Lab	method blank	2/16/2021	Pesticide	Alachlor	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1			
2020/21-2	Lab	LCS	2/16/2021	Pesticide	Alachlor	n/a	=	5.55	µg/L	EPA 525.2	0.03	0.1			
2020/21-2	Lab	LCS, rec	2/16/2021	Pesticide	Alachlor	n/a	=	111	%	EPA 525.2	-88	-88	70	130	
2020/21-2	Lab	LCS dup	2/16/2021	Pesticide	Alachlor	n/a	=	5.21	µg/L	EPA 525.2	0.03	0.1			
2020/21-2	Lab	LCS dup, rec	2/16/2021	Pesticide	Alachlor	n/a	=	104	%	EPA 525.2	-88	-88	70	130	
2020/21-2	Lab	LCS, RPD	2/16/2021	Pesticide	Alachlor	n/a	=	6	%	EPA 525.2	-88	-88	0	30	
2020/21-2	Lab	method blank	2/16/2021	Pesticide	Aldrin	n/a	<	0.001	µg/L	EPA 608.3	0.001	0.005			
2020/21-2	Lab	LCS	2/16/2021	Pesticide	Aldrin	n/a	=	0.1	µg/L	EPA 608.3	0.001	0.005			
2020/21-2	Lab	LCS, rec	2/16/2021	Pesticide	Aldrin	n/a	=	100	%	EPA 608.3	-88	-88	54	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	
2020/21-2	Lab	LCS dup	2/16/2021	Pesticide	Aldrin	n/a	=	0.105	µg/L	EPA 608.3	0.001	0.005			
2020/21-2	Lab	LCS dup, rec	2/16/2021	Pesticide	Aldrin	n/a	=	105	%	EPA 608.3	-88	-88	54	130	
2020/21-2	Lab	LCS, RPD	2/16/2021	Pesticide	Aldrin	n/a	=	4	%	EPA 608.3	-88	-88	0	30	
2020/21-2	Lab	method blank	2/16/2021	Pesticide	alpha-BHC	n/a	<	0.0011	µg/L	EPA 608.3	0.0011	0.01			
2020/21-2	Lab	LCS	2/16/2021	Pesticide	alpha-BHC	n/a	=	0.115	µg/L	EPA 608.3	0.0011	0.01			
2020/21-2	Lab	LCS, rec	2/16/2021	Pesticide	alpha-BHC	n/a	=	115	%	EPA 608.3	-88	-88	49	130	
2020/21-2	Lab	LCS dup	2/16/2021	Pesticide	alpha-BHC	n/a	=	0.116	µg/L	EPA 608.3	0.0011	0.01			
2020/21-2	Lab	LCS dup, rec	2/16/2021	Pesticide	alpha-BHC	n/a	=	116	%	EPA 608.3	-88	-88	49	130	
2020/21-2	Lab	LCS, RPD	2/16/2021	Pesticide	alpha-BHC	n/a	=	1	%	EPA 608.3	-88	-88	0	30	
2020/21-2	Lab	method blank	2/16/2021	Pesticide	alpha-Chlordane	n/a	<	0.0029	µg/L	EPA 608.3	0.0029	0.01			
2020/21-2	000NONPJ	matrix spike	2/12/2021	Pesticide	Atrazine	n/a	=	6.09	µg/L	EPA 525.2	0.03	0.1			
2020/21-2	000NONPJ	matrix spike, rec	2/12/2021	Pesticide	Atrazine	n/a	=	122	%	EPA 525.2	-88	-88	70	130	
2020/21-2	000NONPJ	matrix spike dup	2/12/2021	Pesticide	Atrazine	n/a	=	5.67	µg/L	EPA 525.2	0.03	0.1			
2020/21-2	000NONPJ	matrix spike dup, rec	2/12/2021	Pesticide	Atrazine	n/a	=	113	%	EPA 525.2	-88	-88	70	130	
2020/21-2	000NONPJ	matrix spike, RPD	2/12/2021	Pesticide	Atrazine	n/a	=	7	%	EPA 525.2	-88	-88	0	30	
2020/21-2	Lab	method blank	2/11/2021	Pesticide	Atrazine	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1			
2020/21-2	Lab	LCS dup	2/11/2021	Pesticide	Atrazine	n/a	=	5.48	µg/L	EPA 525.2	0.03	0.1			
2020/21-2	Lab	LCS dup, rec	2/11/2021	Pesticide	Atrazine	n/a	=	110	%	EPA 525.2	-88	-88	70	130	
2020/21-2	Lab	LCS, RPD	2/11/2021	Pesticide	Atrazine	n/a	=	4	%	EPA 525.2	-88	-88	0	30	
2020/21-2	Lab	LCS	2/11/2021	Pesticide	Atrazine	n/a	=	5.68	µg/L	EPA 525.2	0.03	0.1			
2020/21-2	Lab	LCS, rec	2/11/2021	Pesticide	Atrazine	n/a	=	114	%	EPA 525.2	-88	-88	70	130	
2020/21-2	Lab	method blank	2/12/2021	Pesticide	Atrazine	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1			
2020/21-2	Lab	LCS	2/12/2021	Pesticide	Atrazine	n/a	=	5.23	µg/L	EPA 525.2	0.03	0.1			
2020/21-2	Lab	LCS, rec	2/12/2021	Pesticide	Atrazine	n/a	=	105	%	EPA 525.2	-88	-88	70	130	
2020/21-2	Lab	LCS dup	2/12/2021	Pesticide	Atrazine	n/a	=	6.15	µg/L	EPA 525.2	0.03	0.1			
2020/21-2	Lab	LCS dup, rec	2/12/2021	Pesticide	Atrazine	n/a	=	123	%	EPA 525.2	-88	-88	70	130	
2020/21-2	Lab	LCS, RPD	2/12/2021	Pesticide	Atrazine	n/a	=	16	%	EPA 525.2	-88	-88	0	30	
2020/21-2	Lab	method blank	2/16/2021	Pesticide	Atrazine	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1			
2020/21-2	Lab	LCS	2/16/2021	Pesticide	Atrazine	n/a	=	5.59	µg/L	EPA 525.2	0.03	0.1			
2020/21-2	Lab	LCS, rec	2/16/2021	Pesticide	Atrazine	n/a	=	112	%	EPA 525.2	-88	-88	70	130	
2020/21-2	Lab	LCS dup	2/16/2021	Pesticide	Atrazine	n/a	=	6.27	µg/L	EPA 525.2	0.03	0.1			
2020/21-2	Lab	LCS dup, rec	2/16/2021	Pesticide	Atrazine	n/a	=	125	%	EPA 525.2	-88	-88	70	130	
2020/21-2	Lab	LCS, RPD	2/16/2021	Pesticide	Atrazine	n/a	=	11	%	EPA 525.2	-88	-88	0	30	
2020/21-2	000NONPJ	matrix spike	2/3/2021	Pesticide	Azinphos methyl	n/a	=	0.275	µg/L	EPA 625.1m	0.028	0.05			
2020/21-2	000NONPJ	matrix spike, rec	2/3/2021	Pesticide	Azinphos methyl	n/a	=	110	%	EPA 625.1m	-88	-88	0.1	153	
2020/21-2	000NONPJ	matrix spike dup	2/3/2021	Pesticide	Azinphos methyl	n/a	=	0.27	µg/L	EPA 625.1m	0.028	0.05			
2020/21-2	000NONPJ	matrix spike dup, rec	2/3/2021	Pesticide	Azinphos methyl	n/a	=	108	%	EPA 625.1m	-88	-88	0.1	153	
2020/21-2	000NONPJ	matrix spike, RPD	2/3/2021	Pesticide	Azinphos methyl	n/a	=	2	%	EPA 625.1m	-88	-88	0	30	
2020/21-2	Lab	method blank	2/3/2021	Pesticide	Azinphos methyl	n/a	<	0.0055	µg/L	EPA 625.1m	0.0055	0.01			
2020/21-2	Lab	LCS	2/3/2021	Pesticide	Azinphos methyl	n/a	=	0.0404	µg/L	EPA 625.1m	0.0055	0.01			
2020/21-2	Lab	LCS, rec	2/3/2021	Pesticide	Azinphos methyl	n/a	=	81	%	EPA 625.1m	-88	-88	0.1	179	
2020/21-2	000NONPJ	matrix spike	2/12/2021	Pesticide	Bentazon	n/a	=	16.1	µg/L	EPA 515.4	0.23	2			
2020/21-2	000NONPJ	matrix spike, rec	2/12/2021	Pesticide	Bentazon	n/a	=	101	%	EPA 515.4	-88	-88	70	130	
2020/21-2	000NONPJ	matrix spike dup	2/13/2021	Pesticide	Bentazon	n/a	=	16.3	µg/L	EPA 515.4	0.23	2			
2020/21-2	000NONPJ	matrix spike dup, rec	2/13/2021	Pesticide	Bentazon	n/a	=	102	%	EPA 515.4	-88	-88	70	130	
2020/21-2	000NONPJ	matrix spike, RPD	2/13/2021	Pesticide	Bentazon	n/a	=	1	%	EPA 515.4	-88	-88	0	30	
2020/21-2	Lab	method blank	2/12/2021	Pesticide	Bentazon	n/a	<	0.23	µg/L	EPA 515.4	0.23	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	
2020/21-2	Lab	LCS	2/12/2021	Pesticide	Bentazon	n/a	=	16.4	µg/L	EPA 515.4	0.23	2			
2020/21-2	Lab	LCS, rec	2/12/2021	Pesticide	Bentazon	n/a	=	103	%	EPA 515.4	-88	-88	70	130	
2020/21-2	Lab	method blank	2/16/2021	Pesticide	beta-BHC	n/a	<	0.0015	µg/L	EPA 608.3	0.0015	0.005			
2020/21-2	Lab	LCS	2/16/2021	Pesticide	beta-BHC	n/a	=	0.13	µg/L	EPA 608.3	0.0015	0.005			
2020/21-2	Lab	LCS, rec	2/16/2021	Pesticide	beta-BHC	n/a	=	130	%	EPA 608.3	-88	-88	39	130	
2020/21-2	Lab	LCS dup	2/16/2021	Pesticide	beta-BHC	n/a	=	0.131	µg/L	EPA 608.3	0.0015	0.005			EUM
2020/21-2	Lab	LCS dup, rec	2/16/2021	Pesticide	beta-BHC	n/a	=	131	%	EPA 608.3	-88	-88	39	130	EUM
2020/21-2	Lab	LCS, RPD	2/16/2021	Pesticide	beta-BHC	n/a	=	0.5	%	EPA 608.3	-88	-88	0	30	EUM
2020/21-2	000NONPJ	matrix spike	2/3/2021	Pesticide	Bolstar	n/a	=	0.219	µg/L	EPA 625.1m	0.023	0.05			
2020/21-2	000NONPJ	matrix spike, rec	2/3/2021	Pesticide	Bolstar	n/a	=	88	%	EPA 625.1m	-88	-88	22	160	
2020/21-2	000NONPJ	matrix spike dup	2/3/2021	Pesticide	Bolstar	n/a	=	0.21	µg/L	EPA 625.1m	0.023	0.05			
2020/21-2	000NONPJ	matrix spike dup, rec	2/3/2021	Pesticide	Bolstar	n/a	=	84	%	EPA 625.1m	-88	-88	22	160	
2020/21-2	000NONPJ	matrix spike, RPD	2/3/2021	Pesticide	Bolstar	n/a	=	4	%	EPA 625.1m	-88	-88	0	30	
2020/21-2	Lab	method blank	2/3/2021	Pesticide	Bolstar	n/a	<	0.0046	µg/L	EPA 625.1m	0.0046	0.01			
2020/21-2	Lab	LCS	2/3/2021	Pesticide	Bolstar	n/a	=	0.0361	µg/L	EPA 625.1m	0.0046	0.01			
2020/21-2	Lab	LCS, rec	2/3/2021	Pesticide	Bolstar	n/a	=	72	%	EPA 625.1m	-88	-88	24	143	
2020/21-2	000NONPJ	matrix spike	2/12/2021	Pesticide	Bromacil	n/a	=	5.33	µg/L	EPA 525.2	0.16	0.5			
2020/21-2	000NONPJ	matrix spike, rec	2/12/2021	Pesticide	Bromacil	n/a	=	107	%	EPA 525.2	-88	-88	70	130	
2020/21-2	000NONPJ	matrix spike dup	2/12/2021	Pesticide	Bromacil	n/a	=	5.55	µg/L	EPA 525.2	0.16	0.5			
2020/21-2	000NONPJ	matrix spike dup, rec	2/12/2021	Pesticide	Bromacil	n/a	=	111	%	EPA 525.2	-88	-88	70	130	
2020/21-2	000NONPJ	matrix spike, RPD	2/12/2021	Pesticide	Bromacil	n/a	=	4	%	EPA 525.2	-88	-88	0	30	
2020/21-2	Lab	method blank	2/11/2021	Pesticide	Bromacil	n/a	<	0.16	µg/L	EPA 525.2	0.16	0.5			
2020/21-2	Lab	LCS dup	2/11/2021	Pesticide	Bromacil	n/a	=	4.87	µg/L	EPA 525.2	0.16	0.5			
2020/21-2	Lab	LCS dup, rec	2/11/2021	Pesticide	Bromacil	n/a	=	97	%	EPA 525.2	-88	-88	70	130	
2020/21-2	Lab	LCS, RPD	2/11/2021	Pesticide	Bromacil	n/a	=	6	%	EPA 525.2	-88	-88	0	30	
2020/21-2	Lab	LCS	2/11/2021	Pesticide	Bromacil	n/a	=	5.15	µg/L	EPA 525.2	0.16	0.5			
2020/21-2	Lab	LCS, rec	2/11/2021	Pesticide	Bromacil	n/a	=	103	%	EPA 525.2	-88	-88	70	130	
2020/21-2	Lab	method blank	2/12/2021	Pesticide	Bromacil	n/a	<	0.16	µg/L	EPA 525.2	0.16	0.5			
2020/21-2	Lab	LCS	2/12/2021	Pesticide	Bromacil	n/a	=	5.61	µg/L	EPA 525.2	0.16	0.5			
2020/21-2	Lab	LCS, rec	2/12/2021	Pesticide	Bromacil	n/a	=	112	%	EPA 525.2	-88	-88	70	130	
2020/21-2	Lab	LCS dup	2/12/2021	Pesticide	Bromacil	n/a	=	5.58	µg/L	EPA 525.2	0.16	0.5			
2020/21-2	Lab	LCS dup, rec	2/12/2021	Pesticide	Bromacil	n/a	=	112	%	EPA 525.2	-88	-88	70	130	
2020/21-2	Lab	LCS, RPD	2/12/2021	Pesticide	Bromacil	n/a	=	0.5	%	EPA 525.2	-88	-88	0	30	
2020/21-2	Lab	method blank	2/16/2021	Pesticide	Bromacil	n/a	<	0.16	µg/L	EPA 525.2	0.16	0.5			
2020/21-2	Lab	LCS	2/16/2021	Pesticide	Bromacil	n/a	=	5.39	µg/L	EPA 525.2	0.16	0.5			
2020/21-2	Lab	LCS, rec	2/16/2021	Pesticide	Bromacil	n/a	=	108	%	EPA 525.2	-88	-88	70	130	
2020/21-2	Lab	LCS dup	2/16/2021	Pesticide	Bromacil	n/a	=	5.49	µg/L	EPA 525.2	0.16	0.5			
2020/21-2	Lab	LCS dup, rec	2/16/2021	Pesticide	Bromacil	n/a	=	110	%	EPA 525.2	-88	-88	70	130	
2020/21-2	Lab	LCS, RPD	2/16/2021	Pesticide	Bromacil	n/a	=	2	%	EPA 525.2	-88	-88	0	30	
2020/21-2	000NONPJ	matrix spike	2/12/2021	Pesticide	Butachlor	n/a	=	5.7	µg/L	EPA 525.2	0.03	0.1			
2020/21-2	000NONPJ	matrix spike, rec	2/12/2021	Pesticide	Butachlor	n/a	=	114	%	EPA 525.2	-88	-88	70	130	
2020/21-2	000NONPJ	matrix spike dup	2/12/2021	Pesticide	Butachlor	n/a	=	5.87	µg/L	EPA 525.2	0.03	0.1			
2020/21-2	000NONPJ	matrix spike dup, rec	2/12/2021	Pesticide	Butachlor	n/a	=	117	%	EPA 525.2	-88	-88	70	130	
2020/21-2	000NONPJ	matrix spike, RPD	2/12/2021	Pesticide	Butachlor	n/a	=	3	%	EPA 525.2	-88	-88	0	30	
2020/21-2	Lab	method blank	2/11/2021	Pesticide	Butachlor	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1			
2020/21-2	Lab	LCS dup	2/11/2021	Pesticide	Butachlor	n/a	=	5.47	µg/L	EPA 525.2	0.03	0.1			
2020/21-2	Lab	LCS dup, rec	2/11/2021	Pesticide	Butachlor	n/a	=	109	%	EPA 525.2	-88	-88	70	130	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2020/21-2	Lab	LCS, RPD	2/11/2021	Pesticide	Butachlor	n/a	=	11	%	EPA 525.2	-88	-88	0	30	
2020/21-2	Lab	LCS	2/11/2021	Pesticide	Butachlor	n/a	=	6.11	µg/L	EPA 525.2	0.03	0.1			
2020/21-2	Lab	LCS, rec	2/11/2021	Pesticide	Butachlor	n/a	=	122	%	EPA 525.2	-88	-88	70	130	
2020/21-2	Lab	method blank	2/12/2021	Pesticide	Butachlor	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1			
2020/21-2	Lab	LCS	2/12/2021	Pesticide	Butachlor	n/a	=	5.94	µg/L	EPA 525.2	0.03	0.1			
2020/21-2	Lab	LCS, rec	2/12/2021	Pesticide	Butachlor	n/a	=	119	%	EPA 525.2	-88	-88	70	130	
2020/21-2	Lab	LCS dup	2/12/2021	Pesticide	Butachlor	n/a	=	5.87	µg/L	EPA 525.2	0.03	0.1			
2020/21-2	Lab	LCS dup, rec	2/12/2021	Pesticide	Butachlor	n/a	=	117	%	EPA 525.2	-88	-88	70	130	
2020/21-2	Lab	LCS, RPD	2/12/2021	Pesticide	Butachlor	n/a	=	1	%	EPA 525.2	-88	-88	0	30	
2020/21-2	Lab	method blank	2/16/2021	Pesticide	Butachlor	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1			
2020/21-2	Lab	LCS	2/16/2021	Pesticide	Butachlor	n/a	=	5.91	µg/L	EPA 525.2	0.03	0.1			
2020/21-2	Lab	LCS, rec	2/16/2021	Pesticide	Butachlor	n/a	=	118	%	EPA 525.2	-88	-88	70	130	
2020/21-2	Lab	LCS dup	2/16/2021	Pesticide	Butachlor	n/a	=	5.78	µg/L	EPA 525.2	0.03	0.1			
2020/21-2	Lab	LCS dup, rec	2/16/2021	Pesticide	Butachlor	n/a	=	116	%	EPA 525.2	-88	-88	70	130	
2020/21-2	Lab	LCS, RPD	2/16/2021	Pesticide	Butachlor	n/a	=	2	%	EPA 525.2	-88	-88	0	30	
2020/21-2	000NONPJ	matrix spike	2/12/2021	Pesticide	Captan	n/a	=	6.29	µg/L	EPA 525.2	0.16	1			
2020/21-2	000NONPJ	matrix spike, rec	2/12/2021	Pesticide	Captan	n/a	=	126	%	EPA 525.2	-88	-88	70	130	
2020/21-2	000NONPJ	matrix spike dup	2/12/2021	Pesticide	Captan	n/a	=	6.24	µg/L	EPA 525.2	0.16	1			
2020/21-2	000NONPJ	matrix spike dup, rec	2/12/2021	Pesticide	Captan	n/a	=	125	%	EPA 525.2	-88	-88	70	130	
2020/21-2	000NONPJ	matrix spike, RPD	2/12/2021	Pesticide	Captan	n/a	=	0.8	%	EPA 525.2	-88	-88	0	30	
2020/21-2	Lab	method blank	2/11/2021	Pesticide	Captan	n/a	<	0.16	µg/L	EPA 525.2	0.16	1			
2020/21-2	Lab	LCS dup	2/11/2021	Pesticide	Captan	n/a	=	4.16	µg/L	EPA 525.2	0.16	1			IL
2020/21-2	Lab	LCS dup, rec	2/11/2021	Pesticide	Captan	n/a	=	83	%	EPA 525.2	-88	-88	70	130	IL
2020/21-2	Lab	LCS, RPD	2/11/2021	Pesticide	Captan	n/a	=	33	%	EPA 525.2	-88	-88	0	30	IL
2020/21-2	Lab	LCS	2/11/2021	Pesticide	Captan	n/a	=	5.83	µg/L	EPA 525.2	0.16	1			
2020/21-2	Lab	LCS, rec	2/11/2021	Pesticide	Captan	n/a	=	117	%	EPA 525.2	-88	-88	70	130	
2020/21-2	Lab	method blank	2/12/2021	Pesticide	Captan	n/a	<	0.16	µg/L	EPA 525.2	0.16	1			
2020/21-2	Lab	LCS	2/12/2021	Pesticide	Captan	n/a	=	5.94	µg/L	EPA 525.2	0.16	1			
2020/21-2	Lab	LCS, rec	2/12/2021	Pesticide	Captan	n/a	=	119	%	EPA 525.2	-88	-88	70	130	
2020/21-2	Lab	LCS dup	2/12/2021	Pesticide	Captan	n/a	=	6.28	µg/L	EPA 525.2	0.16	1			
2020/21-2	Lab	LCS dup, rec	2/12/2021	Pesticide	Captan	n/a	=	126	%	EPA 525.2	-88	-88	70	130	
2020/21-2	Lab	LCS, RPD	2/12/2021	Pesticide	Captan	n/a	=	6	%	EPA 525.2	-88	-88	0	30	
2020/21-2	Lab	method blank	2/16/2021	Pesticide	Captan	n/a	<	0.16	µg/L	EPA 525.2	0.16	1			
2020/21-2	Lab	LCS	2/16/2021	Pesticide	Captan	n/a	=	6.02	µg/L	EPA 525.2	0.16	1			
2020/21-2	Lab	LCS, rec	2/16/2021	Pesticide	Captan	n/a	=	120	%	EPA 525.2	-88	-88	70	130	
2020/21-2	Lab	LCS dup	2/16/2021	Pesticide	Captan	n/a	=	6.54	µg/L	EPA 525.2	0.16	1			EUM
2020/21-2	Lab	LCS dup, rec	2/16/2021	Pesticide	Captan	n/a	=	131	%	EPA 525.2	-88	-88	70	130	EUM
2020/21-2	Lab	LCS, RPD	2/16/2021	Pesticide	Captan	n/a	=	8	%	EPA 525.2	-88	-88	0	30	EUM
2020/21-2	Lab	method blank	2/16/2021	Pesticide	Chlordane (technical)	n/a	<	0.043	µg/L	EPA 608.3	0.043	0.1			
2020/21-2	000NONPJ	matrix spike	2/12/2021	Pesticide	Chloroprotham	n/a	=	6.31	µg/L	EPA 525.2	0.04	0.1			
2020/21-2	000NONPJ	matrix spike, rec	2/12/2021	Pesticide	Chloroprotham	n/a	=	126	%	EPA 525.2	-88	-88	70	130	
2020/21-2	000NONPJ	matrix spike dup	2/12/2021	Pesticide	Chloroprotham	n/a	=	6.01	µg/L	EPA 525.2	0.04	0.1			
2020/21-2	000NONPJ	matrix spike dup, rec	2/12/2021	Pesticide	Chloroprotham	n/a	=	120	%	EPA 525.2	-88	-88	70	130	
2020/21-2	000NONPJ	matrix spike, RPD	2/12/2021	Pesticide	Chloroprotham	n/a	=	5	%	EPA 525.2	-88	-88	0	30	
2020/21-2	Lab	method blank	2/11/2021	Pesticide	Chloroprotham	n/a	<	0.04	µg/L	EPA 525.2	0.04	0.1			
2020/21-2	Lab	LCS dup	2/11/2021	Pesticide	Chloroprotham	n/a	=	5.78	µg/L	EPA 525.2	0.04	0.1			
2020/21-2	Lab	LCS dup, rec	2/11/2021	Pesticide	Chloroprotham	n/a	=	116	%	EPA 525.2	-88	-88	70	130	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2020/21-2	Lab	LCS, RPD	2/11/2021	Pesticide	Chloroprotham	n/a	=	2	%	EPA 525.2	-88	-88	0	30	
2020/21-2	Lab	LCS	2/11/2021	Pesticide	Chloroprotham	n/a	=	5.69	µg/L	EPA 525.2	0.04	0.1			
2020/21-2	Lab	LCS, rec	2/11/2021	Pesticide	Chloroprotham	n/a	=	114	%	EPA 525.2	-88	-88	70	130	
2020/21-2	Lab	method blank	2/12/2021	Pesticide	Chloroprotham	n/a	<	0.04	µg/L	EPA 525.2	0.04	0.1			
2020/21-2	Lab	LCS	2/12/2021	Pesticide	Chloroprotham	n/a	=	5.69	µg/L	EPA 525.2	0.04	0.1			
2020/21-2	Lab	LCS, rec	2/12/2021	Pesticide	Chloroprotham	n/a	=	114	%	EPA 525.2	-88	-88	70	130	
2020/21-2	Lab	LCS dup	2/12/2021	Pesticide	Chloroprotham	n/a	=	6.09	µg/L	EPA 525.2	0.04	0.1			
2020/21-2	Lab	LCS dup, rec	2/12/2021	Pesticide	Chloroprotham	n/a	=	122	%	EPA 525.2	-88	-88	70	130	
2020/21-2	Lab	LCS, RPD	2/12/2021	Pesticide	Chloroprotham	n/a	=	7	%	EPA 525.2	-88	-88	0	30	
2020/21-2	Lab	method blank	2/16/2021	Pesticide	Chloroprotham	n/a	<	0.04	µg/L	EPA 525.2	0.04	0.1			
2020/21-2	Lab	LCS	2/16/2021	Pesticide	Chloroprotham	n/a	=	5.56	µg/L	EPA 525.2	0.04	0.1			
2020/21-2	Lab	LCS, rec	2/16/2021	Pesticide	Chloroprotham	n/a	=	111	%	EPA 525.2	-88	-88	70	130	
2020/21-2	Lab	LCS dup	2/16/2021	Pesticide	Chloroprotham	n/a	=	6.34	µg/L	EPA 525.2	0.04	0.1			
2020/21-2	Lab	LCS dup, rec	2/16/2021	Pesticide	Chloroprotham	n/a	=	127	%	EPA 525.2	-88	-88	70	130	
2020/21-2	Lab	LCS, RPD	2/16/2021	Pesticide	Chloroprotham	n/a	=	13	%	EPA 525.2	-88	-88	0	30	
2020/21-2	000NONPJ	matrix spike	2/3/2021	Pesticide	Chlorpyrifos	n/a	=	0.201	µg/L	EPA 625.1m	0.034	0.05			
2020/21-2	000NONPJ	matrix spike, rec	2/3/2021	Pesticide	Chlorpyrifos	n/a	=	80	%	EPA 625.1m	-88	-88	48	151	
2020/21-2	000NONPJ	matrix spike dup	2/3/2021	Pesticide	Chlorpyrifos	n/a	=	0.188	µg/L	EPA 625.1m	0.034	0.05			
2020/21-2	000NONPJ	matrix spike dup, rec	2/3/2021	Pesticide	Chlorpyrifos	n/a	=	75	%	EPA 625.1m	-88	-88	48	151	
2020/21-2	000NONPJ	matrix spike, RPD	2/3/2021	Pesticide	Chlorpyrifos	n/a	=	6	%	EPA 625.1m	-88	-88	0	30	
2020/21-2	Lab	method blank	2/3/2021	Pesticide	Chlorpyrifos	n/a	<	0.0069	µg/L	EPA 625.1m	0.0069	0.01			
2020/21-2	Lab	LCS	2/3/2021	Pesticide	Chlorpyrifos	n/a	=	0.0414	µg/L	EPA 625.1m	0.0069	0.01			
2020/21-2	Lab	LCS, rec	2/3/2021	Pesticide	Chlorpyrifos	n/a	=	83	%	EPA 625.1m	-88	-88	50	150	
2020/21-2	000NONPJ	matrix spike	2/3/2021	Pesticide	Coumaphos	n/a	=	0.309	µg/L	EPA 625.1m	0.026	0.05			
2020/21-2	000NONPJ	matrix spike, rec	2/3/2021	Pesticide	Coumaphos	n/a	=	123	%	EPA 625.1m	-88	-88	0.1	190	
2020/21-2	000NONPJ	matrix spike dup	2/3/2021	Pesticide	Coumaphos	n/a	=	0.306	µg/L	EPA 625.1m	0.026	0.05			
2020/21-2	000NONPJ	matrix spike dup, rec	2/3/2021	Pesticide	Coumaphos	n/a	=	122	%	EPA 625.1m	-88	-88	0.1	190	
2020/21-2	000NONPJ	matrix spike, RPD	2/3/2021	Pesticide	Coumaphos	n/a	=	0.9	%	EPA 625.1m	-88	-88	0	30	
2020/21-2	Lab	method blank	2/3/2021	Pesticide	Coumaphos	n/a	<	0.0051	µg/L	EPA 625.1m	0.0051	0.01			
2020/21-2	Lab	LCS	2/3/2021	Pesticide	Coumaphos	n/a	=	0.0425	µg/L	EPA 625.1m	0.0051	0.01			
2020/21-2	Lab	LCS, rec	2/3/2021	Pesticide	Coumaphos	n/a	=	85	%	EPA 625.1m	-88	-88	0.1	184	
2020/21-2	000NONPJ	matrix spike	2/12/2021	Pesticide	Cyanazine	n/a	=	4.67	µg/L	EPA 525.2	0.04	0.1			
2020/21-2	000NONPJ	matrix spike, rec	2/12/2021	Pesticide	Cyanazine	n/a	=	93	%	EPA 525.2	-88	-88	70	130	
2020/21-2	000NONPJ	matrix spike dup	2/12/2021	Pesticide	Cyanazine	n/a	=	4.52	µg/L	EPA 525.2	0.04	0.1			
2020/21-2	000NONPJ	matrix spike dup, rec	2/12/2021	Pesticide	Cyanazine	n/a	=	90	%	EPA 525.2	-88	-88	70	130	
2020/21-2	000NONPJ	matrix spike, RPD	2/12/2021	Pesticide	Cyanazine	n/a	=	3	%	EPA 525.2	-88	-88	0	30	
2020/21-2	Lab	method blank	2/11/2021	Pesticide	Cyanazine	n/a	<	0.04	µg/L	EPA 525.2	0.04	0.1			
2020/21-2	Lab	LCS dup	2/11/2021	Pesticide	Cyanazine	n/a	=	2.7	µg/L	EPA 525.2	0.04	0.1			EUM,IL
2020/21-2	Lab	LCS dup, rec	2/11/2021	Pesticide	Cyanazine	n/a	=	54	%	EPA 525.2	-88	-88	70	130	EUM,IL
2020/21-2	Lab	LCS, RPD	2/11/2021	Pesticide	Cyanazine	n/a	=	49	%	EPA 525.2	-88	-88	0	30	EUM,IL
2020/21-2	Lab	LCS	2/11/2021	Pesticide	Cyanazine	n/a	=	4.47	µg/L	EPA 525.2	0.04	0.1			
2020/21-2	Lab	LCS, rec	2/11/2021	Pesticide	Cyanazine	n/a	=	89	%	EPA 525.2	-88	-88	70	130	
2020/21-2	Lab	method blank	2/12/2021	Pesticide	Cyanazine	n/a	<	0.04	µg/L	EPA 525.2	0.04	0.1			
2020/21-2	Lab	LCS	2/12/2021	Pesticide	Cyanazine	n/a	=	4.38	µg/L	EPA 525.2	0.04	0.1			
2020/21-2	Lab	LCS, rec	2/12/2021	Pesticide	Cyanazine	n/a	=	88	%	EPA 525.2	-88	-88	70	130	
2020/21-2	Lab	LCS dup	2/12/2021	Pesticide	Cyanazine	n/a	=	4.9	µg/L	EPA 525.2	0.04	0.1			
2020/21-2	Lab	LCS dup, rec	2/12/2021	Pesticide	Cyanazine	n/a	=	98	%	EPA 525.2	-88	-88	70	130	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2020/21-2	Lab	LCS, RPD	2/12/2021	Pesticide	Cyanazine	n/a	=	11	%	EPA 525.2	-88	-88	0	30	
2020/21-2	Lab	method blank	2/16/2021	Pesticide	Cyanazine	n/a	<	0.04	µg/L	EPA 525.2	0.04	0.1			
2020/21-2	Lab	LCS	2/16/2021	Pesticide	Cyanazine	n/a	=	4.47	µg/L	EPA 525.2	0.04	0.1			
2020/21-2	Lab	LCS, rec	2/16/2021	Pesticide	Cyanazine	n/a	=	89	%	EPA 525.2	-88	-88	70	130	
2020/21-2	Lab	LCS dup	2/16/2021	Pesticide	Cyanazine	n/a	=	4.95	µg/L	EPA 525.2	0.04	0.1			
2020/21-2	Lab	LCS dup, rec	2/16/2021	Pesticide	Cyanazine	n/a	=	99	%	EPA 525.2	-88	-88	70	130	
2020/21-2	Lab	LCS, RPD	2/16/2021	Pesticide	Cyanazine	n/a	=	10	%	EPA 525.2	-88	-88	0	30	
2020/21-2	000NONPJ	matrix spike	2/12/2021	Pesticide	Dalapon	n/a	=	8.23	µg/L	EPA 515.4	0.11	0.4			
2020/21-2	000NONPJ	matrix spike, rec	2/12/2021	Pesticide	Dalapon	n/a	=	103	%	EPA 515.4	-88	-88	70	130	
2020/21-2	000NONPJ	matrix spike dup	2/13/2021	Pesticide	Dalapon	n/a	=	8.35	µg/L	EPA 515.4	0.11	0.4			
2020/21-2	000NONPJ	matrix spike dup, rec	2/13/2021	Pesticide	Dalapon	n/a	=	104	%	EPA 515.4	-88	-88	70	130	
2020/21-2	000NONPJ	matrix spike, RPD	2/13/2021	Pesticide	Dalapon	n/a	=	1	%	EPA 515.4	-88	-88	0	30	
2020/21-2	Lab	method blank	2/12/2021	Pesticide	Dalapon	n/a	<	0.11	µg/L	EPA 515.4	0.11	0.4			
2020/21-2	Lab	LCS	2/12/2021	Pesticide	Dalapon	n/a	=	7.77	µg/L	EPA 515.4	0.11	0.4			
2020/21-2	Lab	LCS, rec	2/12/2021	Pesticide	Dalapon	n/a	=	97	%	EPA 515.4	-88	-88	70	130	
2020/21-2	000NONPJ	matrix spike	2/12/2021	Pesticide	DCPA (Dacthal)	n/a	=	3.96	µg/L	EPA 515.4	0.053	0.1			
2020/21-2	000NONPJ	matrix spike, rec	2/12/2021	Pesticide	DCPA (Dacthal)	n/a	=	99	%	EPA 515.4	-88	-88	70	130	
2020/21-2	000NONPJ	matrix spike dup	2/13/2021	Pesticide	DCPA (Dacthal)	n/a	=	3.87	µg/L	EPA 515.4	0.053	0.1			
2020/21-2	000NONPJ	matrix spike dup, rec	2/13/2021	Pesticide	DCPA (Dacthal)	n/a	=	97	%	EPA 515.4	-88	-88	70	130	
2020/21-2	000NONPJ	matrix spike, RPD	2/13/2021	Pesticide	DCPA (Dacthal)	n/a	=	2	%	EPA 515.4	-88	-88	0	30	
2020/21-2	Lab	method blank	2/12/2021	Pesticide	DCPA (Dacthal)	n/a	<	0.053	µg/L	EPA 515.4	0.053	0.1			
2020/21-2	Lab	LCS	2/12/2021	Pesticide	DCPA (Dacthal)	n/a	=	3.98	µg/L	EPA 515.4	0.053	0.1			
2020/21-2	Lab	LCS, rec	2/12/2021	Pesticide	DCPA (Dacthal)	n/a	=	100	%	EPA 515.4	-88	-88	70	130	
2020/21-2	Lab	method blank	2/16/2021	Pesticide	delta-BHC	n/a	<	0.0019	µg/L	EPA 608.3	0.0019	0.005			
2020/21-2	Lab	LCS	2/16/2021	Pesticide	delta-BHC	n/a	=	0.126	µg/L	EPA 608.3	0.0019	0.005			
2020/21-2	Lab	LCS, rec	2/16/2021	Pesticide	delta-BHC	n/a	=	126	%	EPA 608.3	-88	-88	51	130	
2020/21-2	Lab	LCS dup	2/16/2021	Pesticide	delta-BHC	n/a	=	0.127	µg/L	EPA 608.3	0.0019	0.005			
2020/21-2	Lab	LCS dup, rec	2/16/2021	Pesticide	delta-BHC	n/a	=	127	%	EPA 608.3	-88	-88	51	130	
2020/21-2	Lab	LCS, RPD	2/16/2021	Pesticide	delta-BHC	n/a	=	0.6	%	EPA 608.3	-88	-88	0	30	
2020/21-2	000NONPJ	matrix spike	2/3/2021	Pesticide	Demeton-O	n/a	=	0.352	µg/L	EPA 625.1m	0.05	0.05			
2020/21-2	000NONPJ	matrix spike, rec	2/3/2021	Pesticide	Demeton-O	n/a	=	141	%	EPA 625.1m	-88	-88	63	151	
2020/21-2	000NONPJ	matrix spike dup	2/3/2021	Pesticide	Demeton-O	n/a	=	0.329	µg/L	EPA 625.1m	0.05	0.05			
2020/21-2	000NONPJ	matrix spike dup, rec	2/3/2021	Pesticide	Demeton-O	n/a	=	132	%	EPA 625.1m	-88	-88	63	151	
2020/21-2	000NONPJ	matrix spike, RPD	2/3/2021	Pesticide	Demeton-O	n/a	=	7	%	EPA 625.1m	-88	-88	0	30	
2020/21-2	Lab	method blank	2/3/2021	Pesticide	Demeton-O	n/a	<	0.01	µg/L	EPA 625.1m	0.01	0.01			
2020/21-2	Lab	LCS	2/3/2021	Pesticide	Demeton-O	n/a	=	0.0553	µg/L	EPA 625.1m	0.01	0.01			
2020/21-2	Lab	LCS, rec	2/3/2021	Pesticide	Demeton-O	n/a	=	111	%	EPA 625.1m	-88	-88	54	160	
2020/21-2	000NONPJ	matrix spike	2/3/2021	Pesticide	Demeton-S	n/a	=	0.188	µg/L	EPA 625.1m	0.05	0.05			
2020/21-2	000NONPJ	matrix spike, rec	2/3/2021	Pesticide	Demeton-S	n/a	=	75	%	EPA 625.1m	-88	-88	0.1	204	
2020/21-2	000NONPJ	matrix spike dup	2/3/2021	Pesticide	Demeton-S	n/a	=	0.191	µg/L	EPA 625.1m	0.05	0.05			
2020/21-2	000NONPJ	matrix spike dup, rec	2/3/2021	Pesticide	Demeton-S	n/a	=	76	%	EPA 625.1m	-88	-88	0.1	204	
2020/21-2	000NONPJ	matrix spike, RPD	2/3/2021	Pesticide	Demeton-S	n/a	=	1	%	EPA 625.1m	-88	-88	0	30	
2020/21-2	Lab	method blank	2/3/2021	Pesticide	Demeton-S	n/a	<	0.01	µg/L	EPA 625.1m	0.01	0.01			
2020/21-2	Lab	LCS	2/3/2021	Pesticide	Demeton-S	n/a	=	0.0356	µg/L	EPA 625.1m	0.01	0.01			
2020/21-2	Lab	LCS, rec	2/3/2021	Pesticide	Demeton-S	n/a	=	71	%	EPA 625.1m	-88	-88	8	186	
2020/21-2	000NONPJ	matrix spike	2/3/2021	Pesticide	Diazinon	n/a	=	0.169	µg/L	EPA 625.1m	0.026	0.05			
2020/21-2	000NONPJ	matrix spike, rec	2/3/2021	Pesticide	Diazinon	n/a	=	68	%	EPA 625.1m	-88	-88	46	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	
2020/21-2	000NONPJ	matrix spike dup	2/3/2021	Pesticide	Diazinon	n/a	=	0.161	µg/L	EPA 625.1m	0.026	0.05			
2020/21-2	000NONPJ	matrix spike dup, rec	2/3/2021	Pesticide	Diazinon	n/a	=	64	%	EPA 625.1m	-88	-88	46	139	
2020/21-2	000NONPJ	matrix spike, RPD	2/3/2021	Pesticide	Diazinon	n/a	=	5	%	EPA 625.1m	-88	-88	0	30	
2020/21-2	000NONPJ	matrix spike	2/12/2021	Pesticide	Diazinon	n/a	=	5.05	µg/L	EPA 525.2	0.05	0.1			
2020/21-2	000NONPJ	matrix spike, rec	2/12/2021	Pesticide	Diazinon	n/a	=	101	%	EPA 525.2	-88	-88	50	120	
2020/21-2	000NONPJ	matrix spike dup	2/12/2021	Pesticide	Diazinon	n/a	=	4.79	µg/L	EPA 525.2	0.05	0.1			
2020/21-2	000NONPJ	matrix spike dup, rec	2/12/2021	Pesticide	Diazinon	n/a	=	96	%	EPA 525.2	-88	-88	50	120	
2020/21-2	000NONPJ	matrix spike, RPD	2/12/2021	Pesticide	Diazinon	n/a	=	5	%	EPA 525.2	-88	-88	0	30	
2020/21-2	Lab	method blank	2/3/2021	Pesticide	Diazinon	n/a	<	0.0052	µg/L	EPA 625.1m	0.0052	0.01			
2020/21-2	Lab	LCS	2/3/2021	Pesticide	Diazinon	n/a	=	0.0365	µg/L	EPA 625.1m	0.0052	0.01			
2020/21-2	Lab	LCS, rec	2/3/2021	Pesticide	Diazinon	n/a	=	73	%	EPA 625.1m	-88	-88	50	144	
2020/21-2	Lab	method blank	2/11/2021	Pesticide	Diazinon	n/a	<	0.05	µg/L	EPA 525.2	0.05	0.1			
2020/21-2	Lab	LCS dup	2/11/2021	Pesticide	Diazinon	n/a	=	4.53	µg/L	EPA 525.2	0.05	0.1			
2020/21-2	Lab	LCS dup, rec	2/11/2021	Pesticide	Diazinon	n/a	=	91	%	EPA 525.2	-88	-88	50	120	
2020/21-2	Lab	LCS, RPD	2/11/2021	Pesticide	Diazinon	n/a	=	7	%	EPA 525.2	-88	-88	0	30	
2020/21-2	Lab	LCS	2/11/2021	Pesticide	Diazinon	n/a	=	4.86	µg/L	EPA 525.2	0.05	0.1			
2020/21-2	Lab	LCS, rec	2/11/2021	Pesticide	Diazinon	n/a	=	97	%	EPA 525.2	-88	-88	50	120	
2020/21-2	Lab	method blank	2/12/2021	Pesticide	Diazinon	n/a	<	0.05	µg/L	EPA 525.2	0.05	0.1			
2020/21-2	Lab	LCS	2/12/2021	Pesticide	Diazinon	n/a	=	5.17	µg/L	EPA 525.2	0.05	0.1			
2020/21-2	Lab	LCS, rec	2/12/2021	Pesticide	Diazinon	n/a	=	103	%	EPA 525.2	-88	-88	50	120	
2020/21-2	Lab	LCS dup	2/12/2021	Pesticide	Diazinon	n/a	=	4.98	µg/L	EPA 525.2	0.05	0.1			
2020/21-2	Lab	LCS dup, rec	2/12/2021	Pesticide	Diazinon	n/a	=	100	%	EPA 525.2	-88	-88	50	120	
2020/21-2	Lab	LCS, RPD	2/12/2021	Pesticide	Diazinon	n/a	=	4	%	EPA 525.2	-88	-88	0	30	
2020/21-2	Lab	method blank	2/16/2021	Pesticide	Diazinon	n/a	<	0.05	µg/L	EPA 525.2	0.05	0.1			
2020/21-2	Lab	LCS	2/16/2021	Pesticide	Diazinon	n/a	=	5.06	µg/L	EPA 525.2	0.05	0.1			
2020/21-2	Lab	LCS, rec	2/16/2021	Pesticide	Diazinon	n/a	=	101	%	EPA 525.2	-88	-88	50	120	
2020/21-2	Lab	LCS dup	2/16/2021	Pesticide	Diazinon	n/a	=	4.73	µg/L	EPA 525.2	0.05	0.1			
2020/21-2	Lab	LCS dup, rec	2/16/2021	Pesticide	Diazinon	n/a	=	95	%	EPA 525.2	-88	-88	50	120	
2020/21-2	Lab	LCS, RPD	2/16/2021	Pesticide	Diazinon	n/a	=	7	%	EPA 525.2	-88	-88	0	30	
2020/21-2	000NONPJ	matrix spike	2/12/2021	Pesticide	Dicamba	n/a	=	7.89	µg/L	EPA 515.4	0.075	0.6			
2020/21-2	000NONPJ	matrix spike, rec	2/12/2021	Pesticide	Dicamba	n/a	=	99	%	EPA 515.4	-88	-88	70	130	
2020/21-2	000NONPJ	matrix spike dup	2/13/2021	Pesticide	Dicamba	n/a	=	7.67	µg/L	EPA 515.4	0.075	0.6			
2020/21-2	000NONPJ	matrix spike dup, rec	2/13/2021	Pesticide	Dicamba	n/a	=	96	%	EPA 515.4	-88	-88	70	130	
2020/21-2	000NONPJ	matrix spike, RPD	2/13/2021	Pesticide	Dicamba	n/a	=	3	%	EPA 515.4	-88	-88	0	30	
2020/21-2	Lab	method blank	2/12/2021	Pesticide	Dicamba	n/a	<	0.075	µg/L	EPA 515.4	0.075	0.6			
2020/21-2	Lab	LCS	2/12/2021	Pesticide	Dicamba	n/a	=	8.04	µg/L	EPA 515.4	0.075	0.6			
2020/21-2	Lab	LCS, rec	2/12/2021	Pesticide	Dicamba	n/a	=	101	%	EPA 515.4	-88	-88	70	130	
2020/21-2	000NONPJ	matrix spike	2/12/2021	Pesticide	Dichlorprop	n/a	=	8.2	µg/L	EPA 515.4	0.12	0.3			
2020/21-2	000NONPJ	matrix spike, rec	2/12/2021	Pesticide	Dichlorprop	n/a	=	103	%	EPA 515.4	-88	-88	70	130	
2020/21-2	000NONPJ	matrix spike dup	2/13/2021	Pesticide	Dichlorprop	n/a	=	8.02	µg/L	EPA 515.4	0.12	0.3			
2020/21-2	000NONPJ	matrix spike dup, rec	2/13/2021	Pesticide	Dichlorprop	n/a	=	100	%	EPA 515.4	-88	-88	70	130	
2020/21-2	000NONPJ	matrix spike, RPD	2/13/2021	Pesticide	Dichlorprop	n/a	=	2	%	EPA 515.4	-88	-88	0	30	
2020/21-2	Lab	method blank	2/12/2021	Pesticide	Dichlorprop	n/a	<	0.12	µg/L	EPA 515.4	0.12	0.3			
2020/21-2	Lab	LCS	2/12/2021	Pesticide	Dichlorprop	n/a	=	8.42	µg/L	EPA 515.4	0.12	0.3			
2020/21-2	Lab	LCS, rec	2/12/2021	Pesticide	Dichlorprop	n/a	=	105	%	EPA 515.4	-88	-88	70	130	
2020/21-2	000NONPJ	matrix spike	2/3/2021	Pesticide	Dichlorvos	n/a	=	0.141	µg/L	EPA 625.1m	0.014	0.05			
2020/21-2	000NONPJ	matrix spike, rec	2/3/2021	Pesticide	Dichlorvos	n/a	=	56	%	EPA 625.1m	-88	-88	52	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	
2020/21-2	000NONPJ	matrix spike dup	2/3/2021	Pesticide	Dichlorvos	n/a	=	0.135	µg/L	EPA 625.1m	0.014	0.05			
2020/21-2	000NONPJ	matrix spike dup, rec	2/3/2021	Pesticide	Dichlorvos	n/a	=	54	%	EPA 625.1m	-88	-88	52	132	
2020/21-2	000NONPJ	matrix spike, RPD	2/3/2021	Pesticide	Dichlorvos	n/a	=	4	%	EPA 625.1m	-88	-88	0	30	
2020/21-2	Lab	method blank	2/3/2021	Pesticide	Dichlorvos	n/a	<	0.0029	µg/L	EPA 625.1m	0.0029	0.01			
2020/21-2	Lab	LCS	2/3/2021	Pesticide	Dichlorvos	n/a	=	0.0332	µg/L	EPA 625.1m	0.0029	0.01			
2020/21-2	Lab	LCS, rec	2/3/2021	Pesticide	Dichlorvos	n/a	=	66	%	EPA 625.1m	-88	-88	49	143	
2020/21-2	Lab	method blank	2/16/2021	Pesticide	Dieldrin	n/a	<	0.0008	µg/L	EPA 608.3	0.0008	0.01			
2020/21-2	Lab	LCS	2/16/2021	Pesticide	Dieldrin	n/a	=	0.122	µg/L	EPA 608.3	0.0008	0.01			
2020/21-2	Lab	LCS, rec	2/16/2021	Pesticide	Dieldrin	n/a	=	122	%	EPA 608.3	-88	-88	58	130	
2020/21-2	Lab	LCS dup	2/16/2021	Pesticide	Dieldrin	n/a	=	0.123	µg/L	EPA 608.3	0.0008	0.01			
2020/21-2	Lab	LCS dup, rec	2/16/2021	Pesticide	Dieldrin	n/a	=	123	%	EPA 608.3	-88	-88	58	130	
2020/21-2	Lab	LCS, RPD	2/16/2021	Pesticide	Dieldrin	n/a	=	0.5	%	EPA 608.3	-88	-88	0	30	
2020/21-2	000NONPJ	matrix spike	2/3/2021	Pesticide	Dimethoate	n/a	=	0.204	µg/L	EPA 625.1m	0.031	0.05			
2020/21-2	000NONPJ	matrix spike, rec	2/3/2021	Pesticide	Dimethoate	n/a	=	82	%	EPA 625.1m	-88	-88	0.1	208	
2020/21-2	000NONPJ	matrix spike dup	2/3/2021	Pesticide	Dimethoate	n/a	=	0.186	µg/L	EPA 625.1m	0.031	0.05			
2020/21-2	000NONPJ	matrix spike dup, rec	2/3/2021	Pesticide	Dimethoate	n/a	=	74	%	EPA 625.1m	-88	-88	0.1	208	
2020/21-2	000NONPJ	matrix spike, RPD	2/3/2021	Pesticide	Dimethoate	n/a	=	9	%	EPA 625.1m	-88	-88	0	30	
2020/21-2	000NONPJ	matrix spike	2/12/2021	Pesticide	Dimethoate	n/a	=	5.67	µg/L	EPA 525.2	0.02	0.2			
2020/21-2	000NONPJ	matrix spike, rec	2/12/2021	Pesticide	Dimethoate	n/a	=	113	%	EPA 525.2	-88	-88	50	120	
2020/21-2	000NONPJ	matrix spike dup	2/12/2021	Pesticide	Dimethoate	n/a	=	5.21	µg/L	EPA 525.2	0.02	0.2			
2020/21-2	000NONPJ	matrix spike dup, rec	2/12/2021	Pesticide	Dimethoate	n/a	=	104	%	EPA 525.2	-88	-88	50	120	
2020/21-2	000NONPJ	matrix spike, RPD	2/12/2021	Pesticide	Dimethoate	n/a	=	9	%	EPA 525.2	-88	-88	0	30	
2020/21-2	Lab	method blank	2/3/2021	Pesticide	Dimethoate	n/a	<	0.0062	µg/L	EPA 625.1m	0.0062	0.01			
2020/21-2	Lab	LCS	2/3/2021	Pesticide	Dimethoate	n/a	=	0.037	µg/L	EPA 625.1m	0.0062	0.01			
2020/21-2	Lab	LCS, rec	2/3/2021	Pesticide	Dimethoate	n/a	=	74	%	EPA 625.1m	-88	-88	11	224	
2020/21-2	Lab	method blank	2/11/2021	Pesticide	Dimethoate	n/a	<	0.02	µg/L	EPA 525.2	0.02	0.2			
2020/21-2	Lab	LCS dup	2/11/2021	Pesticide	Dimethoate	n/a	=	3.24	µg/L	EPA 525.2	0.02	0.2			IL
2020/21-2	Lab	LCS dup, rec	2/11/2021	Pesticide	Dimethoate	n/a	=	65	%	EPA 525.2	-88	-88	50	120	IL
2020/21-2	Lab	LCS, RPD	2/11/2021	Pesticide	Dimethoate	n/a	=	49	%	EPA 525.2	-88	-88	0	30	IL
2020/21-2	Lab	LCS	2/11/2021	Pesticide	Dimethoate	n/a	=	5.32	µg/L	EPA 525.2	0.02	0.2			
2020/21-2	Lab	LCS, rec	2/11/2021	Pesticide	Dimethoate	n/a	=	106	%	EPA 525.2	-88	-88	50	120	
2020/21-2	Lab	method blank	2/12/2021	Pesticide	Dimethoate	n/a	<	0.02	µg/L	EPA 525.2	0.02	0.2			
2020/21-2	Lab	LCS	2/12/2021	Pesticide	Dimethoate	n/a	=	4.59	µg/L	EPA 525.2	0.02	0.2			
2020/21-2	Lab	LCS, rec	2/12/2021	Pesticide	Dimethoate	n/a	=	92	%	EPA 525.2	-88	-88	50	120	
2020/21-2	Lab	LCS dup	2/12/2021	Pesticide	Dimethoate	n/a	=	5.29	µg/L	EPA 525.2	0.02	0.2			
2020/21-2	Lab	LCS dup, rec	2/12/2021	Pesticide	Dimethoate	n/a	=	106	%	EPA 525.2	-88	-88	50	120	
2020/21-2	Lab	LCS, RPD	2/12/2021	Pesticide	Dimethoate	n/a	=	14	%	EPA 525.2	-88	-88	0	30	
2020/21-2	Lab	method blank	2/16/2021	Pesticide	Dimethoate	n/a	<	0.02	µg/L	EPA 525.2	0.02	0.2			
2020/21-2	Lab	LCS	2/16/2021	Pesticide	Dimethoate	n/a	=	4.48	µg/L	EPA 525.2	0.02	0.2			
2020/21-2	Lab	LCS, rec	2/16/2021	Pesticide	Dimethoate	n/a	=	90	%	EPA 525.2	-88	-88	50	120	
2020/21-2	Lab	LCS dup	2/16/2021	Pesticide	Dimethoate	n/a	=	5.46	µg/L	EPA 525.2	0.02	0.2			
2020/21-2	Lab	LCS dup, rec	2/16/2021	Pesticide	Dimethoate	n/a	=	109	%	EPA 525.2	-88	-88	50	120	
2020/21-2	Lab	LCS, RPD	2/16/2021	Pesticide	Dimethoate	n/a	=	20	%	EPA 525.2	-88	-88	0	30	
2020/21-2	000NONPJ	matrix spike	2/12/2021	Pesticide	Dinoseb	n/a	=	3.97	µg/L	EPA 515.4	0.055	0.4			
2020/21-2	000NONPJ	matrix spike, rec	2/12/2021	Pesticide	Dinoseb	n/a	=	99	%	EPA 515.4	-88	-88	70	130	
2020/21-2	000NONPJ	matrix spike dup	2/13/2021	Pesticide	Dinoseb	n/a	=	3.8	µg/L	EPA 515.4	0.055	0.4			
2020/21-2	000NONPJ	matrix spike dup, rec	2/13/2021	Pesticide	Dinoseb	n/a	=	95	%	EPA 515.4	-88	-88	70	130	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2020/21-2	000NONPJ	matrix spike, RPD	2/13/2021	Pesticide	Dinoseb	n/a	=	4	%	EPA 515.4	-88	-88	0	30	
2020/21-2	Lab	method blank	2/12/2021	Pesticide	Dinoseb	n/a	<	0.055	µg/L	EPA 515.4	0.055	0.4			
2020/21-2	Lab	LCS	2/12/2021	Pesticide	Dinoseb	n/a	=	4.12	µg/L	EPA 515.4	0.055	0.4			
2020/21-2	Lab	LCS, rec	2/12/2021	Pesticide	Dinoseb	n/a	=	103	%	EPA 515.4	-88	-88	70	130	
2020/21-2	000NONPJ	matrix spike	2/12/2021	Pesticide	Diphenamid	n/a	=	5.94	µg/L	EPA 525.2	0.03	0.1			
2020/21-2	000NONPJ	matrix spike, rec	2/12/2021	Pesticide	Diphenamid	n/a	=	119	%	EPA 525.2	-88	-88	70	130	
2020/21-2	000NONPJ	matrix spike dup	2/12/2021	Pesticide	Diphenamid	n/a	=	5.79	µg/L	EPA 525.2	0.03	0.1			
2020/21-2	000NONPJ	matrix spike dup, rec	2/12/2021	Pesticide	Diphenamid	n/a	=	116	%	EPA 525.2	-88	-88	70	130	
2020/21-2	000NONPJ	matrix spike, RPD	2/12/2021	Pesticide	Diphenamid	n/a	=	3	%	EPA 525.2	-88	-88	0	30	
2020/21-2	Lab	method blank	2/11/2021	Pesticide	Diphenamid	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1			
2020/21-2	Lab	LCS dup	2/11/2021	Pesticide	Diphenamid	n/a	=	5.94	µg/L	EPA 525.2	0.03	0.1			
2020/21-2	Lab	LCS dup, rec	2/11/2021	Pesticide	Diphenamid	n/a	=	119	%	EPA 525.2	-88	-88	70	130	
2020/21-2	Lab	LCS, RPD	2/11/2021	Pesticide	Diphenamid	n/a	=	2	%	EPA 525.2	-88	-88	0	30	
2020/21-2	Lab	LCS	2/11/2021	Pesticide	Diphenamid	n/a	=	6.04	µg/L	EPA 525.2	0.03	0.1			
2020/21-2	Lab	LCS, rec	2/11/2021	Pesticide	Diphenamid	n/a	=	121	%	EPA 525.2	-88	-88	70	130	
2020/21-2	Lab	method blank	2/12/2021	Pesticide	Diphenamid	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1			
2020/21-2	Lab	LCS	2/12/2021	Pesticide	Diphenamid	n/a	=	5.62	µg/L	EPA 525.2	0.03	0.1			
2020/21-2	Lab	LCS, rec	2/12/2021	Pesticide	Diphenamid	n/a	=	112	%	EPA 525.2	-88	-88	70	130	
2020/21-2	Lab	LCS dup	2/12/2021	Pesticide	Diphenamid	n/a	=	6.05	µg/L	EPA 525.2	0.03	0.1			
2020/21-2	Lab	LCS dup, rec	2/12/2021	Pesticide	Diphenamid	n/a	=	121	%	EPA 525.2	-88	-88	70	130	
2020/21-2	Lab	LCS, RPD	2/12/2021	Pesticide	Diphenamid	n/a	=	7	%	EPA 525.2	-88	-88	0	30	
2020/21-2	Lab	method blank	2/16/2021	Pesticide	Diphenamid	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1			
2020/21-2	Lab	LCS	2/16/2021	Pesticide	Diphenamid	n/a	=	5.78	µg/L	EPA 525.2	0.03	0.1			
2020/21-2	Lab	LCS, rec	2/16/2021	Pesticide	Diphenamid	n/a	=	116	%	EPA 525.2	-88	-88	70	130	
2020/21-2	Lab	LCS dup	2/16/2021	Pesticide	Diphenamid	n/a	=	6.16	µg/L	EPA 525.2	0.03	0.1			
2020/21-2	Lab	LCS dup, rec	2/16/2021	Pesticide	Diphenamid	n/a	=	123	%	EPA 525.2	-88	-88	70	130	
2020/21-2	Lab	LCS, RPD	2/16/2021	Pesticide	Diphenamid	n/a	=	6	%	EPA 525.2	-88	-88	0	30	
2020/21-2	000NONPJ	matrix spike	2/3/2021	Pesticide	Disulfoton	n/a	=	0.19	µg/L	EPA 625.1m	0.05	0.05			
2020/21-2	000NONPJ	matrix spike, rec	2/3/2021	Pesticide	Disulfoton	n/a	=	76	%	EPA 625.1m	-88	-88	33	172	
2020/21-2	000NONPJ	matrix spike dup	2/3/2021	Pesticide	Disulfoton	n/a	=	0.18	µg/L	EPA 625.1m	0.05	0.05			
2020/21-2	000NONPJ	matrix spike dup, rec	2/3/2021	Pesticide	Disulfoton	n/a	=	72	%	EPA 625.1m	-88	-88	33	172	
2020/21-2	000NONPJ	matrix spike, RPD	2/3/2021	Pesticide	Disulfoton	n/a	=	6	%	EPA 625.1m	-88	-88	0	30	
2020/21-2	000NONPJ	matrix spike	2/12/2021	Pesticide	Disulfoton	n/a	=	4.38	µg/L	EPA 525.2	0.04	0.1			
2020/21-2	000NONPJ	matrix spike, rec	2/12/2021	Pesticide	Disulfoton	n/a	=	88	%	EPA 525.2	-88	-88	50	120	
2020/21-2	000NONPJ	matrix spike dup	2/12/2021	Pesticide	Disulfoton	n/a	=	4.13	µg/L	EPA 525.2	0.04	0.1			
2020/21-2	000NONPJ	matrix spike dup, rec	2/12/2021	Pesticide	Disulfoton	n/a	=	83	%	EPA 525.2	-88	-88	50	120	
2020/21-2	000NONPJ	matrix spike, RPD	2/12/2021	Pesticide	Disulfoton	n/a	=	6	%	EPA 525.2	-88	-88	0	30	
2020/21-2	Lab	method blank	2/3/2021	Pesticide	Disulfoton	n/a	<	0.01	µg/L	EPA 625.1m	0.01	0.01			
2020/21-2	Lab	LCS	2/3/2021	Pesticide	Disulfoton	n/a	=	0.0363	µg/L	EPA 625.1m	0.01	0.01			
2020/21-2	Lab	LCS, rec	2/3/2021	Pesticide	Disulfoton	n/a	=	73	%	EPA 625.1m	-88	-88	26	169	
2020/21-2	Lab	method blank	2/11/2021	Pesticide	Disulfoton	n/a	<	0.04	µg/L	EPA 525.2	0.04	0.1			
2020/21-2	Lab	LCS dup	2/11/2021	Pesticide	Disulfoton	n/a	=	4.24	µg/L	EPA 525.2	0.04	0.1			
2020/21-2	Lab	LCS dup, rec	2/11/2021	Pesticide	Disulfoton	n/a	=	85	%	EPA 525.2	-88	-88	50	120	
2020/21-2	Lab	LCS, RPD	2/11/2021	Pesticide	Disulfoton	n/a	=	12	%	EPA 525.2	-88	-88	0	30	
2020/21-2	Lab	LCS	2/11/2021	Pesticide	Disulfoton	n/a	=	4.8	µg/L	EPA 525.2	0.04	0.1			
2020/21-2	Lab	LCS, rec	2/11/2021	Pesticide	Disulfoton	n/a	=	96	%	EPA 525.2	-88	-88	50	120	
2020/21-2	Lab	method blank	2/12/2021	Pesticide	Disulfoton	n/a	<	0.04	µg/L	EPA 525.2	0.04	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	
2020/21-2	Lab	LCS	2/12/2021	Pesticide	Disulfoton	n/a	=	4.16	µg/L	EPA 525.2	0.04	0.1			
2020/21-2	Lab	LCS, rec	2/12/2021	Pesticide	Disulfoton	n/a	=	83	%	EPA 525.2	-88	-88	50	120	
2020/21-2	Lab	LCS dup	2/12/2021	Pesticide	Disulfoton	n/a	=	4.33	µg/L	EPA 525.2	0.04	0.1			
2020/21-2	Lab	LCS dup, rec	2/12/2021	Pesticide	Disulfoton	n/a	=	87	%	EPA 525.2	-88	-88	50	120	
2020/21-2	Lab	LCS, RPD	2/12/2021	Pesticide	Disulfoton	n/a	=	4	%	EPA 525.2	-88	-88	0	30	
2020/21-2	Lab	method blank	2/16/2021	Pesticide	Disulfoton	n/a	<	0.04	µg/L	EPA 525.2	0.04	0.1			
2020/21-2	Lab	LCS	2/16/2021	Pesticide	Disulfoton	n/a	=	4.08	µg/L	EPA 525.2	0.04	0.1			
2020/21-2	Lab	LCS, rec	2/16/2021	Pesticide	Disulfoton	n/a	=	82	%	EPA 525.2	-88	-88	50	120	
2020/21-2	Lab	LCS dup	2/16/2021	Pesticide	Disulfoton	n/a	=	4.27	µg/L	EPA 525.2	0.04	0.1			
2020/21-2	Lab	LCS dup, rec	2/16/2021	Pesticide	Disulfoton	n/a	=	85	%	EPA 525.2	-88	-88	50	120	
2020/21-2	Lab	LCS, RPD	2/16/2021	Pesticide	Disulfoton	n/a	=	4	%	EPA 525.2	-88	-88	0	30	
2020/21-2	Lab	method blank	2/16/2021	Pesticide	Endosulfan I	n/a	<	0.0009	µg/L	EPA 608.3	0.0009	0.02			
2020/21-2	Lab	LCS	2/16/2021	Pesticide	Endosulfan I	n/a	=	0.102	µg/L	EPA 608.3	0.0009	0.02			
2020/21-2	Lab	LCS, rec	2/16/2021	Pesticide	Endosulfan I	n/a	=	102	%	EPA 608.3	-88	-88	57	141	
2020/21-2	Lab	LCS dup	2/16/2021	Pesticide	Endosulfan I	n/a	=	0.101	µg/L	EPA 608.3	0.0009	0.02			
2020/21-2	Lab	LCS dup, rec	2/16/2021	Pesticide	Endosulfan I	n/a	=	101	%	EPA 608.3	-88	-88	57	141	
2020/21-2	Lab	LCS, RPD	2/16/2021	Pesticide	Endosulfan I	n/a	=	0.9	%	EPA 608.3	-88	-88	0	30	
2020/21-2	Lab	method blank	2/16/2021	Pesticide	Endosulfan II	n/a	<	0.0007	µg/L	EPA 608.3	0.0007	0.01			
2020/21-2	Lab	LCS	2/16/2021	Pesticide	Endosulfan II	n/a	=	0.109	µg/L	EPA 608.3	0.0007	0.01			
2020/21-2	Lab	LCS, rec	2/16/2021	Pesticide	Endosulfan II	n/a	=	109	%	EPA 608.3	-88	-88	22	171	
2020/21-2	Lab	LCS dup	2/16/2021	Pesticide	Endosulfan II	n/a	=	0.108	µg/L	EPA 608.3	0.0007	0.01			
2020/21-2	Lab	LCS dup, rec	2/16/2021	Pesticide	Endosulfan II	n/a	=	108	%	EPA 608.3	-88	-88	22	171	
2020/21-2	Lab	LCS, RPD	2/16/2021	Pesticide	Endosulfan II	n/a	=	0.8	%	EPA 608.3	-88	-88	0	30	
2020/21-2	Lab	method blank	2/16/2021	Pesticide	Endosulfan sulfate	n/a	<	0.0013	µg/L	EPA 608.3	0.0013	0.05			
2020/21-2	Lab	LCS	2/16/2021	Pesticide	Endosulfan sulfate	n/a	=	0.134	µg/L	EPA 608.3	0.0013	0.05			EUM
2020/21-2	Lab	LCS, rec	2/16/2021	Pesticide	Endosulfan sulfate	n/a	=	134	%	EPA 608.3	-88	-88	38	132	EUM
2020/21-2	Lab	LCS dup	2/16/2021	Pesticide	Endosulfan sulfate	n/a	=	0.133	µg/L	EPA 608.3	0.0013	0.05			EUM
2020/21-2	Lab	LCS dup, rec	2/16/2021	Pesticide	Endosulfan sulfate	n/a	=	133	%	EPA 608.3	-88	-88	38	132	EUM
2020/21-2	Lab	LCS, RPD	2/16/2021	Pesticide	Endosulfan sulfate	n/a	=	0.8	%	EPA 608.3	-88	-88	0	30	EUM
2020/21-2	Lab	method blank	2/16/2021	Pesticide	Endrin	n/a	<	0.0017	µg/L	EPA 608.3	0.0017	0.01			
2020/21-2	Lab	LCS	2/16/2021	Pesticide	Endrin	n/a	=	0.134	µg/L	EPA 608.3	0.0017	0.01			EUM
2020/21-2	Lab	LCS, rec	2/16/2021	Pesticide	Endrin	n/a	=	134	%	EPA 608.3	-88	-88	51	130	EUM
2020/21-2	Lab	LCS dup	2/16/2021	Pesticide	Endrin	n/a	=	0.131	µg/L	EPA 608.3	0.0017	0.01			EUM
2020/21-2	Lab	LCS dup, rec	2/16/2021	Pesticide	Endrin	n/a	=	131	%	EPA 608.3	-88	-88	51	130	EUM
2020/21-2	Lab	LCS, RPD	2/16/2021	Pesticide	Endrin	n/a	=	2	%	EPA 608.3	-88	-88	0	30	EUM
2020/21-2	Lab	method blank	2/16/2021	Pesticide	Endrin aldehyde	n/a	<	0.0019	µg/L	EPA 608.3	0.0019	0.01			
2020/21-2	Lab	LCS	2/16/2021	Pesticide	Endrin aldehyde	n/a	=	0.133	µg/L	EPA 608.3	0.0019	0.01			EUM
2020/21-2	Lab	LCS, rec	2/16/2021	Pesticide	Endrin aldehyde	n/a	=	133	%	EPA 608.3	-88	-88	18	130	EUM
2020/21-2	Lab	LCS dup	2/16/2021	Pesticide	Endrin aldehyde	n/a	=	0.13	µg/L	EPA 608.3	0.0019	0.01			
2020/21-2	Lab	LCS dup, rec	2/16/2021	Pesticide	Endrin aldehyde	n/a	=	130	%	EPA 608.3	-88	-88	18	130	
2020/21-2	Lab	LCS, RPD	2/16/2021	Pesticide	Endrin aldehyde	n/a	=	2	%	EPA 608.3	-88	-88	0	30	
2020/21-2	000NONPJ	matrix spike	2/12/2021	Pesticide	EPTC	n/a	=	5.26	µg/L	EPA 525.2	0.02	0.1			
2020/21-2	000NONPJ	matrix spike, rec	2/12/2021	Pesticide	EPTC	n/a	=	105	%	EPA 525.2	-88	-88	70	130	
2020/21-2	000NONPJ	matrix spike dup	2/12/2021	Pesticide	EPTC	n/a	=	5.23	µg/L	EPA 525.2	0.02	0.1			
2020/21-2	000NONPJ	matrix spike dup, rec	2/12/2021	Pesticide	EPTC	n/a	=	105	%	EPA 525.2	-88	-88	70	130	
2020/21-2	000NONPJ	matrix spike, RPD	2/12/2021	Pesticide	EPTC	n/a	=	0.6	%	EPA 525.2	-88	-88	0	30	
2020/21-2	Lab	method blank	2/11/2021	Pesticide	EPTC	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	
2020/21-2	Lab	LCS dup	2/11/2021	Pesticide	EPTC	n/a	=	5.26	µg/L	EPA 525.2	0.02	0.1			
2020/21-2	Lab	LCS dup, rec	2/11/2021	Pesticide	EPTC	n/a	=	105	%	EPA 525.2	-88	-88	70	130	
2020/21-2	Lab	LCS, RPD	2/11/2021	Pesticide	EPTC	n/a	=	1	%	EPA 525.2	-88	-88	0	30	
2020/21-2	Lab	LCS	2/11/2021	Pesticide	EPTC	n/a	=	5.31	µg/L	EPA 525.2	0.02	0.1			
2020/21-2	Lab	LCS, rec	2/11/2021	Pesticide	EPTC	n/a	=	106	%	EPA 525.2	-88	-88	70	130	
2020/21-2	Lab	method blank	2/12/2021	Pesticide	EPTC	n/a	<	0.02	µg/L	EPA 525.2	0.02	0.1			
2020/21-2	Lab	LCS	2/12/2021	Pesticide	EPTC	n/a	=	5.25	µg/L	EPA 525.2	0.02	0.1			
2020/21-2	Lab	LCS, rec	2/12/2021	Pesticide	EPTC	n/a	=	105	%	EPA 525.2	-88	-88	70	130	
2020/21-2	Lab	LCS dup	2/12/2021	Pesticide	EPTC	n/a	=	5.14	µg/L	EPA 525.2	0.02	0.1			
2020/21-2	Lab	LCS dup, rec	2/12/2021	Pesticide	EPTC	n/a	=	103	%	EPA 525.2	-88	-88	70	130	
2020/21-2	Lab	LCS, RPD	2/12/2021	Pesticide	EPTC	n/a	=	2	%	EPA 525.2	-88	-88	0	30	
2020/21-2	Lab	method blank	2/16/2021	Pesticide	EPTC	n/a	<	0.02	µg/L	EPA 525.2	0.02	0.1			
2020/21-2	Lab	LCS	2/16/2021	Pesticide	EPTC	n/a	=	5.1	µg/L	EPA 525.2	0.02	0.1			
2020/21-2	Lab	LCS, rec	2/16/2021	Pesticide	EPTC	n/a	=	102	%	EPA 525.2	-88	-88	70	130	
2020/21-2	Lab	LCS dup	2/16/2021	Pesticide	EPTC	n/a	=	5.3	µg/L	EPA 525.2	0.02	0.1			
2020/21-2	Lab	LCS dup, rec	2/16/2021	Pesticide	EPTC	n/a	=	106	%	EPA 525.2	-88	-88	70	130	
2020/21-2	Lab	LCS, RPD	2/16/2021	Pesticide	EPTC	n/a	=	4	%	EPA 525.2	-88	-88	0	30	
2020/21-2	000NONPJ	matrix spike	2/3/2021	Pesticide	Ethoprop	n/a	=	0.191	µg/L	EPA 625.1m	0.034	0.05			
2020/21-2	000NONPJ	matrix spike, rec	2/3/2021	Pesticide	Ethoprop	n/a	=	76	%	EPA 625.1m	-88	-88	50	150	
2020/21-2	000NONPJ	matrix spike dup	2/3/2021	Pesticide	Ethoprop	n/a	=	0.175	µg/L	EPA 625.1m	0.034	0.05			
2020/21-2	000NONPJ	matrix spike dup, rec	2/3/2021	Pesticide	Ethoprop	n/a	=	70	%	EPA 625.1m	-88	-88	50	150	
2020/21-2	000NONPJ	matrix spike, RPD	2/3/2021	Pesticide	Ethoprop	n/a	=	8	%	EPA 625.1m	-88	-88	0	30	
2020/21-2	Lab	method blank	2/3/2021	Pesticide	Ethoprop	n/a	<	0.0067	µg/L	EPA 625.1m	0.0067	0.01			
2020/21-2	Lab	LCS	2/3/2021	Pesticide	Ethoprop	n/a	=	0.0389	µg/L	EPA 625.1m	0.0067	0.01			
2020/21-2	Lab	LCS, rec	2/3/2021	Pesticide	Ethoprop	n/a	=	78	%	EPA 625.1m	-88	-88	50	150	
2020/21-2	000NONPJ	matrix spike	2/3/2021	Pesticide	Ethyl parathion	n/a	=	0.212	µg/L	EPA 625.1m	0.027	0.05			
2020/21-2	000NONPJ	matrix spike, rec	2/3/2021	Pesticide	Ethyl parathion	n/a	=	85	%	EPA 625.1m	-88	-88	26	201	
2020/21-2	000NONPJ	matrix spike dup	2/3/2021	Pesticide	Ethyl parathion	n/a	=	0.207	µg/L	EPA 625.1m	0.027	0.05			
2020/21-2	000NONPJ	matrix spike dup, rec	2/3/2021	Pesticide	Ethyl parathion	n/a	=	83	%	EPA 625.1m	-88	-88	26	201	
2020/21-2	000NONPJ	matrix spike, RPD	2/3/2021	Pesticide	Ethyl parathion	n/a	=	3	%	EPA 625.1m	-88	-88	0	30	
2020/21-2	Lab	method blank	2/3/2021	Pesticide	Ethyl parathion	n/a	<	0.0054	µg/L	EPA 625.1m	0.0054	0.01			
2020/21-2	Lab	LCS	2/3/2021	Pesticide	Ethyl parathion	n/a	=	0.0425	µg/L	EPA 625.1m	0.0054	0.01			
2020/21-2	Lab	LCS, rec	2/3/2021	Pesticide	Ethyl parathion	n/a	=	85	%	EPA 625.1m	-88	-88	9	216	
2020/21-2	000NONPJ	matrix spike	2/3/2021	Pesticide	Fensulfothion	n/a	=	0.181	µg/L	EPA 625.1m	0.014	0.05			
2020/21-2	000NONPJ	matrix spike, rec	2/3/2021	Pesticide	Fensulfothion	n/a	=	73	%	EPA 625.1m	-88	-88	0.1	231	
2020/21-2	000NONPJ	matrix spike dup	2/3/2021	Pesticide	Fensulfothion	n/a	=	0.17	µg/L	EPA 625.1m	0.014	0.05			
2020/21-2	000NONPJ	matrix spike dup, rec	2/3/2021	Pesticide	Fensulfothion	n/a	=	68	%	EPA 625.1m	-88	-88	0.1	231	
2020/21-2	000NONPJ	matrix spike, RPD	2/3/2021	Pesticide	Fensulfothion	n/a	=	6	%	EPA 625.1m	-88	-88	0	30	
2020/21-2	Lab	method blank	2/3/2021	Pesticide	Fensulfothion	n/a	<	0.0029	µg/L	EPA 625.1m	0.0029	0.01			
2020/21-2	Lab	LCS	2/3/2021	Pesticide	Fensulfothion	n/a	=	0.0353	µg/L	EPA 625.1m	0.0029	0.01			
2020/21-2	Lab	LCS, rec	2/3/2021	Pesticide	Fensulfothion	n/a	=	71	%	EPA 625.1m	-88	-88	0.1	249	
2020/21-2	000NONPJ	matrix spike	2/3/2021	Pesticide	Fenthion	n/a	=	0.216	µg/L	EPA 625.1m	0.019	0.05			
2020/21-2	000NONPJ	matrix spike, rec	2/3/2021	Pesticide	Fenthion	n/a	=	86	%	EPA 625.1m	-88	-88	27	164	
2020/21-2	000NONPJ	matrix spike dup	2/3/2021	Pesticide	Fenthion	n/a	=	0.205	µg/L	EPA 625.1m	0.019	0.05			
2020/21-2	000NONPJ	matrix spike dup, rec	2/3/2021	Pesticide	Fenthion	n/a	=	82	%	EPA 625.1m	-88	-88	27	164	
2020/21-2	000NONPJ	matrix spike, RPD	2/3/2021	Pesticide	Fenthion	n/a	=	5	%	EPA 625.1m	-88	-88	0	30	
2020/21-2	Lab	method blank	2/3/2021	Pesticide	Fenthion	n/a	<	0.0038	µg/L	EPA 625.1m	0.0038	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	
2020/21-2	Lab	LCS	2/3/2021	Pesticide	Fenthion	n/a	=	0.0404	µg/L	EPA 625.1m	0.0038	0.01			
2020/21-2	Lab	LCS, rec	2/3/2021	Pesticide	Fenthion	n/a	=	81	%	EPA 625.1m	-88	-88	37	154	
2020/21-2	Lab	method blank	2/16/2021	Pesticide	gamma-BHC (Lindane)	n/a	<	0.0004	µg/L	EPA 608.3	0.0004	0.02			
2020/21-2	Lab	LCS	2/16/2021	Pesticide	gamma-BHC (Lindane)	n/a	=	0.123	µg/L	EPA 608.3	0.0004	0.02			
2020/21-2	Lab	LCS, rec	2/16/2021	Pesticide	gamma-BHC (Lindane)	n/a	=	123	%	EPA 608.3	-88	-88	43	130	
2020/21-2	Lab	LCS dup	2/16/2021	Pesticide	gamma-BHC (Lindane)	n/a	=	0.124	µg/L	EPA 608.3	0.0004	0.02			
2020/21-2	Lab	LCS dup, rec	2/16/2021	Pesticide	gamma-BHC (Lindane)	n/a	=	124	%	EPA 608.3	-88	-88	43	130	
2020/21-2	Lab	LCS, RPD	2/16/2021	Pesticide	gamma-BHC (Lindane)	n/a	=	1	%	EPA 608.3	-88	-88	0	30	
2020/21-2	Lab	method blank	2/16/2021	Pesticide	gamma-Chlordane	n/a	<	0.0023	µg/L	EPA 608.3	0.0023	0.01			
2020/21-2	000NONPJ	matrix spike	2/3/2021	Pesticide	Glyphosate	n/a	=	25.1	µg/L	EPA 547	1.8	5			
2020/21-2	000NONPJ	matrix spike, rec	2/3/2021	Pesticide	Glyphosate	n/a	=	100	%	EPA 547	-88	-88	41	149	
2020/21-2	000NONPJ	matrix spike dup	2/3/2021	Pesticide	Glyphosate	n/a	=	27.4	µg/L	EPA 547	1.8	5			
2020/21-2	000NONPJ	matrix spike dup, rec	2/3/2021	Pesticide	Glyphosate	n/a	=	110	%	EPA 547	-88	-88	41	149	
2020/21-2	000NONPJ	matrix spike, RPD	2/3/2021	Pesticide	Glyphosate	n/a	=	9	%	EPA 547	-88	-88	0	30	
2020/21-2	Lab	method blank	2/3/2021	Pesticide	Glyphosate	n/a	<	1.8	µg/L	EPA 547	1.8	5			
2020/21-2	Lab	LCS	2/3/2021	Pesticide	Glyphosate	n/a	=	24.9	µg/L	EPA 547	1.8	5			
2020/21-2	Lab	LCS, rec	2/3/2021	Pesticide	Glyphosate	n/a	=	100	%	EPA 547	-88	-88	70	130	
2020/21-2	MO-CAM	matrix spike	2/3/2021	Pesticide	Glyphosate	n/a	=	30.4	µg/L	EPA 547	1.8	5			
2020/21-2	MO-CAM	matrix spike, rec	2/3/2021	Pesticide	Glyphosate	n/a	=	102	%	EPA 547	-88	-88	41	149	
2020/21-2	MO-CAM	matrix spike dup	2/3/2021	Pesticide	Glyphosate	n/a	=	29.9	µg/L	EPA 547	1.8	5			
2020/21-2	MO-CAM	matrix spike dup, rec	2/3/2021	Pesticide	Glyphosate	n/a	=	100	%	EPA 547	-88	-88	41	149	
2020/21-2	MO-CAM	matrix spike, RPD	2/3/2021	Pesticide	Glyphosate	n/a	=	1	%	EPA 547	-88	-88	0	30	
2020/21-2	Lab	method blank	2/16/2021	Pesticide	Heptachlor	n/a	<	0.0006	µg/L	EPA 608.3	0.0006	0.01			
2020/21-2	Lab	LCS	2/16/2021	Pesticide	Heptachlor	n/a	=	0.116	µg/L	EPA 608.3	0.0006	0.01			
2020/21-2	Lab	LCS, rec	2/16/2021	Pesticide	Heptachlor	n/a	=	116	%	EPA 608.3	-88	-88	43	130	
2020/21-2	Lab	LCS dup	2/16/2021	Pesticide	Heptachlor	n/a	=	0.119	µg/L	EPA 608.3	0.0006	0.01			
2020/21-2	Lab	LCS dup, rec	2/16/2021	Pesticide	Heptachlor	n/a	=	119	%	EPA 608.3	-88	-88	43	130	
2020/21-2	Lab	LCS, RPD	2/16/2021	Pesticide	Heptachlor	n/a	=	2	%	EPA 608.3	-88	-88	0	30	
2020/21-2	Lab	method blank	2/16/2021	Pesticide	Heptachlor epoxide	n/a	<	0.0004	µg/L	EPA 608.3	0.0004	0.01			
2020/21-2	Lab	LCS	2/16/2021	Pesticide	Heptachlor epoxide	n/a	=	0.123	µg/L	EPA 608.3	0.0004	0.01			
2020/21-2	Lab	LCS, rec	2/16/2021	Pesticide	Heptachlor epoxide	n/a	=	123	%	EPA 608.3	-88	-88	57	132	
2020/21-2	Lab	LCS dup	2/16/2021	Pesticide	Heptachlor epoxide	n/a	=	0.125	µg/L	EPA 608.3	0.0004	0.01			
2020/21-2	Lab	LCS dup, rec	2/16/2021	Pesticide	Heptachlor epoxide	n/a	=	125	%	EPA 608.3	-88	-88	57	132	
2020/21-2	Lab	LCS, RPD	2/16/2021	Pesticide	Heptachlor epoxide	n/a	=	1	%	EPA 608.3	-88	-88	0	30	
2020/21-2	000NONPJ	matrix spike	2/3/2021	Pesticide	Malathion	n/a	=	0.222	µg/L	EPA 625.1m	0.038	0.05			
2020/21-2	000NONPJ	matrix spike, rec	2/3/2021	Pesticide	Malathion	n/a	=	89	%	EPA 625.1m	-88	-88	15	161	
2020/21-2	000NONPJ	matrix spike dup	2/3/2021	Pesticide	Malathion	n/a	=	0.212	µg/L	EPA 625.1m	0.038	0.05			
2020/21-2	000NONPJ	matrix spike dup, rec	2/3/2021	Pesticide	Malathion	n/a	=	85	%	EPA 625.1m	-88	-88	15	161	
2020/21-2	000NONPJ	matrix spike, RPD	2/3/2021	Pesticide	Malathion	n/a	=	5	%	EPA 625.1m	-88	-88	0	30	
2020/21-2	Lab	method blank	2/3/2021	Pesticide	Malathion	n/a	<	0.0076	µg/L	EPA 625.1m	0.0076	0.01			
2020/21-2	Lab	LCS	2/3/2021	Pesticide	Malathion	n/a	=	0.0431	µg/L	EPA 625.1m	0.0076	0.01			
2020/21-2	Lab	LCS, rec	2/3/2021	Pesticide	Malathion	n/a	=	86	%	EPA 625.1m	-88	-88	50	150	
2020/21-2	000NONPJ	matrix spike	2/3/2021	Pesticide	Merphos	n/a	=	0.143	µg/L	EPA 625.1m	0.029	0.05			
2020/21-2	000NONPJ	matrix spike, rec	2/3/2021	Pesticide	Merphos	n/a	=	57	%	EPA 625.1m	-88	-88	4	191	
2020/21-2	000NONPJ	matrix spike dup	2/3/2021	Pesticide	Merphos	n/a	=	0.127	µg/L	EPA 625.1m	0.029	0.05			
2020/21-2	000NONPJ	matrix spike dup, rec	2/3/2021	Pesticide	Merphos	n/a	=	51	%	EPA 625.1m	-88	-88	4	191	
2020/21-2	000NONPJ	matrix spike, RPD	2/3/2021	Pesticide	Merphos	n/a	=	12	%	EPA 625.1m	-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	
2020/21-2	Lab	method blank	2/3/2021	Pesticide	Merphos	n/a	<	0.0058	µg/L	EPA 625.1m	0.0058	0.01			
2020/21-2	Lab	LCS	2/3/2021	Pesticide	Merphos	n/a	=	0.0372	µg/L	EPA 625.1m	0.0058	0.01			
2020/21-2	Lab	LCS, rec	2/3/2021	Pesticide	Merphos	n/a	=	74	%	EPA 625.1m	-88	-88	16	175	
2020/21-2	Lab	method blank	2/16/2021	Pesticide	Methoxychlor	n/a	<	0.0014	µg/L	EPA 608.3	0.0014	0.02			
2020/21-2	Lab	LCS	2/16/2021	Pesticide	Methoxychlor	n/a	=	0.123	µg/L	EPA 608.3	0.0014	0.02			
2020/21-2	Lab	LCS, rec	2/16/2021	Pesticide	Methoxychlor	n/a	=	123	%	EPA 608.3	-88	-88	50	130	
2020/21-2	Lab	LCS dup	2/16/2021	Pesticide	Methoxychlor	n/a	=	0.116	µg/L	EPA 608.3	0.0014	0.02			
2020/21-2	Lab	LCS dup, rec	2/16/2021	Pesticide	Methoxychlor	n/a	=	116	%	EPA 608.3	-88	-88	50	130	
2020/21-2	Lab	LCS, RPD	2/16/2021	Pesticide	Methoxychlor	n/a	=	6	%	EPA 608.3	-88	-88	0	30	
2020/21-2	000NONPJ	matrix spike	2/3/2021	Pesticide	Methyl parathion	n/a	=	0.219	µg/L	EPA 625.1m	0.032	0.05			
2020/21-2	000NONPJ	matrix spike, rec	2/3/2021	Pesticide	Methyl parathion	n/a	=	88	%	EPA 625.1m	-88	-88	10	213	
2020/21-2	000NONPJ	matrix spike dup	2/3/2021	Pesticide	Methyl parathion	n/a	=	0.213	µg/L	EPA 625.1m	0.032	0.05			
2020/21-2	000NONPJ	matrix spike dup, rec	2/3/2021	Pesticide	Methyl parathion	n/a	=	85	%	EPA 625.1m	-88	-88	10	213	
2020/21-2	000NONPJ	matrix spike, RPD	2/3/2021	Pesticide	Methyl parathion	n/a	=	3	%	EPA 625.1m	-88	-88	0	30	
2020/21-2	Lab	method blank	2/3/2021	Pesticide	Methyl parathion	n/a	<	0.0063	µg/L	EPA 625.1m	0.0063	0.01			
2020/21-2	Lab	LCS	2/3/2021	Pesticide	Methyl parathion	n/a	=	0.043	µg/L	EPA 625.1m	0.0063	0.01			
2020/21-2	Lab	LCS, rec	2/3/2021	Pesticide	Methyl parathion	n/a	=	86	%	EPA 625.1m	-88	-88	3	224	
2020/21-2	000NONPJ	matrix spike	2/12/2021	Pesticide	Metolachlor	n/a	=	5.4	µg/L	EPA 525.2	0.03	0.1			
2020/21-2	000NONPJ	matrix spike, rec	2/12/2021	Pesticide	Metolachlor	n/a	=	108	%	EPA 525.2	-88	-88	60	130	
2020/21-2	000NONPJ	matrix spike dup	2/12/2021	Pesticide	Metolachlor	n/a	=	5.5	µg/L	EPA 525.2	0.03	0.1			
2020/21-2	000NONPJ	matrix spike dup, rec	2/12/2021	Pesticide	Metolachlor	n/a	=	110	%	EPA 525.2	-88	-88	60	130	
2020/21-2	000NONPJ	matrix spike, RPD	2/12/2021	Pesticide	Metolachlor	n/a	=	2	%	EPA 525.2	-88	-88	0	30	
2020/21-2	Lab	method blank	2/11/2021	Pesticide	Metolachlor	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1			
2020/21-2	Lab	LCS dup	2/11/2021	Pesticide	Metolachlor	n/a	=	5.45	µg/L	EPA 525.2	0.03	0.1			
2020/21-2	Lab	LCS dup, rec	2/11/2021	Pesticide	Metolachlor	n/a	=	109	%	EPA 525.2	-88	-88	60	130	
2020/21-2	Lab	LCS, RPD	2/11/2021	Pesticide	Metolachlor	n/a	=	4	%	EPA 525.2	-88	-88	0	30	
2020/21-2	Lab	LCS	2/11/2021	Pesticide	Metolachlor	n/a	=	5.65	µg/L	EPA 525.2	0.03	0.1			
2020/21-2	Lab	LCS, rec	2/11/2021	Pesticide	Metolachlor	n/a	=	113	%	EPA 525.2	-88	-88	60	130	
2020/21-2	Lab	method blank	2/12/2021	Pesticide	Metolachlor	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1			
2020/21-2	Lab	LCS	2/12/2021	Pesticide	Metolachlor	n/a	=	5.54	µg/L	EPA 525.2	0.03	0.1			
2020/21-2	Lab	LCS, rec	2/12/2021	Pesticide	Metolachlor	n/a	=	111	%	EPA 525.2	-88	-88	60	130	
2020/21-2	Lab	LCS dup	2/12/2021	Pesticide	Metolachlor	n/a	=	5.53	µg/L	EPA 525.2	0.03	0.1			
2020/21-2	Lab	LCS dup, rec	2/12/2021	Pesticide	Metolachlor	n/a	=	111	%	EPA 525.2	-88	-88	60	130	
2020/21-2	Lab	LCS, RPD	2/12/2021	Pesticide	Metolachlor	n/a	=	0.2	%	EPA 525.2	-88	-88	0	30	
2020/21-2	Lab	method blank	2/16/2021	Pesticide	Metolachlor	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1			
2020/21-2	Lab	LCS	2/16/2021	Pesticide	Metolachlor	n/a	=	5.66	µg/L	EPA 525.2	0.03	0.1			
2020/21-2	Lab	LCS, rec	2/16/2021	Pesticide	Metolachlor	n/a	=	113	%	EPA 525.2	-88	-88	60	130	
2020/21-2	Lab	LCS dup	2/16/2021	Pesticide	Metolachlor	n/a	=	5.57	µg/L	EPA 525.2	0.03	0.1			
2020/21-2	Lab	LCS dup, rec	2/16/2021	Pesticide	Metolachlor	n/a	=	111	%	EPA 525.2	-88	-88	60	130	
2020/21-2	Lab	LCS, RPD	2/16/2021	Pesticide	Metolachlor	n/a	=	2	%	EPA 525.2	-88	-88	0	30	
2020/21-2	000NONPJ	matrix spike	2/12/2021	Pesticide	Metribuzin	n/a	=	4.97	µg/L	EPA 525.2	0.03	0.1			
2020/21-2	000NONPJ	matrix spike, rec	2/12/2021	Pesticide	Metribuzin	n/a	=	99	%	EPA 525.2	-88	-88	50	120	
2020/21-2	000NONPJ	matrix spike dup	2/12/2021	Pesticide	Metribuzin	n/a	=	4.98	µg/L	EPA 525.2	0.03	0.1			
2020/21-2	000NONPJ	matrix spike dup, rec	2/12/2021	Pesticide	Metribuzin	n/a	=	100	%	EPA 525.2	-88	-88	50	120	
2020/21-2	000NONPJ	matrix spike, RPD	2/12/2021	Pesticide	Metribuzin	n/a	=	0.2	%	EPA 525.2	-88	-88	0	30	
2020/21-2	Lab	method blank	2/11/2021	Pesticide	Metribuzin	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1			
2020/21-2	Lab	LCS dup	2/11/2021	Pesticide	Metribuzin	n/a	=	4.48	µg/L	EPA 525.2	0.03	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	
2020/21-2	Lab	LCS dup, rec	2/11/2021	Pesticide	Metribuzin	n/a	=	90	%	EPA 525.2	-88	-88	50	120	
2020/21-2	Lab	LCS, RPD	2/11/2021	Pesticide	Metribuzin	n/a	=	12	%	EPA 525.2	-88	-88	0	30	
2020/21-2	Lab	LCS	2/11/2021	Pesticide	Metribuzin	n/a	=	5.05	µg/L	EPA 525.2	0.03	0.1			
2020/21-2	Lab	LCS, rec	2/11/2021	Pesticide	Metribuzin	n/a	=	101	%	EPA 525.2	-88	-88	50	120	
2020/21-2	Lab	method blank	2/12/2021	Pesticide	Metribuzin	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1			
2020/21-2	Lab	LCS	2/12/2021	Pesticide	Metribuzin	n/a	=	4.93	µg/L	EPA 525.2	0.03	0.1			
2020/21-2	Lab	LCS, rec	2/12/2021	Pesticide	Metribuzin	n/a	=	99	%	EPA 525.2	-88	-88	50	120	
2020/21-2	Lab	LCS dup	2/12/2021	Pesticide	Metribuzin	n/a	=	5.12	µg/L	EPA 525.2	0.03	0.1			
2020/21-2	Lab	LCS dup, rec	2/12/2021	Pesticide	Metribuzin	n/a	=	102	%	EPA 525.2	-88	-88	50	120	
2020/21-2	Lab	LCS, RPD	2/12/2021	Pesticide	Metribuzin	n/a	=	4	%	EPA 525.2	-88	-88	0	30	
2020/21-2	Lab	method blank	2/16/2021	Pesticide	Metribuzin	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1			
2020/21-2	Lab	LCS	2/16/2021	Pesticide	Metribuzin	n/a	=	5.04	µg/L	EPA 525.2	0.03	0.1			
2020/21-2	Lab	LCS, rec	2/16/2021	Pesticide	Metribuzin	n/a	=	101	%	EPA 525.2	-88	-88	50	120	
2020/21-2	Lab	LCS dup	2/16/2021	Pesticide	Metribuzin	n/a	=	4.96	µg/L	EPA 525.2	0.03	0.1			
2020/21-2	Lab	LCS dup, rec	2/16/2021	Pesticide	Metribuzin	n/a	=	99	%	EPA 525.2	-88	-88	50	120	
2020/21-2	Lab	LCS, RPD	2/16/2021	Pesticide	Metribuzin	n/a	=	2	%	EPA 525.2	-88	-88	0	30	
2020/21-2	000NONPJ	matrix spike	2/3/2021	Pesticide	Mevinphos	n/a	=	0.183	µg/L	EPA 625.1m	0.021	0.05			
2020/21-2	000NONPJ	matrix spike, rec	2/3/2021	Pesticide	Mevinphos	n/a	=	73	%	EPA 625.1m	-88	-88	0.1	204	
2020/21-2	000NONPJ	matrix spike dup	2/3/2021	Pesticide	Mevinphos	n/a	=	0.171	µg/L	EPA 625.1m	0.021	0.05			
2020/21-2	000NONPJ	matrix spike dup, rec	2/3/2021	Pesticide	Mevinphos	n/a	=	69	%	EPA 625.1m	-88	-88	0.1	204	
2020/21-2	000NONPJ	matrix spike, RPD	2/3/2021	Pesticide	Mevinphos	n/a	=	7	%	EPA 625.1m	-88	-88	0	30	
2020/21-2	Lab	method blank	2/3/2021	Pesticide	Mevinphos	n/a	<	0.0042	µg/L	EPA 625.1m	0.0042	0.01			
2020/21-2	Lab	LCS	2/3/2021	Pesticide	Mevinphos	n/a	=	0.0354	µg/L	EPA 625.1m	0.0042	0.01			
2020/21-2	Lab	LCS, rec	2/3/2021	Pesticide	Mevinphos	n/a	=	71	%	EPA 625.1m	-88	-88	8	186	
2020/21-2	000NONPJ	matrix spike	2/12/2021	Pesticide	Molinate	n/a	=	4.38	µg/L	EPA 525.2	0.03	0.1			
2020/21-2	000NONPJ	matrix spike, rec	2/12/2021	Pesticide	Molinate	n/a	=	88	%	EPA 525.2	-88	-88	70	130	
2020/21-2	000NONPJ	matrix spike dup	2/12/2021	Pesticide	Molinate	n/a	=	4.12	µg/L	EPA 525.2	0.03	0.1			
2020/21-2	000NONPJ	matrix spike dup, rec	2/12/2021	Pesticide	Molinate	n/a	=	82	%	EPA 525.2	-88	-88	70	130	
2020/21-2	000NONPJ	matrix spike, RPD	2/12/2021	Pesticide	Molinate	n/a	=	6	%	EPA 525.2	-88	-88	0	30	
2020/21-2	Lab	method blank	2/11/2021	Pesticide	Molinate	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1			
2020/21-2	Lab	LCS dup	2/11/2021	Pesticide	Molinate	n/a	=	4.94	µg/L	EPA 525.2	0.03	0.1			
2020/21-2	Lab	LCS dup, rec	2/11/2021	Pesticide	Molinate	n/a	=	99	%	EPA 525.2	-88	-88	70	130	
2020/21-2	Lab	LCS, RPD	2/11/2021	Pesticide	Molinate	n/a	=	2	%	EPA 525.2	-88	-88	0	30	
2020/21-2	Lab	LCS	2/11/2021	Pesticide	Molinate	n/a	=	4.87	µg/L	EPA 525.2	0.03	0.1			
2020/21-2	Lab	LCS, rec	2/11/2021	Pesticide	Molinate	n/a	=	97	%	EPA 525.2	-88	-88	70	130	
2020/21-2	Lab	method blank	2/12/2021	Pesticide	Molinate	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1			
2020/21-2	Lab	LCS	2/12/2021	Pesticide	Molinate	n/a	=	4.13	µg/L	EPA 525.2	0.03	0.1			
2020/21-2	Lab	LCS, rec	2/12/2021	Pesticide	Molinate	n/a	=	83	%	EPA 525.2	-88	-88	70	130	
2020/21-2	Lab	LCS dup	2/12/2021	Pesticide	Molinate	n/a	=	4.31	µg/L	EPA 525.2	0.03	0.1			
2020/21-2	Lab	LCS dup, rec	2/12/2021	Pesticide	Molinate	n/a	=	86	%	EPA 525.2	-88	-88	70	130	
2020/21-2	Lab	LCS, RPD	2/12/2021	Pesticide	Molinate	n/a	=	4	%	EPA 525.2	-88	-88	0	30	
2020/21-2	Lab	method blank	2/16/2021	Pesticide	Molinate	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1			
2020/21-2	Lab	LCS	2/16/2021	Pesticide	Molinate	n/a	=	4.08	µg/L	EPA 525.2	0.03	0.1			
2020/21-2	Lab	LCS, rec	2/16/2021	Pesticide	Molinate	n/a	=	82	%	EPA 525.2	-88	-88	70	130	
2020/21-2	Lab	LCS dup	2/16/2021	Pesticide	Molinate	n/a	=	4.28	µg/L	EPA 525.2	0.03	0.1			
2020/21-2	Lab	LCS dup, rec	2/16/2021	Pesticide	Molinate	n/a	=	86	%	EPA 525.2	-88	-88	70	130	
2020/21-2	Lab	LCS, RPD	2/16/2021	Pesticide	Molinate	n/a	=	5	%	EPA 525.2	-88	-88	0	30	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2020/21-2	000NONPJ	matrix spike	2/3/2021	Pesticide	Naled	n/a	=	0.362	µg/L	EPA 625.1m	0.038	0.05			
2020/21-2	000NONPJ	matrix spike, rec	2/3/2021	Pesticide	Naled	n/a	=	145	%	EPA 625.1m	-88	-88	0.1	206	
2020/21-2	000NONPJ	matrix spike dup	2/3/2021	Pesticide	Naled	n/a	=	0.322	µg/L	EPA 625.1m	0.038	0.05			
2020/21-2	000NONPJ	matrix spike dup, rec	2/3/2021	Pesticide	Naled	n/a	=	129	%	EPA 625.1m	-88	-88	0.1	206	
2020/21-2	000NONPJ	matrix spike, RPD	2/3/2021	Pesticide	Naled	n/a	=	12	%	EPA 625.1m	-88	-88	0	30	
2020/21-2	Lab	method blank	2/3/2021	Pesticide	Naled	n/a	<	0.0076	µg/L	EPA 625.1m	0.0076	0.01			
2020/21-2	Lab	LCS	2/3/2021	Pesticide	Naled	n/a	=	0.0647	µg/L	EPA 625.1m	0.0076	0.01			
2020/21-2	Lab	LCS, rec	2/3/2021	Pesticide	Naled	n/a	=	129	%	EPA 625.1m	-88	-88	0.1	207	
2020/21-2	000NONPJ	matrix spike	2/12/2021	Pesticide	Pentachlorophenol	n/a	=	4.06	µg/L	EPA 515.4	0.046	0.2			
2020/21-2	000NONPJ	matrix spike, rec	2/12/2021	Pesticide	Pentachlorophenol	n/a	=	102	%	EPA 515.4	-88	-88	70	130	
2020/21-2	000NONPJ	matrix spike dup	2/13/2021	Pesticide	Pentachlorophenol	n/a	=	3.97	µg/L	EPA 515.4	0.046	0.2			
2020/21-2	000NONPJ	matrix spike dup, rec	2/13/2021	Pesticide	Pentachlorophenol	n/a	=	99	%	EPA 515.4	-88	-88	70	130	
2020/21-2	000NONPJ	matrix spike, RPD	2/13/2021	Pesticide	Pentachlorophenol	n/a	=	2	%	EPA 515.4	-88	-88	0	30	
2020/21-2	Lab	LCS	2/9/2021	Pesticide	Pentachlorophenol	n/a	=	9.31	µg/L	EPA 625.1	0.4	1			
2020/21-2	Lab	LCS, rec	2/9/2021	Pesticide	Pentachlorophenol	n/a	=	93	%	EPA 625.1	-88	-88	41	120	
2020/21-2	Lab	LCS dup	2/9/2021	Pesticide	Pentachlorophenol	n/a	=	9.65	µg/L	EPA 625.1	0.4	1			
2020/21-2	Lab	LCS dup, rec	2/9/2021	Pesticide	Pentachlorophenol	n/a	=	96	%	EPA 625.1	-88	-88	41	120	
2020/21-2	Lab	LCS, RPD	2/9/2021	Pesticide	Pentachlorophenol	n/a	=	4	%	EPA 625.1	-88	-88	0	30	
2020/21-2	Lab	method blank	2/9/2021	Pesticide	Pentachlorophenol	n/a	<	0.4	µg/L	EPA 625.1	0.4	1			
2020/21-2	Lab	method blank	2/12/2021	Pesticide	Pentachlorophenol	n/a	<	0.046	µg/L	EPA 515.4	0.046	0.2			
2020/21-2	Lab	LCS	2/12/2021	Pesticide	Pentachlorophenol	n/a	=	4.11	µg/L	EPA 515.4	0.046	0.2			
2020/21-2	Lab	LCS, rec	2/12/2021	Pesticide	Pentachlorophenol	n/a	=	103	%	EPA 515.4	-88	-88	70	130	
2020/21-2	Lab	method blank	3/5/2021	Pesticide	Pentachlorophenol	n/a	<	0.15	µg/L	EPA 8270C	0.15	1			
2020/21-2	Lab	LCS	3/5/2021	Pesticide	Pentachlorophenol	n/a	=	9.02	µg/L	EPA 8270C	0.15	1			
2020/21-2	Lab	LCS, rec	3/5/2021	Pesticide	Pentachlorophenol	n/a	=	90	%	EPA 8270C	-88	-88	29	106	
2020/21-2	Lab	LCS dup	3/5/2021	Pesticide	Pentachlorophenol	n/a	=	9.11	µg/L	EPA 8270C	0.15	1			
2020/21-2	Lab	LCS dup, rec	3/5/2021	Pesticide	Pentachlorophenol	n/a	=	91	%	EPA 8270C	-88	-88	29	106	
2020/21-2	Lab	LCS, RPD	3/5/2021	Pesticide	Pentachlorophenol	n/a	=	1	%	EPA 8270C	-88	-88	0	30	
2020/21-2	000NONPJ	matrix spike	2/3/2021	Pesticide	Phorate	n/a	=	0.21	µg/L	EPA 625.1m	0.015	0.05			
2020/21-2	000NONPJ	matrix spike, rec	2/3/2021	Pesticide	Phorate	n/a	=	84	%	EPA 625.1m	-88	-88	33	172	
2020/21-2	000NONPJ	matrix spike dup	2/3/2021	Pesticide	Phorate	n/a	=	0.191	µg/L	EPA 625.1m	0.015	0.05			
2020/21-2	000NONPJ	matrix spike dup, rec	2/3/2021	Pesticide	Phorate	n/a	=	76	%	EPA 625.1m	-88	-88	33	172	
2020/21-2	000NONPJ	matrix spike, RPD	2/3/2021	Pesticide	Phorate	n/a	=	9	%	EPA 625.1m	-88	-88	0	30	
2020/21-2	Lab	method blank	2/3/2021	Pesticide	Phorate	n/a	<	0.003	µg/L	EPA 625.1m	0.003	0.01			
2020/21-2	Lab	LCS	2/3/2021	Pesticide	Phorate	n/a	=	0.041	µg/L	EPA 625.1m	0.003	0.01			
2020/21-2	Lab	LCS, rec	2/3/2021	Pesticide	Phorate	n/a	=	82	%	EPA 625.1m	-88	-88	34	166	
2020/21-2	000NONPJ	matrix spike	2/12/2021	Pesticide	Picloram	n/a	=	4.04	µg/L	EPA 515.4	0.038	0.6			
2020/21-2	000NONPJ	matrix spike, rec	2/12/2021	Pesticide	Picloram	n/a	=	101	%	EPA 515.4	-88	-88	70	130	
2020/21-2	000NONPJ	matrix spike dup	2/13/2021	Pesticide	Picloram	n/a	=	4	µg/L	EPA 515.4	0.038	0.6			
2020/21-2	000NONPJ	matrix spike dup, rec	2/13/2021	Pesticide	Picloram	n/a	=	100	%	EPA 515.4	-88	-88	70	130	
2020/21-2	000NONPJ	matrix spike, RPD	2/13/2021	Pesticide	Picloram	n/a	=	1	%	EPA 515.4	-88	-88	0	30	
2020/21-2	Lab	method blank	2/12/2021	Pesticide	Picloram	n/a	<	0.038	µg/L	EPA 515.4	0.038	0.6			
2020/21-2	Lab	LCS	2/12/2021	Pesticide	Picloram	n/a	=	4.05	µg/L	EPA 515.4	0.038	0.6			
2020/21-2	Lab	LCS, rec	2/12/2021	Pesticide	Picloram	n/a	=	101	%	EPA 515.4	-88	-88	70	130	
2020/21-2	000NONPJ	matrix spike	2/12/2021	Pesticide	Prometon	n/a	=	2.88	µg/L	EPA 525.2	0.01	0.1			
2020/21-2	000NONPJ	matrix spike, rec	2/12/2021	Pesticide	Prometon	n/a	=	58	%	EPA 525.2	-88	-88	15	120	
2020/21-2	000NONPJ	matrix spike dup	2/12/2021	Pesticide	Prometon	n/a	=	3.06	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	
2020/21-2	000NONPJ	matrix spike dup, rec	2/12/2021	Pesticide	Prometon	n/a	=	61	%	EPA 525.2	-88	-88	15	120	
2020/21-2	000NONPJ	matrix spike, RPD	2/12/2021	Pesticide	Prometon	n/a	=	6	%	EPA 525.2	-88	-88	0	30	
2020/21-2	Lab	method blank	2/11/2021	Pesticide	Prometon	n/a	<	0.01	µg/L	EPA 525.2	0.01	0.1			
2020/21-2	Lab	LCS dup	2/11/2021	Pesticide	Prometon	n/a	=	2.65	µg/L	EPA 525.2	0.01	0.1			
2020/21-2	Lab	LCS dup, rec	2/11/2021	Pesticide	Prometon	n/a	=	53	%	EPA 525.2	-88	-88	15	120	
2020/21-2	Lab	LCS, RPD	2/11/2021	Pesticide	Prometon	n/a	=	20	%	EPA 525.2	-88	-88	0	30	
2020/21-2	Lab	LCS	2/11/2021	Pesticide	Prometon	n/a	=	3.22	µg/L	EPA 525.2	0.01	0.1			
2020/21-2	Lab	LCS, rec	2/11/2021	Pesticide	Prometon	n/a	=	64	%	EPA 525.2	-88	-88	15	120	
2020/21-2	Lab	method blank	2/12/2021	Pesticide	Prometon	n/a	<	0.01	µg/L	EPA 525.2	0.01	0.1			
2020/21-2	Lab	LCS	2/12/2021	Pesticide	Prometon	n/a	=	2.94	µg/L	EPA 525.2	0.01	0.1			
2020/21-2	Lab	LCS, rec	2/12/2021	Pesticide	Prometon	n/a	=	59	%	EPA 525.2	-88	-88	15	120	
2020/21-2	Lab	LCS dup	2/12/2021	Pesticide	Prometon	n/a	=	3.1	µg/L	EPA 525.2	0.01	0.1			
2020/21-2	Lab	LCS dup, rec	2/12/2021	Pesticide	Prometon	n/a	=	62	%	EPA 525.2	-88	-88	15	120	
2020/21-2	Lab	LCS, RPD	2/12/2021	Pesticide	Prometon	n/a	=	5	%	EPA 525.2	-88	-88	0	30	
2020/21-2	Lab	method blank	2/16/2021	Pesticide	Prometon	n/a	<	0.01	µg/L	EPA 525.2	0.01	0.1			
2020/21-2	Lab	LCS	2/16/2021	Pesticide	Prometon	n/a	=	2.98	µg/L	EPA 525.2	0.01	0.1			
2020/21-2	Lab	LCS, rec	2/16/2021	Pesticide	Prometon	n/a	=	60	%	EPA 525.2	-88	-88	15	120	
2020/21-2	Lab	LCS dup	2/16/2021	Pesticide	Prometon	n/a	=	3.1	µg/L	EPA 525.2	0.01	0.1			
2020/21-2	Lab	LCS dup, rec	2/16/2021	Pesticide	Prometon	n/a	=	62	%	EPA 525.2	-88	-88	15	120	
2020/21-2	Lab	LCS, RPD	2/16/2021	Pesticide	Prometon	n/a	=	4	%	EPA 525.2	-88	-88	0	30	
2020/21-2	000NONPJ	matrix spike	2/12/2021	Pesticide	Prometryn	n/a	=	3.49	µg/L	EPA 525.2	0.03	0.1			
2020/21-2	000NONPJ	matrix spike, rec	2/12/2021	Pesticide	Prometryn	n/a	=	70	%	EPA 525.2	-88	-88	30	120	
2020/21-2	000NONPJ	matrix spike dup	2/12/2021	Pesticide	Prometryn	n/a	=	3.24	µg/L	EPA 525.2	0.03	0.1			
2020/21-2	000NONPJ	matrix spike dup, rec	2/12/2021	Pesticide	Prometryn	n/a	=	65	%	EPA 525.2	-88	-88	30	120	
2020/21-2	000NONPJ	matrix spike, RPD	2/12/2021	Pesticide	Prometryn	n/a	=	7	%	EPA 525.2	-88	-88	0	30	
2020/21-2	Lab	method blank	2/11/2021	Pesticide	Prometryn	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1			
2020/21-2	Lab	LCS dup	2/11/2021	Pesticide	Prometryn	n/a	=	3.7	µg/L	EPA 525.2	0.03	0.1			
2020/21-2	Lab	LCS dup, rec	2/11/2021	Pesticide	Prometryn	n/a	=	74	%	EPA 525.2	-88	-88	30	120	
2020/21-2	Lab	LCS, RPD	2/11/2021	Pesticide	Prometryn	n/a	=	4	%	EPA 525.2	-88	-88	0	30	
2020/21-2	Lab	LCS	2/11/2021	Pesticide	Prometryn	n/a	=	3.85	µg/L	EPA 525.2	0.03	0.1			
2020/21-2	Lab	LCS, rec	2/11/2021	Pesticide	Prometryn	n/a	=	77	%	EPA 525.2	-88	-88	30	120	
2020/21-2	Lab	method blank	2/12/2021	Pesticide	Prometryn	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1			
2020/21-2	Lab	LCS	2/12/2021	Pesticide	Prometryn	n/a	=	3.36	µg/L	EPA 525.2	0.03	0.1			
2020/21-2	Lab	LCS, rec	2/12/2021	Pesticide	Prometryn	n/a	=	67	%	EPA 525.2	-88	-88	30	120	
2020/21-2	Lab	LCS dup	2/12/2021	Pesticide	Prometryn	n/a	=	3.57	µg/L	EPA 525.2	0.03	0.1			
2020/21-2	Lab	LCS dup, rec	2/12/2021	Pesticide	Prometryn	n/a	=	71	%	EPA 525.2	-88	-88	30	120	
2020/21-2	Lab	LCS, RPD	2/12/2021	Pesticide	Prometryn	n/a	=	6	%	EPA 525.2	-88	-88	0	30	
2020/21-2	Lab	method blank	2/16/2021	Pesticide	Prometryn	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1			
2020/21-2	Lab	LCS	2/16/2021	Pesticide	Prometryn	n/a	=	3.56	µg/L	EPA 525.2	0.03	0.1			
2020/21-2	Lab	LCS, rec	2/16/2021	Pesticide	Prometryn	n/a	=	71	%	EPA 525.2	-88	-88	30	120	
2020/21-2	Lab	LCS dup	2/16/2021	Pesticide	Prometryn	n/a	=	3.49	µg/L	EPA 525.2	0.03	0.1			
2020/21-2	Lab	LCS dup, rec	2/16/2021	Pesticide	Prometryn	n/a	=	70	%	EPA 525.2	-88	-88	30	120	
2020/21-2	Lab	LCS, RPD	2/16/2021	Pesticide	Prometryn	n/a	=	2	%	EPA 525.2	-88	-88	0	30	
2020/21-2	000NONPJ	matrix spike	2/3/2021	Pesticide	Ronnel (Fenclorphos)	n/a	=	0.196	µg/L	EPA 625.1m	0.02	0.05			
2020/21-2	000NONPJ	matrix spike, rec	2/3/2021	Pesticide	Ronnel (Fenclorphos)	n/a	=	78	%	EPA 625.1m	-88	-88	36	145	
2020/21-2	000NONPJ	matrix spike dup	2/3/2021	Pesticide	Ronnel (Fenclorphos)	n/a	=	0.183	µg/L	EPA 625.1m	0.02	0.05			
2020/21-2	000NONPJ	matrix spike dup, rec	2/3/2021	Pesticide	Ronnel (Fenclorphos)	n/a	=	73	%	EPA 625.1m	-88	-88	36	145	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2020/21-2	000NONPJ	matrix spike, RPD	2/3/2021	Pesticide	Ronnel (Fenclorphos)	n/a	=	7	%	EPA 625.1m	-88	-88	0	30	
2020/21-2	Lab	method blank	2/3/2021	Pesticide	Ronnel (Fenclorphos)	n/a	<	0.0041	µg/L	EPA 625.1m	0.0041	0.01			
2020/21-2	Lab	LCS	2/3/2021	Pesticide	Ronnel (Fenclorphos)	n/a	=	0.0403	µg/L	EPA 625.1m	0.0041	0.01			
2020/21-2	Lab	LCS, rec	2/3/2021	Pesticide	Ronnel (Fenclorphos)	n/a	=	81	%	EPA 625.1m	-88	-88	43	140	
2020/21-2	000NONPJ	matrix spike	2/12/2021	Pesticide	Simazine	n/a	=	4.3	µg/L	EPA 525.2	0.02	0.1			
2020/21-2	000NONPJ	matrix spike, rec	2/12/2021	Pesticide	Simazine	n/a	=	86	%	EPA 525.2	-88	-88	60	130	
2020/21-2	000NONPJ	matrix spike dup	2/12/2021	Pesticide	Simazine	n/a	=	4.32	µg/L	EPA 525.2	0.02	0.1			
2020/21-2	000NONPJ	matrix spike dup, rec	2/12/2021	Pesticide	Simazine	n/a	=	86	%	EPA 525.2	-88	-88	60	130	
2020/21-2	000NONPJ	matrix spike, RPD	2/12/2021	Pesticide	Simazine	n/a	=	0.4	%	EPA 525.2	-88	-88	0	30	
2020/21-2	Lab	method blank	2/11/2021	Pesticide	Simazine	n/a	<	0.02	µg/L	EPA 525.2	0.02	0.1			
2020/21-2	Lab	LCS dup	2/11/2021	Pesticide	Simazine	n/a	=	4.73	µg/L	EPA 525.2	0.02	0.1			
2020/21-2	Lab	LCS dup, rec	2/11/2021	Pesticide	Simazine	n/a	=	95	%	EPA 525.2	-88	-88	60	130	
2020/21-2	Lab	LCS, RPD	2/11/2021	Pesticide	Simazine	n/a	=	7	%	EPA 525.2	-88	-88	0	30	
2020/21-2	Lab	LCS	2/11/2021	Pesticide	Simazine	n/a	=	5.05	µg/L	EPA 525.2	0.02	0.1			
2020/21-2	Lab	LCS, rec	2/11/2021	Pesticide	Simazine	n/a	=	101	%	EPA 525.2	-88	-88	60	130	
2020/21-2	Lab	method blank	2/12/2021	Pesticide	Simazine	n/a	<	0.02	µg/L	EPA 525.2	0.02	0.1			
2020/21-2	Lab	LCS	2/12/2021	Pesticide	Simazine	n/a	=	4.34	µg/L	EPA 525.2	0.02	0.1			
2020/21-2	Lab	LCS, rec	2/12/2021	Pesticide	Simazine	n/a	=	87	%	EPA 525.2	-88	-88	60	130	
2020/21-2	Lab	LCS dup	2/12/2021	Pesticide	Simazine	n/a	=	4.4	µg/L	EPA 525.2	0.02	0.1			
2020/21-2	Lab	LCS dup, rec	2/12/2021	Pesticide	Simazine	n/a	=	88	%	EPA 525.2	-88	-88	60	130	
2020/21-2	Lab	LCS, RPD	2/12/2021	Pesticide	Simazine	n/a	=	1	%	EPA 525.2	-88	-88	0	30	
2020/21-2	Lab	method blank	2/16/2021	Pesticide	Simazine	n/a	<	0.02	µg/L	EPA 525.2	0.02	0.1			
2020/21-2	Lab	LCS	2/16/2021	Pesticide	Simazine	n/a	=	4.44	µg/L	EPA 525.2	0.02	0.1			
2020/21-2	Lab	LCS, rec	2/16/2021	Pesticide	Simazine	n/a	=	89	%	EPA 525.2	-88	-88	60	130	
2020/21-2	Lab	LCS dup	2/16/2021	Pesticide	Simazine	n/a	=	4.34	µg/L	EPA 525.2	0.02	0.1			
2020/21-2	Lab	LCS dup, rec	2/16/2021	Pesticide	Simazine	n/a	=	87	%	EPA 525.2	-88	-88	60	130	
2020/21-2	Lab	LCS, RPD	2/16/2021	Pesticide	Simazine	n/a	=	2	%	EPA 525.2	-88	-88	0	30	
2020/21-2	000NONPJ	matrix spike	2/3/2021	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	=	0.234	µg/L	EPA 625.1m	0.016	0.05			
2020/21-2	000NONPJ	matrix spike, rec	2/3/2021	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	=	94	%	EPA 625.1m	-88	-88	0.1	158	
2020/21-2	000NONPJ	matrix spike dup	2/3/2021	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	=	0.221	µg/L	EPA 625.1m	0.016	0.05			
2020/21-2	000NONPJ	matrix spike dup, rec	2/3/2021	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	=	88	%	EPA 625.1m	-88	-88	0.1	158	
2020/21-2	000NONPJ	matrix spike, RPD	2/3/2021	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	=	6	%	EPA 625.1m	-88	-88	0	30	
2020/21-2	Lab	method blank	2/3/2021	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	<	0.0031	µg/L	EPA 625.1m	0.0031	0.01			
2020/21-2	Lab	LCS	2/3/2021	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	=	0.0434	µg/L	EPA 625.1m	0.0031	0.01			
2020/21-2	Lab	LCS, rec	2/3/2021	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	=	87	%	EPA 625.1m	-88	-88	3	171	
2020/21-2	000NONPJ	matrix spike	2/12/2021	Pesticide	Terbacil	n/a	=	4.15	µg/L	EPA 525.2	0.09	2			
2020/21-2	000NONPJ	matrix spike, rec	2/12/2021	Pesticide	Terbacil	n/a	=	83	%	EPA 525.2	-88	-88	70	130	
2020/21-2	000NONPJ	matrix spike dup	2/12/2021	Pesticide	Terbacil	n/a	=	4.15	µg/L	EPA 525.2	0.09	2			
2020/21-2	000NONPJ	matrix spike dup, rec	2/12/2021	Pesticide	Terbacil	n/a	=	83	%	EPA 525.2	-88	-88	70	130	
2020/21-2	000NONPJ	matrix spike, RPD	2/12/2021	Pesticide	Terbacil	n/a	=	0.1	%	EPA 525.2	-88	-88	0	30	
2020/21-2	Lab	method blank	2/11/2021	Pesticide	Terbacil	n/a	<	0.09	µg/L	EPA 525.2	0.09	2			
2020/21-2	Lab	LCS dup	2/11/2021	Pesticide	Terbacil	n/a	DNQ	0.789	µg/L	EPA 525.2	0.09	2			EUM,IL
2020/21-2	Lab	LCS dup, rec	2/11/2021	Pesticide	Terbacil	n/a	=	16	%	EPA 525.2	-88	-88	70	130	EUM,IL
2020/21-2	Lab	LCS, RPD	2/11/2021	Pesticide	Terbacil	n/a	=	138	%	EPA 525.2	-88	-88	0	30	EUM,IL
2020/21-2	Lab	LCS	2/11/2021	Pesticide	Terbacil	n/a	=	4.31	µg/L	EPA 525.2	0.09	2			
2020/21-2	Lab	LCS, rec	2/11/2021	Pesticide	Terbacil	n/a	=	86	%	EPA 525.2	-88	-88	70	130	
2020/21-2	Lab	method blank	2/12/2021	Pesticide	Terbacil	n/a	<	0.09	µg/L	EPA 525.2	0.09	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	
2020/21-2	Lab	LCS	2/12/2021	Pesticide	Terbacil	n/a	=	3.56	µg/L	EPA 525.2	0.09	2			
2020/21-2	Lab	LCS, rec	2/12/2021	Pesticide	Terbacil	n/a	=	71	%	EPA 525.2	-88	-88	70	130	
2020/21-2	Lab	LCS dup	2/12/2021	Pesticide	Terbacil	n/a	=	4.25	µg/L	EPA 525.2	0.09	2			
2020/21-2	Lab	LCS dup, rec	2/12/2021	Pesticide	Terbacil	n/a	=	85	%	EPA 525.2	-88	-88	70	130	
2020/21-2	Lab	LCS, RPD	2/12/2021	Pesticide	Terbacil	n/a	=	18	%	EPA 525.2	-88	-88	0	30	
2020/21-2	Lab	method blank	2/16/2021	Pesticide	Terbacil	n/a	<	0.09	µg/L	EPA 525.2	0.09	2			
2020/21-2	Lab	LCS	2/16/2021	Pesticide	Terbacil	n/a	=	3.79	µg/L	EPA 525.2	0.09	2			
2020/21-2	Lab	LCS, rec	2/16/2021	Pesticide	Terbacil	n/a	=	76	%	EPA 525.2	-88	-88	70	130	
2020/21-2	Lab	LCS dup	2/16/2021	Pesticide	Terbacil	n/a	=	4.31	µg/L	EPA 525.2	0.09	2			
2020/21-2	Lab	LCS dup, rec	2/16/2021	Pesticide	Terbacil	n/a	=	86	%	EPA 525.2	-88	-88	70	130	
2020/21-2	Lab	LCS, RPD	2/16/2021	Pesticide	Terbacil	n/a	=	13	%	EPA 525.2	-88	-88	0	30	
2020/21-2	000NONPJ	matrix spike	2/12/2021	Pesticide	Thiobencarb	n/a	=	4.06	µg/L	EPA 525.2	0.03	0.1			
2020/21-2	000NONPJ	matrix spike, rec	2/12/2021	Pesticide	Thiobencarb	n/a	=	81	%	EPA 525.2	-88	-88	70	130	
2020/21-2	000NONPJ	matrix spike dup	2/12/2021	Pesticide	Thiobencarb	n/a	=	3.92	µg/L	EPA 525.2	0.03	0.1			
2020/21-2	000NONPJ	matrix spike dup, rec	2/12/2021	Pesticide	Thiobencarb	n/a	=	78	%	EPA 525.2	-88	-88	70	130	
2020/21-2	000NONPJ	matrix spike, RPD	2/12/2021	Pesticide	Thiobencarb	n/a	=	4	%	EPA 525.2	-88	-88	0	30	
2020/21-2	Lab	method blank	2/11/2021	Pesticide	Thiobencarb	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1			
2020/21-2	Lab	LCS dup	2/11/2021	Pesticide	Thiobencarb	n/a	=	4.62	µg/L	EPA 525.2	0.03	0.1			
2020/21-2	Lab	LCS dup, rec	2/11/2021	Pesticide	Thiobencarb	n/a	=	92	%	EPA 525.2	-88	-88	70	130	
2020/21-2	Lab	LCS, RPD	2/11/2021	Pesticide	Thiobencarb	n/a	=	0.1	%	EPA 525.2	-88	-88	0	30	
2020/21-2	Lab	LCS	2/11/2021	Pesticide	Thiobencarb	n/a	=	4.63	µg/L	EPA 525.2	0.03	0.1			
2020/21-2	Lab	LCS, rec	2/11/2021	Pesticide	Thiobencarb	n/a	=	93	%	EPA 525.2	-88	-88	70	130	
2020/21-2	Lab	method blank	2/12/2021	Pesticide	Thiobencarb	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1			
2020/21-2	Lab	LCS	2/12/2021	Pesticide	Thiobencarb	n/a	=	4.11	µg/L	EPA 525.2	0.03	0.1			
2020/21-2	Lab	LCS, rec	2/12/2021	Pesticide	Thiobencarb	n/a	=	82	%	EPA 525.2	-88	-88	70	130	
2020/21-2	Lab	LCS dup	2/12/2021	Pesticide	Thiobencarb	n/a	=	4	µg/L	EPA 525.2	0.03	0.1			
2020/21-2	Lab	LCS dup, rec	2/12/2021	Pesticide	Thiobencarb	n/a	=	80	%	EPA 525.2	-88	-88	70	130	
2020/21-2	Lab	LCS, RPD	2/12/2021	Pesticide	Thiobencarb	n/a	=	3	%	EPA 525.2	-88	-88	0	30	
2020/21-2	Lab	method blank	2/16/2021	Pesticide	Thiobencarb	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1			
2020/21-2	Lab	LCS	2/16/2021	Pesticide	Thiobencarb	n/a	=	4.15	µg/L	EPA 525.2	0.03	0.1			
2020/21-2	Lab	LCS, rec	2/16/2021	Pesticide	Thiobencarb	n/a	=	83	%	EPA 525.2	-88	-88	70	130	
2020/21-2	Lab	LCS dup	2/16/2021	Pesticide	Thiobencarb	n/a	=	4.06	µg/L	EPA 525.2	0.03	0.1			
2020/21-2	Lab	LCS dup, rec	2/16/2021	Pesticide	Thiobencarb	n/a	=	81	%	EPA 525.2	-88	-88	70	130	
2020/21-2	Lab	LCS, RPD	2/16/2021	Pesticide	Thiobencarb	n/a	=	2	%	EPA 525.2	-88	-88	0	30	
2020/21-2	000NONPJ	matrix spike	2/3/2021	Pesticide	Tokuthion	n/a	=	0.198	µg/L	EPA 625.1m	0.039	0.05			
2020/21-2	000NONPJ	matrix spike, rec	2/3/2021	Pesticide	Tokuthion	n/a	=	79	%	EPA 625.1m	-88	-88	35	145	
2020/21-2	000NONPJ	matrix spike dup	2/3/2021	Pesticide	Tokuthion	n/a	=	0.186	µg/L	EPA 625.1m	0.039	0.05			
2020/21-2	000NONPJ	matrix spike dup, rec	2/3/2021	Pesticide	Tokuthion	n/a	=	74	%	EPA 625.1m	-88	-88	35	145	
2020/21-2	000NONPJ	matrix spike, RPD	2/3/2021	Pesticide	Tokuthion	n/a	=	6	%	EPA 625.1m	-88	-88	0	30	
2020/21-2	Lab	method blank	2/3/2021	Pesticide	Tokuthion	n/a	<	0.0078	µg/L	EPA 625.1m	0.0078	0.01			
2020/21-2	Lab	LCS	2/3/2021	Pesticide	Tokuthion	n/a	=	0.0411	µg/L	EPA 625.1m	0.0078	0.01			
2020/21-2	Lab	LCS, rec	2/3/2021	Pesticide	Tokuthion	n/a	=	82	%	EPA 625.1m	-88	-88	34	138	
2020/21-2	Lab	method blank	2/16/2021	Pesticide	Toxaphene	n/a	<	0.085	µg/L	EPA 608.3	0.085	0.5			
2020/21-2	000NONPJ	matrix spike	2/3/2021	Pesticide	Trichloronate	n/a	=	0.196	µg/L	EPA 625.1m	0.034	0.05			
2020/21-2	000NONPJ	matrix spike, rec	2/3/2021	Pesticide	Trichloronate	n/a	=	78	%	EPA 625.1m	-88	-88	52	133	
2020/21-2	000NONPJ	matrix spike dup	2/3/2021	Pesticide	Trichloronate	n/a	=	0.185	µg/L	EPA 625.1m	0.034	0.05			
2020/21-2	000NONPJ	matrix spike dup, rec	2/3/2021	Pesticide	Trichloronate	n/a	=	74	%	EPA 625.1m	-88	-88	52	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	
2020/21-2	000NONPJ	matrix spike, RPD	2/3/2021	Pesticide	Trichloronate	n/a	=	5	%	EPA 625.1m	-88	-88	0	30	
2020/21-2	Lab	method blank	2/3/2021	Pesticide	Trichloronate	n/a	<	0.0067	µg/L	EPA 625.1m	0.0067	0.01			
2020/21-2	Lab	LCS	2/3/2021	Pesticide	Trichloronate	n/a	=	0.0417	µg/L	EPA 625.1m	0.0067	0.01			
2020/21-2	Lab	LCS, rec	2/3/2021	Pesticide	Trichloronate	n/a	=	83	%	EPA 625.1m	-88	-88	42	137	
2020/21-2	000NONPJ	matrix spike	2/12/2021	Pesticide	Trithion	n/a	=	4.18	µg/L	EPA 525.2	0.02	0.1			
2020/21-2	000NONPJ	matrix spike, rec	2/12/2021	Pesticide	Trithion	n/a	=	84	%	EPA 525.2	-88	-88	70	130	
2020/21-2	000NONPJ	matrix spike dup	2/12/2021	Pesticide	Trithion	n/a	=	4.14	µg/L	EPA 525.2	0.02	0.1			
2020/21-2	000NONPJ	matrix spike dup, rec	2/12/2021	Pesticide	Trithion	n/a	=	83	%	EPA 525.2	-88	-88	70	130	
2020/21-2	000NONPJ	matrix spike, RPD	2/12/2021	Pesticide	Trithion	n/a	=	0.9	%	EPA 525.2	-88	-88	0	30	
2020/21-2	Lab	method blank	2/11/2021	Pesticide	Trithion	n/a	<	0.02	µg/L	EPA 525.2	0.02	0.1			
2020/21-2	Lab	LCS dup	2/11/2021	Pesticide	Trithion	n/a	=	3.42	µg/L	EPA 525.2	0.02	0.1			EUM,IL
2020/21-2	Lab	LCS dup, rec	2/11/2021	Pesticide	Trithion	n/a	=	68	%	EPA 525.2	-88	-88	70	130	EUM,IL
2020/21-2	Lab	LCS, RPD	2/11/2021	Pesticide	Trithion	n/a	=	35	%	EPA 525.2	-88	-88	0	30	EUM,IL
2020/21-2	Lab	LCS	2/11/2021	Pesticide	Trithion	n/a	=	4.88	µg/L	EPA 525.2	0.02	0.1			
2020/21-2	Lab	LCS, rec	2/11/2021	Pesticide	Trithion	n/a	=	98	%	EPA 525.2	-88	-88	70	130	
2020/21-2	Lab	method blank	2/12/2021	Pesticide	Trithion	n/a	<	0.02	µg/L	EPA 525.2	0.02	0.1			
2020/21-2	Lab	LCS	2/12/2021	Pesticide	Trithion	n/a	=	4.18	µg/L	EPA 525.2	0.02	0.1			
2020/21-2	Lab	LCS, rec	2/12/2021	Pesticide	Trithion	n/a	=	84	%	EPA 525.2	-88	-88	70	130	
2020/21-2	Lab	LCS dup	2/12/2021	Pesticide	Trithion	n/a	=	4.29	µg/L	EPA 525.2	0.02	0.1			
2020/21-2	Lab	LCS dup, rec	2/12/2021	Pesticide	Trithion	n/a	=	86	%	EPA 525.2	-88	-88	70	130	
2020/21-2	Lab	LCS, RPD	2/12/2021	Pesticide	Trithion	n/a	=	3	%	EPA 525.2	-88	-88	0	30	
2020/21-2	Lab	method blank	2/16/2021	Pesticide	Trithion	n/a	<	0.02	µg/L	EPA 525.2	0.02	0.1			
2020/21-2	Lab	LCS	2/16/2021	Pesticide	Trithion	n/a	=	4.32	µg/L	EPA 525.2	0.02	0.1			
2020/21-2	Lab	LCS, rec	2/16/2021	Pesticide	Trithion	n/a	=	86	%	EPA 525.2	-88	-88	70	130	
2020/21-2	Lab	LCS dup	2/16/2021	Pesticide	Trithion	n/a	=	4.27	µg/L	EPA 525.2	0.02	0.1			
2020/21-2	Lab	LCS dup, rec	2/16/2021	Pesticide	Trithion	n/a	=	85	%	EPA 525.2	-88	-88	70	130	
2020/21-2	Lab	LCS, RPD	2/16/2021	Pesticide	Trithion	n/a	=	0.9	%	EPA 525.2	-88	-88	0	30	
2020/21-3	000NONPJ	matrix spike	3/13/2021	Anion	Chloride	n/a	=	278	mg/L	EPA 300.0	0.85	5			
2020/21-3	000NONPJ	matrix spike, rec	3/13/2021	Anion	Chloride	n/a	=	90	%	EPA 300.0	-88	-88	76	118	
2020/21-3	000NONPJ	matrix spike dup	3/13/2021	Anion	Chloride	n/a	=	277	mg/L	EPA 300.0	0.85	5			
2020/21-3	000NONPJ	matrix spike dup, rec	3/13/2021	Anion	Chloride	n/a	=	89	%	EPA 300.0	-88	-88	76	118	
2020/21-3	000NONPJ	matrix spike, RPD	3/13/2021	Anion	Chloride	n/a	=	0.3	%	EPA 300.0	-88	-88	0	20	
2020/21-3	000NONPJ	matrix spike	3/13/2021	Anion	Chloride	n/a	=	298	mg/L	EPA 300.0	0.85	5			
2020/21-3	000NONPJ	matrix spike, rec	3/13/2021	Anion	Chloride	n/a	=	98	%	EPA 300.0	-88	-88	76	118	
2020/21-3	000NONPJ	matrix spike dup	3/13/2021	Anion	Chloride	n/a	=	298	mg/L	EPA 300.0	0.85	5			
2020/21-3	000NONPJ	matrix spike dup, rec	3/13/2021	Anion	Chloride	n/a	=	98	%	EPA 300.0	-88	-88	76	118	
2020/21-3	000NONPJ	matrix spike, RPD	3/13/2021	Anion	Chloride	n/a	=	0.02	%	EPA 300.0	-88	-88	0	20	
2020/21-3	Lab	method blank	3/12/2021	Anion	Chloride	n/a	<	0.085	mg/L	EPA 300.0	0.085	0.5			
2020/21-3	Lab	LCS	3/12/2021	Anion	Chloride	n/a	=	19.1	mg/L	EPA 300.0	0.085	0.5			
2020/21-3	Lab	LCS, rec	3/12/2021	Anion	Chloride	n/a	=	96	%	EPA 300.0	-88	-88	90	110	
2020/21-3	000NONPJ	matrix spike	3/13/2021	Anion	Fluoride	n/a	=	19.7	mg/L	EPA 300.0	0.09	1			
2020/21-3	000NONPJ	matrix spike, rec	3/13/2021	Anion	Fluoride	n/a	=	95	%	EPA 300.0	-88	-88	86	107	
2020/21-3	000NONPJ	matrix spike dup	3/13/2021	Anion	Fluoride	n/a	=	19.7	mg/L	EPA 300.0	0.09	1			
2020/21-3	000NONPJ	matrix spike dup, rec	3/13/2021	Anion	Fluoride	n/a	=	95	%	EPA 300.0	-88	-88	86	107	
2020/21-3	000NONPJ	matrix spike, RPD	3/13/2021	Anion	Fluoride	n/a	=	0.2	%	EPA 300.0	-88	-88	0	20	
2020/21-3	000NONPJ	matrix spike	3/13/2021	Anion	Fluoride	n/a	=	19.7	mg/L	EPA 300.0	0.09	1			
2020/21-3	000NONPJ	matrix spike, rec	3/13/2021	Anion	Fluoride	n/a	=	97	%	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	
2020/21-3	000NONPJ	matrix spike dup	3/13/2021	Anion	Fluoride	n/a	=	19.8	mg/L	EPA 300.0	0.09	1			
2020/21-3	000NONPJ	matrix spike dup, rec	3/13/2021	Anion	Fluoride	n/a	=	98	%	EPA 300.0	-88	-88	86	107	
2020/21-3	000NONPJ	matrix spike, RPD	3/13/2021	Anion	Fluoride	n/a	=	0.7	%	EPA 300.0	-88	-88	0	20	
2020/21-3	Lab	method blank	3/12/2021	Anion	Fluoride	n/a	<	0.009	mg/L	EPA 300.0	0.009	0.1			
2020/21-3	Lab	LCS	3/12/2021	Anion	Fluoride	n/a	=	2.04	mg/L	EPA 300.0	0.009	0.1			
2020/21-3	Lab	LCS, rec	3/12/2021	Anion	Fluoride	n/a	=	102	%	EPA 300.0	-88	-88	90	110	
2020/21-3	000NONPJ	matrix spike	3/19/2021	Anion	Perchlorate	n/a	=	18	µg/L	EPA 314.0	0.84	2			
2020/21-3	000NONPJ	matrix spike, rec	3/19/2021	Anion	Perchlorate	n/a	=	94	%	EPA 314.0	-88	-88	80	120	
2020/21-3	000NONPJ	matrix spike dup	3/19/2021	Anion	Perchlorate	n/a	=	18.1	µg/L	EPA 314.0	0.84	2			
2020/21-3	000NONPJ	matrix spike dup, rec	3/19/2021	Anion	Perchlorate	n/a	=	94	%	EPA 314.0	-88	-88	80	120	
2020/21-3	000NONPJ	matrix spike, RPD	3/19/2021	Anion	Perchlorate	n/a	=	0.3	%	EPA 314.0	-88	-88	0	15	
2020/21-3	Lab	method blank	3/19/2021	Anion	Perchlorate	n/a	<	0.84	µg/L	EPA 314.0	0.84	2			
2020/21-3	Lab	LCS	3/19/2021	Anion	Perchlorate	n/a	=	9.57	µg/L	EPA 314.0	0.84	2			
2020/21-3	Lab	LCS, rec	3/19/2021	Anion	Perchlorate	n/a	=	96	%	EPA 314.0	-88	-88	85	115	
2020/21-3	Lab	method blank	3/18/2021	Cation	Calcium	Total	<	0.16	mg/L	EPA 200.7	0.16	0.5			
2020/21-3	Lab	LCS	3/18/2021	Cation	Calcium	Total	=	49.6	mg/L	EPA 200.7	0.16	0.5			
2020/21-3	Lab	LCS, rec	3/18/2021	Cation	Calcium	Total	=	99	%	EPA 200.7	-88	-88	85	115	
2020/21-3	Lab	method blank	3/19/2021	Cation	Calcium	Total	<	0.16	mg/L	EPA 200.7	0.16	0.5			
2020/21-3	Lab	LCS	3/19/2021	Cation	Calcium	Total	=	48.8	mg/L	EPA 200.7	0.16	0.5			
2020/21-3	Lab	LCS, rec	3/19/2021	Cation	Calcium	Total	=	98	%	EPA 200.7	-88	-88	85	115	
2020/21-3	ME-CC	matrix spike	3/19/2021	Cation	Calcium	Total	=	113	mg/L	EPA 200.7	0.16	0.5			
2020/21-3	ME-CC	matrix spike, rec	3/19/2021	Cation	Calcium	Total	=	94	%	EPA 200.7	-88	-88	70	130	
2020/21-3	ME-CC	matrix spike dup	3/19/2021	Cation	Calcium	Total	=	115	mg/L	EPA 200.7	0.16	0.5			
2020/21-3	ME-CC	matrix spike dup, rec	3/19/2021	Cation	Calcium	Total	=	98	%	EPA 200.7	-88	-88	70	130	
2020/21-3	ME-CC	matrix spike, RPD	3/19/2021	Cation	Calcium	Total	=	2	%	EPA 200.7	-88	-88	0	30	
2020/21-3	MO-MEI	matrix spike	3/19/2021	Cation	Calcium	Total	=	60.3	mg/L	EPA 200.7	0.16	0.5			
2020/21-3	MO-MEI	matrix spike, rec	3/19/2021	Cation	Calcium	Total	=	100	%	EPA 200.7	-88	-88	70	130	
2020/21-3	MO-MEI	matrix spike dup	3/19/2021	Cation	Calcium	Total	=	59.1	mg/L	EPA 200.7	0.16	0.5			
2020/21-3	MO-MEI	matrix spike dup, rec	3/19/2021	Cation	Calcium	Total	=	98	%	EPA 200.7	-88	-88	70	130	
2020/21-3	MO-MEI	matrix spike, RPD	3/19/2021	Cation	Calcium	Total	=	2	%	EPA 200.7	-88	-88	0	30	
2020/21-3	MO-THO	matrix spike	3/18/2021	Cation	Calcium	Total	=	160	mg/L	EPA 200.7	0.16	0.5			
2020/21-3	MO-THO	matrix spike, rec	3/18/2021	Cation	Calcium	Total	=	98	%	EPA 200.7	-88	-88	70	130	
2020/21-3	MO-THO	matrix spike dup	3/18/2021	Cation	Calcium	Total	=	158	mg/L	EPA 200.7	0.16	0.5			
2020/21-3	MO-THO	matrix spike dup, rec	3/18/2021	Cation	Calcium	Total	=	93	%	EPA 200.7	-88	-88	70	130	
2020/21-3	MO-THO	matrix spike, RPD	3/18/2021	Cation	Calcium	Total	=	2	%	EPA 200.7	-88	-88	0	30	
2020/21-3	Lab	method blank	3/18/2021	Cation	Magnesium	Total	<	0.039	mg/L	EPA 200.7	0.039	0.5			
2020/21-3	Lab	LCS	3/18/2021	Cation	Magnesium	Total	=	49.7	mg/L	EPA 200.7	0.039	0.5			
2020/21-3	Lab	LCS, rec	3/18/2021	Cation	Magnesium	Total	=	99	%	EPA 200.7	-88	-88	85	115	
2020/21-3	Lab	method blank	3/19/2021	Cation	Magnesium	Total	<	0.039	mg/L	EPA 200.7	0.039	0.5			
2020/21-3	Lab	LCS	3/19/2021	Cation	Magnesium	Total	=	51.1	mg/L	EPA 200.7	0.039	0.5			
2020/21-3	Lab	LCS, rec	3/19/2021	Cation	Magnesium	Total	=	102	%	EPA 200.7	-88	-88	85	115	
2020/21-3	Lab	method blank	3/19/2021	Cation	Magnesium	Total	<	0.039	mg/L	EPA 200.7	0.039	0.5			
2020/21-3	Lab	LCS	3/19/2021	Cation	Magnesium	Total	=	49.9	mg/L	EPA 200.7	0.039	0.5			
2020/21-3	Lab	LCS, rec	3/19/2021	Cation	Magnesium	Total	=	100	%	EPA 200.7	-88	-88	85	115	
2020/21-3	ME-CC	matrix spike	3/19/2021	Cation	Magnesium	Total	=	90	mg/L	EPA 200.7	0.039	0.5			
2020/21-3	ME-CC	matrix spike, rec	3/19/2021	Cation	Magnesium	Total	=	100	%	EPA 200.7	-88	-88	70	130	
2020/21-3	ME-CC	matrix spike dup	3/19/2021	Cation	Magnesium	Total	=	91.9	mg/L	EPA 200.7	0.039	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	
2020/21-3	ME-CC	matrix spike dup, rec	3/19/2021	Cation	Magnesium	Total	=	104	%	EPA 200.7	-88	-88	70	130	
2020/21-3	ME-CC	matrix spike, RPD	3/19/2021	Cation	Magnesium	Total	=	2	%	EPA 200.7	-88	-88	0	30	
2020/21-3	MO-MEI	matrix spike	3/19/2021	Cation	Magnesium	Total	=	55.8	mg/L	EPA 200.7	0.039	0.5			
2020/21-3	MO-MEI	matrix spike, rec	3/19/2021	Cation	Magnesium	Total	=	104	%	EPA 200.7	-88	-88	70	130	
2020/21-3	MO-MEI	matrix spike dup	3/19/2021	Cation	Magnesium	Total	=	54.8	mg/L	EPA 200.7	0.039	0.5			
2020/21-3	MO-MEI	matrix spike dup, rec	3/19/2021	Cation	Magnesium	Total	=	102	%	EPA 200.7	-88	-88	70	130	
2020/21-3	MO-MEI	matrix spike, RPD	3/19/2021	Cation	Magnesium	Total	=	2	%	EPA 200.7	-88	-88	0	30	
2020/21-3	MO-THO	matrix spike	3/18/2021	Cation	Magnesium	Total	=	148	mg/L	EPA 200.7	0.039	0.5			
2020/21-3	MO-THO	matrix spike, rec	3/18/2021	Cation	Magnesium	Total	=	103	%	EPA 200.7	-88	-88	70	130	
2020/21-3	MO-THO	matrix spike dup	3/18/2021	Cation	Magnesium	Total	=	146	mg/L	EPA 200.7	0.039	0.5			
2020/21-3	MO-THO	matrix spike dup, rec	3/18/2021	Cation	Magnesium	Total	=	99	%	EPA 200.7	-88	-88	70	130	
2020/21-3	MO-THO	matrix spike, RPD	3/18/2021	Cation	Magnesium	Total	=	1	%	EPA 200.7	-88	-88	0	30	
2020/21-3	MO-THO	matrix spike	3/19/2021	Cation	Magnesium	Total	=	153	mg/L	EPA 200.7	0.039	0.5			
2020/21-3	MO-THO	matrix spike, rec	3/19/2021	Cation	Magnesium	Total	=	113	%	EPA 200.7	-88	-88	70	130	
2020/21-3	MO-THO	matrix spike dup	3/19/2021	Cation	Magnesium	Total	=	150	mg/L	EPA 200.7	0.039	0.5			
2020/21-3	MO-THO	matrix spike dup, rec	3/19/2021	Cation	Magnesium	Total	=	108	%	EPA 200.7	-88	-88	70	130	
2020/21-3	MO-THO	matrix spike, RPD	3/19/2021	Cation	Magnesium	Total	=	2	%	EPA 200.7	-88	-88	0	30	
2020/21-3	000NONPJ	lab duplicate	3/11/2021	Conventional	Alkalinity as CaCO3	n/a	=	243	mg/L	SM 2320 B	0.56	5		15	
2020/21-3	Lab	method blank	3/11/2021	Conventional	Alkalinity as CaCO3	n/a	<	0.56	mg/L	SM 2320 B	0.56	5			
2020/21-3	Lab	LCS	3/11/2021	Conventional	Alkalinity as CaCO3	n/a	=	250	mg/L	SM 2320 B	0.56	5			
2020/21-3	Lab	LCS, rec	3/11/2021	Conventional	Alkalinity as CaCO3	n/a	=	100	%	SM 2320 B	-88	-88	94	108	
2020/21-3	000NONPJ	lab duplicate	3/16/2021	Conventional	BOD	n/a	=	3.4	mg/L	SM 5210 B	2	2		20	
2020/21-3	000NONPJ	lab duplicate	3/16/2021	Conventional	BOD	n/a	=	5.36	mg/L	SM 5210 B	2	2		20	
2020/21-3	Lab	method blank	3/16/2021	Conventional	BOD	n/a	<	2	mg/L	SM 5210 B	2	2			
2020/21-3	Lab	method blank	3/16/2021	Conventional	BOD	n/a	<	2	mg/L	SM 5210 B	2	2			
2020/21-3	Lab	LCS	3/16/2021	Conventional	BOD	n/a	=	170	mg/L	SM 5210 B	2	2			
2020/21-3	Lab	LCS, rec	3/16/2021	Conventional	BOD	n/a	=	86	%	SM 5210 B	-88	-88	85	115	
2020/21-3	Lab	method blank	3/16/2021	Conventional	BOD	n/a	<	2	mg/L	SM 5210 B	2	2			
2020/21-3	Lab	method blank	3/16/2021	Conventional	BOD	n/a	<	2	mg/L	SM 5210 B	2	2			
2020/21-3	Lab	LCS	3/16/2021	Conventional	BOD	n/a	=	182	mg/L	SM 5210 B	2	2			
2020/21-3	Lab	LCS, rec	3/16/2021	Conventional	BOD	n/a	=	92	%	SM 5210 B	-88	-88	85	115	
2020/21-3	000NONPJ	lab duplicate	3/18/2021	Conventional	COD	n/a	=	4920	mg/L	EPA 410.4	57	100		15	
2020/21-3	Lab	LCS	3/18/2021	Conventional	COD	n/a	=	922	mg/L	EPA 410.4	2.9	5			
2020/21-3	Lab	LCS, rec	3/18/2021	Conventional	COD	n/a	=	92	%	EPA 410.4	-88	-88	90	110	
2020/21-3	Lab	method blank	3/18/2021	Conventional	COD	n/a	<	2.9	mg/L	EPA 410.4	2.9	5			
2020/21-3	ME-SCR	matrix spike	3/18/2021	Conventional	COD	n/a	=	207	mg/L	EPA 410.4	11	20			
2020/21-3	ME-SCR	matrix spike dup	3/18/2021	Conventional	COD	n/a	=	207	mg/L	EPA 410.4	11	20			
2020/21-3	ME-SCR	matrix spike dup, rec	3/18/2021	Conventional	COD	n/a	=	104	%	EPA 410.4	-88	-88	90	110	
2020/21-3	ME-SCR	matrix spike, rec	3/18/2021	Conventional	COD	n/a	=	104	%	EPA 410.4	-88	-88	90	110	
2020/21-3	ME-SCR	matrix spike, RPD	3/18/2021	Conventional	COD	n/a	=	0	%	EPA 410.4	-88	-88	0	15	
2020/21-3	MO-MPK	matrix spike	3/18/2021	Conventional	COD	n/a	=	2350	mg/L	EPA 410.4	11	20			
2020/21-3	MO-MPK	matrix spike, rec	3/18/2021	Conventional	COD	n/a	=	105	%	EPA 410.4	-88	-88	90	110	
2020/21-3	MO-MPK	matrix spike dup	3/18/2021	Conventional	COD	n/a	=	2350	mg/L	EPA 410.4	11	20			
2020/21-3	MO-MPK	matrix spike dup, rec	3/18/2021	Conventional	COD	n/a	=	105	%	EPA 410.4	-88	-88	90	110	
2020/21-3	MO-MPK	matrix spike, RPD	3/18/2021	Conventional	COD	n/a	=	0	%	EPA 410.4	-88	-88	0	15	
2020/21-3	000NONPJ	matrix spike	3/15/2021	Conventional	Cyanide	Total	=	0.0538	mg/L	ASTM D7511	0.0003	0.002			
2020/21-3	000NONPJ	matrix spike, rec	3/15/2021	Conventional	Cyanide	Total	=	99	%	ASTM D7511	-88	-88	64	136	

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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	
2020/21-3	000NONPJ	matrix spike dup	3/15/2021	Conventional	Cyanide	Total	=	0.0531	mg/L	ASTM D7511	0.0003	0.002			
2020/21-3	000NONPJ	matrix spike dup, rec	3/15/2021	Conventional	Cyanide	Total	=	98	%	ASTM D7511	-88	-88	64	136	
2020/21-3	000NONPJ	matrix spike, RPD	3/15/2021	Conventional	Cyanide	Total	=	1	%	ASTM D7511	-88	-88	0	47	
2020/21-3	Lab	LCS	3/15/2021	Conventional	Cyanide	Total	=	0.0503	mg/L	ASTM D7511	0.0003	0.002			
2020/21-3	Lab	LCS, rec	3/15/2021	Conventional	Cyanide	Total	=	101	%	ASTM D7511	-88	-88	84	116	
2020/21-3	Lab	method blank	3/15/2021	Conventional	Cyanide	Total	<	0.0003	mg/L	ASTM D7511	0.0003	0.002			
2020/21-3	Lab	method blank	3/15/2021	Conventional	Cyanide	Total	<	0.0003	mg/L	ASTM D7511	0.0003	0.002			
2020/21-3	Lab	LCS	3/15/2021	Conventional	Cyanide	Total	=	0.0478	mg/L	ASTM D7511	0.0003	0.002			
2020/21-3	Lab	LCS, rec	3/15/2021	Conventional	Cyanide	Total	=	96	%	ASTM D7511	-88	-88	84	116	
2020/21-3	MO-THO	matrix spike	3/15/2021	Conventional	Cyanide	Total	=	0.0531	mg/L	ASTM D7511	0.0003	0.002			
2020/21-3	MO-THO	matrix spike, rec	3/15/2021	Conventional	Cyanide	Total	=	93	%	ASTM D7511	-88	-88	64	136	
2020/21-3	MO-THO	matrix spike dup	3/15/2021	Conventional	Cyanide	Total	=	0.0543	mg/L	ASTM D7511	0.0003	0.002			
2020/21-3	MO-THO	matrix spike dup, rec	3/15/2021	Conventional	Cyanide	Total	=	95	%	ASTM D7511	-88	-88	64	136	
2020/21-3	MO-THO	matrix spike, RPD	3/15/2021	Conventional	Cyanide	Total	=	2	%	ASTM D7511	-88	-88	0	47	
2020/21-3	000NONPJ	matrix spike	3/11/2021	Conventional	MBAS	n/a	=	0.213	mg/L	SM 5540 C	0.017	0.05			
2020/21-3	000NONPJ	matrix spike, rec	3/11/2021	Conventional	MBAS	n/a	=	107	%	SM 5540 C	-88	-88	74	123	
2020/21-3	000NONPJ	matrix spike dup	3/11/2021	Conventional	MBAS	n/a	=	0.211	mg/L	SM 5540 C	0.017	0.05			
2020/21-3	000NONPJ	matrix spike dup, rec	3/11/2021	Conventional	MBAS	n/a	=	105	%	SM 5540 C	-88	-88	74	123	
2020/21-3	000NONPJ	matrix spike, RPD	3/11/2021	Conventional	MBAS	n/a	=	1	%	SM 5540 C	-88	-88	0	20	
2020/21-3	000NONPJ	matrix spike	3/11/2021	Conventional	MBAS	n/a	=	0.254	mg/L	SM 5540 C	0.017	0.05			
2020/21-3	000NONPJ	matrix spike dup	3/11/2021	Conventional	MBAS	n/a	=	0.247	mg/L	SM 5540 C	0.017	0.05			
2020/21-3	000NONPJ	matrix spike dup, rec	3/11/2021	Conventional	MBAS	n/a	=	102	%	SM 5540 C	-88	-88	74	123	
2020/21-3	000NONPJ	matrix spike, rec	3/11/2021	Conventional	MBAS	n/a	=	106	%	SM 5540 C	-88	-88	74	123	
2020/21-3	000NONPJ	matrix spike, RPD	3/11/2021	Conventional	MBAS	n/a	=	3	%	SM 5540 C	-88	-88	0	20	
2020/21-3	Lab	method blank	3/11/2021	Conventional	MBAS	n/a	<	0.017	mg/L	SM 5540 C	0.017	0.05			
2020/21-3	Lab	LCS	3/11/2021	Conventional	MBAS	n/a	=	0.197	mg/L	SM 5540 C	0.017	0.05			
2020/21-3	Lab	LCS, rec	3/11/2021	Conventional	MBAS	n/a	=	99	%	SM 5540 C	-88	-88	82	115	
2020/21-3	Lab	method blank	3/11/2021	Conventional	MBAS	n/a	<	0.017	mg/L	SM 5540 C	0.017	0.05			
2020/21-3	Lab	LCS	3/11/2021	Conventional	MBAS	n/a	=	0.19	mg/L	SM 5540 C	0.017	0.05			
2020/21-3	Lab	LCS, rec	3/11/2021	Conventional	MBAS	n/a	=	95	%	SM 5540 C	-88	-88	82	115	
2020/21-3	000NONPJ	matrix spike	3/19/2021	Conventional	Phenolics	n/a	=	0.246	mg/L	EPA 420.4	0.0032	0.01			
2020/21-3	000NONPJ	matrix spike dup	3/19/2021	Conventional	Phenolics	n/a	=	0.251	mg/L	EPA 420.4	0.0032	0.01			
2020/21-3	000NONPJ	matrix spike dup, rec	3/19/2021	Conventional	Phenolics	n/a	=	100	%	EPA 420.4	-88	-88	90	110	
2020/21-3	000NONPJ	matrix spike, rec	3/19/2021	Conventional	Phenolics	n/a	=	98	%	EPA 420.4	-88	-88	90	110	
2020/21-3	000NONPJ	matrix spike, RPD	3/19/2021	Conventional	Phenolics	n/a	=	2	%	EPA 420.4	-88	-88	0	20	
2020/21-3	Lab	LCS	3/19/2021	Conventional	Phenolics	n/a	=	0.101	mg/L	EPA 420.4	0.0032	0.01			
2020/21-3	Lab	LCS, rec	3/19/2021	Conventional	Phenolics	n/a	=	101	%	EPA 420.4	-88	-88	90	110	
2020/21-3	Lab	method blank	3/19/2021	Conventional	Phenolics	n/a	<	0.0032	mg/L	EPA 420.4	0.0032	0.01			
2020/21-3	Lab	LCS	3/23/2021	Conventional	Phenolics	n/a	=	0.105	mg/L	EPA 420.4	0.0032	0.01			
2020/21-3	Lab	LCS, rec	3/23/2021	Conventional	Phenolics	n/a	=	105	%	EPA 420.4	-88	-88	90	110	
2020/21-3	Lab	method blank	3/23/2021	Conventional	Phenolics	n/a	<	0.0032	mg/L	EPA 420.4	0.0032	0.01			
2020/21-3	MO-CAM	matrix spike	3/23/2021	Conventional	Phenolics	n/a	=	0.354	mg/L	EPA 420.4	0.0032	0.01			
2020/21-3	MO-CAM	matrix spike dup	3/23/2021	Conventional	Phenolics	n/a	=	0.356	mg/L	EPA 420.4	0.0032	0.01			
2020/21-3	MO-CAM	matrix spike dup, rec	3/23/2021	Conventional	Phenolics	n/a	=	108	%	EPA 420.4	-88	-88	90	110	
2020/21-3	MO-CAM	matrix spike, rec	3/23/2021	Conventional	Phenolics	n/a	=	107	%	EPA 420.4	-88	-88	90	110	
2020/21-3	MO-CAM	matrix spike, RPD	3/23/2021	Conventional	Phenolics	n/a	=	0.6	%	EPA 420.4	-88	-88	0	20	
2020/21-3	000NONPJ	lab duplicate	3/26/2021	Conventional	Specific Conductance	n/a	=	51200	µmhos/cm	SM 2510 B	0.23	2		5	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2020/21-3	Lab	method blank	3/15/2021	Conventional	Specific Conductance	n/a	DNQ	0.41	µmhos/cm	SM 2510 B	0.23	2			IP
2020/21-3	Lab	LCS	3/15/2021	Conventional	Specific Conductance	n/a	=	452	µmhos/cm	SM 2510 B	0.23	2			
2020/21-3	Lab	LCS, rec	3/15/2021	Conventional	Specific Conductance	n/a	=	102	%	SM 2510 B	-88	-88	95	105	
2020/21-3	Lab	LCS	3/26/2021	Conventional	Specific Conductance	n/a	=	25300	µmhos/cm	SM 2510 B	0.23	2			
2020/21-3	Lab	LCS, rec	3/26/2021	Conventional	Specific Conductance	n/a	=	101	%	SM 2510 B	-88	-88	95	105	
2020/21-3	Lab	method blank	3/26/2021	Conventional	Specific Conductance	n/a	<	0.23	µmhos/cm	SM 2510 B	0.23	2			
2020/21-3	ME-CC	lab duplicate	3/15/2021	Conventional	Specific Conductance	n/a	=	1300	µmhos/cm	SM 2510 B	0.23	2		5	
2020/21-3	Lab	LCS	3/11/2021	Conventional	Total Chlorine Residual	n/a	=	0.194	mg/L	SM 4500-Cl G	0.0076	0.05			
2020/21-3	Lab	LCS, rec	3/11/2021	Conventional	Total Chlorine Residual	n/a	=	97	%	SM 4500-Cl G	-88	-88	85	110	
2020/21-3	Lab	method blank	3/11/2021	Conventional	Total Chlorine Residual	n/a	<	0.0076	mg/L	SM 4500-Cl G	0.0076	0.05			
2020/21-3	ME-CC	lab duplicate	3/11/2021	Conventional	Total Chlorine Residual	n/a	DNQ	0.042	mg/L	SM 4500-Cl G	0.0076	0.05		15	
2020/21-3	ME-CC	matrix spike	3/11/2021	Conventional	Total Chlorine Residual	n/a	=	0.244	mg/L	SM 4500-Cl G	0.0076	0.05			
2020/21-3	ME-CC	matrix spike dup	3/11/2021	Conventional	Total Chlorine Residual	n/a	=	0.24	mg/L	SM 4500-Cl G	0.0076	0.05			
2020/21-3	ME-CC	matrix spike dup, rec	3/11/2021	Conventional	Total Chlorine Residual	n/a	=	99	%	SM 4500-Cl G	-88	-88	78	114	
2020/21-3	ME-CC	matrix spike, rec	3/11/2021	Conventional	Total Chlorine Residual	n/a	=	101	%	SM 4500-Cl G	-88	-88	78	114	
2020/21-3	ME-CC	matrix spike, RPD	3/11/2021	Conventional	Total Chlorine Residual	n/a	=	2	%	SM 4500-Cl G	-88	-88	0	15	
2020/21-3	000NONPJ	lab duplicate	3/15/2021	Conventional	Total Dissolved Solids	n/a	=	21900	mg/L	SM 2540 C	4	10		10	
2020/21-3	Lab	LCS	3/15/2021	Conventional	Total Dissolved Solids	n/a	=	835	mg/L	SM 2540 C	4	10			
2020/21-3	Lab	LCS, rec	3/15/2021	Conventional	Total Dissolved Solids	n/a	=	101	%	SM 2540 C	-88	-88	96	102	
2020/21-3	Lab	method blank	3/15/2021	Conventional	Total Dissolved Solids	n/a	<	4	mg/L	SM 2540 C	4	10			
2020/21-3	MO-HUE	lab duplicate	3/15/2021	Conventional	Total Dissolved Solids	n/a	=	7730	mg/L	SM 2540 C	4	10		10	
2020/21-3	Lab	LCS	4/5/2021	Conventional	Total Organic Carbon	n/a	=	10.2	mg/L	SM 5310 B	1	1			
2020/21-3	Lab	LCS, rec	4/5/2021	Conventional	Total Organic Carbon	n/a	=	102	%	SM 5310 B	-88	-88	80	120	
2020/21-3	Lab	method blank	4/5/2021	Conventional	Total Organic Carbon	n/a	<	1	mg/L	SM 5310 B	1	1			
2020/21-3	MO-SPA	matrix spike	4/5/2021	Conventional	Total Organic Carbon	n/a	=	135.5	mg/L	SM 5310 B	8	8			
2020/21-3	MO-SPA	matrix spike dup	4/5/2021	Conventional	Total Organic Carbon	n/a	=	138.4	mg/L	SM 5310 B	8	8			
2020/21-3	MO-SPA	matrix spike dup, rec	4/5/2021	Conventional	Total Organic Carbon	n/a	=	102	%	SM 5310 B	-88	-88	80	120	
2020/21-3	MO-SPA	matrix spike, rec	4/5/2021	Conventional	Total Organic Carbon	n/a	=	98	%	SM 5310 B	-88	-88	80	120	
2020/21-3	MO-SPA	matrix spike, RPD	4/5/2021	Conventional	Total Organic Carbon	n/a	=	2	%	SM 5310 B	-88	-88	0	20	
2020/21-3	000NONPJ	lab duplicate	3/12/2021	Conventional	Total Suspended Solids	n/a	=	10.8	mg/L	SM 2540 D	-88	5		20	
2020/21-3	Lab	LCS	3/12/2021	Conventional	Total Suspended Solids	n/a	=	61.5	mg/L	SM 2540 D	-88	5			
2020/21-3	Lab	LCS, rec	3/12/2021	Conventional	Total Suspended Solids	n/a	=	102	%	SM 2540 D	-88	-88	90	110	
2020/21-3	Lab	method blank	3/12/2021	Conventional	Total Suspended Solids	n/a	<	5	mg/L	SM 2540 D	-88	5			
2020/21-3	MO-MPK	lab duplicate	3/12/2021	Conventional	Total Suspended Solids	n/a	=	668	mg/L	SM 2540 D	-88	5		20	
2020/21-3	Lab	LCS	3/11/2021	Conventional	Turbidity	n/a	=	2.01	NTU	EPA 180.1	0.017	0.1			
2020/21-3	Lab	LCS, rec	3/11/2021	Conventional	Turbidity	n/a	=	100	%	EPA 180.1	-88	-88	90	110	
2020/21-3	Lab	method blank	3/11/2021	Conventional	Turbidity	n/a	DNQ	0.02	NTU	EPA 180.1	0.017	0.1			IP
2020/21-3	Lab	LCS	3/11/2021	Conventional	Turbidity	n/a	=	9.91	NTU	EPA 180.1	0.017	0.1			
2020/21-3	Lab	LCS, rec	3/11/2021	Conventional	Turbidity	n/a	=	99	%	EPA 180.1	-88	-88	90	110	
2020/21-3	MO-SPA	lab duplicate	3/11/2021	Conventional	Turbidity	n/a	=	19.5	NTU	EPA 180.1	0.017	0.1		10	
2020/21-3	Lab	LCS	3/12/2021	Conventional	Volatile Suspended Solids	n/a	=	45	mg/L	EPA 160.4	0.093	0.15			
2020/21-3	Lab	LCS, rec	3/12/2021	Conventional	Volatile Suspended Solids	n/a	=	105	%	EPA 160.4	-88	-88	90	110	
2020/21-3	Lab	method blank	3/12/2021	Conventional	Volatile Suspended Solids	n/a	<	3.1	mg/L	EPA 160.4	3.1	5			
2020/21-3	MO-MPK	lab duplicate	3/12/2021	Conventional	Volatile Suspended Solids	n/a	=	140	mg/L	EPA 160.4	3.1	5		15	
2020/21-3	Lab	method blank	3/25/2021	Hydrocarbon	Diesel Range Organics	n/a	DNQ	0.0464	mg/L	EPA 8015B	0.032	0.1			IP
2020/21-3	Lab	LCS	3/25/2021	Hydrocarbon	Diesel Range Organics	n/a	=	0.47	mg/L	EPA 8015B	0.032	0.1			
2020/21-3	Lab	LCS, rec	3/25/2021	Hydrocarbon	Diesel Range Organics	n/a	=	94	%	EPA 8015B	-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	
2020/21-3	Lab	LCS dup	3/25/2021	Hydrocarbon	Diesel Range Organics	n/a	=	0.5	mg/L	EPA 8015B	0.032	0.1			
2020/21-3	Lab	LCS dup, rec	3/25/2021	Hydrocarbon	Diesel Range Organics	n/a	=	100	%	EPA 8015B	-88	-88	56	136	
2020/21-3	Lab	LCS, RPD	3/25/2021	Hydrocarbon	Diesel Range Organics	n/a	=	6	%	EPA 8015B	-88	-88	0	25	
2020/21-3	Lab	srgt method blank	3/25/2021	Hydrocarbon	n-Tetracosane	n/a	=	0.185	mg/L	EPA 8015B	-88	-88			
2020/21-3	Lab	srgt method blank, rec	3/25/2021	Hydrocarbon	n-Tetracosane	n/a	=	74	%	EPA 8015B	-88	-88	64	155	
2020/21-3	Lab	srgt LCS	3/25/2021	Hydrocarbon	n-Tetracosane	n/a	=	0.349	mg/L	EPA 8015B	-88	-88			
2020/21-3	Lab	srgt LCS, rec	3/25/2021	Hydrocarbon	n-Tetracosane	n/a	=	139	%	EPA 8015B	-88	-88	64	155	
2020/21-3	Lab	srgt LCS dup	3/25/2021	Hydrocarbon	n-Tetracosane	n/a	=	0.364	mg/L	EPA 8015B	-88	-88			
2020/21-3	Lab	srgt LCS dup, rec	3/25/2021	Hydrocarbon	n-Tetracosane	n/a	=	146	%	EPA 8015B	-88	-88	64	155	
2020/21-3	ME-CC	srgt environ	3/25/2021	Hydrocarbon	n-Tetracosane	n/a	=	0.226	mg/L	EPA 8015B	-88	-88			
2020/21-3	ME-CC	srgt environ, rec	3/25/2021	Hydrocarbon	n-Tetracosane	n/a	=	90	%	EPA 8015B	-88	-88	64	155	
2020/21-3	ME-SCR	srgt environ	3/25/2021	Hydrocarbon	n-Tetracosane	n/a	=	0.23	mg/L	EPA 8015B	-88	-88			
2020/21-3	ME-SCR	srgt environ, rec	3/25/2021	Hydrocarbon	n-Tetracosane	n/a	=	92	%	EPA 8015B	-88	-88	64	155	
2020/21-3	ME-VR2	srgt environ	3/25/2021	Hydrocarbon	n-Tetracosane	n/a	=	0.239	mg/L	EPA 8015B	-88	-88			
2020/21-3	ME-VR2	srgt environ, rec	3/25/2021	Hydrocarbon	n-Tetracosane	n/a	=	96	%	EPA 8015B	-88	-88	64	155	
2020/21-3	MO-CAM	srgt environ	3/25/2021	Hydrocarbon	n-Tetracosane	n/a	=	0.268	mg/L	EPA 8015B	-88	-88			
2020/21-3	MO-CAM	srgt environ, rec	3/25/2021	Hydrocarbon	n-Tetracosane	n/a	=	107	%	EPA 8015B	-88	-88	64	155	
2020/21-3	MO-FIL	srgt environ	3/26/2021	Hydrocarbon	n-Tetracosane	n/a	=	0.235	mg/L	EPA 8015B	-88	-88			
2020/21-3	MO-FIL	srgt environ, rec	3/26/2021	Hydrocarbon	n-Tetracosane	n/a	=	94	%	EPA 8015B	-88	-88	64	155	
2020/21-3	MO-HUE	srgt environ	3/26/2021	Hydrocarbon	n-Tetracosane	n/a	=	0.212	mg/L	EPA 8015B	-88	-88			
2020/21-3	MO-HUE	srgt environ, rec	3/26/2021	Hydrocarbon	n-Tetracosane	n/a	=	85	%	EPA 8015B	-88	-88	64	155	
2020/21-3	MO-MEI	srgt environ	3/25/2021	Hydrocarbon	n-Tetracosane	n/a	=	0.239	mg/L	EPA 8015B	-88	-88			
2020/21-3	MO-MEI	srgt environ, rec	3/25/2021	Hydrocarbon	n-Tetracosane	n/a	=	96	%	EPA 8015B	-88	-88	64	155	
2020/21-3	MO-MPK	srgt environ	3/26/2021	Hydrocarbon	n-Tetracosane	n/a	=	0.276	mg/L	EPA 8015B	-88	-88			
2020/21-3	MO-MPK	srgt environ, rec	3/26/2021	Hydrocarbon	n-Tetracosane	n/a	=	110	%	EPA 8015B	-88	-88	64	155	
2020/21-3	MO-OJA	srgt environ	3/25/2021	Hydrocarbon	n-Tetracosane	n/a	=	0.249	mg/L	EPA 8015B	-88	-88			
2020/21-3	MO-OJA	srgt environ, rec	3/25/2021	Hydrocarbon	n-Tetracosane	n/a	=	100	%	EPA 8015B	-88	-88	64	155	
2020/21-3	MO-OXN	srgt environ	3/26/2021	Hydrocarbon	n-Tetracosane	n/a	=	0.237	mg/L	EPA 8015B	-88	-88			
2020/21-3	MO-OXN	srgt environ, rec	3/26/2021	Hydrocarbon	n-Tetracosane	n/a	=	95	%	EPA 8015B	-88	-88	64	155	
2020/21-3	MO-SIM	srgt environ	3/26/2021	Hydrocarbon	n-Tetracosane	n/a	=	0.216	mg/L	EPA 8015B	-88	-88			
2020/21-3	MO-SIM	srgt environ, rec	3/26/2021	Hydrocarbon	n-Tetracosane	n/a	=	86	%	EPA 8015B	-88	-88	64	155	
2020/21-3	MO-SPA	srgt environ	3/26/2021	Hydrocarbon	n-Tetracosane	n/a	=	0.208	mg/L	EPA 8015B	-88	-88			
2020/21-3	MO-SPA	srgt environ, rec	3/26/2021	Hydrocarbon	n-Tetracosane	n/a	=	83	%	EPA 8015B	-88	-88	64	155	
2020/21-3	MO-THO	srgt environ	3/26/2021	Hydrocarbon	n-Tetracosane	n/a	=	0.173	mg/L	EPA 8015B	-88	-88			
2020/21-3	MO-THO	srgt environ, rec	3/26/2021	Hydrocarbon	n-Tetracosane	n/a	=	69	%	EPA 8015B	-88	-88	64	155	
2020/21-3	MO-VEN	srgt environ	3/25/2021	Hydrocarbon	n-Tetracosane	n/a	=	0.224	mg/L	EPA 8015B	-88	-88			
2020/21-3	MO-VEN	srgt environ, rec	3/25/2021	Hydrocarbon	n-Tetracosane	n/a	=	90	%	EPA 8015B	-88	-88	64	155	
2020/21-3	Lab	LCS	3/24/2021	Hydrocarbon	Oil and Grease	n/a	=	18.1	mg/L	EPA 1664B	0.7	5			
2020/21-3	Lab	LCS	3/24/2021	Hydrocarbon	Oil and Grease	n/a	DNQ	4	mg/L	EPA 1664B	0.7	5			
2020/21-3	Lab	LCS dup	3/24/2021	Hydrocarbon	Oil and Grease	n/a	=	16.8	mg/L	EPA 1664B	0.7	5			
2020/21-3	Lab	LCS dup, rec	3/24/2021	Hydrocarbon	Oil and Grease	n/a	=	84	%	EPA 1664B	-88	-88	78	114	
2020/21-3	Lab	LCS, rec	3/24/2021	Hydrocarbon	Oil and Grease	n/a	=	90	%	EPA 1664B	-88	-88	78	114	
2020/21-3	Lab	LCS, RPD	3/24/2021	Hydrocarbon	Oil and Grease	n/a	=	80	%	EPA 1664B	-88	-88	78	114	
2020/21-3	Lab	LCS, RPD	3/24/2021	Hydrocarbon	Oil and Grease	n/a	=	7	%	EPA 1664B	-88	-88	0	18	
2020/21-3	Lab	method blank	3/24/2021	Hydrocarbon	Oil and Grease	n/a	<	0.7	mg/L	EPA 1664B	0.7	5			
2020/21-3	Lab	LCS	3/26/2021	Hydrocarbon	Oil and Grease	n/a	DNQ	4.1	mg/L	EPA 1664B	0.7	5			
2020/21-3	Lab	LCS	3/26/2021	Hydrocarbon	Oil and Grease	n/a	=	16.9	mg/L	EPA 1664B	0.7	5			

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2020/21-3	Lab	LCS dup	3/26/2021	Hydrocarbon	Oil and Grease	n/a	=	16.8	mg/L	EPA 1664B	0.7	5			
2020/21-3	Lab	LCS dup, rec	3/26/2021	Hydrocarbon	Oil and Grease	n/a	=	84	%	EPA 1664B	-88	-88	78	114	
2020/21-3	Lab	LCS, rec	3/26/2021	Hydrocarbon	Oil and Grease	n/a	=	84	%	EPA 1664B	-88	-88	78	114	
2020/21-3	Lab	LCS, rec	3/26/2021	Hydrocarbon	Oil and Grease	n/a	=	82	%	EPA 1664B	-88	-88	78	114	
2020/21-3	Lab	LCS, RPD	3/26/2021	Hydrocarbon	Oil and Grease	n/a	=	0.6	%	EPA 1664B	-88	-88	0	18	
2020/21-3	Lab	method blank	3/26/2021	Hydrocarbon	Oil and Grease	n/a	<	0.7	mg/L	EPA 1664B	0.7	5			
2020/21-3	Lab	method blank	3/25/2021	Hydrocarbon	Oil Range Organics	n/a	<	0.33	mg/L	EPA 8015B	0.33	0.5			
2020/21-3	Lab	method blank	3/17/2021	Metal	Aluminum	Dissolved	<	4.4	µg/L	EPA 200.8	4.4	20			
2020/21-3	Lab	LCS	3/17/2021	Metal	Aluminum	Dissolved	=	50.6	µg/L	EPA 200.8	4.4	20			
2020/21-3	Lab	LCS, rec	3/17/2021	Metal	Aluminum	Dissolved	=	101	%	EPA 200.8	-88	-88	85	115	
2020/21-3	Lab	method blank	3/18/2021	Metal	Aluminum	Dissolved	<	4.4	µg/L	EPA 200.8	4.4	20			
2020/21-3	Lab	LCS	3/18/2021	Metal	Aluminum	Dissolved	=	50.7	µg/L	EPA 200.8	4.4	20			
2020/21-3	Lab	LCS, rec	3/18/2021	Metal	Aluminum	Dissolved	=	101	%	EPA 200.8	-88	-88	85	115	
2020/21-3	Lab	method blank	3/17/2021	Metal	Aluminum	Total	<	4.4	µg/L	EPA 200.8	4.4	20			
2020/21-3	Lab	LCS	3/17/2021	Metal	Aluminum	Total	=	50.6	µg/L	EPA 200.8	4.4	20			
2020/21-3	Lab	LCS, rec	3/17/2021	Metal	Aluminum	Total	=	101	%	EPA 200.8	-88	-88	85	115	
2020/21-3	Lab	method blank	3/18/2021	Metal	Aluminum	Total	<	4.4	µg/L	EPA 200.8	4.4	20			
2020/21-3	Lab	LCS	3/18/2021	Metal	Aluminum	Total	=	50.7	µg/L	EPA 200.8	4.4	20			
2020/21-3	Lab	LCS, rec	3/18/2021	Metal	Aluminum	Total	=	101	%	EPA 200.8	-88	-88	85	115	
2020/21-3	ME-SCR	matrix spike	3/17/2021	Metal	Aluminum	Total	=	109	µg/L	EPA 200.8	4.4	20			
2020/21-3	ME-SCR	matrix spike, rec	3/17/2021	Metal	Aluminum	Total	=	104	%	EPA 200.8	-88	-88	70	130	
2020/21-3	ME-SCR	matrix spike dup	3/17/2021	Metal	Aluminum	Total	=	109	µg/L	EPA 200.8	4.4	20			
2020/21-3	ME-SCR	matrix spike dup, rec	3/17/2021	Metal	Aluminum	Total	=	104	%	EPA 200.8	-88	-88	70	130	
2020/21-3	ME-SCR	matrix spike, RPD	3/17/2021	Metal	Aluminum	Total	=	0.005	%	EPA 200.8	-88	-88	0	30	
2020/21-3	MO-HUE	matrix spike	3/18/2021	Metal	Aluminum	Total	=	242	µg/L	EPA 200.8	4.4	20			
2020/21-3	MO-HUE	matrix spike, rec	3/18/2021	Metal	Aluminum	Total	=	99	%	EPA 200.8	-88	-88	70	130	
2020/21-3	MO-HUE	matrix spike dup	3/18/2021	Metal	Aluminum	Total	=	250	µg/L	EPA 200.8	4.4	20			
2020/21-3	MO-HUE	matrix spike dup, rec	3/18/2021	Metal	Aluminum	Total	=	116	%	EPA 200.8	-88	-88	70	130	
2020/21-3	MO-HUE	matrix spike, RPD	3/18/2021	Metal	Aluminum	Total	=	3	%	EPA 200.8	-88	-88	0	30	
2020/21-3	MO-SIM	matrix spike	3/17/2021	Metal	Aluminum	Total	=	299	µg/L	EPA 200.8	4.4	20			
2020/21-3	MO-SIM	matrix spike, rec	3/17/2021	Metal	Aluminum	Total	=	103	%	EPA 200.8	-88	-88	70	130	
2020/21-3	MO-SIM	matrix spike dup	3/17/2021	Metal	Aluminum	Total	=	295	µg/L	EPA 200.8	4.4	20			
2020/21-3	MO-SIM	matrix spike dup, rec	3/17/2021	Metal	Aluminum	Total	=	96	%	EPA 200.8	-88	-88	70	130	
2020/21-3	MO-SIM	matrix spike, RPD	3/17/2021	Metal	Aluminum	Total	=	1	%	EPA 200.8	-88	-88	0	30	
2020/21-3	Lab	method blank	3/17/2021	Metal	Antimony	Dissolved	<	0.089	µg/L	EPA 200.8	0.089	0.5			
2020/21-3	Lab	LCS	3/17/2021	Metal	Antimony	Dissolved	=	50.7	µg/L	EPA 200.8	0.089	0.5			
2020/21-3	Lab	LCS, rec	3/17/2021	Metal	Antimony	Dissolved	=	101	%	EPA 200.8	-88	-88	85	115	
2020/21-3	Lab	method blank	3/18/2021	Metal	Antimony	Dissolved	<	0.089	µg/L	EPA 200.8	0.089	0.5			
2020/21-3	Lab	LCS	3/18/2021	Metal	Antimony	Dissolved	=	49.7	µg/L	EPA 200.8	0.089	0.5			
2020/21-3	Lab	LCS, rec	3/18/2021	Metal	Antimony	Dissolved	=	99	%	EPA 200.8	-88	-88	85	115	
2020/21-3	Lab	method blank	3/17/2021	Metal	Antimony	Total	<	0.089	µg/L	EPA 200.8	0.089	0.5			
2020/21-3	Lab	LCS	3/17/2021	Metal	Antimony	Total	=	50.7	µg/L	EPA 200.8	0.089	0.5			
2020/21-3	Lab	LCS, rec	3/17/2021	Metal	Antimony	Total	=	101	%	EPA 200.8	-88	-88	85	115	
2020/21-3	Lab	method blank	3/18/2021	Metal	Antimony	Total	<	0.089	µg/L	EPA 200.8	0.089	0.5			
2020/21-3	Lab	LCS	3/18/2021	Metal	Antimony	Total	=	49.7	µg/L	EPA 200.8	0.089	0.5			
2020/21-3	Lab	LCS, rec	3/18/2021	Metal	Antimony	Total	=	99	%	EPA 200.8	-88	-88	85	115	
2020/21-3	ME-SCR	matrix spike	3/17/2021	Metal	Antimony	Total	=	52.2	µg/L	EPA 200.8	0.089	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	
2020/21-3	ME-SCR	matrix spike, rec	3/17/2021	Metal	Antimony	Total	=	104	%	EPA 200.8	-88	-88	70	130	
2020/21-3	ME-SCR	matrix spike dup	3/17/2021	Metal	Antimony	Total	=	52.2	µg/L	EPA 200.8	0.089	0.5			
2020/21-3	ME-SCR	matrix spike dup, rec	3/17/2021	Metal	Antimony	Total	=	104	%	EPA 200.8	-88	-88	70	130	
2020/21-3	ME-SCR	matrix spike, RPD	3/17/2021	Metal	Antimony	Total	=	0.01	%	EPA 200.8	-88	-88	0	30	
2020/21-3	MO-HUE	matrix spike	3/18/2021	Metal	Antimony	Total	=	49.9	µg/L	EPA 200.8	0.089	0.5			
2020/21-3	MO-HUE	matrix spike, rec	3/18/2021	Metal	Antimony	Total	=	99	%	EPA 200.8	-88	-88	70	130	
2020/21-3	MO-HUE	matrix spike dup	3/18/2021	Metal	Antimony	Total	=	49.7	µg/L	EPA 200.8	0.089	0.5			
2020/21-3	MO-HUE	matrix spike dup, rec	3/18/2021	Metal	Antimony	Total	=	99	%	EPA 200.8	-88	-88	70	130	
2020/21-3	MO-HUE	matrix spike, RPD	3/18/2021	Metal	Antimony	Total	=	0.3	%	EPA 200.8	-88	-88	0	30	
2020/21-3	MO-SIM	matrix spike	3/17/2021	Metal	Antimony	Total	=	52.7	µg/L	EPA 200.8	0.089	0.5			
2020/21-3	MO-SIM	matrix spike, rec	3/17/2021	Metal	Antimony	Total	=	102	%	EPA 200.8	-88	-88	70	130	
2020/21-3	MO-SIM	matrix spike dup	3/17/2021	Metal	Antimony	Total	=	53.9	µg/L	EPA 200.8	0.089	0.5			
2020/21-3	MO-SIM	matrix spike dup, rec	3/17/2021	Metal	Antimony	Total	=	105	%	EPA 200.8	-88	-88	70	130	
2020/21-3	MO-SIM	matrix spike, RPD	3/17/2021	Metal	Antimony	Total	=	2	%	EPA 200.8	-88	-88	0	30	
2020/21-3	Lab	method blank	3/17/2021	Metal	Arsenic	Dissolved	<	0.074	µg/L	EPA 200.8	0.074	0.4			
2020/21-3	Lab	LCS	3/17/2021	Metal	Arsenic	Dissolved	=	51.8	µg/L	EPA 200.8	0.074	0.4			
2020/21-3	Lab	LCS, rec	3/17/2021	Metal	Arsenic	Dissolved	=	104	%	EPA 200.8	-88	-88	85	115	
2020/21-3	Lab	method blank	3/18/2021	Metal	Arsenic	Dissolved	<	0.074	µg/L	EPA 200.8	0.074	0.4			
2020/21-3	Lab	LCS	3/18/2021	Metal	Arsenic	Dissolved	=	50.1	µg/L	EPA 200.8	0.074	0.4			
2020/21-3	Lab	LCS, rec	3/18/2021	Metal	Arsenic	Dissolved	=	100	%	EPA 200.8	-88	-88	85	115	
2020/21-3	Lab	method blank	3/17/2021	Metal	Arsenic	Total	<	0.074	µg/L	EPA 200.8	0.074	0.4			
2020/21-3	Lab	LCS	3/17/2021	Metal	Arsenic	Total	=	51.8	µg/L	EPA 200.8	0.074	0.4			
2020/21-3	Lab	LCS, rec	3/17/2021	Metal	Arsenic	Total	=	104	%	EPA 200.8	-88	-88	85	115	
2020/21-3	Lab	method blank	3/18/2021	Metal	Arsenic	Total	<	0.074	µg/L	EPA 200.8	0.074	0.4			
2020/21-3	Lab	LCS	3/18/2021	Metal	Arsenic	Total	=	50.1	µg/L	EPA 200.8	0.074	0.4			
2020/21-3	Lab	LCS, rec	3/18/2021	Metal	Arsenic	Total	=	100	%	EPA 200.8	-88	-88	85	115	
2020/21-3	ME-SCR	matrix spike	3/17/2021	Metal	Arsenic	Total	=	52.7	µg/L	EPA 200.8	0.074	0.4			
2020/21-3	ME-SCR	matrix spike, rec	3/17/2021	Metal	Arsenic	Total	=	104	%	EPA 200.8	-88	-88	70	130	
2020/21-3	ME-SCR	matrix spike dup	3/17/2021	Metal	Arsenic	Total	=	53	µg/L	EPA 200.8	0.074	0.4			
2020/21-3	ME-SCR	matrix spike dup, rec	3/17/2021	Metal	Arsenic	Total	=	105	%	EPA 200.8	-88	-88	70	130	
2020/21-3	ME-SCR	matrix spike, RPD	3/17/2021	Metal	Arsenic	Total	=	0.4	%	EPA 200.8	-88	-88	0	30	
2020/21-3	MO-HUE	matrix spike	3/18/2021	Metal	Arsenic	Total	=	52.6	µg/L	EPA 200.8	0.074	0.4			
2020/21-3	MO-HUE	matrix spike, rec	3/18/2021	Metal	Arsenic	Total	=	102	%	EPA 200.8	-88	-88	70	130	
2020/21-3	MO-HUE	matrix spike dup	3/18/2021	Metal	Arsenic	Total	=	52.5	µg/L	EPA 200.8	0.074	0.4			
2020/21-3	MO-HUE	matrix spike dup, rec	3/18/2021	Metal	Arsenic	Total	=	102	%	EPA 200.8	-88	-88	70	130	
2020/21-3	MO-HUE	matrix spike, RPD	3/18/2021	Metal	Arsenic	Total	=	0.05	%	EPA 200.8	-88	-88	0	30	
2020/21-3	MO-SIM	matrix spike	3/17/2021	Metal	Arsenic	Total	=	53.7	µg/L	EPA 200.8	0.074	0.4			
2020/21-3	MO-SIM	matrix spike, rec	3/17/2021	Metal	Arsenic	Total	=	103	%	EPA 200.8	-88	-88	70	130	
2020/21-3	MO-SIM	matrix spike dup	3/17/2021	Metal	Arsenic	Total	=	53.6	µg/L	EPA 200.8	0.074	0.4			
2020/21-3	MO-SIM	matrix spike dup, rec	3/17/2021	Metal	Arsenic	Total	=	102	%	EPA 200.8	-88	-88	70	130	
2020/21-3	MO-SIM	matrix spike, RPD	3/17/2021	Metal	Arsenic	Total	=	0.4	%	EPA 200.8	-88	-88	0	30	
2020/21-3	Lab	method blank	3/17/2021	Metal	Barium	Total	DNQ	0.167	µg/L	EPA 200.8	0.14	1			IP
2020/21-3	Lab	LCS	3/17/2021	Metal	Barium	Total	=	50.8	µg/L	EPA 200.8	0.14	1			
2020/21-3	Lab	LCS, rec	3/17/2021	Metal	Barium	Total	=	102	%	EPA 200.8	-88	-88	85	115	
2020/21-3	Lab	method blank	3/18/2021	Metal	Barium	Total	<	0.14	µg/L	EPA 200.8	0.14	1			
2020/21-3	Lab	LCS	3/18/2021	Metal	Barium	Total	=	49.8	µg/L	EPA 200.8	0.14	1			
2020/21-3	Lab	LCS, rec	3/18/2021	Metal	Barium	Total	=	100	%	EPA 200.8	-88	-88	85	115	

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Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2020/21-3	ME-SCR	matrix spike	3/17/2021	Metal	Barium	Total	=	87.5	µg/L	EPA 200.8	0.14	1			
2020/21-3	ME-SCR	matrix spike, rec	3/17/2021	Metal	Barium	Total	=	105	%	EPA 200.8	-88	-88	70	130	
2020/21-3	ME-SCR	matrix spike dup	3/17/2021	Metal	Barium	Total	=	86.9	µg/L	EPA 200.8	0.14	1			
2020/21-3	ME-SCR	matrix spike dup, rec	3/17/2021	Metal	Barium	Total	=	104	%	EPA 200.8	-88	-88	70	130	
2020/21-3	ME-SCR	matrix spike, RPD	3/17/2021	Metal	Barium	Total	=	0.7	%	EPA 200.8	-88	-88	0	30	
2020/21-3	MO-HUE	matrix spike	3/18/2021	Metal	Barium	Total	=	111	µg/L	EPA 200.8	0.14	1			
2020/21-3	MO-HUE	matrix spike, rec	3/18/2021	Metal	Barium	Total	=	99	%	EPA 200.8	-88	-88	70	130	
2020/21-3	MO-HUE	matrix spike dup	3/18/2021	Metal	Barium	Total	=	111	µg/L	EPA 200.8	0.14	1			
2020/21-3	MO-HUE	matrix spike dup, rec	3/18/2021	Metal	Barium	Total	=	98	%	EPA 200.8	-88	-88	70	130	
2020/21-3	MO-HUE	matrix spike, RPD	3/18/2021	Metal	Barium	Total	=	0.4	%	EPA 200.8	-88	-88	0	30	
2020/21-3	MO-SIM	matrix spike	3/17/2021	Metal	Barium	Total	=	72.4	µg/L	EPA 200.8	0.14	1			
2020/21-3	MO-SIM	matrix spike, rec	3/17/2021	Metal	Barium	Total	=	103	%	EPA 200.8	-88	-88	70	130	
2020/21-3	MO-SIM	matrix spike dup	3/17/2021	Metal	Barium	Total	=	73.3	µg/L	EPA 200.8	0.14	1			
2020/21-3	MO-SIM	matrix spike dup, rec	3/17/2021	Metal	Barium	Total	=	105	%	EPA 200.8	-88	-88	70	130	
2020/21-3	MO-SIM	matrix spike, RPD	3/17/2021	Metal	Barium	Total	=	1	%	EPA 200.8	-88	-88	0	30	
2020/21-3	Lab	method blank	3/17/2021	Metal	Beryllium	Dissolved	<	0.062	µg/L	EPA 200.8	0.062	0.1			
2020/21-3	Lab	LCS	3/17/2021	Metal	Beryllium	Dissolved	=	47.5	µg/L	EPA 200.8	0.062	0.1			
2020/21-3	Lab	LCS, rec	3/17/2021	Metal	Beryllium	Dissolved	=	95	%	EPA 200.8	-88	-88	85	115	
2020/21-3	Lab	method blank	3/18/2021	Metal	Beryllium	Dissolved	<	0.062	µg/L	EPA 200.8	0.062	0.1			
2020/21-3	Lab	LCS	3/18/2021	Metal	Beryllium	Dissolved	=	45.7	µg/L	EPA 200.8	0.062	0.1			
2020/21-3	Lab	LCS, rec	3/18/2021	Metal	Beryllium	Dissolved	=	91	%	EPA 200.8	-88	-88	85	115	
2020/21-3	Lab	method blank	3/17/2021	Metal	Beryllium	Total	<	0.062	µg/L	EPA 200.8	0.062	0.1			
2020/21-3	Lab	LCS	3/17/2021	Metal	Beryllium	Total	=	47.5	µg/L	EPA 200.8	0.062	0.1			
2020/21-3	Lab	LCS, rec	3/17/2021	Metal	Beryllium	Total	=	95	%	EPA 200.8	-88	-88	85	115	
2020/21-3	Lab	method blank	3/18/2021	Metal	Beryllium	Total	<	0.062	µg/L	EPA 200.8	0.062	0.1			
2020/21-3	Lab	LCS	3/18/2021	Metal	Beryllium	Total	=	45.7	µg/L	EPA 200.8	0.062	0.1			
2020/21-3	Lab	LCS, rec	3/18/2021	Metal	Beryllium	Total	=	91	%	EPA 200.8	-88	-88	85	115	
2020/21-3	ME-SCR	matrix spike	3/17/2021	Metal	Beryllium	Total	=	48.7	µg/L	EPA 200.8	0.062	0.1			
2020/21-3	ME-SCR	matrix spike, rec	3/17/2021	Metal	Beryllium	Total	=	97	%	EPA 200.8	-88	-88	70	130	
2020/21-3	ME-SCR	matrix spike dup	3/17/2021	Metal	Beryllium	Total	=	49	µg/L	EPA 200.8	0.062	0.1			
2020/21-3	ME-SCR	matrix spike dup, rec	3/17/2021	Metal	Beryllium	Total	=	98	%	EPA 200.8	-88	-88	70	130	
2020/21-3	ME-SCR	matrix spike, RPD	3/17/2021	Metal	Beryllium	Total	=	0.7	%	EPA 200.8	-88	-88	0	30	
2020/21-3	MO-HUE	matrix spike	3/18/2021	Metal	Beryllium	Total	=	52.9	µg/L	EPA 200.8	0.062	0.1			
2020/21-3	MO-HUE	matrix spike, rec	3/18/2021	Metal	Beryllium	Total	=	106	%	EPA 200.8	-88	-88	70	130	
2020/21-3	MO-HUE	matrix spike dup	3/18/2021	Metal	Beryllium	Total	=	53.5	µg/L	EPA 200.8	0.062	0.1			
2020/21-3	MO-HUE	matrix spike dup, rec	3/18/2021	Metal	Beryllium	Total	=	107	%	EPA 200.8	-88	-88	70	130	
2020/21-3	MO-HUE	matrix spike, RPD	3/18/2021	Metal	Beryllium	Total	=	1	%	EPA 200.8	-88	-88	0	30	
2020/21-3	MO-SIM	matrix spike	3/17/2021	Metal	Beryllium	Total	=	50	µg/L	EPA 200.8	0.062	0.1			
2020/21-3	MO-SIM	matrix spike, rec	3/17/2021	Metal	Beryllium	Total	=	100	%	EPA 200.8	-88	-88	70	130	
2020/21-3	MO-SIM	matrix spike dup	3/17/2021	Metal	Beryllium	Total	=	49.5	µg/L	EPA 200.8	0.062	0.1			
2020/21-3	MO-SIM	matrix spike dup, rec	3/17/2021	Metal	Beryllium	Total	=	99	%	EPA 200.8	-88	-88	70	130	
2020/21-3	MO-SIM	matrix spike, RPD	3/17/2021	Metal	Beryllium	Total	=	0.9	%	EPA 200.8	-88	-88	0	30	
2020/21-3	Lab	method blank	3/17/2021	Metal	Cadmium	Dissolved	<	0.042	µg/L	EPA 200.8	0.042	0.2			
2020/21-3	Lab	LCS	3/17/2021	Metal	Cadmium	Dissolved	=	50.7	µg/L	EPA 200.8	0.042	0.2			
2020/21-3	Lab	LCS, rec	3/17/2021	Metal	Cadmium	Dissolved	=	101	%	EPA 200.8	-88	-88	85	115	
2020/21-3	Lab	method blank	3/18/2021	Metal	Cadmium	Dissolved	<	0.042	µg/L	EPA 200.8	0.042	0.2			
2020/21-3	Lab	LCS	3/18/2021	Metal	Cadmium	Dissolved	=	48.8	µg/L	EPA 200.8	0.042	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	
2020/21-3	Lab	LCS, rec	3/18/2021	Metal	Cadmium	Dissolved	=	98	%	EPA 200.8	-88	-88	85	115	
2020/21-3	Lab	method blank	3/17/2021	Metal	Cadmium	Total	<	0.042	µg/L	EPA 200.8	0.042	0.2			
2020/21-3	Lab	LCS	3/17/2021	Metal	Cadmium	Total	=	50.7	µg/L	EPA 200.8	0.042	0.2			
2020/21-3	Lab	LCS, rec	3/17/2021	Metal	Cadmium	Total	=	101	%	EPA 200.8	-88	-88	85	115	
2020/21-3	Lab	method blank	3/18/2021	Metal	Cadmium	Total	<	0.042	µg/L	EPA 200.8	0.042	0.2			
2020/21-3	Lab	LCS	3/18/2021	Metal	Cadmium	Total	=	48.8	µg/L	EPA 200.8	0.042	0.2			
2020/21-3	Lab	LCS, rec	3/18/2021	Metal	Cadmium	Total	=	98	%	EPA 200.8	-88	-88	85	115	
2020/21-3	ME-SCR	matrix spike	3/17/2021	Metal	Cadmium	Total	=	49.7	µg/L	EPA 200.8	0.042	0.2			
2020/21-3	ME-SCR	matrix spike, rec	3/17/2021	Metal	Cadmium	Total	=	99	%	EPA 200.8	-88	-88	70	130	
2020/21-3	ME-SCR	matrix spike dup	3/17/2021	Metal	Cadmium	Total	=	49.3	µg/L	EPA 200.8	0.042	0.2			
2020/21-3	ME-SCR	matrix spike dup, rec	3/17/2021	Metal	Cadmium	Total	=	99	%	EPA 200.8	-88	-88	70	130	
2020/21-3	ME-SCR	matrix spike, RPD	3/17/2021	Metal	Cadmium	Total	=	0.7	%	EPA 200.8	-88	-88	0	30	
2020/21-3	MO-HUE	matrix spike	3/18/2021	Metal	Cadmium	Total	=	45.3	µg/L	EPA 200.8	0.042	0.2			
2020/21-3	MO-HUE	matrix spike, rec	3/18/2021	Metal	Cadmium	Total	=	90	%	EPA 200.8	-88	-88	70	130	
2020/21-3	MO-HUE	matrix spike dup	3/18/2021	Metal	Cadmium	Total	=	45.2	µg/L	EPA 200.8	0.042	0.2			
2020/21-3	MO-HUE	matrix spike dup, rec	3/18/2021	Metal	Cadmium	Total	=	90	%	EPA 200.8	-88	-88	70	130	
2020/21-3	MO-HUE	matrix spike, RPD	3/18/2021	Metal	Cadmium	Total	=	0.2	%	EPA 200.8	-88	-88	0	30	
2020/21-3	MO-SIM	matrix spike	3/17/2021	Metal	Cadmium	Total	=	49.7	µg/L	EPA 200.8	0.042	0.2			
2020/21-3	MO-SIM	matrix spike, rec	3/17/2021	Metal	Cadmium	Total	=	99	%	EPA 200.8	-88	-88	70	130	
2020/21-3	MO-SIM	matrix spike dup	3/17/2021	Metal	Cadmium	Total	=	50.3	µg/L	EPA 200.8	0.042	0.2			
2020/21-3	MO-SIM	matrix spike dup, rec	3/17/2021	Metal	Cadmium	Total	=	100	%	EPA 200.8	-88	-88	70	130	
2020/21-3	MO-SIM	matrix spike, RPD	3/17/2021	Metal	Cadmium	Total	=	1	%	EPA 200.8	-88	-88	0	30	
2020/21-3	Lab	method blank	3/17/2021	Metal	Chromium	Dissolved	DNQ	0.0955	µg/L	EPA 200.8	0.089	0.2			IP
2020/21-3	Lab	LCS	3/17/2021	Metal	Chromium	Dissolved	=	50.8	µg/L	EPA 200.8	0.089	0.2			
2020/21-3	Lab	LCS, rec	3/17/2021	Metal	Chromium	Dissolved	=	102	%	EPA 200.8	-88	-88	85	115	
2020/21-3	Lab	method blank	3/18/2021	Metal	Chromium	Dissolved	DNQ	0.105	µg/L	EPA 200.8	0.089	0.2			IP
2020/21-3	Lab	LCS	3/18/2021	Metal	Chromium	Dissolved	=	49.5	µg/L	EPA 200.8	0.089	0.2			
2020/21-3	Lab	LCS, rec	3/18/2021	Metal	Chromium	Dissolved	=	99	%	EPA 200.8	-88	-88	85	115	
2020/21-3	Lab	method blank	3/17/2021	Metal	Chromium	Total	<	0.089	µg/L	EPA 200.8	0.089	0.2			
2020/21-3	Lab	LCS	3/17/2021	Metal	Chromium	Total	=	50.8	µg/L	EPA 200.8	0.089	0.2			
2020/21-3	Lab	LCS, rec	3/17/2021	Metal	Chromium	Total	=	102	%	EPA 200.8	-88	-88	85	115	
2020/21-3	Lab	method blank	3/18/2021	Metal	Chromium	Total	<	0.089	µg/L	EPA 200.8	0.089	0.2			
2020/21-3	Lab	LCS	3/18/2021	Metal	Chromium	Total	=	49.5	µg/L	EPA 200.8	0.089	0.2			
2020/21-3	Lab	LCS, rec	3/18/2021	Metal	Chromium	Total	=	99	%	EPA 200.8	-88	-88	85	115	
2020/21-3	ME-SCR	matrix spike	3/17/2021	Metal	Chromium	Total	=	50.4	µg/L	EPA 200.8	0.089	0.2			
2020/21-3	ME-SCR	matrix spike, rec	3/17/2021	Metal	Chromium	Total	=	101	%	EPA 200.8	-88	-88	70	130	
2020/21-3	ME-SCR	matrix spike dup	3/17/2021	Metal	Chromium	Total	=	50.5	µg/L	EPA 200.8	0.089	0.2			
2020/21-3	ME-SCR	matrix spike dup, rec	3/17/2021	Metal	Chromium	Total	=	101	%	EPA 200.8	-88	-88	70	130	
2020/21-3	ME-SCR	matrix spike, RPD	3/17/2021	Metal	Chromium	Total	=	0.2	%	EPA 200.8	-88	-88	0	30	
2020/21-3	MO-HUE	matrix spike	3/18/2021	Metal	Chromium	Total	=	45.8	µg/L	EPA 200.8	0.089	0.2			
2020/21-3	MO-HUE	matrix spike, rec	3/18/2021	Metal	Chromium	Total	=	90	%	EPA 200.8	-88	-88	70	130	
2020/21-3	MO-HUE	matrix spike dup	3/18/2021	Metal	Chromium	Total	=	46.2	µg/L	EPA 200.8	0.089	0.2			
2020/21-3	MO-HUE	matrix spike dup, rec	3/18/2021	Metal	Chromium	Total	=	91	%	EPA 200.8	-88	-88	70	130	
2020/21-3	MO-HUE	matrix spike, RPD	3/18/2021	Metal	Chromium	Total	=	1	%	EPA 200.8	-88	-88	0	30	
2020/21-3	MO-SIM	matrix spike	3/17/2021	Metal	Chromium	Total	=	53.9	µg/L	EPA 200.8	0.089	0.2			
2020/21-3	MO-SIM	matrix spike, rec	3/17/2021	Metal	Chromium	Total	=	101	%	EPA 200.8	-88	-88	70	130	
2020/21-3	MO-SIM	matrix spike dup	3/17/2021	Metal	Chromium	Total	=	53.6	µg/L	EPA 200.8	0.089	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	
2020/21-3	MO-SIM	matrix spike dup, rec	3/17/2021	Metal	Chromium	Total	=	101	%	EPA 200.8	-88	-88	70	130	
2020/21-3	MO-SIM	matrix spike, RPD	3/17/2021	Metal	Chromium	Total	=	0.6	%	EPA 200.8	-88	-88	0	30	
2020/21-3	000NONPJ	matrix spike	3/22/2021	Metal	Chromium VI	n/a	=	6.03	µg/L	EPA 218.6	0.0079	0.02			
2020/21-3	000NONPJ	matrix spike, rec	3/22/2021	Metal	Chromium VI	n/a	=	99	%	EPA 218.6	-88	-88	88	112	
2020/21-3	000NONPJ	matrix spike dup	3/22/2021	Metal	Chromium VI	n/a	=	6.82	µg/L	EPA 218.6	0.0079	0.02			GB,IL
2020/21-3	000NONPJ	matrix spike dup, rec	3/22/2021	Metal	Chromium VI	n/a	=	115	%	EPA 218.6	-88	-88	88	112	GB,IL
2020/21-3	000NONPJ	matrix spike, RPD	3/22/2021	Metal	Chromium VI	n/a	=	12	%	EPA 218.6	-88	-88	0	10	GB,IL
2020/21-3	000NONPJ	matrix spike	3/22/2021	Metal	Chromium VI	n/a	=	6.23	µg/L	EPA 218.6	0.0079	0.02			GB
2020/21-3	000NONPJ	matrix spike, rec	3/22/2021	Metal	Chromium VI	n/a	=	115	%	EPA 218.6	-88	-88	88	112	GB
2020/21-3	000NONPJ	matrix spike dup	3/22/2021	Metal	Chromium VI	n/a	=	6.31	µg/L	EPA 218.6	0.0079	0.02			GB
2020/21-3	000NONPJ	matrix spike dup, rec	3/22/2021	Metal	Chromium VI	n/a	=	117	%	EPA 218.6	-88	-88	88	112	GB
2020/21-3	000NONPJ	matrix spike, RPD	3/22/2021	Metal	Chromium VI	n/a	=	1	%	EPA 218.6	-88	-88	0	10	GB
2020/21-3	000NONPJ	matrix spike	3/30/2021	Metal	Chromium VI	n/a	=	5.22	µg/L	EPA 218.6	0.0079	0.02			
2020/21-3	000NONPJ	matrix spike, rec	3/30/2021	Metal	Chromium VI	n/a	=	103	%	EPA 218.6	-88	-88	88	112	
2020/21-3	000NONPJ	matrix spike dup	3/30/2021	Metal	Chromium VI	n/a	=	5.29	µg/L	EPA 218.6	0.0079	0.02			
2020/21-3	000NONPJ	matrix spike dup, rec	3/30/2021	Metal	Chromium VI	n/a	=	104	%	EPA 218.6	-88	-88	88	112	
2020/21-3	000NONPJ	matrix spike, RPD	3/30/2021	Metal	Chromium VI	n/a	=	1	%	EPA 218.6	-88	-88	0	10	
2020/21-3	000NONPJ	matrix spike	3/30/2021	Metal	Chromium VI	n/a	=	4.95	µg/L	EPA 218.6	0.0079	0.02			
2020/21-3	000NONPJ	matrix spike, rec	3/30/2021	Metal	Chromium VI	n/a	=	99	%	EPA 218.6	-88	-88	88	112	
2020/21-3	000NONPJ	matrix spike dup	3/30/2021	Metal	Chromium VI	n/a	=	5.26	µg/L	EPA 218.6	0.0079	0.02			
2020/21-3	000NONPJ	matrix spike dup, rec	3/30/2021	Metal	Chromium VI	n/a	=	105	%	EPA 218.6	-88	-88	88	112	
2020/21-3	000NONPJ	matrix spike, RPD	3/30/2021	Metal	Chromium VI	n/a	=	6	%	EPA 218.6	-88	-88	0	10	
2020/21-3	Lab	method blank	3/22/2021	Metal	Chromium VI	n/a	<	0.0079	µg/L	EPA 218.6	0.0079	0.02			
2020/21-3	Lab	LCS	3/22/2021	Metal	Chromium VI	n/a	=	5.26	µg/L	EPA 218.6	0.0079	0.02			
2020/21-3	Lab	LCS, rec	3/22/2021	Metal	Chromium VI	n/a	=	105	%	EPA 218.6	-88	-88	90	110	
2020/21-3	Lab	method blank	3/30/2021	Metal	Chromium VI	n/a	<	0.0079	µg/L	EPA 218.6	0.0079	0.02			
2020/21-3	Lab	LCS	3/30/2021	Metal	Chromium VI	n/a	=	4.95	µg/L	EPA 218.6	0.0079	0.02			
2020/21-3	Lab	LCS, rec	3/30/2021	Metal	Chromium VI	n/a	=	99	%	EPA 218.6	-88	-88	90	110	
2020/21-3	Lab	method blank	3/17/2021	Metal	Copper	Dissolved	DNQ	0.27	µg/L	EPA 200.8	0.23	0.5			IP
2020/21-3	Lab	LCS	3/17/2021	Metal	Copper	Dissolved	=	53	µg/L	EPA 200.8	0.23	0.5			
2020/21-3	Lab	LCS, rec	3/17/2021	Metal	Copper	Dissolved	=	106	%	EPA 200.8	-88	-88	85	115	
2020/21-3	Lab	method blank	3/18/2021	Metal	Copper	Dissolved	DNQ	0.379	µg/L	EPA 200.8	0.23	0.5			IP
2020/21-3	Lab	LCS	3/18/2021	Metal	Copper	Dissolved	=	51.5	µg/L	EPA 200.8	0.23	0.5			
2020/21-3	Lab	LCS, rec	3/18/2021	Metal	Copper	Dissolved	=	103	%	EPA 200.8	-88	-88	85	115	
2020/21-3	Lab	method blank	3/17/2021	Metal	Copper	Total	<	0.23	µg/L	EPA 200.8	0.23	0.5			
2020/21-3	Lab	LCS	3/17/2021	Metal	Copper	Total	=	53	µg/L	EPA 200.8	0.23	0.5			
2020/21-3	Lab	LCS, rec	3/17/2021	Metal	Copper	Total	=	106	%	EPA 200.8	-88	-88	85	115	
2020/21-3	Lab	method blank	3/18/2021	Metal	Copper	Total	<	0.23	µg/L	EPA 200.8	0.23	0.5			
2020/21-3	Lab	LCS	3/18/2021	Metal	Copper	Total	=	51.5	µg/L	EPA 200.8	0.23	0.5			
2020/21-3	Lab	LCS, rec	3/18/2021	Metal	Copper	Total	=	103	%	EPA 200.8	-88	-88	85	115	
2020/21-3	ME-SCR	matrix spike	3/17/2021	Metal	Copper	Total	=	50.8	µg/L	EPA 200.8	0.23	0.5			
2020/21-3	ME-SCR	matrix spike, rec	3/17/2021	Metal	Copper	Total	=	99	%	EPA 200.8	-88	-88	70	130	
2020/21-3	ME-SCR	matrix spike dup	3/17/2021	Metal	Copper	Total	=	51.2	µg/L	EPA 200.8	0.23	0.5			
2020/21-3	ME-SCR	matrix spike dup, rec	3/17/2021	Metal	Copper	Total	=	100	%	EPA 200.8	-88	-88	70	130	
2020/21-3	ME-SCR	matrix spike, RPD	3/17/2021	Metal	Copper	Total	=	0.7	%	EPA 200.8	-88	-88	0	30	
2020/21-3	MO-HUE	matrix spike	3/18/2021	Metal	Copper	Total	=	45.5	µg/L	EPA 200.8	0.23	0.5			
2020/21-3	MO-HUE	matrix spike, rec	3/18/2021	Metal	Copper	Total	=	83	%	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	
2020/21-3	MO-HUE	matrix spike dup	3/18/2021	Metal	Copper	Total	=	45	µg/L	EPA 200.8	0.23	0.5			
2020/21-3	MO-HUE	matrix spike dup, rec	3/18/2021	Metal	Copper	Total	=	82	%	EPA 200.8	-88	-88	70	130	
2020/21-3	MO-HUE	matrix spike, RPD	3/18/2021	Metal	Copper	Total	=	1	%	EPA 200.8	-88	-88	0	30	
2020/21-3	MO-SIM	matrix spike	3/17/2021	Metal	Copper	Total	=	71	µg/L	EPA 200.8	0.23	0.5			
2020/21-3	MO-SIM	matrix spike, rec	3/17/2021	Metal	Copper	Total	=	102	%	EPA 200.8	-88	-88	70	130	
2020/21-3	MO-SIM	matrix spike dup	3/17/2021	Metal	Copper	Total	=	70.7	µg/L	EPA 200.8	0.23	0.5			
2020/21-3	MO-SIM	matrix spike dup, rec	3/17/2021	Metal	Copper	Total	=	101	%	EPA 200.8	-88	-88	70	130	
2020/21-3	MO-SIM	matrix spike, RPD	3/17/2021	Metal	Copper	Total	=	0.4	%	EPA 200.8	-88	-88	0	30	
2020/21-3	Lab	method blank	3/17/2021	Metal	Iron	Dissolved	<	3.9	µg/L	EPA 200.8	3.9	20			
2020/21-3	Lab	LCS	3/17/2021	Metal	Iron	Dissolved	=	1100	µg/L	EPA 200.8	3.9	20			
2020/21-3	Lab	LCS, rec	3/17/2021	Metal	Iron	Dissolved	=	105	%	EPA 200.8	-88	-88	85	115	
2020/21-3	Lab	method blank	3/18/2021	Metal	Iron	Dissolved	<	3.9	µg/L	EPA 200.8	3.9	20			
2020/21-3	Lab	LCS	3/18/2021	Metal	Iron	Dissolved	=	1080	µg/L	EPA 200.8	3.9	20			
2020/21-3	Lab	LCS, rec	3/18/2021	Metal	Iron	Dissolved	=	103	%	EPA 200.8	-88	-88	85	115	
2020/21-3	Lab	method blank	3/17/2021	Metal	Iron	Total	<	3.9	µg/L	EPA 200.8	3.9	20			
2020/21-3	Lab	LCS	3/17/2021	Metal	Iron	Total	=	1100	µg/L	EPA 200.8	3.9	20			
2020/21-3	Lab	LCS, rec	3/17/2021	Metal	Iron	Total	=	105	%	EPA 200.8	-88	-88	85	115	
2020/21-3	Lab	method blank	3/18/2021	Metal	Iron	Total	<	3.9	µg/L	EPA 200.8	3.9	20			
2020/21-3	Lab	LCS	3/18/2021	Metal	Iron	Total	=	1080	µg/L	EPA 200.8	3.9	20			
2020/21-3	Lab	LCS, rec	3/18/2021	Metal	Iron	Total	=	103	%	EPA 200.8	-88	-88	85	115	
2020/21-3	ME-SCR	matrix spike	3/17/2021	Metal	Iron	Total	=	1220	µg/L	EPA 200.8	3.9	20			
2020/21-3	ME-SCR	matrix spike, rec	3/17/2021	Metal	Iron	Total	=	106	%	EPA 200.8	-88	-88	70	130	
2020/21-3	ME-SCR	matrix spike dup	3/17/2021	Metal	Iron	Total	=	1210	µg/L	EPA 200.8	3.9	20			
2020/21-3	ME-SCR	matrix spike dup, rec	3/17/2021	Metal	Iron	Total	=	105	%	EPA 200.8	-88	-88	70	130	
2020/21-3	ME-SCR	matrix spike, RPD	3/17/2021	Metal	Iron	Total	=	0.5	%	EPA 200.8	-88	-88	0	30	
2020/21-3	MO-HUE	matrix spike	3/18/2021	Metal	Iron	Total	=	2480	µg/L	EPA 200.8	3.9	20			
2020/21-3	MO-HUE	matrix spike, rec	3/18/2021	Metal	Iron	Total	=	93	%	EPA 200.8	-88	-88	70	130	
2020/21-3	MO-HUE	matrix spike dup	3/18/2021	Metal	Iron	Total	=	2490	µg/L	EPA 200.8	3.9	20			
2020/21-3	MO-HUE	matrix spike dup, rec	3/18/2021	Metal	Iron	Total	=	94	%	EPA 200.8	-88	-88	70	130	
2020/21-3	MO-HUE	matrix spike, RPD	3/18/2021	Metal	Iron	Total	=	0.05	%	EPA 200.8	-88	-88	0	30	
2020/21-3	MO-SIM	matrix spike	3/17/2021	Metal	Iron	Total	=	2620	µg/L	EPA 200.8	3.9	20			
2020/21-3	MO-SIM	matrix spike, rec	3/17/2021	Metal	Iron	Total	=	102	%	EPA 200.8	-88	-88	70	130	
2020/21-3	MO-SIM	matrix spike dup	3/17/2021	Metal	Iron	Total	=	2630	µg/L	EPA 200.8	3.9	20			
2020/21-3	MO-SIM	matrix spike dup, rec	3/17/2021	Metal	Iron	Total	=	103	%	EPA 200.8	-88	-88	70	130	
2020/21-3	MO-SIM	matrix spike, RPD	3/17/2021	Metal	Iron	Total	=	0.3	%	EPA 200.8	-88	-88	0	30	
2020/21-3	Lab	method blank	3/17/2021	Metal	Lead	Dissolved	<	0.083	µg/L	EPA 200.8	0.083	0.2			
2020/21-3	Lab	LCS	3/17/2021	Metal	Lead	Dissolved	=	51.2	µg/L	EPA 200.8	0.083	0.2			
2020/21-3	Lab	LCS, rec	3/17/2021	Metal	Lead	Dissolved	=	103	%	EPA 200.8	-88	-88	85	115	
2020/21-3	Lab	method blank	3/18/2021	Metal	Lead	Dissolved	<	0.083	µg/L	EPA 200.8	0.083	0.2			
2020/21-3	Lab	LCS	3/18/2021	Metal	Lead	Dissolved	=	49.4	µg/L	EPA 200.8	0.083	0.2			
2020/21-3	Lab	LCS, rec	3/18/2021	Metal	Lead	Dissolved	=	99	%	EPA 200.8	-88	-88	85	115	
2020/21-3	Lab	method blank	3/17/2021	Metal	Lead	Total	<	0.083	µg/L	EPA 200.8	0.083	0.2			
2020/21-3	Lab	LCS	3/17/2021	Metal	Lead	Total	=	51.2	µg/L	EPA 200.8	0.083	0.2			
2020/21-3	Lab	LCS, rec	3/17/2021	Metal	Lead	Total	=	103	%	EPA 200.8	-88	-88	85	115	
2020/21-3	Lab	method blank	3/18/2021	Metal	Lead	Total	<	0.083	µg/L	EPA 200.8	0.083	0.2			
2020/21-3	Lab	LCS	3/18/2021	Metal	Lead	Total	=	49.4	µg/L	EPA 200.8	0.083	0.2			
2020/21-3	Lab	LCS, rec	3/18/2021	Metal	Lead	Total	=	99	%	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	
2020/21-3	ME-SCR	matrix spike	3/17/2021	Metal	Lead	Total	=	51.1	µg/L	EPA 200.8	0.083	0.2			
2020/21-3	ME-SCR	matrix spike, rec	3/17/2021	Metal	Lead	Total	=	102	%	EPA 200.8	-88	-88	70	130	
2020/21-3	ME-SCR	matrix spike dup	3/17/2021	Metal	Lead	Total	=	51.3	µg/L	EPA 200.8	0.083	0.2			
2020/21-3	ME-SCR	matrix spike dup, rec	3/17/2021	Metal	Lead	Total	=	102	%	EPA 200.8	-88	-88	70	130	
2020/21-3	ME-SCR	matrix spike, RPD	3/17/2021	Metal	Lead	Total	=	0.2	%	EPA 200.8	-88	-88	0	30	
2020/21-3	MO-HUE	matrix spike	3/18/2021	Metal	Lead	Total	=	51.2	µg/L	EPA 200.8	0.083	0.2			
2020/21-3	MO-HUE	matrix spike, rec	3/18/2021	Metal	Lead	Total	=	101	%	EPA 200.8	-88	-88	70	130	
2020/21-3	MO-HUE	matrix spike dup	3/18/2021	Metal	Lead	Total	=	51.3	µg/L	EPA 200.8	0.083	0.2			
2020/21-3	MO-HUE	matrix spike dup, rec	3/18/2021	Metal	Lead	Total	=	101	%	EPA 200.8	-88	-88	70	130	
2020/21-3	MO-HUE	matrix spike, RPD	3/18/2021	Metal	Lead	Total	=	0.2	%	EPA 200.8	-88	-88	0	30	
2020/21-3	MO-SIM	matrix spike	3/17/2021	Metal	Lead	Total	=	52	µg/L	EPA 200.8	0.083	0.2			
2020/21-3	MO-SIM	matrix spike, rec	3/17/2021	Metal	Lead	Total	=	102	%	EPA 200.8	-88	-88	70	130	
2020/21-3	MO-SIM	matrix spike dup	3/17/2021	Metal	Lead	Total	=	52.1	µg/L	EPA 200.8	0.083	0.2			
2020/21-3	MO-SIM	matrix spike dup, rec	3/17/2021	Metal	Lead	Total	=	102	%	EPA 200.8	-88	-88	70	130	
2020/21-3	MO-SIM	matrix spike, RPD	3/17/2021	Metal	Lead	Total	=	0.2	%	EPA 200.8	-88	-88	0	30	
2020/21-3	000NONPJ	matrix spike	3/18/2021	Metal	Mercury	Dissolved	=	862	ng/L	EPA 245.1	17	50			
2020/21-3	000NONPJ	matrix spike, rec	3/18/2021	Metal	Mercury	Dissolved	=	86	%	EPA 245.1	-88	-88	70	130	
2020/21-3	000NONPJ	matrix spike dup	3/18/2021	Metal	Mercury	Dissolved	=	848	ng/L	EPA 245.1	17	50			
2020/21-3	000NONPJ	matrix spike dup, rec	3/18/2021	Metal	Mercury	Dissolved	=	85	%	EPA 245.1	-88	-88	70	130	
2020/21-3	000NONPJ	matrix spike, RPD	3/18/2021	Metal	Mercury	Dissolved	=	2	%	EPA 245.1	-88	-88	0	20	
2020/21-3	Lab	method blank	3/18/2021	Metal	Mercury	Dissolved	<	17	ng/L	EPA 245.1	17	50			
2020/21-3	Lab	LCS	3/18/2021	Metal	Mercury	Dissolved	=	850	ng/L	EPA 245.1	17	50			
2020/21-3	Lab	LCS, rec	3/18/2021	Metal	Mercury	Dissolved	=	85	%	EPA 245.1	-88	-88	85	115	
2020/21-3	Lab	method blank	3/18/2021	Metal	Mercury	Dissolved	<	17	ng/L	EPA 245.1	17	50			
2020/21-3	Lab	LCS	3/18/2021	Metal	Mercury	Dissolved	=	850	ng/L	EPA 245.1	17	50			
2020/21-3	Lab	LCS, rec	3/18/2021	Metal	Mercury	Dissolved	=	85	%	EPA 245.1	-88	-88	85	115	
2020/21-3	ME-VR2	matrix spike	3/18/2021	Metal	Mercury	Dissolved	=	833	ng/L	EPA 245.1	17	50			
2020/21-3	ME-VR2	matrix spike, rec	3/18/2021	Metal	Mercury	Dissolved	=	83	%	EPA 245.1	-88	-88	70	130	
2020/21-3	ME-VR2	matrix spike dup	3/18/2021	Metal	Mercury	Dissolved	=	831	ng/L	EPA 245.1	17	50			
2020/21-3	ME-VR2	matrix spike dup, rec	3/18/2021	Metal	Mercury	Dissolved	=	83	%	EPA 245.1	-88	-88	70	130	
2020/21-3	ME-VR2	matrix spike, RPD	3/18/2021	Metal	Mercury	Dissolved	=	0.2	%	EPA 245.1	-88	-88	0	20	
2020/21-3	MO-FIL	matrix spike	3/18/2021	Metal	Mercury	Dissolved	=	810	ng/L	EPA 245.1	17	50			
2020/21-3	MO-FIL	matrix spike, rec	3/18/2021	Metal	Mercury	Dissolved	=	81	%	EPA 245.1	-88	-88	70	130	
2020/21-3	MO-FIL	matrix spike dup	3/18/2021	Metal	Mercury	Dissolved	=	820	ng/L	EPA 245.1	17	50			
2020/21-3	MO-FIL	matrix spike dup, rec	3/18/2021	Metal	Mercury	Dissolved	=	82	%	EPA 245.1	-88	-88	70	130	
2020/21-3	MO-FIL	matrix spike, RPD	3/18/2021	Metal	Mercury	Dissolved	=	1	%	EPA 245.1	-88	-88	0	20	
2020/21-3	MO-MPK	matrix spike	3/18/2021	Metal	Mercury	Dissolved	=	812	ng/L	EPA 245.1	17	50			
2020/21-3	MO-MPK	matrix spike, rec	3/18/2021	Metal	Mercury	Dissolved	=	81	%	EPA 245.1	-88	-88	70	130	
2020/21-3	MO-MPK	matrix spike dup	3/18/2021	Metal	Mercury	Dissolved	=	821	ng/L	EPA 245.1	17	50			
2020/21-3	MO-MPK	matrix spike dup, rec	3/18/2021	Metal	Mercury	Dissolved	=	82	%	EPA 245.1	-88	-88	70	130	
2020/21-3	MO-MPK	matrix spike, RPD	3/18/2021	Metal	Mercury	Dissolved	=	1	%	EPA 245.1	-88	-88	0	20	
2020/21-3	000NONPJ	matrix spike	3/18/2021	Metal	Mercury	Total	=	862	ng/L	EPA 245.1	17	50			
2020/21-3	000NONPJ	matrix spike, rec	3/18/2021	Metal	Mercury	Total	=	86	%	EPA 245.1	-88	-88	70	130	
2020/21-3	000NONPJ	matrix spike dup	3/18/2021	Metal	Mercury	Total	=	848	ng/L	EPA 245.1	17	50			
2020/21-3	000NONPJ	matrix spike dup, rec	3/18/2021	Metal	Mercury	Total	=	85	%	EPA 245.1	-88	-88	70	130	
2020/21-3	000NONPJ	matrix spike, RPD	3/18/2021	Metal	Mercury	Total	=	2	%	EPA 245.1	-88	-88	0	20	
2020/21-3	Lab	method blank	3/18/2021	Metal	Mercury	Total	<	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	
2020/21-3	Lab	LCS	3/18/2021	Metal	Mercury	Total	=	850	ng/L	EPA 245.1	17	50			
2020/21-3	Lab	LCS, rec	3/18/2021	Metal	Mercury	Total	=	85	%	EPA 245.1	-88	-88	85	115	
2020/21-3	Lab	method blank	3/18/2021	Metal	Mercury	Total	<	17	ng/L	EPA 245.1	17	50			
2020/21-3	Lab	LCS	3/18/2021	Metal	Mercury	Total	=	850	ng/L	EPA 245.1	17	50			
2020/21-3	Lab	LCS, rec	3/18/2021	Metal	Mercury	Total	=	85	%	EPA 245.1	-88	-88	85	115	
2020/21-3	ME-VR2	matrix spike	3/18/2021	Metal	Mercury	Total	=	833	ng/L	EPA 245.1	17	50			
2020/21-3	ME-VR2	matrix spike, rec	3/18/2021	Metal	Mercury	Total	=	83	%	EPA 245.1	-88	-88	70	130	
2020/21-3	ME-VR2	matrix spike dup	3/18/2021	Metal	Mercury	Total	=	831	ng/L	EPA 245.1	17	50			
2020/21-3	ME-VR2	matrix spike dup, rec	3/18/2021	Metal	Mercury	Total	=	83	%	EPA 245.1	-88	-88	70	130	
2020/21-3	ME-VR2	matrix spike, RPD	3/18/2021	Metal	Mercury	Total	=	0.2	%	EPA 245.1	-88	-88	0	20	
2020/21-3	MO-FIL	matrix spike	3/18/2021	Metal	Mercury	Total	=	810	ng/L	EPA 245.1	17	50			
2020/21-3	MO-FIL	matrix spike, rec	3/18/2021	Metal	Mercury	Total	=	81	%	EPA 245.1	-88	-88	70	130	
2020/21-3	MO-FIL	matrix spike dup	3/18/2021	Metal	Mercury	Total	=	820	ng/L	EPA 245.1	17	50			
2020/21-3	MO-FIL	matrix spike dup, rec	3/18/2021	Metal	Mercury	Total	=	82	%	EPA 245.1	-88	-88	70	130	
2020/21-3	MO-FIL	matrix spike, RPD	3/18/2021	Metal	Mercury	Total	=	1	%	EPA 245.1	-88	-88	0	20	
2020/21-3	MO-MPK	matrix spike	3/18/2021	Metal	Mercury	Total	=	812	ng/L	EPA 245.1	17	50			
2020/21-3	MO-MPK	matrix spike, rec	3/18/2021	Metal	Mercury	Total	=	78	%	EPA 245.1	-88	-88	70	130	
2020/21-3	MO-MPK	matrix spike dup	3/18/2021	Metal	Mercury	Total	=	821	ng/L	EPA 245.1	17	50			
2020/21-3	MO-MPK	matrix spike dup, rec	3/18/2021	Metal	Mercury	Total	=	79	%	EPA 245.1	-88	-88	70	130	
2020/21-3	MO-MPK	matrix spike, RPD	3/18/2021	Metal	Mercury	Total	=	1	%	EPA 245.1	-88	-88	0	20	
2020/21-3	Lab	method blank	3/17/2021	Metal	Nickel	Dissolved	DNQ	0.233	µg/L	EPA 200.8	0.16	2			IP
2020/21-3	Lab	LCS	3/17/2021	Metal	Nickel	Dissolved	=	51.1	µg/L	EPA 200.8	0.16	2			
2020/21-3	Lab	LCS, rec	3/17/2021	Metal	Nickel	Dissolved	=	102	%	EPA 200.8	-88	-88	85	115	
2020/21-3	Lab	method blank	3/18/2021	Metal	Nickel	Dissolved	<	0.16	µg/L	EPA 200.8	0.16	2			
2020/21-3	Lab	LCS	3/18/2021	Metal	Nickel	Dissolved	=	49.5	µg/L	EPA 200.8	0.16	2			
2020/21-3	Lab	LCS, rec	3/18/2021	Metal	Nickel	Dissolved	=	99	%	EPA 200.8	-88	-88	85	115	
2020/21-3	Lab	method blank	3/17/2021	Metal	Nickel	Total	DNQ	0.607	µg/L	EPA 200.8	0.16	2			IP
2020/21-3	Lab	LCS	3/17/2021	Metal	Nickel	Total	=	51.1	µg/L	EPA 200.8	0.16	2			
2020/21-3	Lab	LCS, rec	3/17/2021	Metal	Nickel	Total	=	102	%	EPA 200.8	-88	-88	85	115	
2020/21-3	Lab	method blank	3/18/2021	Metal	Nickel	Total	<	0.16	µg/L	EPA 200.8	0.16	2			
2020/21-3	Lab	LCS	3/18/2021	Metal	Nickel	Total	=	49.5	µg/L	EPA 200.8	0.16	2			
2020/21-3	Lab	LCS, rec	3/18/2021	Metal	Nickel	Total	=	99	%	EPA 200.8	-88	-88	85	115	
2020/21-3	ME-SCR	matrix spike	3/17/2021	Metal	Nickel	Total	=	51	µg/L	EPA 200.8	0.16	2			
2020/21-3	ME-SCR	matrix spike, rec	3/17/2021	Metal	Nickel	Total	=	97	%	EPA 200.8	-88	-88	70	130	
2020/21-3	ME-SCR	matrix spike dup	3/17/2021	Metal	Nickel	Total	=	51.4	µg/L	EPA 200.8	0.16	2			
2020/21-3	ME-SCR	matrix spike dup, rec	3/17/2021	Metal	Nickel	Total	=	98	%	EPA 200.8	-88	-88	70	130	
2020/21-3	ME-SCR	matrix spike, RPD	3/17/2021	Metal	Nickel	Total	=	0.7	%	EPA 200.8	-88	-88	0	30	
2020/21-3	MO-HUE	matrix spike	3/18/2021	Metal	Nickel	Total	=	43.8	µg/L	EPA 200.8	0.16	2			
2020/21-3	MO-HUE	matrix spike, rec	3/18/2021	Metal	Nickel	Total	=	83	%	EPA 200.8	-88	-88	70	130	
2020/21-3	MO-HUE	matrix spike dup	3/18/2021	Metal	Nickel	Total	=	44.4	µg/L	EPA 200.8	0.16	2			
2020/21-3	MO-HUE	matrix spike dup, rec	3/18/2021	Metal	Nickel	Total	=	84	%	EPA 200.8	-88	-88	70	130	
2020/21-3	MO-HUE	matrix spike, RPD	3/18/2021	Metal	Nickel	Total	=	1	%	EPA 200.8	-88	-88	0	30	
2020/21-3	MO-SIM	matrix spike	3/17/2021	Metal	Nickel	Total	=	56.1	µg/L	EPA 200.8	0.16	2			
2020/21-3	MO-SIM	matrix spike, rec	3/17/2021	Metal	Nickel	Total	=	99	%	EPA 200.8	-88	-88	70	130	
2020/21-3	MO-SIM	matrix spike dup	3/17/2021	Metal	Nickel	Total	=	56.4	µg/L	EPA 200.8	0.16	2			
2020/21-3	MO-SIM	matrix spike dup, rec	3/17/2021	Metal	Nickel	Total	=	100	%	EPA 200.8	-88	-88	70	130	
2020/21-3	MO-SIM	matrix spike, RPD	3/17/2021	Metal	Nickel	Total	=	0.5	%	EPA 200.8	-88	-88	0	30	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2020/21-3	Lab	method blank	3/17/2021	Metal	Selenium	Dissolved	<	0.067	µg/L	EPA 200.8	0.067	0.4			
2020/21-3	Lab	LCS	3/17/2021	Metal	Selenium	Dissolved	=	50.3	µg/L	EPA 200.8	0.067	0.4			
2020/21-3	Lab	LCS, rec	3/17/2021	Metal	Selenium	Dissolved	=	101	%	EPA 200.8	-88	-88	85	115	
2020/21-3	Lab	method blank	3/18/2021	Metal	Selenium	Dissolved	<	0.067	µg/L	EPA 200.8	0.067	0.4			
2020/21-3	Lab	LCS	3/18/2021	Metal	Selenium	Dissolved	=	47	µg/L	EPA 200.8	0.067	0.4			
2020/21-3	Lab	LCS, rec	3/18/2021	Metal	Selenium	Dissolved	=	94	%	EPA 200.8	-88	-88	85	115	
2020/21-3	Lab	method blank	3/17/2021	Metal	Selenium	Total	<	0.067	µg/L	EPA 200.8	0.067	0.4			
2020/21-3	Lab	LCS	3/17/2021	Metal	Selenium	Total	=	50.3	µg/L	EPA 200.8	0.067	0.4			
2020/21-3	Lab	LCS, rec	3/17/2021	Metal	Selenium	Total	=	101	%	EPA 200.8	-88	-88	85	115	
2020/21-3	Lab	method blank	3/18/2021	Metal	Selenium	Total	<	0.067	µg/L	EPA 200.8	0.067	0.4			
2020/21-3	Lab	LCS	3/18/2021	Metal	Selenium	Total	=	47	µg/L	EPA 200.8	0.067	0.4			
2020/21-3	Lab	LCS, rec	3/18/2021	Metal	Selenium	Total	=	94	%	EPA 200.8	-88	-88	85	115	
2020/21-3	ME-SCR	matrix spike	3/17/2021	Metal	Selenium	Total	=	53.4	µg/L	EPA 200.8	0.067	0.4			
2020/21-3	ME-SCR	matrix spike, rec	3/17/2021	Metal	Selenium	Total	=	99	%	EPA 200.8	-88	-88	70	130	
2020/21-3	ME-SCR	matrix spike dup	3/17/2021	Metal	Selenium	Total	=	54	µg/L	EPA 200.8	0.067	0.4			
2020/21-3	ME-SCR	matrix spike dup, rec	3/17/2021	Metal	Selenium	Total	=	100	%	EPA 200.8	-88	-88	70	130	
2020/21-3	ME-SCR	matrix spike, RPD	3/17/2021	Metal	Selenium	Total	=	1	%	EPA 200.8	-88	-88	0	30	
2020/21-3	MO-HUE	matrix spike	3/18/2021	Metal	Selenium	Total	=	46.7	µg/L	EPA 200.8	0.067	0.4			
2020/21-3	MO-HUE	matrix spike, rec	3/18/2021	Metal	Selenium	Total	=	93	%	EPA 200.8	-88	-88	70	130	
2020/21-3	MO-HUE	matrix spike dup	3/18/2021	Metal	Selenium	Total	=	46.3	µg/L	EPA 200.8	0.067	0.4			
2020/21-3	MO-HUE	matrix spike dup, rec	3/18/2021	Metal	Selenium	Total	=	92	%	EPA 200.8	-88	-88	70	130	
2020/21-3	MO-HUE	matrix spike, RPD	3/18/2021	Metal	Selenium	Total	=	0.8	%	EPA 200.8	-88	-88	0	30	
2020/21-3	MO-SIM	matrix spike	3/17/2021	Metal	Selenium	Total	=	62.8	µg/L	EPA 200.8	0.067	0.4			
2020/21-3	MO-SIM	matrix spike, rec	3/17/2021	Metal	Selenium	Total	=	98	%	EPA 200.8	-88	-88	70	130	
2020/21-3	MO-SIM	matrix spike dup	3/17/2021	Metal	Selenium	Total	=	63.1	µg/L	EPA 200.8	0.067	0.4			
2020/21-3	MO-SIM	matrix spike dup, rec	3/17/2021	Metal	Selenium	Total	=	99	%	EPA 200.8	-88	-88	70	130	
2020/21-3	MO-SIM	matrix spike, RPD	3/17/2021	Metal	Selenium	Total	=	0.6	%	EPA 200.8	-88	-88	0	30	
2020/21-3	Lab	method blank	3/17/2021	Metal	Silver	Dissolved	<	0.03	µg/L	EPA 200.8	0.03	0.2			
2020/21-3	Lab	LCS	3/17/2021	Metal	Silver	Dissolved	=	50.3	µg/L	EPA 200.8	0.03	0.2			
2020/21-3	Lab	LCS, rec	3/17/2021	Metal	Silver	Dissolved	=	101	%	EPA 200.8	-88	-88	85	115	
2020/21-3	Lab	method blank	3/18/2021	Metal	Silver	Dissolved	<	0.03	µg/L	EPA 200.8	0.03	0.2			
2020/21-3	Lab	LCS	3/18/2021	Metal	Silver	Dissolved	=	47.6	µg/L	EPA 200.8	0.03	0.2			
2020/21-3	Lab	LCS, rec	3/18/2021	Metal	Silver	Dissolved	=	95	%	EPA 200.8	-88	-88	85	115	
2020/21-3	Lab	method blank	3/17/2021	Metal	Silver	Total	<	0.03	µg/L	EPA 200.8	0.03	0.2			
2020/21-3	Lab	LCS	3/17/2021	Metal	Silver	Total	=	50.3	µg/L	EPA 200.8	0.03	0.2			
2020/21-3	Lab	LCS, rec	3/17/2021	Metal	Silver	Total	=	101	%	EPA 200.8	-88	-88	85	115	
2020/21-3	Lab	method blank	3/18/2021	Metal	Silver	Total	<	0.03	µg/L	EPA 200.8	0.03	0.2			
2020/21-3	Lab	LCS	3/18/2021	Metal	Silver	Total	=	47.6	µg/L	EPA 200.8	0.03	0.2			
2020/21-3	Lab	LCS, rec	3/18/2021	Metal	Silver	Total	=	95	%	EPA 200.8	-88	-88	85	115	
2020/21-3	ME-SCR	matrix spike	3/17/2021	Metal	Silver	Total	=	48.3	µg/L	EPA 200.8	0.03	0.2			
2020/21-3	ME-SCR	matrix spike, rec	3/17/2021	Metal	Silver	Total	=	96	%	EPA 200.8	-88	-88	70	130	
2020/21-3	ME-SCR	matrix spike dup	3/17/2021	Metal	Silver	Total	=	48.7	µg/L	EPA 200.8	0.03	0.2			
2020/21-3	ME-SCR	matrix spike dup, rec	3/17/2021	Metal	Silver	Total	=	97	%	EPA 200.8	-88	-88	70	130	
2020/21-3	ME-SCR	matrix spike, RPD	3/17/2021	Metal	Silver	Total	=	0.8	%	EPA 200.8	-88	-88	0	30	
2020/21-3	MO-HUE	matrix spike	3/18/2021	Metal	Silver	Total	=	42.5	µg/L	EPA 200.8	0.03	0.2			
2020/21-3	MO-HUE	matrix spike, rec	3/18/2021	Metal	Silver	Total	=	85	%	EPA 200.8	-88	-88	70	130	
2020/21-3	MO-HUE	matrix spike dup	3/18/2021	Metal	Silver	Total	=	42.6	µg/L	EPA 200.8	0.03	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	
2020/21-3	MO-HUE	matrix spike dup, rec	3/18/2021	Metal	Silver	Total	=	85	%	EPA 200.8	-88	-88	70	130	
2020/21-3	MO-HUE	matrix spike, RPD	3/18/2021	Metal	Silver	Total	=	0.4	%	EPA 200.8	-88	-88	0	30	
2020/21-3	MO-SIM	matrix spike	3/17/2021	Metal	Silver	Total	=	48.6	µg/L	EPA 200.8	0.03	0.2			
2020/21-3	MO-SIM	matrix spike, rec	3/17/2021	Metal	Silver	Total	=	97	%	EPA 200.8	-88	-88	70	130	
2020/21-3	MO-SIM	matrix spike dup	3/17/2021	Metal	Silver	Total	=	49.4	µg/L	EPA 200.8	0.03	0.2			
2020/21-3	MO-SIM	matrix spike dup, rec	3/17/2021	Metal	Silver	Total	=	99	%	EPA 200.8	-88	-88	70	130	
2020/21-3	MO-SIM	matrix spike, RPD	3/17/2021	Metal	Silver	Total	=	2	%	EPA 200.8	-88	-88	0	30	
2020/21-3	Lab	method blank	3/17/2021	Metal	Thallium	Dissolved	<	0.021	µg/L	EPA 200.8	0.021	0.2			
2020/21-3	Lab	LCS	3/17/2021	Metal	Thallium	Dissolved	=	51	µg/L	EPA 200.8	0.021	0.2			
2020/21-3	Lab	LCS, rec	3/17/2021	Metal	Thallium	Dissolved	=	102	%	EPA 200.8	-88	-88	85	115	
2020/21-3	Lab	method blank	3/18/2021	Metal	Thallium	Dissolved	<	0.021	µg/L	EPA 200.8	0.021	0.2			
2020/21-3	Lab	LCS	3/18/2021	Metal	Thallium	Dissolved	=	49.9	µg/L	EPA 200.8	0.021	0.2			
2020/21-3	Lab	LCS, rec	3/18/2021	Metal	Thallium	Dissolved	=	100	%	EPA 200.8	-88	-88	85	115	
2020/21-3	Lab	method blank	3/17/2021	Metal	Thallium	Total	<	0.021	µg/L	EPA 200.8	0.021	0.2			
2020/21-3	Lab	LCS	3/17/2021	Metal	Thallium	Total	=	51	µg/L	EPA 200.8	0.021	0.2			
2020/21-3	Lab	LCS, rec	3/17/2021	Metal	Thallium	Total	=	102	%	EPA 200.8	-88	-88	85	115	
2020/21-3	Lab	method blank	3/18/2021	Metal	Thallium	Total	<	0.021	µg/L	EPA 200.8	0.021	0.2			
2020/21-3	Lab	LCS	3/18/2021	Metal	Thallium	Total	=	49.9	µg/L	EPA 200.8	0.021	0.2			
2020/21-3	Lab	LCS, rec	3/18/2021	Metal	Thallium	Total	=	100	%	EPA 200.8	-88	-88	85	115	
2020/21-3	ME-SCR	matrix spike	3/17/2021	Metal	Thallium	Total	=	51.2	µg/L	EPA 200.8	0.021	0.2			
2020/21-3	ME-SCR	matrix spike, rec	3/17/2021	Metal	Thallium	Total	=	102	%	EPA 200.8	-88	-88	70	130	
2020/21-3	ME-SCR	matrix spike dup	3/17/2021	Metal	Thallium	Total	=	51.5	µg/L	EPA 200.8	0.021	0.2			
2020/21-3	ME-SCR	matrix spike dup, rec	3/17/2021	Metal	Thallium	Total	=	103	%	EPA 200.8	-88	-88	70	130	
2020/21-3	ME-SCR	matrix spike, RPD	3/17/2021	Metal	Thallium	Total	=	0.6	%	EPA 200.8	-88	-88	0	30	
2020/21-3	MO-HUE	matrix spike	3/18/2021	Metal	Thallium	Total	=	51.7	µg/L	EPA 200.8	0.021	0.2			
2020/21-3	MO-HUE	matrix spike, rec	3/18/2021	Metal	Thallium	Total	=	103	%	EPA 200.8	-88	-88	70	130	
2020/21-3	MO-HUE	matrix spike dup	3/18/2021	Metal	Thallium	Total	=	51.9	µg/L	EPA 200.8	0.021	0.2			
2020/21-3	MO-HUE	matrix spike dup, rec	3/18/2021	Metal	Thallium	Total	=	104	%	EPA 200.8	-88	-88	70	130	
2020/21-3	MO-HUE	matrix spike, RPD	3/18/2021	Metal	Thallium	Total	=	0.3	%	EPA 200.8	-88	-88	0	30	
2020/21-3	MO-SIM	matrix spike	3/17/2021	Metal	Thallium	Total	=	51.2	µg/L	EPA 200.8	0.021	0.2			
2020/21-3	MO-SIM	matrix spike, rec	3/17/2021	Metal	Thallium	Total	=	102	%	EPA 200.8	-88	-88	70	130	
2020/21-3	MO-SIM	matrix spike dup	3/17/2021	Metal	Thallium	Total	=	51.7	µg/L	EPA 200.8	0.021	0.2			
2020/21-3	MO-SIM	matrix spike dup, rec	3/17/2021	Metal	Thallium	Total	=	103	%	EPA 200.8	-88	-88	70	130	
2020/21-3	MO-SIM	matrix spike, RPD	3/17/2021	Metal	Thallium	Total	=	1	%	EPA 200.8	-88	-88	0	30	
2020/21-3	Lab	method blank	3/17/2021	Metal	Zinc	Dissolved	<	0.8	µg/L	EPA 200.8	0.8	10			
2020/21-3	Lab	LCS	3/17/2021	Metal	Zinc	Dissolved	=	51.4	µg/L	EPA 200.8	0.8	10			
2020/21-3	Lab	LCS, rec	3/17/2021	Metal	Zinc	Dissolved	=	103	%	EPA 200.8	-88	-88	85	115	
2020/21-3	Lab	method blank	3/18/2021	Metal	Zinc	Dissolved	<	0.8	µg/L	EPA 200.8	0.8	10			
2020/21-3	Lab	LCS	3/18/2021	Metal	Zinc	Dissolved	=	49.1	µg/L	EPA 200.8	0.8	10			
2020/21-3	Lab	LCS, rec	3/18/2021	Metal	Zinc	Dissolved	=	98	%	EPA 200.8	-88	-88	85	115	
2020/21-3	Lab	method blank	3/17/2021	Metal	Zinc	Total	<	0.8	µg/L	EPA 200.8	0.8	10			
2020/21-3	Lab	LCS	3/17/2021	Metal	Zinc	Total	=	51.4	µg/L	EPA 200.8	0.8	10			
2020/21-3	Lab	LCS, rec	3/17/2021	Metal	Zinc	Total	=	103	%	EPA 200.8	-88	-88	85	115	
2020/21-3	Lab	method blank	3/18/2021	Metal	Zinc	Total	<	0.8	µg/L	EPA 200.8	0.8	10			
2020/21-3	Lab	LCS	3/18/2021	Metal	Zinc	Total	=	49.1	µg/L	EPA 200.8	0.8	10			
2020/21-3	Lab	LCS, rec	3/18/2021	Metal	Zinc	Total	=	98	%	EPA 200.8	-88	-88	85	115	
2020/21-3	ME-SCR	matrix spike	3/17/2021	Metal	Zinc	Total	=	49.7	µg/L	EPA 200.8	0.8	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	
2020/21-3	ME-SCR	matrix spike, rec	3/17/2021	Metal	Zinc	Total	=	96	%	EPA 200.8	-88	-88	70	130	
2020/21-3	ME-SCR	matrix spike dup	3/17/2021	Metal	Zinc	Total	=	49.5	µg/L	EPA 200.8	0.8	10			
2020/21-3	ME-SCR	matrix spike dup, rec	3/17/2021	Metal	Zinc	Total	=	95	%	EPA 200.8	-88	-88	70	130	
2020/21-3	ME-SCR	matrix spike, RPD	3/17/2021	Metal	Zinc	Total	=	0.5	%	EPA 200.8	-88	-88	0	30	
2020/21-3	MO-HUE	matrix spike	3/18/2021	Metal	Zinc	Total	=	73.9	µg/L	EPA 200.8	0.8	10			
2020/21-3	MO-HUE	matrix spike, rec	3/18/2021	Metal	Zinc	Total	=	92	%	EPA 200.8	-88	-88	70	130	
2020/21-3	MO-HUE	matrix spike dup	3/18/2021	Metal	Zinc	Total	=	71.9	µg/L	EPA 200.8	0.8	10			
2020/21-3	MO-HUE	matrix spike dup, rec	3/18/2021	Metal	Zinc	Total	=	88	%	EPA 200.8	-88	-88	70	130	
2020/21-3	MO-HUE	matrix spike, RPD	3/18/2021	Metal	Zinc	Total	=	3	%	EPA 200.8	-88	-88	0	30	
2020/21-3	MO-SIM	matrix spike	3/17/2021	Metal	Zinc	Total	=	101	µg/L	EPA 200.8	0.8	10			
2020/21-3	MO-SIM	matrix spike, rec	3/17/2021	Metal	Zinc	Total	=	95	%	EPA 200.8	-88	-88	70	130	
2020/21-3	MO-SIM	matrix spike dup	3/17/2021	Metal	Zinc	Total	=	101	µg/L	EPA 200.8	0.8	10			
2020/21-3	MO-SIM	matrix spike dup, rec	3/17/2021	Metal	Zinc	Total	=	94	%	EPA 200.8	-88	-88	70	130	
2020/21-3	MO-SIM	matrix spike, RPD	3/17/2021	Metal	Zinc	Total	=	0.5	%	EPA 200.8	-88	-88	0	30	
2020/21-3	Lab	method blank	3/18/2021	Nutrient	Ammonia as N	n/a	<	0.047	mg/L	EPA 350.1	0.047	0.1			
2020/21-3	Lab	LCS	3/18/2021	Nutrient	Ammonia as N	n/a	=	0.252	mg/L	EPA 350.1	0.047	0.1			
2020/21-3	Lab	LCS, rec	3/18/2021	Nutrient	Ammonia as N	n/a	=	101	%	EPA 350.1	-88	-88	90	110	
2020/21-3	Lab	method blank	3/18/2021	Nutrient	Ammonia as N	n/a	<	0.047	mg/L	EPA 350.1	0.047	0.1			
2020/21-3	Lab	LCS	3/18/2021	Nutrient	Ammonia as N	n/a	=	0.255	mg/L	EPA 350.1	0.047	0.1			
2020/21-3	Lab	LCS, rec	3/18/2021	Nutrient	Ammonia as N	n/a	=	102	%	EPA 350.1	-88	-88	90	110	
2020/21-3	ME-SCR	matrix spike	3/18/2021	Nutrient	Ammonia as N	n/a	=	0.245	mg/L	EPA 350.1	0.047	0.1			
2020/21-3	ME-SCR	matrix spike, rec	3/18/2021	Nutrient	Ammonia as N	n/a	=	98	%	EPA 350.1	-88	-88	90	110	
2020/21-3	ME-SCR	matrix spike dup	3/18/2021	Nutrient	Ammonia as N	n/a	=	0.244	mg/L	EPA 350.1	0.047	0.1			
2020/21-3	ME-SCR	matrix spike dup, rec	3/18/2021	Nutrient	Ammonia as N	n/a	=	98	%	EPA 350.1	-88	-88	90	110	
2020/21-3	ME-SCR	matrix spike, RPD	3/18/2021	Nutrient	Ammonia as N	n/a	=	0.3	%	EPA 350.1	-88	-88	0	15	
2020/21-3	ME-VR2	matrix spike	3/18/2021	Nutrient	Ammonia as N	n/a	=	0.247	mg/L	EPA 350.1	0.047	0.1			
2020/21-3	ME-VR2	matrix spike, rec	3/18/2021	Nutrient	Ammonia as N	n/a	=	99	%	EPA 350.1	-88	-88	90	110	
2020/21-3	ME-VR2	matrix spike dup	3/18/2021	Nutrient	Ammonia as N	n/a	=	0.25	mg/L	EPA 350.1	0.047	0.1			
2020/21-3	ME-VR2	matrix spike dup, rec	3/18/2021	Nutrient	Ammonia as N	n/a	=	100	%	EPA 350.1	-88	-88	90	110	
2020/21-3	ME-VR2	matrix spike, RPD	3/18/2021	Nutrient	Ammonia as N	n/a	=	1	%	EPA 350.1	-88	-88	0	15	
2020/21-3	000NONPJ	matrix spike	3/11/2021	Nutrient	Nitrate + Nitrite as N	n/a	=	3.24	mg/L	EPA 353.2	0.036	0.2			
2020/21-3	000NONPJ	matrix spike, rec	3/11/2021	Nutrient	Nitrate + Nitrite as N	n/a	=	103	%	EPA 353.2	-88	-88	90	110	
2020/21-3	000NONPJ	matrix spike dup	3/11/2021	Nutrient	Nitrate + Nitrite as N	n/a	=	3.25	mg/L	EPA 353.2	0.036	0.2			
2020/21-3	000NONPJ	matrix spike dup, rec	3/11/2021	Nutrient	Nitrate + Nitrite as N	n/a	=	104	%	EPA 353.2	-88	-88	90	110	
2020/21-3	000NONPJ	matrix spike, RPD	3/11/2021	Nutrient	Nitrate + Nitrite as N	n/a	=	0.3	%	EPA 353.2	-88	-88	0	20	
2020/21-3	000NONPJ	matrix spike	3/11/2021	Nutrient	Nitrate + Nitrite as N	n/a	=	2.58	mg/L	EPA 353.2	0.036	0.2			
2020/21-3	000NONPJ	matrix spike, rec	3/11/2021	Nutrient	Nitrate + Nitrite as N	n/a	=	106	%	EPA 353.2	-88	-88	90	110	
2020/21-3	000NONPJ	matrix spike dup	3/11/2021	Nutrient	Nitrate + Nitrite as N	n/a	=	2.57	mg/L	EPA 353.2	0.036	0.2			
2020/21-3	000NONPJ	matrix spike dup, rec	3/11/2021	Nutrient	Nitrate + Nitrite as N	n/a	=	105	%	EPA 353.2	-88	-88	90	110	
2020/21-3	000NONPJ	matrix spike, RPD	3/11/2021	Nutrient	Nitrate + Nitrite as N	n/a	=	0.4	%	EPA 353.2	-88	-88	0	20	
2020/21-3	Lab	method blank	3/11/2021	Nutrient	Nitrate + Nitrite as N	n/a	<	0.036	mg/L	EPA 353.2	0.036	0.2			
2020/21-3	Lab	LCS	3/11/2021	Nutrient	Nitrate + Nitrite as N	n/a	=	1.05	mg/L	EPA 353.2	0.036	0.2			
2020/21-3	Lab	LCS, rec	3/11/2021	Nutrient	Nitrate + Nitrite as N	n/a	=	105	%	EPA 353.2	-88	-88	90	110	
2020/21-3	Lab	method blank	3/11/2021	Nutrient	Nitrate + Nitrite as N	n/a	<	0.036	mg/L	EPA 353.2	0.036	0.2			
2020/21-3	Lab	LCS	3/11/2021	Nutrient	Nitrate + Nitrite as N	n/a	=	1.03	mg/L	EPA 353.2	0.036	0.2			
2020/21-3	Lab	LCS, rec	3/11/2021	Nutrient	Nitrate + Nitrite as N	n/a	=	103	%	EPA 353.2	-88	-88	90	110	
2020/21-3	000NONPJ	matrix spike	3/11/2021	Nutrient	Nitrate as N	n/a	=	2.94	mg/L	EPA 353.2	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	
2020/21-3	000NONPJ	matrix spike, rec	3/11/2021	Nutrient	Nitrate as N	n/a	=	102	%	EPA 353.2	-88	-88	90	110	
2020/21-3	000NONPJ	matrix spike dup	3/11/2021	Nutrient	Nitrate as N	n/a	=	2.96	mg/L	EPA 353.2	0.04	0.2			
2020/21-3	000NONPJ	matrix spike dup, rec	3/11/2021	Nutrient	Nitrate as N	n/a	=	103	%	EPA 353.2	-88	-88	90	110	
2020/21-3	000NONPJ	matrix spike, RPD	3/11/2021	Nutrient	Nitrate as N	n/a	=	0.7	%	EPA 353.2	-88	-88	0	20	
2020/21-3	000NONPJ	matrix spike	3/11/2021	Nutrient	Nitrate as N	n/a	=	2.58	mg/L	EPA 353.2	0.04	0.2			
2020/21-3	000NONPJ	matrix spike, rec	3/11/2021	Nutrient	Nitrate as N	n/a	=	106	%	EPA 353.2	-88	-88	90	110	
2020/21-3	000NONPJ	matrix spike dup	3/11/2021	Nutrient	Nitrate as N	n/a	=	2.57	mg/L	EPA 353.2	0.04	0.2			
2020/21-3	000NONPJ	matrix spike dup, rec	3/11/2021	Nutrient	Nitrate as N	n/a	=	105	%	EPA 353.2	-88	-88	90	110	
2020/21-3	000NONPJ	matrix spike, RPD	3/11/2021	Nutrient	Nitrate as N	n/a	=	0.4	%	EPA 353.2	-88	-88	0	20	
2020/21-3	Lab	method blank	3/11/2021	Nutrient	Nitrate as N	n/a	<	0.04	mg/L	EPA 353.2	0.04	0.2			
2020/21-3	Lab	LCS	3/11/2021	Nutrient	Nitrate as N	n/a	=	1.05	mg/L	EPA 353.2	0.04	0.2			
2020/21-3	Lab	LCS, rec	3/11/2021	Nutrient	Nitrate as N	n/a	=	105	%	EPA 353.2	-88	-88	90	110	
2020/21-3	Lab	method blank	3/11/2021	Nutrient	Nitrate as N	n/a	<	0.04	mg/L	EPA 353.2	0.04	0.2			
2020/21-3	Lab	LCS	3/11/2021	Nutrient	Nitrate as N	n/a	=	1.03	mg/L	EPA 353.2	0.04	0.2			
2020/21-3	Lab	LCS, rec	3/11/2021	Nutrient	Nitrate as N	n/a	=	103	%	EPA 353.2	-88	-88	90	110	
2020/21-3	Lab	method blank	3/18/2021	Nutrient	Phosphorus as P	Dissolved	<	0.012	mg/L	EPA 200.7	0.012	0.02			
2020/21-3	Lab	LCS	3/18/2021	Nutrient	Phosphorus as P	Dissolved	=	1.05	mg/L	EPA 200.7	0.012	0.02			
2020/21-3	Lab	LCS, rec	3/18/2021	Nutrient	Phosphorus as P	Dissolved	=	105	%	EPA 200.7	-88	-88	85	115	
2020/21-3	Lab	method blank	3/19/2021	Nutrient	Phosphorus as P	Dissolved	<	0.012	mg/L	EPA 200.7	0.012	0.02			
2020/21-3	Lab	LCS	3/19/2021	Nutrient	Phosphorus as P	Dissolved	=	1.03	mg/L	EPA 200.7	0.012	0.02			
2020/21-3	Lab	LCS, rec	3/19/2021	Nutrient	Phosphorus as P	Dissolved	=	103	%	EPA 200.7	-88	-88	85	115	
2020/21-3	Lab	method blank	3/18/2021	Nutrient	Phosphorus as P	Total	<	0.018	mg/L	EPA 200.7	0.018	0.05			
2020/21-3	Lab	LCS	3/18/2021	Nutrient	Phosphorus as P	Total	=	1.05	mg/L	EPA 200.7	0.018	0.05			
2020/21-3	Lab	LCS, rec	3/18/2021	Nutrient	Phosphorus as P	Total	=	105	%	EPA 200.7	-88	-88	85	115	
2020/21-3	Lab	method blank	3/19/2021	Nutrient	Phosphorus as P	Total	<	0.018	mg/L	EPA 200.7	0.018	0.05			
2020/21-3	Lab	LCS	3/19/2021	Nutrient	Phosphorus as P	Total	=	1.03	mg/L	EPA 200.7	0.018	0.05			
2020/21-3	Lab	LCS, rec	3/19/2021	Nutrient	Phosphorus as P	Total	=	103	%	EPA 200.7	-88	-88	85	115	
2020/21-3	ME-CC	matrix spike	3/19/2021	Nutrient	Phosphorus as P	Total	=	3.65	mg/L	EPA 200.7	0.018	0.05			
2020/21-3	ME-CC	matrix spike, rec	3/19/2021	Nutrient	Phosphorus as P	Total	=	111	%	EPA 200.7	-88	-88	70	130	
2020/21-3	ME-CC	matrix spike dup	3/19/2021	Nutrient	Phosphorus as P	Total	=	3.71	mg/L	EPA 200.7	0.018	0.05			
2020/21-3	ME-CC	matrix spike dup, rec	3/19/2021	Nutrient	Phosphorus as P	Total	=	117	%	EPA 200.7	-88	-88	70	130	
2020/21-3	ME-CC	matrix spike, RPD	3/19/2021	Nutrient	Phosphorus as P	Total	=	2	%	EPA 200.7	-88	-88	0	30	
2020/21-3	MO-MEI	matrix spike	3/19/2021	Nutrient	Phosphorus as P	Total	=	1.57	mg/L	EPA 200.7	0.018	0.05			
2020/21-3	MO-MEI	matrix spike, rec	3/19/2021	Nutrient	Phosphorus as P	Total	=	109	%	EPA 200.7	-88	-88	70	130	
2020/21-3	MO-MEI	matrix spike dup	3/19/2021	Nutrient	Phosphorus as P	Total	=	1.54	mg/L	EPA 200.7	0.018	0.05			
2020/21-3	MO-MEI	matrix spike dup, rec	3/19/2021	Nutrient	Phosphorus as P	Total	=	106	%	EPA 200.7	-88	-88	70	130	
2020/21-3	MO-MEI	matrix spike, RPD	3/19/2021	Nutrient	Phosphorus as P	Total	=	2	%	EPA 200.7	-88	-88	0	30	
2020/21-3	MO-THO	matrix spike	3/18/2021	Nutrient	Phosphorus as P	Total	=	1.22	mg/L	EPA 200.7	0.018	0.05			
2020/21-3	MO-THO	matrix spike, rec	3/18/2021	Nutrient	Phosphorus as P	Total	=	107	%	EPA 200.7	-88	-88	70	130	
2020/21-3	MO-THO	matrix spike dup	3/18/2021	Nutrient	Phosphorus as P	Total	=	1.22	mg/L	EPA 200.7	0.018	0.05			
2020/21-3	MO-THO	matrix spike dup, rec	3/18/2021	Nutrient	Phosphorus as P	Total	=	107	%	EPA 200.7	-88	-88	70	130	
2020/21-3	MO-THO	matrix spike, RPD	3/18/2021	Nutrient	Phosphorus as P	Total	=	0.02	%	EPA 200.7	-88	-88	0	30	
2020/21-3	000NONPJ	matrix spike	3/19/2021	Nutrient	TKN	n/a	=	1.19	mg/L	EPA 351.2	0.065	0.1			
2020/21-3	000NONPJ	matrix spike, rec	3/19/2021	Nutrient	TKN	n/a	=	105	%	EPA 351.2	-88	-88	90	110	
2020/21-3	000NONPJ	matrix spike dup	3/19/2021	Nutrient	TKN	n/a	=	1.19	mg/L	EPA 351.2	0.065	0.1			
2020/21-3	000NONPJ	matrix spike dup, rec	3/19/2021	Nutrient	TKN	n/a	=	105	%	EPA 351.2	-88	-88	90	110	
2020/21-3	000NONPJ	matrix spike, RPD	3/19/2021	Nutrient	TKN	n/a	=	0.1	%	EPA 351.2	-88	-88	0	10	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2020/21-3	000NONPJ	matrix spike	3/19/2021	Nutrient	TKN	n/a	=	1.18	mg/L	EPA 351.2	0.065	0.1			
2020/21-3	000NONPJ	matrix spike, rec	3/19/2021	Nutrient	TKN	n/a	=	94	%	EPA 351.2	-88	-88	90	110	
2020/21-3	000NONPJ	matrix spike dup	3/19/2021	Nutrient	TKN	n/a	=	1.21	mg/L	EPA 351.2	0.065	0.1			
2020/21-3	000NONPJ	matrix spike dup, rec	3/19/2021	Nutrient	TKN	n/a	=	97	%	EPA 351.2	-88	-88	90	110	
2020/21-3	000NONPJ	matrix spike, RPD	3/19/2021	Nutrient	TKN	n/a	=	2	%	EPA 351.2	-88	-88	0	10	
2020/21-3	Lab	method blank	3/19/2021	Nutrient	TKN	n/a	<	0.065	mg/L	EPA 351.2	0.065	0.1			
2020/21-3	Lab	LCS	3/19/2021	Nutrient	TKN	n/a	=	0.96	mg/L	EPA 351.2	0.065	0.1			
2020/21-3	Lab	LCS, rec	3/19/2021	Nutrient	TKN	n/a	=	96	%	EPA 351.2	-88	-88	90	110	
2020/21-3	Lab	method blank	3/19/2021	Nutrient	TKN	n/a	<	0.065	mg/L	EPA 351.2	0.065	0.1			
2020/21-3	Lab	LCS	3/19/2021	Nutrient	TKN	n/a	=	0.966	mg/L	EPA 351.2	0.065	0.1			
2020/21-3	Lab	LCS, rec	3/19/2021	Nutrient	TKN	n/a	=	97	%	EPA 351.2	-88	-88	90	110	
2020/21-3	Lab	LCS	4/1/2021	Organic	1,2,4-Trichlorobenzene	n/a	=	7.39	µg/L	EPA 625.1	0.49	1			
2020/21-3	Lab	LCS, rec	4/1/2021	Organic	1,2,4-Trichlorobenzene	n/a	=	74	%	EPA 625.1	-88	-88	57	130	
2020/21-3	Lab	LCS dup	4/1/2021	Organic	1,2,4-Trichlorobenzene	n/a	=	7.73	µg/L	EPA 625.1	0.49	1			
2020/21-3	Lab	LCS dup, rec	4/1/2021	Organic	1,2,4-Trichlorobenzene	n/a	=	77	%	EPA 625.1	-88	-88	57	130	
2020/21-3	Lab	LCS, RPD	4/1/2021	Organic	1,2,4-Trichlorobenzene	n/a	=	4	%	EPA 625.1	-88	-88	0	30	
2020/21-3	Lab	method blank	4/1/2021	Organic	1,2,4-Trichlorobenzene	n/a	<	0.49	µg/L	EPA 625.1	0.49	1			
2020/21-3	Lab	LCS	4/1/2021	Organic	1,2-Dichlorobenzene	n/a	=	7.08	µg/L	EPA 625.1	0.46	1			
2020/21-3	Lab	LCS, rec	4/1/2021	Organic	1,2-Dichlorobenzene	n/a	=	71	%	EPA 625.1	-88	-88	57	120	
2020/21-3	Lab	LCS dup	4/1/2021	Organic	1,2-Dichlorobenzene	n/a	=	7.37	µg/L	EPA 625.1	0.46	1			
2020/21-3	Lab	LCS dup, rec	4/1/2021	Organic	1,2-Dichlorobenzene	n/a	=	74	%	EPA 625.1	-88	-88	57	120	
2020/21-3	Lab	LCS, RPD	4/1/2021	Organic	1,2-Dichlorobenzene	n/a	=	4	%	EPA 625.1	-88	-88	0	30	
2020/21-3	Lab	method blank	4/1/2021	Organic	1,2-Dichlorobenzene	n/a	<	0.46	µg/L	EPA 625.1	0.46	1			
2020/21-3	Lab	method blank	4/1/2021	Organic	1,2-Diphenylhydrazine	n/a	<	0.3	µg/L	EPA 625.1	0.3	1			
2020/21-3	Lab	LCS	4/1/2021	Organic	1,3-Dichlorobenzene	n/a	=	6.98	µg/L	EPA 625.1	0.42	1			
2020/21-3	Lab	LCS, rec	4/1/2021	Organic	1,3-Dichlorobenzene	n/a	=	70	%	EPA 625.1	-88	-88	55	120	
2020/21-3	Lab	LCS dup	4/1/2021	Organic	1,3-Dichlorobenzene	n/a	=	7.25	µg/L	EPA 625.1	0.42	1			
2020/21-3	Lab	LCS dup, rec	4/1/2021	Organic	1,3-Dichlorobenzene	n/a	=	72	%	EPA 625.1	-88	-88	55	120	
2020/21-3	Lab	LCS, RPD	4/1/2021	Organic	1,3-Dichlorobenzene	n/a	=	4	%	EPA 625.1	-88	-88	0	30	
2020/21-3	Lab	method blank	4/1/2021	Organic	1,3-Dichlorobenzene	n/a	<	0.42	µg/L	EPA 625.1	0.42	1			
2020/21-3	Lab	srgt method blank	3/16/2021	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	4.88	µg/L	EPA 525.2	-88	-88			
2020/21-3	Lab	srgt method blank, rec	3/16/2021	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	98	%	EPA 525.2	-88	-88	70	130	
2020/21-3	Lab	srgt LCS	3/16/2021	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	4.91	µg/L	EPA 525.2	-88	-88			
2020/21-3	Lab	srgt LCS, rec	3/16/2021	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	98	%	EPA 525.2	-88	-88	70	130	
2020/21-3	Lab	srgt LCS dup	3/16/2021	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	4.84	µg/L	EPA 525.2	-88	-88			
2020/21-3	Lab	srgt LCS dup, rec	3/16/2021	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	97	%	EPA 525.2	-88	-88	70	130	
2020/21-3	Lab	srgt method blank	3/17/2021	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.504	µg/L	EPA 625.1m	-88	-88			
2020/21-3	Lab	srgt method blank, rec	3/17/2021	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	101	%	EPA 625.1m	-88	-88	78	125	
2020/21-3	Lab	srgt LCS	3/17/2021	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.58	µg/L	EPA 625.1m	-88	-88			
2020/21-3	Lab	srgt LCS, rec	3/17/2021	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	116	%	EPA 625.1m	-88	-88	78	125	
2020/21-3	Lab	srgt method blank	3/19/2021	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.485	µg/L	EPA 625.1m	-88	-88			
2020/21-3	Lab	srgt method blank, rec	3/19/2021	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	97	%	EPA 625.1m	-88	-88	78	125	
2020/21-3	Lab	srgt LCS	3/20/2021	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.559	µg/L	EPA 625.1m	-88	-88			
2020/21-3	Lab	srgt LCS, rec	3/20/2021	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	112	%	EPA 625.1m	-88	-88	78	125	
2020/21-3	Lab	srgt method blank	3/22/2021	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	4.77	µg/L	EPA 525.2	-88	-88			
2020/21-3	Lab	srgt method blank, rec	3/22/2021	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	95	%	EPA 525.2	-88	-88	70	130	
2020/21-3	Lab	srgt LCS	3/22/2021	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	4.17	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	
2020/21-3	Lab	srgt LCS, rec	3/22/2021	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	83	%	EPA 525.2	-88	-88	70	130	
2020/21-3	Lab	srgt LCS dup	3/22/2021	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	5.02	µg/L	EPA 525.2	-88	-88			
2020/21-3	Lab	srgt LCS dup, rec	3/22/2021	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	100	%	EPA 525.2	-88	-88	70	130	
2020/21-3	ME-CC	srgt matrix spike	3/20/2021	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	1.29	µg/L	EPA 625.1m	-88	-88			GN
2020/21-3	ME-CC	srgt matrix spike, rec	3/20/2021	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	129	%	EPA 625.1m	-88	-88	78	125	GN
2020/21-3	ME-CC	srgt matrix spike dup	3/20/2021	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	1.21	µg/L	EPA 625.1m	-88	-88			
2020/21-3	ME-CC	srgt matrix spike dup, rec	3/20/2021	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	121	%	EPA 625.1m	-88	-88	78	125	
2020/21-3	ME-CC	srgt environ	3/20/2021	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	1.38	µg/L	EPA 625.1m	-88	-88			GN
2020/21-3	ME-CC	srgt environ, rec	3/20/2021	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	138	%	EPA 625.1m	-88	-88	78	125	GN
2020/21-3	ME-CC	srgt environ	3/22/2021	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	20.3	µg/L	EPA 525.2	-88	-88			
2020/21-3	ME-CC	srgt environ, rec	3/22/2021	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	101	%	EPA 525.2	-88	-88	70	130	
2020/21-3	ME-SCR	srgt environ	3/20/2021	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.482	µg/L	EPA 625.1m	-88	-88			
2020/21-3	ME-SCR	srgt environ, rec	3/20/2021	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	96	%	EPA 625.1m	-88	-88	78	125	
2020/21-3	ME-SCR	srgt environ	3/22/2021	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	5.16	µg/L	EPA 525.2	-88	-88			
2020/21-3	ME-SCR	srgt environ, rec	3/22/2021	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	103	%	EPA 525.2	-88	-88	70	130	
2020/21-3	ME-VR2	srgt environ	3/17/2021	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	4.79	µg/L	EPA 525.2	-88	-88			
2020/21-3	ME-VR2	srgt environ, rec	3/17/2021	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	96	%	EPA 525.2	-88	-88	70	130	
2020/21-3	ME-VR2	srgt environ	3/18/2021	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.465	µg/L	EPA 625.1m	-88	-88			
2020/21-3	ME-VR2	srgt environ, rec	3/18/2021	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	93	%	EPA 625.1m	-88	-88	78	125	
2020/21-3	MO-CAM	srgt environ	3/17/2021	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	20	µg/L	EPA 525.2	-88	-88			
2020/21-3	MO-CAM	srgt environ, rec	3/17/2021	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	100	%	EPA 525.2	-88	-88	70	130	
2020/21-3	MO-CAM	srgt environ	3/18/2021	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.79	µg/L	EPA 625.1m	-88	-88			
2020/21-3	MO-CAM	srgt environ, rec	3/18/2021	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	79	%	EPA 625.1m	-88	-88	78	125	
2020/21-3	MO-FIL	srgt environ	3/17/2021	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	20.9	µg/L	EPA 525.2	-88	-88			
2020/21-3	MO-FIL	srgt environ, rec	3/17/2021	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	105	%	EPA 525.2	-88	-88	70	130	
2020/21-3	MO-FIL	srgt environ	3/18/2021	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.958	µg/L	EPA 625.1m	-88	-88			
2020/21-3	MO-FIL	srgt environ, rec	3/18/2021	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	96	%	EPA 625.1m	-88	-88	78	125	
2020/21-3	MO-HUE	srgt environ	3/17/2021	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	5.38	µg/L	EPA 525.2	-88	-88			
2020/21-3	MO-HUE	srgt environ, rec	3/17/2021	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	108	%	EPA 525.2	-88	-88	70	130	
2020/21-3	MO-HUE	srgt environ	3/20/2021	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	1	µg/L	EPA 625.1m	-88	-88			
2020/21-3	MO-HUE	srgt environ, rec	3/20/2021	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	100	%	EPA 625.1m	-88	-88	78	125	
2020/21-3	MO-MEI	srgt environ	3/17/2021	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	20.5	µg/L	EPA 525.2	-88	-88			
2020/21-3	MO-MEI	srgt environ, rec	3/17/2021	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	102	%	EPA 525.2	-88	-88	70	130	
2020/21-3	MO-MEI	srgt matrix spike	3/17/2021	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.516	µg/L	EPA 625.1m	-88	-88			
2020/21-3	MO-MEI	srgt matrix spike, rec	3/17/2021	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	103	%	EPA 625.1m	-88	-88	78	125	
2020/21-3	MO-MEI	srgt matrix spike dup	3/17/2021	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.557	µg/L	EPA 625.1m	-88	-88			
2020/21-3	MO-MEI	srgt matrix spike dup, rec	3/17/2021	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	111	%	EPA 625.1m	-88	-88	78	125	
2020/21-3	MO-MEI	srgt environ	3/18/2021	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.456	µg/L	EPA 625.1m	-88	-88			
2020/21-3	MO-MEI	srgt environ, rec	3/18/2021	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	91	%	EPA 625.1m	-88	-88	78	125	
2020/21-3	MO-MPK	srgt environ	3/17/2021	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	21.5	µg/L	EPA 525.2	-88	-88			
2020/21-3	MO-MPK	srgt environ, rec	3/17/2021	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	108	%	EPA 525.2	-88	-88	70	130	
2020/21-3	MO-MPK	srgt environ	3/18/2021	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	1.47	µg/L	EPA 625.1m	-88	-88			GN
2020/21-3	MO-MPK	srgt environ, rec	3/18/2021	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	147	%	EPA 625.1m	-88	-88	78	125	GN
2020/21-3	MO-OJA	srgt environ	3/17/2021	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	25.7	µg/L	EPA 525.2	-88	-88			
2020/21-3	MO-OJA	srgt environ, rec	3/17/2021	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	103	%	EPA 525.2	-88	-88	70	130	
2020/21-3	MO-OJA	srgt environ	3/18/2021	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	1.05	µg/L	EPA 625.1m	-88	-88			
2020/21-3	MO-OJA	srgt environ, rec	3/18/2021	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	105	%	EPA 625.1m	-88	-88	78	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	
2020/21-3	MO-OXN	srgt environ	3/17/2021	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	19.9	µg/L	EPA 525.2	-88	-88			
2020/21-3	MO-OXN	srgt environ, rec	3/17/2021	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	99	%	EPA 525.2	-88	-88	70	130	
2020/21-3	MO-OXN	srgt environ	3/18/2021	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.792	µg/L	EPA 625.1m	-88	-88			
2020/21-3	MO-OXN	srgt environ, rec	3/18/2021	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	79	%	EPA 625.1m	-88	-88	78	125	
2020/21-3	MO-SIM	srgt environ	3/17/2021	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	4.87	µg/L	EPA 525.2	-88	-88			
2020/21-3	MO-SIM	srgt environ, rec	3/17/2021	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	97	%	EPA 525.2	-88	-88	70	130	
2020/21-3	MO-SIM	srgt environ	3/18/2021	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.333	µg/L	EPA 625.1m	-88	-88			GN
2020/21-3	MO-SIM	srgt environ, rec	3/18/2021	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	67	%	EPA 625.1m	-88	-88	78	125	GN
2020/21-3	MO-SPA	srgt environ	3/17/2021	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	19.6	µg/L	EPA 525.2	-88	-88			
2020/21-3	MO-SPA	srgt environ, rec	3/17/2021	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	98	%	EPA 525.2	-88	-88	70	130	
2020/21-3	MO-SPA	srgt environ	3/18/2021	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.598	µg/L	EPA 625.1m	-88	-88			GN
2020/21-3	MO-SPA	srgt environ, rec	3/18/2021	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	60	%	EPA 625.1m	-88	-88	78	125	GN
2020/21-3	MO-THO	srgt environ	3/17/2021	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	10.6	µg/L	EPA 525.2	-88	-88			
2020/21-3	MO-THO	srgt environ, rec	3/17/2021	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	106	%	EPA 525.2	-88	-88	70	130	
2020/21-3	MO-THO	srgt environ	3/20/2021	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	1.11	µg/L	EPA 625.1m	-88	-88			
2020/21-3	MO-THO	srgt environ, rec	3/20/2021	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	111	%	EPA 625.1m	-88	-88	78	125	
2020/21-3	MO-VEN	srgt environ	3/17/2021	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	20.1	µg/L	EPA 525.2	-88	-88			
2020/21-3	MO-VEN	srgt environ, rec	3/17/2021	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	101	%	EPA 525.2	-88	-88	70	130	
2020/21-3	MO-VEN	srgt environ	3/18/2021	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.773	µg/L	EPA 625.1m	-88	-88			GN
2020/21-3	MO-VEN	srgt environ, rec	3/18/2021	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	77	%	EPA 625.1m	-88	-88	78	125	GN
2020/21-3	Lab	LCS	4/1/2021	Organic	1,4-Dichlorobenzene	n/a	=	6.96	µg/L	EPA 625.1	0.48	1			
2020/21-3	Lab	LCS, rec	4/1/2021	Organic	1,4-Dichlorobenzene	n/a	=	70	%	EPA 625.1	-88	-88	55	120	
2020/21-3	Lab	LCS dup	4/1/2021	Organic	1,4-Dichlorobenzene	n/a	=	7.13	µg/L	EPA 625.1	0.48	1			
2020/21-3	Lab	LCS dup, rec	4/1/2021	Organic	1,4-Dichlorobenzene	n/a	=	71	%	EPA 625.1	-88	-88	55	120	
2020/21-3	Lab	LCS, RPD	4/1/2021	Organic	1,4-Dichlorobenzene	n/a	=	2	%	EPA 625.1	-88	-88	0	30	
2020/21-3	Lab	method blank	4/1/2021	Organic	1,4-Dichlorobenzene	n/a	<	0.48	µg/L	EPA 625.1	0.48	1			
2020/21-3	Lab	method blank	3/26/2021	Organic	1-Methylnaphthalene	n/a	<	0.024	µg/L	EPA 8270C	0.024	0.1			
2020/21-3	Lab	method blank	3/25/2021	Organic	2,4,5-Trichlorophenol	n/a	<	0.29	µg/L	EPA 8270C	0.29	1			
2020/21-3	Lab	srgt method blank	3/25/2021	Organic	2,4,6-Tribromophenol	n/a	=	5.16	µg/L	EPA 8270C	-88	-88			
2020/21-3	Lab	srgt method blank, rec	3/25/2021	Organic	2,4,6-Tribromophenol	n/a	=	52	%	EPA 8270C	-88	-88	26	117	
2020/21-3	Lab	srgt LCS	3/25/2021	Organic	2,4,6-Tribromophenol	n/a	=	7.46	µg/L	EPA 8270C	-88	-88			
2020/21-3	Lab	srgt LCS, rec	3/25/2021	Organic	2,4,6-Tribromophenol	n/a	=	75	%	EPA 8270C	-88	-88	26	117	
2020/21-3	Lab	srgt LCS dup	3/25/2021	Organic	2,4,6-Tribromophenol	n/a	=	7.6	µg/L	EPA 8270C	-88	-88			
2020/21-3	Lab	srgt LCS dup, rec	3/25/2021	Organic	2,4,6-Tribromophenol	n/a	=	76	%	EPA 8270C	-88	-88	26	117	
2020/21-3	Lab	srgt LCS	4/1/2021	Organic	2,4,6-Tribromophenol	n/a	=	5.92	µg/L	EPA 625.1	-88	-88			
2020/21-3	Lab	srgt LCS, rec	4/1/2021	Organic	2,4,6-Tribromophenol	n/a	=	59	%	EPA 625.1	-88	-88	25	120	
2020/21-3	Lab	srgt LCS dup	4/1/2021	Organic	2,4,6-Tribromophenol	n/a	=	6.36	µg/L	EPA 625.1	-88	-88			
2020/21-3	Lab	srgt LCS dup, rec	4/1/2021	Organic	2,4,6-Tribromophenol	n/a	=	64	%	EPA 625.1	-88	-88	25	120	
2020/21-3	Lab	srgt method blank	4/1/2021	Organic	2,4,6-Tribromophenol	n/a	=	5.08	µg/L	EPA 625.1	-88	-88			
2020/21-3	Lab	srgt method blank, rec	4/1/2021	Organic	2,4,6-Tribromophenol	n/a	=	51	%	EPA 625.1	-88	-88	25	120	
2020/21-3	ME-CC	srgt environ	3/26/2021	Organic	2,4,6-Tribromophenol	n/a	=	59.3	µg/L	EPA 8270C	-88	-88			
2020/21-3	ME-CC	srgt environ, rec	3/26/2021	Organic	2,4,6-Tribromophenol	n/a	=	59	%	EPA 8270C	-88	-88	26	117	
2020/21-3	ME-CC	srgt environ	4/1/2021	Organic	2,4,6-Tribromophenol	n/a	=	55	µg/L	EPA 625.1	-88	-88			
2020/21-3	ME-CC	srgt environ, rec	4/1/2021	Organic	2,4,6-Tribromophenol	n/a	=	55	%	EPA 625.1	-88	-88	25	120	
2020/21-3	ME-SCR	srgt environ	3/26/2021	Organic	2,4,6-Tribromophenol	n/a	=	8.34	µg/L	EPA 8270C	-88	-88			
2020/21-3	ME-SCR	srgt environ, rec	3/26/2021	Organic	2,4,6-Tribromophenol	n/a	=	83	%	EPA 8270C	-88	-88	26	117	
2020/21-3	ME-SCR	srgt environ	4/1/2021	Organic	2,4,6-Tribromophenol	n/a	=	8.04	µg/L	EPA 625.1	-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	
2020/21-3	ME-SCR	srgt environ, rec	4/1/2021	Organic	2,4,6-Tribromophenol	n/a	=	80	%	EPA 625.1	-88	-88	25	120	
2020/21-3	ME-VR2	srgt environ	3/26/2021	Organic	2,4,6-Tribromophenol	n/a	=	7.34	µg/L	EPA 8270C	-88	-88			
2020/21-3	ME-VR2	srgt environ, rec	3/26/2021	Organic	2,4,6-Tribromophenol	n/a	=	73	%	EPA 8270C	-88	-88	26	117	
2020/21-3	ME-VR2	srgt environ	4/2/2021	Organic	2,4,6-Tribromophenol	n/a	=	7.17	µg/L	EPA 625.1	-88	-88			
2020/21-3	ME-VR2	srgt environ, rec	4/2/2021	Organic	2,4,6-Tribromophenol	n/a	=	72	%	EPA 625.1	-88	-88	25	120	
2020/21-3	MO-CAM	srgt environ	3/26/2021	Organic	2,4,6-Tribromophenol	n/a	=	36.3	µg/L	EPA 8270C	-88	-88			
2020/21-3	MO-CAM	srgt environ, rec	3/26/2021	Organic	2,4,6-Tribromophenol	n/a	=	73	%	EPA 8270C	-88	-88	26	117	
2020/21-3	MO-CAM	srgt environ	4/2/2021	Organic	2,4,6-Tribromophenol	n/a	=	34.2	µg/L	EPA 625.1	-88	-88			
2020/21-3	MO-CAM	srgt environ, rec	4/2/2021	Organic	2,4,6-Tribromophenol	n/a	=	68	%	EPA 625.1	-88	-88	25	120	
2020/21-3	MO-FIL	srgt environ	3/26/2021	Organic	2,4,6-Tribromophenol	n/a	=	72.5	µg/L	EPA 8270C	-88	-88			
2020/21-3	MO-FIL	srgt environ, rec	3/26/2021	Organic	2,4,6-Tribromophenol	n/a	=	72	%	EPA 8270C	-88	-88	26	117	
2020/21-3	MO-FIL	srgt environ	4/2/2021	Organic	2,4,6-Tribromophenol	n/a	=	73.2	µg/L	EPA 625.1	-88	-88			
2020/21-3	MO-FIL	srgt environ, rec	4/2/2021	Organic	2,4,6-Tribromophenol	n/a	=	73	%	EPA 625.1	-88	-88	25	120	
2020/21-3	MO-HUE	srgt environ	3/26/2021	Organic	2,4,6-Tribromophenol	n/a	=	6.74	µg/L	EPA 8270C	-88	-88			
2020/21-3	MO-HUE	srgt environ, rec	3/26/2021	Organic	2,4,6-Tribromophenol	n/a	=	67	%	EPA 8270C	-88	-88	26	117	
2020/21-3	MO-HUE	srgt environ	4/2/2021	Organic	2,4,6-Tribromophenol	n/a	=	8.6	µg/L	EPA 625.1	-88	-88			
2020/21-3	MO-HUE	srgt environ, rec	4/2/2021	Organic	2,4,6-Tribromophenol	n/a	=	86	%	EPA 625.1	-88	-88	25	120	
2020/21-3	MO-MEI	srgt environ	3/26/2021	Organic	2,4,6-Tribromophenol	n/a	=	36.1	µg/L	EPA 8270C	-88	-88			
2020/21-3	MO-MEI	srgt environ, rec	3/26/2021	Organic	2,4,6-Tribromophenol	n/a	=	72	%	EPA 8270C	-88	-88	26	117	
2020/21-3	MO-MEI	srgt environ	4/2/2021	Organic	2,4,6-Tribromophenol	n/a	=	34.4	µg/L	EPA 625.1	-88	-88			
2020/21-3	MO-MEI	srgt environ, rec	4/2/2021	Organic	2,4,6-Tribromophenol	n/a	=	69	%	EPA 625.1	-88	-88	25	120	
2020/21-3	MO-MPK	srgt environ	3/26/2021	Organic	2,4,6-Tribromophenol	n/a	=	75.9	µg/L	EPA 8270C	-88	-88			
2020/21-3	MO-MPK	srgt environ, rec	3/26/2021	Organic	2,4,6-Tribromophenol	n/a	=	76	%	EPA 8270C	-88	-88	26	117	
2020/21-3	MO-MPK	srgt environ	4/2/2021	Organic	2,4,6-Tribromophenol	n/a	=	80.8	µg/L	EPA 625.1	-88	-88			
2020/21-3	MO-MPK	srgt environ, rec	4/2/2021	Organic	2,4,6-Tribromophenol	n/a	=	81	%	EPA 625.1	-88	-88	25	120	
2020/21-3	MO-OJA	srgt environ	3/26/2021	Organic	2,4,6-Tribromophenol	n/a	=	62.1	µg/L	EPA 8270C	-88	-88			
2020/21-3	MO-OJA	srgt environ, rec	3/26/2021	Organic	2,4,6-Tribromophenol	n/a	=	62	%	EPA 8270C	-88	-88	26	117	
2020/21-3	MO-OJA	srgt environ	4/2/2021	Organic	2,4,6-Tribromophenol	n/a	=	57.3	µg/L	EPA 625.1	-88	-88			
2020/21-3	MO-OJA	srgt environ, rec	4/2/2021	Organic	2,4,6-Tribromophenol	n/a	=	57	%	EPA 625.1	-88	-88	25	120	
2020/21-3	MO-OXN	srgt environ	3/26/2021	Organic	2,4,6-Tribromophenol	n/a	=	43.5	µg/L	EPA 8270C	-88	-88			
2020/21-3	MO-OXN	srgt environ, rec	3/26/2021	Organic	2,4,6-Tribromophenol	n/a	=	87	%	EPA 8270C	-88	-88	26	117	
2020/21-3	MO-OXN	srgt environ	4/2/2021	Organic	2,4,6-Tribromophenol	n/a	=	45.5	µg/L	EPA 625.1	-88	-88			
2020/21-3	MO-OXN	srgt environ, rec	4/2/2021	Organic	2,4,6-Tribromophenol	n/a	=	91	%	EPA 625.1	-88	-88	25	120	
2020/21-3	MO-SIM	srgt environ	3/26/2021	Organic	2,4,6-Tribromophenol	n/a	=	70.5	µg/L	EPA 8270C	-88	-88			
2020/21-3	MO-SIM	srgt environ, rec	3/26/2021	Organic	2,4,6-Tribromophenol	n/a	=	70	%	EPA 8270C	-88	-88	26	117	
2020/21-3	MO-SIM	srgt environ	4/2/2021	Organic	2,4,6-Tribromophenol	n/a	=	72.5	µg/L	EPA 625.1	-88	-88			
2020/21-3	MO-SIM	srgt environ, rec	4/2/2021	Organic	2,4,6-Tribromophenol	n/a	=	72	%	EPA 625.1	-88	-88	25	120	
2020/21-3	MO-SPA	srgt environ	3/26/2021	Organic	2,4,6-Tribromophenol	n/a	=	88	µg/L	EPA 8270C	-88	-88			
2020/21-3	MO-SPA	srgt environ, rec	3/26/2021	Organic	2,4,6-Tribromophenol	n/a	=	88	%	EPA 8270C	-88	-88	26	117	
2020/21-3	MO-SPA	srgt environ	4/2/2021	Organic	2,4,6-Tribromophenol	n/a	=	92.8	µg/L	EPA 625.1	-88	-88			
2020/21-3	MO-SPA	srgt environ, rec	4/2/2021	Organic	2,4,6-Tribromophenol	n/a	=	93	%	EPA 625.1	-88	-88	25	120	
2020/21-3	MO-THO	srgt environ	3/26/2021	Organic	2,4,6-Tribromophenol	n/a	=	29.9	µg/L	EPA 8270C	-88	-88			
2020/21-3	MO-THO	srgt environ, rec	3/26/2021	Organic	2,4,6-Tribromophenol	n/a	=	60	%	EPA 8270C	-88	-88	26	117	
2020/21-3	MO-THO	srgt environ	4/2/2021	Organic	2,4,6-Tribromophenol	n/a	=	35.6	µg/L	EPA 625.1	-88	-88			
2020/21-3	MO-THO	srgt environ, rec	4/2/2021	Organic	2,4,6-Tribromophenol	n/a	=	71	%	EPA 625.1	-88	-88	25	120	
2020/21-3	MO-VEN	srgt environ	3/26/2021	Organic	2,4,6-Tribromophenol	n/a	=	82.4	µg/L	EPA 8270C	-88	-88			
2020/21-3	MO-VEN	srgt environ, rec	3/26/2021	Organic	2,4,6-Tribromophenol	n/a	=	82	%	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	
2020/21-3	MO-VEN	srgt environ	4/2/2021	Organic	2,4,6-Tribromophenol	n/a	=	79.9	µg/L	EPA 625.1	-88	-88			
2020/21-3	MO-VEN	srgt environ, rec	4/2/2021	Organic	2,4,6-Tribromophenol	n/a	=	80	%	EPA 625.1	-88	-88	25	120	
2020/21-3	Lab	method blank	3/25/2021	Organic	2,4,6-Trichlorophenol	n/a	<	0.3	µg/L	EPA 8270C	0.3	1			
2020/21-3	Lab	LCS	3/25/2021	Organic	2,4,6-Trichlorophenol	n/a	=	7.47	µg/L	EPA 8270C	0.3	1			
2020/21-3	Lab	LCS, rec	3/25/2021	Organic	2,4,6-Trichlorophenol	n/a	=	75	%	EPA 8270C	-88	-88	30	115	
2020/21-3	Lab	LCS dup	3/25/2021	Organic	2,4,6-Trichlorophenol	n/a	=	7.69	µg/L	EPA 8270C	0.3	1			
2020/21-3	Lab	LCS dup, rec	3/25/2021	Organic	2,4,6-Trichlorophenol	n/a	=	77	%	EPA 8270C	-88	-88	30	115	
2020/21-3	Lab	LCS, RPD	3/25/2021	Organic	2,4,6-Trichlorophenol	n/a	=	3	%	EPA 8270C	-88	-88	0	30	
2020/21-3	Lab	LCS	4/1/2021	Organic	2,4,6-Trichlorophenol	n/a	=	7.09	µg/L	EPA 625.1	0.22	1			
2020/21-3	Lab	LCS, rec	4/1/2021	Organic	2,4,6-Trichlorophenol	n/a	=	71	%	EPA 625.1	-88	-88	52	129	
2020/21-3	Lab	LCS dup	4/1/2021	Organic	2,4,6-Trichlorophenol	n/a	=	7.33	µg/L	EPA 625.1	0.22	1			
2020/21-3	Lab	LCS dup, rec	4/1/2021	Organic	2,4,6-Trichlorophenol	n/a	=	73	%	EPA 625.1	-88	-88	52	129	
2020/21-3	Lab	LCS, RPD	4/1/2021	Organic	2,4,6-Trichlorophenol	n/a	=	3	%	EPA 625.1	-88	-88	0	30	
2020/21-3	Lab	method blank	4/1/2021	Organic	2,4,6-Trichlorophenol	n/a	<	0.22	µg/L	EPA 625.1	0.22	1			
2020/21-3	Lab	method blank	3/25/2021	Organic	2,4-Dichlorophenol	n/a	<	0.51	µg/L	EPA 8270C	0.51	1			
2020/21-3	Lab	LCS	3/25/2021	Organic	2,4-Dichlorophenol	n/a	=	7.51	µg/L	EPA 8270C	0.51	1			
2020/21-3	Lab	LCS, rec	3/25/2021	Organic	2,4-Dichlorophenol	n/a	=	75	%	EPA 8270C	-88	-88	32	105	
2020/21-3	Lab	LCS dup	3/25/2021	Organic	2,4-Dichlorophenol	n/a	=	7.81	µg/L	EPA 8270C	0.51	1			
2020/21-3	Lab	LCS dup, rec	3/25/2021	Organic	2,4-Dichlorophenol	n/a	=	78	%	EPA 8270C	-88	-88	32	105	
2020/21-3	Lab	LCS, RPD	3/25/2021	Organic	2,4-Dichlorophenol	n/a	=	4	%	EPA 8270C	-88	-88	0	30	
2020/21-3	Lab	LCS	4/1/2021	Organic	2,4-Dichlorophenol	n/a	=	7.47	µg/L	EPA 625.1	0.26	1			
2020/21-3	Lab	LCS, rec	4/1/2021	Organic	2,4-Dichlorophenol	n/a	=	75	%	EPA 625.1	-88	-88	53	122	
2020/21-3	Lab	LCS dup	4/1/2021	Organic	2,4-Dichlorophenol	n/a	=	7.77	µg/L	EPA 625.1	0.26	1			
2020/21-3	Lab	LCS dup, rec	4/1/2021	Organic	2,4-Dichlorophenol	n/a	=	78	%	EPA 625.1	-88	-88	53	122	
2020/21-3	Lab	LCS, RPD	4/1/2021	Organic	2,4-Dichlorophenol	n/a	=	4	%	EPA 625.1	-88	-88	0	30	
2020/21-3	Lab	method blank	4/1/2021	Organic	2,4-Dichlorophenol	n/a	<	0.26	µg/L	EPA 625.1	0.26	1			
2020/21-3	Lab	srgt method blank	3/27/2021	Organic	2,4-Dichlorophenylacetic acid	n/a	=	9.25	µg/L	EPA 515.4	-88	-88			
2020/21-3	Lab	srgt method blank, rec	3/27/2021	Organic	2,4-Dichlorophenylacetic acid	n/a	=	92	%	EPA 515.4	-88	-88	70	130	
2020/21-3	Lab	srgt LCS	3/27/2021	Organic	2,4-Dichlorophenylacetic acid	n/a	=	9.65	µg/L	EPA 515.4	-88	-88			
2020/21-3	Lab	srgt LCS, rec	3/27/2021	Organic	2,4-Dichlorophenylacetic acid	n/a	=	97	%	EPA 515.4	-88	-88	70	130	
2020/21-3	ME-CC	srgt matrix spike	3/27/2021	Organic	2,4-Dichlorophenylacetic acid	n/a	=	9.67	µg/L	EPA 515.4	-88	-88			
2020/21-3	ME-CC	srgt matrix spike, rec	3/27/2021	Organic	2,4-Dichlorophenylacetic acid	n/a	=	97	%	EPA 515.4	-88	-88	70	130	
2020/21-3	ME-CC	srgt matrix spike dup	3/27/2021	Organic	2,4-Dichlorophenylacetic acid	n/a	=	9.51	µg/L	EPA 515.4	-88	-88			
2020/21-3	ME-CC	srgt matrix spike dup, rec	3/27/2021	Organic	2,4-Dichlorophenylacetic acid	n/a	=	95	%	EPA 515.4	-88	-88	70	130	
2020/21-3	ME-CC	srgt environ	3/27/2021	Organic	2,4-Dichlorophenylacetic acid	n/a	=	8.98	µg/L	EPA 515.4	-88	-88			
2020/21-3	ME-CC	srgt environ, rec	3/27/2021	Organic	2,4-Dichlorophenylacetic acid	n/a	=	90	%	EPA 515.4	-88	-88	70	130	
2020/21-3	ME-SCR	srgt environ	3/27/2021	Organic	2,4-Dichlorophenylacetic acid	n/a	=	8.77	µg/L	EPA 515.4	-88	-88			
2020/21-3	ME-SCR	srgt environ, rec	3/27/2021	Organic	2,4-Dichlorophenylacetic acid	n/a	=	88	%	EPA 515.4	-88	-88	70	130	
2020/21-3	ME-VR2	srgt environ	3/27/2021	Organic	2,4-Dichlorophenylacetic acid	n/a	=	8.57	µg/L	EPA 515.4	-88	-88			
2020/21-3	ME-VR2	srgt environ, rec	3/27/2021	Organic	2,4-Dichlorophenylacetic acid	n/a	=	86	%	EPA 515.4	-88	-88	70	130	
2020/21-3	MO-CAM	srgt environ	3/27/2021	Organic	2,4-Dichlorophenylacetic acid	n/a	=	10.2	µg/L	EPA 515.4	-88	-88			
2020/21-3	MO-CAM	srgt environ, rec	3/27/2021	Organic	2,4-Dichlorophenylacetic acid	n/a	=	102	%	EPA 515.4	-88	-88	70	130	
2020/21-3	MO-FIL	srgt environ	3/27/2021	Organic	2,4-Dichlorophenylacetic acid	n/a	=	9.95	µg/L	EPA 515.4	-88	-88			
2020/21-3	MO-FIL	srgt environ, rec	3/27/2021	Organic	2,4-Dichlorophenylacetic acid	n/a	=	99	%	EPA 515.4	-88	-88	70	130	
2020/21-3	MO-HUE	srgt environ	3/27/2021	Organic	2,4-Dichlorophenylacetic acid	n/a	=	10	µg/L	EPA 515.4	-88	-88			
2020/21-3	MO-HUE	srgt environ, rec	3/27/2021	Organic	2,4-Dichlorophenylacetic acid	n/a	=	100	%	EPA 515.4	-88	-88	70	130	
2020/21-3	MO-MEI	srgt environ	3/27/2021	Organic	2,4-Dichlorophenylacetic acid	n/a	=	10.4	µg/L	EPA 515.4	-88	-88			

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2020/21-3	MO-MEI	srgt environ, rec	3/27/2021	Organic	2,4-Dichlorophenylacetic acid	n/a	=	104	%	EPA 515.4	-88	-88	70	130	
2020/21-3	MO-MPK	srgt environ	3/27/2021	Organic	2,4-Dichlorophenylacetic acid	n/a	=	9.36	µg/L	EPA 515.4	-88	-88			
2020/21-3	MO-MPK	srgt environ, rec	3/27/2021	Organic	2,4-Dichlorophenylacetic acid	n/a	=	94	%	EPA 515.4	-88	-88	70	130	
2020/21-3	MO-OJA	srgt environ	3/27/2021	Organic	2,4-Dichlorophenylacetic acid	n/a	=	9.55	µg/L	EPA 515.4	-88	-88			
2020/21-3	MO-OJA	srgt environ, rec	3/27/2021	Organic	2,4-Dichlorophenylacetic acid	n/a	=	96	%	EPA 515.4	-88	-88	70	130	
2020/21-3	MO-OXN	srgt environ	3/27/2021	Organic	2,4-Dichlorophenylacetic acid	n/a	=	10.2	µg/L	EPA 515.4	-88	-88			
2020/21-3	MO-OXN	srgt environ, rec	3/27/2021	Organic	2,4-Dichlorophenylacetic acid	n/a	=	102	%	EPA 515.4	-88	-88	70	130	
2020/21-3	MO-SIM	srgt environ	3/27/2021	Organic	2,4-Dichlorophenylacetic acid	n/a	=	8.69	µg/L	EPA 515.4	-88	-88			
2020/21-3	MO-SIM	srgt environ, rec	3/27/2021	Organic	2,4-Dichlorophenylacetic acid	n/a	=	87	%	EPA 515.4	-88	-88	70	130	
2020/21-3	MO-SPA	srgt environ	3/27/2021	Organic	2,4-Dichlorophenylacetic acid	n/a	=	10.6	µg/L	EPA 515.4	-88	-88			
2020/21-3	MO-SPA	srgt environ, rec	3/27/2021	Organic	2,4-Dichlorophenylacetic acid	n/a	=	106	%	EPA 515.4	-88	-88	70	130	
2020/21-3	MO-THO	srgt environ	3/27/2021	Organic	2,4-Dichlorophenylacetic acid	n/a	=	10.2	µg/L	EPA 515.4	-88	-88			
2020/21-3	MO-THO	srgt environ, rec	3/27/2021	Organic	2,4-Dichlorophenylacetic acid	n/a	=	102	%	EPA 515.4	-88	-88	70	130	
2020/21-3	MO-VEN	srgt environ	3/27/2021	Organic	2,4-Dichlorophenylacetic acid	n/a	=	9.03	µg/L	EPA 515.4	-88	-88			
2020/21-3	MO-VEN	srgt environ, rec	3/27/2021	Organic	2,4-Dichlorophenylacetic acid	n/a	=	90	%	EPA 515.4	-88	-88	70	130	
2020/21-3	Lab	method blank	3/25/2021	Organic	2,4-Dimethylphenol	n/a	<	1	µg/L	EPA 8270C	1	2			
2020/21-3	Lab	LCS	3/25/2021	Organic	2,4-Dimethylphenol	n/a	=	7.64	µg/L	EPA 8270C	1	2			
2020/21-3	Lab	LCS, rec	3/25/2021	Organic	2,4-Dimethylphenol	n/a	=	76	%	EPA 8270C	-88	-88	31	97	
2020/21-3	Lab	LCS dup	3/25/2021	Organic	2,4-Dimethylphenol	n/a	=	7.81	µg/L	EPA 8270C	1	2			
2020/21-3	Lab	LCS dup, rec	3/25/2021	Organic	2,4-Dimethylphenol	n/a	=	78	%	EPA 8270C	-88	-88	31	97	
2020/21-3	Lab	LCS, RPD	3/25/2021	Organic	2,4-Dimethylphenol	n/a	=	2	%	EPA 8270C	-88	-88	0	30	
2020/21-3	Lab	LCS	4/1/2021	Organic	2,4-Dimethylphenol	n/a	=	7	µg/L	EPA 625.1	0.3	1			
2020/21-3	Lab	LCS, rec	4/1/2021	Organic	2,4-Dimethylphenol	n/a	=	70	%	EPA 625.1	-88	-88	42	120	
2020/21-3	Lab	LCS dup	4/1/2021	Organic	2,4-Dimethylphenol	n/a	=	6.74	µg/L	EPA 625.1	0.3	1			
2020/21-3	Lab	LCS dup, rec	4/1/2021	Organic	2,4-Dimethylphenol	n/a	=	67	%	EPA 625.1	-88	-88	42	120	
2020/21-3	Lab	LCS, RPD	4/1/2021	Organic	2,4-Dimethylphenol	n/a	=	4	%	EPA 625.1	-88	-88	0	30	
2020/21-3	Lab	method blank	4/1/2021	Organic	2,4-Dimethylphenol	n/a	<	0.3	µg/L	EPA 625.1	0.3	1			
2020/21-3	Lab	method blank	3/25/2021	Organic	2,4-Dinitrophenol	n/a	<	1	µg/L	EPA 8270C	1	2			
2020/21-3	Lab	LCS	3/25/2021	Organic	2,4-Dinitrophenol	n/a	=	11.2	µg/L	EPA 8270C	1	2			
2020/21-3	Lab	LCS, rec	3/25/2021	Organic	2,4-Dinitrophenol	n/a	=	112	%	EPA 8270C	-88	-88	7	155	
2020/21-3	Lab	LCS dup	3/25/2021	Organic	2,4-Dinitrophenol	n/a	=	11.3	µg/L	EPA 8270C	1	2			
2020/21-3	Lab	LCS dup, rec	3/25/2021	Organic	2,4-Dinitrophenol	n/a	=	113	%	EPA 8270C	-88	-88	7	155	
2020/21-3	Lab	LCS, RPD	3/25/2021	Organic	2,4-Dinitrophenol	n/a	=	0.7	%	EPA 8270C	-88	-88	0	30	
2020/21-3	Lab	LCS	4/1/2021	Organic	2,4-Dinitrophenol	n/a	DNQ	7.34	µg/L	EPA 625.1	1.9	10			
2020/21-3	Lab	LCS, rec	4/1/2021	Organic	2,4-Dinitrophenol	n/a	=	73	%	EPA 625.1	-88	-88	0.1	173	
2020/21-3	Lab	LCS dup	4/1/2021	Organic	2,4-Dinitrophenol	n/a	DNQ	8.7	µg/L	EPA 625.1	1.9	10			
2020/21-3	Lab	LCS dup, rec	4/1/2021	Organic	2,4-Dinitrophenol	n/a	=	87	%	EPA 625.1	-88	-88	0.1	173	
2020/21-3	Lab	LCS, RPD	4/1/2021	Organic	2,4-Dinitrophenol	n/a	=	17	%	EPA 625.1	-88	-88	0	30	
2020/21-3	Lab	method blank	4/1/2021	Organic	2,4-Dinitrophenol	n/a	<	1.9	µg/L	EPA 625.1	1.9	10			
2020/21-3	Lab	LCS	4/1/2021	Organic	2,4-Dinitrotoluene	n/a	=	7.13	µg/L	EPA 625.1	0.18	1			
2020/21-3	Lab	LCS, rec	4/1/2021	Organic	2,4-Dinitrotoluene	n/a	=	71	%	EPA 625.1	-88	-88	48	127	
2020/21-3	Lab	LCS dup	4/1/2021	Organic	2,4-Dinitrotoluene	n/a	=	7.62	µg/L	EPA 625.1	0.18	1			
2020/21-3	Lab	LCS dup, rec	4/1/2021	Organic	2,4-Dinitrotoluene	n/a	=	76	%	EPA 625.1	-88	-88	48	127	
2020/21-3	Lab	LCS, RPD	4/1/2021	Organic	2,4-Dinitrotoluene	n/a	=	7	%	EPA 625.1	-88	-88	0	30	
2020/21-3	Lab	method blank	4/1/2021	Organic	2,4-Dinitrotoluene	n/a	<	0.18	µg/L	EPA 625.1	0.18	1			
2020/21-3	Lab	LCS	4/1/2021	Organic	2,6-Dinitrotoluene	n/a	=	6.77	µg/L	EPA 625.1	0.27	1			
2020/21-3	Lab	LCS, rec	4/1/2021	Organic	2,6-Dinitrotoluene	n/a	=	68	%	EPA 625.1	-88	-88	68	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	
2020/21-3	Lab	LCS dup	4/1/2021	Organic	2,6-Dinitrotoluene	n/a	=	7.07	µg/L	EPA 625.1	0.27	1			
2020/21-3	Lab	LCS dup, rec	4/1/2021	Organic	2,6-Dinitrotoluene	n/a	=	71	%	EPA 625.1	-88	-88	68	137	
2020/21-3	Lab	LCS, RPD	4/1/2021	Organic	2,6-Dinitrotoluene	n/a	=	4	%	EPA 625.1	-88	-88	0	30	
2020/21-3	Lab	method blank	4/1/2021	Organic	2,6-Dinitrotoluene	n/a	<	0.27	µg/L	EPA 625.1	0.27	1			
2020/21-3	Lab	LCS	4/1/2021	Organic	2-Chloronaphthalene	n/a	=	7.42	µg/L	EPA 625.1	0.45	1			
2020/21-3	Lab	LCS, rec	4/1/2021	Organic	2-Chloronaphthalene	n/a	=	74	%	EPA 625.1	-88	-88	65	120	
2020/21-3	Lab	LCS dup	4/1/2021	Organic	2-Chloronaphthalene	n/a	=	7.67	µg/L	EPA 625.1	0.45	1			
2020/21-3	Lab	LCS dup, rec	4/1/2021	Organic	2-Chloronaphthalene	n/a	=	77	%	EPA 625.1	-88	-88	65	120	
2020/21-3	Lab	LCS, RPD	4/1/2021	Organic	2-Chloronaphthalene	n/a	=	3	%	EPA 625.1	-88	-88	0	30	
2020/21-3	Lab	method blank	4/1/2021	Organic	2-Chloronaphthalene	n/a	<	0.45	µg/L	EPA 625.1	0.45	1			
2020/21-3	Lab	method blank	3/25/2021	Organic	2-Chlorophenol	n/a	<	0.65	µg/L	EPA 8270C	0.65	1			
2020/21-3	Lab	LCS	3/25/2021	Organic	2-Chlorophenol	n/a	=	7.19	µg/L	EPA 8270C	0.65	1			
2020/21-3	Lab	LCS, rec	3/25/2021	Organic	2-Chlorophenol	n/a	=	72	%	EPA 8270C	-88	-88	27	90	
2020/21-3	Lab	LCS dup	3/25/2021	Organic	2-Chlorophenol	n/a	=	7.47	µg/L	EPA 8270C	0.65	1			
2020/21-3	Lab	LCS dup, rec	3/25/2021	Organic	2-Chlorophenol	n/a	=	75	%	EPA 8270C	-88	-88	27	90	
2020/21-3	Lab	LCS, RPD	3/25/2021	Organic	2-Chlorophenol	n/a	=	4	%	EPA 8270C	-88	-88	0	30	
2020/21-3	Lab	LCS	4/1/2021	Organic	2-Chlorophenol	n/a	=	7.02	µg/L	EPA 625.1	0.28	1			
2020/21-3	Lab	LCS, rec	4/1/2021	Organic	2-Chlorophenol	n/a	=	70	%	EPA 625.1	-88	-88	36	120	
2020/21-3	Lab	LCS dup	4/1/2021	Organic	2-Chlorophenol	n/a	=	7.18	µg/L	EPA 625.1	0.28	1			
2020/21-3	Lab	LCS dup, rec	4/1/2021	Organic	2-Chlorophenol	n/a	=	72	%	EPA 625.1	-88	-88	36	120	
2020/21-3	Lab	LCS, RPD	4/1/2021	Organic	2-Chlorophenol	n/a	=	2	%	EPA 625.1	-88	-88	0	30	
2020/21-3	Lab	method blank	4/1/2021	Organic	2-Chlorophenol	n/a	<	0.28	µg/L	EPA 625.1	0.28	1			
2020/21-3	Lab	srgt method blank	3/26/2021	Organic	2-Fluorobiphenyl	n/a	=	3.39	µg/L	EPA 8270C	-88	-88			
2020/21-3	Lab	srgt method blank, rec	3/26/2021	Organic	2-Fluorobiphenyl	n/a	=	68	%	EPA 8270C	-88	-88	51	139	
2020/21-3	Lab	srgt LCS	3/26/2021	Organic	2-Fluorobiphenyl	n/a	=	3.55	µg/L	EPA 8270C	-88	-88			
2020/21-3	Lab	srgt LCS, rec	3/26/2021	Organic	2-Fluorobiphenyl	n/a	=	71	%	EPA 8270C	-88	-88	51	139	
2020/21-3	Lab	srgt LCS dup	3/27/2021	Organic	2-Fluorobiphenyl	n/a	=	3.76	µg/L	EPA 8270C	-88	-88			
2020/21-3	Lab	srgt LCS dup, rec	3/27/2021	Organic	2-Fluorobiphenyl	n/a	=	75	%	EPA 8270C	-88	-88	51	139	
2020/21-3	Lab	srgt LCS	4/1/2021	Organic	2-Fluorobiphenyl	n/a	=	3.56	µg/L	EPA 625.1	-88	-88			
2020/21-3	Lab	srgt LCS, rec	4/1/2021	Organic	2-Fluorobiphenyl	n/a	=	71	%	EPA 625.1	-88	-88	22	120	
2020/21-3	Lab	srgt LCS dup	4/1/2021	Organic	2-Fluorobiphenyl	n/a	=	3.69	µg/L	EPA 625.1	-88	-88			
2020/21-3	Lab	srgt LCS dup, rec	4/1/2021	Organic	2-Fluorobiphenyl	n/a	=	74	%	EPA 625.1	-88	-88	22	120	
2020/21-3	Lab	srgt method blank	4/1/2021	Organic	2-Fluorobiphenyl	n/a	=	3.53	µg/L	EPA 625.1	-88	-88			
2020/21-3	Lab	srgt method blank, rec	4/1/2021	Organic	2-Fluorobiphenyl	n/a	=	71	%	EPA 625.1	-88	-88	22	120	
2020/21-3	ME-CC	srgt environ	3/27/2021	Organic	2-Fluorobiphenyl	n/a	=	33.6	µg/L	EPA 8270C	-88	-88			
2020/21-3	ME-CC	srgt environ, rec	3/27/2021	Organic	2-Fluorobiphenyl	n/a	=	67	%	EPA 8270C	-88	-88	51	139	
2020/21-3	ME-CC	srgt environ	4/1/2021	Organic	2-Fluorobiphenyl	n/a	=	34.5	µg/L	EPA 625.1	-88	-88			
2020/21-3	ME-CC	srgt environ, rec	4/1/2021	Organic	2-Fluorobiphenyl	n/a	=	69	%	EPA 625.1	-88	-88	22	120	
2020/21-3	ME-SCR	srgt environ	3/27/2021	Organic	2-Fluorobiphenyl	n/a	=	4.25	µg/L	EPA 8270C	-88	-88			
2020/21-3	ME-SCR	srgt environ, rec	3/27/2021	Organic	2-Fluorobiphenyl	n/a	=	85	%	EPA 8270C	-88	-88	51	139	
2020/21-3	ME-SCR	srgt environ	4/1/2021	Organic	2-Fluorobiphenyl	n/a	=	4.42	µg/L	EPA 625.1	-88	-88			
2020/21-3	ME-SCR	srgt environ, rec	4/1/2021	Organic	2-Fluorobiphenyl	n/a	=	88	%	EPA 625.1	-88	-88	22	120	
2020/21-3	ME-VR2	srgt environ	3/27/2021	Organic	2-Fluorobiphenyl	n/a	=	3.73	µg/L	EPA 8270C	-88	-88			
2020/21-3	ME-VR2	srgt environ, rec	3/27/2021	Organic	2-Fluorobiphenyl	n/a	=	75	%	EPA 8270C	-88	-88	51	139	
2020/21-3	ME-VR2	srgt environ	4/2/2021	Organic	2-Fluorobiphenyl	n/a	=	3.81	µg/L	EPA 625.1	-88	-88			
2020/21-3	ME-VR2	srgt environ, rec	4/2/2021	Organic	2-Fluorobiphenyl	n/a	=	76	%	EPA 625.1	-88	-88	22	120	
2020/21-3	MO-CAM	srgt environ	3/27/2021	Organic	2-Fluorobiphenyl	n/a	=	16.9	µg/L	EPA 8270C	-88	-88			

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2020/21-3	MO-CAM	srgt environ, rec	3/27/2021	Organic	2-Fluorobiphenyl	n/a	=	67	%	EPA 8270C	-88	-88	51	139	
2020/21-3	MO-CAM	srgt environ	4/2/2021	Organic	2-Fluorobiphenyl	n/a	=	17	µg/L	EPA 625.1	-88	-88			
2020/21-3	MO-CAM	srgt environ, rec	4/2/2021	Organic	2-Fluorobiphenyl	n/a	=	68	%	EPA 625.1	-88	-88	22	120	
2020/21-3	MO-FIL	srgt environ	3/27/2021	Organic	2-Fluorobiphenyl	n/a	=	33.1	µg/L	EPA 8270C	-88	-88			
2020/21-3	MO-FIL	srgt environ, rec	3/27/2021	Organic	2-Fluorobiphenyl	n/a	=	66	%	EPA 8270C	-88	-88	51	139	
2020/21-3	MO-FIL	srgt environ	4/2/2021	Organic	2-Fluorobiphenyl	n/a	=	34.3	µg/L	EPA 625.1	-88	-88			
2020/21-3	MO-FIL	srgt environ, rec	4/2/2021	Organic	2-Fluorobiphenyl	n/a	=	69	%	EPA 625.1	-88	-88	22	120	
2020/21-3	MO-HUE	srgt environ	3/27/2021	Organic	2-Fluorobiphenyl	n/a	=	3.83	µg/L	EPA 8270C	-88	-88			
2020/21-3	MO-HUE	srgt environ, rec	3/27/2021	Organic	2-Fluorobiphenyl	n/a	=	77	%	EPA 8270C	-88	-88	51	139	
2020/21-3	MO-HUE	srgt environ	4/2/2021	Organic	2-Fluorobiphenyl	n/a	=	4.1	µg/L	EPA 625.1	-88	-88			
2020/21-3	MO-HUE	srgt environ, rec	4/2/2021	Organic	2-Fluorobiphenyl	n/a	=	82	%	EPA 625.1	-88	-88	22	120	
2020/21-3	MO-MEI	srgt environ	3/27/2021	Organic	2-Fluorobiphenyl	n/a	=	15.1	µg/L	EPA 8270C	-88	-88			
2020/21-3	MO-MEI	srgt environ, rec	3/27/2021	Organic	2-Fluorobiphenyl	n/a	=	60	%	EPA 8270C	-88	-88	51	139	
2020/21-3	MO-MEI	srgt environ	4/2/2021	Organic	2-Fluorobiphenyl	n/a	=	15.4	µg/L	EPA 625.1	-88	-88			
2020/21-3	MO-MEI	srgt environ, rec	4/2/2021	Organic	2-Fluorobiphenyl	n/a	=	62	%	EPA 625.1	-88	-88	22	120	
2020/21-3	MO-MPK	srgt environ	3/27/2021	Organic	2-Fluorobiphenyl	n/a	=	37.5	µg/L	EPA 8270C	-88	-88			
2020/21-3	MO-MPK	srgt environ, rec	3/27/2021	Organic	2-Fluorobiphenyl	n/a	=	75	%	EPA 8270C	-88	-88	51	139	
2020/21-3	MO-MPK	srgt environ	4/2/2021	Organic	2-Fluorobiphenyl	n/a	=	38.9	µg/L	EPA 625.1	-88	-88			
2020/21-3	MO-MPK	srgt environ, rec	4/2/2021	Organic	2-Fluorobiphenyl	n/a	=	78	%	EPA 625.1	-88	-88	22	120	
2020/21-3	MO-OJA	srgt environ	3/27/2021	Organic	2-Fluorobiphenyl	n/a	=	29.7	µg/L	EPA 8270C	-88	-88			
2020/21-3	MO-OJA	srgt environ, rec	3/27/2021	Organic	2-Fluorobiphenyl	n/a	=	59	%	EPA 8270C	-88	-88	51	139	
2020/21-3	MO-OJA	srgt environ	4/2/2021	Organic	2-Fluorobiphenyl	n/a	=	30.6	µg/L	EPA 625.1	-88	-88			
2020/21-3	MO-OJA	srgt environ, rec	4/2/2021	Organic	2-Fluorobiphenyl	n/a	=	61	%	EPA 625.1	-88	-88	22	120	
2020/21-3	MO-OXN	srgt environ	3/27/2021	Organic	2-Fluorobiphenyl	n/a	=	20.9	µg/L	EPA 8270C	-88	-88			
2020/21-3	MO-OXN	srgt environ, rec	3/27/2021	Organic	2-Fluorobiphenyl	n/a	=	83	%	EPA 8270C	-88	-88	51	139	
2020/21-3	MO-OXN	srgt environ	4/2/2021	Organic	2-Fluorobiphenyl	n/a	=	21.7	µg/L	EPA 625.1	-88	-88			
2020/21-3	MO-OXN	srgt environ, rec	4/2/2021	Organic	2-Fluorobiphenyl	n/a	=	87	%	EPA 625.1	-88	-88	22	120	
2020/21-3	MO-SIM	srgt environ	3/27/2021	Organic	2-Fluorobiphenyl	n/a	=	30.5	µg/L	EPA 8270C	-88	-88			
2020/21-3	MO-SIM	srgt environ, rec	3/27/2021	Organic	2-Fluorobiphenyl	n/a	=	61	%	EPA 8270C	-88	-88	51	139	
2020/21-3	MO-SIM	srgt environ	4/2/2021	Organic	2-Fluorobiphenyl	n/a	=	31.3	µg/L	EPA 625.1	-88	-88			
2020/21-3	MO-SIM	srgt environ, rec	4/2/2021	Organic	2-Fluorobiphenyl	n/a	=	63	%	EPA 625.1	-88	-88	22	120	
2020/21-3	MO-SPA	srgt environ	3/27/2021	Organic	2-Fluorobiphenyl	n/a	=	41.9	µg/L	EPA 8270C	-88	-88			
2020/21-3	MO-SPA	srgt environ, rec	3/27/2021	Organic	2-Fluorobiphenyl	n/a	=	84	%	EPA 8270C	-88	-88	51	139	
2020/21-3	MO-SPA	srgt environ	4/2/2021	Organic	2-Fluorobiphenyl	n/a	=	42.1	µg/L	EPA 625.1	-88	-88			
2020/21-3	MO-SPA	srgt environ, rec	4/2/2021	Organic	2-Fluorobiphenyl	n/a	=	84	%	EPA 625.1	-88	-88	22	120	
2020/21-3	MO-THO	srgt environ	3/27/2021	Organic	2-Fluorobiphenyl	n/a	=	17.1	µg/L	EPA 8270C	-88	-88			
2020/21-3	MO-THO	srgt environ, rec	3/27/2021	Organic	2-Fluorobiphenyl	n/a	=	69	%	EPA 8270C	-88	-88	51	139	
2020/21-3	MO-THO	srgt environ	4/2/2021	Organic	2-Fluorobiphenyl	n/a	=	18	µg/L	EPA 625.1	-88	-88			
2020/21-3	MO-THO	srgt environ, rec	4/2/2021	Organic	2-Fluorobiphenyl	n/a	=	72	%	EPA 625.1	-88	-88	22	120	
2020/21-3	MO-VEN	srgt environ	3/27/2021	Organic	2-Fluorobiphenyl	n/a	=	35.6	µg/L	EPA 8270C	-88	-88			
2020/21-3	MO-VEN	srgt environ, rec	3/27/2021	Organic	2-Fluorobiphenyl	n/a	=	71	%	EPA 8270C	-88	-88	51	139	
2020/21-3	MO-VEN	srgt environ	4/2/2021	Organic	2-Fluorobiphenyl	n/a	=	36.8	µg/L	EPA 625.1	-88	-88			
2020/21-3	MO-VEN	srgt environ, rec	4/2/2021	Organic	2-Fluorobiphenyl	n/a	=	74	%	EPA 625.1	-88	-88	22	120	
2020/21-3	Lab	srgt method blank	3/25/2021	Organic	2-Fluorophenol	n/a	=	4.46	µg/L	EPA 8270C	-88	-88			
2020/21-3	Lab	srgt method blank, rec	3/25/2021	Organic	2-Fluorophenol	n/a	=	45	%	EPA 8270C	-88	-88	11	62	
2020/21-3	Lab	srgt LCS	3/25/2021	Organic	2-Fluorophenol	n/a	=	4.48	µg/L	EPA 8270C	-88	-88			
2020/21-3	Lab	srgt LCS, rec	3/25/2021	Organic	2-Fluorophenol	n/a	=	45	%	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	
2020/21-3	Lab	srgt LCS dup	3/25/2021	Organic	2-Fluorophenol	n/a	=	4.66	µg/L	EPA 8270C	-88	-88			
2020/21-3	Lab	srgt LCS dup, rec	3/25/2021	Organic	2-Fluorophenol	n/a	=	47	%	EPA 8270C	-88	-88	11	62	
2020/21-3	Lab	srgt LCS	4/1/2021	Organic	2-Fluorophenol	n/a	=	4.32	µg/L	EPA 625.1	-88	-88			
2020/21-3	Lab	srgt LCS, rec	4/1/2021	Organic	2-Fluorophenol	n/a	=	43	%	EPA 625.1	-88	-88	17	120	
2020/21-3	Lab	srgt LCS dup	4/1/2021	Organic	2-Fluorophenol	n/a	=	4.46	µg/L	EPA 625.1	-88	-88			
2020/21-3	Lab	srgt LCS dup, rec	4/1/2021	Organic	2-Fluorophenol	n/a	=	45	%	EPA 625.1	-88	-88	17	120	
2020/21-3	Lab	srgt method blank	4/1/2021	Organic	2-Fluorophenol	n/a	=	4.39	µg/L	EPA 625.1	-88	-88			
2020/21-3	Lab	srgt method blank, rec	4/1/2021	Organic	2-Fluorophenol	n/a	=	44	%	EPA 625.1	-88	-88	17	120	
2020/21-3	ME-CC	srgt environ	3/26/2021	Organic	2-Fluorophenol	n/a	=	41.5	µg/L	EPA 8270C	-88	-88			
2020/21-3	ME-CC	srgt environ, rec	3/26/2021	Organic	2-Fluorophenol	n/a	=	42	%	EPA 8270C	-88	-88	11	62	
2020/21-3	ME-CC	srgt environ	4/1/2021	Organic	2-Fluorophenol	n/a	=	41.1	µg/L	EPA 625.1	-88	-88			
2020/21-3	ME-CC	srgt environ, rec	4/1/2021	Organic	2-Fluorophenol	n/a	=	41	%	EPA 625.1	-88	-88	17	120	
2020/21-3	ME-SCR	srgt environ	3/26/2021	Organic	2-Fluorophenol	n/a	=	5.09	µg/L	EPA 8270C	-88	-88			
2020/21-3	ME-SCR	srgt environ, rec	3/26/2021	Organic	2-Fluorophenol	n/a	=	51	%	EPA 8270C	-88	-88	11	62	
2020/21-3	ME-SCR	srgt environ	4/1/2021	Organic	2-Fluorophenol	n/a	=	4.88	µg/L	EPA 625.1	-88	-88			
2020/21-3	ME-SCR	srgt environ, rec	4/1/2021	Organic	2-Fluorophenol	n/a	=	49	%	EPA 625.1	-88	-88	17	120	
2020/21-3	ME-VR2	srgt environ	3/26/2021	Organic	2-Fluorophenol	n/a	=	4.4	µg/L	EPA 8270C	-88	-88			
2020/21-3	ME-VR2	srgt environ, rec	3/26/2021	Organic	2-Fluorophenol	n/a	=	44	%	EPA 8270C	-88	-88	11	62	
2020/21-3	ME-VR2	srgt environ	4/2/2021	Organic	2-Fluorophenol	n/a	=	4.11	µg/L	EPA 625.1	-88	-88			
2020/21-3	ME-VR2	srgt environ, rec	4/2/2021	Organic	2-Fluorophenol	n/a	=	41	%	EPA 625.1	-88	-88	17	120	
2020/21-3	MO-CAM	srgt environ	3/26/2021	Organic	2-Fluorophenol	n/a	=	20.1	µg/L	EPA 8270C	-88	-88			
2020/21-3	MO-CAM	srgt environ, rec	3/26/2021	Organic	2-Fluorophenol	n/a	=	40	%	EPA 8270C	-88	-88	11	62	
2020/21-3	MO-CAM	srgt environ	4/2/2021	Organic	2-Fluorophenol	n/a	=	20.2	µg/L	EPA 625.1	-88	-88			
2020/21-3	MO-CAM	srgt environ, rec	4/2/2021	Organic	2-Fluorophenol	n/a	=	40	%	EPA 625.1	-88	-88	17	120	
2020/21-3	MO-FIL	srgt environ	3/26/2021	Organic	2-Fluorophenol	n/a	=	40.5	µg/L	EPA 8270C	-88	-88			
2020/21-3	MO-FIL	srgt environ, rec	3/26/2021	Organic	2-Fluorophenol	n/a	=	40	%	EPA 8270C	-88	-88	11	62	
2020/21-3	MO-FIL	srgt environ	4/2/2021	Organic	2-Fluorophenol	n/a	=	41.8	µg/L	EPA 625.1	-88	-88			
2020/21-3	MO-FIL	srgt environ, rec	4/2/2021	Organic	2-Fluorophenol	n/a	=	42	%	EPA 625.1	-88	-88	17	120	
2020/21-3	MO-HUE	srgt environ	3/26/2021	Organic	2-Fluorophenol	n/a	=	4.23	µg/L	EPA 8270C	-88	-88			
2020/21-3	MO-HUE	srgt environ, rec	3/26/2021	Organic	2-Fluorophenol	n/a	=	42	%	EPA 8270C	-88	-88	11	62	
2020/21-3	MO-HUE	srgt environ	4/2/2021	Organic	2-Fluorophenol	n/a	=	4.34	µg/L	EPA 625.1	-88	-88			
2020/21-3	MO-HUE	srgt environ, rec	4/2/2021	Organic	2-Fluorophenol	n/a	=	43	%	EPA 625.1	-88	-88	17	120	
2020/21-3	MO-MEI	srgt environ	3/26/2021	Organic	2-Fluorophenol	n/a	=	17.7	µg/L	EPA 8270C	-88	-88			
2020/21-3	MO-MEI	srgt environ, rec	3/26/2021	Organic	2-Fluorophenol	n/a	=	35	%	EPA 8270C	-88	-88	11	62	
2020/21-3	MO-MEI	srgt environ	4/2/2021	Organic	2-Fluorophenol	n/a	=	18.5	µg/L	EPA 625.1	-88	-88			
2020/21-3	MO-MEI	srgt environ, rec	4/2/2021	Organic	2-Fluorophenol	n/a	=	37	%	EPA 625.1	-88	-88	17	120	
2020/21-3	MO-MPK	srgt environ	3/26/2021	Organic	2-Fluorophenol	n/a	=	43.6	µg/L	EPA 8270C	-88	-88			
2020/21-3	MO-MPK	srgt environ, rec	3/26/2021	Organic	2-Fluorophenol	n/a	=	44	%	EPA 8270C	-88	-88	11	62	
2020/21-3	MO-MPK	srgt environ	4/2/2021	Organic	2-Fluorophenol	n/a	=	46.3	µg/L	EPA 625.1	-88	-88			
2020/21-3	MO-MPK	srgt environ, rec	4/2/2021	Organic	2-Fluorophenol	n/a	=	46	%	EPA 625.1	-88	-88	17	120	
2020/21-3	MO-OJA	srgt environ	3/26/2021	Organic	2-Fluorophenol	n/a	=	35.1	µg/L	EPA 8270C	-88	-88			
2020/21-3	MO-OJA	srgt environ, rec	3/26/2021	Organic	2-Fluorophenol	n/a	=	35	%	EPA 8270C	-88	-88	11	62	
2020/21-3	MO-OJA	srgt environ	4/2/2021	Organic	2-Fluorophenol	n/a	=	35.2	µg/L	EPA 625.1	-88	-88			
2020/21-3	MO-OJA	srgt environ, rec	4/2/2021	Organic	2-Fluorophenol	n/a	=	35	%	EPA 625.1	-88	-88	17	120	
2020/21-3	MO-oxn	srgt environ	3/26/2021	Organic	2-Fluorophenol	n/a	=	24.5	µg/L	EPA 8270C	-88	-88			
2020/21-3	MO-oxn	srgt environ, rec	3/26/2021	Organic	2-Fluorophenol	n/a	=	49	%	EPA 8270C	-88	-88	11	62	
2020/21-3	MO-oxn	srgt environ	4/2/2021	Organic	2-Fluorophenol	n/a	=	25.6	µg/L	EPA 625.1	-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	
2020/21-3	MO-OXN	srgt environ, rec	4/2/2021	Organic	2-Fluorophenol	n/a	=	51	%	EPA 625.1	-88	-88	17	120	
2020/21-3	MO-SIM	srgt environ	3/26/2021	Organic	2-Fluorophenol	n/a	=	35.5	µg/L	EPA 8270C	-88	-88			
2020/21-3	MO-SIM	srgt environ, rec	3/26/2021	Organic	2-Fluorophenol	n/a	=	35	%	EPA 8270C	-88	-88	11	62	
2020/21-3	MO-SIM	srgt environ	4/2/2021	Organic	2-Fluorophenol	n/a	=	36.6	µg/L	EPA 625.1	-88	-88			
2020/21-3	MO-SIM	srgt environ, rec	4/2/2021	Organic	2-Fluorophenol	n/a	=	37	%	EPA 625.1	-88	-88	17	120	
2020/21-3	MO-SPA	srgt environ	3/26/2021	Organic	2-Fluorophenol	n/a	=	49	µg/L	EPA 8270C	-88	-88			
2020/21-3	MO-SPA	srgt environ, rec	3/26/2021	Organic	2-Fluorophenol	n/a	=	49	%	EPA 8270C	-88	-88	11	62	
2020/21-3	MO-SPA	srgt environ	4/2/2021	Organic	2-Fluorophenol	n/a	=	49.9	µg/L	EPA 625.1	-88	-88			
2020/21-3	MO-SPA	srgt environ, rec	4/2/2021	Organic	2-Fluorophenol	n/a	=	50	%	EPA 625.1	-88	-88	17	120	
2020/21-3	MO-THO	srgt environ	3/26/2021	Organic	2-Fluorophenol	n/a	=	21.3	µg/L	EPA 8270C	-88	-88			
2020/21-3	MO-THO	srgt environ, rec	3/26/2021	Organic	2-Fluorophenol	n/a	=	43	%	EPA 8270C	-88	-88	11	62	
2020/21-3	MO-THO	srgt environ	4/2/2021	Organic	2-Fluorophenol	n/a	=	21.5	µg/L	EPA 625.1	-88	-88			
2020/21-3	MO-THO	srgt environ, rec	4/2/2021	Organic	2-Fluorophenol	n/a	=	43	%	EPA 625.1	-88	-88	17	120	
2020/21-3	MO-VEN	srgt environ	3/26/2021	Organic	2-Fluorophenol	n/a	=	43.7	µg/L	EPA 8270C	-88	-88			
2020/21-3	MO-VEN	srgt environ, rec	3/26/2021	Organic	2-Fluorophenol	n/a	=	44	%	EPA 8270C	-88	-88	11	62	
2020/21-3	MO-VEN	srgt environ	4/2/2021	Organic	2-Fluorophenol	n/a	=	44.9	µg/L	EPA 625.1	-88	-88			
2020/21-3	MO-VEN	srgt environ, rec	4/2/2021	Organic	2-Fluorophenol	n/a	=	45	%	EPA 625.1	-88	-88	17	120	
2020/21-3	Lab	method blank	3/26/2021	Organic	2-Methylnaphthalene	n/a	<	0.026	µg/L	EPA 8270C	0.026	0.1			
2020/21-3	Lab	method blank	3/25/2021	Organic	2-Methylphenol	n/a	<	0.34	µg/L	EPA 8270C	0.34	1			
2020/21-3	Lab	method blank	3/25/2021	Organic	2-Nitrophenol	n/a	<	0.71	µg/L	EPA 8270C	0.71	1			
2020/21-3	Lab	LCS	3/25/2021	Organic	2-Nitrophenol	n/a	=	7.22	µg/L	EPA 8270C	0.71	1			
2020/21-3	Lab	LCS, rec	3/25/2021	Organic	2-Nitrophenol	n/a	=	72	%	EPA 8270C	-88	-88	33	103	
2020/21-3	Lab	LCS dup	3/25/2021	Organic	2-Nitrophenol	n/a	=	7.65	µg/L	EPA 8270C	0.71	1			
2020/21-3	Lab	LCS dup, rec	3/25/2021	Organic	2-Nitrophenol	n/a	=	76	%	EPA 8270C	-88	-88	33	103	
2020/21-3	Lab	LCS, RPD	3/25/2021	Organic	2-Nitrophenol	n/a	=	6	%	EPA 8270C	-88	-88	0	30	
2020/21-3	Lab	LCS	4/1/2021	Organic	2-Nitrophenol	n/a	=	7.75	µg/L	EPA 625.1	0.26	1			
2020/21-3	Lab	LCS, rec	4/1/2021	Organic	2-Nitrophenol	n/a	=	78	%	EPA 625.1	-88	-88	45	167	
2020/21-3	Lab	LCS dup	4/1/2021	Organic	2-Nitrophenol	n/a	=	8.26	µg/L	EPA 625.1	0.26	1			
2020/21-3	Lab	LCS dup, rec	4/1/2021	Organic	2-Nitrophenol	n/a	=	83	%	EPA 625.1	-88	-88	45	167	
2020/21-3	Lab	LCS, RPD	4/1/2021	Organic	2-Nitrophenol	n/a	=	6	%	EPA 625.1	-88	-88	0	30	
2020/21-3	Lab	method blank	4/1/2021	Organic	2-Nitrophenol	n/a	<	0.26	µg/L	EPA 625.1	0.26	1			
2020/21-3	Lab	LCS	4/1/2021	Organic	3,3'-Dichlorobenzidine	n/a	=	5.99	µg/L	EPA 625.1	0.99	5			
2020/21-3	Lab	LCS, rec	4/1/2021	Organic	3,3'-Dichlorobenzidine	n/a	=	60	%	EPA 625.1	-88	-88	8	213	
2020/21-3	Lab	LCS dup	4/1/2021	Organic	3,3'-Dichlorobenzidine	n/a	=	6.84	µg/L	EPA 625.1	0.99	5			
2020/21-3	Lab	LCS dup, rec	4/1/2021	Organic	3,3'-Dichlorobenzidine	n/a	=	68	%	EPA 625.1	-88	-88	8	213	
2020/21-3	Lab	LCS, RPD	4/1/2021	Organic	3,3'-Dichlorobenzidine	n/a	=	13	%	EPA 625.1	-88	-88	0	30	
2020/21-3	Lab	method blank	4/1/2021	Organic	3,3'-Dichlorobenzidine	n/a	<	0.99	µg/L	EPA 625.1	0.99	5			
2020/21-3	Lab	method blank	3/25/2021	Organic	3-/4-Methylphenol	n/a	<	0.3	µg/L	EPA 8270C	0.3	1			
2020/21-3	Lab	method blank	3/25/2021	Organic	4,6-Dinitro-2-methylphenol	n/a	<	0.14	µg/L	EPA 8270C	0.14	1			
2020/21-3	Lab	LCS	3/25/2021	Organic	4,6-Dinitro-2-methylphenol	n/a	=	9.05	µg/L	EPA 8270C	0.14	1			
2020/21-3	Lab	LCS, rec	3/25/2021	Organic	4,6-Dinitro-2-methylphenol	n/a	=	91	%	EPA 8270C	-88	-88	33	118	
2020/21-3	Lab	LCS dup	3/25/2021	Organic	4,6-Dinitro-2-methylphenol	n/a	=	9.16	µg/L	EPA 8270C	0.14	1			
2020/21-3	Lab	LCS dup, rec	3/25/2021	Organic	4,6-Dinitro-2-methylphenol	n/a	=	92	%	EPA 8270C	-88	-88	33	118	
2020/21-3	Lab	LCS, RPD	3/25/2021	Organic	4,6-Dinitro-2-methylphenol	n/a	=	1	%	EPA 8270C	-88	-88	0	30	
2020/21-3	Lab	LCS	4/1/2021	Organic	4,6-Dinitro-2-methylphenol	n/a	=	6.46	µg/L	EPA 625.1	1.4	5			
2020/21-3	Lab	LCS, rec	4/1/2021	Organic	4,6-Dinitro-2-methylphenol	n/a	=	65	%	EPA 625.1	-88	-88	53	130	
2020/21-3	Lab	LCS dup	4/1/2021	Organic	4,6-Dinitro-2-methylphenol	n/a	=	7.72	µg/L	EPA 625.1	1.4	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	
2020/21-3	Lab	LCS dup. rec	4/1/2021	Organic	4,6-Dinitro-2-methylphenol	n/a	=	77	%	EPA 625.1	-88	-88	53	130	
2020/21-3	Lab	LCS, RPD	4/1/2021	Organic	4,6-Dinitro-2-methylphenol	n/a	=	18	%	EPA 625.1	-88	-88	0	30	
2020/21-3	Lab	method blank	4/1/2021	Organic	4,6-Dinitro-2-methylphenol	n/a	<	1.4	µg/L	EPA 625.1	1.4	5			
2020/21-3	Lab	LCS	4/1/2021	Organic	4-Bromophenyl phenyl ether	n/a	=	7.33	µg/L	EPA 625.1	0.36	1			
2020/21-3	Lab	LCS, rec	4/1/2021	Organic	4-Bromophenyl phenyl ether	n/a	=	73	%	EPA 625.1	-88	-88	65	120	
2020/21-3	Lab	LCS dup	4/1/2021	Organic	4-Bromophenyl phenyl ether	n/a	=	7.47	µg/L	EPA 625.1	0.36	1			
2020/21-3	Lab	LCS dup. rec	4/1/2021	Organic	4-Bromophenyl phenyl ether	n/a	=	75	%	EPA 625.1	-88	-88	65	120	
2020/21-3	Lab	LCS, RPD	4/1/2021	Organic	4-Bromophenyl phenyl ether	n/a	=	2	%	EPA 625.1	-88	-88	0	30	
2020/21-3	Lab	method blank	4/1/2021	Organic	4-Bromophenyl phenyl ether	n/a	<	0.36	µg/L	EPA 625.1	0.36	1			
2020/21-3	Lab	method blank	3/25/2021	Organic	4-Chloro-3-methylphenol	n/a	<	0.37	µg/L	EPA 8270C	0.37	1			
2020/21-3	Lab	LCS	3/25/2021	Organic	4-Chloro-3-methylphenol	n/a	=	7.78	µg/L	EPA 8270C	0.37	1			
2020/21-3	Lab	LCS, rec	3/25/2021	Organic	4-Chloro-3-methylphenol	n/a	=	78	%	EPA 8270C	-88	-88	29	108	
2020/21-3	Lab	LCS dup	3/25/2021	Organic	4-Chloro-3-methylphenol	n/a	=	8.01	µg/L	EPA 8270C	0.37	1			
2020/21-3	Lab	LCS dup. rec	3/25/2021	Organic	4-Chloro-3-methylphenol	n/a	=	80	%	EPA 8270C	-88	-88	29	108	
2020/21-3	Lab	LCS, RPD	3/25/2021	Organic	4-Chloro-3-methylphenol	n/a	=	3	%	EPA 8270C	-88	-88	0	30	
2020/21-3	Lab	LCS	4/1/2021	Organic	4-Chloro-3-methylphenol	n/a	=	7.78	µg/L	EPA 625.1	0.23	1			
2020/21-3	Lab	LCS, rec	4/1/2021	Organic	4-Chloro-3-methylphenol	n/a	=	78	%	EPA 625.1	-88	-88	41	128	
2020/21-3	Lab	LCS dup	4/1/2021	Organic	4-Chloro-3-methylphenol	n/a	=	8.01	µg/L	EPA 625.1	0.23	1			
2020/21-3	Lab	LCS dup. rec	4/1/2021	Organic	4-Chloro-3-methylphenol	n/a	=	80	%	EPA 625.1	-88	-88	41	128	
2020/21-3	Lab	LCS, RPD	4/1/2021	Organic	4-Chloro-3-methylphenol	n/a	=	3	%	EPA 625.1	-88	-88	0	30	
2020/21-3	Lab	method blank	4/1/2021	Organic	4-Chloro-3-methylphenol	n/a	<	0.23	µg/L	EPA 625.1	0.23	1			
2020/21-3	Lab	LCS	4/1/2021	Organic	4-Chlorophenyl phenyl ether	n/a	=	6.98	µg/L	EPA 625.1	0.41	1			
2020/21-3	Lab	LCS, rec	4/1/2021	Organic	4-Chlorophenyl phenyl ether	n/a	=	70	%	EPA 625.1	-88	-88	38	145	
2020/21-3	Lab	LCS dup	4/1/2021	Organic	4-Chlorophenyl phenyl ether	n/a	=	7.26	µg/L	EPA 625.1	0.41	1			
2020/21-3	Lab	LCS dup. rec	4/1/2021	Organic	4-Chlorophenyl phenyl ether	n/a	=	73	%	EPA 625.1	-88	-88	38	145	
2020/21-3	Lab	LCS, RPD	4/1/2021	Organic	4-Chlorophenyl phenyl ether	n/a	=	4	%	EPA 625.1	-88	-88	0	30	
2020/21-3	Lab	method blank	4/1/2021	Organic	4-Chlorophenyl phenyl ether	n/a	<	0.41	µg/L	EPA 625.1	0.41	1			
2020/21-3	Lab	method blank	3/25/2021	Organic	4-Nitrophenol	n/a	<	1	µg/L	EPA 8270C	1	2			
2020/21-3	Lab	LCS	3/25/2021	Organic	4-Nitrophenol	n/a	=	3.88	µg/L	EPA 8270C	1	2			
2020/21-3	Lab	LCS, rec	3/25/2021	Organic	4-Nitrophenol	n/a	=	39	%	EPA 8270C	-88	-88	6	46	
2020/21-3	Lab	LCS dup	3/25/2021	Organic	4-Nitrophenol	n/a	=	3.95	µg/L	EPA 8270C	1	2			
2020/21-3	Lab	LCS dup. rec	3/25/2021	Organic	4-Nitrophenol	n/a	=	39	%	EPA 8270C	-88	-88	6	46	
2020/21-3	Lab	LCS, RPD	3/25/2021	Organic	4-Nitrophenol	n/a	=	2	%	EPA 8270C	-88	-88	0	30	
2020/21-3	Lab	LCS	4/1/2021	Organic	4-Nitrophenol	n/a	DNQ	2.78	µg/L	EPA 625.1	1.2	5			
2020/21-3	Lab	LCS, rec	4/1/2021	Organic	4-Nitrophenol	n/a	=	28	%	EPA 625.1	-88	-88	13	129	
2020/21-3	Lab	LCS dup	4/1/2021	Organic	4-Nitrophenol	n/a	DNQ	3.27	µg/L	EPA 625.1	1.2	5			
2020/21-3	Lab	LCS dup. rec	4/1/2021	Organic	4-Nitrophenol	n/a	=	33	%	EPA 625.1	-88	-88	13	129	
2020/21-3	Lab	LCS, RPD	4/1/2021	Organic	4-Nitrophenol	n/a	=	16	%	EPA 625.1	-88	-88	0	30	
2020/21-3	Lab	method blank	4/1/2021	Organic	4-Nitrophenol	n/a	<	1.2	µg/L	EPA 625.1	1.2	5			
2020/21-3	Lab	method blank	3/26/2021	Organic	Acenaphthene	n/a	<	0.028	µg/L	EPA 8270C	0.028	0.1			
2020/21-3	Lab	LCS	3/26/2021	Organic	Acenaphthene	n/a	=	6.89	µg/L	EPA 8270C	0.028	0.1			
2020/21-3	Lab	LCS, rec	3/26/2021	Organic	Acenaphthene	n/a	=	69	%	EPA 8270C	-88	-88	11	122	
2020/21-3	Lab	LCS dup	3/27/2021	Organic	Acenaphthene	n/a	=	7.19	µg/L	EPA 8270C	0.028	0.1			
2020/21-3	Lab	LCS dup. rec	3/27/2021	Organic	Acenaphthene	n/a	=	72	%	EPA 8270C	-88	-88	11	122	
2020/21-3	Lab	LCS, RPD	3/27/2021	Organic	Acenaphthene	n/a	=	4	%	EPA 8270C	-88	-88	0	30	
2020/21-3	Lab	LCS	4/1/2021	Organic	Acenaphthene	n/a	=	7.49	µg/L	EPA 625.1	0.38	1			
2020/21-3	Lab	LCS, rec	4/1/2021	Organic	Acenaphthene	n/a	=	75	%	EPA 625.1	-88	-88	60	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	
2020/21-3	Lab	LCS dup	4/1/2021	Organic	Acenaphthene	n/a	=	7.63	µg/L	EPA 625.1	0.38	1			
2020/21-3	Lab	LCS dup, rec	4/1/2021	Organic	Acenaphthene	n/a	=	76	%	EPA 625.1	-88	-88	60	132	
2020/21-3	Lab	LCS, RPD	4/1/2021	Organic	Acenaphthene	n/a	=	2	%	EPA 625.1	-88	-88	0	30	
2020/21-3	Lab	method blank	4/1/2021	Organic	Acenaphthene	n/a	<	0.38	µg/L	EPA 625.1	0.38	1			
2020/21-3	Lab	method blank	3/26/2021	Organic	Acenaphthylene	n/a	<	0.033	µg/L	EPA 8270C	0.033	0.1			
2020/21-3	Lab	LCS	3/26/2021	Organic	Acenaphthylene	n/a	=	7.64	µg/L	EPA 8270C	0.033	0.1			
2020/21-3	Lab	LCS, rec	3/26/2021	Organic	Acenaphthylene	n/a	=	76	%	EPA 8270C	-88	-88	4	135	
2020/21-3	Lab	LCS dup	3/27/2021	Organic	Acenaphthylene	n/a	=	7.96	µg/L	EPA 8270C	0.033	0.1			
2020/21-3	Lab	LCS dup, rec	3/27/2021	Organic	Acenaphthylene	n/a	=	80	%	EPA 8270C	-88	-88	4	135	
2020/21-3	Lab	LCS, RPD	3/27/2021	Organic	Acenaphthylene	n/a	=	4	%	EPA 8270C	-88	-88	0	30	
2020/21-3	Lab	LCS	4/1/2021	Organic	Acenaphthylene	n/a	=	7.34	µg/L	EPA 625.1	0.17	1			
2020/21-3	Lab	LCS, rec	4/1/2021	Organic	Acenaphthylene	n/a	=	73	%	EPA 625.1	-88	-88	54	126	
2020/21-3	Lab	LCS dup	4/1/2021	Organic	Acenaphthylene	n/a	=	7.68	µg/L	EPA 625.1	0.17	1			
2020/21-3	Lab	LCS dup, rec	4/1/2021	Organic	Acenaphthylene	n/a	=	77	%	EPA 625.1	-88	-88	54	126	
2020/21-3	Lab	LCS, RPD	4/1/2021	Organic	Acenaphthylene	n/a	=	4	%	EPA 625.1	-88	-88	0	30	
2020/21-3	Lab	method blank	4/1/2021	Organic	Acenaphthylene	n/a	<	0.17	µg/L	EPA 625.1	0.17	1			
2020/21-3	Lab	method blank	3/26/2021	Organic	Anthracene	n/a	<	0.025	µg/L	EPA 8270C	0.025	0.1			
2020/21-3	Lab	LCS	3/26/2021	Organic	Anthracene	n/a	=	8.48	µg/L	EPA 8270C	0.025	0.1			
2020/21-3	Lab	LCS, rec	3/26/2021	Organic	Anthracene	n/a	=	85	%	EPA 8270C	-88	-88	22	127	
2020/21-3	Lab	LCS dup	3/27/2021	Organic	Anthracene	n/a	=	8.56	µg/L	EPA 8270C	0.025	0.1			
2020/21-3	Lab	LCS dup, rec	3/27/2021	Organic	Anthracene	n/a	=	86	%	EPA 8270C	-88	-88	22	127	
2020/21-3	Lab	LCS, RPD	3/27/2021	Organic	Anthracene	n/a	=	0.9	%	EPA 8270C	-88	-88	0	30	
2020/21-3	Lab	LCS	4/1/2021	Organic	Anthracene	n/a	=	8.19	µg/L	EPA 625.1	0.12	1			
2020/21-3	Lab	LCS, rec	4/1/2021	Organic	Anthracene	n/a	=	82	%	EPA 625.1	-88	-88	43	120	
2020/21-3	Lab	LCS dup	4/1/2021	Organic	Anthracene	n/a	=	8.35	µg/L	EPA 625.1	0.12	1			
2020/21-3	Lab	LCS dup, rec	4/1/2021	Organic	Anthracene	n/a	=	83	%	EPA 625.1	-88	-88	43	120	
2020/21-3	Lab	LCS, RPD	4/1/2021	Organic	Anthracene	n/a	=	2	%	EPA 625.1	-88	-88	0	30	
2020/21-3	Lab	method blank	4/1/2021	Organic	Anthracene	n/a	<	0.12	µg/L	EPA 625.1	0.12	1			
2020/21-3	Lab	method blank	3/26/2021	Organic	Benz(a)anthracene	n/a	<	0.051	µg/L	EPA 8270C	0.051	0.1			
2020/21-3	Lab	LCS	3/26/2021	Organic	Benz(a)anthracene	n/a	=	11.8	µg/L	EPA 8270C	0.051	0.1			
2020/21-3	Lab	LCS, rec	3/26/2021	Organic	Benz(a)anthracene	n/a	=	118	%	EPA 8270C	-88	-88	17	131	
2020/21-3	Lab	LCS dup	3/27/2021	Organic	Benz(a)anthracene	n/a	=	11.3	µg/L	EPA 8270C	0.051	0.1			
2020/21-3	Lab	LCS dup, rec	3/27/2021	Organic	Benz(a)anthracene	n/a	=	113	%	EPA 8270C	-88	-88	17	131	
2020/21-3	Lab	LCS, RPD	3/27/2021	Organic	Benz(a)anthracene	n/a	=	5	%	EPA 8270C	-88	-88	0	30	
2020/21-3	Lab	LCS	4/1/2021	Organic	Benz(a)anthracene	n/a	=	7.06	µg/L	EPA 625.1	0.19	1			
2020/21-3	Lab	LCS, rec	4/1/2021	Organic	Benz(a)anthracene	n/a	=	71	%	EPA 625.1	-88	-88	42	133	
2020/21-3	Lab	LCS dup	4/1/2021	Organic	Benz(a)anthracene	n/a	=	7.99	µg/L	EPA 625.1	0.19	1			
2020/21-3	Lab	LCS dup, rec	4/1/2021	Organic	Benz(a)anthracene	n/a	=	80	%	EPA 625.1	-88	-88	42	133	
2020/21-3	Lab	LCS, RPD	4/1/2021	Organic	Benz(a)anthracene	n/a	=	12	%	EPA 625.1	-88	-88	0	30	
2020/21-3	Lab	method blank	4/1/2021	Organic	Benz(a)anthracene	n/a	<	0.19	µg/L	EPA 625.1	0.19	1			
2020/21-3	Lab	method blank	4/1/2021	Organic	Benzidine	n/a	<	1.4	µg/L	EPA 625.1	1.4	10			
2020/21-3	Lab	method blank	3/16/2021	Organic	Benzo(a)pyrene	n/a	<	0.02	µg/L	EPA 525.2	0.02	0.1			
2020/21-3	Lab	LCS	3/16/2021	Organic	Benzo(a)pyrene	n/a	=	5.42	µg/L	EPA 525.2	0.02	0.1			
2020/21-3	Lab	LCS, rec	3/16/2021	Organic	Benzo(a)pyrene	n/a	=	108	%	EPA 525.2	-88	-88	60	130	
2020/21-3	Lab	LCS dup	3/16/2021	Organic	Benzo(a)pyrene	n/a	=	5.25	µg/L	EPA 525.2	0.02	0.1			
2020/21-3	Lab	LCS dup, rec	3/16/2021	Organic	Benzo(a)pyrene	n/a	=	105	%	EPA 525.2	-88	-88	60	130	
2020/21-3	Lab	LCS, RPD	3/16/2021	Organic	Benzo(a)pyrene	n/a	=	3	%	EPA 525.2	-88	-88	0	30	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2020/21-3	Lab	method blank	3/22/2021	Organic	Benzo(a)pyrene	n/a	<	0.02	µg/L	EPA 525.2	0.02	0.1			
2020/21-3	Lab	LCS	3/22/2021	Organic	Benzo(a)pyrene	n/a	=	5.01	µg/L	EPA 525.2	0.02	0.1			
2020/21-3	Lab	LCS, rec	3/22/2021	Organic	Benzo(a)pyrene	n/a	=	100	%	EPA 525.2	-88	-88	60	130	
2020/21-3	Lab	LCS dup	3/22/2021	Organic	Benzo(a)pyrene	n/a	=	5.45	µg/L	EPA 525.2	0.02	0.1			
2020/21-3	Lab	LCS dup, rec	3/22/2021	Organic	Benzo(a)pyrene	n/a	=	109	%	EPA 525.2	-88	-88	60	130	
2020/21-3	Lab	LCS, RPD	3/22/2021	Organic	Benzo(a)pyrene	n/a	=	8	%	EPA 525.2	-88	-88	0	30	
2020/21-3	Lab	method blank	3/26/2021	Organic	Benzo(a)pyrene	n/a	<	0.051	µg/L	EPA 8270C	0.051	0.1			
2020/21-3	Lab	LCS	3/26/2021	Organic	Benzo(a)pyrene	n/a	=	8.6	µg/L	EPA 8270C	0.051	0.1			
2020/21-3	Lab	LCS, rec	3/26/2021	Organic	Benzo(a)pyrene	n/a	=	86	%	EPA 8270C	-88	-88	12	131	
2020/21-3	Lab	LCS dup	3/27/2021	Organic	Benzo(a)pyrene	n/a	=	8.72	µg/L	EPA 8270C	0.051	0.1			
2020/21-3	Lab	LCS dup, rec	3/27/2021	Organic	Benzo(a)pyrene	n/a	=	87	%	EPA 8270C	-88	-88	12	131	
2020/21-3	Lab	LCS, RPD	3/27/2021	Organic	Benzo(a)pyrene	n/a	=	1	%	EPA 8270C	-88	-88	0	30	
2020/21-3	Lab	LCS	4/1/2021	Organic	Benzo(a)pyrene	n/a	=	9.7	µg/L	EPA 625.1	0.39	1			
2020/21-3	Lab	LCS, rec	4/1/2021	Organic	Benzo(a)pyrene	n/a	=	97	%	EPA 625.1	-88	-88	32	148	
2020/21-3	Lab	LCS dup	4/1/2021	Organic	Benzo(a)pyrene	n/a	=	9.79	µg/L	EPA 625.1	0.39	1			
2020/21-3	Lab	LCS dup, rec	4/1/2021	Organic	Benzo(a)pyrene	n/a	=	98	%	EPA 625.1	-88	-88	32	148	
2020/21-3	Lab	LCS, RPD	4/1/2021	Organic	Benzo(a)pyrene	n/a	=	0.9	%	EPA 625.1	-88	-88	0	30	
2020/21-3	Lab	method blank	4/1/2021	Organic	Benzo(a)pyrene	n/a	<	0.39	µg/L	EPA 625.1	0.39	1			
2020/21-3	Lab	method blank	3/26/2021	Organic	Benzo(b)fluoranthene	n/a	DNQ	0.0292	µg/L	EPA 8270C	0.027	0.1			UL-IP,IP
2020/21-3	Lab	LCS	3/26/2021	Organic	Benzo(b)fluoranthene	n/a	=	8.03	µg/L	EPA 8270C	0.027	0.1			UL-IP
2020/21-3	Lab	LCS, rec	3/26/2021	Organic	Benzo(b)fluoranthene	n/a	=	80	%	EPA 8270C	-88	-88	19	129	UL-IP
2020/21-3	Lab	LCS dup	3/27/2021	Organic	Benzo(b)fluoranthene	n/a	=	8.37	µg/L	EPA 8270C	0.027	0.1			UL-IP
2020/21-3	Lab	LCS dup, rec	3/27/2021	Organic	Benzo(b)fluoranthene	n/a	=	84	%	EPA 8270C	-88	-88	19	129	UL-IP
2020/21-3	Lab	LCS, RPD	3/27/2021	Organic	Benzo(b)fluoranthene	n/a	=	4	%	EPA 8270C	-88	-88	0	30	UL-IP
2020/21-3	Lab	LCS	4/1/2021	Organic	Benzo(b)fluoranthene	n/a	=	8.87	µg/L	EPA 625.1	0.46	1			UL-IP
2020/21-3	Lab	LCS, rec	4/1/2021	Organic	Benzo(b)fluoranthene	n/a	=	89	%	EPA 625.1	-88	-88	42	140	UL-IP
2020/21-3	Lab	LCS dup	4/1/2021	Organic	Benzo(b)fluoranthene	n/a	=	8.85	µg/L	EPA 625.1	0.46	1			UL-IP
2020/21-3	Lab	LCS dup, rec	4/1/2021	Organic	Benzo(b)fluoranthene	n/a	=	89	%	EPA 625.1	-88	-88	42	140	UL-IP
2020/21-3	Lab	LCS, RPD	4/1/2021	Organic	Benzo(b)fluoranthene	n/a	=	0.2	%	EPA 625.1	-88	-88	0	30	UL-IP
2020/21-3	Lab	method blank	4/1/2021	Organic	Benzo(b)fluoranthene	n/a	<	0.46	µg/L	EPA 625.1	0.46	1			
2020/21-3	Lab	method blank	3/26/2021	Organic	Benzo(g,h,i)perylene	n/a	<	0.05	µg/L	EPA 8270C	0.05	0.1			
2020/21-3	Lab	LCS	3/26/2021	Organic	Benzo(g,h,i)perylene	n/a	=	7.6	µg/L	EPA 8270C	0.05	0.1			
2020/21-3	Lab	LCS, rec	3/26/2021	Organic	Benzo(g,h,i)perylene	n/a	=	76	%	EPA 8270C	-88	-88	14	139	
2020/21-3	Lab	LCS dup	3/27/2021	Organic	Benzo(g,h,i)perylene	n/a	=	8.07	µg/L	EPA 8270C	0.05	0.1			
2020/21-3	Lab	LCS dup, rec	3/27/2021	Organic	Benzo(g,h,i)perylene	n/a	=	81	%	EPA 8270C	-88	-88	14	139	
2020/21-3	Lab	LCS, RPD	3/27/2021	Organic	Benzo(g,h,i)perylene	n/a	=	6	%	EPA 8270C	-88	-88	0	30	
2020/21-3	Lab	LCS	4/1/2021	Organic	Benzo(g,h,i)perylene	n/a	=	8.12	µg/L	EPA 625.1	0.42	2			
2020/21-3	Lab	LCS, rec	4/1/2021	Organic	Benzo(g,h,i)perylene	n/a	=	81	%	EPA 625.1	-88	-88	0.1	195	
2020/21-3	Lab	LCS dup	4/1/2021	Organic	Benzo(g,h,i)perylene	n/a	=	7.94	µg/L	EPA 625.1	0.42	2			
2020/21-3	Lab	LCS dup, rec	4/1/2021	Organic	Benzo(g,h,i)perylene	n/a	=	79	%	EPA 625.1	-88	-88	0.1	195	
2020/21-3	Lab	LCS, RPD	4/1/2021	Organic	Benzo(g,h,i)perylene	n/a	=	2	%	EPA 625.1	-88	-88	0	30	
2020/21-3	Lab	method blank	4/1/2021	Organic	Benzo(g,h,i)perylene	n/a	<	0.42	µg/L	EPA 625.1	0.42	2			
2020/21-3	Lab	method blank	3/26/2021	Organic	Benzo(k)fluoranthene	n/a	DNQ	0.0284	µg/L	EPA 8270C	0.026	0.1			UL-IP,IP
2020/21-3	Lab	LCS	3/26/2021	Organic	Benzo(k)fluoranthene	n/a	=	8.48	µg/L	EPA 8270C	0.026	0.1			UL-IP
2020/21-3	Lab	LCS, rec	3/26/2021	Organic	Benzo(k)fluoranthene	n/a	=	85	%	EPA 8270C	-88	-88	22	127	UL-IP
2020/21-3	Lab	LCS dup	3/27/2021	Organic	Benzo(k)fluoranthene	n/a	=	8.57	µg/L	EPA 8270C	0.026	0.1			UL-IP
2020/21-3	Lab	LCS dup, rec	3/27/2021	Organic	Benzo(k)fluoranthene	n/a	=	86	%	EPA 8270C	-88	-88	22	127	UL-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	
2020/21-3	Lab	LCS, RPD	3/27/2021	Organic	Benzo(k)fluoranthene	n/a	=	1	%	EPA 8270C	-88	-88	0	30	UL-IP
2020/21-3	Lab	LCS	4/1/2021	Organic	Benzo(k)fluoranthene	n/a	=	10.3	µg/L	EPA 625.1	0.22	1			UL-IP
2020/21-3	Lab	LCS, rec	4/1/2021	Organic	Benzo(k)fluoranthene	n/a	=	103	%	EPA 625.1	-88	-88	25	146	UL-IP
2020/21-3	Lab	LCS dup	4/1/2021	Organic	Benzo(k)fluoranthene	n/a	=	9.55	µg/L	EPA 625.1	0.22	1			UL-IP
2020/21-3	Lab	LCS dup, rec	4/1/2021	Organic	Benzo(k)fluoranthene	n/a	=	95	%	EPA 625.1	-88	-88	25	146	UL-IP
2020/21-3	Lab	LCS, RPD	4/1/2021	Organic	Benzo(k)fluoranthene	n/a	=	8	%	EPA 625.1	-88	-88	0	30	UL-IP
2020/21-3	Lab	method blank	4/1/2021	Organic	Benzo(k)fluoranthene	n/a	<	0.22	µg/L	EPA 625.1	0.22	1			
2020/21-3	Lab	LCS	4/1/2021	Organic	Bis(2-chloroethoxy)methane	n/a	=	7.29	µg/L	EPA 625.1	0.25	1			
2020/21-3	Lab	LCS, rec	4/1/2021	Organic	Bis(2-chloroethoxy)methane	n/a	=	73	%	EPA 625.1	-88	-88	49	165	
2020/21-3	Lab	LCS dup	4/1/2021	Organic	Bis(2-chloroethoxy)methane	n/a	=	7.62	µg/L	EPA 625.1	0.25	1			
2020/21-3	Lab	LCS dup, rec	4/1/2021	Organic	Bis(2-chloroethoxy)methane	n/a	=	76	%	EPA 625.1	-88	-88	49	165	
2020/21-3	Lab	LCS, RPD	4/1/2021	Organic	Bis(2-chloroethoxy)methane	n/a	=	4	%	EPA 625.1	-88	-88	0	30	
2020/21-3	Lab	method blank	4/1/2021	Organic	Bis(2-chloroethoxy)methane	n/a	<	0.25	µg/L	EPA 625.1	0.25	1			
2020/21-3	Lab	LCS	4/1/2021	Organic	Bis(2-chloroethyl)ether	n/a	=	6.92	µg/L	EPA 625.1	0.27	1			
2020/21-3	Lab	LCS, rec	4/1/2021	Organic	Bis(2-chloroethyl)ether	n/a	=	69	%	EPA 625.1	-88	-88	43	126	
2020/21-3	Lab	LCS dup	4/1/2021	Organic	Bis(2-chloroethyl)ether	n/a	=	7.08	µg/L	EPA 625.1	0.27	1			
2020/21-3	Lab	LCS dup, rec	4/1/2021	Organic	Bis(2-chloroethyl)ether	n/a	=	71	%	EPA 625.1	-88	-88	43	126	
2020/21-3	Lab	LCS, RPD	4/1/2021	Organic	Bis(2-chloroethyl)ether	n/a	=	2	%	EPA 625.1	-88	-88	0	30	
2020/21-3	Lab	method blank	4/1/2021	Organic	Bis(2-chloroethyl)ether	n/a	<	0.27	µg/L	EPA 625.1	0.27	1			
2020/21-3	Lab	LCS	4/1/2021	Organic	Bis(2-chloroisopropyl)ether	n/a	=	6.91	µg/L	EPA 625.1	0.38	1			
2020/21-3	Lab	LCS, rec	4/1/2021	Organic	Bis(2-chloroisopropyl)ether	n/a	=	69	%	EPA 625.1	-88	-88	63	139	
2020/21-3	Lab	LCS dup	4/1/2021	Organic	Bis(2-chloroisopropyl)ether	n/a	=	7.22	µg/L	EPA 625.1	0.38	1			
2020/21-3	Lab	LCS dup, rec	4/1/2021	Organic	Bis(2-chloroisopropyl)ether	n/a	=	72	%	EPA 625.1	-88	-88	63	139	
2020/21-3	Lab	LCS, RPD	4/1/2021	Organic	Bis(2-chloroisopropyl)ether	n/a	=	4	%	EPA 625.1	-88	-88	0	30	
2020/21-3	Lab	method blank	4/1/2021	Organic	Bis(2-chloroisopropyl)ether	n/a	<	0.38	µg/L	EPA 625.1	0.38	1			
2020/21-3	Lab	method blank	3/16/2021	Organic	Bis(2-ethylhexyl)adipate	n/a	DNQ	0.477	µg/L	EPA 525.2	0.12	5			IP
2020/21-3	Lab	LCS	3/16/2021	Organic	Bis(2-ethylhexyl)adipate	n/a	=	6.44	µg/L	EPA 525.2	0.12	5			
2020/21-3	Lab	LCS, rec	3/16/2021	Organic	Bis(2-ethylhexyl)adipate	n/a	=	129	%	EPA 525.2	-88	-88	70	130	
2020/21-3	Lab	LCS dup	3/16/2021	Organic	Bis(2-ethylhexyl)adipate	n/a	=	6.74	µg/L	EPA 525.2	0.12	5			EUM
2020/21-3	Lab	LCS dup, rec	3/16/2021	Organic	Bis(2-ethylhexyl)adipate	n/a	=	135	%	EPA 525.2	-88	-88	70	130	EUM
2020/21-3	Lab	LCS, RPD	3/16/2021	Organic	Bis(2-ethylhexyl)adipate	n/a	=	4	%	EPA 525.2	-88	-88	0	30	
2020/21-3	Lab	method blank	3/22/2021	Organic	Bis(2-ethylhexyl)adipate	n/a	DNQ	0.385	µg/L	EPA 525.2	0.12	5			IP
2020/21-3	Lab	LCS	3/22/2021	Organic	Bis(2-ethylhexyl)adipate	n/a	=	6.22	µg/L	EPA 525.2	0.12	5			
2020/21-3	Lab	LCS, rec	3/22/2021	Organic	Bis(2-ethylhexyl)adipate	n/a	=	124	%	EPA 525.2	-88	-88	70	130	
2020/21-3	Lab	LCS dup	3/22/2021	Organic	Bis(2-ethylhexyl)adipate	n/a	=	6.09	µg/L	EPA 525.2	0.12	5			
2020/21-3	Lab	LCS dup, rec	3/22/2021	Organic	Bis(2-ethylhexyl)adipate	n/a	=	122	%	EPA 525.2	-88	-88	70	130	
2020/21-3	Lab	LCS, RPD	3/22/2021	Organic	Bis(2-ethylhexyl)adipate	n/a	=	2	%	EPA 525.2	-88	-88	0	30	
2020/21-3	Lab	method blank	3/16/2021	Organic	Bis(2-ethylhexyl)phthalate	n/a	DNQ	0.412	µg/L	EPA 525.2	0.41	3			IP
2020/21-3	Lab	LCS	3/16/2021	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	6.17	µg/L	EPA 525.2	0.41	3			
2020/21-3	Lab	LCS, rec	3/16/2021	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	123	%	EPA 525.2	-88	-88	70	130	
2020/21-3	Lab	LCS dup	3/16/2021	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	6.02	µg/L	EPA 525.2	0.41	3			
2020/21-3	Lab	LCS dup, rec	3/16/2021	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	120	%	EPA 525.2	-88	-88	70	130	
2020/21-3	Lab	LCS, RPD	3/16/2021	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	2	%	EPA 525.2	-88	-88	0	30	
2020/21-3	Lab	method blank	3/22/2021	Organic	Bis(2-ethylhexyl)phthalate	n/a	DNQ	0.481	µg/L	EPA 525.2	0.41	3			IP
2020/21-3	Lab	LCS	3/22/2021	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	5.74	µg/L	EPA 525.2	0.41	3			
2020/21-3	Lab	LCS, rec	3/22/2021	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	115	%	EPA 525.2	-88	-88	70	130	
2020/21-3	Lab	LCS dup	3/22/2021	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	5.67	µg/L	EPA 525.2	0.41	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	
2020/21-3	Lab	LCS dup, rec	3/22/2021	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	113	%	EPA 525.2	-88	-88	70	130	
2020/21-3	Lab	LCS, RPD	3/22/2021	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	1	%	EPA 525.2	-88	-88	0	30	
2020/21-3	Lab	LCS	4/1/2021	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	7.77	µg/L	EPA 625.1	2.3	5			
2020/21-3	Lab	LCS, rec	4/1/2021	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	78	%	EPA 625.1	-88	-88	29	137	
2020/21-3	Lab	LCS dup	4/1/2021	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	8.98	µg/L	EPA 625.1	2.3	5			
2020/21-3	Lab	LCS dup, rec	4/1/2021	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	90	%	EPA 625.1	-88	-88	29	137	
2020/21-3	Lab	LCS, RPD	4/1/2021	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	14	%	EPA 625.1	-88	-88	0	30	
2020/21-3	Lab	method blank	4/1/2021	Organic	Bis(2-ethylhexyl)phthalate	n/a	<	2.3	µg/L	EPA 625.1	2.3	5			
2020/21-3	Lab	LCS	4/1/2021	Organic	Butyl benzyl phthalate	n/a	=	7.77	µg/L	EPA 625.1	0.18	1			
2020/21-3	Lab	LCS, rec	4/1/2021	Organic	Butyl benzyl phthalate	n/a	=	78	%	EPA 625.1	-88	-88	0.1	140	
2020/21-3	Lab	LCS dup	4/1/2021	Organic	Butyl benzyl phthalate	n/a	=	9.07	µg/L	EPA 625.1	0.18	1			
2020/21-3	Lab	LCS dup, rec	4/1/2021	Organic	Butyl benzyl phthalate	n/a	=	91	%	EPA 625.1	-88	-88	0.1	140	
2020/21-3	Lab	LCS, RPD	4/1/2021	Organic	Butyl benzyl phthalate	n/a	=	15	%	EPA 625.1	-88	-88	0	30	
2020/21-3	Lab	method blank	4/1/2021	Organic	Butyl benzyl phthalate	n/a	<	0.18	µg/L	EPA 625.1	0.18	1			
2020/21-3	Lab	method blank	3/26/2021	Organic	Chrysene	n/a	<	0.032	µg/L	EPA 8270C	0.032	0.1			
2020/21-3	Lab	LCS	3/26/2021	Organic	Chrysene	n/a	=	7.12	µg/L	EPA 8270C	0.032	0.1			
2020/21-3	Lab	LCS, rec	3/26/2021	Organic	Chrysene	n/a	=	71	%	EPA 8270C	-88	-88	32	126	
2020/21-3	Lab	LCS dup	3/27/2021	Organic	Chrysene	n/a	=	7.36	µg/L	EPA 8270C	0.032	0.1			
2020/21-3	Lab	LCS dup, rec	3/27/2021	Organic	Chrysene	n/a	=	74	%	EPA 8270C	-88	-88	32	126	
2020/21-3	Lab	LCS, RPD	3/27/2021	Organic	Chrysene	n/a	=	3	%	EPA 8270C	-88	-88	0	30	
2020/21-3	Lab	LCS	4/1/2021	Organic	Chrysene	n/a	=	8.6	µg/L	EPA 625.1	0.19	1			
2020/21-3	Lab	LCS, rec	4/1/2021	Organic	Chrysene	n/a	=	86	%	EPA 625.1	-88	-88	44	140	
2020/21-3	Lab	LCS dup	4/1/2021	Organic	Chrysene	n/a	=	8.58	µg/L	EPA 625.1	0.19	1			
2020/21-3	Lab	LCS dup, rec	4/1/2021	Organic	Chrysene	n/a	=	86	%	EPA 625.1	-88	-88	44	140	
2020/21-3	Lab	LCS, RPD	4/1/2021	Organic	Chrysene	n/a	=	0.3	%	EPA 625.1	-88	-88	0	30	
2020/21-3	Lab	method blank	4/1/2021	Organic	Chrysene	n/a	<	0.19	µg/L	EPA 625.1	0.19	1			
2020/21-3	Lab	method blank	3/26/2021	Organic	Dibenz(a,h)anthracene	n/a	<	0.096	µg/L	EPA 8270C	0.096	0.1			
2020/21-3	Lab	LCS	3/26/2021	Organic	Dibenz(a,h)anthracene	n/a	=	8.63	µg/L	EPA 8270C	0.096	0.1			
2020/21-3	Lab	LCS, rec	3/26/2021	Organic	Dibenz(a,h)anthracene	n/a	=	86	%	EPA 8270C	-88	-88	9	147	
2020/21-3	Lab	LCS dup	3/27/2021	Organic	Dibenz(a,h)anthracene	n/a	=	9.04	µg/L	EPA 8270C	0.096	0.1			
2020/21-3	Lab	LCS dup, rec	3/27/2021	Organic	Dibenz(a,h)anthracene	n/a	=	90	%	EPA 8270C	-88	-88	9	147	
2020/21-3	Lab	LCS, RPD	3/27/2021	Organic	Dibenz(a,h)anthracene	n/a	=	5	%	EPA 8270C	-88	-88	0	30	
2020/21-3	Lab	LCS	4/1/2021	Organic	Dibenz(a,h)anthracene	n/a	=	7.91	µg/L	EPA 625.1	0.53	2			
2020/21-3	Lab	LCS, rec	4/1/2021	Organic	Dibenz(a,h)anthracene	n/a	=	79	%	EPA 625.1	-88	-88	0.1	200	
2020/21-3	Lab	LCS dup	4/1/2021	Organic	Dibenz(a,h)anthracene	n/a	=	7.69	µg/L	EPA 625.1	0.53	2			
2020/21-3	Lab	LCS dup, rec	4/1/2021	Organic	Dibenz(a,h)anthracene	n/a	=	77	%	EPA 625.1	-88	-88	0.1	200	
2020/21-3	Lab	LCS, RPD	4/1/2021	Organic	Dibenz(a,h)anthracene	n/a	=	3	%	EPA 625.1	-88	-88	0	30	
2020/21-3	Lab	method blank	4/1/2021	Organic	Dibenz(a,h)anthracene	n/a	<	0.53	µg/L	EPA 625.1	0.53	2			
2020/21-3	Lab	LCS	4/1/2021	Organic	Diethyl phthalate	n/a	=	8.07	µg/L	EPA 625.1	0.15	1			
2020/21-3	Lab	LCS, rec	4/1/2021	Organic	Diethyl phthalate	n/a	=	81	%	EPA 625.1	-88	-88	0.1	120	
2020/21-3	Lab	LCS dup	4/1/2021	Organic	Diethyl phthalate	n/a	=	8.04	µg/L	EPA 625.1	0.15	1			
2020/21-3	Lab	LCS dup, rec	4/1/2021	Organic	Diethyl phthalate	n/a	=	80	%	EPA 625.1	-88	-88	0.1	120	
2020/21-3	Lab	LCS, RPD	4/1/2021	Organic	Diethyl phthalate	n/a	=	0.3	%	EPA 625.1	-88	-88	0	30	
2020/21-3	Lab	method blank	4/1/2021	Organic	Diethyl phthalate	n/a	<	0.15	µg/L	EPA 625.1	0.15	1			
2020/21-3	Lab	LCS	4/1/2021	Organic	Dimethyl phthalate	n/a	=	7.45	µg/L	EPA 625.1	0.18	1			
2020/21-3	Lab	LCS, rec	4/1/2021	Organic	Dimethyl phthalate	n/a	=	74	%	EPA 625.1	-88	-88	0.1	120	
2020/21-3	Lab	LCS dup	4/1/2021	Organic	Dimethyl phthalate	n/a	=	7.65	µg/L	EPA 625.1	0.18	1			

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2020/21-3	Lab	LCS dup. rec	4/1/2021	Organic	Dimethyl phthalate	n/a	=	77	%	EPA 625.1	-88	-88	0.1	120	
2020/21-3	Lab	LCS, RPD	4/1/2021	Organic	Dimethyl phthalate	n/a	=	3	%	EPA 625.1	-88	-88	0	30	
2020/21-3	Lab	method blank	4/1/2021	Organic	Dimethyl phthalate	n/a	<	0.18	µg/L	EPA 625.1	0.18	1			
2020/21-3	Lab	LCS	4/1/2021	Organic	Di-n-butylphthalate	n/a	=	9.44	µg/L	EPA 625.1	0.1	1			
2020/21-3	Lab	LCS, rec	4/1/2021	Organic	Di-n-butylphthalate	n/a	=	94	%	EPA 625.1	-88	-88	8	120	
2020/21-3	Lab	LCS dup	4/1/2021	Organic	Di-n-butylphthalate	n/a	=	9.67	µg/L	EPA 625.1	0.1	1			
2020/21-3	Lab	LCS dup. rec	4/1/2021	Organic	Di-n-butylphthalate	n/a	=	97	%	EPA 625.1	-88	-88	8	120	
2020/21-3	Lab	LCS, RPD	4/1/2021	Organic	Di-n-butylphthalate	n/a	=	2	%	EPA 625.1	-88	-88	0	30	
2020/21-3	Lab	method blank	4/1/2021	Organic	Di-n-butylphthalate	n/a	<	0.1	µg/L	EPA 625.1	0.1	1			
2020/21-3	Lab	LCS	4/1/2021	Organic	Di-n-octylphthalate	n/a	=	8.38	µg/L	EPA 625.1	0.46	1			
2020/21-3	Lab	LCS, rec	4/1/2021	Organic	Di-n-octylphthalate	n/a	=	84	%	EPA 625.1	-88	-88	19	132	
2020/21-3	Lab	LCS dup	4/1/2021	Organic	Di-n-octylphthalate	n/a	=	8.91	µg/L	EPA 625.1	0.46	1			
2020/21-3	Lab	LCS dup. rec	4/1/2021	Organic	Di-n-octylphthalate	n/a	=	89	%	EPA 625.1	-88	-88	19	132	
2020/21-3	Lab	LCS, RPD	4/1/2021	Organic	Di-n-octylphthalate	n/a	=	6	%	EPA 625.1	-88	-88	0	30	
2020/21-3	Lab	method blank	4/1/2021	Organic	Di-n-octylphthalate	n/a	<	0.46	µg/L	EPA 625.1	0.46	1			
2020/21-3	Lab	method blank	3/26/2021	Organic	Fluoranthene	n/a	<	0.039	µg/L	EPA 8270C	0.039	0.1			
2020/21-3	Lab	LCS	3/26/2021	Organic	Fluoranthene	n/a	=	10.2	µg/L	EPA 8270C	0.039	0.1			
2020/21-3	Lab	LCS, rec	3/26/2021	Organic	Fluoranthene	n/a	=	102	%	EPA 8270C	-88	-88	22	131	
2020/21-3	Lab	LCS dup	3/27/2021	Organic	Fluoranthene	n/a	=	10.2	µg/L	EPA 8270C	0.039	0.1			
2020/21-3	Lab	LCS dup. rec	3/27/2021	Organic	Fluoranthene	n/a	=	102	%	EPA 8270C	-88	-88	22	131	
2020/21-3	Lab	LCS, RPD	3/27/2021	Organic	Fluoranthene	n/a	=	0.3	%	EPA 8270C	-88	-88	0	30	
2020/21-3	Lab	LCS	4/1/2021	Organic	Fluoranthene	n/a	=	7.88	µg/L	EPA 625.1	0.08	1			
2020/21-3	Lab	LCS, rec	4/1/2021	Organic	Fluoranthene	n/a	=	79	%	EPA 625.1	-88	-88	43	121	
2020/21-3	Lab	LCS dup	4/1/2021	Organic	Fluoranthene	n/a	=	8.67	µg/L	EPA 625.1	0.08	1			
2020/21-3	Lab	LCS dup. rec	4/1/2021	Organic	Fluoranthene	n/a	=	87	%	EPA 625.1	-88	-88	43	121	
2020/21-3	Lab	LCS, RPD	4/1/2021	Organic	Fluoranthene	n/a	=	10	%	EPA 625.1	-88	-88	0	30	
2020/21-3	Lab	method blank	4/1/2021	Organic	Fluoranthene	n/a	<	0.08	µg/L	EPA 625.1	0.08	1			
2020/21-3	Lab	method blank	3/26/2021	Organic	Fluorene	n/a	<	0.029	µg/L	EPA 8270C	0.029	0.1			
2020/21-3	Lab	LCS	3/26/2021	Organic	Fluorene	n/a	=	7.9	µg/L	EPA 8270C	0.029	0.1			
2020/21-3	Lab	LCS, rec	3/26/2021	Organic	Fluorene	n/a	=	79	%	EPA 8270C	-88	-88	19	122	
2020/21-3	Lab	LCS dup	3/27/2021	Organic	Fluorene	n/a	=	8.15	µg/L	EPA 8270C	0.029	0.1			
2020/21-3	Lab	LCS dup. rec	3/27/2021	Organic	Fluorene	n/a	=	82	%	EPA 8270C	-88	-88	19	122	
2020/21-3	Lab	LCS, RPD	3/27/2021	Organic	Fluorene	n/a	=	3	%	EPA 8270C	-88	-88	0	30	
2020/21-3	Lab	LCS	4/1/2021	Organic	Fluorene	n/a	=	7.76	µg/L	EPA 625.1	0.35	1			
2020/21-3	Lab	LCS, rec	4/1/2021	Organic	Fluorene	n/a	=	78	%	EPA 625.1	-88	-88	70	120	
2020/21-3	Lab	LCS dup	4/1/2021	Organic	Fluorene	n/a	=	8.01	µg/L	EPA 625.1	0.35	1			
2020/21-3	Lab	LCS dup. rec	4/1/2021	Organic	Fluorene	n/a	=	80	%	EPA 625.1	-88	-88	70	120	
2020/21-3	Lab	LCS, RPD	4/1/2021	Organic	Fluorene	n/a	=	3	%	EPA 625.1	-88	-88	0	30	
2020/21-3	Lab	method blank	4/1/2021	Organic	Fluorene	n/a	<	0.35	µg/L	EPA 625.1	0.35	1			
2020/21-3	Lab	LCS	4/1/2021	Organic	Hexachlorobenzene	n/a	=	6.54	µg/L	EPA 625.1	0.49	1			
2020/21-3	Lab	LCS, rec	4/1/2021	Organic	Hexachlorobenzene	n/a	=	65	%	EPA 625.1	-88	-88	8	142	
2020/21-3	Lab	LCS dup	4/1/2021	Organic	Hexachlorobenzene	n/a	=	6.77	µg/L	EPA 625.1	0.49	1			
2020/21-3	Lab	LCS dup. rec	4/1/2021	Organic	Hexachlorobenzene	n/a	=	68	%	EPA 625.1	-88	-88	8	142	
2020/21-3	Lab	LCS, RPD	4/1/2021	Organic	Hexachlorobenzene	n/a	=	4	%	EPA 625.1	-88	-88	0	30	
2020/21-3	Lab	method blank	4/1/2021	Organic	Hexachlorobenzene	n/a	<	0.49	µg/L	EPA 625.1	0.49	1			
2020/21-3	Lab	LCS	4/1/2021	Organic	Hexachlorobutadiene	n/a	=	7.8	µg/L	EPA 625.1	0.47	1			
2020/21-3	Lab	LCS, rec	4/1/2021	Organic	Hexachlorobutadiene	n/a	=	78	%	EPA 625.1	-88	-88	38	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	
2020/21-3	Lab	LCS dup	4/1/2021	Organic	Hexachlorobutadiene	n/a	=	8.19	µg/L	EPA 625.1	0.47	1			
2020/21-3	Lab	LCS dup, rec	4/1/2021	Organic	Hexachlorobutadiene	n/a	=	82	%	EPA 625.1	-88	-88	38	120	
2020/21-3	Lab	LCS, RPD	4/1/2021	Organic	Hexachlorobutadiene	n/a	=	5	%	EPA 625.1	-88	-88	0	30	
2020/21-3	Lab	method blank	4/1/2021	Organic	Hexachlorobutadiene	n/a	<	0.47	µg/L	EPA 625.1	0.47	1			
2020/21-3	Lab	LCS	4/1/2021	Organic	Hexachlorocyclopentadiene	n/a	DNQ	4.79	µg/L	EPA 625.1	0.98	5			
2020/21-3	Lab	LCS, rec	4/1/2021	Organic	Hexachlorocyclopentadiene	n/a	=	48	%	EPA 625.1	-88	-88	10	120	
2020/21-3	Lab	LCS dup	4/1/2021	Organic	Hexachlorocyclopentadiene	n/a	DNQ	4.99	µg/L	EPA 625.1	0.98	5			
2020/21-3	Lab	LCS dup, rec	4/1/2021	Organic	Hexachlorocyclopentadiene	n/a	=	50	%	EPA 625.1	-88	-88	10	120	
2020/21-3	Lab	LCS, RPD	4/1/2021	Organic	Hexachlorocyclopentadiene	n/a	=	4	%	EPA 625.1	-88	-88	0	30	
2020/21-3	Lab	method blank	4/1/2021	Organic	Hexachlorocyclopentadiene	n/a	<	0.98	µg/L	EPA 625.1	0.98	5			
2020/21-3	Lab	LCS	4/1/2021	Organic	Hexachloroethane	n/a	=	7.13	µg/L	EPA 625.1	0.5	1			
2020/21-3	Lab	LCS, rec	4/1/2021	Organic	Hexachloroethane	n/a	=	71	%	EPA 625.1	-88	-88	55	120	
2020/21-3	Lab	LCS dup	4/1/2021	Organic	Hexachloroethane	n/a	=	7.3	µg/L	EPA 625.1	0.5	1			
2020/21-3	Lab	LCS dup, rec	4/1/2021	Organic	Hexachloroethane	n/a	=	73	%	EPA 625.1	-88	-88	55	120	
2020/21-3	Lab	LCS, RPD	4/1/2021	Organic	Hexachloroethane	n/a	=	2	%	EPA 625.1	-88	-88	0	30	
2020/21-3	Lab	method blank	4/1/2021	Organic	Hexachloroethane	n/a	<	0.5	µg/L	EPA 625.1	0.5	1			
2020/21-3	Lab	method blank	3/26/2021	Organic	Indeno(1,2,3-cd)pyrene	n/a	<	0.065	µg/L	EPA 8270C	0.065	0.1			
2020/21-3	Lab	LCS	3/26/2021	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	8.35	µg/L	EPA 8270C	0.065	0.1			
2020/21-3	Lab	LCS, rec	3/26/2021	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	83	%	EPA 8270C	-88	-88	12	136	
2020/21-3	Lab	LCS dup	3/27/2021	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	8.79	µg/L	EPA 8270C	0.065	0.1			
2020/21-3	Lab	LCS dup, rec	3/27/2021	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	88	%	EPA 8270C	-88	-88	12	136	
2020/21-3	Lab	LCS, RPD	3/27/2021	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	5	%	EPA 8270C	-88	-88	0	30	
2020/21-3	Lab	LCS	4/1/2021	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	8.63	µg/L	EPA 625.1	0.55	2			
2020/21-3	Lab	LCS, rec	4/1/2021	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	86	%	EPA 625.1	-88	-88	0.1	151	
2020/21-3	Lab	LCS dup	4/1/2021	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	8.39	µg/L	EPA 625.1	0.55	2			
2020/21-3	Lab	LCS dup, rec	4/1/2021	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	84	%	EPA 625.1	-88	-88	0.1	151	
2020/21-3	Lab	LCS, RPD	4/1/2021	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	3	%	EPA 625.1	-88	-88	0	30	
2020/21-3	Lab	method blank	4/1/2021	Organic	Indeno(1,2,3-cd)pyrene	n/a	<	0.55	µg/L	EPA 625.1	0.55	2			
2020/21-3	Lab	LCS	4/1/2021	Organic	Isophorone	n/a	=	6.9	µg/L	EPA 625.1	0.21	1			
2020/21-3	Lab	LCS, rec	4/1/2021	Organic	Isophorone	n/a	=	69	%	EPA 625.1	-88	-88	47	180	
2020/21-3	Lab	LCS dup	4/1/2021	Organic	Isophorone	n/a	=	7.23	µg/L	EPA 625.1	0.21	1			
2020/21-3	Lab	LCS dup, rec	4/1/2021	Organic	Isophorone	n/a	=	72	%	EPA 625.1	-88	-88	47	180	
2020/21-3	Lab	LCS, RPD	4/1/2021	Organic	Isophorone	n/a	=	5	%	EPA 625.1	-88	-88	0	30	
2020/21-3	Lab	method blank	4/1/2021	Organic	Isophorone	n/a	<	0.21	µg/L	EPA 625.1	0.21	1			
2020/21-3	Lab	method blank	3/22/2021	Organic	Naphthalene	n/a	<	0.14	µg/L	EPA 525.2	0.14	0.5			
2020/21-3	Lab	LCS	3/22/2021	Organic	Naphthalene	n/a	=	4.07	µg/L	EPA 525.2	0.14	0.5			
2020/21-3	Lab	LCS, rec	3/22/2021	Organic	Naphthalene	n/a	=	81	%	EPA 525.2	-88	-88	75	116	
2020/21-3	Lab	LCS dup	3/22/2021	Organic	Naphthalene	n/a	=	4.63	µg/L	EPA 525.2	0.14	0.5			
2020/21-3	Lab	LCS dup, rec	3/22/2021	Organic	Naphthalene	n/a	=	93	%	EPA 525.2	-88	-88	75	116	
2020/21-3	Lab	LCS, RPD	3/22/2021	Organic	Naphthalene	n/a	=	13	%	EPA 525.2	-88	-88	0	30	
2020/21-3	Lab	method blank	3/26/2021	Organic	Naphthalene	n/a	<	0.026	µg/L	EPA 8270C	0.026	0.1			
2020/21-3	Lab	LCS	3/26/2021	Organic	Naphthalene	n/a	=	6.98	µg/L	EPA 8270C	0.026	0.1			
2020/21-3	Lab	LCS, rec	3/26/2021	Organic	Naphthalene	n/a	=	70	%	EPA 8270C	-88	-88	12	136	
2020/21-3	Lab	LCS dup	3/27/2021	Organic	Naphthalene	n/a	=	7.34	µg/L	EPA 8270C	0.026	0.1			
2020/21-3	Lab	LCS dup, rec	3/27/2021	Organic	Naphthalene	n/a	=	73	%	EPA 8270C	-88	-88	12	136	
2020/21-3	Lab	LCS, RPD	3/27/2021	Organic	Naphthalene	n/a	=	5	%	EPA 8270C	-88	-88	0	30	
2020/21-3	Lab	LCS	4/1/2021	Organic	Naphthalene	n/a	=	7.3	µg/L	EPA 625.1	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	
2020/21-3	Lab	LCS, rec	4/1/2021	Organic	Naphthalene	n/a	=	73	%	EPA 625.1	-88	-88	36	120	
2020/21-3	Lab	LCS dup	4/1/2021	Organic	Naphthalene	n/a	=	7.58	µg/L	EPA 625.1	0.49	1			
2020/21-3	Lab	LCS dup, rec	4/1/2021	Organic	Naphthalene	n/a	=	76	%	EPA 625.1	-88	-88	36	120	
2020/21-3	Lab	LCS, RPD	4/1/2021	Organic	Naphthalene	n/a	=	4	%	EPA 625.1	-88	-88	0	30	
2020/21-3	Lab	method blank	4/1/2021	Organic	Naphthalene	n/a	<	0.49	µg/L	EPA 625.1	0.49	1			
2020/21-3	Lab	LCS	4/1/2021	Organic	Nitrobenzene	n/a	=	7.18	µg/L	EPA 625.1	0.36	1			
2020/21-3	Lab	LCS, rec	4/1/2021	Organic	Nitrobenzene	n/a	=	72	%	EPA 625.1	-88	-88	54	158	
2020/21-3	Lab	LCS dup	4/1/2021	Organic	Nitrobenzene	n/a	=	7.39	µg/L	EPA 625.1	0.36	1			
2020/21-3	Lab	LCS dup, rec	4/1/2021	Organic	Nitrobenzene	n/a	=	74	%	EPA 625.1	-88	-88	54	158	
2020/21-3	Lab	LCS, RPD	4/1/2021	Organic	Nitrobenzene	n/a	=	3	%	EPA 625.1	-88	-88	0	30	
2020/21-3	Lab	method blank	4/1/2021	Organic	Nitrobenzene	n/a	<	0.36	µg/L	EPA 625.1	0.36	1			
2020/21-3	Lab	srgt method blank	3/26/2021	Organic	Nitrobenzene-d5	n/a	=	3.29	µg/L	EPA 8270C	-88	-88			
2020/21-3	Lab	srgt method blank, rec	3/26/2021	Organic	Nitrobenzene-d5	n/a	=	66	%	EPA 8270C	-88	-88	51	143	
2020/21-3	Lab	srgt LCS	3/26/2021	Organic	Nitrobenzene-d5	n/a	=	3.47	µg/L	EPA 8270C	-88	-88			
2020/21-3	Lab	srgt LCS, rec	3/26/2021	Organic	Nitrobenzene-d5	n/a	=	69	%	EPA 8270C	-88	-88	51	143	
2020/21-3	Lab	srgt LCS dup	3/27/2021	Organic	Nitrobenzene-d5	n/a	=	3.75	µg/L	EPA 8270C	-88	-88			
2020/21-3	Lab	srgt LCS dup, rec	3/27/2021	Organic	Nitrobenzene-d5	n/a	=	75	%	EPA 8270C	-88	-88	51	143	
2020/21-3	Lab	srgt LCS	4/1/2021	Organic	Nitrobenzene-d5	n/a	=	3.49	µg/L	EPA 625.1	-88	-88			
2020/21-3	Lab	srgt LCS, rec	4/1/2021	Organic	Nitrobenzene-d5	n/a	=	70	%	EPA 625.1	-88	-88	47	120	
2020/21-3	Lab	srgt LCS dup	4/1/2021	Organic	Nitrobenzene-d5	n/a	=	3.7	µg/L	EPA 625.1	-88	-88			
2020/21-3	Lab	srgt LCS dup, rec	4/1/2021	Organic	Nitrobenzene-d5	n/a	=	74	%	EPA 625.1	-88	-88	47	120	
2020/21-3	Lab	srgt method blank	4/1/2021	Organic	Nitrobenzene-d5	n/a	=	3.53	µg/L	EPA 625.1	-88	-88			
2020/21-3	Lab	srgt method blank, rec	4/1/2021	Organic	Nitrobenzene-d5	n/a	=	71	%	EPA 625.1	-88	-88	47	120	
2020/21-3	ME-CC	srgt environ	3/27/2021	Organic	Nitrobenzene-d5	n/a	=	33.4	µg/L	EPA 8270C	-88	-88			
2020/21-3	ME-CC	srgt environ, rec	3/27/2021	Organic	Nitrobenzene-d5	n/a	=	67	%	EPA 8270C	-88	-88	51	143	
2020/21-3	ME-CC	srgt environ	4/1/2021	Organic	Nitrobenzene-d5	n/a	=	33.5	µg/L	EPA 625.1	-88	-88			
2020/21-3	ME-CC	srgt environ, rec	4/1/2021	Organic	Nitrobenzene-d5	n/a	=	67	%	EPA 625.1	-88	-88	47	120	
2020/21-3	ME-SCR	srgt environ	3/27/2021	Organic	Nitrobenzene-d5	n/a	=	4.19	µg/L	EPA 8270C	-88	-88			
2020/21-3	ME-SCR	srgt environ, rec	3/27/2021	Organic	Nitrobenzene-d5	n/a	=	84	%	EPA 8270C	-88	-88	51	143	
2020/21-3	ME-SCR	srgt environ	4/1/2021	Organic	Nitrobenzene-d5	n/a	=	4.32	µg/L	EPA 625.1	-88	-88			
2020/21-3	ME-SCR	srgt environ, rec	4/1/2021	Organic	Nitrobenzene-d5	n/a	=	86	%	EPA 625.1	-88	-88	47	120	
2020/21-3	ME-VR2	srgt environ	3/27/2021	Organic	Nitrobenzene-d5	n/a	=	3.63	µg/L	EPA 8270C	-88	-88			
2020/21-3	ME-VR2	srgt environ, rec	3/27/2021	Organic	Nitrobenzene-d5	n/a	=	73	%	EPA 8270C	-88	-88	51	143	
2020/21-3	ME-VR2	srgt environ	4/2/2021	Organic	Nitrobenzene-d5	n/a	=	3.71	µg/L	EPA 625.1	-88	-88			
2020/21-3	ME-VR2	srgt environ, rec	4/2/2021	Organic	Nitrobenzene-d5	n/a	=	74	%	EPA 625.1	-88	-88	47	120	
2020/21-3	MO-CAM	srgt environ	3/27/2021	Organic	Nitrobenzene-d5	n/a	=	16.2	µg/L	EPA 8270C	-88	-88			
2020/21-3	MO-CAM	srgt environ, rec	3/27/2021	Organic	Nitrobenzene-d5	n/a	=	65	%	EPA 8270C	-88	-88	51	143	
2020/21-3	MO-CAM	srgt environ	4/2/2021	Organic	Nitrobenzene-d5	n/a	=	16.8	µg/L	EPA 625.1	-88	-88			
2020/21-3	MO-CAM	srgt environ, rec	4/2/2021	Organic	Nitrobenzene-d5	n/a	=	67	%	EPA 625.1	-88	-88	47	120	
2020/21-3	MO-FIL	srgt environ	3/27/2021	Organic	Nitrobenzene-d5	n/a	=	32.5	µg/L	EPA 8270C	-88	-88			
2020/21-3	MO-FIL	srgt environ, rec	3/27/2021	Organic	Nitrobenzene-d5	n/a	=	65	%	EPA 8270C	-88	-88	51	143	
2020/21-3	MO-FIL	srgt environ	4/2/2021	Organic	Nitrobenzene-d5	n/a	=	34.2	µg/L	EPA 625.1	-88	-88			
2020/21-3	MO-FIL	srgt environ, rec	4/2/2021	Organic	Nitrobenzene-d5	n/a	=	68	%	EPA 625.1	-88	-88	47	120	
2020/21-3	MO-HUE	srgt environ	3/27/2021	Organic	Nitrobenzene-d5	n/a	=	3.72	µg/L	EPA 8270C	-88	-88			
2020/21-3	MO-HUE	srgt environ, rec	3/27/2021	Organic	Nitrobenzene-d5	n/a	=	74	%	EPA 8270C	-88	-88	51	143	
2020/21-3	MO-HUE	srgt environ	4/2/2021	Organic	Nitrobenzene-d5	n/a	=	4	µg/L	EPA 625.1	-88	-88			
2020/21-3	MO-HUE	srgt environ, rec	4/2/2021	Organic	Nitrobenzene-d5	n/a	=	80	%	EPA 625.1	-88	-88	47	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	
2020/21-3	MO-MEI	srgt environ	3/27/2021	Organic	Nitrobenzene-d5	n/a	=	14.6	µg/L	EPA 8270C	-88	-88			
2020/21-3	MO-MEI	srgt environ, rec	3/27/2021	Organic	Nitrobenzene-d5	n/a	=	58	%	EPA 8270C	-88	-88	51	143	
2020/21-3	MO-MEI	srgt environ	4/2/2021	Organic	Nitrobenzene-d5	n/a	=	15.3	µg/L	EPA 625.1	-88	-88			
2020/21-3	MO-MEI	srgt environ, rec	4/2/2021	Organic	Nitrobenzene-d5	n/a	=	61	%	EPA 625.1	-88	-88	47	120	
2020/21-3	MO-MPK	srgt environ	3/27/2021	Organic	Nitrobenzene-d5	n/a	=	35.9	µg/L	EPA 8270C	-88	-88			
2020/21-3	MO-MPK	srgt environ, rec	3/27/2021	Organic	Nitrobenzene-d5	n/a	=	72	%	EPA 8270C	-88	-88	51	143	
2020/21-3	MO-MPK	srgt environ	4/2/2021	Organic	Nitrobenzene-d5	n/a	=	38	µg/L	EPA 625.1	-88	-88			
2020/21-3	MO-MPK	srgt environ, rec	4/2/2021	Organic	Nitrobenzene-d5	n/a	=	76	%	EPA 625.1	-88	-88	47	120	
2020/21-3	MO-OJA	srgt environ	3/27/2021	Organic	Nitrobenzene-d5	n/a	=	29.6	µg/L	EPA 8270C	-88	-88			
2020/21-3	MO-OJA	srgt environ, rec	3/27/2021	Organic	Nitrobenzene-d5	n/a	=	59	%	EPA 8270C	-88	-88	51	143	
2020/21-3	MO-OJA	srgt environ	4/2/2021	Organic	Nitrobenzene-d5	n/a	=	30.4	µg/L	EPA 625.1	-88	-88			
2020/21-3	MO-OJA	srgt environ, rec	4/2/2021	Organic	Nitrobenzene-d5	n/a	=	61	%	EPA 625.1	-88	-88	47	120	
2020/21-3	MO-OXN	srgt environ	3/27/2021	Organic	Nitrobenzene-d5	n/a	=	20.3	µg/L	EPA 8270C	-88	-88			
2020/21-3	MO-OXN	srgt environ, rec	3/27/2021	Organic	Nitrobenzene-d5	n/a	=	81	%	EPA 8270C	-88	-88	51	143	
2020/21-3	MO-OXN	srgt environ	4/2/2021	Organic	Nitrobenzene-d5	n/a	=	21.7	µg/L	EPA 625.1	-88	-88			
2020/21-3	MO-OXN	srgt environ, rec	4/2/2021	Organic	Nitrobenzene-d5	n/a	=	87	%	EPA 625.1	-88	-88	47	120	
2020/21-3	MO-SIM	srgt environ	3/27/2021	Organic	Nitrobenzene-d5	n/a	=	29.1	µg/L	EPA 8270C	-88	-88			
2020/21-3	MO-SIM	srgt environ, rec	3/27/2021	Organic	Nitrobenzene-d5	n/a	=	58	%	EPA 8270C	-88	-88	51	143	
2020/21-3	MO-SIM	srgt environ	4/2/2021	Organic	Nitrobenzene-d5	n/a	=	30.9	µg/L	EPA 625.1	-88	-88			
2020/21-3	MO-SIM	srgt environ, rec	4/2/2021	Organic	Nitrobenzene-d5	n/a	=	62	%	EPA 625.1	-88	-88	47	120	
2020/21-3	MO-SPA	srgt environ	3/27/2021	Organic	Nitrobenzene-d5	n/a	=	41.2	µg/L	EPA 8270C	-88	-88			
2020/21-3	MO-SPA	srgt environ, rec	3/27/2021	Organic	Nitrobenzene-d5	n/a	=	82	%	EPA 8270C	-88	-88	51	143	
2020/21-3	MO-SPA	srgt environ	4/2/2021	Organic	Nitrobenzene-d5	n/a	=	43.3	µg/L	EPA 625.1	-88	-88			
2020/21-3	MO-SPA	srgt environ, rec	4/2/2021	Organic	Nitrobenzene-d5	n/a	=	87	%	EPA 625.1	-88	-88	47	120	
2020/21-3	MO-THO	srgt environ	3/27/2021	Organic	Nitrobenzene-d5	n/a	=	16.9	µg/L	EPA 8270C	-88	-88			
2020/21-3	MO-THO	srgt environ, rec	3/27/2021	Organic	Nitrobenzene-d5	n/a	=	68	%	EPA 8270C	-88	-88	51	143	
2020/21-3	MO-THO	srgt environ	4/2/2021	Organic	Nitrobenzene-d5	n/a	=	17.8	µg/L	EPA 625.1	-88	-88			
2020/21-3	MO-THO	srgt environ, rec	4/2/2021	Organic	Nitrobenzene-d5	n/a	=	71	%	EPA 625.1	-88	-88	47	120	
2020/21-3	MO-VEN	srgt environ	3/27/2021	Organic	Nitrobenzene-d5	n/a	=	34.5	µg/L	EPA 8270C	-88	-88			
2020/21-3	MO-VEN	srgt environ, rec	3/27/2021	Organic	Nitrobenzene-d5	n/a	=	69	%	EPA 8270C	-88	-88	51	143	
2020/21-3	MO-VEN	srgt environ	4/2/2021	Organic	Nitrobenzene-d5	n/a	=	36.2	µg/L	EPA 625.1	-88	-88			
2020/21-3	MO-VEN	srgt environ, rec	4/2/2021	Organic	Nitrobenzene-d5	n/a	=	72	%	EPA 625.1	-88	-88	47	120	
2020/21-3	Lab	LCS	4/1/2021	Organic	N-Nitrosodimethylamine	n/a	=	4.77	µg/L	EPA 625.1	0.5	1			
2020/21-3	Lab	LCS, rec	4/1/2021	Organic	N-Nitrosodimethylamine	n/a	=	48	%	EPA 625.1	-88	-88	22	120	
2020/21-3	Lab	LCS dup	4/1/2021	Organic	N-Nitrosodimethylamine	n/a	=	5.01	µg/L	EPA 625.1	0.5	1			
2020/21-3	Lab	LCS dup, rec	4/1/2021	Organic	N-Nitrosodimethylamine	n/a	=	50	%	EPA 625.1	-88	-88	22	120	
2020/21-3	Lab	LCS, RPD	4/1/2021	Organic	N-Nitrosodimethylamine	n/a	=	5	%	EPA 625.1	-88	-88	0	30	
2020/21-3	Lab	method blank	4/1/2021	Organic	N-Nitrosodimethylamine	n/a	<	0.5	µg/L	EPA 625.1	0.5	1			
2020/21-3	Lab	LCS	4/1/2021	Organic	N-Nitrosodi-N-propylamine	n/a	=	7.43	µg/L	EPA 625.1	0.26	1			
2020/21-3	Lab	LCS, rec	4/1/2021	Organic	N-Nitrosodi-N-propylamine	n/a	=	74	%	EPA 625.1	-88	-88	14	198	
2020/21-3	Lab	LCS dup	4/1/2021	Organic	N-Nitrosodi-N-propylamine	n/a	=	7.93	µg/L	EPA 625.1	0.26	1			
2020/21-3	Lab	LCS dup, rec	4/1/2021	Organic	N-Nitrosodi-N-propylamine	n/a	=	79	%	EPA 625.1	-88	-88	14	198	
2020/21-3	Lab	LCS, RPD	4/1/2021	Organic	N-Nitrosodi-N-propylamine	n/a	=	7	%	EPA 625.1	-88	-88	0	30	
2020/21-3	Lab	method blank	4/1/2021	Organic	N-Nitrosodi-N-propylamine	n/a	<	0.26	µg/L	EPA 625.1	0.26	1			
2020/21-3	Lab	LCS	4/1/2021	Organic	N-Nitrosodiphenylamine	n/a	=	6.13	µg/L	EPA 625.1	0.19	1			
2020/21-3	Lab	LCS, rec	4/1/2021	Organic	N-Nitrosodiphenylamine	n/a	=	61	%	EPA 625.1	-88	-88	47	120	
2020/21-3	Lab	LCS dup	4/1/2021	Organic	N-Nitrosodiphenylamine	n/a	=	6.41	µg/L	EPA 625.1	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	
2020/21-3	Lab	LCS dup, rec	4/1/2021	Organic	N-Nitrosodiphenylamine	n/a	=	64	%	EPA 625.1	-88	-88	47	120	
2020/21-3	Lab	LCS, RPD	4/1/2021	Organic	N-Nitrosodiphenylamine	n/a	=	4	%	EPA 625.1	-88	-88	0	30	
2020/21-3	Lab	method blank	4/1/2021	Organic	N-Nitrosodiphenylamine	n/a	<	0.19	µg/L	EPA 625.1	0.19	1			
2020/21-3	Lab	srgt method blank	3/16/2021	Organic	Perylene-d12	n/a	=	4.53	µg/L	EPA 525.2	-88	-88			
2020/21-3	Lab	srgt method blank, rec	3/16/2021	Organic	Perylene-d12	n/a	=	91	%	EPA 525.2	-88	-88	50	120	
2020/21-3	Lab	srgt LCS	3/16/2021	Organic	Perylene-d12	n/a	=	4.83	µg/L	EPA 525.2	-88	-88			
2020/21-3	Lab	srgt LCS, rec	3/16/2021	Organic	Perylene-d12	n/a	=	97	%	EPA 525.2	-88	-88	50	120	
2020/21-3	Lab	srgt LCS dup	3/16/2021	Organic	Perylene-d12	n/a	=	5.05	µg/L	EPA 525.2	-88	-88			
2020/21-3	Lab	srgt LCS dup, rec	3/16/2021	Organic	Perylene-d12	n/a	=	101	%	EPA 525.2	-88	-88	50	120	
2020/21-3	Lab	srgt method blank	3/22/2021	Organic	Perylene-d12	n/a	=	4.4	µg/L	EPA 525.2	-88	-88			
2020/21-3	Lab	srgt method blank, rec	3/22/2021	Organic	Perylene-d12	n/a	=	88	%	EPA 525.2	-88	-88	50	120	
2020/21-3	Lab	srgt LCS	3/22/2021	Organic	Perylene-d12	n/a	=	4.89	µg/L	EPA 525.2	-88	-88			
2020/21-3	Lab	srgt LCS, rec	3/22/2021	Organic	Perylene-d12	n/a	=	98	%	EPA 525.2	-88	-88	50	120	
2020/21-3	Lab	srgt LCS dup	3/22/2021	Organic	Perylene-d12	n/a	=	4.41	µg/L	EPA 525.2	-88	-88			
2020/21-3	Lab	srgt LCS dup, rec	3/22/2021	Organic	Perylene-d12	n/a	=	88	%	EPA 525.2	-88	-88	50	120	
2020/21-3	ME-CC	srgt environ	3/22/2021	Organic	Perylene-d12	n/a	=	15.8	µg/L	EPA 525.2	-88	-88			
2020/21-3	ME-CC	srgt environ, rec	3/22/2021	Organic	Perylene-d12	n/a	=	79	%	EPA 525.2	-88	-88	50	120	
2020/21-3	ME-SCR	srgt environ	3/22/2021	Organic	Perylene-d12	n/a	=	4.11	µg/L	EPA 525.2	-88	-88			
2020/21-3	ME-SCR	srgt environ, rec	3/22/2021	Organic	Perylene-d12	n/a	=	82	%	EPA 525.2	-88	-88	50	120	
2020/21-3	ME-VR2	srgt environ	3/17/2021	Organic	Perylene-d12	n/a	=	4.66	µg/L	EPA 525.2	-88	-88			
2020/21-3	ME-VR2	srgt environ, rec	3/17/2021	Organic	Perylene-d12	n/a	=	93	%	EPA 525.2	-88	-88	50	120	
2020/21-3	MO-CAM	srgt environ	3/17/2021	Organic	Perylene-d12	n/a	=	17.1	µg/L	EPA 525.2	-88	-88			
2020/21-3	MO-CAM	srgt environ, rec	3/17/2021	Organic	Perylene-d12	n/a	=	85	%	EPA 525.2	-88	-88	50	120	
2020/21-3	MO-FIL	srgt environ	3/17/2021	Organic	Perylene-d12	n/a	=	16.9	µg/L	EPA 525.2	-88	-88			
2020/21-3	MO-FIL	srgt environ, rec	3/17/2021	Organic	Perylene-d12	n/a	=	84	%	EPA 525.2	-88	-88	50	120	
2020/21-3	MO-HUE	srgt environ	3/17/2021	Organic	Perylene-d12	n/a	=	4.31	µg/L	EPA 525.2	-88	-88			
2020/21-3	MO-HUE	srgt environ, rec	3/17/2021	Organic	Perylene-d12	n/a	=	86	%	EPA 525.2	-88	-88	50	120	
2020/21-3	MO-MEI	srgt environ	3/17/2021	Organic	Perylene-d12	n/a	=	18.5	µg/L	EPA 525.2	-88	-88			
2020/21-3	MO-MEI	srgt environ, rec	3/17/2021	Organic	Perylene-d12	n/a	=	93	%	EPA 525.2	-88	-88	50	120	
2020/21-3	MO-MPK	srgt environ	3/17/2021	Organic	Perylene-d12	n/a	=	16.6	µg/L	EPA 525.2	-88	-88			
2020/21-3	MO-MPK	srgt environ, rec	3/17/2021	Organic	Perylene-d12	n/a	=	83	%	EPA 525.2	-88	-88	50	120	
2020/21-3	MO-OJA	srgt environ	3/17/2021	Organic	Perylene-d12	n/a	=	25	µg/L	EPA 525.2	-88	-88			
2020/21-3	MO-OJA	srgt environ, rec	3/17/2021	Organic	Perylene-d12	n/a	=	100	%	EPA 525.2	-88	-88	50	120	
2020/21-3	MO-OXN	srgt environ	3/17/2021	Organic	Perylene-d12	n/a	=	15	µg/L	EPA 525.2	-88	-88			
2020/21-3	MO-OXN	srgt environ, rec	3/17/2021	Organic	Perylene-d12	n/a	=	75	%	EPA 525.2	-88	-88	50	120	
2020/21-3	MO-SIM	srgt environ	3/17/2021	Organic	Perylene-d12	n/a	=	2.9	µg/L	EPA 525.2	-88	-88			
2020/21-3	MO-SIM	srgt environ, rec	3/17/2021	Organic	Perylene-d12	n/a	=	58	%	EPA 525.2	-88	-88	50	120	
2020/21-3	MO-SPA	srgt environ	3/17/2021	Organic	Perylene-d12	n/a	=	15.9	µg/L	EPA 525.2	-88	-88			
2020/21-3	MO-SPA	srgt environ, rec	3/17/2021	Organic	Perylene-d12	n/a	=	79	%	EPA 525.2	-88	-88	50	120	
2020/21-3	MO-THO	srgt environ	3/17/2021	Organic	Perylene-d12	n/a	=	9.27	µg/L	EPA 525.2	-88	-88			
2020/21-3	MO-THO	srgt environ, rec	3/17/2021	Organic	Perylene-d12	n/a	=	93	%	EPA 525.2	-88	-88	50	120	
2020/21-3	MO-VEN	srgt environ	3/17/2021	Organic	Perylene-d12	n/a	=	16.7	µg/L	EPA 525.2	-88	-88			
2020/21-3	MO-VEN	srgt environ, rec	3/17/2021	Organic	Perylene-d12	n/a	=	83	%	EPA 525.2	-88	-88	50	120	
2020/21-3	Lab	method blank	3/26/2021	Organic	Phenanthrene	n/a	<	0.029	µg/L	EPA 8270C	0.029	0.1			
2020/21-3	Lab	LCS	3/26/2021	Organic	Phenanthrene	n/a	=	7.66	µg/L	EPA 8270C	0.029	0.1			
2020/21-3	Lab	LCS, rec	3/26/2021	Organic	Phenanthrene	n/a	=	77	%	EPA 8270C	-88	-88	21	131	
2020/21-3	Lab	LCS dup	3/27/2021	Organic	Phenanthrene	n/a	=	7.73	µg/L	EPA 8270C	0.029	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	
2020/21-3	Lab	LCS dup, rec	3/27/2021	Organic	Phenanthrene	n/a	=	77	%	EPA 8270C	-88	-88	21	131	
2020/21-3	Lab	LCS, RPD	3/27/2021	Organic	Phenanthrene	n/a	=	1	%	EPA 8270C	-88	-88	0	30	
2020/21-3	Lab	LCS	4/1/2021	Organic	Phenanthrene	n/a	=	8.24	µg/L	EPA 625.1	0.32	1			
2020/21-3	Lab	LCS, rec	4/1/2021	Organic	Phenanthrene	n/a	=	82	%	EPA 625.1	-88	-88	65	120	
2020/21-3	Lab	LCS dup	4/1/2021	Organic	Phenanthrene	n/a	=	8.31	µg/L	EPA 625.1	0.32	1			
2020/21-3	Lab	LCS dup, rec	4/1/2021	Organic	Phenanthrene	n/a	=	83	%	EPA 625.1	-88	-88	65	120	
2020/21-3	Lab	LCS, RPD	4/1/2021	Organic	Phenanthrene	n/a	=	0.9	%	EPA 625.1	-88	-88	0	30	
2020/21-3	Lab	method blank	4/1/2021	Organic	Phenanthrene	n/a	<	0.32	µg/L	EPA 625.1	0.32	1			
2020/21-3	Lab	method blank	3/25/2021	Organic	Phenol	n/a	<	0.35	µg/L	EPA 8270C	0.35	1			
2020/21-3	Lab	LCS	3/25/2021	Organic	Phenol	n/a	=	3.47	µg/L	EPA 8270C	0.35	1			
2020/21-3	Lab	LCS, rec	3/25/2021	Organic	Phenol	n/a	=	35	%	EPA 8270C	-88	-88	6	43	
2020/21-3	Lab	LCS dup	3/25/2021	Organic	Phenol	n/a	=	3.42	µg/L	EPA 8270C	0.35	1			
2020/21-3	Lab	LCS dup, rec	3/25/2021	Organic	Phenol	n/a	=	34	%	EPA 8270C	-88	-88	6	43	
2020/21-3	Lab	LCS, RPD	3/25/2021	Organic	Phenol	n/a	=	2	%	EPA 8270C	-88	-88	0	30	
2020/21-3	Lab	LCS	4/1/2021	Organic	Phenol	n/a	=	3.04	µg/L	EPA 625.1	0.16	1			
2020/21-3	Lab	LCS, rec	4/1/2021	Organic	Phenol	n/a	=	30	%	EPA 625.1	-88	-88	17	120	
2020/21-3	Lab	LCS dup	4/1/2021	Organic	Phenol	n/a	=	3.49	µg/L	EPA 625.1	0.16	1			
2020/21-3	Lab	LCS dup, rec	4/1/2021	Organic	Phenol	n/a	=	35	%	EPA 625.1	-88	-88	17	120	
2020/21-3	Lab	LCS, RPD	4/1/2021	Organic	Phenol	n/a	=	14	%	EPA 625.1	-88	-88	0	30	
2020/21-3	Lab	method blank	4/1/2021	Organic	Phenol	n/a	<	0.16	µg/L	EPA 625.1	0.16	1			
2020/21-3	Lab	srgt method blank	3/25/2021	Organic	Phenol-d5	n/a	=	3.06	µg/L	EPA 8270C	-88	-88			
2020/21-3	Lab	srgt method blank, rec	3/25/2021	Organic	Phenol-d5	n/a	=	31	%	EPA 8270C	-88	-88	5	46	
2020/21-3	Lab	srgt LCS	3/25/2021	Organic	Phenol-d5	n/a	=	3.14	µg/L	EPA 8270C	-88	-88			
2020/21-3	Lab	srgt LCS, rec	3/25/2021	Organic	Phenol-d5	n/a	=	31	%	EPA 8270C	-88	-88	5	46	
2020/21-3	Lab	srgt LCS dup	3/25/2021	Organic	Phenol-d5	n/a	=	3.34	µg/L	EPA 8270C	-88	-88			
2020/21-3	Lab	srgt LCS dup, rec	3/25/2021	Organic	Phenol-d5	n/a	=	33	%	EPA 8270C	-88	-88	5	46	
2020/21-3	Lab	srgt LCS	4/1/2021	Organic	Phenol-d5	n/a	=	2.88	µg/L	EPA 625.1	-88	-88			
2020/21-3	Lab	srgt LCS, rec	4/1/2021	Organic	Phenol-d5	n/a	=	29	%	EPA 625.1	-88	-88	12	120	
2020/21-3	Lab	srgt LCS dup	4/1/2021	Organic	Phenol-d5	n/a	=	3.09	µg/L	EPA 625.1	-88	-88			
2020/21-3	Lab	srgt LCS dup, rec	4/1/2021	Organic	Phenol-d5	n/a	=	31	%	EPA 625.1	-88	-88	12	120	
2020/21-3	Lab	srgt method blank	4/1/2021	Organic	Phenol-d5	n/a	=	2.96	µg/L	EPA 625.1	-88	-88			
2020/21-3	Lab	srgt method blank, rec	4/1/2021	Organic	Phenol-d5	n/a	=	30	%	EPA 625.1	-88	-88	12	120	
2020/21-3	ME-CC	srgt environ	3/26/2021	Organic	Phenol-d5	n/a	=	28.8	µg/L	EPA 8270C	-88	-88			
2020/21-3	ME-CC	srgt environ, rec	3/26/2021	Organic	Phenol-d5	n/a	=	29	%	EPA 8270C	-88	-88	5	46	
2020/21-3	ME-CC	srgt environ	4/1/2021	Organic	Phenol-d5	n/a	=	27.4	µg/L	EPA 625.1	-88	-88			
2020/21-3	ME-CC	srgt environ, rec	4/1/2021	Organic	Phenol-d5	n/a	=	27	%	EPA 625.1	-88	-88	12	120	
2020/21-3	ME-SCR	srgt environ	3/26/2021	Organic	Phenol-d5	n/a	=	3.46	µg/L	EPA 8270C	-88	-88			
2020/21-3	ME-SCR	srgt environ, rec	3/26/2021	Organic	Phenol-d5	n/a	=	35	%	EPA 8270C	-88	-88	5	46	
2020/21-3	ME-SCR	srgt environ	4/1/2021	Organic	Phenol-d5	n/a	=	3.34	µg/L	EPA 625.1	-88	-88			
2020/21-3	ME-SCR	srgt environ, rec	4/1/2021	Organic	Phenol-d5	n/a	=	33	%	EPA 625.1	-88	-88	12	120	
2020/21-3	ME-VR2	srgt environ	3/26/2021	Organic	Phenol-d5	n/a	=	3	µg/L	EPA 8270C	-88	-88			
2020/21-3	ME-VR2	srgt environ, rec	3/26/2021	Organic	Phenol-d5	n/a	=	30	%	EPA 8270C	-88	-88	5	46	
2020/21-3	ME-VR2	srgt environ	4/2/2021	Organic	Phenol-d5	n/a	=	2.77	µg/L	EPA 625.1	-88	-88			
2020/21-3	ME-VR2	srgt environ, rec	4/2/2021	Organic	Phenol-d5	n/a	=	28	%	EPA 625.1	-88	-88	12	120	
2020/21-3	MO-CAM	srgt environ	3/26/2021	Organic	Phenol-d5	n/a	=	15.7	µg/L	EPA 8270C	-88	-88			
2020/21-3	MO-CAM	srgt environ, rec	3/26/2021	Organic	Phenol-d5	n/a	=	31	%	EPA 8270C	-88	-88	5	46	
2020/21-3	MO-CAM	srgt environ	4/2/2021	Organic	Phenol-d5	n/a	=	15.3	µg/L	EPA 625.1	-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	
2020/21-3	MO-CAM	srgt environ, rec	4/2/2021	Organic	Phenol-d5	n/a	=	31	%	EPA 625.1	-88	-88	12	120	
2020/21-3	MO-FIL	srgt environ	3/26/2021	Organic	Phenol-d5	n/a	=	27.9	µg/L	EPA 8270C	-88	-88			
2020/21-3	MO-FIL	srgt environ, rec	3/26/2021	Organic	Phenol-d5	n/a	=	28	%	EPA 8270C	-88	-88	5	46	
2020/21-3	MO-FIL	srgt environ	4/2/2021	Organic	Phenol-d5	n/a	=	27.9	µg/L	EPA 625.1	-88	-88			
2020/21-3	MO-FIL	srgt environ, rec	4/2/2021	Organic	Phenol-d5	n/a	=	28	%	EPA 625.1	-88	-88	12	120	
2020/21-3	MO-HUE	srgt environ	3/26/2021	Organic	Phenol-d5	n/a	=	3.43	µg/L	EPA 8270C	-88	-88			
2020/21-3	MO-HUE	srgt environ, rec	3/26/2021	Organic	Phenol-d5	n/a	=	34	%	EPA 8270C	-88	-88	5	46	
2020/21-3	MO-HUE	srgt environ	4/2/2021	Organic	Phenol-d5	n/a	=	3.53	µg/L	EPA 625.1	-88	-88			
2020/21-3	MO-HUE	srgt environ, rec	4/2/2021	Organic	Phenol-d5	n/a	=	35	%	EPA 625.1	-88	-88	12	120	
2020/21-3	MO-MEI	srgt environ	3/26/2021	Organic	Phenol-d5	n/a	=	12.5	µg/L	EPA 8270C	-88	-88			
2020/21-3	MO-MEI	srgt environ, rec	3/26/2021	Organic	Phenol-d5	n/a	=	25	%	EPA 8270C	-88	-88	5	46	
2020/21-3	MO-MEI	srgt environ	4/2/2021	Organic	Phenol-d5	n/a	=	12.4	µg/L	EPA 625.1	-88	-88			
2020/21-3	MO-MEI	srgt environ, rec	4/2/2021	Organic	Phenol-d5	n/a	=	25	%	EPA 625.1	-88	-88	12	120	
2020/21-3	MO-MPK	srgt environ	3/26/2021	Organic	Phenol-d5	n/a	=	31	µg/L	EPA 8270C	-88	-88			
2020/21-3	MO-MPK	srgt environ, rec	3/26/2021	Organic	Phenol-d5	n/a	=	31	%	EPA 8270C	-88	-88	5	46	
2020/21-3	MO-MPK	srgt environ	4/2/2021	Organic	Phenol-d5	n/a	=	30.9	µg/L	EPA 625.1	-88	-88			
2020/21-3	MO-MPK	srgt environ, rec	4/2/2021	Organic	Phenol-d5	n/a	=	31	%	EPA 625.1	-88	-88	12	120	
2020/21-3	MO-OJA	srgt environ	3/26/2021	Organic	Phenol-d5	n/a	=	23.2	µg/L	EPA 8270C	-88	-88			
2020/21-3	MO-OJA	srgt environ, rec	3/26/2021	Organic	Phenol-d5	n/a	=	23	%	EPA 8270C	-88	-88	5	46	
2020/21-3	MO-OJA	srgt environ	4/2/2021	Organic	Phenol-d5	n/a	=	22.4	µg/L	EPA 625.1	-88	-88			
2020/21-3	MO-OJA	srgt environ, rec	4/2/2021	Organic	Phenol-d5	n/a	=	22	%	EPA 625.1	-88	-88	12	120	
2020/21-3	MO-OXN	srgt environ	3/26/2021	Organic	Phenol-d5	n/a	=	20.6	µg/L	EPA 8270C	-88	-88			
2020/21-3	MO-OXN	srgt environ, rec	3/26/2021	Organic	Phenol-d5	n/a	=	41	%	EPA 8270C	-88	-88	5	46	
2020/21-3	MO-OXN	srgt environ	4/2/2021	Organic	Phenol-d5	n/a	=	20.8	µg/L	EPA 625.1	-88	-88			
2020/21-3	MO-OXN	srgt environ, rec	4/2/2021	Organic	Phenol-d5	n/a	=	42	%	EPA 625.1	-88	-88	12	120	
2020/21-3	MO-SIM	srgt environ	3/26/2021	Organic	Phenol-d5	n/a	=	24.4	µg/L	EPA 8270C	-88	-88			
2020/21-3	MO-SIM	srgt environ, rec	3/26/2021	Organic	Phenol-d5	n/a	=	24	%	EPA 8270C	-88	-88	5	46	
2020/21-3	MO-SIM	srgt environ	4/2/2021	Organic	Phenol-d5	n/a	=	24.8	µg/L	EPA 625.1	-88	-88			
2020/21-3	MO-SIM	srgt environ, rec	4/2/2021	Organic	Phenol-d5	n/a	=	25	%	EPA 625.1	-88	-88	12	120	
2020/21-3	MO-SPA	srgt environ	3/26/2021	Organic	Phenol-d5	n/a	=	36.4	µg/L	EPA 8270C	-88	-88			
2020/21-3	MO-SPA	srgt environ, rec	3/26/2021	Organic	Phenol-d5	n/a	=	36	%	EPA 8270C	-88	-88	5	46	
2020/21-3	MO-SPA	srgt environ	4/2/2021	Organic	Phenol-d5	n/a	=	35.4	µg/L	EPA 625.1	-88	-88			
2020/21-3	MO-SPA	srgt environ, rec	4/2/2021	Organic	Phenol-d5	n/a	=	35	%	EPA 625.1	-88	-88	12	120	
2020/21-3	MO-THO	srgt environ	3/26/2021	Organic	Phenol-d5	n/a	=	14.2	µg/L	EPA 8270C	-88	-88			
2020/21-3	MO-THO	srgt environ, rec	3/26/2021	Organic	Phenol-d5	n/a	=	28	%	EPA 8270C	-88	-88	5	46	
2020/21-3	MO-THO	srgt environ	4/2/2021	Organic	Phenol-d5	n/a	=	14	µg/L	EPA 625.1	-88	-88			
2020/21-3	MO-THO	srgt environ, rec	4/2/2021	Organic	Phenol-d5	n/a	=	28	%	EPA 625.1	-88	-88	12	120	
2020/21-3	MO-VEN	srgt environ	3/26/2021	Organic	Phenol-d5	n/a	=	33.8	µg/L	EPA 8270C	-88	-88			
2020/21-3	MO-VEN	srgt environ, rec	3/26/2021	Organic	Phenol-d5	n/a	=	34	%	EPA 8270C	-88	-88	5	46	
2020/21-3	MO-VEN	srgt environ	4/2/2021	Organic	Phenol-d5	n/a	=	32.7	µg/L	EPA 625.1	-88	-88			
2020/21-3	MO-VEN	srgt environ, rec	4/2/2021	Organic	Phenol-d5	n/a	=	33	%	EPA 625.1	-88	-88	12	120	
2020/21-3	Lab	srgt method blank	3/26/2021	Organic	p-Terphenyl-d14	n/a	=	5.14	µg/L	EPA 8270C	-88	-88			
2020/21-3	Lab	srgt method blank, rec	3/26/2021	Organic	p-Terphenyl-d14	n/a	=	103	%	EPA 8270C	-88	-88	19	134	
2020/21-3	Lab	srgt LCS	3/26/2021	Organic	p-Terphenyl-d14	n/a	=	5.13	µg/L	EPA 8270C	-88	-88			
2020/21-3	Lab	srgt LCS, rec	3/26/2021	Organic	p-Terphenyl-d14	n/a	=	103	%	EPA 8270C	-88	-88	19	134	
2020/21-3	Lab	srgt LCS dup	3/27/2021	Organic	p-Terphenyl-d14	n/a	=	5.07	µg/L	EPA 8270C	-88	-88			
2020/21-3	Lab	srgt LCS dup, rec	3/27/2021	Organic	p-Terphenyl-d14	n/a	=	101	%	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	
2020/21-3	Lab	srgt LCS	4/1/2021	Organic	p-Terphenyl-d14	n/a	=	3.49	µg/L	EPA 625.1	-88	-88			
2020/21-3	Lab	srgt LCS, rec	4/1/2021	Organic	p-Terphenyl-d14	n/a	=	70	%	EPA 625.1	-88	-88	44	129	
2020/21-3	Lab	srgt LCS dup	4/1/2021	Organic	p-Terphenyl-d14	n/a	=	4.01	µg/L	EPA 625.1	-88	-88			
2020/21-3	Lab	srgt LCS dup, rec	4/1/2021	Organic	p-Terphenyl-d14	n/a	=	80	%	EPA 625.1	-88	-88	44	129	
2020/21-3	Lab	srgt method blank	4/1/2021	Organic	p-Terphenyl-d14	n/a	=	4.14	µg/L	EPA 625.1	-88	-88			
2020/21-3	Lab	srgt method blank, rec	4/1/2021	Organic	p-Terphenyl-d14	n/a	=	83	%	EPA 625.1	-88	-88	44	129	
2020/21-3	ME-CC	srgt environ	3/27/2021	Organic	p-Terphenyl-d14	n/a	=	40.1	µg/L	EPA 8270C	-88	-88			
2020/21-3	ME-CC	srgt environ, rec	3/27/2021	Organic	p-Terphenyl-d14	n/a	=	80	%	EPA 8270C	-88	-88	19	134	
2020/21-3	ME-CC	srgt environ	4/1/2021	Organic	p-Terphenyl-d14	n/a	=	39.6	µg/L	EPA 625.1	-88	-88			
2020/21-3	ME-CC	srgt environ, rec	4/1/2021	Organic	p-Terphenyl-d14	n/a	=	79	%	EPA 625.1	-88	-88	44	129	
2020/21-3	ME-SCR	srgt environ	3/27/2021	Organic	p-Terphenyl-d14	n/a	=	4.66	µg/L	EPA 8270C	-88	-88			
2020/21-3	ME-SCR	srgt environ, rec	3/27/2021	Organic	p-Terphenyl-d14	n/a	=	93	%	EPA 8270C	-88	-88	19	134	
2020/21-3	ME-SCR	srgt environ	4/1/2021	Organic	p-Terphenyl-d14	n/a	=	5.04	µg/L	EPA 625.1	-88	-88			
2020/21-3	ME-SCR	srgt environ, rec	4/1/2021	Organic	p-Terphenyl-d14	n/a	=	101	%	EPA 625.1	-88	-88	44	129	
2020/21-3	ME-VR2	srgt environ	3/27/2021	Organic	p-Terphenyl-d14	n/a	=	4.71	µg/L	EPA 8270C	-88	-88			
2020/21-3	ME-VR2	srgt environ, rec	3/27/2021	Organic	p-Terphenyl-d14	n/a	=	94	%	EPA 8270C	-88	-88	19	134	
2020/21-3	ME-VR2	srgt environ	4/2/2021	Organic	p-Terphenyl-d14	n/a	=	4.72	µg/L	EPA 625.1	-88	-88			
2020/21-3	ME-VR2	srgt environ, rec	4/2/2021	Organic	p-Terphenyl-d14	n/a	=	94	%	EPA 625.1	-88	-88	44	129	
2020/21-3	MO-CAM	srgt environ	3/27/2021	Organic	p-Terphenyl-d14	n/a	=	20.5	µg/L	EPA 8270C	-88	-88			
2020/21-3	MO-CAM	srgt environ, rec	3/27/2021	Organic	p-Terphenyl-d14	n/a	=	82	%	EPA 8270C	-88	-88	19	134	
2020/21-3	MO-CAM	srgt environ	4/2/2021	Organic	p-Terphenyl-d14	n/a	=	18.9	µg/L	EPA 625.1	-88	-88			
2020/21-3	MO-CAM	srgt environ, rec	4/2/2021	Organic	p-Terphenyl-d14	n/a	=	76	%	EPA 625.1	-88	-88	44	129	
2020/21-3	MO-FIL	srgt environ	3/27/2021	Organic	p-Terphenyl-d14	n/a	=	46.1	µg/L	EPA 8270C	-88	-88			
2020/21-3	MO-FIL	srgt environ, rec	3/27/2021	Organic	p-Terphenyl-d14	n/a	=	92	%	EPA 8270C	-88	-88	19	134	
2020/21-3	MO-FIL	srgt environ	4/2/2021	Organic	p-Terphenyl-d14	n/a	=	42.1	µg/L	EPA 625.1	-88	-88			
2020/21-3	MO-FIL	srgt environ, rec	4/2/2021	Organic	p-Terphenyl-d14	n/a	=	84	%	EPA 625.1	-88	-88	44	129	
2020/21-3	MO-HUE	srgt environ	3/27/2021	Organic	p-Terphenyl-d14	n/a	=	4.29	µg/L	EPA 8270C	-88	-88			
2020/21-3	MO-HUE	srgt environ, rec	3/27/2021	Organic	p-Terphenyl-d14	n/a	=	86	%	EPA 8270C	-88	-88	19	134	
2020/21-3	MO-HUE	srgt environ	4/2/2021	Organic	p-Terphenyl-d14	n/a	=	4.6	µg/L	EPA 625.1	-88	-88			
2020/21-3	MO-HUE	srgt environ, rec	4/2/2021	Organic	p-Terphenyl-d14	n/a	=	92	%	EPA 625.1	-88	-88	44	129	
2020/21-3	MO-MEI	srgt environ	3/27/2021	Organic	p-Terphenyl-d14	n/a	=	22.5	µg/L	EPA 8270C	-88	-88			
2020/21-3	MO-MEI	srgt environ, rec	3/27/2021	Organic	p-Terphenyl-d14	n/a	=	90	%	EPA 8270C	-88	-88	19	134	
2020/21-3	MO-MEI	srgt environ	4/2/2021	Organic	p-Terphenyl-d14	n/a	=	21	µg/L	EPA 625.1	-88	-88			
2020/21-3	MO-MEI	srgt environ, rec	4/2/2021	Organic	p-Terphenyl-d14	n/a	=	84	%	EPA 625.1	-88	-88	44	129	
2020/21-3	MO-MPK	srgt environ	3/27/2021	Organic	p-Terphenyl-d14	n/a	=	41.2	µg/L	EPA 8270C	-88	-88			
2020/21-3	MO-MPK	srgt environ, rec	3/27/2021	Organic	p-Terphenyl-d14	n/a	=	82	%	EPA 8270C	-88	-88	19	134	
2020/21-3	MO-MPK	srgt environ	4/2/2021	Organic	p-Terphenyl-d14	n/a	=	44.2	µg/L	EPA 625.1	-88	-88			
2020/21-3	MO-MPK	srgt environ, rec	4/2/2021	Organic	p-Terphenyl-d14	n/a	=	88	%	EPA 625.1	-88	-88	44	129	
2020/21-3	MO-OJA	srgt environ	3/27/2021	Organic	p-Terphenyl-d14	n/a	=	35.3	µg/L	EPA 8270C	-88	-88			
2020/21-3	MO-OJA	srgt environ, rec	3/27/2021	Organic	p-Terphenyl-d14	n/a	=	71	%	EPA 8270C	-88	-88	19	134	
2020/21-3	MO-OJA	srgt environ	4/2/2021	Organic	p-Terphenyl-d14	n/a	=	35.9	µg/L	EPA 625.1	-88	-88			
2020/21-3	MO-OJA	srgt environ, rec	4/2/2021	Organic	p-Terphenyl-d14	n/a	=	72	%	EPA 625.1	-88	-88	44	129	
2020/21-3	MO-oxn	srgt environ	3/27/2021	Organic	p-Terphenyl-d14	n/a	=	23.1	µg/L	EPA 8270C	-88	-88			
2020/21-3	MO-oxn	srgt environ, rec	3/27/2021	Organic	p-Terphenyl-d14	n/a	=	92	%	EPA 8270C	-88	-88	19	134	
2020/21-3	MO-oxn	srgt environ	4/2/2021	Organic	p-Terphenyl-d14	n/a	=	23.8	µg/L	EPA 625.1	-88	-88			
2020/21-3	MO-oxn	srgt environ, rec	4/2/2021	Organic	p-Terphenyl-d14	n/a	=	95	%	EPA 625.1	-88	-88	44	129	
2020/21-3	MO-SIM	srgt environ	3/27/2021	Organic	p-Terphenyl-d14	n/a	=	43.5	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	
2020/21-3	MO-SIM	srqt environ, rec	3/27/2021	Organic	p-Terphenyl-d14	n/a	=	87	%	EPA 8270C	-88	-88	19	134	
2020/21-3	MO-SIM	srqt environ	4/2/2021	Organic	p-Terphenyl-d14	n/a	=	42.8	µg/L	EPA 625.1	-88	-88			
2020/21-3	MO-SIM	srqt environ, rec	4/2/2021	Organic	p-Terphenyl-d14	n/a	=	86	%	EPA 625.1	-88	-88	44	129	
2020/21-3	MO-SPA	srqt environ	3/27/2021	Organic	p-Terphenyl-d14	n/a	=	48.5	µg/L	EPA 8270C	-88	-88			
2020/21-3	MO-SPA	srqt environ, rec	3/27/2021	Organic	p-Terphenyl-d14	n/a	=	97	%	EPA 8270C	-88	-88	19	134	
2020/21-3	MO-SPA	srqt environ	4/2/2021	Organic	p-Terphenyl-d14	n/a	=	49.7	µg/L	EPA 625.1	-88	-88			
2020/21-3	MO-SPA	srqt environ, rec	4/2/2021	Organic	p-Terphenyl-d14	n/a	=	99	%	EPA 625.1	-88	-88	44	129	
2020/21-3	MO-THO	srqt environ	3/27/2021	Organic	p-Terphenyl-d14	n/a	=	22.1	µg/L	EPA 8270C	-88	-88			
2020/21-3	MO-THO	srqt environ, rec	3/27/2021	Organic	p-Terphenyl-d14	n/a	=	89	%	EPA 8270C	-88	-88	19	134	
2020/21-3	MO-THO	srqt environ	4/2/2021	Organic	p-Terphenyl-d14	n/a	=	23.6	µg/L	EPA 625.1	-88	-88			
2020/21-3	MO-THO	srqt environ, rec	4/2/2021	Organic	p-Terphenyl-d14	n/a	=	95	%	EPA 625.1	-88	-88	44	129	
2020/21-3	MO-VEN	srqt environ	3/27/2021	Organic	p-Terphenyl-d14	n/a	=	38	µg/L	EPA 8270C	-88	-88			
2020/21-3	MO-VEN	srqt environ, rec	3/27/2021	Organic	p-Terphenyl-d14	n/a	=	76	%	EPA 8270C	-88	-88	19	134	
2020/21-3	MO-VEN	srqt environ	4/2/2021	Organic	p-Terphenyl-d14	n/a	=	43.8	µg/L	EPA 625.1	-88	-88			
2020/21-3	MO-VEN	srqt environ, rec	4/2/2021	Organic	p-Terphenyl-d14	n/a	=	88	%	EPA 625.1	-88	-88	44	129	
2020/21-3	Lab	method blank	3/26/2021	Organic	Pyrene	n/a	<	0.04	µg/L	EPA 8270C	0.04	0.1			
2020/21-3	Lab	LCS	3/26/2021	Organic	Pyrene	n/a	=	10.7	µg/L	EPA 8270C	0.04	0.1			
2020/21-3	Lab	LCS, rec	3/26/2021	Organic	Pyrene	n/a	=	107	%	EPA 8270C	-88	-88	26	128	
2020/21-3	Lab	LCS dup	3/27/2021	Organic	Pyrene	n/a	=	10.6	µg/L	EPA 8270C	0.04	0.1			
2020/21-3	Lab	LCS dup, rec	3/27/2021	Organic	Pyrene	n/a	=	106	%	EPA 8270C	-88	-88	26	128	
2020/21-3	Lab	LCS, RPD	3/27/2021	Organic	Pyrene	n/a	=	2	%	EPA 8270C	-88	-88	0	30	
2020/21-3	Lab	LCS	4/1/2021	Organic	Pyrene	n/a	=	7.91	µg/L	EPA 625.1	0.25	1			
2020/21-3	Lab	LCS, rec	4/1/2021	Organic	Pyrene	n/a	=	79	%	EPA 625.1	-88	-88	70	120	
2020/21-3	Lab	LCS dup	4/1/2021	Organic	Pyrene	n/a	=	8.78	µg/L	EPA 625.1	0.25	1			
2020/21-3	Lab	LCS dup, rec	4/1/2021	Organic	Pyrene	n/a	=	88	%	EPA 625.1	-88	-88	70	120	
2020/21-3	Lab	LCS, RPD	4/1/2021	Organic	Pyrene	n/a	=	10	%	EPA 625.1	-88	-88	0	30	
2020/21-3	Lab	method blank	4/1/2021	Organic	Pyrene	n/a	<	0.25	µg/L	EPA 625.1	0.25	1			
2020/21-3	Lab	srqt method blank	4/2/2021	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0897	µg/L	EPA 608.3	-88	-88			
2020/21-3	Lab	srqt method blank, rec	4/2/2021	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	90	%	EPA 608.3	-88	-88	32	130	
2020/21-3	Lab	srqt LCS	4/2/2021	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0844	µg/L	EPA 608.3	-88	-88			
2020/21-3	Lab	srqt LCS, rec	4/2/2021	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	84	%	EPA 608.3	-88	-88	32	130	
2020/21-3	Lab	srqt LCS dup	4/2/2021	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0887	µg/L	EPA 608.3	-88	-88			
2020/21-3	Lab	srqt LCS dup, rec	4/2/2021	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	89	%	EPA 608.3	-88	-88	32	130	
2020/21-3	ME-CC	srqt environ	4/2/2021	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.813	µg/L	EPA 608.3	-88	-88			
2020/21-3	ME-CC	srqt environ, rec	4/2/2021	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	81	%	EPA 608.3	-88	-88	35	111	
2020/21-3	ME-SCR	srqt environ	4/2/2021	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0953	µg/L	EPA 608.3	-88	-88			
2020/21-3	ME-SCR	srqt environ, rec	4/2/2021	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	95	%	EPA 608.3	-88	-88	35	111	
2020/21-3	ME-VR2	srqt environ	4/2/2021	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0771	µg/L	EPA 608.3	-88	-88			
2020/21-3	ME-VR2	srqt environ, rec	4/2/2021	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	77	%	EPA 608.3	-88	-88	35	111	
2020/21-3	MO-CAM	srqt environ	4/2/2021	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.388	µg/L	EPA 608.3	-88	-88			
2020/21-3	MO-CAM	srqt environ, rec	4/2/2021	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	78	%	EPA 608.3	-88	-88	35	111	
2020/21-3	MO-FIL	srqt environ	4/3/2021	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.42	µg/L	EPA 608.3	-88	-88			
2020/21-3	MO-FIL	srqt environ, rec	4/3/2021	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	84	%	EPA 608.3	-88	-88	35	111	
2020/21-3	MO-HUE	srqt environ	4/3/2021	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0755	µg/L	EPA 608.3	-88	-88			
2020/21-3	MO-HUE	srqt environ, rec	4/3/2021	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	76	%	EPA 608.3	-88	-88	35	111	
2020/21-3	MO-MEI	srqt environ	4/3/2021	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.368	µg/L	EPA 608.3	-88	-88			
2020/21-3	MO-MEI	srqt environ, rec	4/3/2021	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	74	%	EPA 608.3	-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	
2020/21-3	MO-MPK	srgt environ	4/3/2021	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.86	µg/L	EPA 608.3	-88	-88			
2020/21-3	MO-MPK	srgt environ, rec	4/3/2021	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	86	%	EPA 608.3	-88	-88	35	111	
2020/21-3	MO-OJA	srgt environ	4/2/2021	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.87	µg/L	EPA 608.3	-88	-88			
2020/21-3	MO-OJA	srgt environ, rec	4/2/2021	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	87	%	EPA 608.3	-88	-88	35	111	
2020/21-3	MO-OXN	srgt environ	4/3/2021	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.424	µg/L	EPA 608.3	-88	-88			
2020/21-3	MO-OXN	srgt environ, rec	4/3/2021	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	85	%	EPA 608.3	-88	-88	35	111	
2020/21-3	MO-SIM	srgt environ	4/3/2021	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.443	µg/L	EPA 608.3	-88	-88			
2020/21-3	MO-SIM	srgt environ, rec	4/3/2021	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	89	%	EPA 608.3	-88	-88	35	111	
2020/21-3	MO-SPA	srgt environ	4/3/2021	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.686	µg/L	EPA 608.3	-88	-88			
2020/21-3	MO-SPA	srgt environ, rec	4/3/2021	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	69	%	EPA 608.3	-88	-88	35	111	
2020/21-3	MO-THO	srgt environ	4/3/2021	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.316	µg/L	EPA 608.3	-88	-88			
2020/21-3	MO-THO	srgt environ, rec	4/3/2021	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	63	%	EPA 608.3	-88	-88	35	111	
2020/21-3	MO-VEN	srgt environ	4/3/2021	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.83	µg/L	EPA 608.3	-88	-88			
2020/21-3	MO-VEN	srgt environ, rec	4/3/2021	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	83	%	EPA 608.3	-88	-88	35	111	
2020/21-3	Lab	srgt method blank	3/16/2021	Organic	Triphenylphosphate	n/a	=	5.29	µg/L	EPA 525.2	-88	-88			
2020/21-3	Lab	srgt method blank, rec	3/16/2021	Organic	Triphenylphosphate	n/a	=	106	%	EPA 525.2	-88	-88	70	130	
2020/21-3	Lab	srgt LCS	3/16/2021	Organic	Triphenylphosphate	n/a	=	6.24	µg/L	EPA 525.2	-88	-88			
2020/21-3	Lab	srgt LCS, rec	3/16/2021	Organic	Triphenylphosphate	n/a	=	125	%	EPA 525.2	-88	-88	70	130	
2020/21-3	Lab	srgt LCS dup	3/16/2021	Organic	Triphenylphosphate	n/a	=	6.43	µg/L	EPA 525.2	-88	-88			
2020/21-3	Lab	srgt LCS dup, rec	3/16/2021	Organic	Triphenylphosphate	n/a	=	129	%	EPA 525.2	-88	-88	70	130	
2020/21-3	Lab	srgt method blank	3/17/2021	Organic	Triphenylphosphate	n/a	=	0.806	µg/L	EPA 625.1m	-88	-88			
2020/21-3	Lab	srgt method blank, rec	3/17/2021	Organic	Triphenylphosphate	n/a	=	161	%	EPA 625.1m	-88	-88	34	164	
2020/21-3	Lab	srgt LCS	3/17/2021	Organic	Triphenylphosphate	n/a	=	0.735	µg/L	EPA 625.1m	-88	-88			
2020/21-3	Lab	srgt LCS, rec	3/17/2021	Organic	Triphenylphosphate	n/a	=	147	%	EPA 625.1m	-88	-88	34	164	
2020/21-3	Lab	srgt method blank	3/19/2021	Organic	Triphenylphosphate	n/a	=	0.663	µg/L	EPA 625.1m	-88	-88			
2020/21-3	Lab	srgt method blank, rec	3/19/2021	Organic	Triphenylphosphate	n/a	=	133	%	EPA 625.1m	-88	-88	34	164	
2020/21-3	Lab	srgt LCS	3/20/2021	Organic	Triphenylphosphate	n/a	=	0.75	µg/L	EPA 625.1m	-88	-88			
2020/21-3	Lab	srgt LCS, rec	3/20/2021	Organic	Triphenylphosphate	n/a	=	150	%	EPA 625.1m	-88	-88	34	164	
2020/21-3	Lab	srgt method blank	3/22/2021	Organic	Triphenylphosphate	n/a	=	5.43	µg/L	EPA 525.2	-88	-88			
2020/21-3	Lab	srgt method blank, rec	3/22/2021	Organic	Triphenylphosphate	n/a	=	109	%	EPA 525.2	-88	-88	70	130	
2020/21-3	Lab	srgt LCS	3/22/2021	Organic	Triphenylphosphate	n/a	=	6.41	µg/L	EPA 525.2	-88	-88			
2020/21-3	Lab	srgt LCS, rec	3/22/2021	Organic	Triphenylphosphate	n/a	=	128	%	EPA 525.2	-88	-88	70	130	
2020/21-3	Lab	srgt LCS dup	3/22/2021	Organic	Triphenylphosphate	n/a	=	6.33	µg/L	EPA 525.2	-88	-88			
2020/21-3	Lab	srgt LCS dup, rec	3/22/2021	Organic	Triphenylphosphate	n/a	=	127	%	EPA 525.2	-88	-88	70	130	
2020/21-3	ME-CC	srgt matrix spike	3/20/2021	Organic	Triphenylphosphate	n/a	=	1.88	µg/L	EPA 625.1m	-88	-88			GN
2020/21-3	ME-CC	srgt matrix spike, rec	3/20/2021	Organic	Triphenylphosphate	n/a	=	188	%	EPA 625.1m	-88	-88	34	164	GN
2020/21-3	ME-CC	srgt matrix spike dup	3/20/2021	Organic	Triphenylphosphate	n/a	=	1.77	µg/L	EPA 625.1m	-88	-88			GN
2020/21-3	ME-CC	srgt matrix spike dup, rec	3/20/2021	Organic	Triphenylphosphate	n/a	=	177	%	EPA 625.1m	-88	-88	34	164	GN
2020/21-3	ME-CC	srgt environ	3/20/2021	Organic	Triphenylphosphate	n/a	=	1.69	µg/L	EPA 625.1m	-88	-88			GN
2020/21-3	ME-CC	srgt environ, rec	3/20/2021	Organic	Triphenylphosphate	n/a	=	169	%	EPA 625.1m	-88	-88	34	164	GN
2020/21-3	ME-CC	srgt environ	3/22/2021	Organic	Triphenylphosphate	n/a	=	26.2	µg/L	EPA 525.2	-88	-88			GN
2020/21-3	ME-CC	srgt environ, rec	3/22/2021	Organic	Triphenylphosphate	n/a	=	131	%	EPA 525.2	-88	-88	70	130	GN
2020/21-3	ME-SCR	srgt environ	3/20/2021	Organic	Triphenylphosphate	n/a	=	0.619	µg/L	EPA 625.1m	-88	-88			GN
2020/21-3	ME-SCR	srgt environ, rec	3/20/2021	Organic	Triphenylphosphate	n/a	=	124	%	EPA 625.1m	-88	-88	34	164	GN
2020/21-3	ME-SCR	srgt environ	3/22/2021	Organic	Triphenylphosphate	n/a	=	6.96	µg/L	EPA 525.2	-88	-88			GN
2020/21-3	ME-SCR	srgt environ, rec	3/22/2021	Organic	Triphenylphosphate	n/a	=	139	%	EPA 525.2	-88	-88	70	130	GN
2020/21-3	ME-VR2	srgt environ	3/17/2021	Organic	Triphenylphosphate	n/a	=	6.2	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	
2020/21-3	ME-VR2	srgt environ, rec	3/17/2021	Organic	Triphenylphosphate	n/a	=	124	%	EPA 525.2	-88	-88	70	130	
2020/21-3	ME-VR2	srgt environ	3/18/2021	Organic	Triphenylphosphate	n/a	=	0.706	µg/L	EPA 625.1m	-88	-88			
2020/21-3	ME-VR2	srgt environ, rec	3/18/2021	Organic	Triphenylphosphate	n/a	=	141	%	EPA 625.1m	-88	-88	34	164	
2020/21-3	MO-CAM	srgt environ	3/17/2021	Organic	Triphenylphosphate	n/a	=	27.5	µg/L	EPA 525.2	-88	-88			GN
2020/21-3	MO-CAM	srgt environ, rec	3/17/2021	Organic	Triphenylphosphate	n/a	=	137	%	EPA 525.2	-88	-88	70	130	GN
2020/21-3	MO-CAM	srgt environ	3/18/2021	Organic	Triphenylphosphate	n/a	=	1.65	µg/L	EPA 625.1m	-88	-88			GN
2020/21-3	MO-CAM	srgt environ, rec	3/18/2021	Organic	Triphenylphosphate	n/a	=	165	%	EPA 625.1m	-88	-88	34	164	GN
2020/21-3	MO-FIL	srgt environ	3/17/2021	Organic	Triphenylphosphate	n/a	=	26.3	µg/L	EPA 525.2	-88	-88			GN
2020/21-3	MO-FIL	srgt environ, rec	3/17/2021	Organic	Triphenylphosphate	n/a	=	131	%	EPA 525.2	-88	-88	70	130	GN
2020/21-3	MO-FIL	srgt environ	3/18/2021	Organic	Triphenylphosphate	n/a	=	1.26	µg/L	EPA 625.1m	-88	-88			GN
2020/21-3	MO-FIL	srgt environ, rec	3/18/2021	Organic	Triphenylphosphate	n/a	=	126	%	EPA 625.1m	-88	-88	34	164	GN
2020/21-3	MO-HUE	srgt environ	3/17/2021	Organic	Triphenylphosphate	n/a	=	7.19	µg/L	EPA 525.2	-88	-88			GN
2020/21-3	MO-HUE	srgt environ, rec	3/17/2021	Organic	Triphenylphosphate	n/a	=	144	%	EPA 525.2	-88	-88	70	130	GN
2020/21-3	MO-HUE	srgt environ	3/20/2021	Organic	Triphenylphosphate	n/a	=	1.41	µg/L	EPA 625.1m	-88	-88			GN
2020/21-3	MO-HUE	srgt environ, rec	3/20/2021	Organic	Triphenylphosphate	n/a	=	141	%	EPA 625.1m	-88	-88	34	164	GN
2020/21-3	MO-MEI	srgt environ	3/17/2021	Organic	Triphenylphosphate	n/a	=	26.5	µg/L	EPA 525.2	-88	-88			GN
2020/21-3	MO-MEI	srgt environ, rec	3/17/2021	Organic	Triphenylphosphate	n/a	=	133	%	EPA 525.2	-88	-88	70	130	GN
2020/21-3	MO-MEI	srgt matrix spike	3/17/2021	Organic	Triphenylphosphate	n/a	=	0.909	µg/L	EPA 625.1m	-88	-88			GN
2020/21-3	MO-MEI	srgt matrix spike, rec	3/17/2021	Organic	Triphenylphosphate	n/a	=	182	%	EPA 625.1m	-88	-88	34	164	GN
2020/21-3	MO-MEI	srgt matrix spike dup	3/17/2021	Organic	Triphenylphosphate	n/a	=	0.964	µg/L	EPA 625.1m	-88	-88			GN
2020/21-3	MO-MEI	srgt matrix spike dup, rec	3/17/2021	Organic	Triphenylphosphate	n/a	=	193	%	EPA 625.1m	-88	-88	34	164	GN
2020/21-3	MO-MEI	srgt environ	3/18/2021	Organic	Triphenylphosphate	n/a	=	0.835	µg/L	EPA 625.1m	-88	-88			GN
2020/21-3	MO-MEI	srgt environ, rec	3/18/2021	Organic	Triphenylphosphate	n/a	=	167	%	EPA 625.1m	-88	-88	34	164	GN
2020/21-3	MO-MPK	srgt environ	3/17/2021	Organic	Triphenylphosphate	n/a	=	30.3	µg/L	EPA 525.2	-88	-88			GN
2020/21-3	MO-MPK	srgt environ, rec	3/17/2021	Organic	Triphenylphosphate	n/a	=	152	%	EPA 525.2	-88	-88	70	130	GN
2020/21-3	MO-MPK	srgt environ	3/18/2021	Organic	Triphenylphosphate	n/a	=	1.79	µg/L	EPA 625.1m	-88	-88			GN
2020/21-3	MO-MPK	srgt environ, rec	3/18/2021	Organic	Triphenylphosphate	n/a	=	179	%	EPA 625.1m	-88	-88	34	164	GN
2020/21-3	MO-OJA	srgt environ	3/17/2021	Organic	Triphenylphosphate	n/a	=	33.7	µg/L	EPA 525.2	-88	-88			GN
2020/21-3	MO-OJA	srgt environ, rec	3/17/2021	Organic	Triphenylphosphate	n/a	=	135	%	EPA 525.2	-88	-88	70	130	GN
2020/21-3	MO-OJA	srgt environ	3/18/2021	Organic	Triphenylphosphate	n/a	=	1.82	µg/L	EPA 625.1m	-88	-88			GN
2020/21-3	MO-OJA	srgt environ, rec	3/18/2021	Organic	Triphenylphosphate	n/a	=	182	%	EPA 625.1m	-88	-88	34	164	GN
2020/21-3	MO-OXN	srgt environ	3/17/2021	Organic	Triphenylphosphate	n/a	=	26.6	µg/L	EPA 525.2	-88	-88			GN
2020/21-3	MO-OXN	srgt environ, rec	3/17/2021	Organic	Triphenylphosphate	n/a	=	133	%	EPA 525.2	-88	-88	70	130	GN
2020/21-3	MO-OXN	srgt environ	3/18/2021	Organic	Triphenylphosphate	n/a	=	0.984	µg/L	EPA 625.1m	-88	-88			GN
2020/21-3	MO-OXN	srgt environ, rec	3/18/2021	Organic	Triphenylphosphate	n/a	=	98	%	EPA 625.1m	-88	-88	34	164	GN
2020/21-3	MO-SIM	srgt environ	3/17/2021	Organic	Triphenylphosphate	n/a	=	6.29	µg/L	EPA 525.2	-88	-88			GN
2020/21-3	MO-SIM	srgt environ, rec	3/17/2021	Organic	Triphenylphosphate	n/a	=	126	%	EPA 525.2	-88	-88	70	130	GN
2020/21-3	MO-SIM	srgt environ	3/18/2021	Organic	Triphenylphosphate	n/a	=	0.452	µg/L	EPA 625.1m	-88	-88			GN
2020/21-3	MO-SIM	srgt environ, rec	3/18/2021	Organic	Triphenylphosphate	n/a	=	90	%	EPA 625.1m	-88	-88	34	164	GN
2020/21-3	MO-SPA	srgt environ	3/17/2021	Organic	Triphenylphosphate	n/a	=	26.7	µg/L	EPA 525.2	-88	-88			GN
2020/21-3	MO-SPA	srgt environ, rec	3/17/2021	Organic	Triphenylphosphate	n/a	=	133	%	EPA 525.2	-88	-88	70	130	GN
2020/21-3	MO-SPA	srgt environ	3/18/2021	Organic	Triphenylphosphate	n/a	=	0.949	µg/L	EPA 625.1m	-88	-88			GN
2020/21-3	MO-SPA	srgt environ, rec	3/18/2021	Organic	Triphenylphosphate	n/a	=	95	%	EPA 625.1m	-88	-88	34	164	GN
2020/21-3	MO-THO	srgt environ	3/17/2021	Organic	Triphenylphosphate	n/a	=	13.7	µg/L	EPA 525.2	-88	-88			GN
2020/21-3	MO-THO	srgt environ, rec	3/17/2021	Organic	Triphenylphosphate	n/a	=	137	%	EPA 525.2	-88	-88	70	130	GN
2020/21-3	MO-THO	srgt environ	3/20/2021	Organic	Triphenylphosphate	n/a	=	1.4	µg/L	EPA 625.1m	-88	-88			GN
2020/21-3	MO-THO	srgt environ, rec	3/20/2021	Organic	Triphenylphosphate	n/a	=	140	%	EPA 625.1m	-88	-88	34	164	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	
2020/21-3	MO-VEN	srgt environ	3/17/2021	Organic	Triphenylphosphate	n/a	=	26.9	µg/L	EPA 525.2	-88	-88			GN
2020/21-3	MO-VEN	srgt environ, rec	3/17/2021	Organic	Triphenylphosphate	n/a	=	135	%	EPA 525.2	-88	-88	70	130	GN
2020/21-3	MO-VEN	srgt environ	3/18/2021	Organic	Triphenylphosphate	n/a	=	1.07	µg/L	EPA 625.1m	-88	-88			
2020/21-3	MO-VEN	srgt environ, rec	3/18/2021	Organic	Triphenylphosphate	n/a	=	107	%	EPA 625.1m	-88	-88	34	164	
2020/21-3	Lab	srgt method blank	4/2/2021	PCB	PCB 209	n/a	=	0.0922	µg/L	EPA 608.3	-88	-88			
2020/21-3	Lab	srgt method blank, rec	4/2/2021	PCB	PCB 209	n/a	=	92	%	EPA 608.3	-88	-88	33	133	
2020/21-3	Lab	srgt LCS	4/2/2021	PCB	PCB 209	n/a	=	0.0903	µg/L	EPA 608.3	-88	-88			
2020/21-3	Lab	srgt LCS, rec	4/2/2021	PCB	PCB 209	n/a	=	90	%	EPA 608.3	-88	-88	33	133	
2020/21-3	Lab	srgt LCS dup	4/2/2021	PCB	PCB 209	n/a	=	0.0923	µg/L	EPA 608.3	-88	-88			
2020/21-3	Lab	srgt LCS dup, rec	4/2/2021	PCB	PCB 209	n/a	=	92	%	EPA 608.3	-88	-88	33	133	
2020/21-3	ME-CC	srgt environ	4/2/2021	PCB	PCB 209	n/a	=	0.837	µg/L	EPA 608.3	-88	-88			
2020/21-3	ME-CC	srgt environ, rec	4/2/2021	PCB	PCB 209	n/a	=	84	%	EPA 608.3	-88	-88	34	125	
2020/21-3	ME-SCR	srgt environ	4/2/2021	PCB	PCB 209	n/a	=	0.0992	µg/L	EPA 608.3	-88	-88			
2020/21-3	ME-SCR	srgt environ, rec	4/2/2021	PCB	PCB 209	n/a	=	99	%	EPA 608.3	-88	-88	34	125	
2020/21-3	ME-VR2	srgt environ	4/2/2021	PCB	PCB 209	n/a	=	0.0795	µg/L	EPA 608.3	-88	-88			
2020/21-3	ME-VR2	srgt environ, rec	4/2/2021	PCB	PCB 209	n/a	=	79	%	EPA 608.3	-88	-88	34	125	
2020/21-3	MO-CAM	srgt environ	4/2/2021	PCB	PCB 209	n/a	=	0.3	µg/L	EPA 608.3	-88	-88			
2020/21-3	MO-CAM	srgt environ, rec	4/2/2021	PCB	PCB 209	n/a	=	60	%	EPA 608.3	-88	-88	34	125	
2020/21-3	MO-FIL	srgt environ	4/3/2021	PCB	PCB 209	n/a	=	0.364	µg/L	EPA 608.3	-88	-88			
2020/21-3	MO-FIL	srgt environ, rec	4/3/2021	PCB	PCB 209	n/a	=	73	%	EPA 608.3	-88	-88	34	125	
2020/21-3	MO-HUE	srgt environ	4/3/2021	PCB	PCB 209	n/a	=	0.0754	µg/L	EPA 608.3	-88	-88			
2020/21-3	MO-HUE	srgt environ, rec	4/3/2021	PCB	PCB 209	n/a	=	75	%	EPA 608.3	-88	-88	34	125	
2020/21-3	MO-MEI	srgt environ	4/3/2021	PCB	PCB 209	n/a	=	0.327	µg/L	EPA 608.3	-88	-88			
2020/21-3	MO-MEI	srgt environ, rec	4/3/2021	PCB	PCB 209	n/a	=	65	%	EPA 608.3	-88	-88	34	125	
2020/21-3	MO-MPK	srgt environ	4/3/2021	PCB	PCB 209	n/a	=	0.742	µg/L	EPA 608.3	-88	-88			
2020/21-3	MO-MPK	srgt environ, rec	4/3/2021	PCB	PCB 209	n/a	=	74	%	EPA 608.3	-88	-88	34	125	
2020/21-3	MO-OJA	srgt environ	4/2/2021	PCB	PCB 209	n/a	=	0.63	µg/L	EPA 608.3	-88	-88			
2020/21-3	MO-OJA	srgt environ, rec	4/2/2021	PCB	PCB 209	n/a	=	63	%	EPA 608.3	-88	-88	34	125	
2020/21-3	MO-OXN	srgt environ	4/3/2021	PCB	PCB 209	n/a	=	0.287	µg/L	EPA 608.3	-88	-88			
2020/21-3	MO-OXN	srgt environ, rec	4/3/2021	PCB	PCB 209	n/a	=	57	%	EPA 608.3	-88	-88	34	125	
2020/21-3	MO-SIM	srgt environ	4/3/2021	PCB	PCB 209	n/a	=	0.435	µg/L	EPA 608.3	-88	-88			
2020/21-3	MO-SIM	srgt environ, rec	4/3/2021	PCB	PCB 209	n/a	=	87	%	EPA 608.3	-88	-88	34	125	
2020/21-3	MO-SPA	srgt environ	4/3/2021	PCB	PCB 209	n/a	=	0.532	µg/L	EPA 608.3	-88	-88			
2020/21-3	MO-SPA	srgt environ, rec	4/3/2021	PCB	PCB 209	n/a	=	53	%	EPA 608.3	-88	-88	34	125	
2020/21-3	MO-THO	srgt environ	4/3/2021	PCB	PCB 209	n/a	=	0.429	µg/L	EPA 608.3	-88	-88			
2020/21-3	MO-THO	srgt environ, rec	4/3/2021	PCB	PCB 209	n/a	=	86	%	EPA 608.3	-88	-88	34	125	
2020/21-3	MO-VEN	srgt environ	4/3/2021	PCB	PCB 209	n/a	=	0.643	µg/L	EPA 608.3	-88	-88			
2020/21-3	MO-VEN	srgt environ, rec	4/3/2021	PCB	PCB 209	n/a	=	64	%	EPA 608.3	-88	-88	34	125	
2020/21-3	Lab	method blank	4/2/2021	PCB	PCB Aroclor 1016	n/a	<	0.029	µg/L	EPA 608.3	0.029	0.5			
2020/21-3	Lab	method blank	4/2/2021	PCB	PCB Aroclor 1221	n/a	<	0.06	µg/L	EPA 608.3	0.06	0.5			
2020/21-3	Lab	method blank	4/2/2021	PCB	PCB Aroclor 1232	n/a	<	0.1	µg/L	EPA 608.3	0.1	0.5			
2020/21-3	Lab	method blank	4/2/2021	PCB	PCB Aroclor 1242	n/a	<	0.07	µg/L	EPA 608.3	0.07	0.5			
2020/21-3	Lab	method blank	4/2/2021	PCB	PCB Aroclor 1248	n/a	<	0.06	µg/L	EPA 608.3	0.06	0.5			
2020/21-3	Lab	method blank	4/2/2021	PCB	PCB Aroclor 1254	n/a	<	0.04	µg/L	EPA 608.3	0.04	0.5			
2020/21-3	Lab	method blank	4/2/2021	PCB	PCB Aroclor 1260	n/a	<	0.055	µg/L	EPA 608.3	0.055	0.5			
2020/21-3	Lab	method blank	3/27/2021	Pesticide	2,4,5-T	n/a	<	0.055	µg/L	EPA 515.4	0.055	0.2			
2020/21-3	Lab	LCS	3/27/2021	Pesticide	2,4,5-T	n/a	=	3.81	µg/L	EPA 515.4	0.055	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	
2020/21-3	Lab	LCS, rec	3/27/2021	Pesticide	2,4,5-T	n/a	=	95	%	EPA 515.4	-88	-88	70	130	
2020/21-3	ME-CC	matrix spike	3/27/2021	Pesticide	2,4,5-T	n/a	=	3.76	µg/L	EPA 515.4	0.055	0.2			
2020/21-3	ME-CC	matrix spike, rec	3/27/2021	Pesticide	2,4,5-T	n/a	=	94	%	EPA 515.4	-88	-88	70	130	
2020/21-3	ME-CC	matrix spike dup	3/27/2021	Pesticide	2,4,5-T	n/a	=	3.92	µg/L	EPA 515.4	0.055	0.2			
2020/21-3	ME-CC	matrix spike dup, rec	3/27/2021	Pesticide	2,4,5-T	n/a	=	98	%	EPA 515.4	-88	-88	70	130	
2020/21-3	ME-CC	matrix spike, RPD	3/27/2021	Pesticide	2,4,5-T	n/a	=	4	%	EPA 515.4	-88	-88	0	30	
2020/21-3	Lab	method blank	3/27/2021	Pesticide	2,4,5-TP	n/a	<	0.046	µg/L	EPA 515.4	0.046	0.2			
2020/21-3	Lab	LCS	3/27/2021	Pesticide	2,4,5-TP	n/a	=	3.86	µg/L	EPA 515.4	0.046	0.2			
2020/21-3	Lab	LCS, rec	3/27/2021	Pesticide	2,4,5-TP	n/a	=	97	%	EPA 515.4	-88	-88	70	130	
2020/21-3	ME-CC	matrix spike	3/27/2021	Pesticide	2,4,5-TP	n/a	=	3.61	µg/L	EPA 515.4	0.046	0.2			
2020/21-3	ME-CC	matrix spike, rec	3/27/2021	Pesticide	2,4,5-TP	n/a	=	90	%	EPA 515.4	-88	-88	70	130	
2020/21-3	ME-CC	matrix spike dup	3/27/2021	Pesticide	2,4,5-TP	n/a	=	3.64	µg/L	EPA 515.4	0.046	0.2			
2020/21-3	ME-CC	matrix spike dup, rec	3/27/2021	Pesticide	2,4,5-TP	n/a	=	91	%	EPA 515.4	-88	-88	70	130	
2020/21-3	ME-CC	matrix spike, RPD	3/27/2021	Pesticide	2,4,5-TP	n/a	=	0.8	%	EPA 515.4	-88	-88	0	30	
2020/21-3	Lab	method blank	3/27/2021	Pesticide	2,4-D	n/a	<	0.14	µg/L	EPA 515.4	0.14	0.4			
2020/21-3	Lab	LCS	3/27/2021	Pesticide	2,4-D	n/a	=	7.69	µg/L	EPA 515.4	0.14	0.4			
2020/21-3	Lab	LCS, rec	3/27/2021	Pesticide	2,4-D	n/a	=	96	%	EPA 515.4	-88	-88	70	130	
2020/21-3	ME-CC	matrix spike	3/27/2021	Pesticide	2,4-D	n/a	=	7.88	µg/L	EPA 515.4	0.14	0.4			
2020/21-3	ME-CC	matrix spike, rec	3/27/2021	Pesticide	2,4-D	n/a	=	99	%	EPA 515.4	-88	-88	70	130	
2020/21-3	ME-CC	matrix spike dup	3/27/2021	Pesticide	2,4-D	n/a	=	7.92	µg/L	EPA 515.4	0.14	0.4			
2020/21-3	ME-CC	matrix spike dup, rec	3/27/2021	Pesticide	2,4-D	n/a	=	99	%	EPA 515.4	-88	-88	70	130	
2020/21-3	ME-CC	matrix spike, RPD	3/27/2021	Pesticide	2,4-D	n/a	=	0.4	%	EPA 515.4	-88	-88	0	30	
2020/21-3	Lab	method blank	3/27/2021	Pesticide	2,4-DB	n/a	<	0.19	µg/L	EPA 515.4	0.19	2			
2020/21-3	Lab	LCS	3/27/2021	Pesticide	2,4-DB	n/a	=	14.9	µg/L	EPA 515.4	0.19	2			
2020/21-3	Lab	LCS, rec	3/27/2021	Pesticide	2,4-DB	n/a	=	93	%	EPA 515.4	-88	-88	70	130	
2020/21-3	ME-CC	matrix spike	3/27/2021	Pesticide	2,4-DB	n/a	=	18.1	µg/L	EPA 515.4	0.19	2			
2020/21-3	ME-CC	matrix spike, rec	3/27/2021	Pesticide	2,4-DB	n/a	=	113	%	EPA 515.4	-88	-88	70	130	
2020/21-3	ME-CC	matrix spike dup	3/27/2021	Pesticide	2,4-DB	n/a	=	17.6	µg/L	EPA 515.4	0.19	2			
2020/21-3	ME-CC	matrix spike dup, rec	3/27/2021	Pesticide	2,4-DB	n/a	=	110	%	EPA 515.4	-88	-88	70	130	
2020/21-3	ME-CC	matrix spike, RPD	3/27/2021	Pesticide	2,4-DB	n/a	=	3	%	EPA 515.4	-88	-88	0	30	
2020/21-3	Lab	method blank	3/27/2021	Pesticide	3,5-Dichlorobenzoic acid	n/a	<	0.12	µg/L	EPA 515.4	0.12	1			
2020/21-3	Lab	LCS	3/27/2021	Pesticide	3,5-Dichlorobenzoic acid	n/a	=	7.82	µg/L	EPA 515.4	0.12	1			
2020/21-3	Lab	LCS, rec	3/27/2021	Pesticide	3,5-Dichlorobenzoic acid	n/a	=	98	%	EPA 515.4	-88	-88	70	130	
2020/21-3	ME-CC	matrix spike	3/27/2021	Pesticide	3,5-Dichlorobenzoic acid	n/a	=	7.8	µg/L	EPA 515.4	0.12	1			
2020/21-3	ME-CC	matrix spike, rec	3/27/2021	Pesticide	3,5-Dichlorobenzoic acid	n/a	=	97	%	EPA 515.4	-88	-88	70	130	
2020/21-3	ME-CC	matrix spike dup	3/27/2021	Pesticide	3,5-Dichlorobenzoic acid	n/a	=	7.83	µg/L	EPA 515.4	0.12	1			
2020/21-3	ME-CC	matrix spike dup, rec	3/27/2021	Pesticide	3,5-Dichlorobenzoic acid	n/a	=	98	%	EPA 515.4	-88	-88	70	130	
2020/21-3	ME-CC	matrix spike, RPD	3/27/2021	Pesticide	3,5-Dichlorobenzoic acid	n/a	=	0.5	%	EPA 515.4	-88	-88	0	30	
2020/21-3	Lab	method blank	4/2/2021	Pesticide	4,4'-DDD	n/a	<	0.0007	µg/L	EPA 608.3	0.0007	0.05			
2020/21-3	Lab	LCS	4/2/2021	Pesticide	4,4'-DDD	n/a	=	0.098	µg/L	EPA 608.3	0.0007	0.05			
2020/21-3	Lab	LCS, rec	4/2/2021	Pesticide	4,4'-DDD	n/a	=	98	%	EPA 608.3	-88	-88	48	130	
2020/21-3	Lab	LCS dup	4/2/2021	Pesticide	4,4'-DDD	n/a	=	0.1	µg/L	EPA 608.3	0.0007	0.05			
2020/21-3	Lab	LCS dup, rec	4/2/2021	Pesticide	4,4'-DDD	n/a	=	100	%	EPA 608.3	-88	-88	48	130	
2020/21-3	Lab	LCS, RPD	4/2/2021	Pesticide	4,4'-DDD	n/a	=	2	%	EPA 608.3	-88	-88	0	30	
2020/21-3	Lab	method blank	4/2/2021	Pesticide	4,4'-DDE	n/a	<	0.0007	µg/L	EPA 608.3	0.0007	0.05			
2020/21-3	Lab	LCS	4/2/2021	Pesticide	4,4'-DDE	n/a	=	0.0982	µg/L	EPA 608.3	0.0007	0.05			
2020/21-3	Lab	LCS, rec	4/2/2021	Pesticide	4,4'-DDE	n/a	=	98	%	EPA 608.3	-88	-88	54	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	
2020/21-3	Lab	LCS dup	4/2/2021	Pesticide	4,4'-DDE	n/a	=	0.101	µg/L	EPA 608.3	0.0007	0.05			
2020/21-3	Lab	LCS dup, rec	4/2/2021	Pesticide	4,4'-DDE	n/a	=	101	%	EPA 608.3	-88	-88	54	130	
2020/21-3	Lab	LCS, RPD	4/2/2021	Pesticide	4,4'-DDE	n/a	=	3	%	EPA 608.3	-88	-88	0	30	
2020/21-3	Lab	method blank	4/2/2021	Pesticide	4,4'-DDT	n/a	<	0.0011	µg/L	EPA 608.3	0.0011	0.01			
2020/21-3	Lab	LCS	4/2/2021	Pesticide	4,4'-DDT	n/a	=	0.11	µg/L	EPA 608.3	0.0011	0.01			
2020/21-3	Lab	LCS, rec	4/2/2021	Pesticide	4,4'-DDT	n/a	=	110	%	EPA 608.3	-88	-88	46	137	
2020/21-3	Lab	LCS dup	4/2/2021	Pesticide	4,4'-DDT	n/a	=	0.112	µg/L	EPA 608.3	0.0011	0.01			
2020/21-3	Lab	LCS dup, rec	4/2/2021	Pesticide	4,4'-DDT	n/a	=	112	%	EPA 608.3	-88	-88	46	137	
2020/21-3	Lab	LCS, RPD	4/2/2021	Pesticide	4,4'-DDT	n/a	=	2	%	EPA 608.3	-88	-88	0	30	
2020/21-3	Lab	method blank	3/27/2021	Pesticide	Acifluorfen	n/a	<	0.072	µg/L	EPA 515.4	0.072	0.4			
2020/21-3	Lab	LCS	3/27/2021	Pesticide	Acifluorfen	n/a	=	3.66	µg/L	EPA 515.4	0.072	0.4			
2020/21-3	Lab	LCS, rec	3/27/2021	Pesticide	Acifluorfen	n/a	=	91	%	EPA 515.4	-88	-88	70	130	
2020/21-3	ME-CC	matrix spike	3/27/2021	Pesticide	Acifluorfen	n/a	=	3.79	µg/L	EPA 515.4	0.072	0.4			
2020/21-3	ME-CC	matrix spike, rec	3/27/2021	Pesticide	Acifluorfen	n/a	=	95	%	EPA 515.4	-88	-88	70	130	
2020/21-3	ME-CC	matrix spike dup	3/27/2021	Pesticide	Acifluorfen	n/a	=	3.8	µg/L	EPA 515.4	0.072	0.4			
2020/21-3	ME-CC	matrix spike dup, rec	3/27/2021	Pesticide	Acifluorfen	n/a	=	95	%	EPA 515.4	-88	-88	70	130	
2020/21-3	ME-CC	matrix spike, RPD	3/27/2021	Pesticide	Acifluorfen	n/a	=	0.2	%	EPA 515.4	-88	-88	0	30	
2020/21-3	Lab	method blank	3/16/2021	Pesticide	Alachlor	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1			
2020/21-3	Lab	LCS	3/16/2021	Pesticide	Alachlor	n/a	=	5.46	µg/L	EPA 525.2	0.03	0.1			
2020/21-3	Lab	LCS, rec	3/16/2021	Pesticide	Alachlor	n/a	=	109	%	EPA 525.2	-88	-88	70	130	
2020/21-3	Lab	LCS dup	3/16/2021	Pesticide	Alachlor	n/a	=	5.33	µg/L	EPA 525.2	0.03	0.1			
2020/21-3	Lab	LCS dup, rec	3/16/2021	Pesticide	Alachlor	n/a	=	107	%	EPA 525.2	-88	-88	70	130	
2020/21-3	Lab	LCS, RPD	3/16/2021	Pesticide	Alachlor	n/a	=	2	%	EPA 525.2	-88	-88	0	30	
2020/21-3	Lab	method blank	3/22/2021	Pesticide	Alachlor	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1			
2020/21-3	Lab	LCS	3/22/2021	Pesticide	Alachlor	n/a	=	5.05	µg/L	EPA 525.2	0.03	0.1			
2020/21-3	Lab	LCS, rec	3/22/2021	Pesticide	Alachlor	n/a	=	101	%	EPA 525.2	-88	-88	70	130	
2020/21-3	Lab	LCS dup	3/22/2021	Pesticide	Alachlor	n/a	=	5.46	µg/L	EPA 525.2	0.03	0.1			
2020/21-3	Lab	LCS dup, rec	3/22/2021	Pesticide	Alachlor	n/a	=	109	%	EPA 525.2	-88	-88	70	130	
2020/21-3	Lab	LCS, RPD	3/22/2021	Pesticide	Alachlor	n/a	=	8	%	EPA 525.2	-88	-88	0	30	
2020/21-3	Lab	method blank	4/2/2021	Pesticide	Aldrin	n/a	<	0.001	µg/L	EPA 608.3	0.001	0.005			
2020/21-3	Lab	LCS	4/2/2021	Pesticide	Aldrin	n/a	=	0.092	µg/L	EPA 608.3	0.001	0.005			
2020/21-3	Lab	LCS, rec	4/2/2021	Pesticide	Aldrin	n/a	=	92	%	EPA 608.3	-88	-88	54	130	
2020/21-3	Lab	LCS dup	4/2/2021	Pesticide	Aldrin	n/a	=	0.0956	µg/L	EPA 608.3	0.001	0.005			
2020/21-3	Lab	LCS dup, rec	4/2/2021	Pesticide	Aldrin	n/a	=	96	%	EPA 608.3	-88	-88	54	130	
2020/21-3	Lab	LCS, RPD	4/2/2021	Pesticide	Aldrin	n/a	=	4	%	EPA 608.3	-88	-88	0	30	
2020/21-3	Lab	method blank	4/2/2021	Pesticide	alpha-BHC	n/a	<	0.0011	µg/L	EPA 608.3	0.0011	0.01			
2020/21-3	Lab	LCS	4/2/2021	Pesticide	alpha-BHC	n/a	=	0.0985	µg/L	EPA 608.3	0.0011	0.01			
2020/21-3	Lab	LCS, rec	4/2/2021	Pesticide	alpha-BHC	n/a	=	99	%	EPA 608.3	-88	-88	49	130	
2020/21-3	Lab	LCS dup	4/2/2021	Pesticide	alpha-BHC	n/a	=	0.103	µg/L	EPA 608.3	0.0011	0.01			
2020/21-3	Lab	LCS dup, rec	4/2/2021	Pesticide	alpha-BHC	n/a	=	103	%	EPA 608.3	-88	-88	49	130	
2020/21-3	Lab	LCS, RPD	4/2/2021	Pesticide	alpha-BHC	n/a	=	5	%	EPA 608.3	-88	-88	0	30	
2020/21-3	Lab	method blank	4/2/2021	Pesticide	alpha-Chlordane	n/a	<	0.0029	µg/L	EPA 608.3	0.0029	0.01			
2020/21-3	Lab	method blank	3/16/2021	Pesticide	Atrazine	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1			
2020/21-3	Lab	LCS	3/16/2021	Pesticide	Atrazine	n/a	=	5.69	µg/L	EPA 525.2	0.03	0.1			
2020/21-3	Lab	LCS, rec	3/16/2021	Pesticide	Atrazine	n/a	=	114	%	EPA 525.2	-88	-88	70	130	
2020/21-3	Lab	LCS dup	3/16/2021	Pesticide	Atrazine	n/a	=	6.12	µg/L	EPA 525.2	0.03	0.1			
2020/21-3	Lab	LCS dup, rec	3/16/2021	Pesticide	Atrazine	n/a	=	122	%	EPA 525.2	-88	-88	70	130	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2020/21-3	Lab	LCS, RPD	3/16/2021	Pesticide	Atrazine	n/a	=	7	%	EPA 525.2	-88	-88	0	30	
2020/21-3	Lab	method blank	3/22/2021	Pesticide	Atrazine	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1			
2020/21-3	Lab	LCS	3/22/2021	Pesticide	Atrazine	n/a	=	7.4	µg/L	EPA 525.2	0.03	0.1			EUM
2020/21-3	Lab	LCS, rec	3/22/2021	Pesticide	Atrazine	n/a	=	148	%	EPA 525.2	-88	-88	70	130	EUM
2020/21-3	Lab	LCS dup	3/22/2021	Pesticide	Atrazine	n/a	=	5.47	µg/L	EPA 525.2	0.03	0.1			
2020/21-3	Lab	LCS dup, rec	3/22/2021	Pesticide	Atrazine	n/a	=	109	%	EPA 525.2	-88	-88	70	130	
2020/21-3	Lab	LCS, RPD	3/22/2021	Pesticide	Atrazine	n/a	=	30	%	EPA 525.2	-88	-88	0	30	
2020/21-3	Lab	method blank	3/17/2021	Pesticide	Azinphos methyl	n/a	<	0.0055	µg/L	EPA 625.1m	0.0055	0.01			
2020/21-3	Lab	LCS	3/17/2021	Pesticide	Azinphos methyl	n/a	=	0.108	µg/L	EPA 625.1m	0.0055	0.01			EUM
2020/21-3	Lab	LCS, rec	3/17/2021	Pesticide	Azinphos methyl	n/a	=	215	%	EPA 625.1m	-88	-88	0.1	179	EUM
2020/21-3	Lab	method blank	3/19/2021	Pesticide	Azinphos methyl	n/a	<	0.0055	µg/L	EPA 625.1m	0.0055	0.01			
2020/21-3	Lab	LCS	3/20/2021	Pesticide	Azinphos methyl	n/a	=	0.0749	µg/L	EPA 625.1m	0.0055	0.01			
2020/21-3	Lab	LCS, rec	3/20/2021	Pesticide	Azinphos methyl	n/a	=	150	%	EPA 625.1m	-88	-88	0.1	179	
2020/21-3	ME-CC	matrix spike	3/20/2021	Pesticide	Azinphos methyl	n/a	=	0.229	µg/L	EPA 625.1m	0.011	0.02			GB
2020/21-3	ME-CC	matrix spike, rec	3/20/2021	Pesticide	Azinphos methyl	n/a	=	229	%	EPA 625.1m	-88	-88	0.1	153	GB
2020/21-3	ME-CC	matrix spike dup	3/20/2021	Pesticide	Azinphos methyl	n/a	=	0.213	µg/L	EPA 625.1m	0.011	0.02			GB
2020/21-3	ME-CC	matrix spike dup, rec	3/20/2021	Pesticide	Azinphos methyl	n/a	=	213	%	EPA 625.1m	-88	-88	0.1	153	GB
2020/21-3	ME-CC	matrix spike, RPD	3/20/2021	Pesticide	Azinphos methyl	n/a	=	7	%	EPA 625.1m	-88	-88	0	30	GB
2020/21-3	MO-MEI	matrix spike	3/17/2021	Pesticide	Azinphos methyl	n/a	=	0.133	µg/L	EPA 625.1m	0.0055	0.01			GB
2020/21-3	MO-MEI	matrix spike, rec	3/17/2021	Pesticide	Azinphos methyl	n/a	=	266	%	EPA 625.1m	-88	-88	0.1	153	GB
2020/21-3	MO-MEI	matrix spike dup	3/17/2021	Pesticide	Azinphos methyl	n/a	=	0.153	µg/L	EPA 625.1m	0.0055	0.01			GB
2020/21-3	MO-MEI	matrix spike dup, rec	3/17/2021	Pesticide	Azinphos methyl	n/a	=	306	%	EPA 625.1m	-88	-88	0.1	153	GB
2020/21-3	MO-MEI	matrix spike, RPD	3/17/2021	Pesticide	Azinphos methyl	n/a	=	14	%	EPA 625.1m	-88	-88	0	30	GB
2020/21-3	Lab	method blank	3/27/2021	Pesticide	Bentazon	n/a	<	0.23	µg/L	EPA 515.4	0.23	2			
2020/21-3	Lab	LCS	3/27/2021	Pesticide	Bentazon	n/a	=	14.8	µg/L	EPA 515.4	0.23	2			
2020/21-3	Lab	LCS, rec	3/27/2021	Pesticide	Bentazon	n/a	=	92	%	EPA 515.4	-88	-88	70	130	
2020/21-3	ME-CC	matrix spike	3/27/2021	Pesticide	Bentazon	n/a	=	14.8	µg/L	EPA 515.4	0.23	2			
2020/21-3	ME-CC	matrix spike, rec	3/27/2021	Pesticide	Bentazon	n/a	=	93	%	EPA 515.4	-88	-88	70	130	
2020/21-3	ME-CC	matrix spike dup	3/27/2021	Pesticide	Bentazon	n/a	=	14.9	µg/L	EPA 515.4	0.23	2			
2020/21-3	ME-CC	matrix spike dup, rec	3/27/2021	Pesticide	Bentazon	n/a	=	93	%	EPA 515.4	-88	-88	70	130	
2020/21-3	ME-CC	matrix spike, RPD	3/27/2021	Pesticide	Bentazon	n/a	=	0.5	%	EPA 515.4	-88	-88	0	30	
2020/21-3	Lab	method blank	4/2/2021	Pesticide	beta-BHC	n/a	<	0.0015	µg/L	EPA 608.3	0.0015	0.005			
2020/21-3	Lab	LCS	4/2/2021	Pesticide	beta-BHC	n/a	=	0.0999	µg/L	EPA 608.3	0.0015	0.005			
2020/21-3	Lab	LCS, rec	4/2/2021	Pesticide	beta-BHC	n/a	=	100	%	EPA 608.3	-88	-88	39	130	
2020/21-3	Lab	LCS dup	4/2/2021	Pesticide	beta-BHC	n/a	=	0.104	µg/L	EPA 608.3	0.0015	0.005			
2020/21-3	Lab	LCS dup, rec	4/2/2021	Pesticide	beta-BHC	n/a	=	104	%	EPA 608.3	-88	-88	39	130	
2020/21-3	Lab	LCS, RPD	4/2/2021	Pesticide	beta-BHC	n/a	=	4	%	EPA 608.3	-88	-88	0	30	
2020/21-3	Lab	method blank	3/17/2021	Pesticide	Bolstar	n/a	<	0.0046	µg/L	EPA 625.1m	0.0046	0.01			
2020/21-3	Lab	LCS	3/17/2021	Pesticide	Bolstar	n/a	=	0.0568	µg/L	EPA 625.1m	0.0046	0.01			
2020/21-3	Lab	LCS, rec	3/17/2021	Pesticide	Bolstar	n/a	=	114	%	EPA 625.1m	-88	-88	24	143	
2020/21-3	Lab	method blank	3/19/2021	Pesticide	Bolstar	n/a	<	0.0046	µg/L	EPA 625.1m	0.0046	0.01			
2020/21-3	Lab	LCS	3/20/2021	Pesticide	Bolstar	n/a	=	0.0563	µg/L	EPA 625.1m	0.0046	0.01			
2020/21-3	Lab	LCS, rec	3/20/2021	Pesticide	Bolstar	n/a	=	113	%	EPA 625.1m	-88	-88	24	143	
2020/21-3	ME-CC	matrix spike	3/20/2021	Pesticide	Bolstar	n/a	=	0.153	µg/L	EPA 625.1m	0.0092	0.02			
2020/21-3	ME-CC	matrix spike, rec	3/20/2021	Pesticide	Bolstar	n/a	=	153	%	EPA 625.1m	-88	-88	22	160	
2020/21-3	ME-CC	matrix spike dup	3/20/2021	Pesticide	Bolstar	n/a	=	0.166	µg/L	EPA 625.1m	0.0092	0.02			GB
2020/21-3	ME-CC	matrix spike dup, rec	3/20/2021	Pesticide	Bolstar	n/a	=	166	%	EPA 625.1m	-88	-88	22	160	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	
2020/21-3	ME-CC	matrix spike, RPD	3/20/2021	Pesticide	Bolstar	n/a	=	8	%	EPA 625.1m	-88	-88	0	30	GB
2020/21-3	MO-MEI	matrix spike	3/17/2021	Pesticide	Bolstar	n/a	=	0.107	µg/L	EPA 625.1m	0.0046	0.01			GB
2020/21-3	MO-MEI	matrix spike, rec	3/17/2021	Pesticide	Bolstar	n/a	=	214	%	EPA 625.1m	-88	-88	22	160	GB
2020/21-3	MO-MEI	matrix spike dup	3/17/2021	Pesticide	Bolstar	n/a	=	0.101	µg/L	EPA 625.1m	0.0046	0.01			GB
2020/21-3	MO-MEI	matrix spike dup, rec	3/17/2021	Pesticide	Bolstar	n/a	=	201	%	EPA 625.1m	-88	-88	22	160	GB
2020/21-3	MO-MEI	matrix spike, RPD	3/17/2021	Pesticide	Bolstar	n/a	=	6	%	EPA 625.1m	-88	-88	0	30	GB
2020/21-3	Lab	method blank	3/16/2021	Pesticide	Bromacil	n/a	<	0.16	µg/L	EPA 525.2	0.16	0.5			
2020/21-3	Lab	LCS	3/16/2021	Pesticide	Bromacil	n/a	=	5.53	µg/L	EPA 525.2	0.16	0.5			
2020/21-3	Lab	LCS, rec	3/16/2021	Pesticide	Bromacil	n/a	=	111	%	EPA 525.2	-88	-88	70	130	
2020/21-3	Lab	LCS dup	3/16/2021	Pesticide	Bromacil	n/a	=	5.5	µg/L	EPA 525.2	0.16	0.5			
2020/21-3	Lab	LCS dup, rec	3/16/2021	Pesticide	Bromacil	n/a	=	110	%	EPA 525.2	-88	-88	70	130	
2020/21-3	Lab	LCS, RPD	3/16/2021	Pesticide	Bromacil	n/a	=	0.6	%	EPA 525.2	-88	-88	0	30	
2020/21-3	Lab	method blank	3/22/2021	Pesticide	Bromacil	n/a	<	0.16	µg/L	EPA 525.2	0.16	0.5			
2020/21-3	Lab	LCS	3/22/2021	Pesticide	Bromacil	n/a	=	5.45	µg/L	EPA 525.2	0.16	0.5			
2020/21-3	Lab	LCS, rec	3/22/2021	Pesticide	Bromacil	n/a	=	109	%	EPA 525.2	-88	-88	70	130	
2020/21-3	Lab	LCS dup	3/22/2021	Pesticide	Bromacil	n/a	=	6.13	µg/L	EPA 525.2	0.16	0.5			
2020/21-3	Lab	LCS dup, rec	3/22/2021	Pesticide	Bromacil	n/a	=	123	%	EPA 525.2	-88	-88	70	130	
2020/21-3	Lab	LCS, RPD	3/22/2021	Pesticide	Bromacil	n/a	=	12	%	EPA 525.2	-88	-88	0	30	
2020/21-3	Lab	method blank	3/16/2021	Pesticide	Butachlor	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1			
2020/21-3	Lab	LCS	3/16/2021	Pesticide	Butachlor	n/a	=	5.47	µg/L	EPA 525.2	0.03	0.1			
2020/21-3	Lab	LCS, rec	3/16/2021	Pesticide	Butachlor	n/a	=	109	%	EPA 525.2	-88	-88	70	130	
2020/21-3	Lab	LCS dup	3/16/2021	Pesticide	Butachlor	n/a	=	5.27	µg/L	EPA 525.2	0.03	0.1			
2020/21-3	Lab	LCS dup, rec	3/16/2021	Pesticide	Butachlor	n/a	=	105	%	EPA 525.2	-88	-88	70	130	
2020/21-3	Lab	LCS, RPD	3/16/2021	Pesticide	Butachlor	n/a	=	4	%	EPA 525.2	-88	-88	0	30	
2020/21-3	Lab	method blank	3/22/2021	Pesticide	Butachlor	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1			
2020/21-3	Lab	LCS	3/22/2021	Pesticide	Butachlor	n/a	=	4.91	µg/L	EPA 525.2	0.03	0.1			
2020/21-3	Lab	LCS, rec	3/22/2021	Pesticide	Butachlor	n/a	=	98	%	EPA 525.2	-88	-88	70	130	
2020/21-3	Lab	LCS dup	3/22/2021	Pesticide	Butachlor	n/a	=	5.41	µg/L	EPA 525.2	0.03	0.1			
2020/21-3	Lab	LCS dup, rec	3/22/2021	Pesticide	Butachlor	n/a	=	108	%	EPA 525.2	-88	-88	70	130	
2020/21-3	Lab	LCS, RPD	3/22/2021	Pesticide	Butachlor	n/a	=	10	%	EPA 525.2	-88	-88	0	30	
2020/21-3	Lab	method blank	3/16/2021	Pesticide	Captan	n/a	<	0.16	µg/L	EPA 525.2	0.16	1			
2020/21-3	Lab	LCS	3/16/2021	Pesticide	Captan	n/a	=	6.44	µg/L	EPA 525.2	0.16	1			
2020/21-3	Lab	LCS, rec	3/16/2021	Pesticide	Captan	n/a	=	129	%	EPA 525.2	-88	-88	70	130	
2020/21-3	Lab	LCS dup	3/16/2021	Pesticide	Captan	n/a	=	6.66	µg/L	EPA 525.2	0.16	1			EUM
2020/21-3	Lab	LCS dup, rec	3/16/2021	Pesticide	Captan	n/a	=	133	%	EPA 525.2	-88	-88	70	130	EUM
2020/21-3	Lab	LCS, RPD	3/16/2021	Pesticide	Captan	n/a	=	3	%	EPA 525.2	-88	-88	0	30	
2020/21-3	Lab	method blank	3/22/2021	Pesticide	Captan	n/a	<	0.16	µg/L	EPA 525.2	0.16	1			
2020/21-3	Lab	LCS	3/22/2021	Pesticide	Captan	n/a	=	6.57	µg/L	EPA 525.2	0.16	1			EUM
2020/21-3	Lab	LCS, rec	3/22/2021	Pesticide	Captan	n/a	=	131	%	EPA 525.2	-88	-88	70	130	EUM
2020/21-3	Lab	LCS dup	3/22/2021	Pesticide	Captan	n/a	=	6.7	µg/L	EPA 525.2	0.16	1			EUM
2020/21-3	Lab	LCS dup, rec	3/22/2021	Pesticide	Captan	n/a	=	134	%	EPA 525.2	-88	-88	70	130	EUM
2020/21-3	Lab	LCS, RPD	3/22/2021	Pesticide	Captan	n/a	=	2	%	EPA 525.2	-88	-88	0	30	
2020/21-3	Lab	method blank	4/2/2021	Pesticide	Chlordane (technical)	n/a	<	0.043	µg/L	EPA 608.3	0.043	0.1			
2020/21-3	Lab	method blank	3/16/2021	Pesticide	Chloroprotham	n/a	<	0.04	µg/L	EPA 525.2	0.04	0.1			
2020/21-3	Lab	LCS	3/16/2021	Pesticide	Chloroprotham	n/a	=	5.79	µg/L	EPA 525.2	0.04	0.1			
2020/21-3	Lab	LCS, rec	3/16/2021	Pesticide	Chloroprotham	n/a	=	116	%	EPA 525.2	-88	-88	70	130	
2020/21-3	Lab	LCS dup	3/16/2021	Pesticide	Chloroprotham	n/a	=	6.39	µg/L	EPA 525.2	0.04	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	
2020/21-3	Lab	LCS dup, rec	3/16/2021	Pesticide	Chloroprotham	n/a	=	128	%	EPA 525.2	-88	-88	70	130	
2020/21-3	Lab	LCS, RPD	3/16/2021	Pesticide	Chloroprotham	n/a	=	10	%	EPA 525.2	-88	-88	0	30	
2020/21-3	Lab	method blank	3/22/2021	Pesticide	Chloroprotham	n/a	<	0.04	µg/L	EPA 525.2	0.04	0.1			
2020/21-3	Lab	LCS	3/22/2021	Pesticide	Chloroprotham	n/a	=	6.91	µg/L	EPA 525.2	0.04	0.1			EUM
2020/21-3	Lab	LCS, rec	3/22/2021	Pesticide	Chloroprotham	n/a	=	138	%	EPA 525.2	-88	-88	70	130	EUM
2020/21-3	Lab	LCS dup	3/22/2021	Pesticide	Chloroprotham	n/a	=	5.52	µg/L	EPA 525.2	0.04	0.1			
2020/21-3	Lab	LCS dup, rec	3/22/2021	Pesticide	Chloroprotham	n/a	=	110	%	EPA 525.2	-88	-88	70	130	
2020/21-3	Lab	LCS, RPD	3/22/2021	Pesticide	Chloroprotham	n/a	=	22	%	EPA 525.2	-88	-88	0	30	
2020/21-3	Lab	method blank	3/17/2021	Pesticide	Chlorpyrifos	n/a	<	0.0069	µg/L	EPA 625.1m	0.0069	0.01			
2020/21-3	Lab	LCS	3/17/2021	Pesticide	Chlorpyrifos	n/a	=	0.0631	µg/L	EPA 625.1m	0.0069	0.01			
2020/21-3	Lab	LCS, rec	3/17/2021	Pesticide	Chlorpyrifos	n/a	=	126	%	EPA 625.1m	-88	-88	50	150	
2020/21-3	Lab	method blank	3/19/2021	Pesticide	Chlorpyrifos	n/a	<	0.0069	µg/L	EPA 625.1m	0.0069	0.01			
2020/21-3	Lab	LCS	3/20/2021	Pesticide	Chlorpyrifos	n/a	=	0.0538	µg/L	EPA 625.1m	0.0069	0.01			
2020/21-3	Lab	LCS, rec	3/20/2021	Pesticide	Chlorpyrifos	n/a	=	108	%	EPA 625.1m	-88	-88	50	150	
2020/21-3	ME-CC	matrix spike	3/20/2021	Pesticide	Chlorpyrifos	n/a	=	0.131	µg/L	EPA 625.1m	0.014	0.02			
2020/21-3	ME-CC	matrix spike, rec	3/20/2021	Pesticide	Chlorpyrifos	n/a	=	131	%	EPA 625.1m	-88	-88	48	151	
2020/21-3	ME-CC	matrix spike dup	3/20/2021	Pesticide	Chlorpyrifos	n/a	=	0.138	µg/L	EPA 625.1m	0.014	0.02			
2020/21-3	ME-CC	matrix spike dup, rec	3/20/2021	Pesticide	Chlorpyrifos	n/a	=	138	%	EPA 625.1m	-88	-88	48	151	
2020/21-3	ME-CC	matrix spike, RPD	3/20/2021	Pesticide	Chlorpyrifos	n/a	=	5	%	EPA 625.1m	-88	-88	0	30	
2020/21-3	MO-MEI	matrix spike	3/17/2021	Pesticide	Chlorpyrifos	n/a	=	0.0734	µg/L	EPA 625.1m	0.0069	0.01			
2020/21-3	MO-MEI	matrix spike, rec	3/17/2021	Pesticide	Chlorpyrifos	n/a	=	147	%	EPA 625.1m	-88	-88	48	151	
2020/21-3	MO-MEI	matrix spike dup	3/17/2021	Pesticide	Chlorpyrifos	n/a	=	0.0698	µg/L	EPA 625.1m	0.0069	0.01			
2020/21-3	MO-MEI	matrix spike dup, rec	3/17/2021	Pesticide	Chlorpyrifos	n/a	=	140	%	EPA 625.1m	-88	-88	48	151	
2020/21-3	MO-MEI	matrix spike, RPD	3/17/2021	Pesticide	Chlorpyrifos	n/a	=	5	%	EPA 625.1m	-88	-88	0	30	
2020/21-3	Lab	method blank	3/17/2021	Pesticide	Coumaphos	n/a	<	0.0051	µg/L	EPA 625.1m	0.0051	0.01			
2020/21-3	Lab	LCS	3/17/2021	Pesticide	Coumaphos	n/a	=	0.105	µg/L	EPA 625.1m	0.0051	0.01			EUM
2020/21-3	Lab	LCS, rec	3/17/2021	Pesticide	Coumaphos	n/a	=	210	%	EPA 625.1m	-88	-88	0.1	184	EUM
2020/21-3	Lab	method blank	3/19/2021	Pesticide	Coumaphos	n/a	<	0.0051	µg/L	EPA 625.1m	0.0051	0.01			
2020/21-3	Lab	LCS	3/20/2021	Pesticide	Coumaphos	n/a	=	0.0956	µg/L	EPA 625.1m	0.0051	0.01			EUM
2020/21-3	Lab	LCS, rec	3/20/2021	Pesticide	Coumaphos	n/a	=	191	%	EPA 625.1m	-88	-88	0.1	184	EUM
2020/21-3	ME-CC	matrix spike	3/20/2021	Pesticide	Coumaphos	n/a	=	0.259	µg/L	EPA 625.1m	0.01	0.02			GB
2020/21-3	ME-CC	matrix spike, rec	3/20/2021	Pesticide	Coumaphos	n/a	=	259	%	EPA 625.1m	-88	-88	0.1	190	GB
2020/21-3	ME-CC	matrix spike dup	3/20/2021	Pesticide	Coumaphos	n/a	=	0.251	µg/L	EPA 625.1m	0.01	0.02			GB
2020/21-3	ME-CC	matrix spike dup, rec	3/20/2021	Pesticide	Coumaphos	n/a	=	251	%	EPA 625.1m	-88	-88	0.1	190	GB
2020/21-3	ME-CC	matrix spike, RPD	3/20/2021	Pesticide	Coumaphos	n/a	=	3	%	EPA 625.1m	-88	-88	0	30	GB
2020/21-3	MO-MEI	matrix spike	3/17/2021	Pesticide	Coumaphos	n/a	=	0.169	µg/L	EPA 625.1m	0.0051	0.01			GB
2020/21-3	MO-MEI	matrix spike, rec	3/17/2021	Pesticide	Coumaphos	n/a	=	337	%	EPA 625.1m	-88	-88	0.1	190	GB
2020/21-3	MO-MEI	matrix spike dup	3/17/2021	Pesticide	Coumaphos	n/a	=	0.186	µg/L	EPA 625.1m	0.0051	0.01			GB
2020/21-3	MO-MEI	matrix spike dup, rec	3/17/2021	Pesticide	Coumaphos	n/a	=	372	%	EPA 625.1m	-88	-88	0.1	190	GB
2020/21-3	MO-MEI	matrix spike, RPD	3/17/2021	Pesticide	Coumaphos	n/a	=	10	%	EPA 625.1m	-88	-88	0	30	GB
2020/21-3	Lab	method blank	3/16/2021	Pesticide	Cyanazine	n/a	<	0.04	µg/L	EPA 525.2	0.04	0.1			
2020/21-3	Lab	LCS	3/16/2021	Pesticide	Cyanazine	n/a	=	5.79	µg/L	EPA 525.2	0.04	0.1			
2020/21-3	Lab	LCS, rec	3/16/2021	Pesticide	Cyanazine	n/a	=	116	%	EPA 525.2	-88	-88	70	130	
2020/21-3	Lab	LCS dup	3/16/2021	Pesticide	Cyanazine	n/a	=	5.32	µg/L	EPA 525.2	0.04	0.1			
2020/21-3	Lab	LCS dup, rec	3/16/2021	Pesticide	Cyanazine	n/a	=	106	%	EPA 525.2	-88	-88	70	130	
2020/21-3	Lab	LCS, RPD	3/16/2021	Pesticide	Cyanazine	n/a	=	9	%	EPA 525.2	-88	-88	0	30	
2020/21-3	Lab	method blank	3/22/2021	Pesticide	Cyanazine	n/a	<	0.04	µg/L	EPA 525.2	0.04	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	
2020/21-3	Lab	LCS	3/22/2021	Pesticide	Cyanazine	n/a	=	5.97	µg/L	EPA 525.2	0.04	0.1			
2020/21-3	Lab	LCS, rec	3/22/2021	Pesticide	Cyanazine	n/a	=	119	%	EPA 525.2	-88	-88	70	130	
2020/21-3	Lab	LCS dup	3/22/2021	Pesticide	Cyanazine	n/a	=	5.96	µg/L	EPA 525.2	0.04	0.1			
2020/21-3	Lab	LCS dup, rec	3/22/2021	Pesticide	Cyanazine	n/a	=	119	%	EPA 525.2	-88	-88	70	130	
2020/21-3	Lab	LCS, RPD	3/22/2021	Pesticide	Cyanazine	n/a	=	0.2	%	EPA 525.2	-88	-88	0	30	
2020/21-3	Lab	method blank	3/27/2021	Pesticide	Dalapon	n/a	<	0.11	µg/L	EPA 515.4	0.11	0.4			
2020/21-3	Lab	LCS	3/27/2021	Pesticide	Dalapon	n/a	=	7.6	µg/L	EPA 515.4	0.11	0.4			
2020/21-3	Lab	LCS, rec	3/27/2021	Pesticide	Dalapon	n/a	=	95	%	EPA 515.4	-88	-88	70	130	
2020/21-3	ME-CC	matrix spike	3/27/2021	Pesticide	Dalapon	n/a	=	8.87	µg/L	EPA 515.4	0.11	0.4			
2020/21-3	ME-CC	matrix spike, rec	3/27/2021	Pesticide	Dalapon	n/a	=	111	%	EPA 515.4	-88	-88	70	130	
2020/21-3	ME-CC	matrix spike dup	3/27/2021	Pesticide	Dalapon	n/a	=	8.74	µg/L	EPA 515.4	0.11	0.4			
2020/21-3	ME-CC	matrix spike dup, rec	3/27/2021	Pesticide	Dalapon	n/a	=	109	%	EPA 515.4	-88	-88	70	130	
2020/21-3	ME-CC	matrix spike, RPD	3/27/2021	Pesticide	Dalapon	n/a	=	1	%	EPA 515.4	-88	-88	0	30	
2020/21-3	Lab	method blank	3/27/2021	Pesticide	DCPA (Dacthal)	n/a	<	0.053	µg/L	EPA 515.4	0.053	0.1			
2020/21-3	Lab	LCS	3/27/2021	Pesticide	DCPA (Dacthal)	n/a	=	3.72	µg/L	EPA 515.4	0.053	0.1			
2020/21-3	Lab	LCS, rec	3/27/2021	Pesticide	DCPA (Dacthal)	n/a	=	93	%	EPA 515.4	-88	-88	70	130	
2020/21-3	ME-CC	matrix spike	3/27/2021	Pesticide	DCPA (Dacthal)	n/a	=	4.41	µg/L	EPA 515.4	0.053	0.1			
2020/21-3	ME-CC	matrix spike, rec	3/27/2021	Pesticide	DCPA (Dacthal)	n/a	=	95	%	EPA 515.4	-88	-88	70	130	
2020/21-3	ME-CC	matrix spike dup	3/27/2021	Pesticide	DCPA (Dacthal)	n/a	=	4.5	µg/L	EPA 515.4	0.053	0.1			
2020/21-3	ME-CC	matrix spike dup, rec	3/27/2021	Pesticide	DCPA (Dacthal)	n/a	=	98	%	EPA 515.4	-88	-88	70	130	
2020/21-3	ME-CC	matrix spike, RPD	3/27/2021	Pesticide	DCPA (Dacthal)	n/a	=	2	%	EPA 515.4	-88	-88	0	30	
2020/21-3	Lab	method blank	4/2/2021	Pesticide	delta-BHC	n/a	<	0.0019	µg/L	EPA 608.3	0.0019	0.005			
2020/21-3	Lab	LCS	4/2/2021	Pesticide	delta-BHC	n/a	=	0.126	µg/L	EPA 608.3	0.0019	0.005			
2020/21-3	Lab	LCS, rec	4/2/2021	Pesticide	delta-BHC	n/a	=	126	%	EPA 608.3	-88	-88	51	130	
2020/21-3	Lab	LCS dup	4/2/2021	Pesticide	delta-BHC	n/a	=	0.13	µg/L	EPA 608.3	0.0019	0.005			
2020/21-3	Lab	LCS dup, rec	4/2/2021	Pesticide	delta-BHC	n/a	=	130	%	EPA 608.3	-88	-88	51	130	
2020/21-3	Lab	LCS, RPD	4/2/2021	Pesticide	delta-BHC	n/a	=	4	%	EPA 608.3	-88	-88	0	30	
2020/21-3	Lab	method blank	3/17/2021	Pesticide	Demeton-O	n/a	<	0.01	µg/L	EPA 625.1m	0.01	0.01			
2020/21-3	Lab	LCS	3/17/2021	Pesticide	Demeton-O	n/a	=	0.0396	µg/L	EPA 625.1m	0.01	0.01			
2020/21-3	Lab	LCS, rec	3/17/2021	Pesticide	Demeton-O	n/a	=	79	%	EPA 625.1m	-88	-88	54	160	
2020/21-3	Lab	method blank	3/19/2021	Pesticide	Demeton-O	n/a	<	0.01	µg/L	EPA 625.1m	0.01	0.01			
2020/21-3	Lab	LCS	3/20/2021	Pesticide	Demeton-O	n/a	=	0.0409	µg/L	EPA 625.1m	0.01	0.01			
2020/21-3	Lab	LCS, rec	3/20/2021	Pesticide	Demeton-O	n/a	=	82	%	EPA 625.1m	-88	-88	54	160	
2020/21-3	ME-CC	matrix spike	3/20/2021	Pesticide	Demeton-O	n/a	=	0.106	µg/L	EPA 625.1m	0.02	0.02			
2020/21-3	ME-CC	matrix spike, rec	3/20/2021	Pesticide	Demeton-O	n/a	=	106	%	EPA 625.1m	-88	-88	63	151	
2020/21-3	ME-CC	matrix spike dup	3/20/2021	Pesticide	Demeton-O	n/a	=	0.127	µg/L	EPA 625.1m	0.02	0.02			
2020/21-3	ME-CC	matrix spike dup, rec	3/20/2021	Pesticide	Demeton-O	n/a	=	127	%	EPA 625.1m	-88	-88	63	151	
2020/21-3	ME-CC	matrix spike, RPD	3/20/2021	Pesticide	Demeton-O	n/a	=	18	%	EPA 625.1m	-88	-88	0	30	
2020/21-3	MO-MEI	matrix spike	3/17/2021	Pesticide	Demeton-O	n/a	=	0.0703	µg/L	EPA 625.1m	0.01	0.01			
2020/21-3	MO-MEI	matrix spike, rec	3/17/2021	Pesticide	Demeton-O	n/a	=	141	%	EPA 625.1m	-88	-88	63	151	
2020/21-3	MO-MEI	matrix spike dup	3/17/2021	Pesticide	Demeton-O	n/a	=	0.0554	µg/L	EPA 625.1m	0.01	0.01			
2020/21-3	MO-MEI	matrix spike dup, rec	3/17/2021	Pesticide	Demeton-O	n/a	=	111	%	EPA 625.1m	-88	-88	63	151	
2020/21-3	MO-MEI	matrix spike, RPD	3/17/2021	Pesticide	Demeton-O	n/a	=	24	%	EPA 625.1m	-88	-88	0	30	
2020/21-3	Lab	method blank	3/17/2021	Pesticide	Demeton-S	n/a	<	0.01	µg/L	EPA 625.1m	0.01	0.01			
2020/21-3	Lab	LCS	3/17/2021	Pesticide	Demeton-S	n/a	=	0.056	µg/L	EPA 625.1m	0.01	0.01			
2020/21-3	Lab	LCS, rec	3/17/2021	Pesticide	Demeton-S	n/a	=	112	%	EPA 625.1m	-88	-88	8	186	
2020/21-3	Lab	method blank	3/19/2021	Pesticide	Demeton-S	n/a	<	0.01	µg/L	EPA 625.1m	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	
2020/21-3	Lab	LCS	3/20/2021	Pesticide	Demeton-S	n/a	=	0.0465	µg/L	EPA 625.1m	0.01	0.01			
2020/21-3	Lab	LCS, rec	3/20/2021	Pesticide	Demeton-S	n/a	=	93	%	EPA 625.1m	-88	-88	8	186	
2020/21-3	ME-CC	matrix spike	3/20/2021	Pesticide	Demeton-S	n/a	=	0.119	µg/L	EPA 625.1m	0.02	0.02			
2020/21-3	ME-CC	matrix spike, rec	3/20/2021	Pesticide	Demeton-S	n/a	=	119	%	EPA 625.1m	-88	-88	0.1	204	
2020/21-3	ME-CC	matrix spike dup	3/20/2021	Pesticide	Demeton-S	n/a	=	0.136	µg/L	EPA 625.1m	0.02	0.02			
2020/21-3	ME-CC	matrix spike dup, rec	3/20/2021	Pesticide	Demeton-S	n/a	=	136	%	EPA 625.1m	-88	-88	0.1	204	
2020/21-3	ME-CC	matrix spike, RPD	3/20/2021	Pesticide	Demeton-S	n/a	=	13	%	EPA 625.1m	-88	-88	0	30	
2020/21-3	MO-MEI	matrix spike	3/17/2021	Pesticide	Demeton-S	n/a	=	0.0688	µg/L	EPA 625.1m	0.01	0.01			
2020/21-3	MO-MEI	matrix spike, rec	3/17/2021	Pesticide	Demeton-S	n/a	=	138	%	EPA 625.1m	-88	-88	0.1	204	
2020/21-3	MO-MEI	matrix spike dup	3/17/2021	Pesticide	Demeton-S	n/a	=	0.0834	µg/L	EPA 625.1m	0.01	0.01			
2020/21-3	MO-MEI	matrix spike dup, rec	3/17/2021	Pesticide	Demeton-S	n/a	=	167	%	EPA 625.1m	-88	-88	0.1	204	
2020/21-3	MO-MEI	matrix spike, RPD	3/17/2021	Pesticide	Demeton-S	n/a	=	19	%	EPA 625.1m	-88	-88	0	30	
2020/21-3	Lab	method blank	3/16/2021	Pesticide	Diazinon	n/a	<	0.05	µg/L	EPA 525.2	0.05	0.1			
2020/21-3	Lab	LCS	3/16/2021	Pesticide	Diazinon	n/a	=	4.8	µg/L	EPA 525.2	0.05	0.1			
2020/21-3	Lab	LCS, rec	3/16/2021	Pesticide	Diazinon	n/a	=	96	%	EPA 525.2	-88	-88	50	120	
2020/21-3	Lab	LCS dup	3/16/2021	Pesticide	Diazinon	n/a	=	4.76	µg/L	EPA 525.2	0.05	0.1			
2020/21-3	Lab	LCS dup, rec	3/16/2021	Pesticide	Diazinon	n/a	=	95	%	EPA 525.2	-88	-88	50	120	
2020/21-3	Lab	LCS, RPD	3/16/2021	Pesticide	Diazinon	n/a	=	0.8	%	EPA 525.2	-88	-88	0	30	
2020/21-3	Lab	method blank	3/17/2021	Pesticide	Diazinon	n/a	<	0.0052	µg/L	EPA 625.1m	0.0052	0.01			
2020/21-3	Lab	LCS	3/17/2021	Pesticide	Diazinon	n/a	=	0.0583	µg/L	EPA 625.1m	0.0052	0.01			
2020/21-3	Lab	LCS, rec	3/17/2021	Pesticide	Diazinon	n/a	=	117	%	EPA 625.1m	-88	-88	50	144	
2020/21-3	Lab	method blank	3/19/2021	Pesticide	Diazinon	n/a	<	0.0052	µg/L	EPA 625.1m	0.0052	0.01			
2020/21-3	Lab	LCS	3/20/2021	Pesticide	Diazinon	n/a	=	0.0491	µg/L	EPA 625.1m	0.0052	0.01			
2020/21-3	Lab	LCS, rec	3/20/2021	Pesticide	Diazinon	n/a	=	98	%	EPA 625.1m	-88	-88	50	144	
2020/21-3	Lab	method blank	3/22/2021	Pesticide	Diazinon	n/a	<	0.05	µg/L	EPA 525.2	0.05	0.1			
2020/21-3	Lab	LCS	3/22/2021	Pesticide	Diazinon	n/a	=	4.38	µg/L	EPA 525.2	0.05	0.1			
2020/21-3	Lab	LCS, rec	3/22/2021	Pesticide	Diazinon	n/a	=	88	%	EPA 525.2	-88	-88	50	120	
2020/21-3	Lab	LCS dup	3/22/2021	Pesticide	Diazinon	n/a	=	4.93	µg/L	EPA 525.2	0.05	0.1			
2020/21-3	Lab	LCS dup, rec	3/22/2021	Pesticide	Diazinon	n/a	=	99	%	EPA 525.2	-88	-88	50	120	
2020/21-3	Lab	LCS, RPD	3/22/2021	Pesticide	Diazinon	n/a	=	12	%	EPA 525.2	-88	-88	0	30	
2020/21-3	ME-CC	matrix spike	3/20/2021	Pesticide	Diazinon	n/a	=	0.108	µg/L	EPA 625.1m	0.01	0.02			
2020/21-3	ME-CC	matrix spike, rec	3/20/2021	Pesticide	Diazinon	n/a	=	108	%	EPA 625.1m	-88	-88	46	139	
2020/21-3	ME-CC	matrix spike dup	3/20/2021	Pesticide	Diazinon	n/a	=	0.122	µg/L	EPA 625.1m	0.01	0.02			
2020/21-3	ME-CC	matrix spike dup, rec	3/20/2021	Pesticide	Diazinon	n/a	=	122	%	EPA 625.1m	-88	-88	46	139	
2020/21-3	ME-CC	matrix spike, RPD	3/20/2021	Pesticide	Diazinon	n/a	=	12	%	EPA 625.1m	-88	-88	0	30	
2020/21-3	MO-MEI	matrix spike	3/17/2021	Pesticide	Diazinon	n/a	=	0.055	µg/L	EPA 625.1m	0.0052	0.01			
2020/21-3	MO-MEI	matrix spike, rec	3/17/2021	Pesticide	Diazinon	n/a	=	110	%	EPA 625.1m	-88	-88	46	139	
2020/21-3	MO-MEI	matrix spike dup	3/17/2021	Pesticide	Diazinon	n/a	=	0.0564	µg/L	EPA 625.1m	0.0052	0.01			
2020/21-3	MO-MEI	matrix spike dup, rec	3/17/2021	Pesticide	Diazinon	n/a	=	113	%	EPA 625.1m	-88	-88	46	139	
2020/21-3	MO-MEI	matrix spike, RPD	3/17/2021	Pesticide	Diazinon	n/a	=	2	%	EPA 625.1m	-88	-88	0	30	
2020/21-3	Lab	method blank	3/27/2021	Pesticide	Dicamba	n/a	<	0.075	µg/L	EPA 515.4	0.075	0.6			
2020/21-3	Lab	LCS	3/27/2021	Pesticide	Dicamba	n/a	=	7.33	µg/L	EPA 515.4	0.075	0.6			
2020/21-3	Lab	LCS, rec	3/27/2021	Pesticide	Dicamba	n/a	=	92	%	EPA 515.4	-88	-88	70	130	
2020/21-3	ME-CC	matrix spike	3/27/2021	Pesticide	Dicamba	n/a	=	7.41	µg/L	EPA 515.4	0.075	0.6			
2020/21-3	ME-CC	matrix spike, rec	3/27/2021	Pesticide	Dicamba	n/a	=	93	%	EPA 515.4	-88	-88	70	130	
2020/21-3	ME-CC	matrix spike dup	3/27/2021	Pesticide	Dicamba	n/a	=	7.44	µg/L	EPA 515.4	0.075	0.6			
2020/21-3	ME-CC	matrix spike dup, rec	3/27/2021	Pesticide	Dicamba	n/a	=	93	%	EPA 515.4	-88	-88	70	130	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2020/21-3	ME-CC	matrix spike, RPD	3/27/2021	Pesticide	Dicamba	n/a	=	0.4	%	EPA 515.4	-88	-88	0	30	
2020/21-3	Lab	method blank	3/27/2021	Pesticide	Dichlorprop	n/a	<	0.12	µg/L	EPA 515.4	0.12	0.3			
2020/21-3	Lab	LCS	3/27/2021	Pesticide	Dichlorprop	n/a	=	7.76	µg/L	EPA 515.4	0.12	0.3			
2020/21-3	Lab	LCS, rec	3/27/2021	Pesticide	Dichlorprop	n/a	=	97	%	EPA 515.4	-88	-88	70	130	
2020/21-3	ME-CC	matrix spike	3/27/2021	Pesticide	Dichlorprop	n/a	=	7.81	µg/L	EPA 515.4	0.12	0.3			
2020/21-3	ME-CC	matrix spike, rec	3/27/2021	Pesticide	Dichlorprop	n/a	=	98	%	EPA 515.4	-88	-88	70	130	
2020/21-3	ME-CC	matrix spike dup	3/27/2021	Pesticide	Dichlorprop	n/a	=	7.9	µg/L	EPA 515.4	0.12	0.3			
2020/21-3	ME-CC	matrix spike dup, rec	3/27/2021	Pesticide	Dichlorprop	n/a	=	99	%	EPA 515.4	-88	-88	70	130	
2020/21-3	ME-CC	matrix spike, RPD	3/27/2021	Pesticide	Dichlorprop	n/a	=	1	%	EPA 515.4	-88	-88	0	30	
2020/21-3	Lab	method blank	3/17/2021	Pesticide	Dichlorvos	n/a	<	0.0029	µg/L	EPA 625.1m	0.0029	0.01			
2020/21-3	Lab	LCS	3/17/2021	Pesticide	Dichlorvos	n/a	=	0.0428	µg/L	EPA 625.1m	0.0029	0.01			
2020/21-3	Lab	LCS, rec	3/17/2021	Pesticide	Dichlorvos	n/a	=	86	%	EPA 625.1m	-88	-88	49	143	
2020/21-3	Lab	method blank	3/19/2021	Pesticide	Dichlorvos	n/a	<	0.0029	µg/L	EPA 625.1m	0.0029	0.01			
2020/21-3	Lab	LCS	3/20/2021	Pesticide	Dichlorvos	n/a	=	0.0384	µg/L	EPA 625.1m	0.0029	0.01			
2020/21-3	Lab	LCS, rec	3/20/2021	Pesticide	Dichlorvos	n/a	=	77	%	EPA 625.1m	-88	-88	49	143	
2020/21-3	ME-CC	matrix spike	3/20/2021	Pesticide	Dichlorvos	n/a	=	0.0938	µg/L	EPA 625.1m	0.0058	0.02			
2020/21-3	ME-CC	matrix spike, rec	3/20/2021	Pesticide	Dichlorvos	n/a	=	94	%	EPA 625.1m	-88	-88	52	132	
2020/21-3	ME-CC	matrix spike dup	3/20/2021	Pesticide	Dichlorvos	n/a	=	0.0954	µg/L	EPA 625.1m	0.0058	0.02			
2020/21-3	ME-CC	matrix spike dup, rec	3/20/2021	Pesticide	Dichlorvos	n/a	=	95	%	EPA 625.1m	-88	-88	52	132	
2020/21-3	ME-CC	matrix spike, RPD	3/20/2021	Pesticide	Dichlorvos	n/a	=	2	%	EPA 625.1m	-88	-88	0	30	
2020/21-3	MO-MEI	matrix spike	3/17/2021	Pesticide	Dichlorvos	n/a	=	0.0428	µg/L	EPA 625.1m	0.0029	0.01			
2020/21-3	MO-MEI	matrix spike, rec	3/17/2021	Pesticide	Dichlorvos	n/a	=	86	%	EPA 625.1m	-88	-88	52	132	
2020/21-3	MO-MEI	matrix spike dup	3/17/2021	Pesticide	Dichlorvos	n/a	=	0.0449	µg/L	EPA 625.1m	0.0029	0.01			
2020/21-3	MO-MEI	matrix spike dup, rec	3/17/2021	Pesticide	Dichlorvos	n/a	=	90	%	EPA 625.1m	-88	-88	52	132	
2020/21-3	MO-MEI	matrix spike, RPD	3/17/2021	Pesticide	Dichlorvos	n/a	=	5	%	EPA 625.1m	-88	-88	0	30	
2020/21-3	Lab	method blank	4/2/2021	Pesticide	Dieldrin	n/a	<	0.0008	µg/L	EPA 608.3	0.0008	0.01			
2020/21-3	Lab	LCS	4/2/2021	Pesticide	Dieldrin	n/a	=	0.0928	µg/L	EPA 608.3	0.0008	0.01			
2020/21-3	Lab	LCS, rec	4/2/2021	Pesticide	Dieldrin	n/a	=	93	%	EPA 608.3	-88	-88	58	130	
2020/21-3	Lab	LCS dup	4/2/2021	Pesticide	Dieldrin	n/a	=	0.0958	µg/L	EPA 608.3	0.0008	0.01			
2020/21-3	Lab	LCS dup, rec	4/2/2021	Pesticide	Dieldrin	n/a	=	96	%	EPA 608.3	-88	-88	58	130	
2020/21-3	Lab	LCS, RPD	4/2/2021	Pesticide	Dieldrin	n/a	=	3	%	EPA 608.3	-88	-88	0	30	
2020/21-3	Lab	method blank	3/16/2021	Pesticide	Dimethoate	n/a	<	0.02	µg/L	EPA 525.2	0.02	0.2			
2020/21-3	Lab	LCS	3/16/2021	Pesticide	Dimethoate	n/a	=	5.09	µg/L	EPA 525.2	0.02	0.2			
2020/21-3	Lab	LCS, rec	3/16/2021	Pesticide	Dimethoate	n/a	=	102	%	EPA 525.2	-88	-88	50	120	
2020/21-3	Lab	LCS dup	3/16/2021	Pesticide	Dimethoate	n/a	=	6.46	µg/L	EPA 525.2	0.02	0.2			EUM
2020/21-3	Lab	LCS dup, rec	3/16/2021	Pesticide	Dimethoate	n/a	=	129	%	EPA 525.2	-88	-88	50	120	EUM
2020/21-3	Lab	LCS, RPD	3/16/2021	Pesticide	Dimethoate	n/a	=	24	%	EPA 525.2	-88	-88	0	30	
2020/21-3	Lab	method blank	3/17/2021	Pesticide	Dimethoate	n/a	<	0.0062	µg/L	EPA 625.1m	0.0062	0.01			
2020/21-3	Lab	LCS	3/17/2021	Pesticide	Dimethoate	n/a	=	0.0582	µg/L	EPA 625.1m	0.0062	0.01			
2020/21-3	Lab	LCS, rec	3/17/2021	Pesticide	Dimethoate	n/a	=	116	%	EPA 625.1m	-88	-88	11	224	
2020/21-3	Lab	method blank	3/19/2021	Pesticide	Dimethoate	n/a	<	0.0062	µg/L	EPA 625.1m	0.0062	0.01			
2020/21-3	Lab	LCS	3/20/2021	Pesticide	Dimethoate	n/a	=	0.0486	µg/L	EPA 625.1m	0.0062	0.01			
2020/21-3	Lab	LCS, rec	3/20/2021	Pesticide	Dimethoate	n/a	=	97	%	EPA 625.1m	-88	-88	11	224	
2020/21-3	Lab	method blank	3/22/2021	Pesticide	Dimethoate	n/a	<	0.02	µg/L	EPA 525.2	0.02	0.2			
2020/21-3	Lab	LCS	3/22/2021	Pesticide	Dimethoate	n/a	=	6.44	µg/L	EPA 525.2	0.02	0.2			EUM
2020/21-3	Lab	LCS, rec	3/22/2021	Pesticide	Dimethoate	n/a	=	129	%	EPA 525.2	-88	-88	50	120	EUM
2020/21-3	Lab	LCS dup	3/22/2021	Pesticide	Dimethoate	n/a	=	5.48	µg/L	EPA 525.2	0.02	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	
2020/21-3	Lab	LCS dup, rec	3/22/2021	Pesticide	Dimethoate	n/a	=	110	%	EPA 525.2	-88	-88	50	120	
2020/21-3	Lab	LCS, RPD	3/22/2021	Pesticide	Dimethoate	n/a	=	16	%	EPA 525.2	-88	-88	0	30	
2020/21-3	ME-CC	matrix spike	3/20/2021	Pesticide	Dimethoate	n/a	=	0.149	µg/L	EPA 625.1m	0.012	0.02			
2020/21-3	ME-CC	matrix spike, rec	3/20/2021	Pesticide	Dimethoate	n/a	=	149	%	EPA 625.1m	-88	-88	0.1	208	
2020/21-3	ME-CC	matrix spike dup	3/20/2021	Pesticide	Dimethoate	n/a	=	0.166	µg/L	EPA 625.1m	0.012	0.02			
2020/21-3	ME-CC	matrix spike dup, rec	3/20/2021	Pesticide	Dimethoate	n/a	=	166	%	EPA 625.1m	-88	-88	0.1	208	
2020/21-3	ME-CC	matrix spike, RPD	3/20/2021	Pesticide	Dimethoate	n/a	=	11	%	EPA 625.1m	-88	-88	0	30	
2020/21-3	MO-MEI	matrix spike	3/17/2021	Pesticide	Dimethoate	n/a	=	0.108	µg/L	EPA 625.1m	0.0062	0.01			GB
2020/21-3	MO-MEI	matrix spike, rec	3/17/2021	Pesticide	Dimethoate	n/a	=	216	%	EPA 625.1m	-88	-88	0.1	208	GB
2020/21-3	MO-MEI	matrix spike dup	3/17/2021	Pesticide	Dimethoate	n/a	=	0.127	µg/L	EPA 625.1m	0.0062	0.01			GB
2020/21-3	MO-MEI	matrix spike dup, rec	3/17/2021	Pesticide	Dimethoate	n/a	=	254	%	EPA 625.1m	-88	-88	0.1	208	GB
2020/21-3	MO-MEI	matrix spike, RPD	3/17/2021	Pesticide	Dimethoate	n/a	=	16	%	EPA 625.1m	-88	-88	0	30	GB
2020/21-3	Lab	method blank	3/27/2021	Pesticide	Dinoseb	n/a	<	0.055	µg/L	EPA 515.4	0.055	0.4			
2020/21-3	Lab	LCS	3/27/2021	Pesticide	Dinoseb	n/a	=	3.73	µg/L	EPA 515.4	0.055	0.4			
2020/21-3	Lab	LCS, rec	3/27/2021	Pesticide	Dinoseb	n/a	=	93	%	EPA 515.4	-88	-88	70	130	
2020/21-3	ME-CC	matrix spike	3/27/2021	Pesticide	Dinoseb	n/a	=	3.72	µg/L	EPA 515.4	0.055	0.4			
2020/21-3	ME-CC	matrix spike, rec	3/27/2021	Pesticide	Dinoseb	n/a	=	93	%	EPA 515.4	-88	-88	70	130	
2020/21-3	ME-CC	matrix spike dup	3/27/2021	Pesticide	Dinoseb	n/a	=	3.69	µg/L	EPA 515.4	0.055	0.4			
2020/21-3	ME-CC	matrix spike dup, rec	3/27/2021	Pesticide	Dinoseb	n/a	=	92	%	EPA 515.4	-88	-88	70	130	
2020/21-3	ME-CC	matrix spike, RPD	3/27/2021	Pesticide	Dinoseb	n/a	=	0.8	%	EPA 515.4	-88	-88	0	30	
2020/21-3	Lab	method blank	3/16/2021	Pesticide	Diphenamid	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1			
2020/21-3	Lab	LCS	3/16/2021	Pesticide	Diphenamid	n/a	=	5.89	µg/L	EPA 525.2	0.03	0.1			
2020/21-3	Lab	LCS, rec	3/16/2021	Pesticide	Diphenamid	n/a	=	118	%	EPA 525.2	-88	-88	70	130	
2020/21-3	Lab	LCS dup	3/16/2021	Pesticide	Diphenamid	n/a	=	6.01	µg/L	EPA 525.2	0.03	0.1			
2020/21-3	Lab	LCS dup, rec	3/16/2021	Pesticide	Diphenamid	n/a	=	120	%	EPA 525.2	-88	-88	70	130	
2020/21-3	Lab	LCS, RPD	3/16/2021	Pesticide	Diphenamid	n/a	=	2	%	EPA 525.2	-88	-88	0	30	
2020/21-3	Lab	method blank	3/22/2021	Pesticide	Diphenamid	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1			
2020/21-3	Lab	LCS	3/22/2021	Pesticide	Diphenamid	n/a	=	6.25	µg/L	EPA 525.2	0.03	0.1			
2020/21-3	Lab	LCS, rec	3/22/2021	Pesticide	Diphenamid	n/a	=	125	%	EPA 525.2	-88	-88	70	130	
2020/21-3	Lab	LCS dup	3/22/2021	Pesticide	Diphenamid	n/a	=	5.81	µg/L	EPA 525.2	0.03	0.1			
2020/21-3	Lab	LCS dup, rec	3/22/2021	Pesticide	Diphenamid	n/a	=	116	%	EPA 525.2	-88	-88	70	130	
2020/21-3	Lab	LCS, RPD	3/22/2021	Pesticide	Diphenamid	n/a	=	7	%	EPA 525.2	-88	-88	0	30	
2020/21-3	Lab	method blank	3/16/2021	Pesticide	Disulfoton	n/a	<	0.04	µg/L	EPA 525.2	0.04	0.1			
2020/21-3	Lab	LCS	3/16/2021	Pesticide	Disulfoton	n/a	=	4.11	µg/L	EPA 525.2	0.04	0.1			
2020/21-3	Lab	LCS, rec	3/16/2021	Pesticide	Disulfoton	n/a	=	82	%	EPA 525.2	-88	-88	50	120	
2020/21-3	Lab	LCS dup	3/16/2021	Pesticide	Disulfoton	n/a	=	4.2	µg/L	EPA 525.2	0.04	0.1			
2020/21-3	Lab	LCS dup, rec	3/16/2021	Pesticide	Disulfoton	n/a	=	84	%	EPA 525.2	-88	-88	50	120	
2020/21-3	Lab	LCS, RPD	3/16/2021	Pesticide	Disulfoton	n/a	=	2	%	EPA 525.2	-88	-88	0	30	
2020/21-3	Lab	method blank	3/17/2021	Pesticide	Disulfoton	n/a	<	0.01	µg/L	EPA 625.1m	0.01	0.01			
2020/21-3	Lab	LCS	3/17/2021	Pesticide	Disulfoton	n/a	=	0.059	µg/L	EPA 625.1m	0.01	0.01			
2020/21-3	Lab	LCS, rec	3/17/2021	Pesticide	Disulfoton	n/a	=	118	%	EPA 625.1m	-88	-88	26	169	
2020/21-3	Lab	method blank	3/19/2021	Pesticide	Disulfoton	n/a	<	0.01	µg/L	EPA 625.1m	0.01	0.01			
2020/21-3	Lab	LCS	3/20/2021	Pesticide	Disulfoton	n/a	=	0.0519	µg/L	EPA 625.1m	0.01	0.01			
2020/21-3	Lab	LCS, rec	3/20/2021	Pesticide	Disulfoton	n/a	=	104	%	EPA 625.1m	-88	-88	26	169	
2020/21-3	Lab	method blank	3/22/2021	Pesticide	Disulfoton	n/a	<	0.04	µg/L	EPA 525.2	0.04	0.1			
2020/21-3	Lab	LCS	3/22/2021	Pesticide	Disulfoton	n/a	=	4.13	µg/L	EPA 525.2	0.04	0.1			
2020/21-3	Lab	LCS, rec	3/22/2021	Pesticide	Disulfoton	n/a	=	83	%	EPA 525.2	-88	-88	50	120	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2020/21-3	Lab	LCS dup	3/22/2021	Pesticide	Disulfoton	n/a	=	3.75	µg/L	EPA 525.2	0.04	0.1			
2020/21-3	Lab	LCS dup, rec	3/22/2021	Pesticide	Disulfoton	n/a	=	75	%	EPA 525.2	-88	-88	50	120	
2020/21-3	Lab	LCS, RPD	3/22/2021	Pesticide	Disulfoton	n/a	=	10	%	EPA 525.2	-88	-88	0	30	
2020/21-3	ME-CC	matrix spike	3/20/2021	Pesticide	Disulfoton	n/a	=	0.138	µg/L	EPA 625.1m	0.02	0.02			
2020/21-3	ME-CC	matrix spike, rec	3/20/2021	Pesticide	Disulfoton	n/a	=	138	%	EPA 625.1m	-88	-88	33	172	
2020/21-3	ME-CC	matrix spike dup	3/20/2021	Pesticide	Disulfoton	n/a	=	0.146	µg/L	EPA 625.1m	0.02	0.02			
2020/21-3	ME-CC	matrix spike dup, rec	3/20/2021	Pesticide	Disulfoton	n/a	=	146	%	EPA 625.1m	-88	-88	33	172	
2020/21-3	ME-CC	matrix spike, RPD	3/20/2021	Pesticide	Disulfoton	n/a	=	6	%	EPA 625.1m	-88	-88	0	30	
2020/21-3	MO-MEI	matrix spike	3/17/2021	Pesticide	Disulfoton	n/a	=	0.0857	µg/L	EPA 625.1m	0.01	0.01			
2020/21-3	MO-MEI	matrix spike, rec	3/17/2021	Pesticide	Disulfoton	n/a	=	171	%	EPA 625.1m	-88	-88	33	172	
2020/21-3	MO-MEI	matrix spike dup	3/17/2021	Pesticide	Disulfoton	n/a	=	0.0761	µg/L	EPA 625.1m	0.01	0.01			
2020/21-3	MO-MEI	matrix spike dup, rec	3/17/2021	Pesticide	Disulfoton	n/a	=	152	%	EPA 625.1m	-88	-88	33	172	
2020/21-3	MO-MEI	matrix spike, RPD	3/17/2021	Pesticide	Disulfoton	n/a	=	12	%	EPA 625.1m	-88	-88	0	30	
2020/21-3	Lab	method blank	4/2/2021	Pesticide	Endosulfan I	n/a	<	0.0009	µg/L	EPA 608.3	0.0009	0.02			
2020/21-3	Lab	LCS	4/2/2021	Pesticide	Endosulfan I	n/a	=	0.0815	µg/L	EPA 608.3	0.0009	0.02			
2020/21-3	Lab	LCS, rec	4/2/2021	Pesticide	Endosulfan I	n/a	=	81	%	EPA 608.3	-88	-88	57	141	
2020/21-3	Lab	LCS dup	4/2/2021	Pesticide	Endosulfan I	n/a	=	0.0842	µg/L	EPA 608.3	0.0009	0.02			
2020/21-3	Lab	LCS dup, rec	4/2/2021	Pesticide	Endosulfan I	n/a	=	84	%	EPA 608.3	-88	-88	57	141	
2020/21-3	Lab	LCS, RPD	4/2/2021	Pesticide	Endosulfan I	n/a	=	3	%	EPA 608.3	-88	-88	0	30	
2020/21-3	Lab	method blank	4/2/2021	Pesticide	Endosulfan II	n/a	<	0.0007	µg/L	EPA 608.3	0.0007	0.01			
2020/21-3	Lab	LCS	4/2/2021	Pesticide	Endosulfan II	n/a	=	0.0964	µg/L	EPA 608.3	0.0007	0.01			
2020/21-3	Lab	LCS, rec	4/2/2021	Pesticide	Endosulfan II	n/a	=	96	%	EPA 608.3	-88	-88	22	171	
2020/21-3	Lab	LCS dup	4/2/2021	Pesticide	Endosulfan II	n/a	=	0.0989	µg/L	EPA 608.3	0.0007	0.01			
2020/21-3	Lab	LCS dup, rec	4/2/2021	Pesticide	Endosulfan II	n/a	=	99	%	EPA 608.3	-88	-88	22	171	
2020/21-3	Lab	LCS, RPD	4/2/2021	Pesticide	Endosulfan II	n/a	=	2	%	EPA 608.3	-88	-88	0	30	
2020/21-3	Lab	method blank	4/2/2021	Pesticide	Endosulfan sulfate	n/a	<	0.0013	µg/L	EPA 608.3	0.0013	0.05			
2020/21-3	Lab	LCS	4/2/2021	Pesticide	Endosulfan sulfate	n/a	=	0.117	µg/L	EPA 608.3	0.0013	0.05			
2020/21-3	Lab	LCS, rec	4/2/2021	Pesticide	Endosulfan sulfate	n/a	=	117	%	EPA 608.3	-88	-88	38	132	
2020/21-3	Lab	LCS dup	4/2/2021	Pesticide	Endosulfan sulfate	n/a	=	0.119	µg/L	EPA 608.3	0.0013	0.05			
2020/21-3	Lab	LCS dup, rec	4/2/2021	Pesticide	Endosulfan sulfate	n/a	=	119	%	EPA 608.3	-88	-88	38	132	
2020/21-3	Lab	LCS, RPD	4/2/2021	Pesticide	Endosulfan sulfate	n/a	=	1	%	EPA 608.3	-88	-88	0	30	
2020/21-3	Lab	method blank	4/2/2021	Pesticide	Endrin	n/a	<	0.0017	µg/L	EPA 608.3	0.0017	0.01			
2020/21-3	Lab	LCS	4/2/2021	Pesticide	Endrin	n/a	=	0.105	µg/L	EPA 608.3	0.0017	0.01			
2020/21-3	Lab	LCS, rec	4/2/2021	Pesticide	Endrin	n/a	=	105	%	EPA 608.3	-88	-88	51	130	
2020/21-3	Lab	LCS dup	4/2/2021	Pesticide	Endrin	n/a	=	0.108	µg/L	EPA 608.3	0.0017	0.01			
2020/21-3	Lab	LCS dup, rec	4/2/2021	Pesticide	Endrin	n/a	=	108	%	EPA 608.3	-88	-88	51	130	
2020/21-3	Lab	LCS, RPD	4/2/2021	Pesticide	Endrin	n/a	=	2	%	EPA 608.3	-88	-88	0	30	
2020/21-3	Lab	method blank	4/2/2021	Pesticide	Endrin aldehyde	n/a	<	0.0019	µg/L	EPA 608.3	0.0019	0.01			
2020/21-3	Lab	LCS	4/2/2021	Pesticide	Endrin aldehyde	n/a	=	0.107	µg/L	EPA 608.3	0.0019	0.01			
2020/21-3	Lab	LCS, rec	4/2/2021	Pesticide	Endrin aldehyde	n/a	=	107	%	EPA 608.3	-88	-88	18	130	
2020/21-3	Lab	LCS dup	4/2/2021	Pesticide	Endrin aldehyde	n/a	=	0.107	µg/L	EPA 608.3	0.0019	0.01			
2020/21-3	Lab	LCS dup, rec	4/2/2021	Pesticide	Endrin aldehyde	n/a	=	107	%	EPA 608.3	-88	-88	18	130	
2020/21-3	Lab	LCS, RPD	4/2/2021	Pesticide	Endrin aldehyde	n/a	=	0.3	%	EPA 608.3	-88	-88	0	30	
2020/21-3	Lab	method blank	3/16/2021	Pesticide	EPTC	n/a	<	0.02	µg/L	EPA 525.2	0.02	0.1			
2020/21-3	Lab	LCS	3/16/2021	Pesticide	EPTC	n/a	=	5.61	µg/L	EPA 525.2	0.02	0.1			
2020/21-3	Lab	LCS, rec	3/16/2021	Pesticide	EPTC	n/a	=	112	%	EPA 525.2	-88	-88	70	130	
2020/21-3	Lab	LCS dup	3/16/2021	Pesticide	EPTC	n/a	=	5.6	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	
2020/21-3	Lab	LCS dup, rec	3/16/2021	Pesticide	EPTC	n/a	=	112	%	EPA 525.2	-88	-88	70	130	
2020/21-3	Lab	LCS, RPD	3/16/2021	Pesticide	EPTC	n/a	=	0.1	%	EPA 525.2	-88	-88	0	30	
2020/21-3	Lab	method blank	3/22/2021	Pesticide	EPTC	n/a	<	0.02	µg/L	EPA 525.2	0.02	0.1			
2020/21-3	Lab	LCS	3/22/2021	Pesticide	EPTC	n/a	=	4.98	µg/L	EPA 525.2	0.02	0.1			
2020/21-3	Lab	LCS, rec	3/22/2021	Pesticide	EPTC	n/a	=	100	%	EPA 525.2	-88	-88	70	130	
2020/21-3	Lab	LCS dup	3/22/2021	Pesticide	EPTC	n/a	=	5.57	µg/L	EPA 525.2	0.02	0.1			
2020/21-3	Lab	LCS dup, rec	3/22/2021	Pesticide	EPTC	n/a	=	111	%	EPA 525.2	-88	-88	70	130	
2020/21-3	Lab	LCS, RPD	3/22/2021	Pesticide	EPTC	n/a	=	11	%	EPA 525.2	-88	-88	0	30	
2020/21-3	Lab	method blank	3/17/2021	Pesticide	Ethoprop	n/a	<	0.0067	µg/L	EPA 625.1m	0.0067	0.01			
2020/21-3	Lab	LCS	3/17/2021	Pesticide	Ethoprop	n/a	=	0.0677	µg/L	EPA 625.1m	0.0067	0.01			
2020/21-3	Lab	LCS, rec	3/17/2021	Pesticide	Ethoprop	n/a	=	135	%	EPA 625.1m	-88	-88	50	150	
2020/21-3	Lab	method blank	3/19/2021	Pesticide	Ethoprop	n/a	<	0.0067	µg/L	EPA 625.1m	0.0067	0.01			
2020/21-3	Lab	LCS	3/20/2021	Pesticide	Ethoprop	n/a	=	0.0547	µg/L	EPA 625.1m	0.0067	0.01			
2020/21-3	Lab	LCS, rec	3/20/2021	Pesticide	Ethoprop	n/a	=	109	%	EPA 625.1m	-88	-88	50	150	
2020/21-3	ME-CC	matrix spike	3/20/2021	Pesticide	Ethoprop	n/a	=	0.143	µg/L	EPA 625.1m	0.013	0.02			
2020/21-3	ME-CC	matrix spike, rec	3/20/2021	Pesticide	Ethoprop	n/a	=	143	%	EPA 625.1m	-88	-88	50	150	
2020/21-3	ME-CC	matrix spike dup	3/20/2021	Pesticide	Ethoprop	n/a	=	0.16	µg/L	EPA 625.1m	0.013	0.02			GB
2020/21-3	ME-CC	matrix spike dup, rec	3/20/2021	Pesticide	Ethoprop	n/a	=	160	%	EPA 625.1m	-88	-88	50	150	GB
2020/21-3	ME-CC	matrix spike, RPD	3/20/2021	Pesticide	Ethoprop	n/a	=	11	%	EPA 625.1m	-88	-88	0	30	GB
2020/21-3	MO-MEI	matrix spike	3/17/2021	Pesticide	Ethoprop	n/a	=	0.0814	µg/L	EPA 625.1m	0.0067	0.01			GB
2020/21-3	MO-MEI	matrix spike, rec	3/17/2021	Pesticide	Ethoprop	n/a	=	163	%	EPA 625.1m	-88	-88	50	150	GB
2020/21-3	MO-MEI	matrix spike dup	3/17/2021	Pesticide	Ethoprop	n/a	=	0.0876	µg/L	EPA 625.1m	0.0067	0.01			GB
2020/21-3	MO-MEI	matrix spike dup, rec	3/17/2021	Pesticide	Ethoprop	n/a	=	175	%	EPA 625.1m	-88	-88	50	150	GB
2020/21-3	MO-MEI	matrix spike, RPD	3/17/2021	Pesticide	Ethoprop	n/a	=	7	%	EPA 625.1m	-88	-88	0	30	GB
2020/21-3	Lab	method blank	3/17/2021	Pesticide	Ethyl parathion	n/a	<	0.0054	µg/L	EPA 625.1m	0.0054	0.01			
2020/21-3	Lab	LCS	3/17/2021	Pesticide	Ethyl parathion	n/a	=	0.0603	µg/L	EPA 625.1m	0.0054	0.01			
2020/21-3	Lab	LCS, rec	3/17/2021	Pesticide	Ethyl parathion	n/a	=	121	%	EPA 625.1m	-88	-88	9	216	
2020/21-3	Lab	method blank	3/19/2021	Pesticide	Ethyl parathion	n/a	<	0.0054	µg/L	EPA 625.1m	0.0054	0.01			
2020/21-3	Lab	LCS	3/20/2021	Pesticide	Ethyl parathion	n/a	=	0.0551	µg/L	EPA 625.1m	0.0054	0.01			
2020/21-3	Lab	LCS, rec	3/20/2021	Pesticide	Ethyl parathion	n/a	=	110	%	EPA 625.1m	-88	-88	9	216	
2020/21-3	ME-CC	matrix spike	3/20/2021	Pesticide	Ethyl parathion	n/a	=	0.138	µg/L	EPA 625.1m	0.011	0.02			
2020/21-3	ME-CC	matrix spike, rec	3/20/2021	Pesticide	Ethyl parathion	n/a	=	138	%	EPA 625.1m	-88	-88	26	201	
2020/21-3	ME-CC	matrix spike dup	3/20/2021	Pesticide	Ethyl parathion	n/a	=	0.143	µg/L	EPA 625.1m	0.011	0.02			
2020/21-3	ME-CC	matrix spike dup, rec	3/20/2021	Pesticide	Ethyl parathion	n/a	=	143	%	EPA 625.1m	-88	-88	26	201	
2020/21-3	ME-CC	matrix spike, RPD	3/20/2021	Pesticide	Ethyl parathion	n/a	=	3	%	EPA 625.1m	-88	-88	0	30	
2020/21-3	MO-MEI	matrix spike	3/17/2021	Pesticide	Ethyl parathion	n/a	=	0.0793	µg/L	EPA 625.1m	0.0054	0.01			
2020/21-3	MO-MEI	matrix spike, rec	3/17/2021	Pesticide	Ethyl parathion	n/a	=	159	%	EPA 625.1m	-88	-88	26	201	
2020/21-3	MO-MEI	matrix spike dup	3/17/2021	Pesticide	Ethyl parathion	n/a	=	0.0922	µg/L	EPA 625.1m	0.0054	0.01			
2020/21-3	MO-MEI	matrix spike dup, rec	3/17/2021	Pesticide	Ethyl parathion	n/a	=	184	%	EPA 625.1m	-88	-88	26	201	
2020/21-3	MO-MEI	matrix spike, RPD	3/17/2021	Pesticide	Ethyl parathion	n/a	=	15	%	EPA 625.1m	-88	-88	0	30	
2020/21-3	Lab	method blank	3/17/2021	Pesticide	Fensulfothion	n/a	<	0.0029	µg/L	EPA 625.1m	0.0029	0.01			
2020/21-3	Lab	LCS	3/17/2021	Pesticide	Fensulfothion	n/a	=	0.0931	µg/L	EPA 625.1m	0.0029	0.01			
2020/21-3	Lab	LCS, rec	3/17/2021	Pesticide	Fensulfothion	n/a	=	186	%	EPA 625.1m	-88	-88	0.1	249	
2020/21-3	Lab	method blank	3/19/2021	Pesticide	Fensulfothion	n/a	<	0.0029	µg/L	EPA 625.1m	0.0029	0.01			
2020/21-3	Lab	LCS	3/20/2021	Pesticide	Fensulfothion	n/a	=	0.0766	µg/L	EPA 625.1m	0.0029	0.01			
2020/21-3	Lab	LCS, rec	3/20/2021	Pesticide	Fensulfothion	n/a	=	153	%	EPA 625.1m	-88	-88	0.1	249	
2020/21-3	ME-CC	matrix spike	3/20/2021	Pesticide	Fensulfothion	n/a	=	0.225	µg/L	EPA 625.1m	0.0058	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	
2020/21-3	ME-CC	matrix spike, rec	3/20/2021	Pesticide	Fensulfothion	n/a	=	225	%	EPA 625.1m	-88	-88	0.1	231	
2020/21-3	ME-CC	matrix spike dup	3/20/2021	Pesticide	Fensulfothion	n/a	=	0.216	µg/L	EPA 625.1m	0.0058	0.02			
2020/21-3	ME-CC	matrix spike dup, rec	3/20/2021	Pesticide	Fensulfothion	n/a	=	216	%	EPA 625.1m	-88	-88	0.1	231	
2020/21-3	ME-CC	matrix spike, RPD	3/20/2021	Pesticide	Fensulfothion	n/a	=	4	%	EPA 625.1m	-88	-88	0	30	
2020/21-3	MO-MEI	matrix spike	3/17/2021	Pesticide	Fensulfothion	n/a	=	0.117	µg/L	EPA 625.1m	0.0029	0.01			GB
2020/21-3	MO-MEI	matrix spike, rec	3/17/2021	Pesticide	Fensulfothion	n/a	=	234	%	EPA 625.1m	-88	-88	0.1	231	GB
2020/21-3	MO-MEI	matrix spike dup	3/17/2021	Pesticide	Fensulfothion	n/a	=	0.137	µg/L	EPA 625.1m	0.0029	0.01			GB
2020/21-3	MO-MEI	matrix spike dup, rec	3/17/2021	Pesticide	Fensulfothion	n/a	=	274	%	EPA 625.1m	-88	-88	0.1	231	GB
2020/21-3	MO-MEI	matrix spike, RPD	3/17/2021	Pesticide	Fensulfothion	n/a	=	16	%	EPA 625.1m	-88	-88	0	30	GB
2020/21-3	Lab	method blank	3/17/2021	Pesticide	Fenthion	n/a	<	0.0038	µg/L	EPA 625.1m	0.0038	0.01			
2020/21-3	Lab	LCS	3/17/2021	Pesticide	Fenthion	n/a	=	0.0654	µg/L	EPA 625.1m	0.0038	0.01			
2020/21-3	Lab	LCS, rec	3/17/2021	Pesticide	Fenthion	n/a	=	131	%	EPA 625.1m	-88	-88	37	154	
2020/21-3	Lab	method blank	3/19/2021	Pesticide	Fenthion	n/a	<	0.0038	µg/L	EPA 625.1m	0.0038	0.01			
2020/21-3	Lab	LCS	3/20/2021	Pesticide	Fenthion	n/a	=	0.0591	µg/L	EPA 625.1m	0.0038	0.01			
2020/21-3	Lab	LCS, rec	3/20/2021	Pesticide	Fenthion	n/a	=	118	%	EPA 625.1m	-88	-88	37	154	
2020/21-3	ME-CC	matrix spike	3/20/2021	Pesticide	Fenthion	n/a	=	0.159	µg/L	EPA 625.1m	0.0076	0.02			
2020/21-3	ME-CC	matrix spike, rec	3/20/2021	Pesticide	Fenthion	n/a	=	159	%	EPA 625.1m	-88	-88	27	164	
2020/21-3	ME-CC	matrix spike dup	3/20/2021	Pesticide	Fenthion	n/a	=	0.163	µg/L	EPA 625.1m	0.0076	0.02			
2020/21-3	ME-CC	matrix spike dup, rec	3/20/2021	Pesticide	Fenthion	n/a	=	163	%	EPA 625.1m	-88	-88	27	164	
2020/21-3	ME-CC	matrix spike, RPD	3/20/2021	Pesticide	Fenthion	n/a	=	2	%	EPA 625.1m	-88	-88	0	30	
2020/21-3	MO-MEI	matrix spike	3/17/2021	Pesticide	Fenthion	n/a	=	0.0968	µg/L	EPA 625.1m	0.0038	0.01			GB
2020/21-3	MO-MEI	matrix spike, rec	3/17/2021	Pesticide	Fenthion	n/a	=	194	%	EPA 625.1m	-88	-88	27	164	GB
2020/21-3	MO-MEI	matrix spike dup	3/17/2021	Pesticide	Fenthion	n/a	=	0.0944	µg/L	EPA 625.1m	0.0038	0.01			GB
2020/21-3	MO-MEI	matrix spike dup, rec	3/17/2021	Pesticide	Fenthion	n/a	=	189	%	EPA 625.1m	-88	-88	27	164	GB
2020/21-3	MO-MEI	matrix spike, RPD	3/17/2021	Pesticide	Fenthion	n/a	=	3	%	EPA 625.1m	-88	-88	0	30	GB
2020/21-3	Lab	method blank	4/2/2021	Pesticide	gamma-BHC (Lindane)	n/a	<	0.0004	µg/L	EPA 608.3	0.0004	0.02			
2020/21-3	Lab	LCS	4/2/2021	Pesticide	gamma-BHC (Lindane)	n/a	=	0.0997	µg/L	EPA 608.3	0.0004	0.02			
2020/21-3	Lab	LCS, rec	4/2/2021	Pesticide	gamma-BHC (Lindane)	n/a	=	100	%	EPA 608.3	-88	-88	43	130	
2020/21-3	Lab	LCS dup	4/2/2021	Pesticide	gamma-BHC (Lindane)	n/a	=	0.104	µg/L	EPA 608.3	0.0004	0.02			
2020/21-3	Lab	LCS dup, rec	4/2/2021	Pesticide	gamma-BHC (Lindane)	n/a	=	104	%	EPA 608.3	-88	-88	43	130	
2020/21-3	Lab	LCS, RPD	4/2/2021	Pesticide	gamma-BHC (Lindane)	n/a	=	4	%	EPA 608.3	-88	-88	0	30	
2020/21-3	Lab	method blank	4/2/2021	Pesticide	gamma-Chlordane	n/a	<	0.0023	µg/L	EPA 608.3	0.0023	0.01			
2020/21-3	000NONPJ	matrix spike	3/18/2021	Pesticide	Glyphosate	n/a	=	29.2	µg/L	EPA 547	1.8	5			
2020/21-3	000NONPJ	matrix spike, rec	3/18/2021	Pesticide	Glyphosate	n/a	=	117	%	EPA 547	-88	-88	41	149	
2020/21-3	000NONPJ	matrix spike dup	3/18/2021	Pesticide	Glyphosate	n/a	=	29.8	µg/L	EPA 547	1.8	5			
2020/21-3	000NONPJ	matrix spike dup, rec	3/18/2021	Pesticide	Glyphosate	n/a	=	119	%	EPA 547	-88	-88	41	149	
2020/21-3	000NONPJ	matrix spike, RPD	3/18/2021	Pesticide	Glyphosate	n/a	=	2	%	EPA 547	-88	-88	0	30	
2020/21-3	Lab	method blank	3/18/2021	Pesticide	Glyphosate	n/a	<	1.8	µg/L	EPA 547	1.8	5			
2020/21-3	Lab	LCS	3/18/2021	Pesticide	Glyphosate	n/a	=	26.6	µg/L	EPA 547	1.8	5			
2020/21-3	Lab	LCS, rec	3/18/2021	Pesticide	Glyphosate	n/a	=	106	%	EPA 547	-88	-88	70	130	
2020/21-3	ME-CC	matrix spike	3/18/2021	Pesticide	Glyphosate	n/a	=	32.3	µg/L	EPA 547	1.8	5			
2020/21-3	ME-CC	matrix spike, rec	3/18/2021	Pesticide	Glyphosate	n/a	=	105	%	EPA 547	-88	-88	41	149	
2020/21-3	ME-CC	matrix spike dup	3/18/2021	Pesticide	Glyphosate	n/a	=	33.6	µg/L	EPA 547	1.8	5			
2020/21-3	ME-CC	matrix spike dup, rec	3/18/2021	Pesticide	Glyphosate	n/a	=	110	%	EPA 547	-88	-88	41	149	
2020/21-3	ME-CC	matrix spike, RPD	3/18/2021	Pesticide	Glyphosate	n/a	=	4	%	EPA 547	-88	-88	0	30	
2020/21-3	Lab	method blank	4/2/2021	Pesticide	Heptachlor	n/a	<	0.0006	µg/L	EPA 608.3	0.0006	0.01			
2020/21-3	Lab	LCS	4/2/2021	Pesticide	Heptachlor	n/a	=	0.1	µg/L	EPA 608.3	0.0006	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	
2020/21-3	Lab	LCS, rec	4/2/2021	Pesticide	Heptachlor	n/a	=	100	%	EPA 608.3	-88	-88	43	130	
2020/21-3	Lab	LCS dup	4/2/2021	Pesticide	Heptachlor	n/a	=	0.104	µg/L	EPA 608.3	0.0006	0.01			
2020/21-3	Lab	LCS dup, rec	4/2/2021	Pesticide	Heptachlor	n/a	=	104	%	EPA 608.3	-88	-88	43	130	
2020/21-3	Lab	LCS, RPD	4/2/2021	Pesticide	Heptachlor	n/a	=	4	%	EPA 608.3	-88	-88	0	30	
2020/21-3	Lab	method blank	4/2/2021	Pesticide	Heptachlor epoxide	n/a	<	0.0004	µg/L	EPA 608.3	0.0004	0.01			
2020/21-3	Lab	LCS	4/2/2021	Pesticide	Heptachlor epoxide	n/a	=	0.0979	µg/L	EPA 608.3	0.0004	0.01			
2020/21-3	Lab	LCS, rec	4/2/2021	Pesticide	Heptachlor epoxide	n/a	=	98	%	EPA 608.3	-88	-88	57	132	
2020/21-3	Lab	LCS dup	4/2/2021	Pesticide	Heptachlor epoxide	n/a	=	0.102	µg/L	EPA 608.3	0.0004	0.01			
2020/21-3	Lab	LCS dup, rec	4/2/2021	Pesticide	Heptachlor epoxide	n/a	=	102	%	EPA 608.3	-88	-88	57	132	
2020/21-3	Lab	LCS, RPD	4/2/2021	Pesticide	Heptachlor epoxide	n/a	=	4	%	EPA 608.3	-88	-88	0	30	
2020/21-3	Lab	method blank	3/17/2021	Pesticide	Malathion	n/a	<	0.0076	µg/L	EPA 625.1m	0.0076	0.01			
2020/21-3	Lab	LCS	3/17/2021	Pesticide	Malathion	n/a	=	0.0648	µg/L	EPA 625.1m	0.0076	0.01			
2020/21-3	Lab	LCS, rec	3/17/2021	Pesticide	Malathion	n/a	=	130	%	EPA 625.1m	-88	-88	50	150	
2020/21-3	Lab	method blank	3/19/2021	Pesticide	Malathion	n/a	<	0.0076	µg/L	EPA 625.1m	0.0076	0.01			
2020/21-3	Lab	LCS	3/20/2021	Pesticide	Malathion	n/a	=	0.068	µg/L	EPA 625.1m	0.0076	0.01			
2020/21-3	Lab	LCS, rec	3/20/2021	Pesticide	Malathion	n/a	=	136	%	EPA 625.1m	-88	-88	50	150	
2020/21-3	ME-CC	matrix spike	3/20/2021	Pesticide	Malathion	n/a	=	0.214	µg/L	EPA 625.1m	0.015	0.02			GB
2020/21-3	ME-CC	matrix spike, rec	3/20/2021	Pesticide	Malathion	n/a	=	183	%	EPA 625.1m	-88	-88	15	161	GB
2020/21-3	ME-CC	matrix spike dup	3/20/2021	Pesticide	Malathion	n/a	=	0.236	µg/L	EPA 625.1m	0.015	0.02			GB
2020/21-3	ME-CC	matrix spike dup, rec	3/20/2021	Pesticide	Malathion	n/a	=	204	%	EPA 625.1m	-88	-88	15	161	GB
2020/21-3	ME-CC	matrix spike, RPD	3/20/2021	Pesticide	Malathion	n/a	=	10	%	EPA 625.1m	-88	-88	0	30	GB
2020/21-3	MO-MEI	matrix spike	3/17/2021	Pesticide	Malathion	n/a	=	0.108	µg/L	EPA 625.1m	0.0076	0.01			GB
2020/21-3	MO-MEI	matrix spike, rec	3/17/2021	Pesticide	Malathion	n/a	=	216	%	EPA 625.1m	-88	-88	15	161	GB
2020/21-3	MO-MEI	matrix spike dup	3/17/2021	Pesticide	Malathion	n/a	=	0.123	µg/L	EPA 625.1m	0.0076	0.01			GB
2020/21-3	MO-MEI	matrix spike dup, rec	3/17/2021	Pesticide	Malathion	n/a	=	246	%	EPA 625.1m	-88	-88	15	161	GB
2020/21-3	MO-MEI	matrix spike, RPD	3/17/2021	Pesticide	Malathion	n/a	=	13	%	EPA 625.1m	-88	-88	0	30	GB
2020/21-3	Lab	method blank	3/17/2021	Pesticide	Merphos	n/a	<	0.0058	µg/L	EPA 625.1m	0.0058	0.01			
2020/21-3	Lab	LCS	3/17/2021	Pesticide	Merphos	n/a	=	0.0857	µg/L	EPA 625.1m	0.0058	0.01			
2020/21-3	Lab	LCS, rec	3/17/2021	Pesticide	Merphos	n/a	=	171	%	EPA 625.1m	-88	-88	16	175	
2020/21-3	Lab	method blank	3/19/2021	Pesticide	Merphos	n/a	<	0.0058	µg/L	EPA 625.1m	0.0058	0.01			
2020/21-3	Lab	LCS	3/20/2021	Pesticide	Merphos	n/a	=	0.114	µg/L	EPA 625.1m	0.0058	0.01			EUM
2020/21-3	Lab	LCS, rec	3/20/2021	Pesticide	Merphos	n/a	=	228	%	EPA 625.1m	-88	-88	16	175	EUM
2020/21-3	ME-CC	matrix spike	3/20/2021	Pesticide	Merphos	n/a	=	0.259	µg/L	EPA 625.1m	0.012	0.02			GB
2020/21-3	ME-CC	matrix spike, rec	3/20/2021	Pesticide	Merphos	n/a	=	259	%	EPA 625.1m	-88	-88	4	191	GB
2020/21-3	ME-CC	matrix spike dup	3/20/2021	Pesticide	Merphos	n/a	=	0.294	µg/L	EPA 625.1m	0.012	0.02			GB
2020/21-3	ME-CC	matrix spike dup, rec	3/20/2021	Pesticide	Merphos	n/a	=	294	%	EPA 625.1m	-88	-88	4	191	GB
2020/21-3	ME-CC	matrix spike, RPD	3/20/2021	Pesticide	Merphos	n/a	=	13	%	EPA 625.1m	-88	-88	0	30	GB
2020/21-3	MO-MEI	matrix spike	3/17/2021	Pesticide	Merphos	n/a	=	0.114	µg/L	EPA 625.1m	0.0058	0.01			GB
2020/21-3	MO-MEI	matrix spike, rec	3/17/2021	Pesticide	Merphos	n/a	=	227	%	EPA 625.1m	-88	-88	4	191	GB
2020/21-3	MO-MEI	matrix spike dup	3/17/2021	Pesticide	Merphos	n/a	=	0.126	µg/L	EPA 625.1m	0.0058	0.01			GB
2020/21-3	MO-MEI	matrix spike dup, rec	3/17/2021	Pesticide	Merphos	n/a	=	252	%	EPA 625.1m	-88	-88	4	191	GB
2020/21-3	MO-MEI	matrix spike, RPD	3/17/2021	Pesticide	Merphos	n/a	=	10	%	EPA 625.1m	-88	-88	0	30	GB
2020/21-3	Lab	method blank	3/17/2021	Pesticide	Methyl parathion	n/a	<	0.0063	µg/L	EPA 625.1m	0.0063	0.01			
2020/21-3	Lab	LCS	3/17/2021	Pesticide	Methyl parathion	n/a	=	0.0625	µg/L	EPA 625.1m	0.0063	0.01			
2020/21-3	Lab	LCS, rec	3/17/2021	Pesticide	Methyl parathion	n/a	=	125	%	EPA 625.1m	-88	-88	3	224	
2020/21-3	Lab	method blank	3/19/2021	Pesticide	Methyl parathion	n/a	<	0.0063	µg/L	EPA 625.1m	0.0063	0.01			
2020/21-3	Lab	LCS	3/20/2021	Pesticide	Methyl parathion	n/a	=	0.0531	µg/L	EPA 625.1m	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	
2020/21-3	Lab	LCS, rec	3/20/2021	Pesticide	Methyl parathion	n/a	=	106	%	EPA 625.1m	-88	-88	3	224	
2020/21-3	ME-CC	matrix spike	3/20/2021	Pesticide	Methyl parathion	n/a	=	0.141	µg/L	EPA 625.1m	0.013	0.02			
2020/21-3	ME-CC	matrix spike, rec	3/20/2021	Pesticide	Methyl parathion	n/a	=	141	%	EPA 625.1m	-88	-88	10	213	
2020/21-3	ME-CC	matrix spike dup	3/20/2021	Pesticide	Methyl parathion	n/a	=	0.15	µg/L	EPA 625.1m	0.013	0.02			
2020/21-3	ME-CC	matrix spike dup, rec	3/20/2021	Pesticide	Methyl parathion	n/a	=	150	%	EPA 625.1m	-88	-88	10	213	
2020/21-3	ME-CC	matrix spike, RPD	3/20/2021	Pesticide	Methyl parathion	n/a	=	6	%	EPA 625.1m	-88	-88	0	30	
2020/21-3	MO-MEI	matrix spike	3/17/2021	Pesticide	Methyl parathion	n/a	=	0.0727	µg/L	EPA 625.1m	0.0063	0.01			
2020/21-3	MO-MEI	matrix spike, rec	3/17/2021	Pesticide	Methyl parathion	n/a	=	145	%	EPA 625.1m	-88	-88	10	213	
2020/21-3	MO-MEI	matrix spike dup	3/17/2021	Pesticide	Methyl parathion	n/a	=	0.0862	µg/L	EPA 625.1m	0.0063	0.01			
2020/21-3	MO-MEI	matrix spike dup, rec	3/17/2021	Pesticide	Methyl parathion	n/a	=	172	%	EPA 625.1m	-88	-88	10	213	
2020/21-3	MO-MEI	matrix spike, RPD	3/17/2021	Pesticide	Methyl parathion	n/a	=	17	%	EPA 625.1m	-88	-88	0	30	
2020/21-3	Lab	method blank	3/16/2021	Pesticide	Metolachlor	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1			
2020/21-3	Lab	LCS	3/16/2021	Pesticide	Metolachlor	n/a	=	5.31	µg/L	EPA 525.2	0.03	0.1			
2020/21-3	Lab	LCS, rec	3/16/2021	Pesticide	Metolachlor	n/a	=	106	%	EPA 525.2	-88	-88	60	130	
2020/21-3	Lab	LCS dup	3/16/2021	Pesticide	Metolachlor	n/a	=	5.2	µg/L	EPA 525.2	0.03	0.1			
2020/21-3	Lab	LCS dup, rec	3/16/2021	Pesticide	Metolachlor	n/a	=	104	%	EPA 525.2	-88	-88	60	130	
2020/21-3	Lab	LCS, RPD	3/16/2021	Pesticide	Metolachlor	n/a	=	2	%	EPA 525.2	-88	-88	0	30	
2020/21-3	Lab	method blank	3/22/2021	Pesticide	Metolachlor	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1			
2020/21-3	Lab	LCS	3/22/2021	Pesticide	Metolachlor	n/a	=	4.97	µg/L	EPA 525.2	0.03	0.1			
2020/21-3	Lab	LCS, rec	3/22/2021	Pesticide	Metolachlor	n/a	=	99	%	EPA 525.2	-88	-88	60	130	
2020/21-3	Lab	LCS dup	3/22/2021	Pesticide	Metolachlor	n/a	=	5.43	µg/L	EPA 525.2	0.03	0.1			
2020/21-3	Lab	LCS dup, rec	3/22/2021	Pesticide	Metolachlor	n/a	=	109	%	EPA 525.2	-88	-88	60	130	
2020/21-3	Lab	LCS, RPD	3/22/2021	Pesticide	Metolachlor	n/a	=	9	%	EPA 525.2	-88	-88	0	30	
2020/21-3	Lab	method blank	3/16/2021	Pesticide	Metribuzin	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1			
2020/21-3	Lab	LCS	3/16/2021	Pesticide	Metribuzin	n/a	=	5.1	µg/L	EPA 525.2	0.03	0.1			
2020/21-3	Lab	LCS, rec	3/16/2021	Pesticide	Metribuzin	n/a	=	102	%	EPA 525.2	-88	-88	50	120	
2020/21-3	Lab	LCS dup	3/16/2021	Pesticide	Metribuzin	n/a	=	5.35	µg/L	EPA 525.2	0.03	0.1			
2020/21-3	Lab	LCS dup, rec	3/16/2021	Pesticide	Metribuzin	n/a	=	107	%	EPA 525.2	-88	-88	50	120	
2020/21-3	Lab	LCS, RPD	3/16/2021	Pesticide	Metribuzin	n/a	=	5	%	EPA 525.2	-88	-88	0	30	
2020/21-3	Lab	method blank	3/22/2021	Pesticide	Metribuzin	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1			
2020/21-3	Lab	LCS	3/22/2021	Pesticide	Metribuzin	n/a	=	5.21	µg/L	EPA 525.2	0.03	0.1			
2020/21-3	Lab	LCS, rec	3/22/2021	Pesticide	Metribuzin	n/a	=	104	%	EPA 525.2	-88	-88	50	120	
2020/21-3	Lab	LCS dup	3/22/2021	Pesticide	Metribuzin	n/a	=	5.59	µg/L	EPA 525.2	0.03	0.1			
2020/21-3	Lab	LCS dup, rec	3/22/2021	Pesticide	Metribuzin	n/a	=	112	%	EPA 525.2	-88	-88	50	120	
2020/21-3	Lab	LCS, RPD	3/22/2021	Pesticide	Metribuzin	n/a	=	7	%	EPA 525.2	-88	-88	0	30	
2020/21-3	Lab	method blank	3/17/2021	Pesticide	Mevinphos	n/a	<	0.0042	µg/L	EPA 625.1m	0.0042	0.01			
2020/21-3	Lab	LCS	3/17/2021	Pesticide	Mevinphos	n/a	=	0.0533	µg/L	EPA 625.1m	0.0042	0.01			
2020/21-3	Lab	LCS, rec	3/17/2021	Pesticide	Mevinphos	n/a	=	107	%	EPA 625.1m	-88	-88	8	186	
2020/21-3	Lab	method blank	3/19/2021	Pesticide	Mevinphos	n/a	<	0.0042	µg/L	EPA 625.1m	0.0042	0.01			
2020/21-3	Lab	LCS	3/20/2021	Pesticide	Mevinphos	n/a	=	0.0425	µg/L	EPA 625.1m	0.0042	0.01			
2020/21-3	Lab	LCS, rec	3/20/2021	Pesticide	Mevinphos	n/a	=	85	%	EPA 625.1m	-88	-88	8	186	
2020/21-3	ME-CC	matrix spike	3/20/2021	Pesticide	Mevinphos	n/a	=	0.109	µg/L	EPA 625.1m	0.0084	0.02			
2020/21-3	ME-CC	matrix spike, rec	3/20/2021	Pesticide	Mevinphos	n/a	=	109	%	EPA 625.1m	-88	-88	0.1	204	
2020/21-3	ME-CC	matrix spike dup	3/20/2021	Pesticide	Mevinphos	n/a	=	0.12	µg/L	EPA 625.1m	0.0084	0.02			
2020/21-3	ME-CC	matrix spike dup, rec	3/20/2021	Pesticide	Mevinphos	n/a	=	120	%	EPA 625.1m	-88	-88	0.1	204	
2020/21-3	ME-CC	matrix spike, RPD	3/20/2021	Pesticide	Mevinphos	n/a	=	10	%	EPA 625.1m	-88	-88	0	30	
2020/21-3	MO-MEI	matrix spike	3/17/2021	Pesticide	Mevinphos	n/a	=	0.0611	µg/L	EPA 625.1m	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	
2020/21-3	MO-MEI	matrix spike, rec	3/17/2021	Pesticide	Mevinphos	n/a	=	122	%	EPA 625.1m	-88	-88	0.1	204	
2020/21-3	MO-MEI	matrix spike dup	3/17/2021	Pesticide	Mevinphos	n/a	=	0.0671	µg/L	EPA 625.1m	0.0042	0.01			
2020/21-3	MO-MEI	matrix spike dup, rec	3/17/2021	Pesticide	Mevinphos	n/a	=	134	%	EPA 625.1m	-88	-88	0.1	204	
2020/21-3	MO-MEI	matrix spike, RPD	3/17/2021	Pesticide	Mevinphos	n/a	=	9	%	EPA 625.1m	-88	-88	0	30	
2020/21-3	Lab	method blank	3/16/2021	Pesticide	Molinate	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1			
2020/21-3	Lab	LCS	3/16/2021	Pesticide	Molinate	n/a	=	4.69	µg/L	EPA 525.2	0.03	0.1			
2020/21-3	Lab	LCS, rec	3/16/2021	Pesticide	Molinate	n/a	=	94	%	EPA 525.2	-88	-88	70	130	
2020/21-3	Lab	LCS dup	3/16/2021	Pesticide	Molinate	n/a	=	4.8	µg/L	EPA 525.2	0.03	0.1			
2020/21-3	Lab	LCS dup, rec	3/16/2021	Pesticide	Molinate	n/a	=	96	%	EPA 525.2	-88	-88	70	130	
2020/21-3	Lab	LCS, RPD	3/16/2021	Pesticide	Molinate	n/a	=	2	%	EPA 525.2	-88	-88	0	30	
2020/21-3	Lab	method blank	3/22/2021	Pesticide	Molinate	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1			
2020/21-3	Lab	LCS	3/22/2021	Pesticide	Molinate	n/a	=	4.66	µg/L	EPA 525.2	0.03	0.1			
2020/21-3	Lab	LCS, rec	3/22/2021	Pesticide	Molinate	n/a	=	93	%	EPA 525.2	-88	-88	70	130	
2020/21-3	Lab	LCS dup	3/22/2021	Pesticide	Molinate	n/a	=	4.53	µg/L	EPA 525.2	0.03	0.1			
2020/21-3	Lab	LCS dup, rec	3/22/2021	Pesticide	Molinate	n/a	=	91	%	EPA 525.2	-88	-88	70	130	
2020/21-3	Lab	LCS, RPD	3/22/2021	Pesticide	Molinate	n/a	=	3	%	EPA 525.2	-88	-88	0	30	
2020/21-3	Lab	method blank	3/17/2021	Pesticide	Naled	n/a	<	0.0076	µg/L	EPA 625.1m	0.0076	0.01			
2020/21-3	Lab	LCS	3/17/2021	Pesticide	Naled	n/a	=	0.0287	µg/L	EPA 625.1m	0.0076	0.01			
2020/21-3	Lab	LCS, rec	3/17/2021	Pesticide	Naled	n/a	=	57	%	EPA 625.1m	-88	-88	0.1	207	
2020/21-3	Lab	method blank	3/19/2021	Pesticide	Naled	n/a	<	0.0076	µg/L	EPA 625.1m	0.0076	0.01			
2020/21-3	Lab	LCS	3/20/2021	Pesticide	Naled	n/a	=	0.013	µg/L	EPA 625.1m	0.0076	0.01			
2020/21-3	Lab	LCS, rec	3/20/2021	Pesticide	Naled	n/a	=	26	%	EPA 625.1m	-88	-88	0.1	207	
2020/21-3	ME-CC	matrix spike	3/20/2021	Pesticide	Naled	n/a	=	0.0341	µg/L	EPA 625.1m	0.015	0.02			
2020/21-3	ME-CC	matrix spike, rec	3/20/2021	Pesticide	Naled	n/a	=	34	%	EPA 625.1m	-88	-88	0.1	206	
2020/21-3	ME-CC	matrix spike dup	3/20/2021	Pesticide	Naled	n/a	=	0.0346	µg/L	EPA 625.1m	0.015	0.02			
2020/21-3	ME-CC	matrix spike dup, rec	3/20/2021	Pesticide	Naled	n/a	=	35	%	EPA 625.1m	-88	-88	0.1	206	
2020/21-3	ME-CC	matrix spike, RPD	3/20/2021	Pesticide	Naled	n/a	=	1	%	EPA 625.1m	-88	-88	0	30	
2020/21-3	MO-MEI	matrix spike	3/17/2021	Pesticide	Naled	n/a	=	0.0263	µg/L	EPA 625.1m	0.0076	0.01			
2020/21-3	MO-MEI	matrix spike, rec	3/17/2021	Pesticide	Naled	n/a	=	53	%	EPA 625.1m	-88	-88	0.1	206	
2020/21-3	MO-MEI	matrix spike dup	3/17/2021	Pesticide	Naled	n/a	=	0.0235	µg/L	EPA 625.1m	0.0076	0.01			
2020/21-3	MO-MEI	matrix spike dup, rec	3/17/2021	Pesticide	Naled	n/a	=	47	%	EPA 625.1m	-88	-88	0.1	206	
2020/21-3	MO-MEI	matrix spike, RPD	3/17/2021	Pesticide	Naled	n/a	=	11	%	EPA 625.1m	-88	-88	0	30	
2020/21-3	Lab	method blank	3/25/2021	Pesticide	Pentachlorophenol	n/a	<	0.15	µg/L	EPA 8270C	0.15	1			
2020/21-3	Lab	LCS	3/25/2021	Pesticide	Pentachlorophenol	n/a	=	8.76	µg/L	EPA 8270C	0.15	1			
2020/21-3	Lab	LCS, rec	3/25/2021	Pesticide	Pentachlorophenol	n/a	=	88	%	EPA 8270C	-88	-88	29	106	
2020/21-3	Lab	LCS dup	3/25/2021	Pesticide	Pentachlorophenol	n/a	=	8.71	µg/L	EPA 8270C	0.15	1			
2020/21-3	Lab	LCS dup, rec	3/25/2021	Pesticide	Pentachlorophenol	n/a	=	87	%	EPA 8270C	-88	-88	29	106	
2020/21-3	Lab	LCS, RPD	3/25/2021	Pesticide	Pentachlorophenol	n/a	=	0.5	%	EPA 8270C	-88	-88	0	30	
2020/21-3	Lab	method blank	3/27/2021	Pesticide	Pentachlorophenol	n/a	<	0.046	µg/L	EPA 515.4	0.046	0.2			
2020/21-3	Lab	LCS	3/27/2021	Pesticide	Pentachlorophenol	n/a	=	3.75	µg/L	EPA 515.4	0.046	0.2			
2020/21-3	Lab	LCS, rec	3/27/2021	Pesticide	Pentachlorophenol	n/a	=	94	%	EPA 515.4	-88	-88	70	130	
2020/21-3	Lab	LCS	4/1/2021	Pesticide	Pentachlorophenol	n/a	=	6.04	µg/L	EPA 625.1	0.4	1			
2020/21-3	Lab	LCS, rec	4/1/2021	Pesticide	Pentachlorophenol	n/a	=	60	%	EPA 625.1	-88	-88	41	120	
2020/21-3	Lab	LCS dup	4/1/2021	Pesticide	Pentachlorophenol	n/a	=	7.15	µg/L	EPA 625.1	0.4	1			
2020/21-3	Lab	LCS dup, rec	4/1/2021	Pesticide	Pentachlorophenol	n/a	=	71	%	EPA 625.1	-88	-88	41	120	
2020/21-3	Lab	LCS, RPD	4/1/2021	Pesticide	Pentachlorophenol	n/a	=	17	%	EPA 625.1	-88	-88	0	30	
2020/21-3	Lab	method blank	4/1/2021	Pesticide	Pentachlorophenol	n/a	<	0.4	µg/L	EPA 625.1	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	
2020/21-3	ME-CC	matrix spike	3/27/2021	Pesticide	Pentachlorophenol	n/a	=	3.66	µg/L	EPA 515.4	0.046	0.2			
2020/21-3	ME-CC	matrix spike, rec	3/27/2021	Pesticide	Pentachlorophenol	n/a	=	91	%	EPA 515.4	-88	-88	70	130	
2020/21-3	ME-CC	matrix spike dup	3/27/2021	Pesticide	Pentachlorophenol	n/a	=	3.5	µg/L	EPA 515.4	0.046	0.2			
2020/21-3	ME-CC	matrix spike dup, rec	3/27/2021	Pesticide	Pentachlorophenol	n/a	=	87	%	EPA 515.4	-88	-88	70	130	
2020/21-3	ME-CC	matrix spike, RPD	3/27/2021	Pesticide	Pentachlorophenol	n/a	=	5	%	EPA 515.4	-88	-88	0	30	
2020/21-3	Lab	method blank	3/17/2021	Pesticide	Phorate	n/a	<	0.003	µg/L	EPA 625.1m	0.003	0.01			
2020/21-3	Lab	LCS	3/17/2021	Pesticide	Phorate	n/a	=	0.0596	µg/L	EPA 625.1m	0.003	0.01			
2020/21-3	Lab	LCS, rec	3/17/2021	Pesticide	Phorate	n/a	=	119	%	EPA 625.1m	-88	-88	34	166	
2020/21-3	Lab	method blank	3/19/2021	Pesticide	Phorate	n/a	<	0.003	µg/L	EPA 625.1m	0.003	0.01			
2020/21-3	Lab	LCS	3/20/2021	Pesticide	Phorate	n/a	=	0.0534	µg/L	EPA 625.1m	0.003	0.01			
2020/21-3	Lab	LCS, rec	3/20/2021	Pesticide	Phorate	n/a	=	107	%	EPA 625.1m	-88	-88	34	166	
2020/21-3	ME-CC	matrix spike	3/20/2021	Pesticide	Phorate	n/a	=	0.137	µg/L	EPA 625.1m	0.006	0.02			
2020/21-3	ME-CC	matrix spike, rec	3/20/2021	Pesticide	Phorate	n/a	=	137	%	EPA 625.1m	-88	-88	33	172	
2020/21-3	ME-CC	matrix spike dup	3/20/2021	Pesticide	Phorate	n/a	=	0.144	µg/L	EPA 625.1m	0.006	0.02			
2020/21-3	ME-CC	matrix spike dup, rec	3/20/2021	Pesticide	Phorate	n/a	=	144	%	EPA 625.1m	-88	-88	33	172	
2020/21-3	ME-CC	matrix spike, RPD	3/20/2021	Pesticide	Phorate	n/a	=	5	%	EPA 625.1m	-88	-88	0	30	
2020/21-3	MO-MEI	matrix spike	3/17/2021	Pesticide	Phorate	n/a	=	0.071	µg/L	EPA 625.1m	0.003	0.01			
2020/21-3	MO-MEI	matrix spike, rec	3/17/2021	Pesticide	Phorate	n/a	=	142	%	EPA 625.1m	-88	-88	33	172	
2020/21-3	MO-MEI	matrix spike dup	3/17/2021	Pesticide	Phorate	n/a	=	0.0681	µg/L	EPA 625.1m	0.003	0.01			
2020/21-3	MO-MEI	matrix spike dup, rec	3/17/2021	Pesticide	Phorate	n/a	=	136	%	EPA 625.1m	-88	-88	33	172	
2020/21-3	MO-MEI	matrix spike, RPD	3/17/2021	Pesticide	Phorate	n/a	=	4	%	EPA 625.1m	-88	-88	0	30	
2020/21-3	Lab	method blank	3/27/2021	Pesticide	Picloram	n/a	<	0.038	µg/L	EPA 515.4	0.038	0.6			
2020/21-3	Lab	LCS	3/27/2021	Pesticide	Picloram	n/a	=	3.69	µg/L	EPA 515.4	0.038	0.6			
2020/21-3	Lab	LCS, rec	3/27/2021	Pesticide	Picloram	n/a	=	92	%	EPA 515.4	-88	-88	70	130	
2020/21-3	ME-CC	matrix spike	3/27/2021	Pesticide	Picloram	n/a	=	3.79	µg/L	EPA 515.4	0.038	0.6			
2020/21-3	ME-CC	matrix spike, rec	3/27/2021	Pesticide	Picloram	n/a	=	95	%	EPA 515.4	-88	-88	70	130	
2020/21-3	ME-CC	matrix spike dup	3/27/2021	Pesticide	Picloram	n/a	=	3.92	µg/L	EPA 515.4	0.038	0.6			
2020/21-3	ME-CC	matrix spike dup, rec	3/27/2021	Pesticide	Picloram	n/a	=	98	%	EPA 515.4	-88	-88	70	130	
2020/21-3	ME-CC	matrix spike, RPD	3/27/2021	Pesticide	Picloram	n/a	=	4	%	EPA 515.4	-88	-88	0	30	
2020/21-3	Lab	method blank	3/16/2021	Pesticide	Prometon	n/a	<	0.01	µg/L	EPA 525.2	0.01	0.1			
2020/21-3	Lab	LCS	3/16/2021	Pesticide	Prometon	n/a	=	3.26	µg/L	EPA 525.2	0.01	0.1			
2020/21-3	Lab	LCS, rec	3/16/2021	Pesticide	Prometon	n/a	=	65	%	EPA 525.2	-88	-88	15	120	
2020/21-3	Lab	LCS dup	3/16/2021	Pesticide	Prometon	n/a	=	3.36	µg/L	EPA 525.2	0.01	0.1			
2020/21-3	Lab	LCS dup, rec	3/16/2021	Pesticide	Prometon	n/a	=	67	%	EPA 525.2	-88	-88	15	120	
2020/21-3	Lab	LCS, RPD	3/16/2021	Pesticide	Prometon	n/a	=	3	%	EPA 525.2	-88	-88	0	30	
2020/21-3	Lab	method blank	3/22/2021	Pesticide	Prometon	n/a	<	0.01	µg/L	EPA 525.2	0.01	0.1			
2020/21-3	Lab	LCS	3/22/2021	Pesticide	Prometon	n/a	=	2.95	µg/L	EPA 525.2	0.01	0.1			
2020/21-3	Lab	LCS, rec	3/22/2021	Pesticide	Prometon	n/a	=	59	%	EPA 525.2	-88	-88	15	120	
2020/21-3	Lab	LCS dup	3/22/2021	Pesticide	Prometon	n/a	=	3.39	µg/L	EPA 525.2	0.01	0.1			
2020/21-3	Lab	LCS dup, rec	3/22/2021	Pesticide	Prometon	n/a	=	68	%	EPA 525.2	-88	-88	15	120	
2020/21-3	Lab	LCS, RPD	3/22/2021	Pesticide	Prometon	n/a	=	14	%	EPA 525.2	-88	-88	0	30	
2020/21-3	Lab	method blank	3/16/2021	Pesticide	Prometryn	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1			
2020/21-3	Lab	LCS	3/16/2021	Pesticide	Prometryn	n/a	=	3.69	µg/L	EPA 525.2	0.03	0.1			
2020/21-3	Lab	LCS, rec	3/16/2021	Pesticide	Prometryn	n/a	=	74	%	EPA 525.2	-88	-88	30	120	
2020/21-3	Lab	LCS dup	3/16/2021	Pesticide	Prometryn	n/a	=	3.55	µg/L	EPA 525.2	0.03	0.1			
2020/21-3	Lab	LCS dup, rec	3/16/2021	Pesticide	Prometryn	n/a	=	71	%	EPA 525.2	-88	-88	30	120	
2020/21-3	Lab	LCS, RPD	3/16/2021	Pesticide	Prometryn	n/a	=	4	%	EPA 525.2	-88	-88	0	30	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2020/21-3	Lab	method blank	3/22/2021	Pesticide	Prometryn	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1			
2020/21-3	Lab	LCS	3/22/2021	Pesticide	Prometryn	n/a	=	3.34	µg/L	EPA 525.2	0.03	0.1			
2020/21-3	Lab	LCS, rec	3/22/2021	Pesticide	Prometryn	n/a	=	67	%	EPA 525.2	-88	-88	30	120	
2020/21-3	Lab	LCS dup	3/22/2021	Pesticide	Prometryn	n/a	=	3.68	µg/L	EPA 525.2	0.03	0.1			
2020/21-3	Lab	LCS dup, rec	3/22/2021	Pesticide	Prometryn	n/a	=	74	%	EPA 525.2	-88	-88	30	120	
2020/21-3	Lab	LCS, RPD	3/22/2021	Pesticide	Prometryn	n/a	=	10	%	EPA 525.2	-88	-88	0	30	
2020/21-3	Lab	method blank	3/17/2021	Pesticide	Ronnel (Fenclorphos)	n/a	<	0.0041	µg/L	EPA 625.1m	0.0041	0.01			
2020/21-3	Lab	LCS	3/17/2021	Pesticide	Ronnel (Fenclorphos)	n/a	=	0.059	µg/L	EPA 625.1m	0.0041	0.01			
2020/21-3	Lab	LCS, rec	3/17/2021	Pesticide	Ronnel (Fenclorphos)	n/a	=	118	%	EPA 625.1m	-88	-88	43	140	
2020/21-3	Lab	method blank	3/19/2021	Pesticide	Ronnel (Fenclorphos)	n/a	<	0.0041	µg/L	EPA 625.1m	0.0041	0.01			
2020/21-3	Lab	LCS	3/20/2021	Pesticide	Ronnel (Fenclorphos)	n/a	=	0.0512	µg/L	EPA 625.1m	0.0041	0.01			
2020/21-3	Lab	LCS, rec	3/20/2021	Pesticide	Ronnel (Fenclorphos)	n/a	=	102	%	EPA 625.1m	-88	-88	43	140	
2020/21-3	ME-CC	matrix spike	3/20/2021	Pesticide	Ronnel (Fenclorphos)	n/a	=	0.124	µg/L	EPA 625.1m	0.0082	0.02			
2020/21-3	ME-CC	matrix spike, rec	3/20/2021	Pesticide	Ronnel (Fenclorphos)	n/a	=	124	%	EPA 625.1m	-88	-88	36	145	
2020/21-3	ME-CC	matrix spike dup	3/20/2021	Pesticide	Ronnel (Fenclorphos)	n/a	=	0.127	µg/L	EPA 625.1m	0.0082	0.02			
2020/21-3	ME-CC	matrix spike dup, rec	3/20/2021	Pesticide	Ronnel (Fenclorphos)	n/a	=	127	%	EPA 625.1m	-88	-88	36	145	
2020/21-3	ME-CC	matrix spike, RPD	3/20/2021	Pesticide	Ronnel (Fenclorphos)	n/a	=	2	%	EPA 625.1m	-88	-88	0	30	
2020/21-3	MO-MEI	matrix spike	3/17/2021	Pesticide	Ronnel (Fenclorphos)	n/a	=	0.0615	µg/L	EPA 625.1m	0.0041	0.01			
2020/21-3	MO-MEI	matrix spike, rec	3/17/2021	Pesticide	Ronnel (Fenclorphos)	n/a	=	123	%	EPA 625.1m	-88	-88	36	145	
2020/21-3	MO-MEI	matrix spike dup	3/17/2021	Pesticide	Ronnel (Fenclorphos)	n/a	=	0.0563	µg/L	EPA 625.1m	0.0041	0.01			
2020/21-3	MO-MEI	matrix spike dup, rec	3/17/2021	Pesticide	Ronnel (Fenclorphos)	n/a	=	113	%	EPA 625.1m	-88	-88	36	145	
2020/21-3	MO-MEI	matrix spike, RPD	3/17/2021	Pesticide	Ronnel (Fenclorphos)	n/a	=	9	%	EPA 625.1m	-88	-88	0	30	
2020/21-3	Lab	method blank	3/16/2021	Pesticide	Simazine	n/a	<	0.02	µg/L	EPA 525.2	0.02	0.1			
2020/21-3	Lab	LCS	3/16/2021	Pesticide	Simazine	n/a	=	4.53	µg/L	EPA 525.2	0.02	0.1			
2020/21-3	Lab	LCS, rec	3/16/2021	Pesticide	Simazine	n/a	=	91	%	EPA 525.2	-88	-88	60	130	
2020/21-3	Lab	LCS dup	3/16/2021	Pesticide	Simazine	n/a	=	4.5	µg/L	EPA 525.2	0.02	0.1			
2020/21-3	Lab	LCS dup, rec	3/16/2021	Pesticide	Simazine	n/a	=	90	%	EPA 525.2	-88	-88	60	130	
2020/21-3	Lab	LCS, RPD	3/16/2021	Pesticide	Simazine	n/a	=	0.6	%	EPA 525.2	-88	-88	0	30	
2020/21-3	Lab	method blank	3/22/2021	Pesticide	Simazine	n/a	<	0.02	µg/L	EPA 525.2	0.02	0.1			
2020/21-3	Lab	LCS	3/22/2021	Pesticide	Simazine	n/a	=	4.4	µg/L	EPA 525.2	0.02	0.1			
2020/21-3	Lab	LCS, rec	3/22/2021	Pesticide	Simazine	n/a	=	88	%	EPA 525.2	-88	-88	60	130	
2020/21-3	Lab	LCS dup	3/22/2021	Pesticide	Simazine	n/a	=	4.78	µg/L	EPA 525.2	0.02	0.1			
2020/21-3	Lab	LCS dup, rec	3/22/2021	Pesticide	Simazine	n/a	=	96	%	EPA 525.2	-88	-88	60	130	
2020/21-3	Lab	LCS, RPD	3/22/2021	Pesticide	Simazine	n/a	=	8	%	EPA 525.2	-88	-88	0	30	
2020/21-3	Lab	method blank	3/17/2021	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	<	0.0031	µg/L	EPA 625.1m	0.0031	0.01			
2020/21-3	Lab	LCS	3/17/2021	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	=	0.0756	µg/L	EPA 625.1m	0.0031	0.01			
2020/21-3	Lab	LCS, rec	3/17/2021	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	=	151	%	EPA 625.1m	-88	-88	3	171	
2020/21-3	Lab	method blank	3/19/2021	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	<	0.0031	µg/L	EPA 625.1m	0.0031	0.01			
2020/21-3	Lab	LCS	3/20/2021	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	=	0.0555	µg/L	EPA 625.1m	0.0031	0.01			
2020/21-3	Lab	LCS, rec	3/20/2021	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	=	111	%	EPA 625.1m	-88	-88	3	171	
2020/21-3	ME-CC	matrix spike	3/20/2021	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	=	0.149	µg/L	EPA 625.1m	0.0062	0.02			
2020/21-3	ME-CC	matrix spike, rec	3/20/2021	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	=	149	%	EPA 625.1m	-88	-88	0.1	158	
2020/21-3	ME-CC	matrix spike dup	3/20/2021	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	=	0.148	µg/L	EPA 625.1m	0.0062	0.02			
2020/21-3	ME-CC	matrix spike dup, rec	3/20/2021	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	=	148	%	EPA 625.1m	-88	-88	0.1	158	
2020/21-3	ME-CC	matrix spike, RPD	3/20/2021	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	=	0.5	%	EPA 625.1m	-88	-88	0	30	
2020/21-3	MO-MEI	matrix spike	3/17/2021	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	=	0.0882	µg/L	EPA 625.1m	0.0031	0.01			GB
2020/21-3	MO-MEI	matrix spike, rec	3/17/2021	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	=	176	%	EPA 625.1m	-88	-88	0.1	158	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	
2020/21-3	MO-MEI	matrix spike dup	3/17/2021	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	=	0.097	µg/L	EPA 625.1m	0.0031	0.01			GB
2020/21-3	MO-MEI	matrix spike dup, rec	3/17/2021	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	=	194	%	EPA 625.1m	-88	-88	0.1	158	GB
2020/21-3	MO-MEI	matrix spike, RPD	3/17/2021	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	=	9	%	EPA 625.1m	-88	-88	0	30	GB
2020/21-3	Lab	method blank	3/16/2021	Pesticide	Terbacil	n/a	<	0.09	µg/L	EPA 525.2	0.09	2			
2020/21-3	Lab	LCS	3/16/2021	Pesticide	Terbacil	n/a	=	4.42	µg/L	EPA 525.2	0.09	2			
2020/21-3	Lab	LCS, rec	3/16/2021	Pesticide	Terbacil	n/a	=	88	%	EPA 525.2	-88	-88	70	130	
2020/21-3	Lab	LCS dup	3/16/2021	Pesticide	Terbacil	n/a	=	4.9	µg/L	EPA 525.2	0.09	2			
2020/21-3	Lab	LCS dup, rec	3/16/2021	Pesticide	Terbacil	n/a	=	98	%	EPA 525.2	-88	-88	70	130	
2020/21-3	Lab	LCS, RPD	3/16/2021	Pesticide	Terbacil	n/a	=	10	%	EPA 525.2	-88	-88	0	30	
2020/21-3	Lab	method blank	3/22/2021	Pesticide	Terbacil	n/a	<	0.09	µg/L	EPA 525.2	0.09	2			
2020/21-3	Lab	LCS	3/22/2021	Pesticide	Terbacil	n/a	=	5.07	µg/L	EPA 525.2	0.09	2			
2020/21-3	Lab	LCS, rec	3/22/2021	Pesticide	Terbacil	n/a	=	101	%	EPA 525.2	-88	-88	70	130	
2020/21-3	Lab	LCS dup	3/22/2021	Pesticide	Terbacil	n/a	=	4.77	µg/L	EPA 525.2	0.09	2			
2020/21-3	Lab	LCS dup, rec	3/22/2021	Pesticide	Terbacil	n/a	=	95	%	EPA 525.2	-88	-88	70	130	
2020/21-3	Lab	LCS, RPD	3/22/2021	Pesticide	Terbacil	n/a	=	6	%	EPA 525.2	-88	-88	0	30	
2020/21-3	Lab	method blank	3/16/2021	Pesticide	Thiobencarb	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1			
2020/21-3	Lab	LCS	3/16/2021	Pesticide	Thiobencarb	n/a	=	3.98	µg/L	EPA 525.2	0.03	0.1			
2020/21-3	Lab	LCS, rec	3/16/2021	Pesticide	Thiobencarb	n/a	=	80	%	EPA 525.2	-88	-88	70	130	
2020/21-3	Lab	LCS dup	3/16/2021	Pesticide	Thiobencarb	n/a	=	3.99	µg/L	EPA 525.2	0.03	0.1			
2020/21-3	Lab	LCS dup, rec	3/16/2021	Pesticide	Thiobencarb	n/a	=	80	%	EPA 525.2	-88	-88	70	130	
2020/21-3	Lab	LCS, RPD	3/16/2021	Pesticide	Thiobencarb	n/a	=	0.2	%	EPA 525.2	-88	-88	0	30	
2020/21-3	Lab	method blank	3/22/2021	Pesticide	Thiobencarb	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1			
2020/21-3	Lab	LCS	3/22/2021	Pesticide	Thiobencarb	n/a	=	3.94	µg/L	EPA 525.2	0.03	0.1			
2020/21-3	Lab	LCS, rec	3/22/2021	Pesticide	Thiobencarb	n/a	=	79	%	EPA 525.2	-88	-88	70	130	
2020/21-3	Lab	LCS dup	3/22/2021	Pesticide	Thiobencarb	n/a	=	4.15	µg/L	EPA 525.2	0.03	0.1			
2020/21-3	Lab	LCS dup, rec	3/22/2021	Pesticide	Thiobencarb	n/a	=	83	%	EPA 525.2	-88	-88	70	130	
2020/21-3	Lab	LCS, RPD	3/22/2021	Pesticide	Thiobencarb	n/a	=	5	%	EPA 525.2	-88	-88	0	30	
2020/21-3	Lab	method blank	3/17/2021	Pesticide	Tokuthion	n/a	<	0.0078	µg/L	EPA 625.1m	0.0078	0.01			
2020/21-3	Lab	LCS	3/17/2021	Pesticide	Tokuthion	n/a	=	0.0562	µg/L	EPA 625.1m	0.0078	0.01			
2020/21-3	Lab	LCS, rec	3/17/2021	Pesticide	Tokuthion	n/a	=	112	%	EPA 625.1m	-88	-88	34	138	
2020/21-3	Lab	method blank	3/19/2021	Pesticide	Tokuthion	n/a	<	0.0078	µg/L	EPA 625.1m	0.0078	0.01			
2020/21-3	Lab	LCS	3/20/2021	Pesticide	Tokuthion	n/a	=	0.0551	µg/L	EPA 625.1m	0.0078	0.01			
2020/21-3	Lab	LCS, rec	3/20/2021	Pesticide	Tokuthion	n/a	=	110	%	EPA 625.1m	-88	-88	34	138	
2020/21-3	ME-CC	matrix spike	3/20/2021	Pesticide	Tokuthion	n/a	=	0.114	µg/L	EPA 625.1m	0.016	0.02			
2020/21-3	ME-CC	matrix spike, rec	3/20/2021	Pesticide	Tokuthion	n/a	=	114	%	EPA 625.1m	-88	-88	35	145	
2020/21-3	ME-CC	matrix spike dup	3/20/2021	Pesticide	Tokuthion	n/a	=	0.125	µg/L	EPA 625.1m	0.016	0.02			
2020/21-3	ME-CC	matrix spike dup, rec	3/20/2021	Pesticide	Tokuthion	n/a	=	125	%	EPA 625.1m	-88	-88	35	145	
2020/21-3	ME-CC	matrix spike, RPD	3/20/2021	Pesticide	Tokuthion	n/a	=	9	%	EPA 625.1m	-88	-88	0	30	
2020/21-3	MO-MEI	matrix spike	3/17/2021	Pesticide	Tokuthion	n/a	=	0.0601	µg/L	EPA 625.1m	0.0078	0.01			
2020/21-3	MO-MEI	matrix spike, rec	3/17/2021	Pesticide	Tokuthion	n/a	=	120	%	EPA 625.1m	-88	-88	35	145	
2020/21-3	MO-MEI	matrix spike dup	3/17/2021	Pesticide	Tokuthion	n/a	=	0.056	µg/L	EPA 625.1m	0.0078	0.01			
2020/21-3	MO-MEI	matrix spike dup, rec	3/17/2021	Pesticide	Tokuthion	n/a	=	112	%	EPA 625.1m	-88	-88	35	145	
2020/21-3	MO-MEI	matrix spike, RPD	3/17/2021	Pesticide	Tokuthion	n/a	=	7	%	EPA 625.1m	-88	-88	0	30	
2020/21-3	Lab	method blank	4/2/2021	Pesticide	Toxaphene	n/a	<	0.085	µg/L	EPA 608.3	0.085	0.5			
2020/21-3	Lab	method blank	3/17/2021	Pesticide	Trichloronate	n/a	<	0.0067	µg/L	EPA 625.1m	0.0067	0.01			
2020/21-3	Lab	LCS	3/17/2021	Pesticide	Trichloronate	n/a	=	0.0626	µg/L	EPA 625.1m	0.0067	0.01			
2020/21-3	Lab	LCS, rec	3/17/2021	Pesticide	Trichloronate	n/a	=	125	%	EPA 625.1m	-88	-88	42	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	
2020/21-3	Lab	method blank	3/19/2021	Pesticide	Trichloronate	n/a	<	0.0067	µg/L	EPA 625.1m	0.0067	0.01			
2020/21-3	Lab	LCS	3/20/2021	Pesticide	Trichloronate	n/a	=	0.0559	µg/L	EPA 625.1m	0.0067	0.01			
2020/21-3	Lab	LCS, rec	3/20/2021	Pesticide	Trichloronate	n/a	=	112	%	EPA 625.1m	-88	-88	42	137	
2020/21-3	ME-CC	matrix spike	3/20/2021	Pesticide	Trichloronate	n/a	=	0.125	µg/L	EPA 625.1m	0.013	0.02			
2020/21-3	ME-CC	matrix spike, rec	3/20/2021	Pesticide	Trichloronate	n/a	=	125	%	EPA 625.1m	-88	-88	52	133	
2020/21-3	ME-CC	matrix spike dup	3/20/2021	Pesticide	Trichloronate	n/a	=	0.126	µg/L	EPA 625.1m	0.013	0.02			
2020/21-3	ME-CC	matrix spike dup, rec	3/20/2021	Pesticide	Trichloronate	n/a	=	126	%	EPA 625.1m	-88	-88	52	133	
2020/21-3	ME-CC	matrix spike, RPD	3/20/2021	Pesticide	Trichloronate	n/a	=	0.4	%	EPA 625.1m	-88	-88	0	30	
2020/21-3	MO-MEI	matrix spike	3/17/2021	Pesticide	Trichloronate	n/a	=	0.058	µg/L	EPA 625.1m	0.0067	0.01			
2020/21-3	MO-MEI	matrix spike, rec	3/17/2021	Pesticide	Trichloronate	n/a	=	116	%	EPA 625.1m	-88	-88	52	133	
2020/21-3	MO-MEI	matrix spike dup	3/17/2021	Pesticide	Trichloronate	n/a	=	0.0519	µg/L	EPA 625.1m	0.0067	0.01			
2020/21-3	MO-MEI	matrix spike dup, rec	3/17/2021	Pesticide	Trichloronate	n/a	=	104	%	EPA 625.1m	-88	-88	52	133	
2020/21-3	MO-MEI	matrix spike, RPD	3/17/2021	Pesticide	Trichloronate	n/a	=	11	%	EPA 625.1m	-88	-88	0	30	
2020/21-3	Lab	method blank	3/16/2021	Pesticide	Trithion	n/a	<	0.02	µg/L	EPA 525.2	0.02	0.1			
2020/21-3	Lab	LCS	3/16/2021	Pesticide	Trithion	n/a	=	4.83	µg/L	EPA 525.2	0.02	0.1			
2020/21-3	Lab	LCS, rec	3/16/2021	Pesticide	Trithion	n/a	=	97	%	EPA 525.2	-88	-88	70	130	
2020/21-3	Lab	LCS dup	3/16/2021	Pesticide	Trithion	n/a	=	4.68	µg/L	EPA 525.2	0.02	0.1			
2020/21-3	Lab	LCS dup, rec	3/16/2021	Pesticide	Trithion	n/a	=	94	%	EPA 525.2	-88	-88	70	130	
2020/21-3	Lab	LCS, RPD	3/16/2021	Pesticide	Trithion	n/a	=	3	%	EPA 525.2	-88	-88	0	30	
2020/21-3	Lab	method blank	3/22/2021	Pesticide	Trithion	n/a	<	0.02	µg/L	EPA 525.2	0.02	0.1			
2020/21-3	Lab	LCS	3/22/2021	Pesticide	Trithion	n/a	=	4.44	µg/L	EPA 525.2	0.02	0.1			
2020/21-3	Lab	LCS, rec	3/22/2021	Pesticide	Trithion	n/a	=	89	%	EPA 525.2	-88	-88	70	130	
2020/21-3	Lab	LCS dup	3/22/2021	Pesticide	Trithion	n/a	=	4.74	µg/L	EPA 525.2	0.02	0.1			
2020/21-3	Lab	LCS dup, rec	3/22/2021	Pesticide	Trithion	n/a	=	95	%	EPA 525.2	-88	-88	70	130	
2020/21-3	Lab	LCS, RPD	3/22/2021	Pesticide	Trithion	n/a	=	7	%	EPA 525.2	-88	-88	0	30	
2020/21-4	000NONPJ	matrix spike	4/30/2021	Anion	Chloride	n/a	=	738	mg/L	EPA 300.0	0.85	5			
2020/21-4	000NONPJ	matrix spike, rec	4/30/2021	Anion	Chloride	n/a	=	92	%	EPA 300.0	-88	-88	76	118	
2020/21-4	000NONPJ	matrix spike dup	4/30/2021	Anion	Chloride	n/a	=	738	mg/L	EPA 300.0	0.85	5			
2020/21-4	000NONPJ	matrix spike dup, rec	4/30/2021	Anion	Chloride	n/a	=	92	%	EPA 300.0	-88	-88	76	118	
2020/21-4	000NONPJ	matrix spike, RPD	4/30/2021	Anion	Chloride	n/a	=	0.1	%	EPA 300.0	-88	-88	0	20	
2020/21-4	000NONPJ	matrix spike	4/30/2021	Anion	Chloride	n/a	=	200	mg/L	EPA 300.0	0.85	5			
2020/21-4	000NONPJ	matrix spike, rec	4/30/2021	Anion	Chloride	n/a	=	105	%	EPA 300.0	-88	-88	76	118	
2020/21-4	000NONPJ	matrix spike dup	4/30/2021	Anion	Chloride	n/a	=	200	mg/L	EPA 300.0	0.85	5			
2020/21-4	000NONPJ	matrix spike dup, rec	4/30/2021	Anion	Chloride	n/a	=	105	%	EPA 300.0	-88	-88	76	118	
2020/21-4	000NONPJ	matrix spike, RPD	4/30/2021	Anion	Chloride	n/a	=	0.2	%	EPA 300.0	-88	-88	0	20	
2020/21-4	000NONPJ	matrix spike	5/14/2021	Anion	Chloride	n/a	=	255	mg/L	EPA 300.0	0.85	5			
2020/21-4	000NONPJ	matrix spike, rec	5/14/2021	Anion	Chloride	n/a	=	99	%	EPA 300.0	-88	-88	76	118	
2020/21-4	000NONPJ	matrix spike dup	5/14/2021	Anion	Chloride	n/a	=	258	mg/L	EPA 300.0	0.85	5			
2020/21-4	000NONPJ	matrix spike dup, rec	5/14/2021	Anion	Chloride	n/a	=	103	%	EPA 300.0	-88	-88	76	118	
2020/21-4	000NONPJ	matrix spike, RPD	5/14/2021	Anion	Chloride	n/a	=	1	%	EPA 300.0	-88	-88	0	20	
2020/21-4	000NONPJ	matrix spike	5/14/2021	Anion	Chloride	n/a	=	262	mg/L	EPA 300.0	0.85	5			
2020/21-4	000NONPJ	matrix spike, rec	5/14/2021	Anion	Chloride	n/a	=	106	%	EPA 300.0	-88	-88	76	118	
2020/21-4	000NONPJ	matrix spike dup	5/14/2021	Anion	Chloride	n/a	=	261	mg/L	EPA 300.0	0.85	5			
2020/21-4	000NONPJ	matrix spike dup, rec	5/14/2021	Anion	Chloride	n/a	=	105	%	EPA 300.0	-88	-88	76	118	
2020/21-4	000NONPJ	matrix spike, RPD	5/14/2021	Anion	Chloride	n/a	=	0.3	%	EPA 300.0	-88	-88	0	20	
2020/21-4	000NONPJ	matrix spike	5/18/2021	Anion	Chloride	n/a	=	116	mg/L	EPA 300.0	0.85	5			
2020/21-4	000NONPJ	matrix spike, rec	5/18/2021	Anion	Chloride	n/a	=	104	%	EPA 300.0	-88	-88	76	118	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2020/21-4	000NONPJ	matrix spike dup	5/18/2021	Anion	Chloride	n/a	=	116	mg/L	EPA 300.0	0.85	5			
2020/21-4	000NONPJ	matrix spike dup, rec	5/18/2021	Anion	Chloride	n/a	=	104	%	EPA 300.0	-88	-88	76	118	
2020/21-4	000NONPJ	matrix spike, RPD	5/18/2021	Anion	Chloride	n/a	=	0.03	%	EPA 300.0	-88	-88	0	20	
2020/21-4	000NONPJ	matrix spike	5/18/2021	Anion	Chloride	n/a	=	116	mg/L	EPA 300.0	0.85	5			
2020/21-4	000NONPJ	matrix spike, rec	5/18/2021	Anion	Chloride	n/a	=	103	%	EPA 300.0	-88	-88	76	118	
2020/21-4	000NONPJ	matrix spike dup	5/18/2021	Anion	Chloride	n/a	=	116	mg/L	EPA 300.0	0.85	5			
2020/21-4	000NONPJ	matrix spike dup, rec	5/18/2021	Anion	Chloride	n/a	=	103	%	EPA 300.0	-88	-88	76	118	
2020/21-4	000NONPJ	matrix spike, RPD	5/18/2021	Anion	Chloride	n/a	=	0.1	%	EPA 300.0	-88	-88	0	20	
2020/21-4	Lab	method blank	4/30/2021	Anion	Chloride	n/a	<	0.085	mg/L	EPA 300.0	0.085	0.5			
2020/21-4	Lab	LCS	4/30/2021	Anion	Chloride	n/a	=	10.1	mg/L	EPA 300.0	0.085	0.5			
2020/21-4	Lab	LCS, rec	4/30/2021	Anion	Chloride	n/a	=	101	%	EPA 300.0	-88	-88	90	110	
2020/21-4	Lab	method blank	5/13/2021	Anion	Chloride	n/a	<	0.085	mg/L	EPA 300.0	0.085	0.5			
2020/21-4	Lab	LCS	5/13/2021	Anion	Chloride	n/a	=	10.1	mg/L	EPA 300.0	0.085	0.5			
2020/21-4	Lab	LCS, rec	5/13/2021	Anion	Chloride	n/a	=	101	%	EPA 300.0	-88	-88	90	110	
2020/21-4	Lab	method blank	5/18/2021	Anion	Chloride	n/a	<	0.085	mg/L	EPA 300.0	0.085	0.5			
2020/21-4	Lab	LCS	5/18/2021	Anion	Chloride	n/a	=	10.1	mg/L	EPA 300.0	0.085	0.5			
2020/21-4	Lab	LCS, rec	5/18/2021	Anion	Chloride	n/a	=	101	%	EPA 300.0	-88	-88	90	110	
2020/21-4	000NONPJ	matrix spike	4/30/2021	Anion	Fluoride	n/a	=	10.5	mg/L	EPA 300.0	0.09	1			
2020/21-4	000NONPJ	matrix spike, rec	4/30/2021	Anion	Fluoride	n/a	=	99	%	EPA 300.0	-88	-88	86	107	
2020/21-4	000NONPJ	matrix spike dup	4/30/2021	Anion	Fluoride	n/a	=	10.4	mg/L	EPA 300.0	0.09	1			
2020/21-4	000NONPJ	matrix spike dup, rec	4/30/2021	Anion	Fluoride	n/a	=	98	%	EPA 300.0	-88	-88	86	107	
2020/21-4	000NONPJ	matrix spike, RPD	4/30/2021	Anion	Fluoride	n/a	=	1	%	EPA 300.0	-88	-88	0	20	
2020/21-4	000NONPJ	matrix spike	4/30/2021	Anion	Fluoride	n/a	=	10.2	mg/L	EPA 300.0	0.09	1			
2020/21-4	000NONPJ	matrix spike, rec	4/30/2021	Anion	Fluoride	n/a	=	99	%	EPA 300.0	-88	-88	86	107	
2020/21-4	000NONPJ	matrix spike dup	4/30/2021	Anion	Fluoride	n/a	=	10.3	mg/L	EPA 300.0	0.09	1			
2020/21-4	000NONPJ	matrix spike dup, rec	4/30/2021	Anion	Fluoride	n/a	=	100	%	EPA 300.0	-88	-88	86	107	
2020/21-4	000NONPJ	matrix spike, RPD	4/30/2021	Anion	Fluoride	n/a	=	0.9	%	EPA 300.0	-88	-88	0	20	
2020/21-4	000NONPJ	matrix spike	5/14/2021	Anion	Fluoride	n/a	=	10.1	mg/L	EPA 300.0	0.09	1			
2020/21-4	000NONPJ	matrix spike, rec	5/14/2021	Anion	Fluoride	n/a	=	95	%	EPA 300.0	-88	-88	86	107	
2020/21-4	000NONPJ	matrix spike dup	5/14/2021	Anion	Fluoride	n/a	=	10.6	mg/L	EPA 300.0	0.09	1			
2020/21-4	000NONPJ	matrix spike dup, rec	5/14/2021	Anion	Fluoride	n/a	=	99	%	EPA 300.0	-88	-88	86	107	
2020/21-4	000NONPJ	matrix spike, RPD	5/14/2021	Anion	Fluoride	n/a	=	4	%	EPA 300.0	-88	-88	0	20	
2020/21-4	000NONPJ	matrix spike	5/14/2021	Anion	Fluoride	n/a	=	10.4	mg/L	EPA 300.0	0.09	1			
2020/21-4	000NONPJ	matrix spike, rec	5/14/2021	Anion	Fluoride	n/a	=	96	%	EPA 300.0	-88	-88	86	107	
2020/21-4	000NONPJ	matrix spike dup	5/14/2021	Anion	Fluoride	n/a	=	10.3	mg/L	EPA 300.0	0.09	1			
2020/21-4	000NONPJ	matrix spike dup, rec	5/14/2021	Anion	Fluoride	n/a	=	96	%	EPA 300.0	-88	-88	86	107	
2020/21-4	000NONPJ	matrix spike, RPD	5/14/2021	Anion	Fluoride	n/a	=	0.2	%	EPA 300.0	-88	-88	0	20	
2020/21-4	000NONPJ	matrix spike	5/18/2021	Anion	Fluoride	n/a	=	10	mg/L	EPA 300.0	0.09	1			
2020/21-4	000NONPJ	matrix spike, rec	5/18/2021	Anion	Fluoride	n/a	=	99	%	EPA 300.0	-88	-88	86	107	
2020/21-4	000NONPJ	matrix spike dup	5/18/2021	Anion	Fluoride	n/a	=	10	mg/L	EPA 300.0	0.09	1			
2020/21-4	000NONPJ	matrix spike dup, rec	5/18/2021	Anion	Fluoride	n/a	=	99	%	EPA 300.0	-88	-88	86	107	
2020/21-4	000NONPJ	matrix spike, RPD	5/18/2021	Anion	Fluoride	n/a	=	0.5	%	EPA 300.0	-88	-88	0	20	
2020/21-4	000NONPJ	matrix spike	5/18/2021	Anion	Fluoride	n/a	=	10	mg/L	EPA 300.0	0.09	1			
2020/21-4	000NONPJ	matrix spike, rec	5/18/2021	Anion	Fluoride	n/a	=	99	%	EPA 300.0	-88	-88	86	107	
2020/21-4	000NONPJ	matrix spike dup	5/18/2021	Anion	Fluoride	n/a	=	10	mg/L	EPA 300.0	0.09	1			
2020/21-4	000NONPJ	matrix spike dup, rec	5/18/2021	Anion	Fluoride	n/a	=	99	%	EPA 300.0	-88	-88	86	107	
2020/21-4	000NONPJ	matrix spike, RPD	5/18/2021	Anion	Fluoride	n/a	=	0.2	%	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	
2020/21-4	Lab	method blank	4/30/2021	Anion	Fluoride	n/a	<	0.009	mg/L	EPA 300.0	0.009	0.1			
2020/21-4	Lab	LCS	4/30/2021	Anion	Fluoride	n/a	=	1.02	mg/L	EPA 300.0	0.009	0.1			
2020/21-4	Lab	LCS, rec	4/30/2021	Anion	Fluoride	n/a	=	102	%	EPA 300.0	-88	-88	90	110	
2020/21-4	Lab	method blank	5/13/2021	Anion	Fluoride	n/a	<	0.009	mg/L	EPA 300.0	0.009	0.1			
2020/21-4	Lab	LCS	5/13/2021	Anion	Fluoride	n/a	=	0.965	mg/L	EPA 300.0	0.009	0.1			
2020/21-4	Lab	LCS, rec	5/13/2021	Anion	Fluoride	n/a	=	96	%	EPA 300.0	-88	-88	90	110	
2020/21-4	Lab	method blank	5/18/2021	Anion	Fluoride	n/a	<	0.009	mg/L	EPA 300.0	0.009	0.1			
2020/21-4	Lab	LCS	5/18/2021	Anion	Fluoride	n/a	=	0.988	mg/L	EPA 300.0	0.009	0.1			
2020/21-4	Lab	LCS, rec	5/18/2021	Anion	Fluoride	n/a	=	99	%	EPA 300.0	-88	-88	90	110	
2020/21-4	000NONPJ	matrix spike	4/30/2021	Anion	Perchlorate	n/a	=	11	µg/L	EPA 314.0	0.84	2			
2020/21-4	000NONPJ	matrix spike, rec	4/30/2021	Anion	Perchlorate	n/a	=	95	%	EPA 314.0	-88	-88	80	120	
2020/21-4	000NONPJ	matrix spike dup	4/30/2021	Anion	Perchlorate	n/a	=	11	µg/L	EPA 314.0	0.84	2			
2020/21-4	000NONPJ	matrix spike dup, rec	4/30/2021	Anion	Perchlorate	n/a	=	95	%	EPA 314.0	-88	-88	80	120	
2020/21-4	000NONPJ	matrix spike, RPD	4/30/2021	Anion	Perchlorate	n/a	=	0.3	%	EPA 314.0	-88	-88	0	15	
2020/21-4	000NONPJ	matrix spike	5/14/2021	Anion	Perchlorate	n/a	=	10.8	µg/L	EPA 314.0	0.84	2			
2020/21-4	000NONPJ	matrix spike, rec	5/14/2021	Anion	Perchlorate	n/a	=	98	%	EPA 314.0	-88	-88	80	120	
2020/21-4	000NONPJ	matrix spike dup	5/17/2021	Anion	Perchlorate	n/a	=	11	µg/L	EPA 314.0	0.84	2			
2020/21-4	000NONPJ	matrix spike dup, rec	5/17/2021	Anion	Perchlorate	n/a	=	100	%	EPA 314.0	-88	-88	80	120	
2020/21-4	000NONPJ	matrix spike, RPD	5/17/2021	Anion	Perchlorate	n/a	=	2	%	EPA 314.0	-88	-88	0	15	
2020/21-4	000NONPJ	matrix spike	5/19/2021	Anion	Perchlorate	n/a	=	9.77	µg/L	EPA 314.0	0.84	2			
2020/21-4	000NONPJ	matrix spike, rec	5/19/2021	Anion	Perchlorate	n/a	=	98	%	EPA 314.0	-88	-88	80	120	
2020/21-4	000NONPJ	matrix spike dup	5/19/2021	Anion	Perchlorate	n/a	=	9.86	µg/L	EPA 314.0	0.84	2			
2020/21-4	000NONPJ	matrix spike dup, rec	5/19/2021	Anion	Perchlorate	n/a	=	99	%	EPA 314.0	-88	-88	80	120	
2020/21-4	000NONPJ	matrix spike, RPD	5/19/2021	Anion	Perchlorate	n/a	=	0.9	%	EPA 314.0	-88	-88	0	15	
2020/21-4	Lab	method blank	4/30/2021	Anion	Perchlorate	n/a	<	0.84	µg/L	EPA 314.0	0.84	2			
2020/21-4	Lab	LCS	4/30/2021	Anion	Perchlorate	n/a	=	9.69	µg/L	EPA 314.0	0.84	2			
2020/21-4	Lab	LCS, rec	4/30/2021	Anion	Perchlorate	n/a	=	97	%	EPA 314.0	-88	-88	85	115	
2020/21-4	Lab	method blank	5/14/2021	Anion	Perchlorate	n/a	<	0.84	µg/L	EPA 314.0	0.84	2			
2020/21-4	Lab	LCS	5/14/2021	Anion	Perchlorate	n/a	=	9.71	µg/L	EPA 314.0	0.84	2			
2020/21-4	Lab	LCS, rec	5/14/2021	Anion	Perchlorate	n/a	=	97	%	EPA 314.0	-88	-88	85	115	
2020/21-4	Lab	method blank	5/17/2021	Anion	Perchlorate	n/a	<	0.84	µg/L	EPA 314.0	0.84	2			
2020/21-4	Lab	LCS	5/17/2021	Anion	Perchlorate	n/a	=	9.68	µg/L	EPA 314.0	0.84	2			
2020/21-4	Lab	LCS, rec	5/17/2021	Anion	Perchlorate	n/a	=	97	%	EPA 314.0	-88	-88	85	115	
2020/21-4	Lab	method blank	5/19/2021	Anion	Perchlorate	n/a	<	0.84	µg/L	EPA 314.0	0.84	2			
2020/21-4	Lab	LCS	5/19/2021	Anion	Perchlorate	n/a	=	10.2	µg/L	EPA 314.0	0.84	2			
2020/21-4	Lab	LCS, rec	5/19/2021	Anion	Perchlorate	n/a	=	102	%	EPA 314.0	-88	-88	85	115	
2020/21-4	Lab	method blank	4/27/2021	Bacteriological	E. Coli	n/a	<	1	MPN/100 mL	SM 9223 B	-88	1			
2020/21-4	Lab	method blank	4/28/2021	Bacteriological	E. Coli	n/a	<	1	MPN/100 mL	SM 9223 B	-88	1			
2020/21-4	Lab	method blank	4/29/2021	Bacteriological	E. Coli	n/a	<	1	MPN/100 mL	SM 9223 B	-88	1			
2020/21-4	Lab	method blank	4/29/2021	Bacteriological	E. Coli	n/a	<	1	MPN/100 mL	SM 9223 B	-88	1			
2020/21-4	Lab	method blank	5/3/2021	Bacteriological	E. Coli	n/a	<	1	MPN/100 mL	SM 9223 B	-88	1			
2020/21-4	Lab	method blank	5/13/2021	Bacteriological	E. Coli	n/a	<	1	MPN/100 mL	SM 9223 B	-88	1			
2020/21-4	Lab	method blank	5/13/2021	Bacteriological	E. Coli	n/a	<	1	MPN/100 mL	SM 9223 B	-88	1			
2020/21-4	Lab	method blank	5/14/2021	Bacteriological	E. Coli	n/a	<	1	MPN/100 mL	SM 9223 B	-88	1			
2020/21-4	Lab	method blank	5/14/2021	Bacteriological	E. Coli	n/a	<	1	MPN/100 mL	SM 9223 B	-88	1			
2020/21-4	Lab	method blank	5/18/2021	Bacteriological	E. Coli	n/a	<	1	MPN/100 mL	SM 9223 B	-88	1			
2020/21-4	Lab	method blank	4/27/2021	Bacteriological	Total Coliform	n/a	<	1	MPN/100 mL	SM 9223 B	-88	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	
2020/21-4	Lab	method blank	4/28/2021	Bacteriological	Total Coliform	n/a	<	1	MPN/100 mL	SM 9223 B	-88	1			
2020/21-4	Lab	method blank	4/29/2021	Bacteriological	Total Coliform	n/a	<	1	MPN/100 mL	SM 9223 B	-88	1			
2020/21-4	Lab	method blank	4/29/2021	Bacteriological	Total Coliform	n/a	<	1	MPN/100 mL	SM 9223 B	-88	1			
2020/21-4	Lab	method blank	5/3/2021	Bacteriological	Total Coliform	n/a	<	1	MPN/100 mL	SM 9223 B	-88	1			
2020/21-4	Lab	method blank	5/13/2021	Bacteriological	Total Coliform	n/a	<	1	MPN/100 mL	SM 9223 B	-88	1			
2020/21-4	Lab	method blank	5/13/2021	Bacteriological	Total Coliform	n/a	<	1	MPN/100 mL	SM 9223 B	-88	1			
2020/21-4	Lab	method blank	5/14/2021	Bacteriological	Total Coliform	n/a	<	1	MPN/100 mL	SM 9223 B	-88	1			
2020/21-4	Lab	method blank	5/14/2021	Bacteriological	Total Coliform	n/a	<	1	MPN/100 mL	SM 9223 B	-88	1			
2020/21-4	Lab	method blank	5/18/2021	Bacteriological	Total Coliform	n/a	<	1	MPN/100 mL	SM 9223 B	-88	1			
2020/21-4	000NONPJ	matrix spike	5/5/2021	Cation	Calcium	Total	=	148	mg/L	EPA 200.7	0.16	0.5			
2020/21-4	000NONPJ	matrix spike, rec	5/5/2021	Cation	Calcium	Total	=	87	%	EPA 200.7	-88	-88	70	130	
2020/21-4	000NONPJ	matrix spike dup	5/5/2021	Cation	Calcium	Total	=	150	mg/L	EPA 200.7	0.16	0.5			
2020/21-4	000NONPJ	matrix spike dup, rec	5/5/2021	Cation	Calcium	Total	=	90	%	EPA 200.7	-88	-88	70	130	
2020/21-4	000NONPJ	matrix spike, RPD	5/5/2021	Cation	Calcium	Total	=	1	%	EPA 200.7	-88	-88	0	30	
2020/21-4	000NONPJ	matrix spike	5/20/2021	Cation	Calcium	Total	=	159	mg/L	EPA 200.7	0.16	0.5			
2020/21-4	000NONPJ	matrix spike, rec	5/20/2021	Cation	Calcium	Total	=	85	%	EPA 200.7	-88	-88	70	130	
2020/21-4	000NONPJ	matrix spike dup	5/20/2021	Cation	Calcium	Total	=	159	mg/L	EPA 200.7	0.16	0.5			
2020/21-4	000NONPJ	matrix spike dup, rec	5/20/2021	Cation	Calcium	Total	=	86	%	EPA 200.7	-88	-88	70	130	
2020/21-4	000NONPJ	matrix spike, RPD	5/20/2021	Cation	Calcium	Total	=	0.3	%	EPA 200.7	-88	-88	0	30	
2020/21-4	Lab	method blank	5/4/2021	Cation	Calcium	Total	<	0.16	mg/L	EPA 200.7	0.16	0.5			
2020/21-4	Lab	LCS	5/4/2021	Cation	Calcium	Total	=	49.1	mg/L	EPA 200.7	0.16	0.5			
2020/21-4	Lab	LCS, rec	5/4/2021	Cation	Calcium	Total	=	98	%	EPA 200.7	-88	-88	85	115	
2020/21-4	Lab	method blank	5/5/2021	Cation	Calcium	Total	<	0.16	mg/L	EPA 200.7	0.16	0.5			
2020/21-4	Lab	LCS	5/5/2021	Cation	Calcium	Total	=	50.6	mg/L	EPA 200.7	0.16	0.5			
2020/21-4	Lab	LCS, rec	5/5/2021	Cation	Calcium	Total	=	101	%	EPA 200.7	-88	-88	85	115	
2020/21-4	Lab	method blank	5/19/2021	Cation	Calcium	Total	<	0.16	mg/L	EPA 200.7	0.16	0.5			
2020/21-4	Lab	LCS	5/19/2021	Cation	Calcium	Total	=	50.6	mg/L	EPA 200.7	0.16	0.5			
2020/21-4	Lab	LCS, rec	5/19/2021	Cation	Calcium	Total	=	92	%	EPA 200.7	-88	-88	85	115	
2020/21-4	Lab	method blank	5/20/2021	Cation	Calcium	Total	<	0.16	mg/L	EPA 200.7	0.16	0.5			
2020/21-4	Lab	LCS	5/20/2021	Cation	Calcium	Total	=	50.9	mg/L	EPA 200.7	0.16	0.5			
2020/21-4	Lab	LCS, rec	5/20/2021	Cation	Calcium	Total	=	92	%	EPA 200.7	-88	-88	85	115	
2020/21-4	ME-CC	matrix spike	5/4/2021	Cation	Calcium	Total	=	110	mg/L	EPA 200.7	0.16	0.5			
2020/21-4	ME-CC	matrix spike, rec	5/4/2021	Cation	Calcium	Total	=	91	%	EPA 200.7	-88	-88	70	130	
2020/21-4	ME-CC	matrix spike dup	5/4/2021	Cation	Calcium	Total	=	110	mg/L	EPA 200.7	0.16	0.5			
2020/21-4	ME-CC	matrix spike dup, rec	5/4/2021	Cation	Calcium	Total	=	91	%	EPA 200.7	-88	-88	70	130	
2020/21-4	ME-CC	matrix spike, RPD	5/4/2021	Cation	Calcium	Total	=	0.2	%	EPA 200.7	-88	-88	0	30	
2020/21-4	ME-VR2	matrix spike	5/19/2021	Cation	Calcium	Total	=	173	mg/L	EPA 200.7	0.16	0.5			
2020/21-4	ME-VR2	matrix spike, rec	5/19/2021	Cation	Calcium	Total	=	85	%	EPA 200.7	-88	-88	70	130	
2020/21-4	ME-VR2	matrix spike dup	5/19/2021	Cation	Calcium	Total	=	173	mg/L	EPA 200.7	0.16	0.5			
2020/21-4	ME-VR2	matrix spike dup, rec	5/19/2021	Cation	Calcium	Total	=	86	%	EPA 200.7	-88	-88	70	130	
2020/21-4	ME-VR2	matrix spike, RPD	5/19/2021	Cation	Calcium	Total	=	0.4	%	EPA 200.7	-88	-88	0	30	
2020/21-4	000NONPJ	matrix spike	5/5/2021	Cation	Magnesium	Total	=	74.4	mg/L	EPA 200.7	0.039	0.5			
2020/21-4	000NONPJ	matrix spike, rec	5/5/2021	Cation	Magnesium	Total	=	98	%	EPA 200.7	-88	-88	70	130	
2020/21-4	000NONPJ	matrix spike dup	5/5/2021	Cation	Magnesium	Total	=	75.7	mg/L	EPA 200.7	0.039	0.5			
2020/21-4	000NONPJ	matrix spike dup, rec	5/5/2021	Cation	Magnesium	Total	=	100	%	EPA 200.7	-88	-88	70	130	
2020/21-4	000NONPJ	matrix spike, RPD	5/5/2021	Cation	Magnesium	Total	=	2	%	EPA 200.7	-88	-88	0	30	
2020/21-4	000NONPJ	matrix spike	5/20/2021	Cation	Magnesium	Total	=	89.6	mg/L	EPA 200.7	0.039	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	
2020/21-4	000NONPJ	matrix spike, rec	5/20/2021	Cation	Magnesium	Total	=	92	%	EPA 200.7	-88	-88	70	130	
2020/21-4	000NONPJ	matrix spike dup	5/20/2021	Cation	Magnesium	Total	=	90	mg/L	EPA 200.7	0.039	0.5			
2020/21-4	000NONPJ	matrix spike dup, rec	5/20/2021	Cation	Magnesium	Total	=	93	%	EPA 200.7	-88	-88	70	130	
2020/21-4	000NONPJ	matrix spike, RPD	5/20/2021	Cation	Magnesium	Total	=	0.4	%	EPA 200.7	-88	-88	0	30	
2020/21-4	Lab	method blank	5/4/2021	Cation	Magnesium	Total	<	0.039	mg/L	EPA 200.7	0.039	0.5			
2020/21-4	Lab	LCS	5/4/2021	Cation	Magnesium	Total	=	50	mg/L	EPA 200.7	0.039	0.5			
2020/21-4	Lab	LCS, rec	5/4/2021	Cation	Magnesium	Total	=	100	%	EPA 200.7	-88	-88	85	115	
2020/21-4	Lab	method blank	5/5/2021	Cation	Magnesium	Total	<	0.039	mg/L	EPA 200.7	0.039	0.5			
2020/21-4	Lab	LCS	5/5/2021	Cation	Magnesium	Total	=	50.7	mg/L	EPA 200.7	0.039	0.5			
2020/21-4	Lab	LCS, rec	5/5/2021	Cation	Magnesium	Total	=	101	%	EPA 200.7	-88	-88	85	115	
2020/21-4	Lab	method blank	5/19/2021	Cation	Magnesium	Total	<	0.039	mg/L	EPA 200.7	0.039	0.5			
2020/21-4	Lab	LCS	5/19/2021	Cation	Magnesium	Total	=	50.6	mg/L	EPA 200.7	0.039	0.5			
2020/21-4	Lab	LCS, rec	5/19/2021	Cation	Magnesium	Total	=	92	%	EPA 200.7	-88	-88	85	115	
2020/21-4	Lab	method blank	5/20/2021	Cation	Magnesium	Total	<	0.039	mg/L	EPA 200.7	0.039	0.5			
2020/21-4	Lab	LCS	5/20/2021	Cation	Magnesium	Total	=	50.9	mg/L	EPA 200.7	0.039	0.5			
2020/21-4	Lab	LCS, rec	5/20/2021	Cation	Magnesium	Total	=	92	%	EPA 200.7	-88	-88	85	115	
2020/21-4	ME-CC	matrix spike	5/4/2021	Cation	Magnesium	Total	=	90.1	mg/L	EPA 200.7	0.039	0.5			
2020/21-4	ME-CC	matrix spike, rec	5/4/2021	Cation	Magnesium	Total	=	99	%	EPA 200.7	-88	-88	70	130	
2020/21-4	ME-CC	matrix spike dup	5/4/2021	Cation	Magnesium	Total	=	89.7	mg/L	EPA 200.7	0.039	0.5			
2020/21-4	ME-CC	matrix spike dup, rec	5/4/2021	Cation	Magnesium	Total	=	98	%	EPA 200.7	-88	-88	70	130	
2020/21-4	ME-CC	matrix spike, RPD	5/4/2021	Cation	Magnesium	Total	=	0.4	%	EPA 200.7	-88	-88	0	30	
2020/21-4	ME-VR2	matrix spike	5/19/2021	Cation	Magnesium	Total	=	84.5	mg/L	EPA 200.7	0.039	0.5			
2020/21-4	ME-VR2	matrix spike, rec	5/19/2021	Cation	Magnesium	Total	=	91	%	EPA 200.7	-88	-88	70	130	
2020/21-4	ME-VR2	matrix spike dup	5/19/2021	Cation	Magnesium	Total	=	85.1	mg/L	EPA 200.7	0.039	0.5			
2020/21-4	ME-VR2	matrix spike dup, rec	5/19/2021	Cation	Magnesium	Total	=	93	%	EPA 200.7	-88	-88	70	130	
2020/21-4	ME-VR2	matrix spike, RPD	5/19/2021	Cation	Magnesium	Total	=	0.7	%	EPA 200.7	-88	-88	0	30	
2020/21-4	000NONPJ	lab duplicate	5/4/2021	Conventional	Alkalinity as CaCO3	n/a	=	194	mg/L	SM 2320 B	0.56	5		15	
2020/21-4	000NONPJ	lab duplicate	5/18/2021	Conventional	Alkalinity as CaCO3	n/a	=	273	mg/L	SM 2320 B	0.56	5		15	
2020/21-4	Lab	method blank	5/4/2021	Conventional	Alkalinity as CaCO3	n/a	<	0.56	mg/L	SM 2320 B	0.56	5			
2020/21-4	Lab	LCS	5/4/2021	Conventional	Alkalinity as CaCO3	n/a	=	252	mg/L	SM 2320 B	0.56	5			
2020/21-4	Lab	LCS, rec	5/4/2021	Conventional	Alkalinity as CaCO3	n/a	=	101	%	SM 2320 B	-88	-88	94	108	
2020/21-4	Lab	method blank	5/18/2021	Conventional	Alkalinity as CaCO3	n/a	<	0.56	mg/L	SM 2320 B	0.56	5			
2020/21-4	Lab	LCS	5/18/2021	Conventional	Alkalinity as CaCO3	n/a	=	249	mg/L	SM 2320 B	0.56	5			
2020/21-4	Lab	LCS, rec	5/18/2021	Conventional	Alkalinity as CaCO3	n/a	=	99	%	SM 2320 B	-88	-88	94	108	
2020/21-4	000NONPJ	lab duplicate	5/3/2021	Conventional	BOD	n/a	=	2.08	mg/L	SM 5210 B	2	2		20	
2020/21-4	000NONPJ	lab duplicate	5/5/2021	Conventional	BOD	n/a	=	17.9	mg/L	SM 5210 B	2	2		20	
2020/21-4	000NONPJ	lab duplicate	5/18/2021	Conventional	BOD	n/a	<	2	mg/L	SM 5210 B	2	2		20	
2020/21-4	000NONPJ	lab duplicate	5/19/2021	Conventional	BOD	n/a	<	2	mg/L	SM 5210 B	2	2		20	
2020/21-4	Lab	LCS	5/3/2021	Conventional	BOD	n/a	=	204	mg/L	SM 5210 B	2	2			
2020/21-4	Lab	LCS, rec	5/3/2021	Conventional	BOD	n/a	=	103	%	SM 5210 B	-88	-88	85	115	
2020/21-4	Lab	method blank	5/5/2021	Conventional	BOD	n/a	<	2	mg/L	SM 5210 B	2	2			
2020/21-4	Lab	method blank	5/5/2021	Conventional	BOD	n/a	<	2	mg/L	SM 5210 B	2	2			
2020/21-4	Lab	LCS	5/5/2021	Conventional	BOD	n/a	=	170	mg/L	SM 5210 B	2	2			
2020/21-4	Lab	LCS, rec	5/5/2021	Conventional	BOD	n/a	=	86	%	SM 5210 B	-88	-88	85	115	
2020/21-4	Lab	method blank	5/10/2021	Conventional	BOD	n/a	<	2	mg/L	SM 5210 B	2	2			
2020/21-4	Lab	method blank	5/10/2021	Conventional	BOD	n/a	<	2	mg/L	SM 5210 B	2	2			
2020/21-4	Lab	method blank	5/18/2021	Conventional	BOD	n/a	<	2	mg/L	SM 5210 B	2	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	
2020/21-4	Lab	method blank	5/18/2021	Conventional	BOD	n/a	<	2	mg/L	SM 5210 B	2	2			
2020/21-4	Lab	LCS	5/18/2021	Conventional	BOD	n/a	=	196	mg/L	SM 5210 B	2	2			
2020/21-4	Lab	LCS, rec	5/18/2021	Conventional	BOD	n/a	=	99	%	SM 5210 B	-88	-88	85	115	
2020/21-4	Lab	method blank	5/19/2021	Conventional	BOD	n/a	<	2	mg/L	SM 5210 B	2	2			
2020/21-4	Lab	method blank	5/19/2021	Conventional	BOD	n/a	<	2	mg/L	SM 5210 B	2	2			
2020/21-4	Lab	LCS	5/19/2021	Conventional	BOD	n/a	=	201	mg/L	SM 5210 B	2	2			
2020/21-4	Lab	LCS, rec	5/19/2021	Conventional	BOD	n/a	=	102	%	SM 5210 B	-88	-88	85	115	
2020/21-4	000NONPJ	matrix spike	5/10/2021	Conventional	COD	n/a	=	213	mg/L	EPA 410.4	11	20			
2020/21-4	000NONPJ	matrix spike dup	5/10/2021	Conventional	COD	n/a	=	211	mg/L	EPA 410.4	11	20			
2020/21-4	000NONPJ	matrix spike dup, rec	5/10/2021	Conventional	COD	n/a	=	106	%	EPA 410.4	-88	-88	90	110	
2020/21-4	000NONPJ	matrix spike, rec	5/10/2021	Conventional	COD	n/a	=	107	%	EPA 410.4	-88	-88	90	110	
2020/21-4	000NONPJ	matrix spike, RPD	5/10/2021	Conventional	COD	n/a	=	1	%	EPA 410.4	-88	-88	0	15	
2020/21-4	000NONPJ	lab duplicate	5/10/2021	Conventional	COD	n/a	=	45600	mg/L	EPA 410.4	290	500		15	
2020/21-4	000NONPJ	matrix spike	5/10/2021	Conventional	COD	n/a	=	2650	mg/L	EPA 410.4	11	20			
2020/21-4	000NONPJ	matrix spike, rec	5/10/2021	Conventional	COD	n/a	=	100	%	EPA 410.4	-88	-88	90	110	
2020/21-4	000NONPJ	matrix spike dup	5/10/2021	Conventional	COD	n/a	=	2700	mg/L	EPA 410.4	11	20			
2020/21-4	000NONPJ	matrix spike dup, rec	5/10/2021	Conventional	COD	n/a	=	103	%	EPA 410.4	-88	-88	90	110	
2020/21-4	000NONPJ	matrix spike, RPD	5/10/2021	Conventional	COD	n/a	=	2	%	EPA 410.4	-88	-88	0	15	
2020/21-4	000NONPJ	lab duplicate	5/21/2021	Conventional	COD	n/a	=	10100	mg/L	EPA 410.4	57	100		15	
2020/21-4	000NONPJ	matrix spike	5/21/2021	Conventional	COD	n/a	=	2650	mg/L	EPA 410.4	11	20			
2020/21-4	000NONPJ	matrix spike, rec	5/21/2021	Conventional	COD	n/a	=	103	%	EPA 410.4	-88	-88	90	110	
2020/21-4	000NONPJ	matrix spike dup	5/21/2021	Conventional	COD	n/a	=	2650	mg/L	EPA 410.4	11	20			
2020/21-4	000NONPJ	matrix spike dup, rec	5/21/2021	Conventional	COD	n/a	=	103	%	EPA 410.4	-88	-88	90	110	
2020/21-4	000NONPJ	matrix spike, RPD	5/21/2021	Conventional	COD	n/a	=	0	%	EPA 410.4	-88	-88	0	15	
2020/21-4	000NONPJ	matrix spike	5/21/2021	Conventional	COD	n/a	=	205	mg/L	EPA 410.4	11	20			
2020/21-4	000NONPJ	matrix spike, rec	5/21/2021	Conventional	COD	n/a	=	103	%	EPA 410.4	-88	-88	90	110	
2020/21-4	000NONPJ	matrix spike dup	5/21/2021	Conventional	COD	n/a	=	209	mg/L	EPA 410.4	11	20			
2020/21-4	000NONPJ	matrix spike dup, rec	5/21/2021	Conventional	COD	n/a	=	105	%	EPA 410.4	-88	-88	90	110	
2020/21-4	000NONPJ	matrix spike, RPD	5/21/2021	Conventional	COD	n/a	=	2	%	EPA 410.4	-88	-88	0	15	
2020/21-4	Lab	method blank	5/10/2021	Conventional	COD	n/a	<	2.9	mg/L	EPA 410.4	2.9	5			
2020/21-4	Lab	LCS	5/10/2021	Conventional	COD	n/a	=	997	mg/L	EPA 410.4	2.9	5			
2020/21-4	Lab	LCS, rec	5/10/2021	Conventional	COD	n/a	=	100	%	EPA 410.4	-88	-88	90	110	
2020/21-4	Lab	LCS	5/21/2021	Conventional	COD	n/a	=	1020	mg/L	EPA 410.4	2.9	5			
2020/21-4	Lab	LCS, rec	5/21/2021	Conventional	COD	n/a	=	102	%	EPA 410.4	-88	-88	90	110	
2020/21-4	Lab	method blank	5/21/2021	Conventional	COD	n/a	<	2.9	mg/L	EPA 410.4	2.9	5			
2020/21-4	000NONPJ	matrix spike	5/4/2021	Conventional	Cyanide	Total	=	0.0495	mg/L	ASTM D7511	0.0003	0.002			
2020/21-4	000NONPJ	matrix spike, rec	5/4/2021	Conventional	Cyanide	Total	=	99	%	ASTM D7511	-88	-88	64	136	
2020/21-4	000NONPJ	matrix spike dup	5/4/2021	Conventional	Cyanide	Total	=	0.0501	mg/L	ASTM D7511	0.0003	0.002			
2020/21-4	000NONPJ	matrix spike dup, rec	5/4/2021	Conventional	Cyanide	Total	=	100	%	ASTM D7511	-88	-88	64	136	
2020/21-4	000NONPJ	matrix spike, RPD	5/4/2021	Conventional	Cyanide	Total	=	1	%	ASTM D7511	-88	-88	0	47	
2020/21-4	Lab	LCS	5/4/2021	Conventional	Cyanide	Total	=	0.0493	mg/L	ASTM D7511	0.0003	0.002			
2020/21-4	Lab	LCS, rec	5/4/2021	Conventional	Cyanide	Total	=	99	%	ASTM D7511	-88	-88	84	116	
2020/21-4	Lab	method blank	5/4/2021	Conventional	Cyanide	Total	<	0.0003	mg/L	ASTM D7511	0.0003	0.002			
2020/21-4	Lab	method blank	5/4/2021	Conventional	Cyanide	Total	<	0.0003	mg/L	ASTM D7511	0.0003	0.002			
2020/21-4	Lab	LCS	5/4/2021	Conventional	Cyanide	Total	=	0.0499	mg/L	ASTM D7511	0.0003	0.002			
2020/21-4	Lab	LCS, rec	5/4/2021	Conventional	Cyanide	Total	=	100	%	ASTM D7511	-88	-88	84	116	
2020/21-4	Lab	LCS	5/19/2021	Conventional	Cyanide	Total	=	0.0512	mg/L	ASTM D7511	0.0003	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	
2020/21-4	Lab	LCS, rec	5/19/2021	Conventional	Cyanide	Total	=	102	%	ASTM D7511	-88	-88	84	116	
2020/21-4	Lab	method blank	5/19/2021	Conventional	Cyanide	Total	<	0.0003	mg/L	ASTM D7511	0.0003	0.002			
2020/21-4	ME-VR2	matrix spike	5/19/2021	Conventional	Cyanide	Total	=	0.049	mg/L	ASTM D7511	0.0003	0.002			
2020/21-4	ME-VR2	matrix spike, rec	5/19/2021	Conventional	Cyanide	Total	=	98	%	ASTM D7511	-88	-88	64	136	
2020/21-4	ME-VR2	matrix spike dup	5/19/2021	Conventional	Cyanide	Total	=	0.05	mg/L	ASTM D7511	0.0003	0.002			
2020/21-4	ME-VR2	matrix spike dup, rec	5/19/2021	Conventional	Cyanide	Total	=	100	%	ASTM D7511	-88	-88	64	136	
2020/21-4	ME-VR2	matrix spike, RPD	5/19/2021	Conventional	Cyanide	Total	=	2	%	ASTM D7511	-88	-88	0	47	
2020/21-4	MO-SIM	matrix spike	5/4/2021	Conventional	Cyanide	Total	=	0.0526	mg/L	ASTM D7511	0.0003	0.002			
2020/21-4	MO-SIM	matrix spike, rec	5/4/2021	Conventional	Cyanide	Total	=	105	%	ASTM D7511	-88	-88	64	136	
2020/21-4	MO-SIM	matrix spike dup	5/4/2021	Conventional	Cyanide	Total	=	0.054	mg/L	ASTM D7511	0.0003	0.002			
2020/21-4	MO-SIM	matrix spike dup, rec	5/4/2021	Conventional	Cyanide	Total	=	108	%	ASTM D7511	-88	-88	64	136	
2020/21-4	MO-SIM	matrix spike, RPD	5/4/2021	Conventional	Cyanide	Total	=	3	%	ASTM D7511	-88	-88	0	47	
2020/21-4	000NONPJ	matrix spike	4/27/2021	Conventional	MBAS	n/a	=	0.289	mg/L	SM 5540 C	0.017	0.05			
2020/21-4	000NONPJ	matrix spike dup	4/27/2021	Conventional	MBAS	n/a	=	0.289	mg/L	SM 5540 C	0.017	0.05			
2020/21-4	000NONPJ	matrix spike dup, rec	4/27/2021	Conventional	MBAS	n/a	=	100	%	SM 5540 C	-88	-88	74	123	
2020/21-4	000NONPJ	matrix spike, rec	4/27/2021	Conventional	MBAS	n/a	=	101	%	SM 5540 C	-88	-88	74	123	
2020/21-4	000NONPJ	matrix spike, RPD	4/27/2021	Conventional	MBAS	n/a	=	0.3	%	SM 5540 C	-88	-88	0	20	
2020/21-4	000NONPJ	matrix spike	4/30/2021	Conventional	MBAS	n/a	=	0.233	mg/L	SM 5540 C	0.017	0.05			
2020/21-4	000NONPJ	matrix spike, rec	4/30/2021	Conventional	MBAS	n/a	=	105	%	SM 5540 C	-88	-88	74	123	
2020/21-4	000NONPJ	matrix spike dup	4/30/2021	Conventional	MBAS	n/a	=	0.23	mg/L	SM 5540 C	0.017	0.05			
2020/21-4	000NONPJ	matrix spike dup, rec	4/30/2021	Conventional	MBAS	n/a	=	104	%	SM 5540 C	-88	-88	74	123	
2020/21-4	000NONPJ	matrix spike, RPD	4/30/2021	Conventional	MBAS	n/a	=	1	%	SM 5540 C	-88	-88	0	20	
2020/21-4	000NONPJ	matrix spike	5/13/2021	Conventional	MBAS	n/a	=	0.211	mg/L	SM 5540 C	0.017	0.05			
2020/21-4	000NONPJ	matrix spike, rec	5/13/2021	Conventional	MBAS	n/a	=	106	%	SM 5540 C	-88	-88	74	123	
2020/21-4	000NONPJ	matrix spike dup	5/13/2021	Conventional	MBAS	n/a	=	0.213	mg/L	SM 5540 C	0.017	0.05			
2020/21-4	000NONPJ	matrix spike dup, rec	5/13/2021	Conventional	MBAS	n/a	=	106	%	SM 5540 C	-88	-88	74	123	
2020/21-4	000NONPJ	matrix spike, RPD	5/13/2021	Conventional	MBAS	n/a	=	0.6	%	SM 5540 C	-88	-88	0	20	
2020/21-4	000NONPJ	lab duplicate	5/13/2021	Conventional	MBAS	n/a	<	0.017	mg/L	SM 5540 C	0.017	0.05		20	
2020/21-4	Lab	method blank	4/27/2021	Conventional	MBAS	n/a	<	0.017	mg/L	SM 5540 C	0.017	0.05			
2020/21-4	Lab	LCS	4/27/2021	Conventional	MBAS	n/a	=	0.203	mg/L	SM 5540 C	0.017	0.05			
2020/21-4	Lab	LCS, rec	4/27/2021	Conventional	MBAS	n/a	=	101	%	SM 5540 C	-88	-88	82	115	
2020/21-4	Lab	method blank	4/30/2021	Conventional	MBAS	n/a	<	0.017	mg/L	SM 5540 C	0.017	0.05			
2020/21-4	Lab	LCS	4/30/2021	Conventional	MBAS	n/a	=	0.216	mg/L	SM 5540 C	0.017	0.05			
2020/21-4	Lab	LCS, rec	4/30/2021	Conventional	MBAS	n/a	=	108	%	SM 5540 C	-88	-88	82	115	
2020/21-4	Lab	LCS	5/13/2021	Conventional	MBAS	n/a	=	0.21	mg/L	SM 5540 C	0.017	0.05			
2020/21-4	Lab	LCS, rec	5/13/2021	Conventional	MBAS	n/a	=	105	%	SM 5540 C	-88	-88	82	115	
2020/21-4	Lab	method blank	5/13/2021	Conventional	MBAS	n/a	<	0.017	mg/L	SM 5540 C	0.017	0.05			
2020/21-4	000NONPJ	matrix spike	5/4/2021	Conventional	Phenolics	n/a	=	0.246	mg/L	EPA 420.4	0.0032	0.01			
2020/21-4	000NONPJ	matrix spike dup	5/4/2021	Conventional	Phenolics	n/a	=	0.25	mg/L	EPA 420.4	0.0032	0.01			
2020/21-4	000NONPJ	matrix spike dup, rec	5/4/2021	Conventional	Phenolics	n/a	=	100	%	EPA 420.4	-88	-88	90	110	
2020/21-4	000NONPJ	matrix spike, rec	5/4/2021	Conventional	Phenolics	n/a	=	99	%	EPA 420.4	-88	-88	90	110	
2020/21-4	000NONPJ	matrix spike, RPD	5/4/2021	Conventional	Phenolics	n/a	=	1	%	EPA 420.4	-88	-88	0	20	
2020/21-4	000NONPJ	matrix spike	5/18/2021	Conventional	Phenolics	n/a	=	0.249	mg/L	EPA 420.4	0.0032	0.01			
2020/21-4	000NONPJ	matrix spike dup	5/18/2021	Conventional	Phenolics	n/a	=	0.248	mg/L	EPA 420.4	0.0032	0.01			
2020/21-4	000NONPJ	matrix spike dup, rec	5/18/2021	Conventional	Phenolics	n/a	=	99	%	EPA 420.4	-88	-88	90	110	
2020/21-4	000NONPJ	matrix spike, rec	5/18/2021	Conventional	Phenolics	n/a	=	99	%	EPA 420.4	-88	-88	90	110	
2020/21-4	000NONPJ	matrix spike, RPD	5/18/2021	Conventional	Phenolics	n/a	=	0.2	%	EPA 420.4	-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	
2020/21-4	000NONPJ	matrix spike	5/25/2021	Conventional	Phenolics	n/a	=	0.233	mg/L	EPA 420.4	0.0032	0.01			
2020/21-4	000NONPJ	matrix spike dup	5/25/2021	Conventional	Phenolics	n/a	=	0.235	mg/L	EPA 420.4	0.0032	0.01			
2020/21-4	000NONPJ	matrix spike dup, rec	5/25/2021	Conventional	Phenolics	n/a	=	94	%	EPA 420.4	-88	-88	90	110	
2020/21-4	000NONPJ	matrix spike, rec	5/25/2021	Conventional	Phenolics	n/a	=	93	%	EPA 420.4	-88	-88	90	110	
2020/21-4	000NONPJ	matrix spike, RPD	5/25/2021	Conventional	Phenolics	n/a	=	0.9	%	EPA 420.4	-88	-88	0	20	
2020/21-4	Lab	LCS	5/4/2021	Conventional	Phenolics	n/a	=	0.0958	mg/L	EPA 420.4	0.0032	0.01			
2020/21-4	Lab	LCS, rec	5/4/2021	Conventional	Phenolics	n/a	=	96	%	EPA 420.4	-88	-88	90	110	
2020/21-4	Lab	method blank	5/4/2021	Conventional	Phenolics	n/a	<	0.0032	mg/L	EPA 420.4	0.0032	0.01			
2020/21-4	Lab	LCS	5/18/2021	Conventional	Phenolics	n/a	=	0.104	mg/L	EPA 420.4	0.0032	0.01			
2020/21-4	Lab	LCS, rec	5/18/2021	Conventional	Phenolics	n/a	=	104	%	EPA 420.4	-88	-88	90	110	
2020/21-4	Lab	method blank	5/18/2021	Conventional	Phenolics	n/a	<	0.0032	mg/L	EPA 420.4	0.0032	0.01			
2020/21-4	Lab	LCS	5/25/2021	Conventional	Phenolics	n/a	=	0.103	mg/L	EPA 420.4	0.0032	0.01			
2020/21-4	Lab	LCS, rec	5/25/2021	Conventional	Phenolics	n/a	=	103	%	EPA 420.4	-88	-88	90	110	
2020/21-4	Lab	method blank	5/25/2021	Conventional	Phenolics	n/a	<	0.0032	mg/L	EPA 420.4	0.0032	0.01			
2020/21-4	000NONPJ	lab duplicate	4/28/2021	Conventional	Specific Conductance	n/a	=	1100	µmhos/cm	SM 2510 B	0.23	2		5	
2020/21-4	000NONPJ	lab duplicate	5/7/2021	Conventional	Specific Conductance	n/a	=	830	µmhos/cm	SM 2510 B	0.23	2		5	
2020/21-4	000NONPJ	lab duplicate	5/19/2021	Conventional	Specific Conductance	n/a	=	1160	µmhos/cm	SM 2510 B	0.23	2		5	
2020/21-4	000NONPJ	lab duplicate	5/27/2021	Conventional	Specific Conductance	n/a	=	1420	µmhos/cm	SM 2510 B	0.7	6		5	
2020/21-4	000NONPJ	lab duplicate	6/3/2021	Conventional	Specific Conductance	n/a	=	42900	µmhos/cm	SM 2510 B	0.23	2		5	
2020/21-4	Lab	method blank	4/28/2021	Conventional	Specific Conductance	n/a	DNQ	0.29	µmhos/cm	SM 2510 B	0.23	2			IP
2020/21-4	Lab	LCS	4/28/2021	Conventional	Specific Conductance	n/a	=	453	µmhos/cm	SM 2510 B	0.23	2			
2020/21-4	Lab	LCS, rec	4/28/2021	Conventional	Specific Conductance	n/a	=	102	%	SM 2510 B	-88	-88	95	105	
2020/21-4	Lab	method blank	5/7/2021	Conventional	Specific Conductance	n/a	DNQ	0.74	µmhos/cm	SM 2510 B	0.23	2			IP
2020/21-4	Lab	LCS	5/7/2021	Conventional	Specific Conductance	n/a	=	185	µmhos/cm	SM 2510 B	0.23	2			
2020/21-4	Lab	LCS, rec	5/7/2021	Conventional	Specific Conductance	n/a	=	103	%	SM 2510 B	-88	-88	95	105	
2020/21-4	Lab	method blank	5/19/2021	Conventional	Specific Conductance	n/a	DNQ	0.68	µmhos/cm	SM 2510 B	0.23	2			IP
2020/21-4	Lab	LCS	5/19/2021	Conventional	Specific Conductance	n/a	=	187	µmhos/cm	SM 2510 B	0.23	2			
2020/21-4	Lab	LCS, rec	5/19/2021	Conventional	Specific Conductance	n/a	=	104	%	SM 2510 B	-88	-88	95	105	
2020/21-4	Lab	method blank	5/27/2021	Conventional	Specific Conductance	n/a	DNQ	0.55	µmhos/cm	SM 2510 B	0.23	2			IP
2020/21-4	Lab	LCS	5/27/2021	Conventional	Specific Conductance	n/a	=	187	µmhos/cm	SM 2510 B	0.23	2			
2020/21-4	Lab	LCS, rec	5/27/2021	Conventional	Specific Conductance	n/a	=	104	%	SM 2510 B	-88	-88	95	105	
2020/21-4	Lab	LCS	6/3/2021	Conventional	Specific Conductance	n/a	=	25300	µmhos/cm	SM 2510 B	0.23	2			
2020/21-4	Lab	LCS, rec	6/3/2021	Conventional	Specific Conductance	n/a	=	101	%	SM 2510 B	-88	-88	95	105	
2020/21-4	Lab	method blank	6/3/2021	Conventional	Specific Conductance	n/a	<	0.23	µmhos/cm	SM 2510 B	0.23	2			
2020/21-4	000NONPJ	lab duplicate	4/28/2021	Conventional	Total Chlorine Residual	n/a	DNQ	0.016	mg/L	SM 4500-Cl G	0.0076	0.05		15	
2020/21-4	000NONPJ	matrix spike	4/28/2021	Conventional	Total Chlorine Residual	n/a	=	0.221	mg/L	SM 4500-Cl G	0.0076	0.05			
2020/21-4	000NONPJ	matrix spike dup	4/28/2021	Conventional	Total Chlorine Residual	n/a	=	0.228	mg/L	SM 4500-Cl G	0.0076	0.05			
2020/21-4	000NONPJ	matrix spike dup, rec	4/28/2021	Conventional	Total Chlorine Residual	n/a	=	104	%	SM 4500-Cl G	-88	-88	78	114	
2020/21-4	000NONPJ	matrix spike, rec	4/28/2021	Conventional	Total Chlorine Residual	n/a	=	100	%	SM 4500-Cl G	-88	-88	78	114	
2020/21-4	000NONPJ	matrix spike, RPD	4/28/2021	Conventional	Total Chlorine Residual	n/a	=	3	%	SM 4500-Cl G	-88	-88	0	15	
2020/21-4	Lab	LCS	4/28/2021	Conventional	Total Chlorine Residual	n/a	=	0.201	mg/L	SM 4500-Cl G	0.0076	0.05			
2020/21-4	Lab	LCS, rec	4/28/2021	Conventional	Total Chlorine Residual	n/a	=	100	%	SM 4500-Cl G	-88	-88	85	110	
2020/21-4	Lab	method blank	4/28/2021	Conventional	Total Chlorine Residual	n/a	<	0.0076	mg/L	SM 4500-Cl G	0.0076	0.05			
2020/21-4	Lab	LCS	4/30/2021	Conventional	Total Chlorine Residual	n/a	=	0.215	mg/L	SM 4500-Cl G	0.0076	0.05			
2020/21-4	Lab	LCS, rec	4/30/2021	Conventional	Total Chlorine Residual	n/a	=	108	%	SM 4500-Cl G	-88	-88	85	110	
2020/21-4	Lab	method blank	4/30/2021	Conventional	Total Chlorine Residual	n/a	DNQ	0.008	mg/L	SM 4500-Cl G	0.0076	0.05			IP
2020/21-4	Lab	method blank	5/21/2021	Conventional	Total Chlorine Residual	n/a	<	0.0076	mg/L	SM 4500-Cl G	0.0076	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	
2020/21-4	Lab	LCS	5/21/2021	Conventional	Total Chlorine Residual	n/a	=	0.194	mg/L	SM 4500-Cl G	0.0076	0.05			
2020/21-4	Lab	LCS, rec	5/21/2021	Conventional	Total Chlorine Residual	n/a	=	97	%	SM 4500-Cl G	-88	-88	85	110	
2020/21-4	ME-CC	lab duplicate	4/30/2021	Conventional	Total Chlorine Residual	n/a	DNQ	0.031	mg/L	SM 4500-Cl G	0.0076	0.05		15	BV
2020/21-4	ME-CC	matrix spike	4/30/2021	Conventional	Total Chlorine Residual	n/a	=	0.226	mg/L	SM 4500-Cl G	0.0076	0.05			
2020/21-4	ME-CC	matrix spike, rec	4/30/2021	Conventional	Total Chlorine Residual	n/a	=	98	%	SM 4500-Cl G	-88	-88	78	114	
2020/21-4	ME-CC	matrix spike dup	4/30/2021	Conventional	Total Chlorine Residual	n/a	=	0.213	mg/L	SM 4500-Cl G	0.0076	0.05			
2020/21-4	ME-CC	matrix spike dup, rec	4/30/2021	Conventional	Total Chlorine Residual	n/a	=	91	%	SM 4500-Cl G	-88	-88	78	114	
2020/21-4	ME-CC	matrix spike, RPD	4/30/2021	Conventional	Total Chlorine Residual	n/a	=	6	%	SM 4500-Cl G	-88	-88	0	15	
2020/21-4	000NONPJ	lab duplicate	5/3/2021	Conventional	Total Dissolved Solids	n/a	=	4440	mg/L	SM 2540 C	4	10		10	
2020/21-4	000NONPJ	lab duplicate	5/3/2021	Conventional	Total Dissolved Solids	n/a	=	38100	mg/L	SM 2540 C	4	10		10	
2020/21-4	000NONPJ	lab duplicate	5/17/2021	Conventional	Total Dissolved Solids	n/a	=	38900	mg/L	SM 2540 C	4	10		10	
2020/21-4	000NONPJ	lab duplicate	5/20/2021	Conventional	Total Dissolved Solids	n/a	=	866	mg/L	SM 2540 C	4	10		10	
2020/21-4	Lab	LCS	5/3/2021	Conventional	Total Dissolved Solids	n/a	=	826	mg/L	SM 2540 C	4	10			
2020/21-4	Lab	LCS, rec	5/3/2021	Conventional	Total Dissolved Solids	n/a	=	100	%	SM 2540 C	-88	-88	96	102	
2020/21-4	Lab	method blank	5/3/2021	Conventional	Total Dissolved Solids	n/a	<	4	mg/L	SM 2540 C	4	10			
2020/21-4	Lab	LCS	5/17/2021	Conventional	Total Dissolved Solids	n/a	=	838	mg/L	SM 2540 C	4	10			
2020/21-4	Lab	LCS, rec	5/17/2021	Conventional	Total Dissolved Solids	n/a	=	102	%	SM 2540 C	-88	-88	96	102	
2020/21-4	Lab	method blank	5/17/2021	Conventional	Total Dissolved Solids	n/a	<	4	mg/L	SM 2540 C	4	10			
2020/21-4	Lab	LCS	5/20/2021	Conventional	Total Dissolved Solids	n/a	=	833	mg/L	SM 2540 C	4	10			
2020/21-4	Lab	LCS, rec	5/20/2021	Conventional	Total Dissolved Solids	n/a	=	101	%	SM 2540 C	-88	-88	96	102	
2020/21-4	Lab	method blank	5/20/2021	Conventional	Total Dissolved Solids	n/a	<	4	mg/L	SM 2540 C	4	10			
2020/21-4	MO-HUE	lab duplicate	5/17/2021	Conventional	Total Dissolved Solids	n/a	=	12700	mg/L	SM 2540 C	4	10		10	
2020/21-4	MO-OJA	lab duplicate	5/20/2021	Conventional	Total Dissolved Solids	n/a	=	1830	mg/L	SM 2540 C	4	10		10	
2020/21-4	000NONPJ	matrix spike	5/3/2021	Conventional	Total Organic Carbon	n/a	=	6.99	mg/L	SM 5310 B	0.096	0.3			
2020/21-4	000NONPJ	matrix spike dup	5/3/2021	Conventional	Total Organic Carbon	n/a	=	6.89	mg/L	SM 5310 B	0.096	0.3			
2020/21-4	000NONPJ	matrix spike dup, rec	5/3/2021	Conventional	Total Organic Carbon	n/a	=	102	%	SM 5310 B	-88	-88	76	115	
2020/21-4	000NONPJ	matrix spike, rec	5/3/2021	Conventional	Total Organic Carbon	n/a	=	104	%	SM 5310 B	-88	-88	76	115	
2020/21-4	000NONPJ	matrix spike, RPD	5/3/2021	Conventional	Total Organic Carbon	n/a	=	1	%	SM 5310 B	-88	-88	0	20	
2020/21-4	000NONPJ	matrix spike	5/6/2021	Conventional	Total Organic Carbon	n/a	=	6.33	mg/L	SM 5310 B	0.096	0.3			
2020/21-4	000NONPJ	matrix spike dup	5/6/2021	Conventional	Total Organic Carbon	n/a	=	6.48	mg/L	SM 5310 B	0.096	0.3			
2020/21-4	000NONPJ	matrix spike dup, rec	5/6/2021	Conventional	Total Organic Carbon	n/a	=	101	%	SM 5310 B	-88	-88	76	115	
2020/21-4	000NONPJ	matrix spike, rec	5/6/2021	Conventional	Total Organic Carbon	n/a	=	98	%	SM 5310 B	-88	-88	76	115	
2020/21-4	000NONPJ	matrix spike, RPD	5/6/2021	Conventional	Total Organic Carbon	n/a	=	2	%	SM 5310 B	-88	-88	0	20	
2020/21-4	000NONPJ	matrix spike	5/19/2021	Conventional	Total Organic Carbon	n/a	=	5.12	mg/L	SM 5310 B	0.096	0.3			
2020/21-4	000NONPJ	matrix spike dup	5/19/2021	Conventional	Total Organic Carbon	n/a	=	5.07	mg/L	SM 5310 B	0.096	0.3			
2020/21-4	000NONPJ	matrix spike dup, rec	5/19/2021	Conventional	Total Organic Carbon	n/a	=	92	%	SM 5310 B	-88	-88	76	115	
2020/21-4	000NONPJ	matrix spike, rec	5/19/2021	Conventional	Total Organic Carbon	n/a	=	93	%	SM 5310 B	-88	-88	76	115	
2020/21-4	000NONPJ	matrix spike, RPD	5/19/2021	Conventional	Total Organic Carbon	n/a	=	1	%	SM 5310 B	-88	-88	0	20	
2020/21-4	Lab	LCS	5/3/2021	Conventional	Total Organic Carbon	n/a	=	1.01	mg/L	SM 5310 B	0.096	0.3			
2020/21-4	Lab	LCS, rec	5/3/2021	Conventional	Total Organic Carbon	n/a	=	101	%	SM 5310 B	-88	-88	85	115	
2020/21-4	Lab	method blank	5/3/2021	Conventional	Total Organic Carbon	n/a	<	0.096	mg/L	SM 5310 B	0.096	0.3			
2020/21-4	Lab	LCS	5/6/2021	Conventional	Total Organic Carbon	n/a	=	1.14	mg/L	SM 5310 B	0.096	0.3			
2020/21-4	Lab	LCS, rec	5/6/2021	Conventional	Total Organic Carbon	n/a	=	114	%	SM 5310 B	-88	-88	85	115	
2020/21-4	Lab	method blank	5/6/2021	Conventional	Total Organic Carbon	n/a	<	0.096	mg/L	SM 5310 B	0.096	0.3			
2020/21-4	Lab	LCS	5/19/2021	Conventional	Total Organic Carbon	n/a	=	1.09	mg/L	SM 5310 B	0.096	0.3			
2020/21-4	Lab	LCS, rec	5/19/2021	Conventional	Total Organic Carbon	n/a	=	109	%	SM 5310 B	-88	-88	85	115	
2020/21-4	Lab	method blank	5/19/2021	Conventional	Total Organic Carbon	n/a	<	0.096	mg/L	SM 5310 B	0.096	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	
2020/21-4	000NONPJ	lab duplicate	5/3/2021	Conventional	Total Suspended Solids	n/a	=	62	mg/L	SM 2540 D	-88	5		20	
2020/21-4	000NONPJ	lab duplicate	5/18/2021	Conventional	Total Suspended Solids	n/a	=	10.8	mg/L	SM 2540 D	-88	1		20	
2020/21-4	Lab	LCS	5/3/2021	Conventional	Total Suspended Solids	n/a	=	57.2	mg/L	SM 2540 D	-88	5			
2020/21-4	Lab	LCS, rec	5/3/2021	Conventional	Total Suspended Solids	n/a	=	99	%	SM 2540 D	-88	-88	90	110	
2020/21-4	Lab	method blank	5/3/2021	Conventional	Total Suspended Solids	n/a	<	5	mg/L	SM 2540 D	-88	5			
2020/21-4	Lab	LCS	5/18/2021	Conventional	Total Suspended Solids	n/a	=	53.3	mg/L	SM 2540 D	-88	1			
2020/21-4	Lab	LCS, rec	5/18/2021	Conventional	Total Suspended Solids	n/a	=	103	%	SM 2540 D	-88	-88	90	110	
2020/21-4	Lab	method blank	5/18/2021	Conventional	Total Suspended Solids	n/a	<	1	mg/L	SM 2540 D	-88	1			
2020/21-4	MO-CAM	lab duplicate	5/3/2021	Conventional	Total Suspended Solids	n/a	=	6.8	mg/L	SM 2540 D	-88	5		20	
2020/21-4	MO-HUE	lab duplicate	5/18/2021	Conventional	Total Suspended Solids	n/a	=	12.8	mg/L	SM 2540 D	-88	1		20	
2020/21-4	000NONPJ	lab duplicate	4/28/2021	Conventional	Turbidity	n/a	=	0.85	NTU	EPA 180.1	0.017	0.1		10	
2020/21-4	000NONPJ	lab duplicate	4/29/2021	Conventional	Turbidity	n/a	=	20	NTU	EPA 180.1	0.017	0.1		10	
2020/21-4	000NONPJ	lab duplicate	5/14/2021	Conventional	Turbidity	n/a	=	21	NTU	EPA 180.1	0.017	0.1		10	
2020/21-4	Lab	LCS	4/28/2021	Conventional	Turbidity	n/a	=	1.93	NTU	EPA 180.1	0.017	0.1			
2020/21-4	Lab	LCS	4/28/2021	Conventional	Turbidity	n/a	=	9.52	NTU	EPA 180.1	0.017	0.1			
2020/21-4	Lab	LCS, rec	4/28/2021	Conventional	Turbidity	n/a	=	96	%	EPA 180.1	-88	-88	90	110	
2020/21-4	Lab	LCS, rec	4/28/2021	Conventional	Turbidity	n/a	=	95	%	EPA 180.1	-88	-88	90	110	
2020/21-4	Lab	method blank	4/28/2021	Conventional	Turbidity	n/a	DNQ	0.02	NTU	EPA 180.1	0.017	0.1			IP
2020/21-4	Lab	LCS	4/29/2021	Conventional	Turbidity	n/a	=	4.08	NTU	EPA 180.1	0.017	0.1			
2020/21-4	Lab	LCS	4/29/2021	Conventional	Turbidity	n/a	=	10	NTU	EPA 180.1	0.017	0.1			
2020/21-4	Lab	LCS, rec	4/29/2021	Conventional	Turbidity	n/a	=	100	%	EPA 180.1	-88	-88	90	110	
2020/21-4	Lab	LCS, rec	4/29/2021	Conventional	Turbidity	n/a	=	102	%	EPA 180.1	-88	-88	90	110	
2020/21-4	Lab	method blank	4/29/2021	Conventional	Turbidity	n/a	DNQ	0.02	NTU	EPA 180.1	0.017	0.1			IP
2020/21-4	Lab	LCS	5/13/2021	Conventional	Turbidity	n/a	=	10.1	NTU	EPA 180.1	0.017	0.1			
2020/21-4	Lab	LCS, rec	5/13/2021	Conventional	Turbidity	n/a	=	101	%	EPA 180.1	-88	-88	90	110	
2020/21-4	Lab	method blank	5/13/2021	Conventional	Turbidity	n/a	DNQ	0.02	NTU	EPA 180.1	0.017	0.1			IP
2020/21-4	Lab	LCS	5/13/2021	Conventional	Turbidity	n/a	=	3.75	NTU	EPA 180.1	0.017	0.1			
2020/21-4	Lab	LCS, rec	5/13/2021	Conventional	Turbidity	n/a	=	94	%	EPA 180.1	-88	-88	90	110	
2020/21-4	Lab	method blank	5/14/2021	Conventional	Turbidity	n/a	DNQ	0.02	NTU	EPA 180.1	0.017	0.1			IP
2020/21-4	Lab	LCS	5/14/2021	Conventional	Turbidity	n/a	=	1.99	NTU	EPA 180.1	0.017	0.1			
2020/21-4	Lab	LCS	5/14/2021	Conventional	Turbidity	n/a	=	9.96	NTU	EPA 180.1	0.017	0.1			
2020/21-4	Lab	LCS, rec	5/14/2021	Conventional	Turbidity	n/a	=	100	%	EPA 180.1	-88	-88	90	110	
2020/21-4	Lab	LCS, rec	5/14/2021	Conventional	Turbidity	n/a	=	100	%	EPA 180.1	-88	-88	90	110	
2020/21-4	MO-HUE	lab duplicate	5/13/2021	Conventional	Turbidity	n/a	=	6.6	NTU	EPA 180.1	0.017	0.1		10	
2020/21-4	Lab	LCS	5/3/2021	Conventional	Volatile Suspended Solids	n/a	=	43	mg/L	EPA 160.4	3.1	5			
2020/21-4	Lab	LCS, rec	5/3/2021	Conventional	Volatile Suspended Solids	n/a	=	105	%	EPA 160.4	-88	-88	90	110	
2020/21-4	Lab	method blank	5/3/2021	Conventional	Volatile Suspended Solids	n/a	<	3.1	mg/L	EPA 160.4	3.1	5			
2020/21-4	Lab	LCS	5/18/2021	Conventional	Volatile Suspended Solids	n/a	=	39	mg/L	EPA 160.4	0.093	0.15			
2020/21-4	Lab	LCS, rec	5/18/2021	Conventional	Volatile Suspended Solids	n/a	=	106	%	EPA 160.4	-88	-88	90	110	
2020/21-4	Lab	method blank	5/18/2021	Conventional	Volatile Suspended Solids	n/a	<	3.1	mg/L	EPA 160.4	3.1	5			
2020/21-4	MO-CAM	lab duplicate	5/3/2021	Conventional	Volatile Suspended Solids	n/a	=	7	mg/L	EPA 160.4	3.1	5		15	
2020/21-4	MO-HUE	lab duplicate	5/18/2021	Conventional	Volatile Suspended Solids	n/a	=	8	mg/L	EPA 160.4	3.1	5		15	
2020/21-4	Lab	method blank	5/5/2021	Hydrocarbon	Diesel Range Organics	n/a	DNQ	0.0473	mg/L	EPA 8015B	0.032	0.1			IP
2020/21-4	Lab	LCS	5/5/2021	Hydrocarbon	Diesel Range Organics	n/a	=	0.364	mg/L	EPA 8015B	0.032	0.1			
2020/21-4	Lab	LCS, rec	5/5/2021	Hydrocarbon	Diesel Range Organics	n/a	=	73	%	EPA 8015B	-88	-88	56	136	
2020/21-4	Lab	LCS dup	5/5/2021	Hydrocarbon	Diesel Range Organics	n/a	=	0.391	mg/L	EPA 8015B	0.032	0.1			
2020/21-4	Lab	LCS dup, rec	5/5/2021	Hydrocarbon	Diesel Range Organics	n/a	=	78	%	EPA 8015B	-88	-88	56	136	

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Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2020/21-4	Lab	LCS, RPD	5/5/2021	Hydrocarbon	Diesel Range Organics	n/a	=	7	%	EPA 8015B	-88	-88	0	25	
2020/21-4	Lab	method blank	5/27/2021	Hydrocarbon	Diesel Range Organics	n/a	DNQ	0.0496	mg/L	EPA 8015B	0.032	0.1			IP
2020/21-4	Lab	LCS	5/27/2021	Hydrocarbon	Diesel Range Organics	n/a	=	0.359	mg/L	EPA 8015B	0.032	0.1			
2020/21-4	Lab	LCS, rec	5/27/2021	Hydrocarbon	Diesel Range Organics	n/a	=	72	%	EPA 8015B	-88	-88	56	136	
2020/21-4	Lab	LCS dup	5/27/2021	Hydrocarbon	Diesel Range Organics	n/a	=	0.417	mg/L	EPA 8015B	0.032	0.1			
2020/21-4	Lab	LCS dup, rec	5/27/2021	Hydrocarbon	Diesel Range Organics	n/a	=	83	%	EPA 8015B	-88	-88	56	136	
2020/21-4	Lab	LCS, RPD	5/27/2021	Hydrocarbon	Diesel Range Organics	n/a	=	15	%	EPA 8015B	-88	-88	0	25	
2020/21-4	Lab	LCS	5/3/2021	Hydrocarbon	Gasoline Range Organics	n/a	=	0.97	mg/L	LUFT GC/MS	0.065	0.1			
2020/21-4	Lab	LCS, rec	5/3/2021	Hydrocarbon	Gasoline Range Organics	n/a	=	97	%	LUFT GC/MS	-88	-88	53	136	
2020/21-4	Lab	LCS dup	5/3/2021	Hydrocarbon	Gasoline Range Organics	n/a	=	0.99	mg/L	LUFT GC/MS	0.065	0.1			
2020/21-4	Lab	LCS dup, rec	5/3/2021	Hydrocarbon	Gasoline Range Organics	n/a	=	99	%	LUFT GC/MS	-88	-88	53	136	
2020/21-4	Lab	LCS, RPD	5/3/2021	Hydrocarbon	Gasoline Range Organics	n/a	=	2	%	LUFT GC/MS	-88	-88	0	25	
2020/21-4	Lab	method blank	5/3/2021	Hydrocarbon	Gasoline Range Organics	n/a	<	0.065	mg/L	LUFT GC/MS	0.065	0.1			
2020/21-4	Lab	LCS	5/19/2021	Hydrocarbon	Gasoline Range Organics	n/a	=	0.94	mg/L	LUFT GC/MS	0.065	0.1			
2020/21-4	Lab	LCS, rec	5/19/2021	Hydrocarbon	Gasoline Range Organics	n/a	=	94	%	LUFT GC/MS	-88	-88	53	136	
2020/21-4	Lab	LCS dup	5/19/2021	Hydrocarbon	Gasoline Range Organics	n/a	=	0.98	mg/L	LUFT GC/MS	0.065	0.1			
2020/21-4	Lab	LCS dup, rec	5/19/2021	Hydrocarbon	Gasoline Range Organics	n/a	=	98	%	LUFT GC/MS	-88	-88	53	136	
2020/21-4	Lab	LCS, RPD	5/19/2021	Hydrocarbon	Gasoline Range Organics	n/a	=	4	%	LUFT GC/MS	-88	-88	0	25	
2020/21-4	Lab	method blank	5/19/2021	Hydrocarbon	Gasoline Range Organics	n/a	<	0.065	mg/L	LUFT GC/MS	0.065	0.1			
2020/21-4	Lab	srgt method blank	5/5/2021	Hydrocarbon	n-Tetracosane	n/a	=	0.262	mg/L	EPA 8015B	-88	-88			
2020/21-4	Lab	srgt method blank, rec	5/5/2021	Hydrocarbon	n-Tetracosane	n/a	=	105	%	EPA 8015B	-88	-88	64	155	
2020/21-4	Lab	srgt LCS	5/5/2021	Hydrocarbon	n-Tetracosane	n/a	=	0.289	mg/L	EPA 8015B	-88	-88			
2020/21-4	Lab	srgt LCS, rec	5/5/2021	Hydrocarbon	n-Tetracosane	n/a	=	116	%	EPA 8015B	-88	-88	64	155	
2020/21-4	Lab	srgt LCS dup	5/5/2021	Hydrocarbon	n-Tetracosane	n/a	=	0.308	mg/L	EPA 8015B	-88	-88			
2020/21-4	Lab	srgt LCS dup, rec	5/5/2021	Hydrocarbon	n-Tetracosane	n/a	=	123	%	EPA 8015B	-88	-88	64	155	
2020/21-4	Lab	srgt method blank	5/27/2021	Hydrocarbon	n-Tetracosane	n/a	=	0.285	mg/L	EPA 8015B	-88	-88			
2020/21-4	Lab	srgt method blank, rec	5/27/2021	Hydrocarbon	n-Tetracosane	n/a	=	114	%	EPA 8015B	-88	-88	64	155	
2020/21-4	Lab	srgt LCS	5/27/2021	Hydrocarbon	n-Tetracosane	n/a	=	0.245	mg/L	EPA 8015B	-88	-88			
2020/21-4	Lab	srgt LCS, rec	5/27/2021	Hydrocarbon	n-Tetracosane	n/a	=	98	%	EPA 8015B	-88	-88	64	155	
2020/21-4	Lab	srgt LCS dup	5/27/2021	Hydrocarbon	n-Tetracosane	n/a	=	0.228	mg/L	EPA 8015B	-88	-88			
2020/21-4	Lab	srgt LCS dup, rec	5/27/2021	Hydrocarbon	n-Tetracosane	n/a	=	91	%	EPA 8015B	-88	-88	64	155	
2020/21-4	ME-CC	srgt environ	5/5/2021	Hydrocarbon	n-Tetracosane	n/a	=	0.237	mg/L	EPA 8015B	-88	-88			
2020/21-4	ME-CC	srgt environ, rec	5/5/2021	Hydrocarbon	n-Tetracosane	n/a	=	95	%	EPA 8015B	-88	-88	64	155	
2020/21-4	ME-SCR	srgt environ	5/5/2021	Hydrocarbon	n-Tetracosane	n/a	=	0.262	mg/L	EPA 8015B	-88	-88			
2020/21-4	ME-SCR	srgt environ, rec	5/5/2021	Hydrocarbon	n-Tetracosane	n/a	=	105	%	EPA 8015B	-88	-88	64	155	
2020/21-4	ME-VR2	srgt environ	5/27/2021	Hydrocarbon	n-Tetracosane	n/a	=	0.219	mg/L	EPA 8015B	-88	-88			
2020/21-4	ME-VR2	srgt environ, rec	5/27/2021	Hydrocarbon	n-Tetracosane	n/a	=	88	%	EPA 8015B	-88	-88	64	155	
2020/21-4	MO-CAM	srgt environ	5/6/2021	Hydrocarbon	n-Tetracosane	n/a	=	0.217	mg/L	EPA 8015B	-88	-88			
2020/21-4	MO-CAM	srgt environ, rec	5/6/2021	Hydrocarbon	n-Tetracosane	n/a	=	87	%	EPA 8015B	-88	-88	64	155	
2020/21-4	MO-FIL	srgt environ	5/5/2021	Hydrocarbon	n-Tetracosane	n/a	=	0.233	mg/L	EPA 8015B	-88	-88			
2020/21-4	MO-FIL	srgt environ, rec	5/5/2021	Hydrocarbon	n-Tetracosane	n/a	=	93	%	EPA 8015B	-88	-88	64	155	
2020/21-4	MO-HUE	srgt environ	5/28/2021	Hydrocarbon	n-Tetracosane	n/a	=	0.291	mg/L	EPA 8015B	-88	-88			
2020/21-4	MO-HUE	srgt environ, rec	5/28/2021	Hydrocarbon	n-Tetracosane	n/a	=	117	%	EPA 8015B	-88	-88	64	155	
2020/21-4	MO-MPK	srgt environ	5/5/2021	Hydrocarbon	n-Tetracosane	n/a	=	0.241	mg/L	EPA 8015B	-88	-88			
2020/21-4	MO-MPK	srgt environ, rec	5/5/2021	Hydrocarbon	n-Tetracosane	n/a	=	96	%	EPA 8015B	-88	-88	64	155	
2020/21-4	MO-OJA	srgt environ	5/27/2021	Hydrocarbon	n-Tetracosane	n/a	=	0.22	mg/L	EPA 8015B	-88	-88			
2020/21-4	MO-OJA	srgt environ, rec	5/27/2021	Hydrocarbon	n-Tetracosane	n/a	=	88	%	EPA 8015B	-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	
2020/21-4	MO-SIM	srgt environ	5/5/2021	Hydrocarbon	n-Tetracosane	n/a	=	0.242	mg/L	EPA 8015B	-88	-88			
2020/21-4	MO-SIM	srgt environ, rec	5/5/2021	Hydrocarbon	n-Tetracosane	n/a	=	97	%	EPA 8015B	-88	-88	64	155	
2020/21-4	MO-THO	srgt environ	5/6/2021	Hydrocarbon	n-Tetracosane	n/a	=	0.272	mg/L	EPA 8015B	-88	-88			
2020/21-4	MO-THO	srgt environ, rec	5/6/2021	Hydrocarbon	n-Tetracosane	n/a	=	109	%	EPA 8015B	-88	-88	64	155	
2020/21-4	Lab	LCS	4/28/2021	Hydrocarbon	Oil and Grease	n/a	DNQ	4.5	mg/L	EPA 1664B	0.7	5			
2020/21-4	Lab	LCS	4/28/2021	Hydrocarbon	Oil and Grease	n/a	=	16.7	mg/L	EPA 1664B	0.7	5			
2020/21-4	Lab	LCS dup	4/28/2021	Hydrocarbon	Oil and Grease	n/a	=	16.4	mg/L	EPA 1664B	0.7	5			
2020/21-4	Lab	LCS dup, rec	4/28/2021	Hydrocarbon	Oil and Grease	n/a	=	82	%	EPA 1664B	-88	-88	78	114	
2020/21-4	Lab	LCS, rec	4/28/2021	Hydrocarbon	Oil and Grease	n/a	=	90	%	EPA 1664B	-88	-88	78	114	
2020/21-4	Lab	LCS, rec	4/28/2021	Hydrocarbon	Oil and Grease	n/a	=	84	%	EPA 1664B	-88	-88	78	114	
2020/21-4	Lab	LCS, RPD	4/28/2021	Hydrocarbon	Oil and Grease	n/a	=	2	%	EPA 1664B	-88	-88	0	18	
2020/21-4	Lab	method blank	4/28/2021	Hydrocarbon	Oil and Grease	n/a	<	0.7	mg/L	EPA 1664B	0.7	5			
2020/21-4	Lab	LCS	4/30/2021	Hydrocarbon	Oil and Grease	n/a	=	17.2	mg/L	EPA 1664B	0.7	5			
2020/21-4	Lab	LCS	4/30/2021	Hydrocarbon	Oil and Grease	n/a	DNQ	4.4	mg/L	EPA 1664B	0.7	5			
2020/21-4	Lab	LCS dup	4/30/2021	Hydrocarbon	Oil and Grease	n/a	=	16.4	mg/L	EPA 1664B	0.7	5			
2020/21-4	Lab	LCS dup, rec	4/30/2021	Hydrocarbon	Oil and Grease	n/a	=	82	%	EPA 1664B	-88	-88	78	114	
2020/21-4	Lab	LCS, rec	4/30/2021	Hydrocarbon	Oil and Grease	n/a	=	86	%	EPA 1664B	-88	-88	78	114	
2020/21-4	Lab	LCS, rec	4/30/2021	Hydrocarbon	Oil and Grease	n/a	=	88	%	EPA 1664B	-88	-88	78	114	
2020/21-4	Lab	LCS, RPD	4/30/2021	Hydrocarbon	Oil and Grease	n/a	=	5	%	EPA 1664B	-88	-88	0	18	
2020/21-4	Lab	method blank	4/30/2021	Hydrocarbon	Oil and Grease	n/a	<	0.7	mg/L	EPA 1664B	0.7	5			
2020/21-4	Lab	LCS	5/13/2021	Hydrocarbon	Oil and Grease	n/a	DNQ	4.8	mg/L	EPA 1664B	0.7	5			
2020/21-4	Lab	LCS	5/13/2021	Hydrocarbon	Oil and Grease	n/a	=	16.3	mg/L	EPA 1664B	0.7	5			
2020/21-4	Lab	LCS dup	5/13/2021	Hydrocarbon	Oil and Grease	n/a	=	16.8	mg/L	EPA 1664B	0.7	5			
2020/21-4	Lab	LCS dup, rec	5/13/2021	Hydrocarbon	Oil and Grease	n/a	=	84	%	EPA 1664B	-88	-88	78	114	
2020/21-4	Lab	LCS, rec	5/13/2021	Hydrocarbon	Oil and Grease	n/a	=	82	%	EPA 1664B	-88	-88	78	114	
2020/21-4	Lab	LCS, rec	5/13/2021	Hydrocarbon	Oil and Grease	n/a	=	96	%	EPA 1664B	-88	-88	78	114	
2020/21-4	Lab	LCS, RPD	5/13/2021	Hydrocarbon	Oil and Grease	n/a	=	3	%	EPA 1664B	-88	-88	0	18	
2020/21-4	Lab	method blank	5/13/2021	Hydrocarbon	Oil and Grease	n/a	<	0.7	mg/L	EPA 1664B	0.7	5			
2020/21-4	Lab	method blank	5/5/2021	Hydrocarbon	Oil Range Organics	n/a	<	0.33	mg/L	EPA 8015B	0.33	0.5			
2020/21-4	Lab	method blank	5/27/2021	Hydrocarbon	Oil Range Organics	n/a	<	0.33	mg/L	EPA 8015B	0.33	0.5			
2020/21-4	Lab	method blank	5/3/2021	Metal	Aluminum	Dissolved	<	4.4	µg/L	EPA 200.8	4.4	20			
2020/21-4	Lab	LCS	5/3/2021	Metal	Aluminum	Dissolved	=	49.1	µg/L	EPA 200.8	4.4	20			
2020/21-4	Lab	LCS, rec	5/3/2021	Metal	Aluminum	Dissolved	=	98	%	EPA 200.8	-88	-88	85	115	
2020/21-4	Lab	method blank	5/4/2021	Metal	Aluminum	Dissolved	<	4.4	µg/L	EPA 200.8	4.4	20			
2020/21-4	Lab	LCS	5/4/2021	Metal	Aluminum	Dissolved	=	51.2	µg/L	EPA 200.8	4.4	20			
2020/21-4	Lab	LCS, rec	5/4/2021	Metal	Aluminum	Dissolved	=	102	%	EPA 200.8	-88	-88	85	115	
2020/21-4	Lab	method blank	5/18/2021	Metal	Aluminum	Dissolved	<	4.4	µg/L	EPA 200.8	4.4	20			
2020/21-4	Lab	LCS	5/18/2021	Metal	Aluminum	Dissolved	=	50.9	µg/L	EPA 200.8	4.4	20			
2020/21-4	Lab	LCS, rec	5/18/2021	Metal	Aluminum	Dissolved	=	102	%	EPA 200.8	-88	-88	85	115	
2020/21-4	Lab	method blank	5/20/2021	Metal	Aluminum	Dissolved	<	4.4	µg/L	EPA 200.8	4.4	20			
2020/21-4	Lab	method blank	5/20/2021	Metal	Aluminum	Dissolved	<	4.4	µg/L	EPA 200.8	4.4	20			
2020/21-4	Lab	LCS	5/20/2021	Metal	Aluminum	Dissolved	=	50.9	µg/L	EPA 200.8	4.4	20			
2020/21-4	Lab	LCS, rec	5/20/2021	Metal	Aluminum	Dissolved	=	102	%	EPA 200.8	-88	-88	85	115	
2020/21-4	Lab	method blank	5/3/2021	Metal	Aluminum	Total	<	4.4	µg/L	EPA 200.8	4.4	20			
2020/21-4	Lab	LCS	5/3/2021	Metal	Aluminum	Total	=	49.1	µg/L	EPA 200.8	4.4	20			
2020/21-4	Lab	LCS, rec	5/3/2021	Metal	Aluminum	Total	=	98	%	EPA 200.8	-88	-88	85	115	
2020/21-4	Lab	method blank	5/4/2021	Metal	Aluminum	Total	<	4.4	µg/L	EPA 200.8	4.4	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	
2020/21-4	Lab	LCS	5/4/2021	Metal	Aluminum	Total	=	51.2	µg/L	EPA 200.8	4.4	20			
2020/21-4	Lab	LCS, rec	5/4/2021	Metal	Aluminum	Total	=	102	%	EPA 200.8	-88	-88	85	115	
2020/21-4	Lab	method blank	5/18/2021	Metal	Aluminum	Total	<	4.4	µg/L	EPA 200.8	4.4	20			
2020/21-4	Lab	LCS	5/18/2021	Metal	Aluminum	Total	=	50.9	µg/L	EPA 200.8	4.4	20			
2020/21-4	Lab	LCS, rec	5/18/2021	Metal	Aluminum	Total	=	102	%	EPA 200.8	-88	-88	85	115	
2020/21-4	Lab	method blank	5/20/2021	Metal	Aluminum	Total	<	4.4	µg/L	EPA 200.8	4.4	20			
2020/21-4	Lab	method blank	5/20/2021	Metal	Aluminum	Total	<	4.4	µg/L	EPA 200.8	4.4	20			
2020/21-4	Lab	LCS	5/20/2021	Metal	Aluminum	Total	=	50.9	µg/L	EPA 200.8	4.4	20			
2020/21-4	Lab	LCS, rec	5/20/2021	Metal	Aluminum	Total	=	102	%	EPA 200.8	-88	-88	85	115	
2020/21-4	MO-FIL	matrix spike	5/3/2021	Metal	Aluminum	Total	=	57.6	µg/L	EPA 200.8	4.4	20			
2020/21-4	MO-FIL	matrix spike, rec	5/3/2021	Metal	Aluminum	Total	=	95	%	EPA 200.8	-88	-88	70	130	
2020/21-4	MO-FIL	matrix spike dup	5/3/2021	Metal	Aluminum	Total	=	57.5	µg/L	EPA 200.8	4.4	20			
2020/21-4	MO-FIL	matrix spike dup, rec	5/3/2021	Metal	Aluminum	Total	=	94	%	EPA 200.8	-88	-88	70	130	
2020/21-4	MO-FIL	matrix spike, RPD	5/3/2021	Metal	Aluminum	Total	=	0.1	%	EPA 200.8	-88	-88	0	30	
2020/21-4	MO-HUE	matrix spike	5/20/2021	Metal	Aluminum	Total	=	60.8	µg/L	EPA 200.8	4.4	20			
2020/21-4	MO-HUE	matrix spike, rec	5/20/2021	Metal	Aluminum	Total	=	99	%	EPA 200.8	-88	-88	70	130	
2020/21-4	MO-HUE	matrix spike dup	5/20/2021	Metal	Aluminum	Total	=	60.4	µg/L	EPA 200.8	4.4	20			
2020/21-4	MO-HUE	matrix spike dup, rec	5/20/2021	Metal	Aluminum	Total	=	98	%	EPA 200.8	-88	-88	70	130	
2020/21-4	MO-HUE	matrix spike, RPD	5/20/2021	Metal	Aluminum	Total	=	0.6	%	EPA 200.8	-88	-88	0	30	
2020/21-4	MO-OJA	matrix spike	5/18/2021	Metal	Aluminum	Total	=	53.7	µg/L	EPA 200.8	4.4	20			
2020/21-4	MO-OJA	matrix spike, rec	5/18/2021	Metal	Aluminum	Total	=	94	%	EPA 200.8	-88	-88	70	130	
2020/21-4	MO-OJA	matrix spike dup	5/18/2021	Metal	Aluminum	Total	=	54.6	µg/L	EPA 200.8	4.4	20			
2020/21-4	MO-OJA	matrix spike dup, rec	5/18/2021	Metal	Aluminum	Total	=	96	%	EPA 200.8	-88	-88	70	130	
2020/21-4	MO-OJA	matrix spike, RPD	5/18/2021	Metal	Aluminum	Total	=	2	%	EPA 200.8	-88	-88	0	30	
2020/21-4	MO-THO	matrix spike	5/4/2021	Metal	Aluminum	Total	=	145	µg/L	EPA 200.8	4.4	20			
2020/21-4	MO-THO	matrix spike, rec	5/4/2021	Metal	Aluminum	Total	=	113	%	EPA 200.8	-88	-88	70	130	
2020/21-4	MO-THO	matrix spike dup	5/4/2021	Metal	Aluminum	Total	=	139	µg/L	EPA 200.8	4.4	20			
2020/21-4	MO-THO	matrix spike dup, rec	5/4/2021	Metal	Aluminum	Total	=	102	%	EPA 200.8	-88	-88	70	130	
2020/21-4	MO-THO	matrix spike, RPD	5/4/2021	Metal	Aluminum	Total	=	4	%	EPA 200.8	-88	-88	0	30	
2020/21-4	Lab	method blank	5/3/2021	Metal	Antimony	Dissolved	<	0.089	µg/L	EPA 200.8	0.089	0.5			
2020/21-4	Lab	LCS	5/3/2021	Metal	Antimony	Dissolved	=	51.5	µg/L	EPA 200.8	0.089	0.5			
2020/21-4	Lab	LCS, rec	5/3/2021	Metal	Antimony	Dissolved	=	103	%	EPA 200.8	-88	-88	85	115	
2020/21-4	Lab	method blank	5/4/2021	Metal	Antimony	Dissolved	<	0.089	µg/L	EPA 200.8	0.089	0.5			
2020/21-4	Lab	LCS	5/4/2021	Metal	Antimony	Dissolved	=	50.7	µg/L	EPA 200.8	0.089	0.5			
2020/21-4	Lab	LCS, rec	5/4/2021	Metal	Antimony	Dissolved	=	101	%	EPA 200.8	-88	-88	85	115	
2020/21-4	Lab	method blank	5/18/2021	Metal	Antimony	Dissolved	<	0.089	µg/L	EPA 200.8	0.089	0.5			
2020/21-4	Lab	LCS	5/18/2021	Metal	Antimony	Dissolved	=	50.2	µg/L	EPA 200.8	0.089	0.5			
2020/21-4	Lab	LCS, rec	5/18/2021	Metal	Antimony	Dissolved	=	100	%	EPA 200.8	-88	-88	85	115	
2020/21-4	Lab	method blank	5/20/2021	Metal	Antimony	Dissolved	<	0.089	µg/L	EPA 200.8	0.089	0.5			
2020/21-4	Lab	method blank	5/20/2021	Metal	Antimony	Dissolved	<	0.089	µg/L	EPA 200.8	0.089	0.5			
2020/21-4	Lab	LCS	5/20/2021	Metal	Antimony	Dissolved	=	50.7	µg/L	EPA 200.8	0.089	0.5			
2020/21-4	Lab	LCS, rec	5/20/2021	Metal	Antimony	Dissolved	=	101	%	EPA 200.8	-88	-88	85	115	
2020/21-4	Lab	method blank	5/3/2021	Metal	Antimony	Total	<	0.089	µg/L	EPA 200.8	0.089	0.5			
2020/21-4	Lab	LCS	5/3/2021	Metal	Antimony	Total	=	51.5	µg/L	EPA 200.8	0.089	0.5			
2020/21-4	Lab	LCS, rec	5/3/2021	Metal	Antimony	Total	=	103	%	EPA 200.8	-88	-88	85	115	
2020/21-4	Lab	method blank	5/4/2021	Metal	Antimony	Total	<	0.089	µg/L	EPA 200.8	0.089	0.5			
2020/21-4	Lab	LCS	5/4/2021	Metal	Antimony	Total	=	50.7	µg/L	EPA 200.8	0.089	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	
2020/21-4	Lab	LCS, rec	5/4/2021	Metal	Antimony	Total	=	101	%	EPA 200.8	-88	-88	85	115	
2020/21-4	Lab	method blank	5/18/2021	Metal	Antimony	Total	<	0.089	µg/L	EPA 200.8	0.089	0.5			
2020/21-4	Lab	LCS	5/18/2021	Metal	Antimony	Total	=	50.2	µg/L	EPA 200.8	0.089	0.5			
2020/21-4	Lab	LCS, rec	5/18/2021	Metal	Antimony	Total	=	100	%	EPA 200.8	-88	-88	85	115	
2020/21-4	Lab	method blank	5/20/2021	Metal	Antimony	Total	<	0.089	µg/L	EPA 200.8	0.089	0.5			
2020/21-4	Lab	method blank	5/20/2021	Metal	Antimony	Total	<	0.089	µg/L	EPA 200.8	0.089	0.5			
2020/21-4	Lab	LCS	5/20/2021	Metal	Antimony	Total	=	50.7	µg/L	EPA 200.8	0.089	0.5			
2020/21-4	Lab	LCS, rec	5/20/2021	Metal	Antimony	Total	=	101	%	EPA 200.8	-88	-88	85	115	
2020/21-4	MO-FIL	matrix spike	5/3/2021	Metal	Antimony	Total	=	51.9	µg/L	EPA 200.8	0.089	0.5			
2020/21-4	MO-FIL	matrix spike, rec	5/3/2021	Metal	Antimony	Total	=	103	%	EPA 200.8	-88	-88	70	130	
2020/21-4	MO-FIL	matrix spike dup	5/3/2021	Metal	Antimony	Total	=	52.6	µg/L	EPA 200.8	0.089	0.5			
2020/21-4	MO-FIL	matrix spike dup, rec	5/3/2021	Metal	Antimony	Total	=	104	%	EPA 200.8	-88	-88	70	130	
2020/21-4	MO-FIL	matrix spike, RPD	5/3/2021	Metal	Antimony	Total	=	1	%	EPA 200.8	-88	-88	0	30	
2020/21-4	MO-HUE	matrix spike	5/20/2021	Metal	Antimony	Total	=	50.6	µg/L	EPA 200.8	0.089	0.5			
2020/21-4	MO-HUE	matrix spike, rec	5/20/2021	Metal	Antimony	Total	=	101	%	EPA 200.8	-88	-88	70	130	
2020/21-4	MO-HUE	matrix spike dup	5/20/2021	Metal	Antimony	Total	=	50.4	µg/L	EPA 200.8	0.089	0.5			
2020/21-4	MO-HUE	matrix spike dup, rec	5/20/2021	Metal	Antimony	Total	=	100	%	EPA 200.8	-88	-88	70	130	
2020/21-4	MO-HUE	matrix spike, RPD	5/20/2021	Metal	Antimony	Total	=	0.3	%	EPA 200.8	-88	-88	0	30	
2020/21-4	MO-OJA	matrix spike	5/18/2021	Metal	Antimony	Total	=	50.6	µg/L	EPA 200.8	0.089	0.5			
2020/21-4	MO-OJA	matrix spike, rec	5/18/2021	Metal	Antimony	Total	=	101	%	EPA 200.8	-88	-88	70	130	
2020/21-4	MO-OJA	matrix spike dup	5/18/2021	Metal	Antimony	Total	=	51.3	µg/L	EPA 200.8	0.089	0.5			
2020/21-4	MO-OJA	matrix spike dup, rec	5/18/2021	Metal	Antimony	Total	=	102	%	EPA 200.8	-88	-88	70	130	
2020/21-4	MO-OJA	matrix spike, RPD	5/18/2021	Metal	Antimony	Total	=	1	%	EPA 200.8	-88	-88	0	30	
2020/21-4	MO-THO	matrix spike	5/4/2021	Metal	Antimony	Total	=	51.9	µg/L	EPA 200.8	0.089	0.5			
2020/21-4	MO-THO	matrix spike, rec	5/4/2021	Metal	Antimony	Total	=	103	%	EPA 200.8	-88	-88	70	130	
2020/21-4	MO-THO	matrix spike dup	5/4/2021	Metal	Antimony	Total	=	52.5	µg/L	EPA 200.8	0.089	0.5			
2020/21-4	MO-THO	matrix spike dup, rec	5/4/2021	Metal	Antimony	Total	=	105	%	EPA 200.8	-88	-88	70	130	
2020/21-4	MO-THO	matrix spike, RPD	5/4/2021	Metal	Antimony	Total	=	1	%	EPA 200.8	-88	-88	0	30	
2020/21-4	Lab	method blank	5/3/2021	Metal	Arsenic	Dissolved	<	0.074	µg/L	EPA 200.8	0.074	0.4			
2020/21-4	Lab	LCS	5/3/2021	Metal	Arsenic	Dissolved	=	50.2	µg/L	EPA 200.8	0.074	0.4			
2020/21-4	Lab	LCS, rec	5/3/2021	Metal	Arsenic	Dissolved	=	100	%	EPA 200.8	-88	-88	85	115	
2020/21-4	Lab	method blank	5/4/2021	Metal	Arsenic	Dissolved	<	0.074	µg/L	EPA 200.8	0.074	0.4			
2020/21-4	Lab	LCS	5/4/2021	Metal	Arsenic	Dissolved	=	51.7	µg/L	EPA 200.8	0.074	0.4			
2020/21-4	Lab	LCS, rec	5/4/2021	Metal	Arsenic	Dissolved	=	103	%	EPA 200.8	-88	-88	85	115	
2020/21-4	Lab	method blank	5/18/2021	Metal	Arsenic	Dissolved	<	0.074	µg/L	EPA 200.8	0.074	0.4			
2020/21-4	Lab	LCS	5/18/2021	Metal	Arsenic	Dissolved	=	52.4	µg/L	EPA 200.8	0.074	0.4			
2020/21-4	Lab	LCS, rec	5/18/2021	Metal	Arsenic	Dissolved	=	105	%	EPA 200.8	-88	-88	85	115	
2020/21-4	Lab	method blank	5/20/2021	Metal	Arsenic	Dissolved	<	0.074	µg/L	EPA 200.8	0.074	0.4			
2020/21-4	Lab	method blank	5/20/2021	Metal	Arsenic	Dissolved	<	0.074	µg/L	EPA 200.8	0.074	0.4			
2020/21-4	Lab	LCS	5/20/2021	Metal	Arsenic	Dissolved	=	51.2	µg/L	EPA 200.8	0.074	0.4			
2020/21-4	Lab	LCS, rec	5/20/2021	Metal	Arsenic	Dissolved	=	103	%	EPA 200.8	-88	-88	85	115	
2020/21-4	Lab	method blank	5/3/2021	Metal	Arsenic	Total	<	0.074	µg/L	EPA 200.8	0.074	0.4			
2020/21-4	Lab	LCS	5/3/2021	Metal	Arsenic	Total	=	50.2	µg/L	EPA 200.8	0.074	0.4			
2020/21-4	Lab	LCS, rec	5/3/2021	Metal	Arsenic	Total	=	100	%	EPA 200.8	-88	-88	85	115	
2020/21-4	Lab	method blank	5/4/2021	Metal	Arsenic	Total	<	0.074	µg/L	EPA 200.8	0.074	0.4			
2020/21-4	Lab	LCS	5/4/2021	Metal	Arsenic	Total	=	51.7	µg/L	EPA 200.8	0.074	0.4			
2020/21-4	Lab	LCS, rec	5/4/2021	Metal	Arsenic	Total	=	103	%	EPA 200.8	-88	-88	85	115	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2020/21-4	Lab	method blank	5/18/2021	Metal	Arsenic	Total	<	0.074	µg/L	EPA 200.8	0.074	0.4			
2020/21-4	Lab	LCS	5/18/2021	Metal	Arsenic	Total	=	52.4	µg/L	EPA 200.8	0.074	0.4			
2020/21-4	Lab	LCS, rec	5/18/2021	Metal	Arsenic	Total	=	105	%	EPA 200.8	-88	-88	85	115	
2020/21-4	Lab	method blank	5/20/2021	Metal	Arsenic	Total	<	0.074	µg/L	EPA 200.8	0.074	0.4			
2020/21-4	Lab	method blank	5/20/2021	Metal	Arsenic	Total	<	0.074	µg/L	EPA 200.8	0.074	0.4			
2020/21-4	Lab	LCS	5/20/2021	Metal	Arsenic	Total	=	51.2	µg/L	EPA 200.8	0.074	0.4			
2020/21-4	Lab	LCS, rec	5/20/2021	Metal	Arsenic	Total	=	103	%	EPA 200.8	-88	-88	85	115	
2020/21-4	MO-FIL	matrix spike	5/3/2021	Metal	Arsenic	Total	=	49.7	µg/L	EPA 200.8	0.074	0.4			
2020/21-4	MO-FIL	matrix spike, rec	5/3/2021	Metal	Arsenic	Total	=	99	%	EPA 200.8	-88	-88	70	130	
2020/21-4	MO-FIL	matrix spike dup	5/3/2021	Metal	Arsenic	Total	=	50.6	µg/L	EPA 200.8	0.074	0.4			
2020/21-4	MO-FIL	matrix spike dup, rec	5/3/2021	Metal	Arsenic	Total	=	100	%	EPA 200.8	-88	-88	70	130	
2020/21-4	MO-FIL	matrix spike, RPD	5/3/2021	Metal	Arsenic	Total	=	2	%	EPA 200.8	-88	-88	0	30	
2020/21-4	MO-HUE	matrix spike	5/20/2021	Metal	Arsenic	Total	=	53.8	µg/L	EPA 200.8	0.074	0.4			
2020/21-4	MO-HUE	matrix spike, rec	5/20/2021	Metal	Arsenic	Total	=	102	%	EPA 200.8	-88	-88	70	130	
2020/21-4	MO-HUE	matrix spike dup	5/20/2021	Metal	Arsenic	Total	=	52.9	µg/L	EPA 200.8	0.074	0.4			
2020/21-4	MO-HUE	matrix spike dup, rec	5/20/2021	Metal	Arsenic	Total	=	100	%	EPA 200.8	-88	-88	70	130	
2020/21-4	MO-HUE	matrix spike, RPD	5/20/2021	Metal	Arsenic	Total	=	2	%	EPA 200.8	-88	-88	0	30	
2020/21-4	MO-OJA	matrix spike	5/18/2021	Metal	Arsenic	Total	=	52.4	µg/L	EPA 200.8	0.074	0.4			
2020/21-4	MO-OJA	matrix spike, rec	5/18/2021	Metal	Arsenic	Total	=	104	%	EPA 200.8	-88	-88	70	130	
2020/21-4	MO-OJA	matrix spike dup	5/18/2021	Metal	Arsenic	Total	=	52.4	µg/L	EPA 200.8	0.074	0.4			
2020/21-4	MO-OJA	matrix spike dup, rec	5/18/2021	Metal	Arsenic	Total	=	104	%	EPA 200.8	-88	-88	70	130	
2020/21-4	MO-OJA	matrix spike, RPD	5/18/2021	Metal	Arsenic	Total	=	0.1	%	EPA 200.8	-88	-88	0	30	
2020/21-4	MO-THO	matrix spike	5/4/2021	Metal	Arsenic	Total	=	54.4	µg/L	EPA 200.8	0.074	0.4			
2020/21-4	MO-THO	matrix spike, rec	5/4/2021	Metal	Arsenic	Total	=	104	%	EPA 200.8	-88	-88	70	130	
2020/21-4	MO-THO	matrix spike dup	5/4/2021	Metal	Arsenic	Total	=	54.3	µg/L	EPA 200.8	0.074	0.4			
2020/21-4	MO-THO	matrix spike dup, rec	5/4/2021	Metal	Arsenic	Total	=	104	%	EPA 200.8	-88	-88	70	130	
2020/21-4	MO-THO	matrix spike, RPD	5/4/2021	Metal	Arsenic	Total	=	0.2	%	EPA 200.8	-88	-88	0	30	
2020/21-4	Lab	method blank	5/3/2021	Metal	Barium	Total	<	0.14	µg/L	EPA 200.8	0.14	1			
2020/21-4	Lab	LCS	5/3/2021	Metal	Barium	Total	=	50.6	µg/L	EPA 200.8	0.14	1			
2020/21-4	Lab	LCS, rec	5/3/2021	Metal	Barium	Total	=	101	%	EPA 200.8	-88	-88	85	115	
2020/21-4	Lab	method blank	5/4/2021	Metal	Barium	Total	<	0.14	µg/L	EPA 200.8	0.14	1			
2020/21-4	Lab	LCS	5/4/2021	Metal	Barium	Total	=	49.9	µg/L	EPA 200.8	0.14	1			
2020/21-4	Lab	LCS, rec	5/4/2021	Metal	Barium	Total	=	100	%	EPA 200.8	-88	-88	85	115	
2020/21-4	Lab	method blank	5/18/2021	Metal	Barium	Total	<	0.14	µg/L	EPA 200.8	0.14	1			
2020/21-4	Lab	LCS	5/18/2021	Metal	Barium	Total	=	50.2	µg/L	EPA 200.8	0.14	1			
2020/21-4	Lab	LCS, rec	5/18/2021	Metal	Barium	Total	=	101	%	EPA 200.8	-88	-88	85	115	
2020/21-4	Lab	method blank	5/20/2021	Metal	Barium	Total	<	0.14	µg/L	EPA 200.8	0.14	1			
2020/21-4	Lab	method blank	5/20/2021	Metal	Barium	Total	<	0.14	µg/L	EPA 200.8	0.14	1			
2020/21-4	Lab	LCS	5/20/2021	Metal	Barium	Total	=	49.5	µg/L	EPA 200.8	0.14	1			
2020/21-4	Lab	LCS, rec	5/20/2021	Metal	Barium	Total	=	99	%	EPA 200.8	-88	-88	85	115	
2020/21-4	MO-FIL	matrix spike	5/3/2021	Metal	Barium	Total	=	85.9	µg/L	EPA 200.8	0.14	1			
2020/21-4	MO-FIL	matrix spike, rec	5/3/2021	Metal	Barium	Total	=	102	%	EPA 200.8	-88	-88	70	130	
2020/21-4	MO-FIL	matrix spike dup	5/3/2021	Metal	Barium	Total	=	86.6	µg/L	EPA 200.8	0.14	1			
2020/21-4	MO-FIL	matrix spike dup, rec	5/3/2021	Metal	Barium	Total	=	104	%	EPA 200.8	-88	-88	70	130	
2020/21-4	MO-FIL	matrix spike, RPD	5/3/2021	Metal	Barium	Total	=	0.8	%	EPA 200.8	-88	-88	0	30	
2020/21-4	MO-HUE	matrix spike	5/20/2021	Metal	Barium	Total	=	137	µg/L	EPA 200.8	0.14	1			
2020/21-4	MO-HUE	matrix spike, rec	5/20/2021	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	
2020/21-4	MO-HUE	matrix spike dup	5/20/2021	Metal	Barium	Total	=	137	µg/L	EPA 200.8	0.14	1			
2020/21-4	MO-HUE	matrix spike dup, rec	5/20/2021	Metal	Barium	Total	=	98	%	EPA 200.8	-88	-88	70	130	
2020/21-4	MO-HUE	matrix spike, RPD	5/20/2021	Metal	Barium	Total	=	0.4	%	EPA 200.8	-88	-88	0	30	
2020/21-4	MO-OJA	matrix spike	5/18/2021	Metal	Barium	Total	=	97.9	µg/L	EPA 200.8	0.14	1			
2020/21-4	MO-OJA	matrix spike, rec	5/18/2021	Metal	Barium	Total	=	102	%	EPA 200.8	-88	-88	70	130	
2020/21-4	MO-OJA	matrix spike dup	5/18/2021	Metal	Barium	Total	=	97.5	µg/L	EPA 200.8	0.14	1			
2020/21-4	MO-OJA	matrix spike dup, rec	5/18/2021	Metal	Barium	Total	=	101	%	EPA 200.8	-88	-88	70	130	
2020/21-4	MO-OJA	matrix spike, RPD	5/18/2021	Metal	Barium	Total	=	0.5	%	EPA 200.8	-88	-88	0	30	
2020/21-4	MO-THO	matrix spike	5/4/2021	Metal	Barium	Total	=	68.4	µg/L	EPA 200.8	0.14	1			
2020/21-4	MO-THO	matrix spike, rec	5/4/2021	Metal	Barium	Total	=	102	%	EPA 200.8	-88	-88	70	130	
2020/21-4	MO-THO	matrix spike dup	5/4/2021	Metal	Barium	Total	=	69.2	µg/L	EPA 200.8	0.14	1			
2020/21-4	MO-THO	matrix spike dup, rec	5/4/2021	Metal	Barium	Total	=	103	%	EPA 200.8	-88	-88	70	130	
2020/21-4	MO-THO	matrix spike, RPD	5/4/2021	Metal	Barium	Total	=	1	%	EPA 200.8	-88	-88	0	30	
2020/21-4	Lab	method blank	5/3/2021	Metal	Beryllium	Dissolved	<	0.062	µg/L	EPA 200.8	0.062	0.1			
2020/21-4	Lab	LCS	5/3/2021	Metal	Beryllium	Dissolved	=	47.5	µg/L	EPA 200.8	0.062	0.1			
2020/21-4	Lab	LCS, rec	5/3/2021	Metal	Beryllium	Dissolved	=	95	%	EPA 200.8	-88	-88	85	115	
2020/21-4	Lab	method blank	5/4/2021	Metal	Beryllium	Dissolved	<	0.062	µg/L	EPA 200.8	0.062	0.1			
2020/21-4	Lab	LCS	5/4/2021	Metal	Beryllium	Dissolved	=	49.1	µg/L	EPA 200.8	0.062	0.1			
2020/21-4	Lab	LCS, rec	5/4/2021	Metal	Beryllium	Dissolved	=	98	%	EPA 200.8	-88	-88	85	115	
2020/21-4	Lab	method blank	5/18/2021	Metal	Beryllium	Dissolved	<	0.062	µg/L	EPA 200.8	0.062	0.1			
2020/21-4	Lab	LCS	5/18/2021	Metal	Beryllium	Dissolved	=	48.8	µg/L	EPA 200.8	0.062	0.1			
2020/21-4	Lab	LCS, rec	5/18/2021	Metal	Beryllium	Dissolved	=	98	%	EPA 200.8	-88	-88	85	115	
2020/21-4	Lab	method blank	5/20/2021	Metal	Beryllium	Dissolved	<	0.062	µg/L	EPA 200.8	0.062	0.1			
2020/21-4	Lab	method blank	5/20/2021	Metal	Beryllium	Dissolved	<	0.062	µg/L	EPA 200.8	0.062	0.1			
2020/21-4	Lab	LCS	5/20/2021	Metal	Beryllium	Dissolved	=	47.5	µg/L	EPA 200.8	0.062	0.1			
2020/21-4	Lab	LCS, rec	5/20/2021	Metal	Beryllium	Dissolved	=	95	%	EPA 200.8	-88	-88	85	115	
2020/21-4	Lab	method blank	5/3/2021	Metal	Beryllium	Total	<	0.062	µg/L	EPA 200.8	0.062	0.1			
2020/21-4	Lab	LCS	5/3/2021	Metal	Beryllium	Total	=	47.5	µg/L	EPA 200.8	0.062	0.1			
2020/21-4	Lab	LCS, rec	5/3/2021	Metal	Beryllium	Total	=	95	%	EPA 200.8	-88	-88	85	115	
2020/21-4	Lab	method blank	5/4/2021	Metal	Beryllium	Total	<	0.062	µg/L	EPA 200.8	0.062	0.1			
2020/21-4	Lab	LCS	5/4/2021	Metal	Beryllium	Total	=	49.1	µg/L	EPA 200.8	0.062	0.1			
2020/21-4	Lab	LCS, rec	5/4/2021	Metal	Beryllium	Total	=	98	%	EPA 200.8	-88	-88	85	115	
2020/21-4	Lab	method blank	5/18/2021	Metal	Beryllium	Total	<	0.062	µg/L	EPA 200.8	0.062	0.1			
2020/21-4	Lab	LCS	5/18/2021	Metal	Beryllium	Total	=	48.8	µg/L	EPA 200.8	0.062	0.1			
2020/21-4	Lab	LCS, rec	5/18/2021	Metal	Beryllium	Total	=	98	%	EPA 200.8	-88	-88	85	115	
2020/21-4	Lab	method blank	5/20/2021	Metal	Beryllium	Total	<	0.062	µg/L	EPA 200.8	0.062	0.1			
2020/21-4	Lab	method blank	5/20/2021	Metal	Beryllium	Total	<	0.062	µg/L	EPA 200.8	0.062	0.1			
2020/21-4	Lab	LCS	5/20/2021	Metal	Beryllium	Total	=	47.5	µg/L	EPA 200.8	0.062	0.1			
2020/21-4	Lab	LCS, rec	5/20/2021	Metal	Beryllium	Total	=	95	%	EPA 200.8	-88	-88	85	115	
2020/21-4	MO-FIL	matrix spike	5/3/2021	Metal	Beryllium	Total	=	48.8	µg/L	EPA 200.8	0.062	0.1			
2020/21-4	MO-FIL	matrix spike, rec	5/3/2021	Metal	Beryllium	Total	=	98	%	EPA 200.8	-88	-88	70	130	
2020/21-4	MO-FIL	matrix spike dup	5/3/2021	Metal	Beryllium	Total	=	49.4	µg/L	EPA 200.8	0.062	0.1			
2020/21-4	MO-FIL	matrix spike dup, rec	5/3/2021	Metal	Beryllium	Total	=	99	%	EPA 200.8	-88	-88	70	130	
2020/21-4	MO-FIL	matrix spike, RPD	5/3/2021	Metal	Beryllium	Total	=	1	%	EPA 200.8	-88	-88	0	30	
2020/21-4	MO-HUE	matrix spike	5/20/2021	Metal	Beryllium	Total	=	59.4	µg/L	EPA 200.8	0.062	0.1			
2020/21-4	MO-HUE	matrix spike, rec	5/20/2021	Metal	Beryllium	Total	=	119	%	EPA 200.8	-88	-88	70	130	
2020/21-4	MO-HUE	matrix spike dup	5/20/2021	Metal	Beryllium	Total	=	58.1	µg/L	EPA 200.8	0.062	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	
2020/21-4	MO-HUE	matrix spike dup, rec	5/20/2021	Metal	Beryllium	Total	=	116	%	EPA 200.8	-88	-88	70	130	
2020/21-4	MO-HUE	matrix spike, RPD	5/20/2021	Metal	Beryllium	Total	=	2	%	EPA 200.8	-88	-88	0	30	
2020/21-4	MO-OJA	matrix spike	5/18/2021	Metal	Beryllium	Total	=	53.6	µg/L	EPA 200.8	0.062	0.1			
2020/21-4	MO-OJA	matrix spike, rec	5/18/2021	Metal	Beryllium	Total	=	107	%	EPA 200.8	-88	-88	70	130	
2020/21-4	MO-OJA	matrix spike dup	5/18/2021	Metal	Beryllium	Total	=	53.8	µg/L	EPA 200.8	0.062	0.1			
2020/21-4	MO-OJA	matrix spike dup, rec	5/18/2021	Metal	Beryllium	Total	=	108	%	EPA 200.8	-88	-88	70	130	
2020/21-4	MO-OJA	matrix spike, RPD	5/18/2021	Metal	Beryllium	Total	=	0.4	%	EPA 200.8	-88	-88	0	30	
2020/21-4	MO-THO	matrix spike	5/4/2021	Metal	Beryllium	Total	=	52.8	µg/L	EPA 200.8	0.062	0.1			
2020/21-4	MO-THO	matrix spike, rec	5/4/2021	Metal	Beryllium	Total	=	106	%	EPA 200.8	-88	-88	70	130	
2020/21-4	MO-THO	matrix spike dup	5/4/2021	Metal	Beryllium	Total	=	53.8	µg/L	EPA 200.8	0.062	0.1			
2020/21-4	MO-THO	matrix spike dup, rec	5/4/2021	Metal	Beryllium	Total	=	108	%	EPA 200.8	-88	-88	70	130	
2020/21-4	MO-THO	matrix spike, RPD	5/4/2021	Metal	Beryllium	Total	=	2	%	EPA 200.8	-88	-88	0	30	
2020/21-4	Lab	method blank	5/3/2021	Metal	Cadmium	Dissolved	<	0.042	µg/L	EPA 200.8	0.042	0.2			
2020/21-4	Lab	LCS	5/3/2021	Metal	Cadmium	Dissolved	=	50.8	µg/L	EPA 200.8	0.042	0.2			
2020/21-4	Lab	LCS, rec	5/3/2021	Metal	Cadmium	Dissolved	=	102	%	EPA 200.8	-88	-88	85	115	
2020/21-4	Lab	method blank	5/4/2021	Metal	Cadmium	Dissolved	<	0.042	µg/L	EPA 200.8	0.042	0.2			
2020/21-4	Lab	LCS	5/4/2021	Metal	Cadmium	Dissolved	=	51.2	µg/L	EPA 200.8	0.042	0.2			
2020/21-4	Lab	LCS, rec	5/4/2021	Metal	Cadmium	Dissolved	=	102	%	EPA 200.8	-88	-88	85	115	
2020/21-4	Lab	method blank	5/18/2021	Metal	Cadmium	Dissolved	<	0.042	µg/L	EPA 200.8	0.042	0.2			
2020/21-4	Lab	LCS	5/18/2021	Metal	Cadmium	Dissolved	=	51.1	µg/L	EPA 200.8	0.042	0.2			
2020/21-4	Lab	LCS, rec	5/18/2021	Metal	Cadmium	Dissolved	=	102	%	EPA 200.8	-88	-88	85	115	
2020/21-4	Lab	method blank	5/20/2021	Metal	Cadmium	Dissolved	<	0.042	µg/L	EPA 200.8	0.042	0.2			
2020/21-4	Lab	method blank	5/20/2021	Metal	Cadmium	Dissolved	<	0.042	µg/L	EPA 200.8	0.042	0.2			
2020/21-4	Lab	LCS	5/20/2021	Metal	Cadmium	Dissolved	=	50.6	µg/L	EPA 200.8	0.042	0.2			
2020/21-4	Lab	LCS, rec	5/20/2021	Metal	Cadmium	Dissolved	=	101	%	EPA 200.8	-88	-88	85	115	
2020/21-4	Lab	method blank	5/3/2021	Metal	Cadmium	Total	<	0.042	µg/L	EPA 200.8	0.042	0.2			
2020/21-4	Lab	LCS	5/3/2021	Metal	Cadmium	Total	=	50.8	µg/L	EPA 200.8	0.042	0.2			
2020/21-4	Lab	LCS, rec	5/3/2021	Metal	Cadmium	Total	=	102	%	EPA 200.8	-88	-88	85	115	
2020/21-4	Lab	method blank	5/4/2021	Metal	Cadmium	Total	<	0.042	µg/L	EPA 200.8	0.042	0.2			
2020/21-4	Lab	LCS	5/4/2021	Metal	Cadmium	Total	=	51.2	µg/L	EPA 200.8	0.042	0.2			
2020/21-4	Lab	LCS, rec	5/4/2021	Metal	Cadmium	Total	=	102	%	EPA 200.8	-88	-88	85	115	
2020/21-4	Lab	method blank	5/18/2021	Metal	Cadmium	Total	<	0.042	µg/L	EPA 200.8	0.042	0.2			
2020/21-4	Lab	LCS	5/18/2021	Metal	Cadmium	Total	=	51.1	µg/L	EPA 200.8	0.042	0.2			
2020/21-4	Lab	LCS, rec	5/18/2021	Metal	Cadmium	Total	=	102	%	EPA 200.8	-88	-88	85	115	
2020/21-4	Lab	method blank	5/20/2021	Metal	Cadmium	Total	<	0.042	µg/L	EPA 200.8	0.042	0.2			
2020/21-4	Lab	method blank	5/20/2021	Metal	Cadmium	Total	<	0.042	µg/L	EPA 200.8	0.042	0.2			
2020/21-4	Lab	LCS	5/20/2021	Metal	Cadmium	Total	=	50.6	µg/L	EPA 200.8	0.042	0.2			
2020/21-4	Lab	LCS, rec	5/20/2021	Metal	Cadmium	Total	=	101	%	EPA 200.8	-88	-88	85	115	
2020/21-4	MO-FIL	matrix spike	5/3/2021	Metal	Cadmium	Total	=	48.2	µg/L	EPA 200.8	0.042	0.2			
2020/21-4	MO-FIL	matrix spike, rec	5/3/2021	Metal	Cadmium	Total	=	96	%	EPA 200.8	-88	-88	70	130	
2020/21-4	MO-FIL	matrix spike dup	5/3/2021	Metal	Cadmium	Total	=	48.9	µg/L	EPA 200.8	0.042	0.2			
2020/21-4	MO-FIL	matrix spike dup, rec	5/3/2021	Metal	Cadmium	Total	=	98	%	EPA 200.8	-88	-88	70	130	
2020/21-4	MO-FIL	matrix spike, RPD	5/3/2021	Metal	Cadmium	Total	=	2	%	EPA 200.8	-88	-88	0	30	
2020/21-4	MO-HUE	matrix spike	5/20/2021	Metal	Cadmium	Total	=	46	µg/L	EPA 200.8	0.042	0.2			
2020/21-4	MO-HUE	matrix spike, rec	5/20/2021	Metal	Cadmium	Total	=	92	%	EPA 200.8	-88	-88	70	130	
2020/21-4	MO-HUE	matrix spike dup	5/20/2021	Metal	Cadmium	Total	=	45.9	µg/L	EPA 200.8	0.042	0.2			
2020/21-4	MO-HUE	matrix spike dup, rec	5/20/2021	Metal	Cadmium	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	
2020/21-4	MO-HUE	matrix spike, RPD	5/20/2021	Metal	Cadmium	Total	=	0.2	%	EPA 200.8	-88	-88	0	30	
2020/21-4	MO-OJA	matrix spike	5/18/2021	Metal	Cadmium	Total	=	49.6	µg/L	EPA 200.8	0.042	0.2			
2020/21-4	MO-OJA	matrix spike, rec	5/18/2021	Metal	Cadmium	Total	=	99	%	EPA 200.8	-88	-88	70	130	
2020/21-4	MO-OJA	matrix spike dup	5/18/2021	Metal	Cadmium	Total	=	50.2	µg/L	EPA 200.8	0.042	0.2			
2020/21-4	MO-OJA	matrix spike dup, rec	5/18/2021	Metal	Cadmium	Total	=	100	%	EPA 200.8	-88	-88	70	130	
2020/21-4	MO-OJA	matrix spike, RPD	5/18/2021	Metal	Cadmium	Total	=	1	%	EPA 200.8	-88	-88	0	30	
2020/21-4	MO-THO	matrix spike	5/4/2021	Metal	Cadmium	Total	=	49.5	µg/L	EPA 200.8	0.042	0.2			
2020/21-4	MO-THO	matrix spike, rec	5/4/2021	Metal	Cadmium	Total	=	99	%	EPA 200.8	-88	-88	70	130	
2020/21-4	MO-THO	matrix spike dup	5/4/2021	Metal	Cadmium	Total	=	50	µg/L	EPA 200.8	0.042	0.2			
2020/21-4	MO-THO	matrix spike dup, rec	5/4/2021	Metal	Cadmium	Total	=	100	%	EPA 200.8	-88	-88	70	130	
2020/21-4	MO-THO	matrix spike, RPD	5/4/2021	Metal	Cadmium	Total	=	0.9	%	EPA 200.8	-88	-88	0	30	
2020/21-4	Lab	method blank	5/3/2021	Metal	Chromium	Dissolved	DNQ	0.0993	µg/L	EPA 200.8	0.089	0.2			IP
2020/21-4	Lab	LCS	5/3/2021	Metal	Chromium	Dissolved	=	52.4	µg/L	EPA 200.8	0.089	0.2			
2020/21-4	Lab	LCS, rec	5/3/2021	Metal	Chromium	Dissolved	=	105	%	EPA 200.8	-88	-88	85	115	
2020/21-4	Lab	method blank	5/4/2021	Metal	Chromium	Dissolved	<	0.089	µg/L	EPA 200.8	0.089	0.2			
2020/21-4	Lab	LCS	5/4/2021	Metal	Chromium	Dissolved	=	51.4	µg/L	EPA 200.8	0.089	0.2			
2020/21-4	Lab	LCS, rec	5/4/2021	Metal	Chromium	Dissolved	=	103	%	EPA 200.8	-88	-88	85	115	
2020/21-4	Lab	method blank	5/18/2021	Metal	Chromium	Dissolved	<	0.089	µg/L	EPA 200.8	0.089	0.2			
2020/21-4	Lab	LCS	5/18/2021	Metal	Chromium	Dissolved	=	51	µg/L	EPA 200.8	0.089	0.2			
2020/21-4	Lab	LCS, rec	5/18/2021	Metal	Chromium	Dissolved	=	102	%	EPA 200.8	-88	-88	85	115	
2020/21-4	Lab	method blank	5/20/2021	Metal	Chromium	Dissolved	<	0.089	µg/L	EPA 200.8	0.089	0.2			
2020/21-4	Lab	method blank	5/20/2021	Metal	Chromium	Dissolved	<	0.089	µg/L	EPA 200.8	0.089	0.2			
2020/21-4	Lab	LCS	5/20/2021	Metal	Chromium	Dissolved	=	51	µg/L	EPA 200.8	0.089	0.2			
2020/21-4	Lab	LCS, rec	5/20/2021	Metal	Chromium	Dissolved	=	102	%	EPA 200.8	-88	-88	85	115	
2020/21-4	Lab	method blank	5/3/2021	Metal	Chromium	Total	<	0.089	µg/L	EPA 200.8	0.089	0.2			
2020/21-4	Lab	LCS	5/3/2021	Metal	Chromium	Total	=	52.4	µg/L	EPA 200.8	0.089	0.2			
2020/21-4	Lab	LCS, rec	5/3/2021	Metal	Chromium	Total	=	105	%	EPA 200.8	-88	-88	85	115	
2020/21-4	Lab	method blank	5/4/2021	Metal	Chromium	Total	<	0.089	µg/L	EPA 200.8	0.089	0.2			
2020/21-4	Lab	LCS	5/4/2021	Metal	Chromium	Total	=	51.4	µg/L	EPA 200.8	0.089	0.2			
2020/21-4	Lab	LCS, rec	5/4/2021	Metal	Chromium	Total	=	103	%	EPA 200.8	-88	-88	85	115	
2020/21-4	Lab	method blank	5/18/2021	Metal	Chromium	Total	<	0.089	µg/L	EPA 200.8	0.089	0.2			
2020/21-4	Lab	LCS	5/18/2021	Metal	Chromium	Total	=	51	µg/L	EPA 200.8	0.089	0.2			
2020/21-4	Lab	LCS, rec	5/18/2021	Metal	Chromium	Total	=	102	%	EPA 200.8	-88	-88	85	115	
2020/21-4	Lab	method blank	5/20/2021	Metal	Chromium	Total	<	0.089	µg/L	EPA 200.8	0.089	0.2			
2020/21-4	Lab	method blank	5/20/2021	Metal	Chromium	Total	<	0.089	µg/L	EPA 200.8	0.089	0.2			
2020/21-4	Lab	LCS	5/20/2021	Metal	Chromium	Total	=	51	µg/L	EPA 200.8	0.089	0.2			
2020/21-4	Lab	LCS, rec	5/20/2021	Metal	Chromium	Total	=	102	%	EPA 200.8	-88	-88	85	115	
2020/21-4	MO-FIL	matrix spike	5/3/2021	Metal	Chromium	Total	=	51.9	µg/L	EPA 200.8	0.089	0.2			
2020/21-4	MO-FIL	matrix spike, rec	5/3/2021	Metal	Chromium	Total	=	103	%	EPA 200.8	-88	-88	70	130	
2020/21-4	MO-FIL	matrix spike dup	5/3/2021	Metal	Chromium	Total	=	52.2	µg/L	EPA 200.8	0.089	0.2			
2020/21-4	MO-FIL	matrix spike dup, rec	5/3/2021	Metal	Chromium	Total	=	104	%	EPA 200.8	-88	-88	70	130	
2020/21-4	MO-FIL	matrix spike, RPD	5/3/2021	Metal	Chromium	Total	=	0.5	%	EPA 200.8	-88	-88	0	30	
2020/21-4	MO-HUE	matrix spike	5/20/2021	Metal	Chromium	Total	=	46.6	µg/L	EPA 200.8	0.089	0.2			
2020/21-4	MO-HUE	matrix spike, rec	5/20/2021	Metal	Chromium	Total	=	93	%	EPA 200.8	-88	-88	70	130	
2020/21-4	MO-HUE	matrix spike dup	5/20/2021	Metal	Chromium	Total	=	46.2	µg/L	EPA 200.8	0.089	0.2			
2020/21-4	MO-HUE	matrix spike dup, rec	5/20/2021	Metal	Chromium	Total	=	92	%	EPA 200.8	-88	-88	70	130	
2020/21-4	MO-HUE	matrix spike, RPD	5/20/2021	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	
2020/21-4	MO-OJA	matrix spike	5/18/2021	Metal	Chromium	Total	=	50.7	µg/L	EPA 200.8	0.089	0.2			
2020/21-4	MO-OJA	matrix spike, rec	5/18/2021	Metal	Chromium	Total	=	101	%	EPA 200.8	-88	-88	70	130	
2020/21-4	MO-OJA	matrix spike dup	5/18/2021	Metal	Chromium	Total	=	51.1	µg/L	EPA 200.8	0.089	0.2			
2020/21-4	MO-OJA	matrix spike dup, rec	5/18/2021	Metal	Chromium	Total	=	102	%	EPA 200.8	-88	-88	70	130	
2020/21-4	MO-OJA	matrix spike, RPD	5/18/2021	Metal	Chromium	Total	=	0.8	%	EPA 200.8	-88	-88	0	30	
2020/21-4	MO-THO	matrix spike	5/4/2021	Metal	Chromium	Total	=	51	µg/L	EPA 200.8	0.089	0.2			
2020/21-4	MO-THO	matrix spike, rec	5/4/2021	Metal	Chromium	Total	=	101	%	EPA 200.8	-88	-88	70	130	
2020/21-4	MO-THO	matrix spike dup	5/4/2021	Metal	Chromium	Total	=	51	µg/L	EPA 200.8	0.089	0.2			
2020/21-4	MO-THO	matrix spike dup, rec	5/4/2021	Metal	Chromium	Total	=	101	%	EPA 200.8	-88	-88	70	130	
2020/21-4	MO-THO	matrix spike, RPD	5/4/2021	Metal	Chromium	Total	=	0.006	%	EPA 200.8	-88	-88	0	30	
2020/21-4	000NONPJ	matrix spike	5/3/2021	Metal	Chromium VI	n/a	=	6.14	µg/L	EPA 218.6	0.0079	0.02			GB
2020/21-4	000NONPJ	matrix spike, rec	5/3/2021	Metal	Chromium VI	n/a	=	114	%	EPA 218.6	-88	-88	88	112	GB
2020/21-4	000NONPJ	matrix spike dup	5/3/2021	Metal	Chromium VI	n/a	=	6.17	µg/L	EPA 218.6	0.0079	0.02			GB
2020/21-4	000NONPJ	matrix spike dup, rec	5/3/2021	Metal	Chromium VI	n/a	=	114	%	EPA 218.6	-88	-88	88	112	GB
2020/21-4	000NONPJ	matrix spike, RPD	5/3/2021	Metal	Chromium VI	n/a	=	0.5	%	EPA 218.6	-88	-88	0	10	
2020/21-4	000NONPJ	matrix spike	5/3/2021	Metal	Chromium VI	n/a	=	5.51	µg/L	EPA 218.6	0.0079	0.02			
2020/21-4	000NONPJ	matrix spike, rec	5/3/2021	Metal	Chromium VI	n/a	=	110	%	EPA 218.6	-88	-88	88	112	
2020/21-4	000NONPJ	matrix spike dup	5/3/2021	Metal	Chromium VI	n/a	=	5.6	µg/L	EPA 218.6	0.0079	0.02			
2020/21-4	000NONPJ	matrix spike dup, rec	5/3/2021	Metal	Chromium VI	n/a	=	111	%	EPA 218.6	-88	-88	88	112	
2020/21-4	000NONPJ	matrix spike, RPD	5/3/2021	Metal	Chromium VI	n/a	=	2	%	EPA 218.6	-88	-88	0	10	
2020/21-4	000NONPJ	matrix spike	5/20/2021	Metal	Chromium VI	n/a	=	25.2	µg/L	EPA 218.6	0.04	0.1			
2020/21-4	000NONPJ	matrix spike, rec	5/20/2021	Metal	Chromium VI	n/a	=	101	%	EPA 218.6	-88	-88	88	112	
2020/21-4	000NONPJ	matrix spike dup	5/20/2021	Metal	Chromium VI	n/a	=	25.3	µg/L	EPA 218.6	0.04	0.1			
2020/21-4	000NONPJ	matrix spike dup, rec	5/20/2021	Metal	Chromium VI	n/a	=	101	%	EPA 218.6	-88	-88	88	112	
2020/21-4	000NONPJ	matrix spike, RPD	5/20/2021	Metal	Chromium VI	n/a	=	0.3	%	EPA 218.6	-88	-88	0	10	
2020/21-4	000NONPJ	matrix spike	5/20/2021	Metal	Chromium VI	n/a	=	5.51	µg/L	EPA 218.6	0.0079	0.02			
2020/21-4	000NONPJ	matrix spike, rec	5/20/2021	Metal	Chromium VI	n/a	=	106	%	EPA 218.6	-88	-88	88	112	
2020/21-4	000NONPJ	matrix spike dup	5/20/2021	Metal	Chromium VI	n/a	=	5.56	µg/L	EPA 218.6	0.0079	0.02			
2020/21-4	000NONPJ	matrix spike dup, rec	5/20/2021	Metal	Chromium VI	n/a	=	107	%	EPA 218.6	-88	-88	88	112	
2020/21-4	000NONPJ	matrix spike, RPD	5/20/2021	Metal	Chromium VI	n/a	=	1	%	EPA 218.6	-88	-88	0	10	
2020/21-4	Lab	method blank	5/3/2021	Metal	Chromium VI	n/a	<	0.0079	µg/L	EPA 218.6	0.0079	0.02			
2020/21-4	Lab	LCS	5/3/2021	Metal	Chromium VI	n/a	=	5.24	µg/L	EPA 218.6	0.0079	0.02			
2020/21-4	Lab	LCS, rec	5/3/2021	Metal	Chromium VI	n/a	=	105	%	EPA 218.6	-88	-88	90	110	
2020/21-4	Lab	method blank	5/20/2021	Metal	Chromium VI	n/a	<	0.0079	µg/L	EPA 218.6	0.0079	0.02			
2020/21-4	Lab	LCS	5/20/2021	Metal	Chromium VI	n/a	=	5.18	µg/L	EPA 218.6	0.0079	0.02			
2020/21-4	Lab	LCS, rec	5/20/2021	Metal	Chromium VI	n/a	=	104	%	EPA 218.6	-88	-88	90	110	
2020/21-4	Lab	method blank	5/3/2021	Metal	Copper	Dissolved	DNQ	0.385	µg/L	EPA 200.8	0.23	0.5			IP
2020/21-4	Lab	LCS	5/3/2021	Metal	Copper	Dissolved	=	55.6	µg/L	EPA 200.8	0.23	0.5			
2020/21-4	Lab	LCS, rec	5/3/2021	Metal	Copper	Dissolved	=	111	%	EPA 200.8	-88	-88	85	115	
2020/21-4	Lab	method blank	5/4/2021	Metal	Copper	Dissolved	DNQ	0.234	µg/L	EPA 200.8	0.23	0.5			IP
2020/21-4	Lab	LCS	5/4/2021	Metal	Copper	Dissolved	=	54.3	µg/L	EPA 200.8	0.23	0.5			
2020/21-4	Lab	LCS, rec	5/4/2021	Metal	Copper	Dissolved	=	109	%	EPA 200.8	-88	-88	85	115	
2020/21-4	Lab	method blank	5/18/2021	Metal	Copper	Dissolved	<	0.23	µg/L	EPA 200.8	0.23	0.5			
2020/21-4	Lab	LCS	5/18/2021	Metal	Copper	Dissolved	=	53.1	µg/L	EPA 200.8	0.23	0.5			
2020/21-4	Lab	LCS, rec	5/18/2021	Metal	Copper	Dissolved	=	106	%	EPA 200.8	-88	-88	85	115	
2020/21-4	Lab	method blank	5/20/2021	Metal	Copper	Dissolved	<	0.23	µg/L	EPA 200.8	0.23	0.5			
2020/21-4	Lab	method blank	5/20/2021	Metal	Copper	Dissolved	<	0.23	µg/L	EPA 200.8	0.23	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	
2020/21-4	Lab	LCS	5/20/2021	Metal	Copper	Dissolved	=	54	µg/L	EPA 200.8	0.23	0.5			
2020/21-4	Lab	LCS, rec	5/20/2021	Metal	Copper	Dissolved	=	108	%	EPA 200.8	-88	-88	85	115	
2020/21-4	Lab	method blank	5/3/2021	Metal	Copper	Total	<	0.23	µg/L	EPA 200.8	0.23	0.5			
2020/21-4	Lab	LCS	5/3/2021	Metal	Copper	Total	=	55.6	µg/L	EPA 200.8	0.23	0.5			
2020/21-4	Lab	LCS, rec	5/3/2021	Metal	Copper	Total	=	111	%	EPA 200.8	-88	-88	85	115	
2020/21-4	Lab	method blank	5/4/2021	Metal	Copper	Total	<	0.23	µg/L	EPA 200.8	0.23	0.5			
2020/21-4	Lab	LCS	5/4/2021	Metal	Copper	Total	=	54.3	µg/L	EPA 200.8	0.23	0.5			
2020/21-4	Lab	LCS, rec	5/4/2021	Metal	Copper	Total	=	109	%	EPA 200.8	-88	-88	85	115	
2020/21-4	Lab	method blank	5/18/2021	Metal	Copper	Total	<	0.23	µg/L	EPA 200.8	0.23	0.5			
2020/21-4	Lab	LCS	5/18/2021	Metal	Copper	Total	=	53.1	µg/L	EPA 200.8	0.23	0.5			
2020/21-4	Lab	LCS, rec	5/18/2021	Metal	Copper	Total	=	106	%	EPA 200.8	-88	-88	85	115	
2020/21-4	Lab	method blank	5/20/2021	Metal	Copper	Total	<	0.23	µg/L	EPA 200.8	0.23	0.5			
2020/21-4	Lab	method blank	5/20/2021	Metal	Copper	Total	<	0.23	µg/L	EPA 200.8	0.23	0.5			
2020/21-4	Lab	LCS, rec	5/20/2021	Metal	Copper	Total	=	54	µg/L	EPA 200.8	0.23	0.5			
2020/21-4	Lab	LCS, rec	5/20/2021	Metal	Copper	Total	=	108	%	EPA 200.8	-88	-88	85	115	
2020/21-4	MO-FIL	matrix spike	5/3/2021	Metal	Copper	Total	=	59.5	µg/L	EPA 200.8	0.23	0.5			
2020/21-4	MO-FIL	matrix spike, rec	5/3/2021	Metal	Copper	Total	=	106	%	EPA 200.8	-88	-88	70	130	
2020/21-4	MO-FIL	matrix spike dup	5/3/2021	Metal	Copper	Total	=	59.3	µg/L	EPA 200.8	0.23	0.5			
2020/21-4	MO-FIL	matrix spike dup, rec	5/3/2021	Metal	Copper	Total	=	106	%	EPA 200.8	-88	-88	70	130	
2020/21-4	MO-FIL	matrix spike, RPD	5/3/2021	Metal	Copper	Total	=	0.3	%	EPA 200.8	-88	-88	0	30	
2020/21-4	MO-HUE	matrix spike	5/20/2021	Metal	Copper	Total	=	43.2	µg/L	EPA 200.8	0.23	0.5			
2020/21-4	MO-HUE	matrix spike, rec	5/20/2021	Metal	Copper	Total	=	86	%	EPA 200.8	-88	-88	70	130	
2020/21-4	MO-HUE	matrix spike dup	5/20/2021	Metal	Copper	Total	=	43.4	µg/L	EPA 200.8	0.23	0.5			
2020/21-4	MO-HUE	matrix spike dup, rec	5/20/2021	Metal	Copper	Total	=	87	%	EPA 200.8	-88	-88	70	130	
2020/21-4	MO-HUE	matrix spike, RPD	5/20/2021	Metal	Copper	Total	=	0.4	%	EPA 200.8	-88	-88	0	30	
2020/21-4	MO-OJA	matrix spike	5/18/2021	Metal	Copper	Total	=	55	µg/L	EPA 200.8	0.23	0.5			
2020/21-4	MO-OJA	matrix spike, rec	5/18/2021	Metal	Copper	Total	=	100	%	EPA 200.8	-88	-88	70	130	
2020/21-4	MO-OJA	matrix spike dup	5/18/2021	Metal	Copper	Total	=	55.4	µg/L	EPA 200.8	0.23	0.5			
2020/21-4	MO-OJA	matrix spike dup, rec	5/18/2021	Metal	Copper	Total	=	101	%	EPA 200.8	-88	-88	70	130	
2020/21-4	MO-OJA	matrix spike, RPD	5/18/2021	Metal	Copper	Total	=	0.8	%	EPA 200.8	-88	-88	0	30	
2020/21-4	MO-THO	matrix spike	5/4/2021	Metal	Copper	Total	=	51.2	µg/L	EPA 200.8	0.23	0.5			
2020/21-4	MO-THO	matrix spike, rec	5/4/2021	Metal	Copper	Total	=	100	%	EPA 200.8	-88	-88	70	130	
2020/21-4	MO-THO	matrix spike dup	5/4/2021	Metal	Copper	Total	=	51.3	µg/L	EPA 200.8	0.23	0.5			
2020/21-4	MO-THO	matrix spike dup, rec	5/4/2021	Metal	Copper	Total	=	100	%	EPA 200.8	-88	-88	70	130	
2020/21-4	MO-THO	matrix spike, RPD	5/4/2021	Metal	Copper	Total	=	0.3	%	EPA 200.8	-88	-88	0	30	
2020/21-4	Lab	method blank	5/3/2021	Metal	Iron	Dissolved	<	3.9	µg/L	EPA 200.8	3.9	20			
2020/21-4	Lab	LCS	5/3/2021	Metal	Iron	Dissolved	=	55.4	µg/L	EPA 200.8	3.9	20			
2020/21-4	Lab	LCS, rec	5/3/2021	Metal	Iron	Dissolved	=	111	%	EPA 200.8	-88	-88	85	115	
2020/21-4	Lab	method blank	5/4/2021	Metal	Iron	Dissolved	<	3.9	µg/L	EPA 200.8	3.9	20			
2020/21-4	Lab	LCS	5/4/2021	Metal	Iron	Dissolved	=	1120	µg/L	EPA 200.8	3.9	20			
2020/21-4	Lab	LCS, rec	5/4/2021	Metal	Iron	Dissolved	=	107	%	EPA 200.8	-88	-88	85	115	
2020/21-4	Lab	method blank	5/18/2021	Metal	Iron	Dissolved	<	3.9	µg/L	EPA 200.8	3.9	20			
2020/21-4	Lab	LCS	5/18/2021	Metal	Iron	Dissolved	=	1100	µg/L	EPA 200.8	3.9	20			
2020/21-4	Lab	LCS, rec	5/18/2021	Metal	Iron	Dissolved	=	105	%	EPA 200.8	-88	-88	85	115	
2020/21-4	Lab	method blank	5/20/2021	Metal	Iron	Dissolved	<	3.9	µg/L	EPA 200.8	3.9	20			
2020/21-4	Lab	method blank	5/20/2021	Metal	Iron	Dissolved	<	3.9	µg/L	EPA 200.8	3.9	20			
2020/21-4	Lab	LCS	5/20/2021	Metal	Iron	Dissolved	=	1110	µg/L	EPA 200.8	3.9	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	
2020/21-4	Lab	LCS, rec	5/20/2021	Metal	Iron	Dissolved	=	106	%	EPA 200.8	-88	-88	85	115	
2020/21-4	Lab	method blank	5/3/2021	Metal	Iron	Total	<	3.9	µg/L	EPA 200.8	3.9	20			
2020/21-4	Lab	LCS	5/3/2021	Metal	Iron	Total	=	55.4	µg/L	EPA 200.8	3.9	20			
2020/21-4	Lab	LCS, rec	5/3/2021	Metal	Iron	Total	=	111	%	EPA 200.8	-88	-88	85	115	
2020/21-4	Lab	method blank	5/4/2021	Metal	Iron	Total	<	3.9	µg/L	EPA 200.8	3.9	20			
2020/21-4	Lab	LCS	5/4/2021	Metal	Iron	Total	=	1120	µg/L	EPA 200.8	3.9	20			
2020/21-4	Lab	LCS, rec	5/4/2021	Metal	Iron	Total	=	107	%	EPA 200.8	-88	-88	85	115	
2020/21-4	Lab	method blank	5/18/2021	Metal	Iron	Total	<	3.9	µg/L	EPA 200.8	3.9	20			
2020/21-4	Lab	LCS	5/18/2021	Metal	Iron	Total	=	1100	µg/L	EPA 200.8	3.9	20			
2020/21-4	Lab	LCS, rec	5/18/2021	Metal	Iron	Total	=	105	%	EPA 200.8	-88	-88	85	115	
2020/21-4	Lab	method blank	5/20/2021	Metal	Iron	Total	<	3.9	µg/L	EPA 200.8	3.9	20			
2020/21-4	Lab	method blank	5/20/2021	Metal	Iron	Total	<	3.9	µg/L	EPA 200.8	3.9	20			
2020/21-4	Lab	LCS	5/20/2021	Metal	Iron	Total	=	1110	µg/L	EPA 200.8	3.9	20			
2020/21-4	Lab	LCS, rec	5/20/2021	Metal	Iron	Total	=	106	%	EPA 200.8	-88	-88	85	115	
2020/21-4	MO-FIL	matrix spike	5/3/2021	Metal	Iron	Total	=	72.1	µg/L	EPA 200.8	3.9	20			
2020/21-4	MO-FIL	matrix spike, rec	5/3/2021	Metal	Iron	Total	=	112	%	EPA 200.8	-88	-88	70	130	
2020/21-4	MO-FIL	matrix spike dup	5/3/2021	Metal	Iron	Total	=	68.6	µg/L	EPA 200.8	3.9	20			
2020/21-4	MO-FIL	matrix spike dup, rec	5/3/2021	Metal	Iron	Total	=	105	%	EPA 200.8	-88	-88	70	130	
2020/21-4	MO-FIL	matrix spike, RPD	5/3/2021	Metal	Iron	Total	=	5	%	EPA 200.8	-88	-88	0	30	
2020/21-4	MO-HUE	matrix spike	5/20/2021	Metal	Iron	Total	=	2780	µg/L	EPA 200.8	3.9	20			
2020/21-4	MO-HUE	matrix spike, rec	5/20/2021	Metal	Iron	Total	=	104	%	EPA 200.8	-88	-88	70	130	
2020/21-4	MO-HUE	matrix spike dup	5/20/2021	Metal	Iron	Total	=	2740	µg/L	EPA 200.8	3.9	20			
2020/21-4	MO-HUE	matrix spike dup, rec	5/20/2021	Metal	Iron	Total	=	100	%	EPA 200.8	-88	-88	70	130	
2020/21-4	MO-HUE	matrix spike, RPD	5/20/2021	Metal	Iron	Total	=	1	%	EPA 200.8	-88	-88	0	30	
2020/21-4	MO-OJA	matrix spike	5/18/2021	Metal	Iron	Total	=	1120	µg/L	EPA 200.8	3.9	20			
2020/21-4	MO-OJA	matrix spike, rec	5/18/2021	Metal	Iron	Total	=	105	%	EPA 200.8	-88	-88	70	130	
2020/21-4	MO-OJA	matrix spike dup	5/18/2021	Metal	Iron	Total	=	1130	µg/L	EPA 200.8	3.9	20			
2020/21-4	MO-OJA	matrix spike dup, rec	5/18/2021	Metal	Iron	Total	=	106	%	EPA 200.8	-88	-88	70	130	
2020/21-4	MO-OJA	matrix spike, RPD	5/18/2021	Metal	Iron	Total	=	0.9	%	EPA 200.8	-88	-88	0	30	
2020/21-4	MO-THO	matrix spike	5/4/2021	Metal	Iron	Total	=	1260	µg/L	EPA 200.8	3.9	20			
2020/21-4	MO-THO	matrix spike, rec	5/4/2021	Metal	Iron	Total	=	106	%	EPA 200.8	-88	-88	70	130	
2020/21-4	MO-THO	matrix spike dup	5/4/2021	Metal	Iron	Total	=	1270	µg/L	EPA 200.8	3.9	20			
2020/21-4	MO-THO	matrix spike dup, rec	5/4/2021	Metal	Iron	Total	=	108	%	EPA 200.8	-88	-88	70	130	
2020/21-4	MO-THO	matrix spike, RPD	5/4/2021	Metal	Iron	Total	=	1	%	EPA 200.8	-88	-88	0	30	
2020/21-4	Lab	method blank	5/3/2021	Metal	Lead	Dissolved	<	0.083	µg/L	EPA 200.8	0.083	0.2			
2020/21-4	Lab	LCS	5/3/2021	Metal	Lead	Dissolved	=	49.5	µg/L	EPA 200.8	0.083	0.2			
2020/21-4	Lab	LCS, rec	5/3/2021	Metal	Lead	Dissolved	=	99	%	EPA 200.8	-88	-88	85	115	
2020/21-4	Lab	method blank	5/4/2021	Metal	Lead	Dissolved	<	0.083	µg/L	EPA 200.8	0.083	0.2			
2020/21-4	Lab	LCS	5/4/2021	Metal	Lead	Dissolved	=	50.7	µg/L	EPA 200.8	0.083	0.2			
2020/21-4	Lab	LCS, rec	5/4/2021	Metal	Lead	Dissolved	=	101	%	EPA 200.8	-88	-88	85	115	
2020/21-4	Lab	method blank	5/18/2021	Metal	Lead	Dissolved	<	0.083	µg/L	EPA 200.8	0.083	0.2			
2020/21-4	Lab	LCS	5/18/2021	Metal	Lead	Dissolved	=	50.2	µg/L	EPA 200.8	0.083	0.2			
2020/21-4	Lab	LCS, rec	5/18/2021	Metal	Lead	Dissolved	=	100	%	EPA 200.8	-88	-88	85	115	
2020/21-4	Lab	method blank	5/20/2021	Metal	Lead	Dissolved	<	0.083	µg/L	EPA 200.8	0.083	0.2			
2020/21-4	Lab	method blank	5/20/2021	Metal	Lead	Dissolved	<	0.083	µg/L	EPA 200.8	0.083	0.2			
2020/21-4	Lab	LCS	5/20/2021	Metal	Lead	Dissolved	=	50.3	µg/L	EPA 200.8	0.083	0.2			
2020/21-4	Lab	LCS, rec	5/20/2021	Metal	Lead	Dissolved	=	101	%	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	
2020/21-4	Lab	method blank	5/3/2021	Metal	Lead	Total	<	0.083	µg/L	EPA 200.8	0.083	0.2			
2020/21-4	Lab	LCS	5/3/2021	Metal	Lead	Total	=	49.5	µg/L	EPA 200.8	0.083	0.2			
2020/21-4	Lab	LCS, rec	5/3/2021	Metal	Lead	Total	=	99	%	EPA 200.8	-88	-88	85	115	
2020/21-4	Lab	method blank	5/4/2021	Metal	Lead	Total	<	0.083	µg/L	EPA 200.8	0.083	0.2			
2020/21-4	Lab	LCS	5/4/2021	Metal	Lead	Total	=	50.7	µg/L	EPA 200.8	0.083	0.2			
2020/21-4	Lab	LCS, rec	5/4/2021	Metal	Lead	Total	=	101	%	EPA 200.8	-88	-88	85	115	
2020/21-4	Lab	method blank	5/18/2021	Metal	Lead	Total	<	0.083	µg/L	EPA 200.8	0.083	0.2			
2020/21-4	Lab	LCS	5/18/2021	Metal	Lead	Total	=	50.2	µg/L	EPA 200.8	0.083	0.2			
2020/21-4	Lab	LCS, rec	5/18/2021	Metal	Lead	Total	=	100	%	EPA 200.8	-88	-88	85	115	
2020/21-4	Lab	method blank	5/20/2021	Metal	Lead	Total	<	0.083	µg/L	EPA 200.8	0.083	0.2			
2020/21-4	Lab	method blank	5/20/2021	Metal	Lead	Total	<	0.083	µg/L	EPA 200.8	0.083	0.2			
2020/21-4	Lab	LCS	5/20/2021	Metal	Lead	Total	=	50.3	µg/L	EPA 200.8	0.083	0.2			
2020/21-4	Lab	LCS, rec	5/20/2021	Metal	Lead	Total	=	101	%	EPA 200.8	-88	-88	85	115	
2020/21-4	MO-FIL	matrix spike	5/3/2021	Metal	Lead	Total	=	49.8	µg/L	EPA 200.8	0.083	0.2			
2020/21-4	MO-FIL	matrix spike, rec	5/3/2021	Metal	Lead	Total	=	100	%	EPA 200.8	-88	-88	70	130	
2020/21-4	MO-FIL	matrix spike dup	5/3/2021	Metal	Lead	Total	=	50.6	µg/L	EPA 200.8	0.083	0.2			
2020/21-4	MO-FIL	matrix spike dup, rec	5/3/2021	Metal	Lead	Total	=	101	%	EPA 200.8	-88	-88	70	130	
2020/21-4	MO-FIL	matrix spike, RPD	5/3/2021	Metal	Lead	Total	=	2	%	EPA 200.8	-88	-88	0	30	
2020/21-4	MO-HUE	matrix spike	5/20/2021	Metal	Lead	Total	=	50.4	µg/L	EPA 200.8	0.083	0.2			
2020/21-4	MO-HUE	matrix spike, rec	5/20/2021	Metal	Lead	Total	=	101	%	EPA 200.8	-88	-88	70	130	
2020/21-4	MO-HUE	matrix spike dup	5/20/2021	Metal	Lead	Total	=	51	µg/L	EPA 200.8	0.083	0.2			
2020/21-4	MO-HUE	matrix spike dup, rec	5/20/2021	Metal	Lead	Total	=	102	%	EPA 200.8	-88	-88	70	130	
2020/21-4	MO-HUE	matrix spike, RPD	5/20/2021	Metal	Lead	Total	=	1	%	EPA 200.8	-88	-88	0	30	
2020/21-4	MO-OJA	matrix spike	5/18/2021	Metal	Lead	Total	=	51.9	µg/L	EPA 200.8	0.083	0.2			
2020/21-4	MO-OJA	matrix spike, rec	5/18/2021	Metal	Lead	Total	=	101	%	EPA 200.8	-88	-88	70	130	
2020/21-4	MO-OJA	matrix spike dup	5/18/2021	Metal	Lead	Total	=	51.4	µg/L	EPA 200.8	0.083	0.2			
2020/21-4	MO-OJA	matrix spike dup, rec	5/18/2021	Metal	Lead	Total	=	100	%	EPA 200.8	-88	-88	70	130	
2020/21-4	MO-OJA	matrix spike, RPD	5/18/2021	Metal	Lead	Total	=	0.8	%	EPA 200.8	-88	-88	0	30	
2020/21-4	MO-THO	matrix spike	5/4/2021	Metal	Lead	Total	=	50.9	µg/L	EPA 200.8	0.083	0.2			
2020/21-4	MO-THO	matrix spike, rec	5/4/2021	Metal	Lead	Total	=	102	%	EPA 200.8	-88	-88	70	130	
2020/21-4	MO-THO	matrix spike dup	5/4/2021	Metal	Lead	Total	=	51.3	µg/L	EPA 200.8	0.083	0.2			
2020/21-4	MO-THO	matrix spike dup, rec	5/4/2021	Metal	Lead	Total	=	102	%	EPA 200.8	-88	-88	70	130	
2020/21-4	MO-THO	matrix spike, RPD	5/4/2021	Metal	Lead	Total	=	0.8	%	EPA 200.8	-88	-88	0	30	
2020/21-4	000NONPJ	matrix spike	5/4/2021	Metal	Mercury	Dissolved	=	1020	ng/L	EPA 245.1	17	50			
2020/21-4	000NONPJ	matrix spike, rec	5/4/2021	Metal	Mercury	Dissolved	=	102	%	EPA 245.1	-88	-88	70	130	
2020/21-4	000NONPJ	matrix spike dup	5/4/2021	Metal	Mercury	Dissolved	=	1020	ng/L	EPA 245.1	17	50			
2020/21-4	000NONPJ	matrix spike dup, rec	5/4/2021	Metal	Mercury	Dissolved	=	102	%	EPA 245.1	-88	-88	70	130	
2020/21-4	000NONPJ	matrix spike, RPD	5/4/2021	Metal	Mercury	Dissolved	=	0.2	%	EPA 245.1	-88	-88	0	20	
2020/21-4	000NONPJ	matrix spike	5/4/2021	Metal	Mercury	Dissolved	=	1030	ng/L	EPA 245.1	17	50			
2020/21-4	000NONPJ	matrix spike, rec	5/4/2021	Metal	Mercury	Dissolved	=	103	%	EPA 245.1	-88	-88	70	130	
2020/21-4	000NONPJ	matrix spike dup	5/4/2021	Metal	Mercury	Dissolved	=	1050	ng/L	EPA 245.1	17	50			
2020/21-4	000NONPJ	matrix spike dup, rec	5/4/2021	Metal	Mercury	Dissolved	=	105	%	EPA 245.1	-88	-88	70	130	
2020/21-4	000NONPJ	matrix spike, RPD	5/4/2021	Metal	Mercury	Dissolved	=	2	%	EPA 245.1	-88	-88	0	20	
2020/21-4	000NONPJ	matrix spike	5/5/2021	Metal	Mercury	Dissolved	=	1040	ng/L	EPA 245.1	17	50			
2020/21-4	000NONPJ	matrix spike, rec	5/5/2021	Metal	Mercury	Dissolved	=	104	%	EPA 245.1	-88	-88	70	130	
2020/21-4	000NONPJ	matrix spike dup	5/5/2021	Metal	Mercury	Dissolved	=	1060	ng/L	EPA 245.1	17	50			
2020/21-4	000NONPJ	matrix spike dup, rec	5/5/2021	Metal	Mercury	Dissolved	=	106	%	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	
2020/21-4	000NONPJ	matrix spike, RPD	5/5/2021	Metal	Mercury	Dissolved	=	2	%	EPA 245.1	-88	-88	0	20	
2020/21-4	000NONPJ	matrix spike dup	5/25/2021	Metal	Mercury	Dissolved	=	944	ng/L	EPA 245.1	17	50			
2020/21-4	000NONPJ	matrix spike dup, rec	5/25/2021	Metal	Mercury	Dissolved	=	94	%	EPA 245.1	-88	-88	70	130	
2020/21-4	000NONPJ	matrix spike, RPD	5/25/2021	Metal	Mercury	Dissolved	=	1	%	EPA 245.1	-88	-88	0	20	
2020/21-4	000NONPJ	matrix spike	5/25/2021	Metal	Mercury	Dissolved	=	953	ng/L	EPA 245.1	17	50			
2020/21-4	000NONPJ	matrix spike, rec	5/25/2021	Metal	Mercury	Dissolved	=	95	%	EPA 245.1	-88	-88	70	130	
2020/21-4	000NONPJ	matrix spike	5/25/2021	Metal	Mercury	Dissolved	=	1060	ng/L	EPA 245.1	17	50			
2020/21-4	000NONPJ	matrix spike, rec	5/25/2021	Metal	Mercury	Dissolved	=	106	%	EPA 245.1	-88	-88	70	130	
2020/21-4	000NONPJ	matrix spike dup	5/25/2021	Metal	Mercury	Dissolved	=	1040	ng/L	EPA 245.1	17	50			
2020/21-4	000NONPJ	matrix spike dup, rec	5/25/2021	Metal	Mercury	Dissolved	=	104	%	EPA 245.1	-88	-88	70	130	
2020/21-4	000NONPJ	matrix spike, RPD	5/25/2021	Metal	Mercury	Dissolved	=	1	%	EPA 245.1	-88	-88	0	20	
2020/21-4	000NONPJ	matrix spike	5/25/2021	Metal	Mercury	Dissolved	=	1000	ng/L	EPA 245.1	17	50			
2020/21-4	000NONPJ	matrix spike, rec	5/25/2021	Metal	Mercury	Dissolved	=	100	%	EPA 245.1	-88	-88	70	130	
2020/21-4	000NONPJ	matrix spike dup	5/25/2021	Metal	Mercury	Dissolved	=	1040	ng/L	EPA 245.1	17	50			
2020/21-4	000NONPJ	matrix spike dup, rec	5/25/2021	Metal	Mercury	Dissolved	=	104	%	EPA 245.1	-88	-88	70	130	
2020/21-4	000NONPJ	matrix spike, RPD	5/25/2021	Metal	Mercury	Dissolved	=	4	%	EPA 245.1	-88	-88	0	20	
2020/21-4	Lab	method blank	5/4/2021	Metal	Mercury	Dissolved	<	17	ng/L	EPA 245.1	17	50			
2020/21-4	Lab	LCS	5/4/2021	Metal	Mercury	Dissolved	=	1050	ng/L	EPA 245.1	17	50			
2020/21-4	Lab	LCS, rec	5/4/2021	Metal	Mercury	Dissolved	=	105	%	EPA 245.1	-88	-88	85	115	
2020/21-4	Lab	method blank	5/5/2021	Metal	Mercury	Dissolved	<	17	ng/L	EPA 245.1	17	50			
2020/21-4	Lab	LCS	5/5/2021	Metal	Mercury	Dissolved	=	1060	ng/L	EPA 245.1	17	50			
2020/21-4	Lab	LCS, rec	5/5/2021	Metal	Mercury	Dissolved	=	106	%	EPA 245.1	-88	-88	85	115	
2020/21-4	Lab	method blank	5/25/2021	Metal	Mercury	Dissolved	<	17	ng/L	EPA 245.1	17	50			
2020/21-4	Lab	LCS	5/25/2021	Metal	Mercury	Dissolved	=	1060	ng/L	EPA 245.1	17	50			
2020/21-4	Lab	LCS, rec	5/25/2021	Metal	Mercury	Dissolved	=	106	%	EPA 245.1	-88	-88	85	115	
2020/21-4	Lab	method blank	5/25/2021	Metal	Mercury	Dissolved	<	17	ng/L	EPA 245.1	17	50			
2020/21-4	Lab	LCS	5/25/2021	Metal	Mercury	Dissolved	=	1060	ng/L	EPA 245.1	17	50			
2020/21-4	Lab	LCS, rec	5/25/2021	Metal	Mercury	Dissolved	=	106	%	EPA 245.1	-88	-88	85	115	
2020/21-4	ME-VR2	matrix spike	5/25/2021	Metal	Mercury	Dissolved	=	1040	ng/L	EPA 245.1	17	50			
2020/21-4	ME-VR2	matrix spike, rec	5/25/2021	Metal	Mercury	Dissolved	=	104	%	EPA 245.1	-88	-88	70	130	
2020/21-4	ME-VR2	matrix spike dup	5/25/2021	Metal	Mercury	Dissolved	=	1030	ng/L	EPA 245.1	17	50			
2020/21-4	ME-VR2	matrix spike dup, rec	5/25/2021	Metal	Mercury	Dissolved	=	103	%	EPA 245.1	-88	-88	70	130	
2020/21-4	ME-VR2	matrix spike, RPD	5/25/2021	Metal	Mercury	Dissolved	=	0.5	%	EPA 245.1	-88	-88	0	20	
2020/21-4	MO-SIM	matrix spike	5/5/2021	Metal	Mercury	Dissolved	=	978	ng/L	EPA 245.1	17	50			
2020/21-4	MO-SIM	matrix spike, rec	5/5/2021	Metal	Mercury	Dissolved	=	98	%	EPA 245.1	-88	-88	70	130	
2020/21-4	MO-SIM	matrix spike dup	5/5/2021	Metal	Mercury	Dissolved	=	986	ng/L	EPA 245.1	17	50			
2020/21-4	MO-SIM	matrix spike dup, rec	5/5/2021	Metal	Mercury	Dissolved	=	99	%	EPA 245.1	-88	-88	70	130	
2020/21-4	MO-SIM	matrix spike, RPD	5/5/2021	Metal	Mercury	Dissolved	=	0.7	%	EPA 245.1	-88	-88	0	20	
2020/21-4	000NONPJ	matrix spike	5/4/2021	Metal	Mercury	Total	=	1020	ng/L	EPA 245.1	17	50			
2020/21-4	000NONPJ	matrix spike, rec	5/4/2021	Metal	Mercury	Total	=	102	%	EPA 245.1	-88	-88	70	130	
2020/21-4	000NONPJ	matrix spike dup	5/4/2021	Metal	Mercury	Total	=	1020	ng/L	EPA 245.1	17	50			
2020/21-4	000NONPJ	matrix spike dup, rec	5/4/2021	Metal	Mercury	Total	=	102	%	EPA 245.1	-88	-88	70	130	
2020/21-4	000NONPJ	matrix spike, RPD	5/4/2021	Metal	Mercury	Total	=	0.2	%	EPA 245.1	-88	-88	0	20	
2020/21-4	000NONPJ	matrix spike	5/4/2021	Metal	Mercury	Total	=	1030	ng/L	EPA 245.1	17	50			
2020/21-4	000NONPJ	matrix spike, rec	5/4/2021	Metal	Mercury	Total	=	103	%	EPA 245.1	-88	-88	70	130	
2020/21-4	000NONPJ	matrix spike dup	5/4/2021	Metal	Mercury	Total	=	1050	ng/L	EPA 245.1	17	50			
2020/21-4	000NONPJ	matrix spike dup, rec	5/4/2021	Metal	Mercury	Total	=	105	%	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	
2020/21-4	000NONPJ	matrix spike, RPD	5/4/2021	Metal	Mercury	Total	=	2	%	EPA 245.1	-88	-88	0	20	
2020/21-4	000NONPJ	matrix spike	5/5/2021	Metal	Mercury	Total	=	1040	ng/L	EPA 245.1	17	50			
2020/21-4	000NONPJ	matrix spike, rec	5/5/2021	Metal	Mercury	Total	=	104	%	EPA 245.1	-88	-88	70	130	
2020/21-4	000NONPJ	matrix spike dup	5/5/2021	Metal	Mercury	Total	=	1060	ng/L	EPA 245.1	17	50			
2020/21-4	000NONPJ	matrix spike dup, rec	5/5/2021	Metal	Mercury	Total	=	106	%	EPA 245.1	-88	-88	70	130	
2020/21-4	000NONPJ	matrix spike, RPD	5/5/2021	Metal	Mercury	Total	=	2	%	EPA 245.1	-88	-88	0	20	
2020/21-4	000NONPJ	matrix spike dup	5/25/2021	Metal	Mercury	Total	=	944	ng/L	EPA 245.1	17	50			
2020/21-4	000NONPJ	matrix spike dup, rec	5/25/2021	Metal	Mercury	Total	=	94	%	EPA 245.1	-88	-88	70	130	
2020/21-4	000NONPJ	matrix spike, RPD	5/25/2021	Metal	Mercury	Total	=	1	%	EPA 245.1	-88	-88	0	20	
2020/21-4	000NONPJ	matrix spike	5/25/2021	Metal	Mercury	Total	=	953	ng/L	EPA 245.1	17	50			
2020/21-4	000NONPJ	matrix spike, rec	5/25/2021	Metal	Mercury	Total	=	95	%	EPA 245.1	-88	-88	70	130	
2020/21-4	000NONPJ	matrix spike	5/25/2021	Metal	Mercury	Total	=	1060	ng/L	EPA 245.1	17	50			
2020/21-4	000NONPJ	matrix spike, rec	5/25/2021	Metal	Mercury	Total	=	106	%	EPA 245.1	-88	-88	70	130	
2020/21-4	000NONPJ	matrix spike dup	5/25/2021	Metal	Mercury	Total	=	1040	ng/L	EPA 245.1	17	50			
2020/21-4	000NONPJ	matrix spike dup, rec	5/25/2021	Metal	Mercury	Total	=	104	%	EPA 245.1	-88	-88	70	130	
2020/21-4	000NONPJ	matrix spike, RPD	5/25/2021	Metal	Mercury	Total	=	1	%	EPA 245.1	-88	-88	0	20	
2020/21-4	000NONPJ	matrix spike	5/25/2021	Metal	Mercury	Total	=	1000	ng/L	EPA 245.1	17	50			
2020/21-4	000NONPJ	matrix spike, rec	5/25/2021	Metal	Mercury	Total	=	100	%	EPA 245.1	-88	-88	70	130	
2020/21-4	000NONPJ	matrix spike dup	5/25/2021	Metal	Mercury	Total	=	1040	ng/L	EPA 245.1	17	50			
2020/21-4	000NONPJ	matrix spike dup, rec	5/25/2021	Metal	Mercury	Total	=	104	%	EPA 245.1	-88	-88	70	130	
2020/21-4	000NONPJ	matrix spike, RPD	5/25/2021	Metal	Mercury	Total	=	4	%	EPA 245.1	-88	-88	0	20	
2020/21-4	Lab	method blank	5/4/2021	Metal	Mercury	Total	<	17	ng/L	EPA 245.1	17	50			
2020/21-4	Lab	LCS	5/4/2021	Metal	Mercury	Total	=	1050	ng/L	EPA 245.1	17	50			
2020/21-4	Lab	LCS, rec	5/4/2021	Metal	Mercury	Total	=	105	%	EPA 245.1	-88	-88	85	115	
2020/21-4	Lab	method blank	5/5/2021	Metal	Mercury	Total	<	17	ng/L	EPA 245.1	17	50			
2020/21-4	Lab	LCS	5/5/2021	Metal	Mercury	Total	=	1060	ng/L	EPA 245.1	17	50			
2020/21-4	Lab	LCS, rec	5/5/2021	Metal	Mercury	Total	=	106	%	EPA 245.1	-88	-88	85	115	
2020/21-4	Lab	method blank	5/25/2021	Metal	Mercury	Total	<	17	ng/L	EPA 245.1	17	50			
2020/21-4	Lab	LCS	5/25/2021	Metal	Mercury	Total	=	1060	ng/L	EPA 245.1	17	50			
2020/21-4	Lab	LCS, rec	5/25/2021	Metal	Mercury	Total	=	106	%	EPA 245.1	-88	-88	85	115	
2020/21-4	Lab	method blank	5/25/2021	Metal	Mercury	Total	<	17	ng/L	EPA 245.1	17	50			
2020/21-4	Lab	LCS	5/25/2021	Metal	Mercury	Total	=	1060	ng/L	EPA 245.1	17	50			
2020/21-4	Lab	LCS, rec	5/25/2021	Metal	Mercury	Total	=	106	%	EPA 245.1	-88	-88	85	115	
2020/21-4	ME-VR2	matrix spike	5/25/2021	Metal	Mercury	Total	=	1040	ng/L	EPA 245.1	17	50			
2020/21-4	ME-VR2	matrix spike, rec	5/25/2021	Metal	Mercury	Total	=	104	%	EPA 245.1	-88	-88	70	130	
2020/21-4	ME-VR2	matrix spike dup	5/25/2021	Metal	Mercury	Total	=	1030	ng/L	EPA 245.1	17	50			
2020/21-4	ME-VR2	matrix spike dup, rec	5/25/2021	Metal	Mercury	Total	=	103	%	EPA 245.1	-88	-88	70	130	
2020/21-4	ME-VR2	matrix spike, RPD	5/25/2021	Metal	Mercury	Total	=	0.5	%	EPA 245.1	-88	-88	0	20	
2020/21-4	MO-SIM	matrix spike	5/5/2021	Metal	Mercury	Total	=	978	ng/L	EPA 245.1	17	50			
2020/21-4	MO-SIM	matrix spike, rec	5/5/2021	Metal	Mercury	Total	=	98	%	EPA 245.1	-88	-88	70	130	
2020/21-4	MO-SIM	matrix spike dup	5/5/2021	Metal	Mercury	Total	=	986	ng/L	EPA 245.1	17	50			
2020/21-4	MO-SIM	matrix spike dup, rec	5/5/2021	Metal	Mercury	Total	=	99	%	EPA 245.1	-88	-88	70	130	
2020/21-4	MO-SIM	matrix spike, RPD	5/5/2021	Metal	Mercury	Total	=	0.7	%	EPA 245.1	-88	-88	0	20	
2020/21-4	Lab	method blank	5/3/2021	Metal	Nickel	Dissolved	<	0.16	µg/L	EPA 200.8	0.16	2			
2020/21-4	Lab	LCS	5/3/2021	Metal	Nickel	Dissolved	=	54	µg/L	EPA 200.8	0.16	2			
2020/21-4	Lab	LCS, rec	5/3/2021	Metal	Nickel	Dissolved	=	108	%	EPA 200.8	-88	-88	85	115	
2020/21-4	Lab	method blank	5/4/2021	Metal	Nickel	Dissolved	<	0.16	µg/L	EPA 200.8	0.16	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	
2020/21-4	Lab	LCS	5/4/2021	Metal	Nickel	Dissolved	=	53.1	µg/L	EPA 200.8	0.16	2			
2020/21-4	Lab	LCS, rec	5/4/2021	Metal	Nickel	Dissolved	=	106	%	EPA 200.8	-88	-88	85	115	
2020/21-4	Lab	method blank	5/18/2021	Metal	Nickel	Dissolved	<	0.16	µg/L	EPA 200.8	0.16	2			
2020/21-4	Lab	LCS	5/18/2021	Metal	Nickel	Dissolved	=	51.4	µg/L	EPA 200.8	0.16	2			
2020/21-4	Lab	LCS, rec	5/18/2021	Metal	Nickel	Dissolved	=	103	%	EPA 200.8	-88	-88	85	115	
2020/21-4	Lab	method blank	5/20/2021	Metal	Nickel	Dissolved	<	0.16	µg/L	EPA 200.8	0.16	2			
2020/21-4	Lab	method blank	5/20/2021	Metal	Nickel	Dissolved	DNQ	0.246	µg/L	EPA 200.8	0.16	2			IP
2020/21-4	Lab	LCS	5/20/2021	Metal	Nickel	Dissolved	=	51.5	µg/L	EPA 200.8	0.16	2			
2020/21-4	Lab	LCS, rec	5/20/2021	Metal	Nickel	Dissolved	=	103	%	EPA 200.8	-88	-88	85	115	
2020/21-4	Lab	method blank	5/3/2021	Metal	Nickel	Total	<	0.16	µg/L	EPA 200.8	0.16	2			
2020/21-4	Lab	LCS	5/3/2021	Metal	Nickel	Total	=	54	µg/L	EPA 200.8	0.16	2			
2020/21-4	Lab	LCS, rec	5/3/2021	Metal	Nickel	Total	=	108	%	EPA 200.8	-88	-88	85	115	
2020/21-4	Lab	method blank	5/4/2021	Metal	Nickel	Total	<	0.16	µg/L	EPA 200.8	0.16	2			
2020/21-4	Lab	LCS	5/4/2021	Metal	Nickel	Total	=	53.1	µg/L	EPA 200.8	0.16	2			
2020/21-4	Lab	LCS, rec	5/4/2021	Metal	Nickel	Total	=	106	%	EPA 200.8	-88	-88	85	115	
2020/21-4	Lab	method blank	5/18/2021	Metal	Nickel	Total	<	0.16	µg/L	EPA 200.8	0.16	2			
2020/21-4	Lab	LCS	5/18/2021	Metal	Nickel	Total	=	51.4	µg/L	EPA 200.8	0.16	2			
2020/21-4	Lab	LCS, rec	5/18/2021	Metal	Nickel	Total	=	103	%	EPA 200.8	-88	-88	85	115	
2020/21-4	Lab	method blank	5/20/2021	Metal	Nickel	Total	<	0.16	µg/L	EPA 200.8	0.16	2			
2020/21-4	Lab	method blank	5/20/2021	Metal	Nickel	Total	DNQ	0.246	µg/L	EPA 200.8	0.16	2			IP
2020/21-4	Lab	LCS	5/20/2021	Metal	Nickel	Total	=	51.5	µg/L	EPA 200.8	0.16	2			
2020/21-4	Lab	LCS, rec	5/20/2021	Metal	Nickel	Total	=	103	%	EPA 200.8	-88	-88	85	115	
2020/21-4	MO-FIL	matrix spike	5/3/2021	Metal	Nickel	Total	=	52.9	µg/L	EPA 200.8	0.16	2			
2020/21-4	MO-FIL	matrix spike, rec	5/3/2021	Metal	Nickel	Total	=	104	%	EPA 200.8	-88	-88	70	130	
2020/21-4	MO-FIL	matrix spike dup	5/3/2021	Metal	Nickel	Total	=	52.3	µg/L	EPA 200.8	0.16	2			
2020/21-4	MO-FIL	matrix spike dup, rec	5/3/2021	Metal	Nickel	Total	=	103	%	EPA 200.8	-88	-88	70	130	
2020/21-4	MO-FIL	matrix spike, RPD	5/3/2021	Metal	Nickel	Total	=	1	%	EPA 200.8	-88	-88	0	30	
2020/21-4	MO-HUE	matrix spike	5/20/2021	Metal	Nickel	Total	=	44	µg/L	EPA 200.8	0.16	2			
2020/21-4	MO-HUE	matrix spike, rec	5/20/2021	Metal	Nickel	Total	=	85	%	EPA 200.8	-88	-88	70	130	
2020/21-4	MO-HUE	matrix spike dup	5/20/2021	Metal	Nickel	Total	=	43.8	µg/L	EPA 200.8	0.16	2			
2020/21-4	MO-HUE	matrix spike dup, rec	5/20/2021	Metal	Nickel	Total	=	85	%	EPA 200.8	-88	-88	70	130	
2020/21-4	MO-HUE	matrix spike, RPD	5/20/2021	Metal	Nickel	Total	=	0.4	%	EPA 200.8	-88	-88	0	30	
2020/21-4	MO-OJA	matrix spike	5/18/2021	Metal	Nickel	Total	=	49.8	µg/L	EPA 200.8	0.16	2			
2020/21-4	MO-OJA	matrix spike, rec	5/18/2021	Metal	Nickel	Total	=	97	%	EPA 200.8	-88	-88	70	130	
2020/21-4	MO-OJA	matrix spike dup	5/18/2021	Metal	Nickel	Total	=	50.4	µg/L	EPA 200.8	0.16	2			
2020/21-4	MO-OJA	matrix spike dup, rec	5/18/2021	Metal	Nickel	Total	=	98	%	EPA 200.8	-88	-88	70	130	
2020/21-4	MO-OJA	matrix spike, RPD	5/18/2021	Metal	Nickel	Total	=	1	%	EPA 200.8	-88	-88	0	30	
2020/21-4	MO-THO	matrix spike	5/4/2021	Metal	Nickel	Total	=	50.9	µg/L	EPA 200.8	0.16	2			
2020/21-4	MO-THO	matrix spike, rec	5/4/2021	Metal	Nickel	Total	=	99	%	EPA 200.8	-88	-88	70	130	
2020/21-4	MO-THO	matrix spike dup	5/4/2021	Metal	Nickel	Total	=	51.4	µg/L	EPA 200.8	0.16	2			
2020/21-4	MO-THO	matrix spike dup, rec	5/4/2021	Metal	Nickel	Total	=	100	%	EPA 200.8	-88	-88	70	130	
2020/21-4	MO-THO	matrix spike, RPD	5/4/2021	Metal	Nickel	Total	=	0.9	%	EPA 200.8	-88	-88	0	30	
2020/21-4	Lab	method blank	5/3/2021	Metal	Selenium	Dissolved	<	0.067	µg/L	EPA 200.8	0.067	0.4			
2020/21-4	Lab	LCS	5/3/2021	Metal	Selenium	Dissolved	=	49.1	µg/L	EPA 200.8	0.067	0.4			
2020/21-4	Lab	LCS, rec	5/3/2021	Metal	Selenium	Dissolved	=	98	%	EPA 200.8	-88	-88	85	115	
2020/21-4	Lab	method blank	5/4/2021	Metal	Selenium	Dissolved	<	0.067	µg/L	EPA 200.8	0.067	0.4			
2020/21-4	Lab	LCS	5/4/2021	Metal	Selenium	Dissolved	=	50.6	µg/L	EPA 200.8	0.067	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	
2020/21-4	Lab	LCS, rec	5/4/2021	Metal	Selenium	Dissolved	=	101	%	EPA 200.8	-88	-88	85	115	
2020/21-4	Lab	method blank	5/18/2021	Metal	Selenium	Dissolved	<	0.067	µg/L	EPA 200.8	0.067	0.4			
2020/21-4	Lab	LCS	5/18/2021	Metal	Selenium	Dissolved	=	50.4	µg/L	EPA 200.8	0.067	0.4			
2020/21-4	Lab	LCS, rec	5/18/2021	Metal	Selenium	Dissolved	=	101	%	EPA 200.8	-88	-88	85	115	
2020/21-4	Lab	method blank	5/20/2021	Metal	Selenium	Dissolved	<	0.067	µg/L	EPA 200.8	0.067	0.4			
2020/21-4	Lab	method blank	5/20/2021	Metal	Selenium	Dissolved	<	0.067	µg/L	EPA 200.8	0.067	0.4			
2020/21-4	Lab	LCS	5/20/2021	Metal	Selenium	Dissolved	=	49.8	µg/L	EPA 200.8	0.067	0.4			
2020/21-4	Lab	LCS, rec	5/20/2021	Metal	Selenium	Dissolved	=	100	%	EPA 200.8	-88	-88	85	115	
2020/21-4	Lab	method blank	5/3/2021	Metal	Selenium	Total	<	0.067	µg/L	EPA 200.8	0.067	0.4			
2020/21-4	Lab	LCS	5/3/2021	Metal	Selenium	Total	=	49.1	µg/L	EPA 200.8	0.067	0.4			
2020/21-4	Lab	LCS, rec	5/3/2021	Metal	Selenium	Total	=	98	%	EPA 200.8	-88	-88	85	115	
2020/21-4	Lab	method blank	5/4/2021	Metal	Selenium	Total	<	0.067	µg/L	EPA 200.8	0.067	0.4			
2020/21-4	Lab	LCS	5/4/2021	Metal	Selenium	Total	=	50.6	µg/L	EPA 200.8	0.067	0.4			
2020/21-4	Lab	LCS, rec	5/4/2021	Metal	Selenium	Total	=	101	%	EPA 200.8	-88	-88	85	115	
2020/21-4	Lab	method blank	5/18/2021	Metal	Selenium	Total	<	0.067	µg/L	EPA 200.8	0.067	0.4			
2020/21-4	Lab	LCS	5/18/2021	Metal	Selenium	Total	=	50.4	µg/L	EPA 200.8	0.067	0.4			
2020/21-4	Lab	LCS, rec	5/18/2021	Metal	Selenium	Total	=	101	%	EPA 200.8	-88	-88	85	115	
2020/21-4	Lab	method blank	5/20/2021	Metal	Selenium	Total	<	0.067	µg/L	EPA 200.8	0.067	0.4			
2020/21-4	Lab	method blank	5/20/2021	Metal	Selenium	Total	<	0.067	µg/L	EPA 200.8	0.067	0.4			
2020/21-4	Lab	LCS	5/20/2021	Metal	Selenium	Total	=	49.8	µg/L	EPA 200.8	0.067	0.4			
2020/21-4	Lab	LCS, rec	5/20/2021	Metal	Selenium	Total	=	100	%	EPA 200.8	-88	-88	85	115	
2020/21-4	MO-FIL	matrix spike	5/3/2021	Metal	Selenium	Total	=	53.7	µg/L	EPA 200.8	0.067	0.4			
2020/21-4	MO-FIL	matrix spike, rec	5/3/2021	Metal	Selenium	Total	=	96	%	EPA 200.8	-88	-88	70	130	
2020/21-4	MO-FIL	matrix spike dup	5/3/2021	Metal	Selenium	Total	=	54.2	µg/L	EPA 200.8	0.067	0.4			
2020/21-4	MO-FIL	matrix spike dup, rec	5/3/2021	Metal	Selenium	Total	=	97	%	EPA 200.8	-88	-88	70	130	
2020/21-4	MO-FIL	matrix spike, RPD	5/3/2021	Metal	Selenium	Total	=	0.8	%	EPA 200.8	-88	-88	0	30	
2020/21-4	MO-HUE	matrix spike	5/20/2021	Metal	Selenium	Total	=	47.3	µg/L	EPA 200.8	0.067	0.4			
2020/21-4	MO-HUE	matrix spike, rec	5/20/2021	Metal	Selenium	Total	=	94	%	EPA 200.8	-88	-88	70	130	
2020/21-4	MO-HUE	matrix spike dup	5/20/2021	Metal	Selenium	Total	=	47.5	µg/L	EPA 200.8	0.067	0.4			
2020/21-4	MO-HUE	matrix spike dup, rec	5/20/2021	Metal	Selenium	Total	=	95	%	EPA 200.8	-88	-88	70	130	
2020/21-4	MO-HUE	matrix spike, RPD	5/20/2021	Metal	Selenium	Total	=	0.3	%	EPA 200.8	-88	-88	0	30	
2020/21-4	MO-OJA	matrix spike	5/18/2021	Metal	Selenium	Total	=	56.7	µg/L	EPA 200.8	0.067	0.4			
2020/21-4	MO-OJA	matrix spike, rec	5/18/2021	Metal	Selenium	Total	=	98	%	EPA 200.8	-88	-88	70	130	
2020/21-4	MO-OJA	matrix spike dup	5/18/2021	Metal	Selenium	Total	=	56.8	µg/L	EPA 200.8	0.067	0.4			
2020/21-4	MO-OJA	matrix spike dup, rec	5/18/2021	Metal	Selenium	Total	=	98	%	EPA 200.8	-88	-88	70	130	
2020/21-4	MO-OJA	matrix spike, RPD	5/18/2021	Metal	Selenium	Total	=	0.2	%	EPA 200.8	-88	-88	0	30	
2020/21-4	MO-THO	matrix spike	5/4/2021	Metal	Selenium	Total	=	49.7	µg/L	EPA 200.8	0.067	0.4			
2020/21-4	MO-THO	matrix spike, rec	5/4/2021	Metal	Selenium	Total	=	98	%	EPA 200.8	-88	-88	70	130	
2020/21-4	MO-THO	matrix spike dup	5/4/2021	Metal	Selenium	Total	=	50	µg/L	EPA 200.8	0.067	0.4			
2020/21-4	MO-THO	matrix spike dup, rec	5/4/2021	Metal	Selenium	Total	=	99	%	EPA 200.8	-88	-88	70	130	
2020/21-4	MO-THO	matrix spike, RPD	5/4/2021	Metal	Selenium	Total	=	0.5	%	EPA 200.8	-88	-88	0	30	
2020/21-4	Lab	method blank	5/3/2021	Metal	Silver	Dissolved	<	0.03	µg/L	EPA 200.8	0.03	0.2			
2020/21-4	Lab	LCS	5/3/2021	Metal	Silver	Dissolved	=	52.2	µg/L	EPA 200.8	0.03	0.2			
2020/21-4	Lab	LCS, rec	5/3/2021	Metal	Silver	Dissolved	=	104	%	EPA 200.8	-88	-88	85	115	
2020/21-4	Lab	method blank	5/4/2021	Metal	Silver	Dissolved	<	0.03	µg/L	EPA 200.8	0.03	0.2			
2020/21-4	Lab	LCS	5/4/2021	Metal	Silver	Dissolved	=	52.3	µg/L	EPA 200.8	0.03	0.2			
2020/21-4	Lab	LCS, rec	5/4/2021	Metal	Silver	Dissolved	=	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	
2020/21-4	Lab	method blank	5/18/2021	Metal	Silver	Dissolved	<	0.03	µg/L	EPA 200.8	0.03	0.2			
2020/21-4	Lab	LCS	5/18/2021	Metal	Silver	Dissolved	=	52.1	µg/L	EPA 200.8	0.03	0.2			
2020/21-4	Lab	LCS, rec	5/18/2021	Metal	Silver	Dissolved	=	104	%	EPA 200.8	-88	-88	85	115	
2020/21-4	Lab	method blank	5/20/2021	Metal	Silver	Dissolved	<	0.03	µg/L	EPA 200.8	0.03	0.2			
2020/21-4	Lab	method blank	5/20/2021	Metal	Silver	Dissolved	<	0.03	µg/L	EPA 200.8	0.03	0.2			
2020/21-4	Lab	LCS	5/20/2021	Metal	Silver	Dissolved	=	51.7	µg/L	EPA 200.8	0.03	0.2			
2020/21-4	Lab	LCS, rec	5/20/2021	Metal	Silver	Dissolved	=	103	%	EPA 200.8	-88	-88	85	115	
2020/21-4	Lab	method blank	5/3/2021	Metal	Silver	Total	<	0.03	µg/L	EPA 200.8	0.03	0.2			
2020/21-4	Lab	LCS	5/3/2021	Metal	Silver	Total	=	52.2	µg/L	EPA 200.8	0.03	0.2			
2020/21-4	Lab	LCS, rec	5/3/2021	Metal	Silver	Total	=	104	%	EPA 200.8	-88	-88	85	115	
2020/21-4	Lab	method blank	5/4/2021	Metal	Silver	Total	<	0.03	µg/L	EPA 200.8	0.03	0.2			
2020/21-4	Lab	LCS	5/4/2021	Metal	Silver	Total	=	52.3	µg/L	EPA 200.8	0.03	0.2			
2020/21-4	Lab	LCS, rec	5/4/2021	Metal	Silver	Total	=	105	%	EPA 200.8	-88	-88	85	115	
2020/21-4	Lab	method blank	5/18/2021	Metal	Silver	Total	<	0.03	µg/L	EPA 200.8	0.03	0.2			
2020/21-4	Lab	LCS	5/18/2021	Metal	Silver	Total	=	52.1	µg/L	EPA 200.8	0.03	0.2			
2020/21-4	Lab	LCS, rec	5/18/2021	Metal	Silver	Total	=	104	%	EPA 200.8	-88	-88	85	115	
2020/21-4	Lab	method blank	5/20/2021	Metal	Silver	Total	<	0.03	µg/L	EPA 200.8	0.03	0.2			
2020/21-4	Lab	method blank	5/20/2021	Metal	Silver	Total	<	0.03	µg/L	EPA 200.8	0.03	0.2			
2020/21-4	Lab	LCS	5/20/2021	Metal	Silver	Total	=	51.7	µg/L	EPA 200.8	0.03	0.2			
2020/21-4	Lab	LCS, rec	5/20/2021	Metal	Silver	Total	=	103	%	EPA 200.8	-88	-88	85	115	
2020/21-4	MO-FIL	matrix spike	5/3/2021	Metal	Silver	Total	=	49.5	µg/L	EPA 200.8	0.03	0.2			
2020/21-4	MO-FIL	matrix spike, rec	5/3/2021	Metal	Silver	Total	=	99	%	EPA 200.8	-88	-88	70	130	
2020/21-4	MO-FIL	matrix spike dup	5/3/2021	Metal	Silver	Total	=	50.3	µg/L	EPA 200.8	0.03	0.2			
2020/21-4	MO-FIL	matrix spike dup, rec	5/3/2021	Metal	Silver	Total	=	101	%	EPA 200.8	-88	-88	70	130	
2020/21-4	MO-FIL	matrix spike, RPD	5/3/2021	Metal	Silver	Total	=	2	%	EPA 200.8	-88	-88	0	30	
2020/21-4	MO-HUE	matrix spike	5/20/2021	Metal	Silver	Total	=	45.6	µg/L	EPA 200.8	0.03	0.2			
2020/21-4	MO-HUE	matrix spike, rec	5/20/2021	Metal	Silver	Total	=	91	%	EPA 200.8	-88	-88	70	130	
2020/21-4	MO-HUE	matrix spike dup	5/20/2021	Metal	Silver	Total	=	46	µg/L	EPA 200.8	0.03	0.2			
2020/21-4	MO-HUE	matrix spike dup, rec	5/20/2021	Metal	Silver	Total	=	92	%	EPA 200.8	-88	-88	70	130	
2020/21-4	MO-HUE	matrix spike, RPD	5/20/2021	Metal	Silver	Total	=	1	%	EPA 200.8	-88	-88	0	30	
2020/21-4	MO-OJA	matrix spike	5/18/2021	Metal	Silver	Total	=	50.1	µg/L	EPA 200.8	0.03	0.2			
2020/21-4	MO-OJA	matrix spike, rec	5/18/2021	Metal	Silver	Total	=	100	%	EPA 200.8	-88	-88	70	130	
2020/21-4	MO-OJA	matrix spike dup	5/18/2021	Metal	Silver	Total	=	50.5	µg/L	EPA 200.8	0.03	0.2			
2020/21-4	MO-OJA	matrix spike dup, rec	5/18/2021	Metal	Silver	Total	=	101	%	EPA 200.8	-88	-88	70	130	
2020/21-4	MO-OJA	matrix spike, RPD	5/18/2021	Metal	Silver	Total	=	0.9	%	EPA 200.8	-88	-88	0	30	
2020/21-4	MO-THO	matrix spike	5/4/2021	Metal	Silver	Total	=	49.8	µg/L	EPA 200.8	0.03	0.2			
2020/21-4	MO-THO	matrix spike, rec	5/4/2021	Metal	Silver	Total	=	100	%	EPA 200.8	-88	-88	70	130	
2020/21-4	MO-THO	matrix spike dup	5/4/2021	Metal	Silver	Total	=	50.3	µg/L	EPA 200.8	0.03	0.2			
2020/21-4	MO-THO	matrix spike dup, rec	5/4/2021	Metal	Silver	Total	=	101	%	EPA 200.8	-88	-88	70	130	
2020/21-4	MO-THO	matrix spike, RPD	5/4/2021	Metal	Silver	Total	=	0.9	%	EPA 200.8	-88	-88	0	30	
2020/21-4	Lab	method blank	5/3/2021	Metal	Thallium	Dissolved	<	0.021	µg/L	EPA 200.8	0.021	0.2			
2020/21-4	Lab	LCS	5/3/2021	Metal	Thallium	Dissolved	=	49.3	µg/L	EPA 200.8	0.021	0.2			
2020/21-4	Lab	LCS, rec	5/3/2021	Metal	Thallium	Dissolved	=	99	%	EPA 200.8	-88	-88	85	115	
2020/21-4	Lab	method blank	5/4/2021	Metal	Thallium	Dissolved	<	0.021	µg/L	EPA 200.8	0.021	0.2			
2020/21-4	Lab	LCS	5/4/2021	Metal	Thallium	Dissolved	=	51	µg/L	EPA 200.8	0.021	0.2			
2020/21-4	Lab	LCS, rec	5/4/2021	Metal	Thallium	Dissolved	=	102	%	EPA 200.8	-88	-88	85	115	
2020/21-4	Lab	method blank	5/18/2021	Metal	Thallium	Dissolved	<	0.021	µg/L	EPA 200.8	0.021	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	
2020/21-4	Lab	LCS	5/18/2021	Metal	Thallium	Dissolved	=	50.7	µg/L	EPA 200.8	0.021	0.2			
2020/21-4	Lab	LCS, rec	5/18/2021	Metal	Thallium	Dissolved	=	102	%	EPA 200.8	-88	-88	85	115	
2020/21-4	Lab	method blank	5/20/2021	Metal	Thallium	Dissolved	<	0.021	µg/L	EPA 200.8	0.021	0.2			
2020/21-4	Lab	method blank	5/20/2021	Metal	Thallium	Dissolved	<	0.021	µg/L	EPA 200.8	0.021	0.2			
2020/21-4	Lab	LCS	5/20/2021	Metal	Thallium	Dissolved	=	50.5	µg/L	EPA 200.8	0.021	0.2			
2020/21-4	Lab	LCS, rec	5/20/2021	Metal	Thallium	Dissolved	=	101	%	EPA 200.8	-88	-88	85	115	
2020/21-4	Lab	method blank	5/3/2021	Metal	Thallium	Total	<	0.021	µg/L	EPA 200.8	0.021	0.2			
2020/21-4	Lab	LCS	5/3/2021	Metal	Thallium	Total	=	49.3	µg/L	EPA 200.8	0.021	0.2			
2020/21-4	Lab	LCS, rec	5/3/2021	Metal	Thallium	Total	=	99	%	EPA 200.8	-88	-88	85	115	
2020/21-4	Lab	method blank	5/4/2021	Metal	Thallium	Total	<	0.021	µg/L	EPA 200.8	0.021	0.2			
2020/21-4	Lab	LCS	5/4/2021	Metal	Thallium	Total	=	51	µg/L	EPA 200.8	0.021	0.2			
2020/21-4	Lab	LCS, rec	5/4/2021	Metal	Thallium	Total	=	102	%	EPA 200.8	-88	-88	85	115	
2020/21-4	Lab	method blank	5/18/2021	Metal	Thallium	Total	<	0.021	µg/L	EPA 200.8	0.021	0.2			
2020/21-4	Lab	LCS	5/18/2021	Metal	Thallium	Total	=	50.7	µg/L	EPA 200.8	0.021	0.2			
2020/21-4	Lab	LCS, rec	5/18/2021	Metal	Thallium	Total	=	102	%	EPA 200.8	-88	-88	85	115	
2020/21-4	Lab	method blank	5/20/2021	Metal	Thallium	Total	<	0.021	µg/L	EPA 200.8	0.021	0.2			
2020/21-4	Lab	method blank	5/20/2021	Metal	Thallium	Total	<	0.021	µg/L	EPA 200.8	0.021	0.2			
2020/21-4	Lab	LCS	5/20/2021	Metal	Thallium	Total	=	50.5	µg/L	EPA 200.8	0.021	0.2			
2020/21-4	Lab	LCS, rec	5/20/2021	Metal	Thallium	Total	=	101	%	EPA 200.8	-88	-88	85	115	
2020/21-4	MO-FIL	matrix spike	5/3/2021	Metal	Thallium	Total	=	50.2	µg/L	EPA 200.8	0.021	0.2			
2020/21-4	MO-FIL	matrix spike, rec	5/3/2021	Metal	Thallium	Total	=	100	%	EPA 200.8	-88	-88	70	130	
2020/21-4	MO-FIL	matrix spike dup	5/3/2021	Metal	Thallium	Total	=	50.9	µg/L	EPA 200.8	0.021	0.2			
2020/21-4	MO-FIL	matrix spike dup, rec	5/3/2021	Metal	Thallium	Total	=	102	%	EPA 200.8	-88	-88	70	130	
2020/21-4	MO-FIL	matrix spike, RPD	5/3/2021	Metal	Thallium	Total	=	1	%	EPA 200.8	-88	-88	0	30	
2020/21-4	MO-HUE	matrix spike	5/20/2021	Metal	Thallium	Total	=	51.4	µg/L	EPA 200.8	0.021	0.2			
2020/21-4	MO-HUE	matrix spike, rec	5/20/2021	Metal	Thallium	Total	=	103	%	EPA 200.8	-88	-88	70	130	
2020/21-4	MO-HUE	matrix spike dup	5/20/2021	Metal	Thallium	Total	=	51.8	µg/L	EPA 200.8	0.021	0.2			
2020/21-4	MO-HUE	matrix spike dup, rec	5/20/2021	Metal	Thallium	Total	=	104	%	EPA 200.8	-88	-88	70	130	
2020/21-4	MO-HUE	matrix spike, RPD	5/20/2021	Metal	Thallium	Total	=	0.9	%	EPA 200.8	-88	-88	0	30	
2020/21-4	MO-OJA	matrix spike	5/18/2021	Metal	Thallium	Total	=	51.6	µg/L	EPA 200.8	0.021	0.2			
2020/21-4	MO-OJA	matrix spike, rec	5/18/2021	Metal	Thallium	Total	=	103	%	EPA 200.8	-88	-88	70	130	
2020/21-4	MO-OJA	matrix spike dup	5/18/2021	Metal	Thallium	Total	=	51.5	µg/L	EPA 200.8	0.021	0.2			
2020/21-4	MO-OJA	matrix spike dup, rec	5/18/2021	Metal	Thallium	Total	=	103	%	EPA 200.8	-88	-88	70	130	
2020/21-4	MO-OJA	matrix spike, RPD	5/18/2021	Metal	Thallium	Total	=	0.2	%	EPA 200.8	-88	-88	0	30	
2020/21-4	MO-THO	matrix spike	5/4/2021	Metal	Thallium	Total	=	51.6	µg/L	EPA 200.8	0.021	0.2			
2020/21-4	MO-THO	matrix spike, rec	5/4/2021	Metal	Thallium	Total	=	103	%	EPA 200.8	-88	-88	70	130	
2020/21-4	MO-THO	matrix spike dup	5/4/2021	Metal	Thallium	Total	=	52.1	µg/L	EPA 200.8	0.021	0.2			
2020/21-4	MO-THO	matrix spike dup, rec	5/4/2021	Metal	Thallium	Total	=	104	%	EPA 200.8	-88	-88	70	130	
2020/21-4	MO-THO	matrix spike, RPD	5/4/2021	Metal	Thallium	Total	=	1	%	EPA 200.8	-88	-88	0	30	
2020/21-4	Lab	method blank	5/3/2021	Metal	Zinc	Dissolved	DNQ	1.32	µg/L	EPA 200.8	0.8	10			IP
2020/21-4	Lab	LCS	5/3/2021	Metal	Zinc	Dissolved	=	49.9	µg/L	EPA 200.8	0.8	10			
2020/21-4	Lab	LCS, rec	5/3/2021	Metal	Zinc	Dissolved	=	100	%	EPA 200.8	-88	-88	85	115	
2020/21-4	Lab	method blank	5/4/2021	Metal	Zinc	Dissolved	<	0.8	µg/L	EPA 200.8	0.8	10			
2020/21-4	Lab	LCS	5/4/2021	Metal	Zinc	Dissolved	=	51.9	µg/L	EPA 200.8	0.8	10			
2020/21-4	Lab	LCS, rec	5/4/2021	Metal	Zinc	Dissolved	=	104	%	EPA 200.8	-88	-88	85	115	
2020/21-4	Lab	method blank	5/18/2021	Metal	Zinc	Dissolved	<	0.8	µg/L	EPA 200.8	0.8	10			
2020/21-4	Lab	LCS	5/18/2021	Metal	Zinc	Dissolved	=	51.6	µg/L	EPA 200.8	0.8	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	
2020/21-4	Lab	LCS, rec	5/18/2021	Metal	Zinc	Dissolved	=	103	%	EPA 200.8	-88	-88	85	115	
2020/21-4	Lab	method blank	5/20/2021	Metal	Zinc	Dissolved	<	0.8	µg/L	EPA 200.8	0.8	10			
2020/21-4	Lab	method blank	5/20/2021	Metal	Zinc	Dissolved	<	0.8	µg/L	EPA 200.8	0.8	10			
2020/21-4	Lab	LCS	5/20/2021	Metal	Zinc	Dissolved	=	51.1	µg/L	EPA 200.8	0.8	10			
2020/21-4	Lab	LCS, rec	5/20/2021	Metal	Zinc	Dissolved	=	102	%	EPA 200.8	-88	-88	85	115	
2020/21-4	Lab	method blank	5/3/2021	Metal	Zinc	Total	<	0.8	µg/L	EPA 200.8	0.8	10			
2020/21-4	Lab	LCS	5/3/2021	Metal	Zinc	Total	=	49.9	µg/L	EPA 200.8	0.8	10			
2020/21-4	Lab	LCS, rec	5/3/2021	Metal	Zinc	Total	=	100	%	EPA 200.8	-88	-88	85	115	
2020/21-4	Lab	method blank	5/4/2021	Metal	Zinc	Total	<	0.8	µg/L	EPA 200.8	0.8	10			
2020/21-4	Lab	LCS	5/4/2021	Metal	Zinc	Total	=	51.9	µg/L	EPA 200.8	0.8	10			
2020/21-4	Lab	LCS, rec	5/4/2021	Metal	Zinc	Total	=	104	%	EPA 200.8	-88	-88	85	115	
2020/21-4	Lab	method blank	5/18/2021	Metal	Zinc	Total	<	0.8	µg/L	EPA 200.8	0.8	10			
2020/21-4	Lab	LCS	5/18/2021	Metal	Zinc	Total	=	51.6	µg/L	EPA 200.8	0.8	10			
2020/21-4	Lab	LCS, rec	5/18/2021	Metal	Zinc	Total	=	103	%	EPA 200.8	-88	-88	85	115	
2020/21-4	Lab	method blank	5/20/2021	Metal	Zinc	Total	<	0.8	µg/L	EPA 200.8	0.8	10			
2020/21-4	Lab	method blank	5/20/2021	Metal	Zinc	Total	<	0.8	µg/L	EPA 200.8	0.8	10			
2020/21-4	Lab	LCS	5/20/2021	Metal	Zinc	Total	=	51.1	µg/L	EPA 200.8	0.8	10			
2020/21-4	Lab	LCS, rec	5/20/2021	Metal	Zinc	Total	=	102	%	EPA 200.8	-88	-88	85	115	
2020/21-4	MO-FIL	matrix spike	5/3/2021	Metal	Zinc	Total	=	52.3	µg/L	EPA 200.8	0.8	10			
2020/21-4	MO-FIL	matrix spike, rec	5/3/2021	Metal	Zinc	Total	=	91	%	EPA 200.8	-88	-88	70	130	
2020/21-4	MO-FIL	matrix spike dup	5/3/2021	Metal	Zinc	Total	=	52.3	µg/L	EPA 200.8	0.8	10			
2020/21-4	MO-FIL	matrix spike dup, rec	5/3/2021	Metal	Zinc	Total	=	91	%	EPA 200.8	-88	-88	70	130	
2020/21-4	MO-FIL	matrix spike, RPD	5/3/2021	Metal	Zinc	Total	=	0.2	%	EPA 200.8	-88	-88	0	30	
2020/21-4	MO-HUE	matrix spike	5/20/2021	Metal	Zinc	Total	=	46.9	µg/L	EPA 200.8	0.8	10			
2020/21-4	MO-HUE	matrix spike, rec	5/20/2021	Metal	Zinc	Total	=	91	%	EPA 200.8	-88	-88	70	130	
2020/21-4	MO-HUE	matrix spike dup	5/20/2021	Metal	Zinc	Total	=	46	µg/L	EPA 200.8	0.8	10			
2020/21-4	MO-HUE	matrix spike dup, rec	5/20/2021	Metal	Zinc	Total	=	89	%	EPA 200.8	-88	-88	70	130	
2020/21-4	MO-HUE	matrix spike, RPD	5/20/2021	Metal	Zinc	Total	=	2	%	EPA 200.8	-88	-88	0	30	
2020/21-4	MO-OJA	matrix spike	5/18/2021	Metal	Zinc	Total	=	129	µg/L	EPA 200.8	0.8	10			
2020/21-4	MO-OJA	matrix spike, rec	5/18/2021	Metal	Zinc	Total	=	100	%	EPA 200.8	-88	-88	70	130	
2020/21-4	MO-OJA	matrix spike dup	5/18/2021	Metal	Zinc	Total	=	128	µg/L	EPA 200.8	0.8	10			
2020/21-4	MO-OJA	matrix spike dup, rec	5/18/2021	Metal	Zinc	Total	=	99	%	EPA 200.8	-88	-88	70	130	
2020/21-4	MO-OJA	matrix spike, RPD	5/18/2021	Metal	Zinc	Total	=	0.5	%	EPA 200.8	-88	-88	0	30	
2020/21-4	MO-THO	matrix spike	5/4/2021	Metal	Zinc	Total	=	59.1	µg/L	EPA 200.8	0.8	10			
2020/21-4	MO-THO	matrix spike, rec	5/4/2021	Metal	Zinc	Total	=	97	%	EPA 200.8	-88	-88	70	130	
2020/21-4	MO-THO	matrix spike dup	5/4/2021	Metal	Zinc	Total	=	59.5	µg/L	EPA 200.8	0.8	10			
2020/21-4	MO-THO	matrix spike dup, rec	5/4/2021	Metal	Zinc	Total	=	98	%	EPA 200.8	-88	-88	70	130	
2020/21-4	MO-THO	matrix spike, RPD	5/4/2021	Metal	Zinc	Total	=	0.6	%	EPA 200.8	-88	-88	0	30	
2020/21-4	000NONPJ	matrix spike	4/29/2021	Nutrient	Ammonia as N	n/a	=	0.249	mg/L	EPA 350.1	0.047	0.1			
2020/21-4	000NONPJ	matrix spike, rec	4/29/2021	Nutrient	Ammonia as N	n/a	=	100	%	EPA 350.1	-88	-88	90	110	
2020/21-4	000NONPJ	matrix spike dup	4/29/2021	Nutrient	Ammonia as N	n/a	=	0.249	mg/L	EPA 350.1	0.047	0.1			
2020/21-4	000NONPJ	matrix spike dup, rec	4/29/2021	Nutrient	Ammonia as N	n/a	=	99	%	EPA 350.1	-88	-88	90	110	
2020/21-4	000NONPJ	matrix spike, RPD	4/29/2021	Nutrient	Ammonia as N	n/a	=	0.1	%	EPA 350.1	-88	-88	0	15	
2020/21-4	000NONPJ	matrix spike	4/29/2021	Nutrient	Ammonia as N	n/a	=	0.252	mg/L	EPA 350.1	0.047	0.1			
2020/21-4	000NONPJ	matrix spike, rec	4/29/2021	Nutrient	Ammonia as N	n/a	=	101	%	EPA 350.1	-88	-88	90	110	
2020/21-4	000NONPJ	matrix spike dup	4/29/2021	Nutrient	Ammonia as N	n/a	=	0.254	mg/L	EPA 350.1	0.047	0.1			
2020/21-4	000NONPJ	matrix spike dup, rec	4/29/2021	Nutrient	Ammonia as N	n/a	=	101	%	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	
2020/21-4	000NONPJ	matrix spike, RPD	4/29/2021	Nutrient	Ammonia as N	n/a	=	0.6	%	EPA 350.1	-88	-88	0	15	
2020/21-4	000NONPJ	matrix spike	5/6/2021	Nutrient	Ammonia as N	n/a	=	0.279	mg/L	EPA 350.1	0.047	0.1			GB
2020/21-4	000NONPJ	matrix spike, rec	5/6/2021	Nutrient	Ammonia as N	n/a	=	112	%	EPA 350.1	-88	-88	90	110	GB
2020/21-4	000NONPJ	matrix spike dup	5/6/2021	Nutrient	Ammonia as N	n/a	=	0.278	mg/L	EPA 350.1	0.047	0.1			GB
2020/21-4	000NONPJ	matrix spike dup, rec	5/6/2021	Nutrient	Ammonia as N	n/a	=	111	%	EPA 350.1	-88	-88	90	110	GB
2020/21-4	000NONPJ	matrix spike, RPD	5/6/2021	Nutrient	Ammonia as N	n/a	=	0.4	%	EPA 350.1	-88	-88	0	15	
2020/21-4	000NONPJ	matrix spike	5/6/2021	Nutrient	Ammonia as N	n/a	=	0.248	mg/L	EPA 350.1	0.047	0.1			
2020/21-4	000NONPJ	matrix spike, rec	5/6/2021	Nutrient	Ammonia as N	n/a	=	99	%	EPA 350.1	-88	-88	90	110	
2020/21-4	000NONPJ	matrix spike dup	5/6/2021	Nutrient	Ammonia as N	n/a	=	0.245	mg/L	EPA 350.1	0.047	0.1			
2020/21-4	000NONPJ	matrix spike dup, rec	5/6/2021	Nutrient	Ammonia as N	n/a	=	98	%	EPA 350.1	-88	-88	90	110	
2020/21-4	000NONPJ	matrix spike, RPD	5/6/2021	Nutrient	Ammonia as N	n/a	=	1	%	EPA 350.1	-88	-88	0	15	
2020/21-4	000NONPJ	matrix spike	5/18/2021	Nutrient	Ammonia as N	n/a	=	0.596	mg/L	EPA 350.1	0.047	0.1			
2020/21-4	000NONPJ	matrix spike, rec	5/18/2021	Nutrient	Ammonia as N	n/a	=	99	%	EPA 350.1	-88	-88	90	110	
2020/21-4	000NONPJ	matrix spike dup	5/18/2021	Nutrient	Ammonia as N	n/a	=	0.601	mg/L	EPA 350.1	0.047	0.1			
2020/21-4	000NONPJ	matrix spike dup, rec	5/18/2021	Nutrient	Ammonia as N	n/a	=	101	%	EPA 350.1	-88	-88	90	110	
2020/21-4	000NONPJ	matrix spike, RPD	5/18/2021	Nutrient	Ammonia as N	n/a	=	0.9	%	EPA 350.1	-88	-88	0	15	
2020/21-4	000NONPJ	matrix spike	5/18/2021	Nutrient	Ammonia as N	n/a	=	0.262	mg/L	EPA 350.1	0.047	0.1			
2020/21-4	000NONPJ	matrix spike, rec	5/18/2021	Nutrient	Ammonia as N	n/a	=	105	%	EPA 350.1	-88	-88	90	110	
2020/21-4	000NONPJ	matrix spike dup	5/18/2021	Nutrient	Ammonia as N	n/a	=	0.261	mg/L	EPA 350.1	0.047	0.1			
2020/21-4	000NONPJ	matrix spike dup, rec	5/18/2021	Nutrient	Ammonia as N	n/a	=	105	%	EPA 350.1	-88	-88	90	110	
2020/21-4	000NONPJ	matrix spike, RPD	5/18/2021	Nutrient	Ammonia as N	n/a	=	0.3	%	EPA 350.1	-88	-88	0	15	
2020/21-4	000NONPJ	lab duplicate	5/18/2021	Nutrient	Ammonia as N	n/a	<	0.047	mg/L	EPA 350.1	0.047	0.1		15	
2020/21-4	Lab	method blank	4/29/2021	Nutrient	Ammonia as N	n/a	<	0.047	mg/L	EPA 350.1	0.047	0.1			
2020/21-4	Lab	LCS	4/29/2021	Nutrient	Ammonia as N	n/a	=	0.244	mg/L	EPA 350.1	0.047	0.1			
2020/21-4	Lab	LCS, rec	4/29/2021	Nutrient	Ammonia as N	n/a	=	98	%	EPA 350.1	-88	-88	90	110	
2020/21-4	Lab	method blank	4/29/2021	Nutrient	Ammonia as N	n/a	<	0.047	mg/L	EPA 350.1	0.047	0.1			
2020/21-4	Lab	LCS	4/29/2021	Nutrient	Ammonia as N	n/a	=	0.247	mg/L	EPA 350.1	0.047	0.1			
2020/21-4	Lab	LCS, rec	4/29/2021	Nutrient	Ammonia as N	n/a	=	99	%	EPA 350.1	-88	-88	90	110	
2020/21-4	Lab	method blank	5/6/2021	Nutrient	Ammonia as N	n/a	<	0.047	mg/L	EPA 350.1	0.047	0.1			
2020/21-4	Lab	LCS	5/6/2021	Nutrient	Ammonia as N	n/a	=	0.247	mg/L	EPA 350.1	0.047	0.1			
2020/21-4	Lab	LCS, rec	5/6/2021	Nutrient	Ammonia as N	n/a	=	99	%	EPA 350.1	-88	-88	90	110	
2020/21-4	Lab	method blank	5/6/2021	Nutrient	Ammonia as N	n/a	<	0.047	mg/L	EPA 350.1	0.047	0.1			
2020/21-4	Lab	LCS	5/6/2021	Nutrient	Ammonia as N	n/a	=	0.239	mg/L	EPA 350.1	0.047	0.1			
2020/21-4	Lab	LCS, rec	5/6/2021	Nutrient	Ammonia as N	n/a	=	95	%	EPA 350.1	-88	-88	90	110	
2020/21-4	Lab	method blank	5/18/2021	Nutrient	Ammonia as N	n/a	<	0.047	mg/L	EPA 350.1	0.047	0.1			
2020/21-4	Lab	LCS	5/18/2021	Nutrient	Ammonia as N	n/a	=	0.265	mg/L	EPA 350.1	0.047	0.1			
2020/21-4	Lab	LCS, rec	5/18/2021	Nutrient	Ammonia as N	n/a	=	106	%	EPA 350.1	-88	-88	90	110	
2020/21-4	Lab	method blank	5/18/2021	Nutrient	Ammonia as N	n/a	<	0.047	mg/L	EPA 350.1	0.047	0.1			
2020/21-4	Lab	LCS	5/18/2021	Nutrient	Ammonia as N	n/a	=	0.275	mg/L	EPA 350.1	0.047	0.1			
2020/21-4	Lab	LCS, rec	5/18/2021	Nutrient	Ammonia as N	n/a	=	110	%	EPA 350.1	-88	-88	90	110	
2020/21-4	000NONPJ	matrix spike	4/28/2021	Nutrient	Nitrate + Nitrite as N	n/a	=	5.31	mg/L	EPA 353.2	0.036	0.2			
2020/21-4	000NONPJ	matrix spike, rec	4/28/2021	Nutrient	Nitrate + Nitrite as N	n/a	=	102	%	EPA 353.2	-88	-88	90	110	
2020/21-4	000NONPJ	matrix spike dup	4/28/2021	Nutrient	Nitrate + Nitrite as N	n/a	=	5.32	mg/L	EPA 353.2	0.036	0.2			
2020/21-4	000NONPJ	matrix spike dup, rec	4/28/2021	Nutrient	Nitrate + Nitrite as N	n/a	=	102	%	EPA 353.2	-88	-88	90	110	
2020/21-4	000NONPJ	matrix spike, RPD	4/28/2021	Nutrient	Nitrate + Nitrite as N	n/a	=	0.2	%	EPA 353.2	-88	-88	0	20	
2020/21-4	000NONPJ	matrix spike	4/28/2021	Nutrient	Nitrate + Nitrite as N	n/a	=	3.8	mg/L	EPA 353.2	0.036	0.2			
2020/21-4	000NONPJ	matrix spike, rec	4/28/2021	Nutrient	Nitrate + Nitrite as N	n/a	=	104	%	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	
2020/21-4	000NONPJ	matrix spike dup	4/28/2021	Nutrient	Nitrate + Nitrite as N	n/a	=	3.8	mg/L	EPA 353.2	0.036	0.2			
2020/21-4	000NONPJ	matrix spike dup, rec	4/28/2021	Nutrient	Nitrate + Nitrite as N	n/a	=	104	%	EPA 353.2	-88	-88	90	110	
2020/21-4	000NONPJ	matrix spike, RPD	4/28/2021	Nutrient	Nitrate + Nitrite as N	n/a	=	0	%	EPA 353.2	-88	-88	0	20	
2020/21-4	000NONPJ	matrix spike	4/29/2021	Nutrient	Nitrate + Nitrite as N	n/a	=	2.96	mg/L	EPA 353.2	0.036	0.2			
2020/21-4	000NONPJ	matrix spike, rec	4/29/2021	Nutrient	Nitrate + Nitrite as N	n/a	=	104	%	EPA 353.2	-88	-88	90	110	
2020/21-4	000NONPJ	matrix spike dup	4/29/2021	Nutrient	Nitrate + Nitrite as N	n/a	=	2.96	mg/L	EPA 353.2	0.036	0.2			
2020/21-4	000NONPJ	matrix spike dup, rec	4/29/2021	Nutrient	Nitrate + Nitrite as N	n/a	=	104	%	EPA 353.2	-88	-88	90	110	
2020/21-4	000NONPJ	matrix spike, RPD	4/29/2021	Nutrient	Nitrate + Nitrite as N	n/a	=	0	%	EPA 353.2	-88	-88	0	20	
2020/21-4	000NONPJ	matrix spike	4/29/2021	Nutrient	Nitrate + Nitrite as N	n/a	=	6.75	mg/L	EPA 353.2	0.036	0.2			
2020/21-4	000NONPJ	matrix spike, rec	4/29/2021	Nutrient	Nitrate + Nitrite as N	n/a	=	105	%	EPA 353.2	-88	-88	90	110	
2020/21-4	000NONPJ	matrix spike dup	4/29/2021	Nutrient	Nitrate + Nitrite as N	n/a	=	6.75	mg/L	EPA 353.2	0.036	0.2			
2020/21-4	000NONPJ	matrix spike dup, rec	4/29/2021	Nutrient	Nitrate + Nitrite as N	n/a	=	105	%	EPA 353.2	-88	-88	90	110	
2020/21-4	000NONPJ	matrix spike, RPD	4/29/2021	Nutrient	Nitrate + Nitrite as N	n/a	=	0	%	EPA 353.2	-88	-88	0	20	
2020/21-4	000NONPJ	matrix spike	5/13/2021	Nutrient	Nitrate + Nitrite as N	n/a	=	9.61	mg/L	EPA 353.2	0.036	0.2			
2020/21-4	000NONPJ	matrix spike, rec	5/13/2021	Nutrient	Nitrate + Nitrite as N	n/a	=	101	%	EPA 353.2	-88	-88	90	110	
2020/21-4	000NONPJ	matrix spike dup	5/13/2021	Nutrient	Nitrate + Nitrite as N	n/a	=	9.55	mg/L	EPA 353.2	0.036	0.2			
2020/21-4	000NONPJ	matrix spike dup, rec	5/13/2021	Nutrient	Nitrate + Nitrite as N	n/a	=	98	%	EPA 353.2	-88	-88	90	110	
2020/21-4	000NONPJ	matrix spike, RPD	5/13/2021	Nutrient	Nitrate + Nitrite as N	n/a	=	0.6	%	EPA 353.2	-88	-88	0	20	
2020/21-4	000NONPJ	matrix spike	5/13/2021	Nutrient	Nitrate + Nitrite as N	n/a	=	4.05	mg/L	EPA 353.2	0.036	0.2			
2020/21-4	000NONPJ	matrix spike, rec	5/13/2021	Nutrient	Nitrate + Nitrite as N	n/a	=	102	%	EPA 353.2	-88	-88	90	110	
2020/21-4	000NONPJ	matrix spike dup	5/13/2021	Nutrient	Nitrate + Nitrite as N	n/a	=	4.05	mg/L	EPA 353.2	0.036	0.2			
2020/21-4	000NONPJ	matrix spike dup, rec	5/13/2021	Nutrient	Nitrate + Nitrite as N	n/a	=	102	%	EPA 353.2	-88	-88	90	110	
2020/21-4	000NONPJ	matrix spike, RPD	5/13/2021	Nutrient	Nitrate + Nitrite as N	n/a	=	0	%	EPA 353.2	-88	-88	0	20	
2020/21-4	000NONPJ	matrix spike	5/13/2021	Nutrient	Nitrate + Nitrite as N	n/a	=	2.01	mg/L	EPA 353.2	0.036	0.2			
2020/21-4	000NONPJ	matrix spike, rec	5/13/2021	Nutrient	Nitrate + Nitrite as N	n/a	=	100	%	EPA 353.2	-88	-88	90	110	
2020/21-4	000NONPJ	matrix spike dup	5/13/2021	Nutrient	Nitrate + Nitrite as N	n/a	=	2.01	mg/L	EPA 353.2	0.036	0.2			
2020/21-4	000NONPJ	matrix spike dup, rec	5/13/2021	Nutrient	Nitrate + Nitrite as N	n/a	=	100	%	EPA 353.2	-88	-88	90	110	
2020/21-4	000NONPJ	matrix spike, RPD	5/13/2021	Nutrient	Nitrate + Nitrite as N	n/a	=	0	%	EPA 353.2	-88	-88	0	20	
2020/21-4	000NONPJ	lab duplicate	5/13/2021	Nutrient	Nitrate + Nitrite as N	n/a	<	0.036	mg/L	EPA 353.2	0.036	0.2		20	
2020/21-4	000NONPJ	matrix spike	5/13/2021	Nutrient	Nitrate + Nitrite as N	n/a	=	2.37	mg/L	EPA 353.2	0.036	0.2			
2020/21-4	000NONPJ	matrix spike, rec	5/13/2021	Nutrient	Nitrate + Nitrite as N	n/a	=	102	%	EPA 353.2	-88	-88	90	110	
2020/21-4	000NONPJ	matrix spike dup	5/13/2021	Nutrient	Nitrate + Nitrite as N	n/a	=	2.36	mg/L	EPA 353.2	0.036	0.2			
2020/21-4	000NONPJ	matrix spike dup, rec	5/13/2021	Nutrient	Nitrate + Nitrite as N	n/a	=	102	%	EPA 353.2	-88	-88	90	110	
2020/21-4	000NONPJ	matrix spike, RPD	5/13/2021	Nutrient	Nitrate + Nitrite as N	n/a	=	0.4	%	EPA 353.2	-88	-88	0	20	
2020/21-4	Lab	method blank	4/28/2021	Nutrient	Nitrate + Nitrite as N	n/a	<	0.036	mg/L	EPA 353.2	0.036	0.2			
2020/21-4	Lab	LCS	4/28/2021	Nutrient	Nitrate + Nitrite as N	n/a	=	1.02	mg/L	EPA 353.2	0.036	0.2			
2020/21-4	Lab	LCS, rec	4/28/2021	Nutrient	Nitrate + Nitrite as N	n/a	=	102	%	EPA 353.2	-88	-88	90	110	
2020/21-4	Lab	method blank	4/29/2021	Nutrient	Nitrate + Nitrite as N	n/a	<	0.036	mg/L	EPA 353.2	0.036	0.2			
2020/21-4	Lab	LCS	4/29/2021	Nutrient	Nitrate + Nitrite as N	n/a	=	1.04	mg/L	EPA 353.2	0.036	0.2			
2020/21-4	Lab	LCS, rec	4/29/2021	Nutrient	Nitrate + Nitrite as N	n/a	=	104	%	EPA 353.2	-88	-88	90	110	
2020/21-4	Lab	method blank	5/13/2021	Nutrient	Nitrate + Nitrite as N	n/a	<	0.036	mg/L	EPA 353.2	0.036	0.2			
2020/21-4	Lab	LCS	5/13/2021	Nutrient	Nitrate + Nitrite as N	n/a	=	1.02	mg/L	EPA 353.2	0.036	0.2			
2020/21-4	Lab	LCS, rec	5/13/2021	Nutrient	Nitrate + Nitrite as N	n/a	=	102	%	EPA 353.2	-88	-88	90	110	
2020/21-4	Lab	method blank	5/13/2021	Nutrient	Nitrate + Nitrite as N	n/a	<	0.036	mg/L	EPA 353.2	0.036	0.2			
2020/21-4	Lab	LCS	5/13/2021	Nutrient	Nitrate + Nitrite as N	n/a	=	1.01	mg/L	EPA 353.2	0.036	0.2			
2020/21-4	Lab	LCS, rec	5/13/2021	Nutrient	Nitrate + Nitrite as N	n/a	=	101	%	EPA 353.2	-88	-88	90	110	
2020/21-4	000NONPJ	matrix spike	4/29/2021	Nutrient	Nitrate as N	n/a	=	2.96	mg/L	EPA 353.2	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	
2020/21-4	000NONPJ	matrix spike, rec	4/29/2021	Nutrient	Nitrate as N	n/a	=	104	%	EPA 353.2	-88	-88	90	110	
2020/21-4	000NONPJ	matrix spike dup	4/29/2021	Nutrient	Nitrate as N	n/a	=	2.96	mg/L	EPA 353.2	0.04	0.2			
2020/21-4	000NONPJ	matrix spike dup, rec	4/29/2021	Nutrient	Nitrate as N	n/a	=	104	%	EPA 353.2	-88	-88	90	110	
2020/21-4	000NONPJ	matrix spike, RPD	4/29/2021	Nutrient	Nitrate as N	n/a	=	0	%	EPA 353.2	-88	-88	0	20	
2020/21-4	000NONPJ	matrix spike	4/29/2021	Nutrient	Nitrate as N	n/a	=	6.75	mg/L	EPA 353.2	0.04	0.2			
2020/21-4	000NONPJ	matrix spike, rec	4/29/2021	Nutrient	Nitrate as N	n/a	=	105	%	EPA 353.2	-88	-88	90	110	
2020/21-4	000NONPJ	matrix spike dup	4/29/2021	Nutrient	Nitrate as N	n/a	=	6.75	mg/L	EPA 353.2	0.04	0.2			
2020/21-4	000NONPJ	matrix spike dup, rec	4/29/2021	Nutrient	Nitrate as N	n/a	=	105	%	EPA 353.2	-88	-88	90	110	
2020/21-4	000NONPJ	matrix spike, RPD	4/29/2021	Nutrient	Nitrate as N	n/a	=	0	%	EPA 353.2	-88	-88	0	20	
2020/21-4	Lab	method blank	4/29/2021	Nutrient	Nitrate as N	n/a	<	0.04	mg/L	EPA 353.2	0.04	0.2			
2020/21-4	Lab	LCS	4/29/2021	Nutrient	Nitrate as N	n/a	=	1.04	mg/L	EPA 353.2	0.04	0.2			
2020/21-4	Lab	LCS, rec	4/29/2021	Nutrient	Nitrate as N	n/a	=	104	%	EPA 353.2	-88	-88	90	110	
2020/21-4	000NONPJ	matrix spike	5/20/2021	Nutrient	Phosphorus as P	Dissolved	=	2.19	mg/L	EPA 200.7	0.018	0.05			
2020/21-4	000NONPJ	matrix spike, rec	5/20/2021	Nutrient	Phosphorus as P	Dissolved	=	97	%	EPA 200.7	-88	-88	70	130	
2020/21-4	000NONPJ	matrix spike dup	5/20/2021	Nutrient	Phosphorus as P	Dissolved	=	2.21	mg/L	EPA 200.7	0.018	0.05			
2020/21-4	000NONPJ	matrix spike dup, rec	5/20/2021	Nutrient	Phosphorus as P	Dissolved	=	98	%	EPA 200.7	-88	-88	70	130	
2020/21-4	000NONPJ	matrix spike, RPD	5/20/2021	Nutrient	Phosphorus as P	Dissolved	=	0.6	%	EPA 200.7	-88	-88	0	30	
2020/21-4	Lab	method blank	5/4/2021	Nutrient	Phosphorus as P	Dissolved	<	0.018	mg/L	EPA 200.7	0.018	0.05			
2020/21-4	Lab	LCS	5/4/2021	Nutrient	Phosphorus as P	Dissolved	=	2.06	mg/L	EPA 200.7	0.018	0.05			
2020/21-4	Lab	LCS, rec	5/4/2021	Nutrient	Phosphorus as P	Dissolved	=	103	%	EPA 200.7	-88	-88	85	115	
2020/21-4	Lab	method blank	5/5/2021	Nutrient	Phosphorus as P	Dissolved	<	0.018	mg/L	EPA 200.7	0.018	0.05			
2020/21-4	Lab	LCS	5/5/2021	Nutrient	Phosphorus as P	Dissolved	=	2.11	mg/L	EPA 200.7	0.018	0.05			
2020/21-4	Lab	LCS, rec	5/5/2021	Nutrient	Phosphorus as P	Dissolved	=	106	%	EPA 200.7	-88	-88	85	115	
2020/21-4	Lab	method blank	5/19/2021	Nutrient	Phosphorus as P	Dissolved	<	0.018	mg/L	EPA 200.7	0.018	0.05			
2020/21-4	Lab	LCS	5/19/2021	Nutrient	Phosphorus as P	Dissolved	=	2.1	mg/L	EPA 200.7	0.018	0.05			
2020/21-4	Lab	LCS, rec	5/19/2021	Nutrient	Phosphorus as P	Dissolved	=	95	%	EPA 200.7	-88	-88	85	115	
2020/21-4	Lab	method blank	5/20/2021	Nutrient	Phosphorus as P	Dissolved	<	0.018	mg/L	EPA 200.7	0.018	0.05			
2020/21-4	Lab	LCS	5/20/2021	Nutrient	Phosphorus as P	Dissolved	=	2.13	mg/L	EPA 200.7	0.018	0.05			
2020/21-4	Lab	LCS, rec	5/20/2021	Nutrient	Phosphorus as P	Dissolved	=	97	%	EPA 200.7	-88	-88	85	115	
2020/21-4	ME-CC	matrix spike	5/4/2021	Nutrient	Phosphorus as P	Dissolved	=	4.53	mg/L	EPA 200.7	0.018	0.05			
2020/21-4	ME-CC	matrix spike, rec	5/4/2021	Nutrient	Phosphorus as P	Dissolved	=	106	%	EPA 200.7	-88	-88	70	130	
2020/21-4	ME-CC	matrix spike dup	5/4/2021	Nutrient	Phosphorus as P	Dissolved	=	4.51	mg/L	EPA 200.7	0.018	0.05			
2020/21-4	ME-CC	matrix spike dup, rec	5/4/2021	Nutrient	Phosphorus as P	Dissolved	=	105	%	EPA 200.7	-88	-88	70	130	
2020/21-4	ME-CC	matrix spike, RPD	5/4/2021	Nutrient	Phosphorus as P	Dissolved	=	0.5	%	EPA 200.7	-88	-88	0	30	
2020/21-4	ME-VR2	matrix spike	5/19/2021	Nutrient	Phosphorus as P	Dissolved	=	2.07	mg/L	EPA 200.7	0.018	0.05			
2020/21-4	ME-VR2	matrix spike, rec	5/19/2021	Nutrient	Phosphorus as P	Dissolved	=	94	%	EPA 200.7	-88	-88	70	130	
2020/21-4	ME-VR2	matrix spike dup	5/19/2021	Nutrient	Phosphorus as P	Dissolved	=	2.1	mg/L	EPA 200.7	0.018	0.05			
2020/21-4	ME-VR2	matrix spike dup, rec	5/19/2021	Nutrient	Phosphorus as P	Dissolved	=	95	%	EPA 200.7	-88	-88	70	130	
2020/21-4	ME-VR2	matrix spike, RPD	5/19/2021	Nutrient	Phosphorus as P	Dissolved	=	1	%	EPA 200.7	-88	-88	0	30	
2020/21-4	000NONPJ	matrix spike	5/5/2021	Nutrient	Phosphorus as P	Total	=	2.11	mg/L	EPA 200.7	0.018	0.05			
2020/21-4	000NONPJ	matrix spike, rec	5/5/2021	Nutrient	Phosphorus as P	Total	=	105	%	EPA 200.7	-88	-88	70	130	
2020/21-4	000NONPJ	matrix spike dup	5/5/2021	Nutrient	Phosphorus as P	Total	=	2.16	mg/L	EPA 200.7	0.018	0.05			
2020/21-4	000NONPJ	matrix spike dup, rec	5/5/2021	Nutrient	Phosphorus as P	Total	=	107	%	EPA 200.7	-88	-88	70	130	
2020/21-4	000NONPJ	matrix spike, RPD	5/5/2021	Nutrient	Phosphorus as P	Total	=	2	%	EPA 200.7	-88	-88	0	30	
2020/21-4	000NONPJ	matrix spike	5/20/2021	Nutrient	Phosphorus as P	Total	=	2.19	mg/L	EPA 200.7	0.018	0.05			
2020/21-4	000NONPJ	matrix spike, rec	5/20/2021	Nutrient	Phosphorus as P	Total	=	97	%	EPA 200.7	-88	-88	70	130	
2020/21-4	000NONPJ	matrix spike dup	5/20/2021	Nutrient	Phosphorus as P	Total	=	2.21	mg/L	EPA 200.7	0.018	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	
2020/21-4	000NONPJ	matrix spike dup, rec	5/20/2021	Nutrient	Phosphorus as P	Total	=	98	%	EPA 200.7	-88	-88	70	130	
2020/21-4	000NONPJ	matrix spike, RPD	5/20/2021	Nutrient	Phosphorus as P	Total	=	0.6	%	EPA 200.7	-88	-88	0	30	
2020/21-4	Lab	method blank	5/4/2021	Nutrient	Phosphorus as P	Total	<	0.018	mg/L	EPA 200.7	0.018	0.05			
2020/21-4	Lab	LCS	5/4/2021	Nutrient	Phosphorus as P	Total	=	2.06	mg/L	EPA 200.7	0.018	0.05			
2020/21-4	Lab	LCS, rec	5/4/2021	Nutrient	Phosphorus as P	Total	=	103	%	EPA 200.7	-88	-88	85	115	
2020/21-4	Lab	method blank	5/5/2021	Nutrient	Phosphorus as P	Total	<	0.018	mg/L	EPA 200.7	0.018	0.05			
2020/21-4	Lab	LCS	5/5/2021	Nutrient	Phosphorus as P	Total	=	2.11	mg/L	EPA 200.7	0.018	0.05			
2020/21-4	Lab	LCS, rec	5/5/2021	Nutrient	Phosphorus as P	Total	=	106	%	EPA 200.7	-88	-88	85	115	
2020/21-4	Lab	method blank	5/19/2021	Nutrient	Phosphorus as P	Total	<	0.018	mg/L	EPA 200.7	0.018	0.05			
2020/21-4	Lab	LCS	5/19/2021	Nutrient	Phosphorus as P	Total	=	2.1	mg/L	EPA 200.7	0.018	0.05			
2020/21-4	Lab	LCS, rec	5/19/2021	Nutrient	Phosphorus as P	Total	=	95	%	EPA 200.7	-88	-88	85	115	
2020/21-4	Lab	method blank	5/20/2021	Nutrient	Phosphorus as P	Total	<	0.018	mg/L	EPA 200.7	0.018	0.05			
2020/21-4	Lab	LCS	5/20/2021	Nutrient	Phosphorus as P	Total	=	2.13	mg/L	EPA 200.7	0.018	0.05			
2020/21-4	Lab	LCS, rec	5/20/2021	Nutrient	Phosphorus as P	Total	=	97	%	EPA 200.7	-88	-88	85	115	
2020/21-4	ME-CC	matrix spike	5/4/2021	Nutrient	Phosphorus as P	Total	=	4.53	mg/L	EPA 200.7	0.018	0.05			
2020/21-4	ME-CC	matrix spike, rec	5/4/2021	Nutrient	Phosphorus as P	Total	=	104	%	EPA 200.7	-88	-88	70	130	
2020/21-4	ME-CC	matrix spike dup	5/4/2021	Nutrient	Phosphorus as P	Total	=	4.51	mg/L	EPA 200.7	0.018	0.05			
2020/21-4	ME-CC	matrix spike dup, rec	5/4/2021	Nutrient	Phosphorus as P	Total	=	103	%	EPA 200.7	-88	-88	70	130	
2020/21-4	ME-CC	matrix spike, RPD	5/4/2021	Nutrient	Phosphorus as P	Total	=	0.5	%	EPA 200.7	-88	-88	0	30	
2020/21-4	ME-VR2	matrix spike	5/19/2021	Nutrient	Phosphorus as P	Total	=	2.07	mg/L	EPA 200.7	0.018	0.05			
2020/21-4	ME-VR2	matrix spike, rec	5/19/2021	Nutrient	Phosphorus as P	Total	=	94	%	EPA 200.7	-88	-88	70	130	
2020/21-4	ME-VR2	matrix spike dup	5/19/2021	Nutrient	Phosphorus as P	Total	=	2.1	mg/L	EPA 200.7	0.018	0.05			
2020/21-4	ME-VR2	matrix spike dup, rec	5/19/2021	Nutrient	Phosphorus as P	Total	=	95	%	EPA 200.7	-88	-88	70	130	
2020/21-4	ME-VR2	matrix spike, RPD	5/19/2021	Nutrient	Phosphorus as P	Total	=	1	%	EPA 200.7	-88	-88	0	30	
2020/21-4	000NONPJ	matrix spike	4/30/2021	Nutrient	TKN	n/a	<	0.065	mg/L	EPA 351.2	0.065	0.1			GB
2020/21-4	000NONPJ	matrix spike, rec	4/30/2021	Nutrient	TKN	n/a	=	0	%	EPA 351.2	-88	-88	90	110	GB
2020/21-4	000NONPJ	matrix spike dup	4/30/2021	Nutrient	TKN	n/a	<	0.065	mg/L	EPA 351.2	0.065	0.1			GB
2020/21-4	000NONPJ	matrix spike dup, rec	4/30/2021	Nutrient	TKN	n/a	=	0	%	EPA 351.2	-88	-88	90	110	GB
2020/21-4	000NONPJ	matrix spike, RPD	4/30/2021	Nutrient	TKN	n/a	=	0	%	EPA 351.2	-88	-88	0	10	
2020/21-4	000NONPJ	matrix spike	4/30/2021	Nutrient	TKN	n/a	=	0.537	mg/L	EPA 351.2	0.065	0.1			GB
2020/21-4	000NONPJ	matrix spike, rec	4/30/2021	Nutrient	TKN	n/a	=	54	%	EPA 351.2	-88	-88	90	110	GB
2020/21-4	000NONPJ	matrix spike dup	4/30/2021	Nutrient	TKN	n/a	=	0.836	mg/L	EPA 351.2	0.065	0.1			GB,IL
2020/21-4	000NONPJ	matrix spike dup, rec	4/30/2021	Nutrient	TKN	n/a	=	84	%	EPA 351.2	-88	-88	90	110	GB,IL
2020/21-4	000NONPJ	matrix spike, RPD	4/30/2021	Nutrient	TKN	n/a	=	44	%	EPA 351.2	-88	-88	0	10	IL
2020/21-4	000NONPJ	matrix spike	5/7/2021	Nutrient	TKN	n/a	=	1.17	mg/L	EPA 351.2	0.065	0.1			
2020/21-4	000NONPJ	matrix spike, rec	5/7/2021	Nutrient	TKN	n/a	=	90	%	EPA 351.2	-88	-88	90	110	
2020/21-4	000NONPJ	matrix spike dup	5/7/2021	Nutrient	TKN	n/a	=	1.2	mg/L	EPA 351.2	0.065	0.1			
2020/21-4	000NONPJ	matrix spike dup, rec	5/7/2021	Nutrient	TKN	n/a	=	93	%	EPA 351.2	-88	-88	90	110	
2020/21-4	000NONPJ	matrix spike, RPD	5/7/2021	Nutrient	TKN	n/a	=	2	%	EPA 351.2	-88	-88	0	10	
2020/21-4	000NONPJ	matrix spike	5/14/2021	Nutrient	TKN	n/a	=	1.28	mg/L	EPA 351.2	0.065	0.1			GB
2020/21-4	000NONPJ	matrix spike, rec	5/14/2021	Nutrient	TKN	n/a	=	83	%	EPA 351.2	-88	-88	90	110	GB
2020/21-4	000NONPJ	matrix spike dup	5/14/2021	Nutrient	TKN	n/a	=	1.37	mg/L	EPA 351.2	0.065	0.1			
2020/21-4	000NONPJ	matrix spike dup, rec	5/14/2021	Nutrient	TKN	n/a	=	92	%	EPA 351.2	-88	-88	90	110	
2020/21-4	000NONPJ	matrix spike, RPD	5/14/2021	Nutrient	TKN	n/a	=	7	%	EPA 351.2	-88	-88	0	10	
2020/21-4	000NONPJ	matrix spike	5/14/2021	Nutrient	TKN	n/a	=	1.17	mg/L	EPA 351.2	0.065	0.1			
2020/21-4	000NONPJ	matrix spike, rec	5/14/2021	Nutrient	TKN	n/a	=	98	%	EPA 351.2	-88	-88	90	110	
2020/21-4	000NONPJ	matrix spike dup	5/14/2021	Nutrient	TKN	n/a	=	1.14	mg/L	EPA 351.2	0.065	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	
2020/21-4	000NONPJ	matrix spike dup, rec	5/14/2021	Nutrient	TKN	n/a	=	95	%	EPA 351.2	-88	-88	90	110	
2020/21-4	000NONPJ	matrix spike, RPD	5/14/2021	Nutrient	TKN	n/a	=	2	%	EPA 351.2	-88	-88	0	10	
2020/21-4	000NONPJ	lab duplicate	5/14/2021	Nutrient	TKN	n/a	=	0.304	mg/L	EPA 351.2	0.065	0.1		10	
2020/21-4	000NONPJ	matrix spike	5/20/2021	Nutrient	TKN	n/a	=	1.46	mg/L	EPA 351.2	0.065	0.1			GB
2020/21-4	000NONPJ	matrix spike, rec	5/20/2021	Nutrient	TKN	n/a	=	89	%	EPA 351.2	-88	-88	90	110	GB
2020/21-4	000NONPJ	matrix spike dup	5/20/2021	Nutrient	TKN	n/a	=	1.37	mg/L	EPA 351.2	0.065	0.1			GB
2020/21-4	000NONPJ	matrix spike dup, rec	5/20/2021	Nutrient	TKN	n/a	=	79	%	EPA 351.2	-88	-88	90	110	GB
2020/21-4	000NONPJ	matrix spike, RPD	5/20/2021	Nutrient	TKN	n/a	=	7	%	EPA 351.2	-88	-88	0	10	
2020/21-4	000NONPJ	matrix spike	5/20/2021	Nutrient	TKN	n/a	=	0.882	mg/L	EPA 351.2	0.065	0.1			GB
2020/21-4	000NONPJ	matrix spike, rec	5/20/2021	Nutrient	TKN	n/a	=	88	%	EPA 351.2	-88	-88	90	110	GB
2020/21-4	000NONPJ	matrix spike dup	5/20/2021	Nutrient	TKN	n/a	=	0.999	mg/L	EPA 351.2	0.065	0.1			IL
2020/21-4	000NONPJ	matrix spike dup, rec	5/20/2021	Nutrient	TKN	n/a	=	100	%	EPA 351.2	-88	-88	90	110	IL
2020/21-4	000NONPJ	matrix spike, RPD	5/20/2021	Nutrient	TKN	n/a	=	12	%	EPA 351.2	-88	-88	0	10	IL
2020/21-4	000NONPJ	lab duplicate	5/20/2021	Nutrient	TKN	n/a	=	0.447	mg/L	EPA 351.2	0.065	0.1		10	
2020/21-4	Lab	method blank	4/30/2021	Nutrient	TKN	n/a	<	0.065	mg/L	EPA 351.2	0.065	0.1			
2020/21-4	Lab	LCS	4/30/2021	Nutrient	TKN	n/a	=	1.02	mg/L	EPA 351.2	0.065	0.1			
2020/21-4	Lab	LCS, rec	4/30/2021	Nutrient	TKN	n/a	=	102	%	EPA 351.2	-88	-88	90	110	
2020/21-4	Lab	method blank	4/30/2021	Nutrient	TKN	n/a	<	0.065	mg/L	EPA 351.2	0.065	0.1			
2020/21-4	Lab	LCS	4/30/2021	Nutrient	TKN	n/a	=	1.01	mg/L	EPA 351.2	0.065	0.1			
2020/21-4	Lab	LCS, rec	4/30/2021	Nutrient	TKN	n/a	=	101	%	EPA 351.2	-88	-88	90	110	
2020/21-4	Lab	method blank	5/7/2021	Nutrient	TKN	n/a	<	0.065	mg/L	EPA 351.2	0.065	0.1			
2020/21-4	Lab	LCS	5/7/2021	Nutrient	TKN	n/a	=	1.09	mg/L	EPA 351.2	0.065	0.1			
2020/21-4	Lab	LCS, rec	5/7/2021	Nutrient	TKN	n/a	=	109	%	EPA 351.2	-88	-88	90	110	
2020/21-4	Lab	method blank	5/7/2021	Nutrient	TKN	n/a	<	0.065	mg/L	EPA 351.2	0.065	0.1			
2020/21-4	Lab	LCS	5/7/2021	Nutrient	TKN	n/a	=	1.02	mg/L	EPA 351.2	0.065	0.1			
2020/21-4	Lab	LCS, rec	5/7/2021	Nutrient	TKN	n/a	=	102	%	EPA 351.2	-88	-88	90	110	
2020/21-4	Lab	method blank	5/14/2021	Nutrient	TKN	n/a	<	0.065	mg/L	EPA 351.2	0.065	0.1			
2020/21-4	Lab	LCS	5/14/2021	Nutrient	TKN	n/a	=	1.06	mg/L	EPA 351.2	0.065	0.1			
2020/21-4	Lab	LCS, rec	5/14/2021	Nutrient	TKN	n/a	=	106	%	EPA 351.2	-88	-88	90	110	
2020/21-4	Lab	method blank	5/14/2021	Nutrient	TKN	n/a	<	0.065	mg/L	EPA 351.2	0.065	0.1			
2020/21-4	Lab	LCS	5/14/2021	Nutrient	TKN	n/a	=	1.02	mg/L	EPA 351.2	0.065	0.1			
2020/21-4	Lab	LCS, rec	5/14/2021	Nutrient	TKN	n/a	=	102	%	EPA 351.2	-88	-88	90	110	
2020/21-4	Lab	method blank	5/20/2021	Nutrient	TKN	n/a	<	0.065	mg/L	EPA 351.2	0.065	0.1			
2020/21-4	Lab	LCS	5/20/2021	Nutrient	TKN	n/a	=	0.911	mg/L	EPA 351.2	0.065	0.1			
2020/21-4	Lab	LCS, rec	5/20/2021	Nutrient	TKN	n/a	=	91	%	EPA 351.2	-88	-88	90	110	
2020/21-4	Lab	method blank	5/20/2021	Nutrient	TKN	n/a	<	0.065	mg/L	EPA 351.2	0.065	0.1			
2020/21-4	Lab	LCS	5/20/2021	Nutrient	TKN	n/a	=	0.988	mg/L	EPA 351.2	0.065	0.1			
2020/21-4	Lab	LCS, rec	5/20/2021	Nutrient	TKN	n/a	=	99	%	EPA 351.2	-88	-88	90	110	
2020/21-4	MO-THO	matrix spike	5/7/2021	Nutrient	TKN	n/a	=	1.99	mg/L	EPA 351.2	0.065	0.1			GB
2020/21-4	MO-THO	matrix spike, rec	5/7/2021	Nutrient	TKN	n/a	=	112	%	EPA 351.2	-88	-88	90	110	GB
2020/21-4	MO-THO	matrix spike dup	5/7/2021	Nutrient	TKN	n/a	=	1.8	mg/L	EPA 351.2	0.065	0.1			
2020/21-4	MO-THO	matrix spike dup, rec	5/7/2021	Nutrient	TKN	n/a	=	93	%	EPA 351.2	-88	-88	90	110	
2020/21-4	MO-THO	matrix spike, RPD	5/7/2021	Nutrient	TKN	n/a	=	10	%	EPA 351.2	-88	-88	0	10	
2020/21-4	Lab	LCS	5/18/2021	Organic	1,2,4-Trichlorobenzene	n/a	=	8.91	µg/L	EPA 625.1	0.49	1			
2020/21-4	Lab	LCS, rec	5/18/2021	Organic	1,2,4-Trichlorobenzene	n/a	=	89	%	EPA 625.1	-88	-88	57	130	
2020/21-4	Lab	LCS dup	5/18/2021	Organic	1,2,4-Trichlorobenzene	n/a	=	7.94	µg/L	EPA 625.1	0.49	1			
2020/21-4	Lab	LCS dup, rec	5/18/2021	Organic	1,2,4-Trichlorobenzene	n/a	=	79	%	EPA 625.1	-88	-88	57	130	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2020/21-4	Lab	LCS, RPD	5/18/2021	Organic	1,2,4-Trichlorobenzene	n/a	=	11	%	EPA 625.1	-88	-88	0	30	
2020/21-4	Lab	method blank	5/18/2021	Organic	1,2,4-Trichlorobenzene	n/a	<	0.49	µg/L	EPA 625.1	0.49	1			
2020/21-4	Lab	LCS	5/25/2021	Organic	1,2,4-Trichlorobenzene	n/a	=	7.33	µg/L	EPA 625.1	0.49	1			
2020/21-4	Lab	LCS, rec	5/25/2021	Organic	1,2,4-Trichlorobenzene	n/a	=	73	%	EPA 625.1	-88	-88	57	130	
2020/21-4	Lab	LCS dup	5/25/2021	Organic	1,2,4-Trichlorobenzene	n/a	=	7.6	µg/L	EPA 625.1	0.49	1			
2020/21-4	Lab	LCS dup, rec	5/25/2021	Organic	1,2,4-Trichlorobenzene	n/a	=	76	%	EPA 625.1	-88	-88	57	130	
2020/21-4	Lab	LCS, RPD	5/25/2021	Organic	1,2,4-Trichlorobenzene	n/a	=	4	%	EPA 625.1	-88	-88	0	30	
2020/21-4	Lab	method blank	5/25/2021	Organic	1,2,4-Trichlorobenzene	n/a	<	0.49	µg/L	EPA 625.1	0.49	1			
2020/21-4	Lab	LCS	5/26/2021	Organic	1,2,4-Trichlorobenzene	n/a	=	9.66	µg/L	EPA 625.1	0.49	1			
2020/21-4	Lab	LCS, rec	5/26/2021	Organic	1,2,4-Trichlorobenzene	n/a	=	97	%	EPA 625.1	-88	-88	57	130	
2020/21-4	Lab	LCS dup	5/26/2021	Organic	1,2,4-Trichlorobenzene	n/a	=	7.26	µg/L	EPA 625.1	0.49	1			
2020/21-4	Lab	LCS dup, rec	5/26/2021	Organic	1,2,4-Trichlorobenzene	n/a	=	73	%	EPA 625.1	-88	-88	57	130	
2020/21-4	Lab	LCS, RPD	5/26/2021	Organic	1,2,4-Trichlorobenzene	n/a	=	28	%	EPA 625.1	-88	-88	0	30	
2020/21-4	Lab	method blank	5/27/2021	Organic	1,2,4-Trichlorobenzene	n/a	<	0.49	µg/L	EPA 625.1	0.49	1			
2020/21-4	Lab	LCS	5/27/2021	Organic	1,2,4-Trichlorobenzene	n/a	=	8.08	µg/L	EPA 625.1	0.49	1			
2020/21-4	Lab	LCS, rec	5/27/2021	Organic	1,2,4-Trichlorobenzene	n/a	=	81	%	EPA 625.1	-88	-88	57	130	
2020/21-4	Lab	LCS dup	5/27/2021	Organic	1,2,4-Trichlorobenzene	n/a	=	8.86	µg/L	EPA 625.1	0.49	1			
2020/21-4	Lab	LCS dup, rec	5/27/2021	Organic	1,2,4-Trichlorobenzene	n/a	=	89	%	EPA 625.1	-88	-88	57	130	
2020/21-4	Lab	LCS, RPD	5/27/2021	Organic	1,2,4-Trichlorobenzene	n/a	=	9	%	EPA 625.1	-88	-88	0	30	
2020/21-4	Lab	method blank	5/27/2021	Organic	1,2,4-Trichlorobenzene	n/a	<	0.49	µg/L	EPA 625.1	0.49	1			
2020/21-4	Lab	LCS	6/1/2021	Organic	1,2,4-Trichlorobenzene	n/a	=	7.43	µg/L	EPA 625.1	0.49	1			
2020/21-4	Lab	LCS, rec	6/1/2021	Organic	1,2,4-Trichlorobenzene	n/a	=	74	%	EPA 625.1	-88	-88	57	130	
2020/21-4	Lab	LCS dup	6/1/2021	Organic	1,2,4-Trichlorobenzene	n/a	=	7.67	µg/L	EPA 625.1	0.49	1			
2020/21-4	Lab	LCS dup, rec	6/1/2021	Organic	1,2,4-Trichlorobenzene	n/a	=	77	%	EPA 625.1	-88	-88	57	130	
2020/21-4	Lab	LCS, RPD	6/1/2021	Organic	1,2,4-Trichlorobenzene	n/a	=	3	%	EPA 625.1	-88	-88	0	30	
2020/21-4	Lab	method blank	6/2/2021	Organic	1,2,4-Trichlorobenzene	n/a	<	0.49	µg/L	EPA 625.1	0.49	1			
2020/21-4	Lab	LCS	5/18/2021	Organic	1,2-Dichlorobenzene	n/a	=	8.3	µg/L	EPA 625.1	0.46	1			
2020/21-4	Lab	LCS, rec	5/18/2021	Organic	1,2-Dichlorobenzene	n/a	=	83	%	EPA 625.1	-88	-88	57	120	
2020/21-4	Lab	LCS dup	5/18/2021	Organic	1,2-Dichlorobenzene	n/a	=	7.56	µg/L	EPA 625.1	0.46	1			
2020/21-4	Lab	LCS dup, rec	5/18/2021	Organic	1,2-Dichlorobenzene	n/a	=	76	%	EPA 625.1	-88	-88	57	120	
2020/21-4	Lab	LCS, RPD	5/18/2021	Organic	1,2-Dichlorobenzene	n/a	=	9	%	EPA 625.1	-88	-88	0	30	
2020/21-4	Lab	method blank	5/18/2021	Organic	1,2-Dichlorobenzene	n/a	<	0.46	µg/L	EPA 625.1	0.46	1			
2020/21-4	Lab	LCS	5/25/2021	Organic	1,2-Dichlorobenzene	n/a	=	6.89	µg/L	EPA 625.1	0.46	1			
2020/21-4	Lab	LCS, rec	5/25/2021	Organic	1,2-Dichlorobenzene	n/a	=	69	%	EPA 625.1	-88	-88	57	120	
2020/21-4	Lab	LCS dup	5/25/2021	Organic	1,2-Dichlorobenzene	n/a	=	7.09	µg/L	EPA 625.1	0.46	1			
2020/21-4	Lab	LCS dup, rec	5/25/2021	Organic	1,2-Dichlorobenzene	n/a	=	71	%	EPA 625.1	-88	-88	57	120	
2020/21-4	Lab	LCS, RPD	5/25/2021	Organic	1,2-Dichlorobenzene	n/a	=	3	%	EPA 625.1	-88	-88	0	30	
2020/21-4	Lab	method blank	5/25/2021	Organic	1,2-Dichlorobenzene	n/a	<	0.46	µg/L	EPA 625.1	0.46	1			
2020/21-4	Lab	LCS	5/26/2021	Organic	1,2-Dichlorobenzene	n/a	=	8.74	µg/L	EPA 625.1	0.46	1			
2020/21-4	Lab	LCS, rec	5/26/2021	Organic	1,2-Dichlorobenzene	n/a	=	87	%	EPA 625.1	-88	-88	57	120	
2020/21-4	Lab	LCS dup	5/26/2021	Organic	1,2-Dichlorobenzene	n/a	=	6.73	µg/L	EPA 625.1	0.46	1			
2020/21-4	Lab	LCS dup, rec	5/26/2021	Organic	1,2-Dichlorobenzene	n/a	=	67	%	EPA 625.1	-88	-88	57	120	
2020/21-4	Lab	LCS, RPD	5/26/2021	Organic	1,2-Dichlorobenzene	n/a	=	26	%	EPA 625.1	-88	-88	0	30	
2020/21-4	Lab	method blank	5/27/2021	Organic	1,2-Dichlorobenzene	n/a	<	0.46	µg/L	EPA 625.1	0.46	1			
2020/21-4	Lab	LCS	5/27/2021	Organic	1,2-Dichlorobenzene	n/a	=	7.49	µg/L	EPA 625.1	0.46	1			
2020/21-4	Lab	LCS, rec	5/27/2021	Organic	1,2-Dichlorobenzene	n/a	=	75	%	EPA 625.1	-88	-88	57	120	
2020/21-4	Lab	LCS dup	5/27/2021	Organic	1,2-Dichlorobenzene	n/a	=	8.35	µg/L	EPA 625.1	0.46	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	
2020/21-4	Lab	LCS dup. rec	5/27/2021	Organic	1,2-Dichlorobenzene	n/a	=	83	%	EPA 625.1	-88	-88	57	120	
2020/21-4	Lab	LCS, RPD	5/27/2021	Organic	1,2-Dichlorobenzene	n/a	=	11	%	EPA 625.1	-88	-88	0	30	
2020/21-4	Lab	method blank	5/27/2021	Organic	1,2-Dichlorobenzene	n/a	<	0.46	µg/L	EPA 625.1	0.46	1			
2020/21-4	Lab	LCS	6/1/2021	Organic	1,2-Dichlorobenzene	n/a	=	6.89	µg/L	EPA 625.1	0.46	1			
2020/21-4	Lab	LCS, rec	6/1/2021	Organic	1,2-Dichlorobenzene	n/a	=	69	%	EPA 625.1	-88	-88	57	120	
2020/21-4	Lab	LCS dup	6/1/2021	Organic	1,2-Dichlorobenzene	n/a	=	7.12	µg/L	EPA 625.1	0.46	1			
2020/21-4	Lab	LCS dup. rec	6/1/2021	Organic	1,2-Dichlorobenzene	n/a	=	71	%	EPA 625.1	-88	-88	57	120	
2020/21-4	Lab	LCS, RPD	6/1/2021	Organic	1,2-Dichlorobenzene	n/a	=	3	%	EPA 625.1	-88	-88	0	30	
2020/21-4	Lab	method blank	6/2/2021	Organic	1,2-Dichlorobenzene	n/a	<	0.46	µg/L	EPA 625.1	0.46	1			
2020/21-4	Lab	method blank	5/18/2021	Organic	1,2-Diphenylhydrazine	n/a	<	0.3	µg/L	EPA 625.1	0.3	1			
2020/21-4	Lab	method blank	5/25/2021	Organic	1,2-Diphenylhydrazine	n/a	<	0.3	µg/L	EPA 625.1	0.3	1			
2020/21-4	Lab	method blank	5/27/2021	Organic	1,2-Diphenylhydrazine	n/a	<	0.3	µg/L	EPA 625.1	0.3	1			
2020/21-4	Lab	method blank	5/27/2021	Organic	1,2-Diphenylhydrazine	n/a	<	0.3	µg/L	EPA 625.1	0.3	1			
2020/21-4	Lab	method blank	6/2/2021	Organic	1,2-Diphenylhydrazine	n/a	<	0.3	µg/L	EPA 625.1	0.3	1			
2020/21-4	Lab	LCS	5/18/2021	Organic	1,3-Dichlorobenzene	n/a	=	8.21	µg/L	EPA 625.1	0.42	1			
2020/21-4	Lab	LCS, rec	5/18/2021	Organic	1,3-Dichlorobenzene	n/a	=	82	%	EPA 625.1	-88	-88	55	120	
2020/21-4	Lab	LCS dup	5/18/2021	Organic	1,3-Dichlorobenzene	n/a	=	7.47	µg/L	EPA 625.1	0.42	1			
2020/21-4	Lab	LCS dup. rec	5/18/2021	Organic	1,3-Dichlorobenzene	n/a	=	75	%	EPA 625.1	-88	-88	55	120	
2020/21-4	Lab	LCS, RPD	5/18/2021	Organic	1,3-Dichlorobenzene	n/a	=	9	%	EPA 625.1	-88	-88	0	30	
2020/21-4	Lab	method blank	5/18/2021	Organic	1,3-Dichlorobenzene	n/a	<	0.42	µg/L	EPA 625.1	0.42	1			
2020/21-4	Lab	LCS	5/25/2021	Organic	1,3-Dichlorobenzene	n/a	=	6.84	µg/L	EPA 625.1	0.42	1			
2020/21-4	Lab	LCS, rec	5/25/2021	Organic	1,3-Dichlorobenzene	n/a	=	68	%	EPA 625.1	-88	-88	55	120	
2020/21-4	Lab	LCS dup	5/25/2021	Organic	1,3-Dichlorobenzene	n/a	=	7.09	µg/L	EPA 625.1	0.42	1			
2020/21-4	Lab	LCS dup. rec	5/25/2021	Organic	1,3-Dichlorobenzene	n/a	=	71	%	EPA 625.1	-88	-88	55	120	
2020/21-4	Lab	LCS, RPD	5/25/2021	Organic	1,3-Dichlorobenzene	n/a	=	4	%	EPA 625.1	-88	-88	0	30	
2020/21-4	Lab	method blank	5/25/2021	Organic	1,3-Dichlorobenzene	n/a	<	0.42	µg/L	EPA 625.1	0.42	1			
2020/21-4	Lab	LCS	5/26/2021	Organic	1,3-Dichlorobenzene	n/a	=	8.6	µg/L	EPA 625.1	0.42	1			
2020/21-4	Lab	LCS, rec	5/26/2021	Organic	1,3-Dichlorobenzene	n/a	=	86	%	EPA 625.1	-88	-88	55	120	
2020/21-4	Lab	LCS dup	5/26/2021	Organic	1,3-Dichlorobenzene	n/a	=	6.72	µg/L	EPA 625.1	0.42	1			
2020/21-4	Lab	LCS dup. rec	5/26/2021	Organic	1,3-Dichlorobenzene	n/a	=	67	%	EPA 625.1	-88	-88	55	120	
2020/21-4	Lab	LCS, RPD	5/26/2021	Organic	1,3-Dichlorobenzene	n/a	=	25	%	EPA 625.1	-88	-88	0	30	
2020/21-4	Lab	method blank	5/27/2021	Organic	1,3-Dichlorobenzene	n/a	<	0.42	µg/L	EPA 625.1	0.42	1			
2020/21-4	Lab	LCS	5/27/2021	Organic	1,3-Dichlorobenzene	n/a	=	7.52	µg/L	EPA 625.1	0.42	1			
2020/21-4	Lab	LCS, rec	5/27/2021	Organic	1,3-Dichlorobenzene	n/a	=	75	%	EPA 625.1	-88	-88	55	120	
2020/21-4	Lab	LCS dup	5/27/2021	Organic	1,3-Dichlorobenzene	n/a	=	8.39	µg/L	EPA 625.1	0.42	1			
2020/21-4	Lab	LCS dup. rec	5/27/2021	Organic	1,3-Dichlorobenzene	n/a	=	84	%	EPA 625.1	-88	-88	55	120	
2020/21-4	Lab	LCS, RPD	5/27/2021	Organic	1,3-Dichlorobenzene	n/a	=	11	%	EPA 625.1	-88	-88	0	30	
2020/21-4	Lab	method blank	5/27/2021	Organic	1,3-Dichlorobenzene	n/a	<	0.42	µg/L	EPA 625.1	0.42	1			
2020/21-4	Lab	LCS	6/1/2021	Organic	1,3-Dichlorobenzene	n/a	=	6.98	µg/L	EPA 625.1	0.42	1			
2020/21-4	Lab	LCS, rec	6/1/2021	Organic	1,3-Dichlorobenzene	n/a	=	70	%	EPA 625.1	-88	-88	55	120	
2020/21-4	Lab	LCS dup	6/1/2021	Organic	1,3-Dichlorobenzene	n/a	=	7.27	µg/L	EPA 625.1	0.42	1			
2020/21-4	Lab	LCS dup. rec	6/1/2021	Organic	1,3-Dichlorobenzene	n/a	=	73	%	EPA 625.1	-88	-88	55	120	
2020/21-4	Lab	LCS, RPD	6/1/2021	Organic	1,3-Dichlorobenzene	n/a	=	4	%	EPA 625.1	-88	-88	0	30	
2020/21-4	Lab	method blank	6/2/2021	Organic	1,3-Dichlorobenzene	n/a	<	0.42	µg/L	EPA 625.1	0.42	1			
2020/21-4	Lab	srgt method blank	5/3/2021	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.452	µg/L	EPA 625.1m	-88	-88			
2020/21-4	Lab	srgt method blank, rec	5/3/2021	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	90	%	EPA 625.1m	-88	-88	78	125	
2020/21-4	Lab	srgt LCS	5/3/2021	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.471	µg/L	EPA 625.1m	-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	
2020/21-4	Lab	srgt LCS, rec	5/3/2021	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	94	%	EPA 625.1m	-88	-88	78	125	
2020/21-4	Lab	srgt method blank	5/5/2021	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.452	µg/L	EPA 625.1m	-88	-88			
2020/21-4	Lab	srgt method blank, rec	5/5/2021	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	90	%	EPA 625.1m	-88	-88	78	125	
2020/21-4	Lab	srgt LCS	5/5/2021	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.476	µg/L	EPA 625.1m	-88	-88			
2020/21-4	Lab	srgt LCS, rec	5/5/2021	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	95	%	EPA 625.1m	-88	-88	78	125	
2020/21-4	Lab	srgt method blank	5/11/2021	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	4.74	µg/L	EPA 525.2	-88	-88			
2020/21-4	Lab	srgt method blank, rec	5/11/2021	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	95	%	EPA 525.2	-88	-88	70	130	
2020/21-4	Lab	srgt LCS	5/11/2021	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	4.31	µg/L	EPA 525.2	-88	-88			
2020/21-4	Lab	srgt LCS, rec	5/11/2021	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	86	%	EPA 525.2	-88	-88	70	130	
2020/21-4	Lab	srgt LCS dup	5/11/2021	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	5.01	µg/L	EPA 525.2	-88	-88			
2020/21-4	Lab	srgt LCS dup, rec	5/11/2021	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	100	%	EPA 525.2	-88	-88	70	130	
2020/21-4	Lab	srgt method blank	5/13/2021	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	5.08	µg/L	EPA 525.2	-88	-88			
2020/21-4	Lab	srgt method blank, rec	5/13/2021	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	102	%	EPA 525.2	-88	-88	70	130	
2020/21-4	Lab	srgt LCS	5/13/2021	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	5.44	µg/L	EPA 525.2	-88	-88			
2020/21-4	Lab	srgt LCS, rec	5/13/2021	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	109	%	EPA 525.2	-88	-88	70	130	
2020/21-4	Lab	srgt LCS dup	5/13/2021	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	5.12	µg/L	EPA 525.2	-88	-88			
2020/21-4	Lab	srgt LCS dup, rec	5/13/2021	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	102	%	EPA 525.2	-88	-88	70	130	
2020/21-4	Lab	srgt method blank	5/20/2021	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.459	µg/L	EPA 625.1m	-88	-88			
2020/21-4	Lab	srgt method blank, rec	5/20/2021	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	92	%	EPA 625.1m	-88	-88	78	125	
2020/21-4	Lab	srgt LCS	5/20/2021	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.432	µg/L	EPA 625.1m	-88	-88			
2020/21-4	Lab	srgt LCS, rec	5/20/2021	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	86	%	EPA 625.1m	-88	-88	78	125	
2020/21-4	Lab	srgt method blank	6/3/2021	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	5	µg/L	EPA 525.2	-88	-88			
2020/21-4	Lab	srgt method blank, rec	6/3/2021	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	100	%	EPA 525.2	-88	-88	70	130	
2020/21-4	Lab	srgt LCS	6/3/2021	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	4.9	µg/L	EPA 525.2	-88	-88			
2020/21-4	Lab	srgt LCS, rec	6/3/2021	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	98	%	EPA 525.2	-88	-88	70	130	
2020/21-4	Lab	srgt LCS dup	6/3/2021	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	5	µg/L	EPA 525.2	-88	-88			
2020/21-4	Lab	srgt LCS dup, rec	6/3/2021	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	100	%	EPA 525.2	-88	-88	70	130	
2020/21-4	Lab	srgt method blank	6/3/2021	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	5.1	µg/L	EPA 525.2	-88	-88			
2020/21-4	Lab	srgt method blank, rec	6/3/2021	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	102	%	EPA 525.2	-88	-88	70	130	
2020/21-4	Lab	srgt LCS	6/3/2021	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	5	µg/L	EPA 525.2	-88	-88			
2020/21-4	Lab	srgt LCS, rec	6/3/2021	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	100	%	EPA 525.2	-88	-88	70	130	
2020/21-4	Lab	srgt LCS dup	6/4/2021	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	4.99	µg/L	EPA 525.2	-88	-88			
2020/21-4	Lab	srgt LCS dup, rec	6/4/2021	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	100	%	EPA 525.2	-88	-88	70	130	
2020/21-4	Lab	srgt method blank	6/4/2021	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	4.95	µg/L	EPA 525.2	-88	-88			
2020/21-4	Lab	srgt method blank, rec	6/4/2021	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	99	%	EPA 525.2	-88	-88	70	130	
2020/21-4	Lab	srgt LCS	6/4/2021	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	4.84	µg/L	EPA 525.2	-88	-88			
2020/21-4	Lab	srgt LCS, rec	6/4/2021	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	97	%	EPA 525.2	-88	-88	70	130	
2020/21-4	Lab	srgt LCS dup	6/4/2021	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	4.95	µg/L	EPA 525.2	-88	-88			
2020/21-4	Lab	srgt LCS dup, rec	6/4/2021	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	99	%	EPA 525.2	-88	-88	70	130	
2020/21-4	ME-CC	srgt matrix spike	5/5/2021	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.489	µg/L	EPA 625.1m	-88	-88			
2020/21-4	ME-CC	srgt matrix spike, rec	5/5/2021	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	98	%	EPA 625.1m	-88	-88	78	125	
2020/21-4	ME-CC	srgt matrix spike dup	5/5/2021	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.395	µg/L	EPA 625.1m	-88	-88			
2020/21-4	ME-CC	srgt matrix spike dup, rec	5/5/2021	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	79	%	EPA 625.1m	-88	-88	78	125	
2020/21-4	ME-CC	srgt environ	5/5/2021	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.449	µg/L	EPA 625.1m	-88	-88			
2020/21-4	ME-CC	srgt environ, rec	5/5/2021	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	90	%	EPA 625.1m	-88	-88	78	125	
2020/21-4	ME-CC	srgt environ	5/12/2021	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	5.22	µg/L	EPA 525.2	-88	-88			
2020/21-4	ME-CC	srgt environ, rec	5/12/2021	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	104	%	EPA 525.2	-88	-88	70	130	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2020/21-4	ME-CC	srgt environ	6/3/2021	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	5.2	µg/L	EPA 525.2	-88	-88			CK,H,PJN
2020/21-4	ME-CC	srgt environ, rec	6/3/2021	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	104	%	EPA 525.2	-88	-88	70	130	CK,H,PJN
2020/21-4	ME-SCR	srgt matrix spike	5/3/2021	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.432	µg/L	EPA 625.1m	-88	-88			
2020/21-4	ME-SCR	srgt matrix spike, rec	5/3/2021	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	86	%	EPA 625.1m	-88	-88	78	125	
2020/21-4	ME-SCR	srgt matrix spike dup	5/3/2021	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.383	µg/L	EPA 625.1m	-88	-88			GN
2020/21-4	ME-SCR	srgt matrix spike dup, rec	5/3/2021	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	77	%	EPA 625.1m	-88	-88	78	125	GN
2020/21-4	ME-SCR	srgt environ	5/3/2021	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.401	µg/L	EPA 625.1m	-88	-88			
2020/21-4	ME-SCR	srgt environ, rec	5/3/2021	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	80	%	EPA 625.1m	-88	-88	78	125	
2020/21-4	ME-SCR	srgt environ	5/13/2021	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	5.44	µg/L	EPA 525.2	-88	-88			
2020/21-4	ME-SCR	srgt environ, rec	5/13/2021	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	109	%	EPA 525.2	-88	-88	70	130	
2020/21-4	ME-VR2	srgt environ	5/20/2021	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.383	µg/L	EPA 625.1m	-88	-88			GN
2020/21-4	ME-VR2	srgt environ, rec	5/20/2021	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	77	%	EPA 625.1m	-88	-88	78	125	GN
2020/21-4	ME-VR2	srgt environ	6/3/2021	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	5.14	µg/L	EPA 525.2	-88	-88			
2020/21-4	ME-VR2	srgt environ, rec	6/3/2021	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	103	%	EPA 525.2	-88	-88	70	130	
2020/21-4	MO-CAM	srgt environ	5/5/2021	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.551	µg/L	EPA 625.1m	-88	-88			
2020/21-4	MO-CAM	srgt environ, rec	5/5/2021	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	110	%	EPA 625.1m	-88	-88	78	125	
2020/21-4	MO-CAM	srgt environ	5/12/2021	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	10.8	µg/L	EPA 525.2	-88	-88			
2020/21-4	MO-CAM	srgt environ, rec	5/12/2021	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	108	%	EPA 525.2	-88	-88	70	130	
2020/21-4	MO-FIL	srgt environ	5/3/2021	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.372	µg/L	EPA 625.1m	-88	-88			GN
2020/21-4	MO-FIL	srgt environ, rec	5/3/2021	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	74	%	EPA 625.1m	-88	-88	78	125	GN
2020/21-4	MO-FIL	srgt environ	5/13/2021	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	5.11	µg/L	EPA 525.2	-88	-88			
2020/21-4	MO-FIL	srgt environ, rec	5/13/2021	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	102	%	EPA 525.2	-88	-88	70	130	
2020/21-4	MO-HUE	srgt matrix spike	5/20/2021	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.419	µg/L	EPA 625.1m	-88	-88			
2020/21-4	MO-HUE	srgt matrix spike, rec	5/20/2021	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	84	%	EPA 625.1m	-88	-88	78	125	
2020/21-4	MO-HUE	srgt matrix spike dup	5/20/2021	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.47	µg/L	EPA 625.1m	-88	-88			
2020/21-4	MO-HUE	srgt matrix spike dup, rec	5/20/2021	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	94	%	EPA 625.1m	-88	-88	78	125	
2020/21-4	MO-HUE	srgt environ	5/20/2021	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.369	µg/L	EPA 625.1m	-88	-88			GN
2020/21-4	MO-HUE	srgt environ, rec	5/20/2021	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	74	%	EPA 625.1m	-88	-88	78	125	GN
2020/21-4	MO-HUE	srgt environ	6/3/2021	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	5.2	µg/L	EPA 525.2	-88	-88			
2020/21-4	MO-HUE	srgt environ, rec	6/3/2021	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	104	%	EPA 525.2	-88	-88	70	130	
2020/21-4	MO-MPK	srgt environ	5/5/2021	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.415	µg/L	EPA 625.1m	-88	-88			
2020/21-4	MO-MPK	srgt environ, rec	5/5/2021	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	83	%	EPA 625.1m	-88	-88	78	125	
2020/21-4	MO-MPK	srgt environ	5/12/2021	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	5.38	µg/L	EPA 525.2	-88	-88			
2020/21-4	MO-MPK	srgt environ, rec	5/12/2021	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	108	%	EPA 525.2	-88	-88	70	130	
2020/21-4	MO-OJA	srgt environ	5/20/2021	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.419	µg/L	EPA 625.1m	-88	-88			
2020/21-4	MO-OJA	srgt environ, rec	5/20/2021	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	84	%	EPA 625.1m	-88	-88	78	125	
2020/21-4	MO-OJA	srgt environ	6/4/2021	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	7.21	µg/L	EPA 525.2	-88	-88			GN
2020/21-4	MO-OJA	srgt environ, rec	6/4/2021	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	141	%	EPA 525.2	-88	-88	70	130	GN
2020/21-4	MO-SIM	srgt environ	5/5/2021	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.417	µg/L	EPA 625.1m	-88	-88			
2020/21-4	MO-SIM	srgt environ, rec	5/5/2021	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	83	%	EPA 625.1m	-88	-88	78	125	
2020/21-4	MO-SIM	srgt environ	5/12/2021	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	5.22	µg/L	EPA 525.2	-88	-88			
2020/21-4	MO-SIM	srgt environ, rec	5/12/2021	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	104	%	EPA 525.2	-88	-88	70	130	
2020/21-4	MO-THO	srgt environ	5/5/2021	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.421	µg/L	EPA 625.1m	-88	-88			
2020/21-4	MO-THO	srgt environ, rec	5/5/2021	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	84	%	EPA 625.1m	-88	-88	78	125	
2020/21-4	MO-THO	srgt environ	5/12/2021	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	5.53	µg/L	EPA 525.2	-88	-88			
2020/21-4	MO-THO	srgt environ, rec	5/12/2021	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	111	%	EPA 525.2	-88	-88	70	130	
2020/21-4	MO-THO	srgt environ	6/3/2021	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	5.12	µg/L	EPA 525.2	-88	-88			CK,H,PJN

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2020/21-4	MO-THO	srgt environ, rec	6/3/2021	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	102	%	EPA 525.2	-88	-88	70	130	CK,H,PJN
2020/21-4	Lab	LCS	5/18/2021	Organic	1,4-Dichlorobenzene	n/a	=	8.02	µg/L	EPA 625.1	0.48	1			
2020/21-4	Lab	LCS, rec	5/18/2021	Organic	1,4-Dichlorobenzene	n/a	=	80	%	EPA 625.1	-88	-88	55	120	
2020/21-4	Lab	LCS dup	5/18/2021	Organic	1,4-Dichlorobenzene	n/a	=	7.34	µg/L	EPA 625.1	0.48	1			
2020/21-4	Lab	LCS dup, rec	5/18/2021	Organic	1,4-Dichlorobenzene	n/a	=	73	%	EPA 625.1	-88	-88	55	120	
2020/21-4	Lab	LCS, RPD	5/18/2021	Organic	1,4-Dichlorobenzene	n/a	=	9	%	EPA 625.1	-88	-88	0	30	
2020/21-4	Lab	method blank	5/18/2021	Organic	1,4-Dichlorobenzene	n/a	<	0.48	µg/L	EPA 625.1	0.48	1			
2020/21-4	Lab	LCS	5/25/2021	Organic	1,4-Dichlorobenzene	n/a	=	6.65	µg/L	EPA 625.1	0.48	1			
2020/21-4	Lab	LCS, rec	5/25/2021	Organic	1,4-Dichlorobenzene	n/a	=	67	%	EPA 625.1	-88	-88	55	120	
2020/21-4	Lab	LCS dup	5/25/2021	Organic	1,4-Dichlorobenzene	n/a	=	6.86	µg/L	EPA 625.1	0.48	1			
2020/21-4	Lab	LCS dup, rec	5/25/2021	Organic	1,4-Dichlorobenzene	n/a	=	69	%	EPA 625.1	-88	-88	55	120	
2020/21-4	Lab	LCS, RPD	5/25/2021	Organic	1,4-Dichlorobenzene	n/a	=	3	%	EPA 625.1	-88	-88	0	30	
2020/21-4	Lab	method blank	5/25/2021	Organic	1,4-Dichlorobenzene	n/a	<	0.48	µg/L	EPA 625.1	0.48	1			
2020/21-4	Lab	LCS	5/26/2021	Organic	1,4-Dichlorobenzene	n/a	=	8.35	µg/L	EPA 625.1	0.48	1			
2020/21-4	Lab	LCS, rec	5/26/2021	Organic	1,4-Dichlorobenzene	n/a	=	83	%	EPA 625.1	-88	-88	55	120	
2020/21-4	Lab	LCS dup	5/26/2021	Organic	1,4-Dichlorobenzene	n/a	=	6.45	µg/L	EPA 625.1	0.48	1			
2020/21-4	Lab	LCS dup, rec	5/26/2021	Organic	1,4-Dichlorobenzene	n/a	=	64	%	EPA 625.1	-88	-88	55	120	
2020/21-4	Lab	LCS, RPD	5/26/2021	Organic	1,4-Dichlorobenzene	n/a	=	26	%	EPA 625.1	-88	-88	0	30	
2020/21-4	Lab	method blank	5/27/2021	Organic	1,4-Dichlorobenzene	n/a	<	0.48	µg/L	EPA 625.1	0.48	1			
2020/21-4	Lab	LCS	5/27/2021	Organic	1,4-Dichlorobenzene	n/a	=	7.16	µg/L	EPA 625.1	0.48	1			
2020/21-4	Lab	LCS, rec	5/27/2021	Organic	1,4-Dichlorobenzene	n/a	=	72	%	EPA 625.1	-88	-88	55	120	
2020/21-4	Lab	LCS dup	5/27/2021	Organic	1,4-Dichlorobenzene	n/a	=	7.95	µg/L	EPA 625.1	0.48	1			
2020/21-4	Lab	LCS dup, rec	5/27/2021	Organic	1,4-Dichlorobenzene	n/a	=	79	%	EPA 625.1	-88	-88	55	120	
2020/21-4	Lab	LCS, RPD	5/27/2021	Organic	1,4-Dichlorobenzene	n/a	=	10	%	EPA 625.1	-88	-88	0	30	
2020/21-4	Lab	method blank	5/27/2021	Organic	1,4-Dichlorobenzene	n/a	<	0.48	µg/L	EPA 625.1	0.48	1			
2020/21-4	Lab	LCS	6/1/2021	Organic	1,4-Dichlorobenzene	n/a	=	6.57	µg/L	EPA 625.1	0.48	1			
2020/21-4	Lab	LCS, rec	6/1/2021	Organic	1,4-Dichlorobenzene	n/a	=	66	%	EPA 625.1	-88	-88	55	120	
2020/21-4	Lab	LCS dup	6/1/2021	Organic	1,4-Dichlorobenzene	n/a	=	6.83	µg/L	EPA 625.1	0.48	1			
2020/21-4	Lab	LCS dup, rec	6/1/2021	Organic	1,4-Dichlorobenzene	n/a	=	68	%	EPA 625.1	-88	-88	55	120	
2020/21-4	Lab	LCS, RPD	6/1/2021	Organic	1,4-Dichlorobenzene	n/a	=	4	%	EPA 625.1	-88	-88	0	30	
2020/21-4	Lab	method blank	6/2/2021	Organic	1,4-Dichlorobenzene	n/a	<	0.48	µg/L	EPA 625.1	0.48	1			
2020/21-4	Lab	method blank	5/5/2021	Organic	1-Methylnaphthalene	n/a	<	0.024	µg/L	EPA 8270C	0.024	0.1			
2020/21-4	Lab	method blank	5/5/2021	Organic	1-Methylnaphthalene	n/a	<	0.024	µg/L	EPA 8270C	0.024	0.1			
2020/21-4	Lab	method blank	6/3/2021	Organic	1-Methylnaphthalene	n/a	<	0.024	µg/L	EPA 8270C	0.024	0.1			
2020/21-4	Lab	method blank	6/17/2021	Organic	1-Methylnaphthalene	n/a	<	0.024	µg/L	EPA 8270C	0.024	0.1			
2020/21-4	Lab	method blank	5/24/2021	Organic	2,4,5-Trichlorophenol	n/a	<	0.29	µg/L	EPA 8270C	0.29	1			
2020/21-4	Lab	method blank	5/24/2021	Organic	2,4,5-Trichlorophenol	n/a	<	0.29	µg/L	EPA 8270C	0.29	1			
2020/21-4	Lab	method blank	5/25/2021	Organic	2,4,5-Trichlorophenol	n/a	<	0.29	µg/L	EPA 8270C	0.29	1			
2020/21-4	Lab	method blank	6/3/2021	Organic	2,4,5-Trichlorophenol	n/a	<	0.29	µg/L	EPA 8270C	0.29	1			
2020/21-4	Lab	srgt LCS	5/18/2021	Organic	2,4,6-Tribromophenol	n/a	=	8.91	µg/L	EPA 625.1	-88	-88			
2020/21-4	Lab	srgt LCS, rec	5/18/2021	Organic	2,4,6-Tribromophenol	n/a	=	89	%	EPA 625.1	-88	-88	25	120	
2020/21-4	Lab	srgt LCS dup	5/18/2021	Organic	2,4,6-Tribromophenol	n/a	=	8.12	µg/L	EPA 625.1	-88	-88			
2020/21-4	Lab	srgt LCS dup, rec	5/18/2021	Organic	2,4,6-Tribromophenol	n/a	=	81	%	EPA 625.1	-88	-88	25	120	
2020/21-4	Lab	srgt method blank	5/18/2021	Organic	2,4,6-Tribromophenol	n/a	=	7.12	µg/L	EPA 625.1	-88	-88			
2020/21-4	Lab	srgt method blank, rec	5/18/2021	Organic	2,4,6-Tribromophenol	n/a	=	71	%	EPA 625.1	-88	-88	25	120	
2020/21-4	Lab	srgt method blank	5/24/2021	Organic	2,4,6-Tribromophenol	n/a	=	6.52	µg/L	EPA 8270C	-88	-88			
2020/21-4	Lab	srgt method blank, rec	5/24/2021	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	
2020/21-4	Lab	srgt LCS	5/24/2021	Organic	2,4,6-Tribromophenol	n/a	=	10.3	µg/L	EPA 8270C	-88	-88			
2020/21-4	Lab	srgt LCS, rec	5/24/2021	Organic	2,4,6-Tribromophenol	n/a	=	103	%	EPA 8270C	-88	-88	26	117	
2020/21-4	Lab	srgt LCS dup	5/24/2021	Organic	2,4,6-Tribromophenol	n/a	=	8.03	µg/L	EPA 8270C	-88	-88			
2020/21-4	Lab	srgt LCS dup, rec	5/24/2021	Organic	2,4,6-Tribromophenol	n/a	=	80	%	EPA 8270C	-88	-88	26	117	
2020/21-4	Lab	srgt method blank	5/24/2021	Organic	2,4,6-Tribromophenol	n/a	=	6.36	µg/L	EPA 8270C	-88	-88			
2020/21-4	Lab	srgt method blank, rec	5/24/2021	Organic	2,4,6-Tribromophenol	n/a	=	64	%	EPA 8270C	-88	-88	26	117	
2020/21-4	Lab	srgt LCS	5/24/2021	Organic	2,4,6-Tribromophenol	n/a	=	7.74	µg/L	EPA 8270C	-88	-88			
2020/21-4	Lab	srgt LCS, rec	5/24/2021	Organic	2,4,6-Tribromophenol	n/a	=	77	%	EPA 8270C	-88	-88	26	117	
2020/21-4	Lab	srgt LCS dup	5/24/2021	Organic	2,4,6-Tribromophenol	n/a	=	8.25	µg/L	EPA 8270C	-88	-88			
2020/21-4	Lab	srgt LCS dup, rec	5/24/2021	Organic	2,4,6-Tribromophenol	n/a	=	82	%	EPA 8270C	-88	-88	26	117	
2020/21-4	Lab	srgt method blank	5/25/2021	Organic	2,4,6-Tribromophenol	n/a	=	6.47	µg/L	EPA 8270C	-88	-88			
2020/21-4	Lab	srgt method blank, rec	5/25/2021	Organic	2,4,6-Tribromophenol	n/a	=	65	%	EPA 8270C	-88	-88	26	117	
2020/21-4	Lab	srgt LCS	5/25/2021	Organic	2,4,6-Tribromophenol	n/a	=	8.33	µg/L	EPA 8270C	-88	-88			
2020/21-4	Lab	srgt LCS, rec	5/25/2021	Organic	2,4,6-Tribromophenol	n/a	=	83	%	EPA 8270C	-88	-88	26	117	
2020/21-4	Lab	srgt LCS dup	5/25/2021	Organic	2,4,6-Tribromophenol	n/a	=	7.31	µg/L	EPA 8270C	-88	-88			
2020/21-4	Lab	srgt LCS dup, rec	5/25/2021	Organic	2,4,6-Tribromophenol	n/a	=	73	%	EPA 8270C	-88	-88	26	117	
2020/21-4	Lab	srgt LCS	5/25/2021	Organic	2,4,6-Tribromophenol	n/a	=	6.51	µg/L	EPA 625.1	-88	-88			
2020/21-4	Lab	srgt LCS, rec	5/25/2021	Organic	2,4,6-Tribromophenol	n/a	=	65	%	EPA 625.1	-88	-88	25	120	
2020/21-4	Lab	srgt LCS dup	5/25/2021	Organic	2,4,6-Tribromophenol	n/a	=	7.01	µg/L	EPA 625.1	-88	-88			
2020/21-4	Lab	srgt LCS dup, rec	5/25/2021	Organic	2,4,6-Tribromophenol	n/a	=	70	%	EPA 625.1	-88	-88	25	120	
2020/21-4	Lab	srgt method blank	5/25/2021	Organic	2,4,6-Tribromophenol	n/a	=	4.81	µg/L	EPA 625.1	-88	-88			
2020/21-4	Lab	srgt method blank, rec	5/25/2021	Organic	2,4,6-Tribromophenol	n/a	=	48	%	EPA 625.1	-88	-88	25	120	
2020/21-4	Lab	srgt LCS	5/26/2021	Organic	2,4,6-Tribromophenol	n/a	=	9.34	µg/L	EPA 625.1	-88	-88			
2020/21-4	Lab	srgt LCS, rec	5/26/2021	Organic	2,4,6-Tribromophenol	n/a	=	93	%	EPA 625.1	-88	-88	25	120	
2020/21-4	Lab	srgt LCS dup	5/26/2021	Organic	2,4,6-Tribromophenol	n/a	=	6.45	µg/L	EPA 625.1	-88	-88			
2020/21-4	Lab	srgt LCS dup, rec	5/26/2021	Organic	2,4,6-Tribromophenol	n/a	=	64	%	EPA 625.1	-88	-88	25	120	
2020/21-4	Lab	srgt method blank	5/27/2021	Organic	2,4,6-Tribromophenol	n/a	=	6.55	µg/L	EPA 625.1	-88	-88			
2020/21-4	Lab	srgt method blank, rec	5/27/2021	Organic	2,4,6-Tribromophenol	n/a	=	65	%	EPA 625.1	-88	-88	25	120	
2020/21-4	Lab	srgt LCS	5/27/2021	Organic	2,4,6-Tribromophenol	n/a	=	7.83	µg/L	EPA 625.1	-88	-88			
2020/21-4	Lab	srgt LCS, rec	5/27/2021	Organic	2,4,6-Tribromophenol	n/a	=	78	%	EPA 625.1	-88	-88	25	120	
2020/21-4	Lab	srgt LCS dup	5/27/2021	Organic	2,4,6-Tribromophenol	n/a	=	8.29	µg/L	EPA 625.1	-88	-88			
2020/21-4	Lab	srgt LCS dup, rec	5/27/2021	Organic	2,4,6-Tribromophenol	n/a	=	83	%	EPA 625.1	-88	-88	25	120	
2020/21-4	Lab	srgt method blank	5/27/2021	Organic	2,4,6-Tribromophenol	n/a	=	6.42	µg/L	EPA 625.1	-88	-88			
2020/21-4	Lab	srgt method blank, rec	5/27/2021	Organic	2,4,6-Tribromophenol	n/a	=	64	%	EPA 625.1	-88	-88	25	120	
2020/21-4	Lab	srgt LCS	5/28/2021	Organic	2,4,6-Tribromophenol	n/a	=	7.1	µg/L	EPA 625.1	-88	-88			
2020/21-4	Lab	srgt LCS, rec	5/28/2021	Organic	2,4,6-Tribromophenol	n/a	=	71	%	EPA 625.1	-88	-88	25	120	
2020/21-4	Lab	srgt LCS dup	5/28/2021	Organic	2,4,6-Tribromophenol	n/a	=	6.41	µg/L	EPA 625.1	-88	-88			
2020/21-4	Lab	srgt LCS dup, rec	5/28/2021	Organic	2,4,6-Tribromophenol	n/a	=	64	%	EPA 625.1	-88	-88	25	120	
2020/21-4	Lab	srgt method blank	5/28/2021	Organic	2,4,6-Tribromophenol	n/a	=	5.51	µg/L	EPA 625.1	-88	-88			
2020/21-4	Lab	srgt method blank, rec	5/28/2021	Organic	2,4,6-Tribromophenol	n/a	=	55	%	EPA 625.1	-88	-88	25	120	
2020/21-4	Lab	srgt LCS	6/1/2021	Organic	2,4,6-Tribromophenol	n/a	=	8.13	µg/L	EPA 625.1	-88	-88			
2020/21-4	Lab	srgt LCS, rec	6/1/2021	Organic	2,4,6-Tribromophenol	n/a	=	81	%	EPA 625.1	-88	-88	25	120	
2020/21-4	Lab	srgt LCS dup	6/1/2021	Organic	2,4,6-Tribromophenol	n/a	=	8.82	µg/L	EPA 625.1	-88	-88			
2020/21-4	Lab	srgt LCS dup, rec	6/1/2021	Organic	2,4,6-Tribromophenol	n/a	=	88	%	EPA 625.1	-88	-88	25	120	
2020/21-4	Lab	srgt method blank	6/2/2021	Organic	2,4,6-Tribromophenol	n/a	=	6.12	µg/L	EPA 625.1	-88	-88			
2020/21-4	Lab	srgt method blank, rec	6/2/2021	Organic	2,4,6-Tribromophenol	n/a	=	61	%	EPA 625.1	-88	-88	25	120	
2020/21-4	Lab	srgt method blank	6/3/2021	Organic	2,4,6-Tribromophenol	n/a	=	6.1	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	
2020/21-4	Lab	srgt method blank, rec	6/3/2021	Organic	2,4,6-Tribromophenol	n/a	=	61	%	EPA 8270C	-88	-88	26	117	
2020/21-4	Lab	srgt LCS	6/3/2021	Organic	2,4,6-Tribromophenol	n/a	=	7.22	µg/L	EPA 8270C	-88	-88			
2020/21-4	Lab	srgt LCS, rec	6/3/2021	Organic	2,4,6-Tribromophenol	n/a	=	72	%	EPA 8270C	-88	-88	26	117	
2020/21-4	Lab	srgt LCS dup	6/3/2021	Organic	2,4,6-Tribromophenol	n/a	=	7.67	µg/L	EPA 8270C	-88	-88			
2020/21-4	Lab	srgt LCS dup, rec	6/3/2021	Organic	2,4,6-Tribromophenol	n/a	=	77	%	EPA 8270C	-88	-88	26	117	
2020/21-4	ME-CC	srgt environ	5/24/2021	Organic	2,4,6-Tribromophenol	n/a	=	7.5	µg/L	EPA 8270C	-88	-88			
2020/21-4	ME-CC	srgt environ, rec	5/24/2021	Organic	2,4,6-Tribromophenol	n/a	=	75	%	EPA 8270C	-88	-88	26	117	
2020/21-4	ME-CC	srgt environ	5/27/2021	Organic	2,4,6-Tribromophenol	n/a	=	8.27	µg/L	EPA 625.1	-88	-88			
2020/21-4	ME-CC	srgt environ, rec	5/27/2021	Organic	2,4,6-Tribromophenol	n/a	=	83	%	EPA 625.1	-88	-88	25	120	
2020/21-4	ME-SCR	srgt environ	5/24/2021	Organic	2,4,6-Tribromophenol	n/a	=	7.2	µg/L	EPA 8270C	-88	-88			
2020/21-4	ME-SCR	srgt environ, rec	5/24/2021	Organic	2,4,6-Tribromophenol	n/a	=	72	%	EPA 8270C	-88	-88	26	117	
2020/21-4	ME-SCR	srgt environ	5/27/2021	Organic	2,4,6-Tribromophenol	n/a	=	8.29	µg/L	EPA 625.1	-88	-88			
2020/21-4	ME-SCR	srgt environ, rec	5/27/2021	Organic	2,4,6-Tribromophenol	n/a	=	82	%	EPA 625.1	-88	-88	25	120	
2020/21-4	ME-VR2	srgt environ	5/19/2021	Organic	2,4,6-Tribromophenol	n/a	=	6.77	µg/L	EPA 625.1	-88	-88			
2020/21-4	ME-VR2	srgt environ, rec	5/19/2021	Organic	2,4,6-Tribromophenol	n/a	=	67	%	EPA 625.1	-88	-88	25	120	
2020/21-4	ME-VR2	srgt environ	5/25/2021	Organic	2,4,6-Tribromophenol	n/a	=	5.56	µg/L	EPA 8270C	-88	-88			
2020/21-4	ME-VR2	srgt environ, rec	5/25/2021	Organic	2,4,6-Tribromophenol	n/a	=	56	%	EPA 8270C	-88	-88	26	117	
2020/21-4	MO-CAM	srgt environ	5/25/2021	Organic	2,4,6-Tribromophenol	n/a	=	37.1	µg/L	EPA 8270C	-88	-88			
2020/21-4	MO-CAM	srgt environ, rec	5/25/2021	Organic	2,4,6-Tribromophenol	n/a	=	37	%	EPA 8270C	-88	-88	26	117	
2020/21-4	MO-CAM	srgt environ	5/27/2021	Organic	2,4,6-Tribromophenol	n/a	=	34.8	µg/L	EPA 625.1	-88	-88			
2020/21-4	MO-CAM	srgt environ, rec	5/27/2021	Organic	2,4,6-Tribromophenol	n/a	=	35	%	EPA 625.1	-88	-88	25	120	
2020/21-4	MO-FIL	srgt environ	5/24/2021	Organic	2,4,6-Tribromophenol	n/a	=	7.42	µg/L	EPA 8270C	-88	-88			
2020/21-4	MO-FIL	srgt environ, rec	5/24/2021	Organic	2,4,6-Tribromophenol	n/a	=	74	%	EPA 8270C	-88	-88	26	117	
2020/21-4	MO-FIL	srgt environ	5/27/2021	Organic	2,4,6-Tribromophenol	n/a	=	7.01	µg/L	EPA 625.1	-88	-88			
2020/21-4	MO-FIL	srgt environ, rec	5/27/2021	Organic	2,4,6-Tribromophenol	n/a	=	68	%	EPA 625.1	-88	-88	25	120	
2020/21-4	MO-HUE	srgt environ	5/19/2021	Organic	2,4,6-Tribromophenol	n/a	=	14.9	µg/L	EPA 625.1	-88	-88			
2020/21-4	MO-HUE	srgt environ, rec	5/19/2021	Organic	2,4,6-Tribromophenol	n/a	=	74	%	EPA 625.1	-88	-88	25	120	
2020/21-4	MO-HUE	srgt environ	5/25/2021	Organic	2,4,6-Tribromophenol	n/a	=	13.5	µg/L	EPA 8270C	-88	-88			
2020/21-4	MO-HUE	srgt environ, rec	5/25/2021	Organic	2,4,6-Tribromophenol	n/a	=	67	%	EPA 8270C	-88	-88	26	117	
2020/21-4	MO-MPK	srgt environ	5/25/2021	Organic	2,4,6-Tribromophenol	n/a	=	47	µg/L	EPA 8270C	-88	-88			
2020/21-4	MO-MPK	srgt environ, rec	5/25/2021	Organic	2,4,6-Tribromophenol	n/a	=	47	%	EPA 8270C	-88	-88	26	117	
2020/21-4	MO-MPK	srgt environ	5/27/2021	Organic	2,4,6-Tribromophenol	n/a	=	54	µg/L	EPA 625.1	-88	-88			
2020/21-4	MO-MPK	srgt environ, rec	5/27/2021	Organic	2,4,6-Tribromophenol	n/a	=	54	%	EPA 625.1	-88	-88	25	120	
2020/21-4	MO-OJA	srgt environ	5/25/2021	Organic	2,4,6-Tribromophenol	n/a	=	7.61	µg/L	EPA 625.1	-88	-88			
2020/21-4	MO-OJA	srgt environ, rec	5/25/2021	Organic	2,4,6-Tribromophenol	n/a	=	75	%	EPA 625.1	-88	-88	25	120	
2020/21-4	MO-OJA	srgt environ	6/3/2021	Organic	2,4,6-Tribromophenol	n/a	=	8.5	µg/L	EPA 8270C	-88	-88			
2020/21-4	MO-OJA	srgt environ, rec	6/3/2021	Organic	2,4,6-Tribromophenol	n/a	=	84	%	EPA 8270C	-88	-88	26	117	
2020/21-4	MO-SIM	srgt environ	5/25/2021	Organic	2,4,6-Tribromophenol	n/a	=	6.53	µg/L	EPA 8270C	-88	-88			
2020/21-4	MO-SIM	srgt environ, rec	5/25/2021	Organic	2,4,6-Tribromophenol	n/a	=	65	%	EPA 8270C	-88	-88	26	117	
2020/21-4	MO-SIM	srgt environ	5/27/2021	Organic	2,4,6-Tribromophenol	n/a	=	7.22	µg/L	EPA 625.1	-88	-88			
2020/21-4	MO-SIM	srgt environ, rec	5/27/2021	Organic	2,4,6-Tribromophenol	n/a	=	72	%	EPA 625.1	-88	-88	25	120	
2020/21-4	MO-THO	srgt environ	5/25/2021	Organic	2,4,6-Tribromophenol	n/a	=	6.58	µg/L	EPA 8270C	-88	-88			
2020/21-4	MO-THO	srgt environ, rec	5/25/2021	Organic	2,4,6-Tribromophenol	n/a	=	66	%	EPA 8270C	-88	-88	26	117	
2020/21-4	MO-THO	srgt environ	5/27/2021	Organic	2,4,6-Tribromophenol	n/a	=	7.01	µg/L	EPA 625.1	-88	-88			
2020/21-4	MO-THO	srgt environ, rec	5/27/2021	Organic	2,4,6-Tribromophenol	n/a	=	70	%	EPA 625.1	-88	-88	25	120	
2020/21-4	Lab	LCS	5/18/2021	Organic	2,4,6-Trichlorophenol	n/a	=	8.79	µg/L	EPA 625.1	0.22	1			
2020/21-4	Lab	LCS, rec	5/18/2021	Organic	2,4,6-Trichlorophenol	n/a	=	88	%	EPA 625.1	-88	-88	52	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	
2020/21-4	Lab	LCS dup	5/18/2021	Organic	2,4,6-Trichlorophenol	n/a	=	7.7	µg/L	EPA 625.1	0.22	1			
2020/21-4	Lab	LCS dup, rec	5/18/2021	Organic	2,4,6-Trichlorophenol	n/a	=	77	%	EPA 625.1	-88	-88	52	129	
2020/21-4	Lab	LCS, RPD	5/18/2021	Organic	2,4,6-Trichlorophenol	n/a	=	13	%	EPA 625.1	-88	-88	0	30	
2020/21-4	Lab	method blank	5/18/2021	Organic	2,4,6-Trichlorophenol	n/a	<	0.22	µg/L	EPA 625.1	0.22	1			
2020/21-4	Lab	method blank	5/24/2021	Organic	2,4,6-Trichlorophenol	n/a	<	0.3	µg/L	EPA 8270C	0.3	1			
2020/21-4	Lab	LCS	5/24/2021	Organic	2,4,6-Trichlorophenol	n/a	=	10.2	µg/L	EPA 8270C	0.3	1			
2020/21-4	Lab	LCS, rec	5/24/2021	Organic	2,4,6-Trichlorophenol	n/a	=	102	%	EPA 8270C	-88	-88	30	115	
2020/21-4	Lab	LCS dup	5/24/2021	Organic	2,4,6-Trichlorophenol	n/a	=	8.09	µg/L	EPA 8270C	0.3	1			
2020/21-4	Lab	LCS dup, rec	5/24/2021	Organic	2,4,6-Trichlorophenol	n/a	=	81	%	EPA 8270C	-88	-88	30	115	
2020/21-4	Lab	LCS, RPD	5/24/2021	Organic	2,4,6-Trichlorophenol	n/a	=	24	%	EPA 8270C	-88	-88	0	30	
2020/21-4	Lab	method blank	5/24/2021	Organic	2,4,6-Trichlorophenol	n/a	<	0.3	µg/L	EPA 8270C	0.3	1			
2020/21-4	Lab	LCS	5/24/2021	Organic	2,4,6-Trichlorophenol	n/a	=	8.63	µg/L	EPA 8270C	0.3	1			
2020/21-4	Lab	LCS, rec	5/24/2021	Organic	2,4,6-Trichlorophenol	n/a	=	86	%	EPA 8270C	-88	-88	30	115	
2020/21-4	Lab	LCS dup	5/24/2021	Organic	2,4,6-Trichlorophenol	n/a	=	7.8	µg/L	EPA 8270C	0.3	1			
2020/21-4	Lab	LCS dup, rec	5/24/2021	Organic	2,4,6-Trichlorophenol	n/a	=	78	%	EPA 8270C	-88	-88	30	115	
2020/21-4	Lab	LCS, RPD	5/24/2021	Organic	2,4,6-Trichlorophenol	n/a	=	10	%	EPA 8270C	-88	-88	0	30	
2020/21-4	Lab	method blank	5/25/2021	Organic	2,4,6-Trichlorophenol	n/a	<	0.3	µg/L	EPA 8270C	0.3	1			
2020/21-4	Lab	LCS	5/25/2021	Organic	2,4,6-Trichlorophenol	n/a	=	8.59	µg/L	EPA 8270C	0.3	1			
2020/21-4	Lab	LCS, rec	5/25/2021	Organic	2,4,6-Trichlorophenol	n/a	=	86	%	EPA 8270C	-88	-88	30	115	
2020/21-4	Lab	LCS dup	5/25/2021	Organic	2,4,6-Trichlorophenol	n/a	=	7.2	µg/L	EPA 8270C	0.3	1			
2020/21-4	Lab	LCS dup, rec	5/25/2021	Organic	2,4,6-Trichlorophenol	n/a	=	72	%	EPA 8270C	-88	-88	30	115	
2020/21-4	Lab	LCS, RPD	5/25/2021	Organic	2,4,6-Trichlorophenol	n/a	=	18	%	EPA 8270C	-88	-88	0	30	
2020/21-4	Lab	LCS	5/25/2021	Organic	2,4,6-Trichlorophenol	n/a	=	5.67	µg/L	EPA 625.1	0.22	1			
2020/21-4	Lab	LCS, rec	5/25/2021	Organic	2,4,6-Trichlorophenol	n/a	=	57	%	EPA 625.1	-88	-88	52	129	
2020/21-4	Lab	LCS dup	5/25/2021	Organic	2,4,6-Trichlorophenol	n/a	=	6.04	µg/L	EPA 625.1	0.22	1			
2020/21-4	Lab	LCS dup, rec	5/25/2021	Organic	2,4,6-Trichlorophenol	n/a	=	60	%	EPA 625.1	-88	-88	52	129	
2020/21-4	Lab	LCS, RPD	5/25/2021	Organic	2,4,6-Trichlorophenol	n/a	=	6	%	EPA 625.1	-88	-88	0	30	
2020/21-4	Lab	method blank	5/25/2021	Organic	2,4,6-Trichlorophenol	n/a	<	0.22	µg/L	EPA 625.1	0.22	1			
2020/21-4	Lab	LCS	5/26/2021	Organic	2,4,6-Trichlorophenol	n/a	=	8.12	µg/L	EPA 625.1	0.22	1			
2020/21-4	Lab	LCS, rec	5/26/2021	Organic	2,4,6-Trichlorophenol	n/a	=	81	%	EPA 625.1	-88	-88	52	129	
2020/21-4	Lab	LCS dup	5/26/2021	Organic	2,4,6-Trichlorophenol	n/a	=	5.71	µg/L	EPA 625.1	0.22	1			IL
2020/21-4	Lab	LCS dup, rec	5/26/2021	Organic	2,4,6-Trichlorophenol	n/a	=	57	%	EPA 625.1	-88	-88	52	129	IL
2020/21-4	Lab	LCS, RPD	5/26/2021	Organic	2,4,6-Trichlorophenol	n/a	=	35	%	EPA 625.1	-88	-88	0	30	IL
2020/21-4	Lab	method blank	5/27/2021	Organic	2,4,6-Trichlorophenol	n/a	<	0.22	µg/L	EPA 625.1	0.22	1			
2020/21-4	Lab	LCS	5/27/2021	Organic	2,4,6-Trichlorophenol	n/a	=	7.85	µg/L	EPA 625.1	0.22	1			
2020/21-4	Lab	LCS, rec	5/27/2021	Organic	2,4,6-Trichlorophenol	n/a	=	78	%	EPA 625.1	-88	-88	52	129	
2020/21-4	Lab	LCS dup	5/27/2021	Organic	2,4,6-Trichlorophenol	n/a	=	8.05	µg/L	EPA 625.1	0.22	1			
2020/21-4	Lab	LCS dup, rec	5/27/2021	Organic	2,4,6-Trichlorophenol	n/a	=	81	%	EPA 625.1	-88	-88	52	129	
2020/21-4	Lab	LCS, RPD	5/27/2021	Organic	2,4,6-Trichlorophenol	n/a	=	3	%	EPA 625.1	-88	-88	0	30	
2020/21-4	Lab	method blank	5/27/2021	Organic	2,4,6-Trichlorophenol	n/a	<	0.22	µg/L	EPA 625.1	0.22	1			
2020/21-4	Lab	LCS	6/1/2021	Organic	2,4,6-Trichlorophenol	n/a	=	6.87	µg/L	EPA 625.1	0.22	1			
2020/21-4	Lab	LCS, rec	6/1/2021	Organic	2,4,6-Trichlorophenol	n/a	=	69	%	EPA 625.1	-88	-88	52	129	
2020/21-4	Lab	LCS dup	6/1/2021	Organic	2,4,6-Trichlorophenol	n/a	=	7.89	µg/L	EPA 625.1	0.22	1			
2020/21-4	Lab	LCS dup, rec	6/1/2021	Organic	2,4,6-Trichlorophenol	n/a	=	79	%	EPA 625.1	-88	-88	52	129	
2020/21-4	Lab	LCS, RPD	6/1/2021	Organic	2,4,6-Trichlorophenol	n/a	=	14	%	EPA 625.1	-88	-88	0	30	
2020/21-4	Lab	method blank	6/2/2021	Organic	2,4,6-Trichlorophenol	n/a	<	0.22	µg/L	EPA 625.1	0.22	1			
2020/21-4	Lab	method blank	6/3/2021	Organic	2,4,6-Trichlorophenol	n/a	<	0.3	µg/L	EPA 8270C	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	
2020/21-4	Lab	LCS	6/3/2021	Organic	2,4,6-Trichlorophenol	n/a	=	6.4	µg/L	EPA 8270C	0.3	1			
2020/21-4	Lab	LCS, rec	6/3/2021	Organic	2,4,6-Trichlorophenol	n/a	=	64	%	EPA 8270C	-88	-88	30	115	
2020/21-4	Lab	LCS dup	6/3/2021	Organic	2,4,6-Trichlorophenol	n/a	=	6.89	µg/L	EPA 8270C	0.3	1			
2020/21-4	Lab	LCS dup, rec	6/3/2021	Organic	2,4,6-Trichlorophenol	n/a	=	69	%	EPA 8270C	-88	-88	30	115	
2020/21-4	Lab	LCS, RPD	6/3/2021	Organic	2,4,6-Trichlorophenol	n/a	=	7	%	EPA 8270C	-88	-88	0	30	
2020/21-4	Lab	LCS	5/18/2021	Organic	2,4-Dichlorophenol	n/a	=	9.35	µg/L	EPA 625.1	0.26	1			
2020/21-4	Lab	LCS, rec	5/18/2021	Organic	2,4-Dichlorophenol	n/a	=	93	%	EPA 625.1	-88	-88	53	122	
2020/21-4	Lab	LCS dup	5/18/2021	Organic	2,4-Dichlorophenol	n/a	=	8.11	µg/L	EPA 625.1	0.26	1			
2020/21-4	Lab	LCS dup, rec	5/18/2021	Organic	2,4-Dichlorophenol	n/a	=	81	%	EPA 625.1	-88	-88	53	122	
2020/21-4	Lab	LCS, RPD	5/18/2021	Organic	2,4-Dichlorophenol	n/a	=	14	%	EPA 625.1	-88	-88	0	30	
2020/21-4	Lab	method blank	5/18/2021	Organic	2,4-Dichlorophenol	n/a	<	0.26	µg/L	EPA 625.1	0.26	1			
2020/21-4	Lab	method blank	5/24/2021	Organic	2,4-Dichlorophenol	n/a	<	0.51	µg/L	EPA 8270C	0.51	1			
2020/21-4	Lab	LCS	5/24/2021	Organic	2,4-Dichlorophenol	n/a	=	10	µg/L	EPA 8270C	0.51	1			
2020/21-4	Lab	LCS, rec	5/24/2021	Organic	2,4-Dichlorophenol	n/a	=	100	%	EPA 8270C	-88	-88	32	105	
2020/21-4	Lab	LCS dup	5/24/2021	Organic	2,4-Dichlorophenol	n/a	=	7.66	µg/L	EPA 8270C	0.51	1			
2020/21-4	Lab	LCS dup, rec	5/24/2021	Organic	2,4-Dichlorophenol	n/a	=	77	%	EPA 8270C	-88	-88	32	105	
2020/21-4	Lab	LCS, RPD	5/24/2021	Organic	2,4-Dichlorophenol	n/a	=	27	%	EPA 8270C	-88	-88	0	30	
2020/21-4	Lab	method blank	5/24/2021	Organic	2,4-Dichlorophenol	n/a	<	0.51	µg/L	EPA 8270C	0.51	1			
2020/21-4	Lab	LCS	5/24/2021	Organic	2,4-Dichlorophenol	n/a	=	8.36	µg/L	EPA 8270C	0.51	1			
2020/21-4	Lab	LCS, rec	5/24/2021	Organic	2,4-Dichlorophenol	n/a	=	84	%	EPA 8270C	-88	-88	32	105	
2020/21-4	Lab	LCS dup	5/24/2021	Organic	2,4-Dichlorophenol	n/a	=	9.05	µg/L	EPA 8270C	0.51	1			
2020/21-4	Lab	LCS dup, rec	5/24/2021	Organic	2,4-Dichlorophenol	n/a	=	90	%	EPA 8270C	-88	-88	32	105	
2020/21-4	Lab	LCS, RPD	5/24/2021	Organic	2,4-Dichlorophenol	n/a	=	8	%	EPA 8270C	-88	-88	0	30	
2020/21-4	Lab	method blank	5/25/2021	Organic	2,4-Dichlorophenol	n/a	<	0.51	µg/L	EPA 8270C	0.51	1			
2020/21-4	Lab	LCS	5/25/2021	Organic	2,4-Dichlorophenol	n/a	=	8.33	µg/L	EPA 8270C	0.51	1			
2020/21-4	Lab	LCS, rec	5/25/2021	Organic	2,4-Dichlorophenol	n/a	=	83	%	EPA 8270C	-88	-88	32	105	
2020/21-4	Lab	LCS dup	5/25/2021	Organic	2,4-Dichlorophenol	n/a	=	6.96	µg/L	EPA 8270C	0.51	1			
2020/21-4	Lab	LCS dup, rec	5/25/2021	Organic	2,4-Dichlorophenol	n/a	=	70	%	EPA 8270C	-88	-88	32	105	
2020/21-4	Lab	LCS, RPD	5/25/2021	Organic	2,4-Dichlorophenol	n/a	=	18	%	EPA 8270C	-88	-88	0	30	
2020/21-4	Lab	LCS	5/25/2021	Organic	2,4-Dichlorophenol	n/a	=	7.29	µg/L	EPA 625.1	0.26	1			
2020/21-4	Lab	LCS, rec	5/25/2021	Organic	2,4-Dichlorophenol	n/a	=	73	%	EPA 625.1	-88	-88	53	122	
2020/21-4	Lab	LCS dup	5/25/2021	Organic	2,4-Dichlorophenol	n/a	=	7.54	µg/L	EPA 625.1	0.26	1			
2020/21-4	Lab	LCS dup, rec	5/25/2021	Organic	2,4-Dichlorophenol	n/a	=	75	%	EPA 625.1	-88	-88	53	122	
2020/21-4	Lab	LCS, RPD	5/25/2021	Organic	2,4-Dichlorophenol	n/a	=	3	%	EPA 625.1	-88	-88	0	30	
2020/21-4	Lab	method blank	5/25/2021	Organic	2,4-Dichlorophenol	n/a	<	0.26	µg/L	EPA 625.1	0.26	1			
2020/21-4	Lab	LCS	5/26/2021	Organic	2,4-Dichlorophenol	n/a	=	9.77	µg/L	EPA 625.1	0.26	1			
2020/21-4	Lab	LCS, rec	5/26/2021	Organic	2,4-Dichlorophenol	n/a	=	98	%	EPA 625.1	-88	-88	53	122	
2020/21-4	Lab	LCS dup	5/26/2021	Organic	2,4-Dichlorophenol	n/a	=	6.84	µg/L	EPA 625.1	0.26	1			IL
2020/21-4	Lab	LCS dup, rec	5/26/2021	Organic	2,4-Dichlorophenol	n/a	=	68	%	EPA 625.1	-88	-88	53	122	IL
2020/21-4	Lab	LCS, RPD	5/26/2021	Organic	2,4-Dichlorophenol	n/a	=	35	%	EPA 625.1	-88	-88	0	30	IL
2020/21-4	Lab	method blank	5/27/2021	Organic	2,4-Dichlorophenol	n/a	<	0.26	µg/L	EPA 625.1	0.26	1			
2020/21-4	Lab	LCS	5/27/2021	Organic	2,4-Dichlorophenol	n/a	=	8.26	µg/L	EPA 625.1	0.26	1			
2020/21-4	Lab	LCS, rec	5/27/2021	Organic	2,4-Dichlorophenol	n/a	=	83	%	EPA 625.1	-88	-88	53	122	
2020/21-4	Lab	LCS dup	5/27/2021	Organic	2,4-Dichlorophenol	n/a	=	8.89	µg/L	EPA 625.1	0.26	1			
2020/21-4	Lab	LCS dup, rec	5/27/2021	Organic	2,4-Dichlorophenol	n/a	=	89	%	EPA 625.1	-88	-88	53	122	
2020/21-4	Lab	LCS, RPD	5/27/2021	Organic	2,4-Dichlorophenol	n/a	=	7	%	EPA 625.1	-88	-88	0	30	
2020/21-4	Lab	method blank	5/27/2021	Organic	2,4-Dichlorophenol	n/a	<	0.26	µg/L	EPA 625.1	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	
2020/21-4	Lab	LCS	6/1/2021	Organic	2,4-Dichlorophenol	n/a	=	7.58	µg/L	EPA 625.1	0.26	1			
2020/21-4	Lab	LCS, rec	6/1/2021	Organic	2,4-Dichlorophenol	n/a	=	76	%	EPA 625.1	-88	-88	53	122	
2020/21-4	Lab	LCS dup	6/1/2021	Organic	2,4-Dichlorophenol	n/a	=	7.85	µg/L	EPA 625.1	0.26	1			
2020/21-4	Lab	LCS dup, rec	6/1/2021	Organic	2,4-Dichlorophenol	n/a	=	79	%	EPA 625.1	-88	-88	53	122	
2020/21-4	Lab	LCS, RPD	6/1/2021	Organic	2,4-Dichlorophenol	n/a	=	4	%	EPA 625.1	-88	-88	0	30	
2020/21-4	Lab	method blank	6/2/2021	Organic	2,4-Dichlorophenol	n/a	<	0.26	µg/L	EPA 625.1	0.26	1			
2020/21-4	Lab	method blank	6/3/2021	Organic	2,4-Dichlorophenol	n/a	<	0.51	µg/L	EPA 8270C	0.51	1			
2020/21-4	Lab	LCS	6/3/2021	Organic	2,4-Dichlorophenol	n/a	=	6.14	µg/L	EPA 8270C	0.51	1			
2020/21-4	Lab	LCS, rec	6/3/2021	Organic	2,4-Dichlorophenol	n/a	=	61	%	EPA 8270C	-88	-88	32	105	
2020/21-4	Lab	LCS dup	6/3/2021	Organic	2,4-Dichlorophenol	n/a	=	6.53	µg/L	EPA 8270C	0.51	1			
2020/21-4	Lab	LCS dup, rec	6/3/2021	Organic	2,4-Dichlorophenol	n/a	=	65	%	EPA 8270C	-88	-88	32	105	
2020/21-4	Lab	LCS, RPD	6/3/2021	Organic	2,4-Dichlorophenol	n/a	=	6	%	EPA 8270C	-88	-88	0	30	
2020/21-4	000NONPJ	srgt matrix spike	5/5/2021	Organic	2,4-Dichlorophenylacetic acid	n/a	=	11	µg/L	EPA 515.4	-88	-88			
2020/21-4	000NONPJ	srgt matrix spike, rec	5/5/2021	Organic	2,4-Dichlorophenylacetic acid	n/a	=	110	%	EPA 515.4	-88	-88	70	130	
2020/21-4	000NONPJ	srgt matrix spike dup	5/5/2021	Organic	2,4-Dichlorophenylacetic acid	n/a	=	10.3	µg/L	EPA 515.4	-88	-88			
2020/21-4	000NONPJ	srgt matrix spike dup, rec	5/5/2021	Organic	2,4-Dichlorophenylacetic acid	n/a	=	103	%	EPA 515.4	-88	-88	70	130	
2020/21-4	000NONPJ	srgt matrix spike	5/22/2021	Organic	2,4-Dichlorophenylacetic acid	n/a	=	10.2	µg/L	EPA 515.4	-88	-88			
2020/21-4	000NONPJ	srgt matrix spike, rec	5/22/2021	Organic	2,4-Dichlorophenylacetic acid	n/a	=	102	%	EPA 515.4	-88	-88	70	130	
2020/21-4	000NONPJ	srgt matrix spike dup	5/23/2021	Organic	2,4-Dichlorophenylacetic acid	n/a	=	10.3	µg/L	EPA 515.4	-88	-88			
2020/21-4	000NONPJ	srgt matrix spike dup, rec	5/23/2021	Organic	2,4-Dichlorophenylacetic acid	n/a	=	103	%	EPA 515.4	-88	-88	70	130	
2020/21-4	Lab	srgt method blank	5/5/2021	Organic	2,4-Dichlorophenylacetic acid	n/a	=	9.8	µg/L	EPA 515.4	-88	-88			
2020/21-4	Lab	srgt method blank, rec	5/5/2021	Organic	2,4-Dichlorophenylacetic acid	n/a	=	98	%	EPA 515.4	-88	-88	70	130	
2020/21-4	Lab	srgt LCS	5/5/2021	Organic	2,4-Dichlorophenylacetic acid	n/a	=	10.6	µg/L	EPA 515.4	-88	-88			
2020/21-4	Lab	srgt LCS, rec	5/5/2021	Organic	2,4-Dichlorophenylacetic acid	n/a	=	106	%	EPA 515.4	-88	-88	70	130	
2020/21-4	Lab	srgt method blank	5/22/2021	Organic	2,4-Dichlorophenylacetic acid	n/a	=	9.29	µg/L	EPA 515.4	-88	-88			
2020/21-4	Lab	srgt method blank, rec	5/22/2021	Organic	2,4-Dichlorophenylacetic acid	n/a	=	93	%	EPA 515.4	-88	-88	70	130	
2020/21-4	Lab	srgt LCS	5/22/2021	Organic	2,4-Dichlorophenylacetic acid	n/a	=	10.3	µg/L	EPA 515.4	-88	-88			
2020/21-4	Lab	srgt LCS, rec	5/22/2021	Organic	2,4-Dichlorophenylacetic acid	n/a	=	103	%	EPA 515.4	-88	-88	70	130	
2020/21-4	ME-CC	srgt environ	5/5/2021	Organic	2,4-Dichlorophenylacetic acid	n/a	=	10.5	µg/L	EPA 515.4	-88	-88			
2020/21-4	ME-CC	srgt environ, rec	5/5/2021	Organic	2,4-Dichlorophenylacetic acid	n/a	=	105	%	EPA 515.4	-88	-88	70	130	
2020/21-4	ME-SCR	srgt environ	5/5/2021	Organic	2,4-Dichlorophenylacetic acid	n/a	=	10.1	µg/L	EPA 515.4	-88	-88			
2020/21-4	ME-SCR	srgt environ, rec	5/5/2021	Organic	2,4-Dichlorophenylacetic acid	n/a	=	101	%	EPA 515.4	-88	-88	70	130	
2020/21-4	ME-VR2	srgt environ	5/23/2021	Organic	2,4-Dichlorophenylacetic acid	n/a	=	9.1	µg/L	EPA 515.4	-88	-88			
2020/21-4	ME-VR2	srgt environ, rec	5/23/2021	Organic	2,4-Dichlorophenylacetic acid	n/a	=	91	%	EPA 515.4	-88	-88	70	130	
2020/21-4	MO-CAM	srgt environ	5/5/2021	Organic	2,4-Dichlorophenylacetic acid	n/a	=	11.3	µg/L	EPA 515.4	-88	-88			
2020/21-4	MO-CAM	srgt environ, rec	5/5/2021	Organic	2,4-Dichlorophenylacetic acid	n/a	=	113	%	EPA 515.4	-88	-88	70	130	
2020/21-4	MO-FIL	srgt environ	5/5/2021	Organic	2,4-Dichlorophenylacetic acid	n/a	=	11.6	µg/L	EPA 515.4	-88	-88			
2020/21-4	MO-FIL	srgt environ, rec	5/5/2021	Organic	2,4-Dichlorophenylacetic acid	n/a	=	116	%	EPA 515.4	-88	-88	70	130	
2020/21-4	MO-HUE	srgt environ	5/23/2021	Organic	2,4-Dichlorophenylacetic acid	n/a	=	9.01	µg/L	EPA 515.4	-88	-88			
2020/21-4	MO-HUE	srgt environ, rec	5/23/2021	Organic	2,4-Dichlorophenylacetic acid	n/a	=	90	%	EPA 515.4	-88	-88	70	130	
2020/21-4	MO-MPK	srgt environ	5/5/2021	Organic	2,4-Dichlorophenylacetic acid	n/a	=	10.6	µg/L	EPA 515.4	-88	-88			
2020/21-4	MO-MPK	srgt environ, rec	5/5/2021	Organic	2,4-Dichlorophenylacetic acid	n/a	=	106	%	EPA 515.4	-88	-88	70	130	
2020/21-4	MO-OJA	srgt environ	5/23/2021	Organic	2,4-Dichlorophenylacetic acid	n/a	=	10.6	µg/L	EPA 515.4	-88	-88			
2020/21-4	MO-OJA	srgt environ, rec	5/23/2021	Organic	2,4-Dichlorophenylacetic acid	n/a	=	106	%	EPA 515.4	-88	-88	70	130	
2020/21-4	MO-SIM	srgt environ	5/5/2021	Organic	2,4-Dichlorophenylacetic acid	n/a	=	11.2	µg/L	EPA 515.4	-88	-88			
2020/21-4	MO-SIM	srgt environ, rec	5/5/2021	Organic	2,4-Dichlorophenylacetic acid	n/a	=	112	%	EPA 515.4	-88	-88	70	130	
2020/21-4	MO-THO	srgt environ	5/5/2021	Organic	2,4-Dichlorophenylacetic acid	n/a	=	10.6	µg/L	EPA 515.4	-88	-88			

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2020/21-4	MO-THO	srgt environ, rec	5/5/2021	Organic	2,4-Dichlorophenylacetic acid	n/a	=	106	%	EPA 515.4	-88	-88	70	130	
2020/21-4	Lab	LCS	5/18/2021	Organic	2,4-Dimethylphenol	n/a	=	8.32	µg/L	EPA 625.1	0.3	1			
2020/21-4	Lab	LCS, rec	5/18/2021	Organic	2,4-Dimethylphenol	n/a	=	83	%	EPA 625.1	-88	-88	42	120	
2020/21-4	Lab	LCS dup	5/18/2021	Organic	2,4-Dimethylphenol	n/a	=	7.6	µg/L	EPA 625.1	0.3	1			
2020/21-4	Lab	LCS dup, rec	5/18/2021	Organic	2,4-Dimethylphenol	n/a	=	76	%	EPA 625.1	-88	-88	42	120	
2020/21-4	Lab	LCS, RPD	5/18/2021	Organic	2,4-Dimethylphenol	n/a	=	9	%	EPA 625.1	-88	-88	0	30	
2020/21-4	Lab	method blank	5/18/2021	Organic	2,4-Dimethylphenol	n/a	<	0.3	µg/L	EPA 625.1	0.3	1			
2020/21-4	Lab	method blank	5/24/2021	Organic	2,4-Dimethylphenol	n/a	<	1	µg/L	EPA 8270C	1	2			
2020/21-4	Lab	LCS	5/24/2021	Organic	2,4-Dimethylphenol	n/a	=	6.4	µg/L	EPA 8270C	1	2			
2020/21-4	Lab	LCS, rec	5/24/2021	Organic	2,4-Dimethylphenol	n/a	=	64	%	EPA 8270C	-88	-88	31	97	
2020/21-4	Lab	LCS dup	5/24/2021	Organic	2,4-Dimethylphenol	n/a	=	2.39	µg/L	EPA 8270C	1	2			EUM,IL
2020/21-4	Lab	LCS dup, rec	5/24/2021	Organic	2,4-Dimethylphenol	n/a	=	24	%	EPA 8270C	-88	-88	31	97	EUM,IL
2020/21-4	Lab	LCS, RPD	5/24/2021	Organic	2,4-Dimethylphenol	n/a	=	91	%	EPA 8270C	-88	-88	0	30	IL
2020/21-4	Lab	method blank	5/24/2021	Organic	2,4-Dimethylphenol	n/a	<	1	µg/L	EPA 8270C	1	2			
2020/21-4	Lab	LCS	5/24/2021	Organic	2,4-Dimethylphenol	n/a	=	3.54	µg/L	EPA 8270C	1	2			
2020/21-4	Lab	LCS, rec	5/24/2021	Organic	2,4-Dimethylphenol	n/a	=	35	%	EPA 8270C	-88	-88	31	97	
2020/21-4	Lab	LCS dup	5/24/2021	Organic	2,4-Dimethylphenol	n/a	=	3.96	µg/L	EPA 8270C	1	2			
2020/21-4	Lab	LCS dup, rec	5/24/2021	Organic	2,4-Dimethylphenol	n/a	=	40	%	EPA 8270C	-88	-88	31	97	
2020/21-4	Lab	LCS, RPD	5/24/2021	Organic	2,4-Dimethylphenol	n/a	=	11	%	EPA 8270C	-88	-88	0	30	
2020/21-4	Lab	method blank	5/25/2021	Organic	2,4-Dimethylphenol	n/a	<	1	µg/L	EPA 8270C	1	2			
2020/21-4	Lab	LCS	5/25/2021	Organic	2,4-Dimethylphenol	n/a	=	5.79	µg/L	EPA 8270C	1	2			
2020/21-4	Lab	LCS, rec	5/25/2021	Organic	2,4-Dimethylphenol	n/a	=	58	%	EPA 8270C	-88	-88	31	97	
2020/21-4	Lab	LCS dup	5/25/2021	Organic	2,4-Dimethylphenol	n/a	=	7.05	µg/L	EPA 8270C	1	2			
2020/21-4	Lab	LCS dup, rec	5/25/2021	Organic	2,4-Dimethylphenol	n/a	=	70	%	EPA 8270C	-88	-88	31	97	
2020/21-4	Lab	LCS, RPD	5/25/2021	Organic	2,4-Dimethylphenol	n/a	=	20	%	EPA 8270C	-88	-88	0	30	
2020/21-4	Lab	LCS	5/25/2021	Organic	2,4-Dimethylphenol	n/a	=	6.5	µg/L	EPA 625.1	0.3	1			
2020/21-4	Lab	LCS, rec	5/25/2021	Organic	2,4-Dimethylphenol	n/a	=	65	%	EPA 625.1	-88	-88	42	120	
2020/21-4	Lab	LCS dup	5/25/2021	Organic	2,4-Dimethylphenol	n/a	=	6.67	µg/L	EPA 625.1	0.3	1			
2020/21-4	Lab	LCS dup, rec	5/25/2021	Organic	2,4-Dimethylphenol	n/a	=	67	%	EPA 625.1	-88	-88	42	120	
2020/21-4	Lab	LCS, RPD	5/25/2021	Organic	2,4-Dimethylphenol	n/a	=	3	%	EPA 625.1	-88	-88	0	30	
2020/21-4	Lab	method blank	5/25/2021	Organic	2,4-Dimethylphenol	n/a	<	0.3	µg/L	EPA 625.1	0.3	1			
2020/21-4	Lab	LCS	5/26/2021	Organic	2,4-Dimethylphenol	n/a	=	5.21	µg/L	EPA 625.1	0.3	1			
2020/21-4	Lab	LCS, rec	5/26/2021	Organic	2,4-Dimethylphenol	n/a	=	52	%	EPA 625.1	-88	-88	42	120	
2020/21-4	Lab	LCS dup	5/26/2021	Organic	2,4-Dimethylphenol	n/a	=	1.77	µg/L	EPA 625.1	0.3	1			EUM,IL
2020/21-4	Lab	LCS dup, rec	5/26/2021	Organic	2,4-Dimethylphenol	n/a	=	18	%	EPA 625.1	-88	-88	42	120	EUM,IL
2020/21-4	Lab	LCS, RPD	5/26/2021	Organic	2,4-Dimethylphenol	n/a	=	99	%	EPA 625.1	-88	-88	0	30	IL
2020/21-4	Lab	method blank	5/27/2021	Organic	2,4-Dimethylphenol	n/a	<	0.3	µg/L	EPA 625.1	0.3	1			
2020/21-4	Lab	LCS	5/27/2021	Organic	2,4-Dimethylphenol	n/a	=	2.6	µg/L	EPA 625.1	0.3	1			EUM
2020/21-4	Lab	LCS, rec	5/27/2021	Organic	2,4-Dimethylphenol	n/a	=	26	%	EPA 625.1	-88	-88	42	120	EUM
2020/21-4	Lab	LCS dup	5/27/2021	Organic	2,4-Dimethylphenol	n/a	=	3.1	µg/L	EPA 625.1	0.3	1			EUM
2020/21-4	Lab	LCS dup, rec	5/27/2021	Organic	2,4-Dimethylphenol	n/a	=	31	%	EPA 625.1	-88	-88	42	120	EUM
2020/21-4	Lab	LCS, RPD	5/27/2021	Organic	2,4-Dimethylphenol	n/a	=	17	%	EPA 625.1	-88	-88	0	30	
2020/21-4	Lab	method blank	5/27/2021	Organic	2,4-Dimethylphenol	n/a	<	0.3	µg/L	EPA 625.1	0.3	1			
2020/21-4	Lab	LCS	6/1/2021	Organic	2,4-Dimethylphenol	n/a	=	5.99	µg/L	EPA 625.1	0.3	1			
2020/21-4	Lab	LCS, rec	6/1/2021	Organic	2,4-Dimethylphenol	n/a	=	60	%	EPA 625.1	-88	-88	42	120	
2020/21-4	Lab	LCS dup	6/1/2021	Organic	2,4-Dimethylphenol	n/a	=	6.28	µg/L	EPA 625.1	0.3	1			
2020/21-4	Lab	LCS dup, rec	6/1/2021	Organic	2,4-Dimethylphenol	n/a	=	63	%	EPA 625.1	-88	-88	42	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	
2020/21-4	Lab	LCS, RPD	6/1/2021	Organic	2,4-Dimethylphenol	n/a	=	5	%	EPA 625.1	-88	-88	0	30	
2020/21-4	Lab	method blank	6/2/2021	Organic	2,4-Dimethylphenol	n/a	<	0.3	µg/L	EPA 625.1	0.3	1			
2020/21-4	Lab	method blank	6/3/2021	Organic	2,4-Dimethylphenol	n/a	<	1	µg/L	EPA 8270C	1	2			
2020/21-4	Lab	LCS	6/3/2021	Organic	2,4-Dimethylphenol	n/a	=	5.34	µg/L	EPA 8270C	1	2			
2020/21-4	Lab	LCS, rec	6/3/2021	Organic	2,4-Dimethylphenol	n/a	=	53	%	EPA 8270C	-88	-88	31	97	
2020/21-4	Lab	LCS dup	6/3/2021	Organic	2,4-Dimethylphenol	n/a	=	5.89	µg/L	EPA 8270C	1	2			
2020/21-4	Lab	LCS dup, rec	6/3/2021	Organic	2,4-Dimethylphenol	n/a	=	59	%	EPA 8270C	-88	-88	31	97	
2020/21-4	Lab	LCS, RPD	6/3/2021	Organic	2,4-Dimethylphenol	n/a	=	10	%	EPA 8270C	-88	-88	0	30	
2020/21-4	Lab	LCS	5/18/2021	Organic	2,4-Dinitrophenol	n/a	=	13.6	µg/L	EPA 625.1	1.9	10			
2020/21-4	Lab	LCS, rec	5/18/2021	Organic	2,4-Dinitrophenol	n/a	=	136	%	EPA 625.1	-88	-88	0.1	173	
2020/21-4	Lab	LCS dup	5/18/2021	Organic	2,4-Dinitrophenol	n/a	=	11.5	µg/L	EPA 625.1	1.9	10			
2020/21-4	Lab	LCS dup, rec	5/18/2021	Organic	2,4-Dinitrophenol	n/a	=	115	%	EPA 625.1	-88	-88	0.1	173	
2020/21-4	Lab	LCS, RPD	5/18/2021	Organic	2,4-Dinitrophenol	n/a	=	17	%	EPA 625.1	-88	-88	0	30	
2020/21-4	Lab	method blank	5/18/2021	Organic	2,4-Dinitrophenol	n/a	<	1.9	µg/L	EPA 625.1	1.9	10			
2020/21-4	Lab	method blank	5/24/2021	Organic	2,4-Dinitrophenol	n/a	<	1	µg/L	EPA 8270C	1	2			
2020/21-4	Lab	LCS	5/24/2021	Organic	2,4-Dinitrophenol	n/a	=	17.2	µg/L	EPA 8270C	1	2			EUM
2020/21-4	Lab	LCS, rec	5/24/2021	Organic	2,4-Dinitrophenol	n/a	=	172	%	EPA 8270C	-88	-88	7	155	EUM
2020/21-4	Lab	LCS dup	5/24/2021	Organic	2,4-Dinitrophenol	n/a	=	15.2	µg/L	EPA 8270C	1	2			
2020/21-4	Lab	LCS dup, rec	5/24/2021	Organic	2,4-Dinitrophenol	n/a	=	152	%	EPA 8270C	-88	-88	7	155	
2020/21-4	Lab	LCS, RPD	5/24/2021	Organic	2,4-Dinitrophenol	n/a	=	12	%	EPA 8270C	-88	-88	0	30	
2020/21-4	Lab	method blank	5/24/2021	Organic	2,4-Dinitrophenol	n/a	<	1	µg/L	EPA 8270C	1	2			
2020/21-4	Lab	LCS	5/24/2021	Organic	2,4-Dinitrophenol	n/a	=	13.9	µg/L	EPA 8270C	1	2			
2020/21-4	Lab	LCS, rec	5/24/2021	Organic	2,4-Dinitrophenol	n/a	=	139	%	EPA 8270C	-88	-88	7	155	
2020/21-4	Lab	LCS dup	5/24/2021	Organic	2,4-Dinitrophenol	n/a	=	15.4	µg/L	EPA 8270C	1	2			
2020/21-4	Lab	LCS dup, rec	5/24/2021	Organic	2,4-Dinitrophenol	n/a	=	154	%	EPA 8270C	-88	-88	7	155	
2020/21-4	Lab	LCS, RPD	5/24/2021	Organic	2,4-Dinitrophenol	n/a	=	10	%	EPA 8270C	-88	-88	0	30	
2020/21-4	Lab	method blank	5/25/2021	Organic	2,4-Dinitrophenol	n/a	<	1	µg/L	EPA 8270C	1	2			
2020/21-4	Lab	LCS	5/25/2021	Organic	2,4-Dinitrophenol	n/a	=	12.4	µg/L	EPA 8270C	1	2			
2020/21-4	Lab	LCS, rec	5/25/2021	Organic	2,4-Dinitrophenol	n/a	=	124	%	EPA 8270C	-88	-88	7	155	
2020/21-4	Lab	LCS dup	5/25/2021	Organic	2,4-Dinitrophenol	n/a	=	10.4	µg/L	EPA 8270C	1	2			
2020/21-4	Lab	LCS dup, rec	5/25/2021	Organic	2,4-Dinitrophenol	n/a	=	104	%	EPA 8270C	-88	-88	7	155	
2020/21-4	Lab	LCS, RPD	5/25/2021	Organic	2,4-Dinitrophenol	n/a	=	18	%	EPA 8270C	-88	-88	0	30	
2020/21-4	Lab	LCS	5/25/2021	Organic	2,4-Dinitrophenol	n/a	=	11.1	µg/L	EPA 625.1	1.9	10			
2020/21-4	Lab	LCS, rec	5/25/2021	Organic	2,4-Dinitrophenol	n/a	=	111	%	EPA 625.1	-88	-88	0.1	173	
2020/21-4	Lab	LCS dup	5/25/2021	Organic	2,4-Dinitrophenol	n/a	=	12.3	µg/L	EPA 625.1	1.9	10			
2020/21-4	Lab	LCS dup, rec	5/25/2021	Organic	2,4-Dinitrophenol	n/a	=	123	%	EPA 625.1	-88	-88	0.1	173	
2020/21-4	Lab	LCS, RPD	5/25/2021	Organic	2,4-Dinitrophenol	n/a	=	10	%	EPA 625.1	-88	-88	0	30	
2020/21-4	Lab	method blank	5/25/2021	Organic	2,4-Dinitrophenol	n/a	<	1.9	µg/L	EPA 625.1	1.9	10			
2020/21-4	Lab	LCS	5/26/2021	Organic	2,4-Dinitrophenol	n/a	=	17	µg/L	EPA 625.1	1.9	10			
2020/21-4	Lab	LCS, rec	5/26/2021	Organic	2,4-Dinitrophenol	n/a	=	170	%	EPA 625.1	-88	-88	0.1	173	
2020/21-4	Lab	LCS dup	5/26/2021	Organic	2,4-Dinitrophenol	n/a	=	11.6	µg/L	EPA 625.1	1.9	10			IL
2020/21-4	Lab	LCS dup, rec	5/26/2021	Organic	2,4-Dinitrophenol	n/a	=	116	%	EPA 625.1	-88	-88	0.1	173	IL
2020/21-4	Lab	LCS, RPD	5/26/2021	Organic	2,4-Dinitrophenol	n/a	=	37	%	EPA 625.1	-88	-88	0	30	IL
2020/21-4	Lab	method blank	5/27/2021	Organic	2,4-Dinitrophenol	n/a	<	1.9	µg/L	EPA 625.1	1.9	10			
2020/21-4	Lab	LCS	5/27/2021	Organic	2,4-Dinitrophenol	n/a	=	17.4	µg/L	EPA 625.1	1.9	10			EUM
2020/21-4	Lab	LCS, rec	5/27/2021	Organic	2,4-Dinitrophenol	n/a	=	174	%	EPA 625.1	-88	-88	0.1	173	EUM
2020/21-4	Lab	LCS dup	5/27/2021	Organic	2,4-Dinitrophenol	n/a	=	18.1	µg/L	EPA 625.1	1.9	10			EUM

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2020/21-4	Lab	LCS dup. rec	5/27/2021	Organic	2,4-Dinitrophenol	n/a	=	181	%	EPA 625.1	-88	-88	0.1	173	EUM
2020/21-4	Lab	LCS, RPD	5/27/2021	Organic	2,4-Dinitrophenol	n/a	=	4	%	EPA 625.1	-88	-88	0	30	
2020/21-4	Lab	method blank	5/27/2021	Organic	2,4-Dinitrophenol	n/a	<	1.9	µg/L	EPA 625.1	1.9	10			
2020/21-4	Lab	LCS	6/1/2021	Organic	2,4-Dinitrophenol	n/a	=	15.9	µg/L	EPA 625.1	1.9	10			
2020/21-4	Lab	LCS, rec	6/1/2021	Organic	2,4-Dinitrophenol	n/a	=	159	%	EPA 625.1	-88	-88	0.1	173	
2020/21-4	Lab	LCS dup	6/1/2021	Organic	2,4-Dinitrophenol	n/a	=	17.9	µg/L	EPA 625.1	1.9	10			EUM
2020/21-4	Lab	LCS dup. rec	6/1/2021	Organic	2,4-Dinitrophenol	n/a	=	179	%	EPA 625.1	-88	-88	0.1	173	EUM
2020/21-4	Lab	LCS, RPD	6/1/2021	Organic	2,4-Dinitrophenol	n/a	=	11	%	EPA 625.1	-88	-88	0	30	
2020/21-4	Lab	method blank	6/2/2021	Organic	2,4-Dinitrophenol	n/a	<	1.9	µg/L	EPA 625.1	1.9	10			
2020/21-4	Lab	method blank	6/3/2021	Organic	2,4-Dinitrophenol	n/a	<	1	µg/L	EPA 8270C	1	2			
2020/21-4	Lab	LCS	6/3/2021	Organic	2,4-Dinitrophenol	n/a	=	10.3	µg/L	EPA 8270C	1	2			
2020/21-4	Lab	LCS, rec	6/3/2021	Organic	2,4-Dinitrophenol	n/a	=	103	%	EPA 8270C	-88	-88	7	155	
2020/21-4	Lab	LCS dup	6/3/2021	Organic	2,4-Dinitrophenol	n/a	=	10.3	µg/L	EPA 8270C	1	2			
2020/21-4	Lab	LCS dup. rec	6/3/2021	Organic	2,4-Dinitrophenol	n/a	=	103	%	EPA 8270C	-88	-88	7	155	
2020/21-4	Lab	LCS, RPD	6/3/2021	Organic	2,4-Dinitrophenol	n/a	=	0.3	%	EPA 8270C	-88	-88	0	30	
2020/21-4	Lab	LCS	5/18/2021	Organic	2,4-Dinitrotoluene	n/a	=	11.2	µg/L	EPA 625.1	0.18	1			
2020/21-4	Lab	LCS, rec	5/18/2021	Organic	2,4-Dinitrotoluene	n/a	=	112	%	EPA 625.1	-88	-88	48	127	
2020/21-4	Lab	LCS dup	5/18/2021	Organic	2,4-Dinitrotoluene	n/a	=	10.6	µg/L	EPA 625.1	0.18	1			
2020/21-4	Lab	LCS dup. rec	5/18/2021	Organic	2,4-Dinitrotoluene	n/a	=	106	%	EPA 625.1	-88	-88	48	127	
2020/21-4	Lab	LCS, RPD	5/18/2021	Organic	2,4-Dinitrotoluene	n/a	=	6	%	EPA 625.1	-88	-88	0	30	
2020/21-4	Lab	method blank	5/18/2021	Organic	2,4-Dinitrotoluene	n/a	<	0.18	µg/L	EPA 625.1	0.18	1			
2020/21-4	Lab	LCS	5/25/2021	Organic	2,4-Dinitrotoluene	n/a	=	8.44	µg/L	EPA 625.1	0.18	1			
2020/21-4	Lab	LCS, rec	5/25/2021	Organic	2,4-Dinitrotoluene	n/a	=	84	%	EPA 625.1	-88	-88	48	127	
2020/21-4	Lab	LCS dup	5/25/2021	Organic	2,4-Dinitrotoluene	n/a	=	9.57	µg/L	EPA 625.1	0.18	1			
2020/21-4	Lab	LCS dup. rec	5/25/2021	Organic	2,4-Dinitrotoluene	n/a	=	96	%	EPA 625.1	-88	-88	48	127	
2020/21-4	Lab	LCS, RPD	5/25/2021	Organic	2,4-Dinitrotoluene	n/a	=	13	%	EPA 625.1	-88	-88	0	30	
2020/21-4	Lab	method blank	5/25/2021	Organic	2,4-Dinitrotoluene	n/a	<	0.18	µg/L	EPA 625.1	0.18	1			
2020/21-4	Lab	LCS	5/26/2021	Organic	2,4-Dinitrotoluene	n/a	=	12.7	µg/L	EPA 625.1	0.18	1			
2020/21-4	Lab	LCS, rec	5/26/2021	Organic	2,4-Dinitrotoluene	n/a	=	127	%	EPA 625.1	-88	-88	48	127	
2020/21-4	Lab	LCS dup	5/26/2021	Organic	2,4-Dinitrotoluene	n/a	=	10	µg/L	EPA 625.1	0.18	1			
2020/21-4	Lab	LCS dup. rec	5/26/2021	Organic	2,4-Dinitrotoluene	n/a	=	100	%	EPA 625.1	-88	-88	48	127	
2020/21-4	Lab	LCS, RPD	5/26/2021	Organic	2,4-Dinitrotoluene	n/a	=	24	%	EPA 625.1	-88	-88	0	30	
2020/21-4	Lab	method blank	5/27/2021	Organic	2,4-Dinitrotoluene	n/a	<	0.18	µg/L	EPA 625.1	0.18	1			
2020/21-4	Lab	LCS	5/27/2021	Organic	2,4-Dinitrotoluene	n/a	=	11.4	µg/L	EPA 625.1	0.18	1			
2020/21-4	Lab	LCS, rec	5/27/2021	Organic	2,4-Dinitrotoluene	n/a	=	114	%	EPA 625.1	-88	-88	48	127	
2020/21-4	Lab	LCS dup	5/27/2021	Organic	2,4-Dinitrotoluene	n/a	=	12.2	µg/L	EPA 625.1	0.18	1			
2020/21-4	Lab	LCS dup. rec	5/27/2021	Organic	2,4-Dinitrotoluene	n/a	=	122	%	EPA 625.1	-88	-88	48	127	
2020/21-4	Lab	LCS, RPD	5/27/2021	Organic	2,4-Dinitrotoluene	n/a	=	7	%	EPA 625.1	-88	-88	0	30	
2020/21-4	Lab	method blank	5/27/2021	Organic	2,4-Dinitrotoluene	n/a	<	0.18	µg/L	EPA 625.1	0.18	1			
2020/21-4	Lab	LCS	6/1/2021	Organic	2,4-Dinitrotoluene	n/a	=	9.78	µg/L	EPA 625.1	0.18	1			
2020/21-4	Lab	LCS, rec	6/1/2021	Organic	2,4-Dinitrotoluene	n/a	=	98	%	EPA 625.1	-88	-88	48	127	
2020/21-4	Lab	LCS dup	6/1/2021	Organic	2,4-Dinitrotoluene	n/a	=	11.3	µg/L	EPA 625.1	0.18	1			
2020/21-4	Lab	LCS dup. rec	6/1/2021	Organic	2,4-Dinitrotoluene	n/a	=	113	%	EPA 625.1	-88	-88	48	127	
2020/21-4	Lab	LCS, RPD	6/1/2021	Organic	2,4-Dinitrotoluene	n/a	=	15	%	EPA 625.1	-88	-88	0	30	
2020/21-4	Lab	method blank	6/2/2021	Organic	2,4-Dinitrotoluene	n/a	<	0.18	µg/L	EPA 625.1	0.18	1			
2020/21-4	Lab	LCS	5/18/2021	Organic	2,6-Dinitrotoluene	n/a	=	9.19	µg/L	EPA 625.1	0.27	1			
2020/21-4	Lab	LCS, rec	5/18/2021	Organic	2,6-Dinitrotoluene	n/a	=	92	%	EPA 625.1	-88	-88	68	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	
2020/21-4	Lab	LCS dup	5/18/2021	Organic	2,6-Dinitrotoluene	n/a	=	8.29	µg/L	EPA 625.1	0.27	1			
2020/21-4	Lab	LCS dup, rec	5/18/2021	Organic	2,6-Dinitrotoluene	n/a	=	83	%	EPA 625.1	-88	-88	68	137	
2020/21-4	Lab	LCS, RPD	5/18/2021	Organic	2,6-Dinitrotoluene	n/a	=	10	%	EPA 625.1	-88	-88	0	30	
2020/21-4	Lab	method blank	5/18/2021	Organic	2,6-Dinitrotoluene	n/a	<	0.27	µg/L	EPA 625.1	0.27	1			
2020/21-4	Lab	LCS	5/25/2021	Organic	2,6-Dinitrotoluene	n/a	=	5.88	µg/L	EPA 625.1	0.27	1			EUM
2020/21-4	Lab	LCS, rec	5/25/2021	Organic	2,6-Dinitrotoluene	n/a	=	59	%	EPA 625.1	-88	-88	68	137	EUM
2020/21-4	Lab	LCS dup	5/25/2021	Organic	2,6-Dinitrotoluene	n/a	=	6.48	µg/L	EPA 625.1	0.27	1			EUM
2020/21-4	Lab	LCS dup, rec	5/25/2021	Organic	2,6-Dinitrotoluene	n/a	=	65	%	EPA 625.1	-88	-88	68	137	EUM
2020/21-4	Lab	LCS, RPD	5/25/2021	Organic	2,6-Dinitrotoluene	n/a	=	10	%	EPA 625.1	-88	-88	0	30	
2020/21-4	Lab	method blank	5/25/2021	Organic	2,6-Dinitrotoluene	n/a	<	0.27	µg/L	EPA 625.1	0.27	1			
2020/21-4	Lab	LCS	5/26/2021	Organic	2,6-Dinitrotoluene	n/a	=	9.24	µg/L	EPA 625.1	0.27	1			
2020/21-4	Lab	LCS, rec	5/26/2021	Organic	2,6-Dinitrotoluene	n/a	=	92	%	EPA 625.1	-88	-88	68	137	
2020/21-4	Lab	LCS dup	5/26/2021	Organic	2,6-Dinitrotoluene	n/a	=	6.7	µg/L	EPA 625.1	0.27	1			EUM,IL
2020/21-4	Lab	LCS dup, rec	5/26/2021	Organic	2,6-Dinitrotoluene	n/a	=	67	%	EPA 625.1	-88	-88	68	137	EUM,IL
2020/21-4	Lab	LCS, RPD	5/26/2021	Organic	2,6-Dinitrotoluene	n/a	=	32	%	EPA 625.1	-88	-88	0	30	IL
2020/21-4	Lab	method blank	5/27/2021	Organic	2,6-Dinitrotoluene	n/a	<	0.27	µg/L	EPA 625.1	0.27	1			
2020/21-4	Lab	LCS	5/27/2021	Organic	2,6-Dinitrotoluene	n/a	=	9.14	µg/L	EPA 625.1	0.27	1			
2020/21-4	Lab	LCS, rec	5/27/2021	Organic	2,6-Dinitrotoluene	n/a	=	91	%	EPA 625.1	-88	-88	68	137	
2020/21-4	Lab	LCS dup	5/27/2021	Organic	2,6-Dinitrotoluene	n/a	=	9.34	µg/L	EPA 625.1	0.27	1			
2020/21-4	Lab	LCS dup, rec	5/27/2021	Organic	2,6-Dinitrotoluene	n/a	=	93	%	EPA 625.1	-88	-88	68	137	
2020/21-4	Lab	LCS, RPD	5/27/2021	Organic	2,6-Dinitrotoluene	n/a	=	2	%	EPA 625.1	-88	-88	0	30	
2020/21-4	Lab	method blank	5/27/2021	Organic	2,6-Dinitrotoluene	n/a	<	0.27	µg/L	EPA 625.1	0.27	1			
2020/21-4	Lab	LCS	6/1/2021	Organic	2,6-Dinitrotoluene	n/a	=	7.19	µg/L	EPA 625.1	0.27	1			
2020/21-4	Lab	LCS, rec	6/1/2021	Organic	2,6-Dinitrotoluene	n/a	=	72	%	EPA 625.1	-88	-88	68	137	
2020/21-4	Lab	LCS dup	6/1/2021	Organic	2,6-Dinitrotoluene	n/a	=	8.48	µg/L	EPA 625.1	0.27	1			
2020/21-4	Lab	LCS dup, rec	6/1/2021	Organic	2,6-Dinitrotoluene	n/a	=	85	%	EPA 625.1	-88	-88	68	137	
2020/21-4	Lab	LCS, RPD	6/1/2021	Organic	2,6-Dinitrotoluene	n/a	=	16	%	EPA 625.1	-88	-88	0	30	
2020/21-4	Lab	method blank	6/2/2021	Organic	2,6-Dinitrotoluene	n/a	<	0.27	µg/L	EPA 625.1	0.27	1			
2020/21-4	Lab	LCS	5/18/2021	Organic	2-Chloronaphthalene	n/a	=	8.74	µg/L	EPA 625.1	0.45	1			
2020/21-4	Lab	LCS, rec	5/18/2021	Organic	2-Chloronaphthalene	n/a	=	87	%	EPA 625.1	-88	-88	65	120	
2020/21-4	Lab	LCS dup	5/18/2021	Organic	2-Chloronaphthalene	n/a	=	7.78	µg/L	EPA 625.1	0.45	1			
2020/21-4	Lab	LCS dup, rec	5/18/2021	Organic	2-Chloronaphthalene	n/a	=	78	%	EPA 625.1	-88	-88	65	120	
2020/21-4	Lab	LCS, RPD	5/18/2021	Organic	2-Chloronaphthalene	n/a	=	12	%	EPA 625.1	-88	-88	0	30	
2020/21-4	Lab	method blank	5/18/2021	Organic	2-Chloronaphthalene	n/a	<	0.45	µg/L	EPA 625.1	0.45	1			
2020/21-4	Lab	LCS	5/25/2021	Organic	2-Chloronaphthalene	n/a	=	5.9	µg/L	EPA 625.1	0.45	1			EUM
2020/21-4	Lab	LCS, rec	5/25/2021	Organic	2-Chloronaphthalene	n/a	=	59	%	EPA 625.1	-88	-88	65	120	EUM
2020/21-4	Lab	LCS dup	5/25/2021	Organic	2-Chloronaphthalene	n/a	=	6.27	µg/L	EPA 625.1	0.45	1			EUM
2020/21-4	Lab	LCS dup, rec	5/25/2021	Organic	2-Chloronaphthalene	n/a	=	63	%	EPA 625.1	-88	-88	65	120	EUM
2020/21-4	Lab	LCS, RPD	5/25/2021	Organic	2-Chloronaphthalene	n/a	=	6	%	EPA 625.1	-88	-88	0	30	
2020/21-4	Lab	method blank	5/25/2021	Organic	2-Chloronaphthalene	n/a	<	0.45	µg/L	EPA 625.1	0.45	1			
2020/21-4	Lab	LCS	5/26/2021	Organic	2-Chloronaphthalene	n/a	=	8.54	µg/L	EPA 625.1	0.45	1			
2020/21-4	Lab	LCS, rec	5/26/2021	Organic	2-Chloronaphthalene	n/a	=	85	%	EPA 625.1	-88	-88	65	120	
2020/21-4	Lab	LCS dup	5/26/2021	Organic	2-Chloronaphthalene	n/a	=	6.33	µg/L	EPA 625.1	0.45	1			EUM
2020/21-4	Lab	LCS dup, rec	5/26/2021	Organic	2-Chloronaphthalene	n/a	=	63	%	EPA 625.1	-88	-88	65	120	EUM
2020/21-4	Lab	LCS, RPD	5/26/2021	Organic	2-Chloronaphthalene	n/a	=	30	%	EPA 625.1	-88	-88	0	30	
2020/21-4	Lab	method blank	5/27/2021	Organic	2-Chloronaphthalene	n/a	<	0.45	µg/L	EPA 625.1	0.45	1			
2020/21-4	Lab	LCS	5/27/2021	Organic	2-Chloronaphthalene	n/a	=	7.94	µg/L	EPA 625.1	0.45	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	
2020/21-4	Lab	LCS, rec	5/27/2021	Organic	2-Chloronaphthalene	n/a	=	79	%	EPA 625.1	-88	-88	65	120	
2020/21-4	Lab	LCS dup	5/27/2021	Organic	2-Chloronaphthalene	n/a	=	8.16	µg/L	EPA 625.1	0.45	1			
2020/21-4	Lab	LCS dup, rec	5/27/2021	Organic	2-Chloronaphthalene	n/a	=	82	%	EPA 625.1	-88	-88	65	120	
2020/21-4	Lab	LCS, RPD	5/27/2021	Organic	2-Chloronaphthalene	n/a	=	3	%	EPA 625.1	-88	-88	0	30	
2020/21-4	Lab	method blank	5/27/2021	Organic	2-Chloronaphthalene	n/a	<	0.45	µg/L	EPA 625.1	0.45	1			
2020/21-4	Lab	LCS	6/1/2021	Organic	2-Chloronaphthalene	n/a	=	6.65	µg/L	EPA 625.1	0.45	1			
2020/21-4	Lab	LCS, rec	6/1/2021	Organic	2-Chloronaphthalene	n/a	=	67	%	EPA 625.1	-88	-88	65	120	
2020/21-4	Lab	LCS dup	6/1/2021	Organic	2-Chloronaphthalene	n/a	=	7.75	µg/L	EPA 625.1	0.45	1			
2020/21-4	Lab	LCS dup, rec	6/1/2021	Organic	2-Chloronaphthalene	n/a	=	78	%	EPA 625.1	-88	-88	65	120	
2020/21-4	Lab	LCS, RPD	6/1/2021	Organic	2-Chloronaphthalene	n/a	=	15	%	EPA 625.1	-88	-88	0	30	
2020/21-4	Lab	method blank	6/2/2021	Organic	2-Chloronaphthalene	n/a	<	0.45	µg/L	EPA 625.1	0.45	1			
2020/21-4	Lab	LCS	5/18/2021	Organic	2-Chlorophenol	n/a	=	8.21	µg/L	EPA 625.1	0.28	1			
2020/21-4	Lab	LCS, rec	5/18/2021	Organic	2-Chlorophenol	n/a	=	82	%	EPA 625.1	-88	-88	36	120	
2020/21-4	Lab	LCS dup	5/18/2021	Organic	2-Chlorophenol	n/a	=	7.21	µg/L	EPA 625.1	0.28	1			
2020/21-4	Lab	LCS dup, rec	5/18/2021	Organic	2-Chlorophenol	n/a	=	72	%	EPA 625.1	-88	-88	36	120	
2020/21-4	Lab	LCS, RPD	5/18/2021	Organic	2-Chlorophenol	n/a	=	13	%	EPA 625.1	-88	-88	0	30	
2020/21-4	Lab	method blank	5/18/2021	Organic	2-Chlorophenol	n/a	<	0.28	µg/L	EPA 625.1	0.28	1			
2020/21-4	Lab	method blank	5/24/2021	Organic	2-Chlorophenol	n/a	<	0.65	µg/L	EPA 8270C	0.65	1			
2020/21-4	Lab	LCS	5/24/2021	Organic	2-Chlorophenol	n/a	=	9.73	µg/L	EPA 8270C	0.65	1			EUM
2020/21-4	Lab	LCS, rec	5/24/2021	Organic	2-Chlorophenol	n/a	=	97	%	EPA 8270C	-88	-88	27	90	EUM
2020/21-4	Lab	LCS dup	5/24/2021	Organic	2-Chlorophenol	n/a	=	7.47	µg/L	EPA 8270C	0.65	1			
2020/21-4	Lab	LCS dup, rec	5/24/2021	Organic	2-Chlorophenol	n/a	=	75	%	EPA 8270C	-88	-88	27	90	
2020/21-4	Lab	LCS, RPD	5/24/2021	Organic	2-Chlorophenol	n/a	=	26	%	EPA 8270C	-88	-88	0	30	
2020/21-4	Lab	method blank	5/24/2021	Organic	2-Chlorophenol	n/a	<	0.65	µg/L	EPA 8270C	0.65	1			
2020/21-4	Lab	LCS	5/24/2021	Organic	2-Chlorophenol	n/a	=	8.46	µg/L	EPA 8270C	0.65	1			
2020/21-4	Lab	LCS, rec	5/24/2021	Organic	2-Chlorophenol	n/a	=	85	%	EPA 8270C	-88	-88	27	90	
2020/21-4	Lab	LCS dup	5/24/2021	Organic	2-Chlorophenol	n/a	=	9.29	µg/L	EPA 8270C	0.65	1			EUM
2020/21-4	Lab	LCS dup, rec	5/24/2021	Organic	2-Chlorophenol	n/a	=	93	%	EPA 8270C	-88	-88	27	90	EUM
2020/21-4	Lab	LCS, RPD	5/24/2021	Organic	2-Chlorophenol	n/a	=	9	%	EPA 8270C	-88	-88	0	30	
2020/21-4	Lab	method blank	5/25/2021	Organic	2-Chlorophenol	n/a	<	0.65	µg/L	EPA 8270C	0.65	1			
2020/21-4	Lab	LCS	5/25/2021	Organic	2-Chlorophenol	n/a	=	8.1	µg/L	EPA 8270C	0.65	1			
2020/21-4	Lab	LCS, rec	5/25/2021	Organic	2-Chlorophenol	n/a	=	81	%	EPA 8270C	-88	-88	27	90	
2020/21-4	Lab	LCS dup	5/25/2021	Organic	2-Chlorophenol	n/a	=	6.78	µg/L	EPA 8270C	0.65	1			
2020/21-4	Lab	LCS dup, rec	5/25/2021	Organic	2-Chlorophenol	n/a	=	68	%	EPA 8270C	-88	-88	27	90	
2020/21-4	Lab	LCS, RPD	5/25/2021	Organic	2-Chlorophenol	n/a	=	18	%	EPA 8270C	-88	-88	0	30	
2020/21-4	Lab	LCS	5/25/2021	Organic	2-Chlorophenol	n/a	=	6.75	µg/L	EPA 625.1	0.28	1			
2020/21-4	Lab	LCS, rec	5/25/2021	Organic	2-Chlorophenol	n/a	=	67	%	EPA 625.1	-88	-88	36	120	
2020/21-4	Lab	LCS dup	5/25/2021	Organic	2-Chlorophenol	n/a	=	6.92	µg/L	EPA 625.1	0.28	1			
2020/21-4	Lab	LCS dup, rec	5/25/2021	Organic	2-Chlorophenol	n/a	=	69	%	EPA 625.1	-88	-88	36	120	
2020/21-4	Lab	LCS, RPD	5/25/2021	Organic	2-Chlorophenol	n/a	=	2	%	EPA 625.1	-88	-88	0	30	
2020/21-4	Lab	method blank	5/25/2021	Organic	2-Chlorophenol	n/a	<	0.28	µg/L	EPA 625.1	0.28	1			
2020/21-4	Lab	LCS	5/26/2021	Organic	2-Chlorophenol	n/a	=	8.66	µg/L	EPA 625.1	0.28	1			
2020/21-4	Lab	LCS, rec	5/26/2021	Organic	2-Chlorophenol	n/a	=	87	%	EPA 625.1	-88	-88	36	120	
2020/21-4	Lab	LCS dup	5/26/2021	Organic	2-Chlorophenol	n/a	=	6.58	µg/L	EPA 625.1	0.28	1			
2020/21-4	Lab	LCS dup, rec	5/26/2021	Organic	2-Chlorophenol	n/a	=	66	%	EPA 625.1	-88	-88	36	120	
2020/21-4	Lab	LCS, RPD	5/26/2021	Organic	2-Chlorophenol	n/a	=	27	%	EPA 625.1	-88	-88	0	30	
2020/21-4	Lab	method blank	5/27/2021	Organic	2-Chlorophenol	n/a	<	0.28	µg/L	EPA 625.1	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	
2020/21-4	Lab	LCS	5/27/2021	Organic	2-Chlorophenol	n/a	=	7.53	µg/L	EPA 625.1	0.28	1			
2020/21-4	Lab	LCS, rec	5/27/2021	Organic	2-Chlorophenol	n/a	=	75	%	EPA 625.1	-88	-88	36	120	
2020/21-4	Lab	LCS dup	5/27/2021	Organic	2-Chlorophenol	n/a	=	8.29	µg/L	EPA 625.1	0.28	1			
2020/21-4	Lab	LCS dup, rec	5/27/2021	Organic	2-Chlorophenol	n/a	=	83	%	EPA 625.1	-88	-88	36	120	
2020/21-4	Lab	LCS, RPD	5/27/2021	Organic	2-Chlorophenol	n/a	=	10	%	EPA 625.1	-88	-88	0	30	
2020/21-4	Lab	method blank	5/27/2021	Organic	2-Chlorophenol	n/a	<	0.28	µg/L	EPA 625.1	0.28	1			
2020/21-4	Lab	LCS	6/1/2021	Organic	2-Chlorophenol	n/a	=	6.9	µg/L	EPA 625.1	0.28	1			
2020/21-4	Lab	LCS, rec	6/1/2021	Organic	2-Chlorophenol	n/a	=	69	%	EPA 625.1	-88	-88	36	120	
2020/21-4	Lab	LCS dup	6/1/2021	Organic	2-Chlorophenol	n/a	=	7.24	µg/L	EPA 625.1	0.28	1			
2020/21-4	Lab	LCS dup, rec	6/1/2021	Organic	2-Chlorophenol	n/a	=	72	%	EPA 625.1	-88	-88	36	120	
2020/21-4	Lab	LCS, RPD	6/1/2021	Organic	2-Chlorophenol	n/a	=	5	%	EPA 625.1	-88	-88	0	30	
2020/21-4	Lab	method blank	6/2/2021	Organic	2-Chlorophenol	n/a	<	0.28	µg/L	EPA 625.1	0.28	1			
2020/21-4	Lab	method blank	6/3/2021	Organic	2-Chlorophenol	n/a	<	0.65	µg/L	EPA 8270C	0.65	1			
2020/21-4	Lab	LCS	6/3/2021	Organic	2-Chlorophenol	n/a	=	6.04	µg/L	EPA 8270C	0.65	1			
2020/21-4	Lab	LCS, rec	6/3/2021	Organic	2-Chlorophenol	n/a	=	60	%	EPA 8270C	-88	-88	27	90	
2020/21-4	Lab	LCS dup	6/3/2021	Organic	2-Chlorophenol	n/a	=	6.45	µg/L	EPA 8270C	0.65	1			
2020/21-4	Lab	LCS dup, rec	6/3/2021	Organic	2-Chlorophenol	n/a	=	64	%	EPA 8270C	-88	-88	27	90	
2020/21-4	Lab	LCS, RPD	6/3/2021	Organic	2-Chlorophenol	n/a	=	7	%	EPA 8270C	-88	-88	0	30	
2020/21-4	Lab	srgt method blank	5/5/2021	Organic	2-Fluorobiphenyl	n/a	=	4.74	µg/L	EPA 8270C	-88	-88			
2020/21-4	Lab	srgt method blank, rec	5/5/2021	Organic	2-Fluorobiphenyl	n/a	=	95	%	EPA 8270C	-88	-88	51	139	
2020/21-4	Lab	srgt LCS	5/5/2021	Organic	2-Fluorobiphenyl	n/a	=	5.14	µg/L	EPA 8270C	-88	-88			
2020/21-4	Lab	srgt LCS, rec	5/5/2021	Organic	2-Fluorobiphenyl	n/a	=	103	%	EPA 8270C	-88	-88	51	139	
2020/21-4	Lab	srgt LCS dup	5/5/2021	Organic	2-Fluorobiphenyl	n/a	=	3.97	µg/L	EPA 8270C	-88	-88			
2020/21-4	Lab	srgt LCS dup, rec	5/5/2021	Organic	2-Fluorobiphenyl	n/a	=	79	%	EPA 8270C	-88	-88	51	139	
2020/21-4	Lab	srgt method blank	5/5/2021	Organic	2-Fluorobiphenyl	n/a	=	4.12	µg/L	EPA 8270C	-88	-88			
2020/21-4	Lab	srgt method blank, rec	5/5/2021	Organic	2-Fluorobiphenyl	n/a	=	82	%	EPA 8270C	-88	-88	51	139	
2020/21-4	Lab	srgt LCS	5/5/2021	Organic	2-Fluorobiphenyl	n/a	=	4.02	µg/L	EPA 8270C	-88	-88			
2020/21-4	Lab	srgt LCS, rec	5/5/2021	Organic	2-Fluorobiphenyl	n/a	=	80	%	EPA 8270C	-88	-88	51	139	
2020/21-4	Lab	srgt LCS dup	5/5/2021	Organic	2-Fluorobiphenyl	n/a	=	4.3	µg/L	EPA 8270C	-88	-88			
2020/21-4	Lab	srgt LCS dup, rec	5/5/2021	Organic	2-Fluorobiphenyl	n/a	=	86	%	EPA 8270C	-88	-88	51	139	
2020/21-4	Lab	srgt LCS	5/18/2021	Organic	2-Fluorobiphenyl	n/a	=	4.63	µg/L	EPA 625.1	-88	-88			
2020/21-4	Lab	srgt LCS, rec	5/18/2021	Organic	2-Fluorobiphenyl	n/a	=	93	%	EPA 625.1	-88	-88	22	120	
2020/21-4	Lab	srgt LCS dup	5/18/2021	Organic	2-Fluorobiphenyl	n/a	=	4.08	µg/L	EPA 625.1	-88	-88			
2020/21-4	Lab	srgt LCS dup, rec	5/18/2021	Organic	2-Fluorobiphenyl	n/a	=	82	%	EPA 625.1	-88	-88	22	120	
2020/21-4	Lab	srgt method blank	5/18/2021	Organic	2-Fluorobiphenyl	n/a	=	4.49	µg/L	EPA 625.1	-88	-88			
2020/21-4	Lab	srgt method blank, rec	5/18/2021	Organic	2-Fluorobiphenyl	n/a	=	90	%	EPA 625.1	-88	-88	22	120	
2020/21-4	Lab	srgt LCS	5/25/2021	Organic	2-Fluorobiphenyl	n/a	=	3.24	µg/L	EPA 625.1	-88	-88			
2020/21-4	Lab	srgt LCS, rec	5/25/2021	Organic	2-Fluorobiphenyl	n/a	=	65	%	EPA 625.1	-88	-88	22	120	
2020/21-4	Lab	srgt LCS dup	5/25/2021	Organic	2-Fluorobiphenyl	n/a	=	3.41	µg/L	EPA 625.1	-88	-88			
2020/21-4	Lab	srgt LCS dup, rec	5/25/2021	Organic	2-Fluorobiphenyl	n/a	=	68	%	EPA 625.1	-88	-88	22	120	
2020/21-4	Lab	srgt method blank	5/25/2021	Organic	2-Fluorobiphenyl	n/a	=	3.17	µg/L	EPA 625.1	-88	-88			
2020/21-4	Lab	srgt method blank, rec	5/25/2021	Organic	2-Fluorobiphenyl	n/a	=	63	%	EPA 625.1	-88	-88	22	120	
2020/21-4	Lab	srgt LCS	5/26/2021	Organic	2-Fluorobiphenyl	n/a	=	4.43	µg/L	EPA 625.1	-88	-88			
2020/21-4	Lab	srgt LCS, rec	5/26/2021	Organic	2-Fluorobiphenyl	n/a	=	89	%	EPA 625.1	-88	-88	22	120	
2020/21-4	Lab	srgt LCS dup	5/26/2021	Organic	2-Fluorobiphenyl	n/a	=	3.19	µg/L	EPA 625.1	-88	-88			
2020/21-4	Lab	srgt LCS dup, rec	5/26/2021	Organic	2-Fluorobiphenyl	n/a	=	64	%	EPA 625.1	-88	-88	22	120	
2020/21-4	Lab	srgt method blank	5/27/2021	Organic	2-Fluorobiphenyl	n/a	=	4.16	µg/L	EPA 625.1	-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	
2020/21-4	Lab	srgt method blank, rec	5/27/2021	Organic	2-Fluorobiphenyl	n/a	=	83	%	EPA 625.1	-88	-88	22	120	
2020/21-4	Lab	srgt LCS	5/27/2021	Organic	2-Fluorobiphenyl	n/a	=	3.78	µg/L	EPA 625.1	-88	-88			
2020/21-4	Lab	srgt LCS, rec	5/27/2021	Organic	2-Fluorobiphenyl	n/a	=	76	%	EPA 625.1	-88	-88	22	120	
2020/21-4	Lab	srgt LCS dup	5/27/2021	Organic	2-Fluorobiphenyl	n/a	=	3.83	µg/L	EPA 625.1	-88	-88			
2020/21-4	Lab	srgt LCS dup, rec	5/27/2021	Organic	2-Fluorobiphenyl	n/a	=	77	%	EPA 625.1	-88	-88	22	120	
2020/21-4	Lab	srgt method blank	5/27/2021	Organic	2-Fluorobiphenyl	n/a	=	3.56	µg/L	EPA 625.1	-88	-88			
2020/21-4	Lab	srgt method blank, rec	5/27/2021	Organic	2-Fluorobiphenyl	n/a	=	71	%	EPA 625.1	-88	-88	22	120	
2020/21-4	Lab	srgt LCS	5/28/2021	Organic	2-Fluorobiphenyl	n/a	=	3.92	µg/L	EPA 625.1	-88	-88			
2020/21-4	Lab	srgt LCS, rec	5/28/2021	Organic	2-Fluorobiphenyl	n/a	=	78	%	EPA 625.1	-88	-88	22	120	
2020/21-4	Lab	srgt LCS dup	5/28/2021	Organic	2-Fluorobiphenyl	n/a	=	3.42	µg/L	EPA 625.1	-88	-88			
2020/21-4	Lab	srgt LCS dup, rec	5/28/2021	Organic	2-Fluorobiphenyl	n/a	=	68	%	EPA 625.1	-88	-88	22	120	
2020/21-4	Lab	srgt method blank	5/28/2021	Organic	2-Fluorobiphenyl	n/a	=	3.92	µg/L	EPA 625.1	-88	-88			
2020/21-4	Lab	srgt method blank, rec	5/28/2021	Organic	2-Fluorobiphenyl	n/a	=	78	%	EPA 625.1	-88	-88	22	120	
2020/21-4	Lab	srgt LCS	6/1/2021	Organic	2-Fluorobiphenyl	n/a	=	3.67	µg/L	EPA 625.1	-88	-88			
2020/21-4	Lab	srgt LCS, rec	6/1/2021	Organic	2-Fluorobiphenyl	n/a	=	71	%	EPA 625.1	-88	-88	22	120	
2020/21-4	Lab	srgt LCS dup	6/1/2021	Organic	2-Fluorobiphenyl	n/a	=	4.19	µg/L	EPA 625.1	-88	-88			
2020/21-4	Lab	srgt LCS dup, rec	6/1/2021	Organic	2-Fluorobiphenyl	n/a	=	84	%	EPA 625.1	-88	-88	22	120	
2020/21-4	Lab	srgt method blank	6/2/2021	Organic	2-Fluorobiphenyl	n/a	=	3.61	µg/L	EPA 625.1	-88	-88			
2020/21-4	Lab	srgt method blank, rec	6/2/2021	Organic	2-Fluorobiphenyl	n/a	=	72	%	EPA 625.1	-88	-88	22	120	
2020/21-4	Lab	srgt method blank	6/3/2021	Organic	2-Fluorobiphenyl	n/a	=	4.15	µg/L	EPA 8270C	-88	-88			
2020/21-4	Lab	srgt method blank, rec	6/3/2021	Organic	2-Fluorobiphenyl	n/a	=	83	%	EPA 8270C	-88	-88	51	139	
2020/21-4	Lab	srgt LCS	6/3/2021	Organic	2-Fluorobiphenyl	n/a	=	4.06	µg/L	EPA 8270C	-88	-88			
2020/21-4	Lab	srgt LCS, rec	6/3/2021	Organic	2-Fluorobiphenyl	n/a	=	81	%	EPA 8270C	-88	-88	51	139	
2020/21-4	Lab	srgt LCS dup	6/3/2021	Organic	2-Fluorobiphenyl	n/a	=	4.27	µg/L	EPA 8270C	-88	-88			
2020/21-4	Lab	srgt LCS dup, rec	6/3/2021	Organic	2-Fluorobiphenyl	n/a	=	85	%	EPA 8270C	-88	-88	51	139	
2020/21-4	Lab	srgt method blank	6/17/2021	Organic	2-Fluorobiphenyl	n/a	=	3.24	µg/L	EPA 8270C	-88	-88			
2020/21-4	Lab	srgt method blank, rec	6/17/2021	Organic	2-Fluorobiphenyl	n/a	=	65	%	EPA 8270C	-88	-88	51	139	
2020/21-4	Lab	srgt LCS	6/17/2021	Organic	2-Fluorobiphenyl	n/a	=	3.1	µg/L	EPA 8270C	-88	-88			
2020/21-4	Lab	srgt LCS, rec	6/17/2021	Organic	2-Fluorobiphenyl	n/a	=	62	%	EPA 8270C	-88	-88	51	139	
2020/21-4	Lab	srgt LCS dup	6/18/2021	Organic	2-Fluorobiphenyl	n/a	=	3.33	µg/L	EPA 8270C	-88	-88			
2020/21-4	Lab	srgt LCS dup, rec	6/18/2021	Organic	2-Fluorobiphenyl	n/a	=	67	%	EPA 8270C	-88	-88	51	139	
2020/21-4	ME-CC	srgt environ	5/5/2021	Organic	2-Fluorobiphenyl	n/a	=	4.01	µg/L	EPA 8270C	-88	-88			
2020/21-4	ME-CC	srgt environ, rec	5/5/2021	Organic	2-Fluorobiphenyl	n/a	=	80	%	EPA 8270C	-88	-88	51	139	
2020/21-4	ME-CC	srgt environ	5/27/2021	Organic	2-Fluorobiphenyl	n/a	=	3.99	µg/L	EPA 625.1	-88	-88			
2020/21-4	ME-CC	srgt environ, rec	5/27/2021	Organic	2-Fluorobiphenyl	n/a	=	80	%	EPA 625.1	-88	-88	22	120	
2020/21-4	ME-SCR	srgt environ	5/5/2021	Organic	2-Fluorobiphenyl	n/a	=	4.55	µg/L	EPA 8270C	-88	-88			
2020/21-4	ME-SCR	srgt environ, rec	5/5/2021	Organic	2-Fluorobiphenyl	n/a	=	91	%	EPA 8270C	-88	-88	51	139	
2020/21-4	ME-SCR	srgt environ	5/27/2021	Organic	2-Fluorobiphenyl	n/a	=	4.35	µg/L	EPA 625.1	-88	-88			
2020/21-4	ME-SCR	srgt environ, rec	5/27/2021	Organic	2-Fluorobiphenyl	n/a	=	86	%	EPA 625.1	-88	-88	22	120	
2020/21-4	ME-VR2	srgt environ	5/19/2021	Organic	2-Fluorobiphenyl	n/a	=	4.46	µg/L	EPA 625.1	-88	-88			
2020/21-4	ME-VR2	srgt environ, rec	5/19/2021	Organic	2-Fluorobiphenyl	n/a	=	88	%	EPA 625.1	-88	-88	22	120	
2020/21-4	ME-VR2	srgt environ	6/3/2021	Organic	2-Fluorobiphenyl	n/a	=	3.32	µg/L	EPA 8270C	-88	-88			
2020/21-4	ME-VR2	srgt environ, rec	6/3/2021	Organic	2-Fluorobiphenyl	n/a	=	66	%	EPA 8270C	-88	-88	51	139	
2020/21-4	MO-CAM	srgt environ	5/5/2021	Organic	2-Fluorobiphenyl	n/a	=	21.4	µg/L	EPA 8270C	-88	-88			GN
2020/21-4	MO-CAM	srgt environ, rec	5/5/2021	Organic	2-Fluorobiphenyl	n/a	=	43	%	EPA 8270C	-88	-88	51	139	GN
2020/21-4	MO-CAM	srgt environ	5/27/2021	Organic	2-Fluorobiphenyl	n/a	=	20.1	µg/L	EPA 625.1	-88	-88			
2020/21-4	MO-CAM	srgt environ, rec	5/27/2021	Organic	2-Fluorobiphenyl	n/a	=	40	%	EPA 625.1	-88	-88	22	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	
2020/21-4	MO-FIL	srgt environ	5/5/2021	Organic	2-Fluorobiphenyl	n/a	=	4.24	µg/L	EPA 8270C	-88	-88			
2020/21-4	MO-FIL	srgt environ, rec	5/5/2021	Organic	2-Fluorobiphenyl	n/a	=	85	%	EPA 8270C	-88	-88	51	139	
2020/21-4	MO-FIL	srgt environ	5/27/2021	Organic	2-Fluorobiphenyl	n/a	=	3.98	µg/L	EPA 625.1	-88	-88			
2020/21-4	MO-FIL	srgt environ, rec	5/27/2021	Organic	2-Fluorobiphenyl	n/a	=	77	%	EPA 625.1	-88	-88	22	120	
2020/21-4	MO-HUE	srgt environ	5/19/2021	Organic	2-Fluorobiphenyl	n/a	=	8.28	µg/L	EPA 625.1	-88	-88			
2020/21-4	MO-HUE	srgt environ, rec	5/19/2021	Organic	2-Fluorobiphenyl	n/a	=	83	%	EPA 625.1	-88	-88	22	120	
2020/21-4	MO-HUE	srgt environ	6/3/2021	Organic	2-Fluorobiphenyl	n/a	=	9.16	µg/L	EPA 8270C	-88	-88			
2020/21-4	MO-HUE	srgt environ, rec	6/3/2021	Organic	2-Fluorobiphenyl	n/a	=	92	%	EPA 8270C	-88	-88	51	139	
2020/21-4	MO-MPK	srgt environ	5/5/2021	Organic	2-Fluorobiphenyl	n/a	=	28.3	µg/L	EPA 8270C	-88	-88			
2020/21-4	MO-MPK	srgt environ, rec	5/5/2021	Organic	2-Fluorobiphenyl	n/a	=	57	%	EPA 8270C	-88	-88	51	139	
2020/21-4	MO-MPK	srgt environ	5/27/2021	Organic	2-Fluorobiphenyl	n/a	=	28.2	µg/L	EPA 625.1	-88	-88			
2020/21-4	MO-MPK	srgt environ, rec	5/27/2021	Organic	2-Fluorobiphenyl	n/a	=	56	%	EPA 625.1	-88	-88	22	120	
2020/21-4	MO-OJA	srgt environ	5/25/2021	Organic	2-Fluorobiphenyl	n/a	=	3.06	µg/L	EPA 625.1	-88	-88			
2020/21-4	MO-OJA	srgt environ, rec	5/25/2021	Organic	2-Fluorobiphenyl	n/a	=	60	%	EPA 625.1	-88	-88	22	120	
2020/21-4	MO-OJA	srgt environ	6/18/2021	Organic	2-Fluorobiphenyl	n/a	=	3.1	µg/L	EPA 8270C	-88	-88			
2020/21-4	MO-OJA	srgt environ, rec	6/18/2021	Organic	2-Fluorobiphenyl	n/a	=	61	%	EPA 8270C	-88	-88	51	139	
2020/21-4	MO-SIM	srgt environ	5/5/2021	Organic	2-Fluorobiphenyl	n/a	=	3.81	µg/L	EPA 8270C	-88	-88			
2020/21-4	MO-SIM	srgt environ, rec	5/5/2021	Organic	2-Fluorobiphenyl	n/a	=	76	%	EPA 8270C	-88	-88	51	139	
2020/21-4	MO-SIM	srgt environ	5/27/2021	Organic	2-Fluorobiphenyl	n/a	=	3.79	µg/L	EPA 625.1	-88	-88			
2020/21-4	MO-SIM	srgt environ, rec	5/27/2021	Organic	2-Fluorobiphenyl	n/a	=	76	%	EPA 625.1	-88	-88	22	120	
2020/21-4	MO-THO	srgt environ	5/5/2021	Organic	2-Fluorobiphenyl	n/a	=	3.48	µg/L	EPA 8270C	-88	-88			
2020/21-4	MO-THO	srgt environ, rec	5/5/2021	Organic	2-Fluorobiphenyl	n/a	=	70	%	EPA 8270C	-88	-88	51	139	
2020/21-4	MO-THO	srgt environ	5/27/2021	Organic	2-Fluorobiphenyl	n/a	=	3.42	µg/L	EPA 625.1	-88	-88			
2020/21-4	MO-THO	srgt environ, rec	5/27/2021	Organic	2-Fluorobiphenyl	n/a	=	68	%	EPA 625.1	-88	-88	22	120	
2020/21-4	Lab	srgt LCS	5/18/2021	Organic	2-Fluorophenol	n/a	=	5.58	µg/L	EPA 625.1	-88	-88			
2020/21-4	Lab	srgt LCS, rec	5/18/2021	Organic	2-Fluorophenol	n/a	=	56	%	EPA 625.1	-88	-88	17	120	
2020/21-4	Lab	srgt LCS dup	5/18/2021	Organic	2-Fluorophenol	n/a	=	4.59	µg/L	EPA 625.1	-88	-88			
2020/21-4	Lab	srgt LCS dup, rec	5/18/2021	Organic	2-Fluorophenol	n/a	=	46	%	EPA 625.1	-88	-88	17	120	
2020/21-4	Lab	srgt method blank	5/18/2021	Organic	2-Fluorophenol	n/a	=	5.53	µg/L	EPA 625.1	-88	-88			
2020/21-4	Lab	srgt method blank, rec	5/18/2021	Organic	2-Fluorophenol	n/a	=	55	%	EPA 625.1	-88	-88	17	120	
2020/21-4	Lab	srgt method blank	5/24/2021	Organic	2-Fluorophenol	n/a	=	6.12	µg/L	EPA 8270C	-88	-88			
2020/21-4	Lab	srgt method blank, rec	5/24/2021	Organic	2-Fluorophenol	n/a	=	61	%	EPA 8270C	-88	-88	11	62	
2020/21-4	Lab	srgt LCS	5/24/2021	Organic	2-Fluorophenol	n/a	=	6.06	µg/L	EPA 8270C	-88	-88			
2020/21-4	Lab	srgt LCS, rec	5/24/2021	Organic	2-Fluorophenol	n/a	=	61	%	EPA 8270C	-88	-88	11	62	
2020/21-4	Lab	srgt LCS dup	5/24/2021	Organic	2-Fluorophenol	n/a	=	4.44	µg/L	EPA 8270C	-88	-88			
2020/21-4	Lab	srgt LCS dup, rec	5/24/2021	Organic	2-Fluorophenol	n/a	=	44	%	EPA 8270C	-88	-88	11	62	
2020/21-4	Lab	srgt method blank	5/24/2021	Organic	2-Fluorophenol	n/a	=	5.38	µg/L	EPA 8270C	-88	-88			
2020/21-4	Lab	srgt method blank, rec	5/24/2021	Organic	2-Fluorophenol	n/a	=	54	%	EPA 8270C	-88	-88	11	62	
2020/21-4	Lab	srgt LCS	5/24/2021	Organic	2-Fluorophenol	n/a	=	4.98	µg/L	EPA 8270C	-88	-88			
2020/21-4	Lab	srgt LCS, rec	5/24/2021	Organic	2-Fluorophenol	n/a	=	50	%	EPA 8270C	-88	-88	11	62	
2020/21-4	Lab	srgt LCS dup	5/24/2021	Organic	2-Fluorophenol	n/a	=	5.49	µg/L	EPA 8270C	-88	-88			
2020/21-4	Lab	srgt LCS dup, rec	5/24/2021	Organic	2-Fluorophenol	n/a	=	55	%	EPA 8270C	-88	-88	11	62	
2020/21-4	Lab	srgt method blank	5/25/2021	Organic	2-Fluorophenol	n/a	=	5.17	µg/L	EPA 8270C	-88	-88			
2020/21-4	Lab	srgt method blank, rec	5/25/2021	Organic	2-Fluorophenol	n/a	=	52	%	EPA 8270C	-88	-88	11	62	
2020/21-4	Lab	srgt LCS	5/25/2021	Organic	2-Fluorophenol	n/a	=	5.57	µg/L	EPA 8270C	-88	-88			
2020/21-4	Lab	srgt LCS, rec	5/25/2021	Organic	2-Fluorophenol	n/a	=	56	%	EPA 8270C	-88	-88	11	62	
2020/21-4	Lab	srgt LCS dup	5/25/2021	Organic	2-Fluorophenol	n/a	=	4.23	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	
2020/21-4	Lab	srgt LCS dup, rec	5/25/2021	Organic	2-Fluorophenol	n/a	=	42	%	EPA 8270C	-88	-88	11	62	
2020/21-4	Lab	srgt LCS	5/25/2021	Organic	2-Fluorophenol	n/a	=	4.7	µg/L	EPA 625.1	-88	-88			
2020/21-4	Lab	srgt LCS, rec	5/25/2021	Organic	2-Fluorophenol	n/a	=	47	%	EPA 625.1	-88	-88	17	120	
2020/21-4	Lab	srgt LCS dup	5/25/2021	Organic	2-Fluorophenol	n/a	=	4.9	µg/L	EPA 625.1	-88	-88			
2020/21-4	Lab	srgt LCS dup, rec	5/25/2021	Organic	2-Fluorophenol	n/a	=	49	%	EPA 625.1	-88	-88	17	120	
2020/21-4	Lab	srgt method blank	5/25/2021	Organic	2-Fluorophenol	n/a	=	4.6	µg/L	EPA 625.1	-88	-88			
2020/21-4	Lab	srgt method blank, rec	5/25/2021	Organic	2-Fluorophenol	n/a	=	46	%	EPA 625.1	-88	-88	17	120	
2020/21-4	Lab	srgt LCS	5/26/2021	Organic	2-Fluorophenol	n/a	=	5.46	µg/L	EPA 625.1	-88	-88			
2020/21-4	Lab	srgt LCS, rec	5/26/2021	Organic	2-Fluorophenol	n/a	=	55	%	EPA 625.1	-88	-88	17	120	
2020/21-4	Lab	srgt LCS dup	5/26/2021	Organic	2-Fluorophenol	n/a	=	3.95	µg/L	EPA 625.1	-88	-88			
2020/21-4	Lab	srgt LCS dup, rec	5/26/2021	Organic	2-Fluorophenol	n/a	=	39	%	EPA 625.1	-88	-88	17	120	
2020/21-4	Lab	srgt method blank	5/27/2021	Organic	2-Fluorophenol	n/a	=	5.51	µg/L	EPA 625.1	-88	-88			
2020/21-4	Lab	srgt method blank, rec	5/27/2021	Organic	2-Fluorophenol	n/a	=	55	%	EPA 625.1	-88	-88	17	120	
2020/21-4	Lab	srgt LCS	5/27/2021	Organic	2-Fluorophenol	n/a	=	4.47	µg/L	EPA 625.1	-88	-88			
2020/21-4	Lab	srgt LCS, rec	5/27/2021	Organic	2-Fluorophenol	n/a	=	45	%	EPA 625.1	-88	-88	17	120	
2020/21-4	Lab	srgt LCS dup	5/27/2021	Organic	2-Fluorophenol	n/a	=	5.03	µg/L	EPA 625.1	-88	-88			
2020/21-4	Lab	srgt LCS dup, rec	5/27/2021	Organic	2-Fluorophenol	n/a	=	50	%	EPA 625.1	-88	-88	17	120	
2020/21-4	Lab	srgt method blank	5/27/2021	Organic	2-Fluorophenol	n/a	=	4.7	µg/L	EPA 625.1	-88	-88			
2020/21-4	Lab	srgt method blank, rec	5/27/2021	Organic	2-Fluorophenol	n/a	=	47	%	EPA 625.1	-88	-88	17	120	
2020/21-4	Lab	srgt LCS	5/28/2021	Organic	2-Fluorophenol	n/a	=	5.4	µg/L	EPA 625.1	-88	-88			
2020/21-4	Lab	srgt LCS, rec	5/28/2021	Organic	2-Fluorophenol	n/a	=	54	%	EPA 625.1	-88	-88	17	120	
2020/21-4	Lab	srgt LCS dup	5/28/2021	Organic	2-Fluorophenol	n/a	=	3.9	µg/L	EPA 625.1	-88	-88			
2020/21-4	Lab	srgt LCS dup, rec	5/28/2021	Organic	2-Fluorophenol	n/a	=	39	%	EPA 625.1	-88	-88	17	120	
2020/21-4	Lab	srgt method blank	5/28/2021	Organic	2-Fluorophenol	n/a	=	5.41	µg/L	EPA 625.1	-88	-88			
2020/21-4	Lab	srgt method blank, rec	5/28/2021	Organic	2-Fluorophenol	n/a	=	54	%	EPA 625.1	-88	-88	17	120	
2020/21-4	Lab	srgt LCS	6/1/2021	Organic	2-Fluorophenol	n/a	=	4.72	µg/L	EPA 625.1	-88	-88			
2020/21-4	Lab	srgt LCS, rec	6/1/2021	Organic	2-Fluorophenol	n/a	=	47	%	EPA 625.1	-88	-88	17	120	
2020/21-4	Lab	srgt LCS dup	6/1/2021	Organic	2-Fluorophenol	n/a	=	4.95	µg/L	EPA 625.1	-88	-88			
2020/21-4	Lab	srgt LCS dup, rec	6/1/2021	Organic	2-Fluorophenol	n/a	=	50	%	EPA 625.1	-88	-88	17	120	
2020/21-4	Lab	srgt method blank	6/2/2021	Organic	2-Fluorophenol	n/a	=	4.62	µg/L	EPA 625.1	-88	-88			
2020/21-4	Lab	srgt method blank, rec	6/2/2021	Organic	2-Fluorophenol	n/a	=	46	%	EPA 625.1	-88	-88	17	120	
2020/21-4	Lab	srgt method blank	6/3/2021	Organic	2-Fluorophenol	n/a	=	4.34	µg/L	EPA 8270C	-88	-88			
2020/21-4	Lab	srgt method blank, rec	6/3/2021	Organic	2-Fluorophenol	n/a	=	43	%	EPA 8270C	-88	-88	11	62	
2020/21-4	Lab	srgt LCS	6/3/2021	Organic	2-Fluorophenol	n/a	=	4.19	µg/L	EPA 8270C	-88	-88			
2020/21-4	Lab	srgt LCS, rec	6/3/2021	Organic	2-Fluorophenol	n/a	=	42	%	EPA 8270C	-88	-88	11	62	
2020/21-4	Lab	srgt LCS dup	6/3/2021	Organic	2-Fluorophenol	n/a	=	4.46	µg/L	EPA 8270C	-88	-88			
2020/21-4	Lab	srgt LCS dup, rec	6/3/2021	Organic	2-Fluorophenol	n/a	=	45	%	EPA 8270C	-88	-88	11	62	
2020/21-4	ME-CC	srgt environ	5/24/2021	Organic	2-Fluorophenol	n/a	=	4.7	µg/L	EPA 8270C	-88	-88			
2020/21-4	ME-CC	srgt environ, rec	5/24/2021	Organic	2-Fluorophenol	n/a	=	47	%	EPA 8270C	-88	-88	11	62	
2020/21-4	ME-CC	srgt environ	5/27/2021	Organic	2-Fluorophenol	n/a	=	4.74	µg/L	EPA 625.1	-88	-88			
2020/21-4	ME-CC	srgt environ, rec	5/27/2021	Organic	2-Fluorophenol	n/a	=	47	%	EPA 625.1	-88	-88	17	120	
2020/21-4	ME-SCR	srgt environ	5/24/2021	Organic	2-Fluorophenol	n/a	=	6.23	µg/L	EPA 8270C	-88	-88			
2020/21-4	ME-SCR	srgt environ, rec	5/24/2021	Organic	2-Fluorophenol	n/a	=	62	%	EPA 8270C	-88	-88	11	62	
2020/21-4	ME-SCR	srgt environ	5/27/2021	Organic	2-Fluorophenol	n/a	=	6.05	µg/L	EPA 625.1	-88	-88			
2020/21-4	ME-SCR	srgt environ, rec	5/27/2021	Organic	2-Fluorophenol	n/a	=	60	%	EPA 625.1	-88	-88	17	120	
2020/21-4	ME-VR2	srgt environ	5/19/2021	Organic	2-Fluorophenol	n/a	=	4.77	µg/L	EPA 625.1	-88	-88			
2020/21-4	ME-VR2	srgt environ, rec	5/19/2021	Organic	2-Fluorophenol	n/a	=	47	%	EPA 625.1	-88	-88	17	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	
2020/21-4	ME-VR2	srgt environ	5/25/2021	Organic	2-Fluorophenol	n/a	=	4.26	µg/L	EPA 8270C	-88	-88			
2020/21-4	ME-VR2	srgt environ, rec	5/25/2021	Organic	2-Fluorophenol	n/a	=	43	%	EPA 8270C	-88	-88	11	62	
2020/21-4	MO-CAM	srgt environ	5/25/2021	Organic	2-Fluorophenol	n/a	=	36.2	µg/L	EPA 8270C	-88	-88			
2020/21-4	MO-CAM	srgt environ, rec	5/25/2021	Organic	2-Fluorophenol	n/a	=	36	%	EPA 8270C	-88	-88	11	62	
2020/21-4	MO-CAM	srgt environ	5/27/2021	Organic	2-Fluorophenol	n/a	=	34.9	µg/L	EPA 625.1	-88	-88			
2020/21-4	MO-CAM	srgt environ, rec	5/27/2021	Organic	2-Fluorophenol	n/a	=	35	%	EPA 625.1	-88	-88	17	120	
2020/21-4	MO-FIL	srgt environ	5/24/2021	Organic	2-Fluorophenol	n/a	=	5.99	µg/L	EPA 8270C	-88	-88			
2020/21-4	MO-FIL	srgt environ, rec	5/24/2021	Organic	2-Fluorophenol	n/a	=	60	%	EPA 8270C	-88	-88	11	62	
2020/21-4	MO-FIL	srgt environ	5/27/2021	Organic	2-Fluorophenol	n/a	=	5.8	µg/L	EPA 625.1	-88	-88			
2020/21-4	MO-FIL	srgt environ, rec	5/27/2021	Organic	2-Fluorophenol	n/a	=	56	%	EPA 625.1	-88	-88	17	120	
2020/21-4	MO-HUE	srgt environ	5/19/2021	Organic	2-Fluorophenol	n/a	=	9.31	µg/L	EPA 625.1	-88	-88			
2020/21-4	MO-HUE	srgt environ, rec	5/19/2021	Organic	2-Fluorophenol	n/a	=	47	%	EPA 625.1	-88	-88	17	120	
2020/21-4	MO-HUE	srgt environ	5/25/2021	Organic	2-Fluorophenol	n/a	=	8.85	µg/L	EPA 8270C	-88	-88			
2020/21-4	MO-HUE	srgt environ, rec	5/25/2021	Organic	2-Fluorophenol	n/a	=	44	%	EPA 8270C	-88	-88	11	62	
2020/21-4	MO-MPK	srgt environ	5/25/2021	Organic	2-Fluorophenol	n/a	=	35.3	µg/L	EPA 8270C	-88	-88			
2020/21-4	MO-MPK	srgt environ, rec	5/25/2021	Organic	2-Fluorophenol	n/a	=	35	%	EPA 8270C	-88	-88	11	62	
2020/21-4	MO-MPK	srgt environ	5/27/2021	Organic	2-Fluorophenol	n/a	=	35	µg/L	EPA 625.1	-88	-88			
2020/21-4	MO-MPK	srgt environ, rec	5/27/2021	Organic	2-Fluorophenol	n/a	=	35	%	EPA 625.1	-88	-88	17	120	
2020/21-4	MO-OJA	srgt environ	5/25/2021	Organic	2-Fluorophenol	n/a	=	4.45	µg/L	EPA 625.1	-88	-88			
2020/21-4	MO-OJA	srgt environ, rec	5/25/2021	Organic	2-Fluorophenol	n/a	=	44	%	EPA 625.1	-88	-88	17	120	
2020/21-4	MO-OJA	srgt environ	6/3/2021	Organic	2-Fluorophenol	n/a	=	4.11	µg/L	EPA 8270C	-88	-88			
2020/21-4	MO-OJA	srgt environ, rec	6/3/2021	Organic	2-Fluorophenol	n/a	=	41	%	EPA 8270C	-88	-88	11	62	
2020/21-4	MO-SIM	srgt environ	5/25/2021	Organic	2-Fluorophenol	n/a	=	3.95	µg/L	EPA 8270C	-88	-88			
2020/21-4	MO-SIM	srgt environ, rec	5/25/2021	Organic	2-Fluorophenol	n/a	=	40	%	EPA 8270C	-88	-88	11	62	
2020/21-4	MO-SIM	srgt environ	5/27/2021	Organic	2-Fluorophenol	n/a	=	3.92	µg/L	EPA 625.1	-88	-88			
2020/21-4	MO-SIM	srgt environ, rec	5/27/2021	Organic	2-Fluorophenol	n/a	=	39	%	EPA 625.1	-88	-88	17	120	
2020/21-4	MO-THO	srgt environ	5/25/2021	Organic	2-Fluorophenol	n/a	=	3.92	µg/L	EPA 8270C	-88	-88			
2020/21-4	MO-THO	srgt environ, rec	5/25/2021	Organic	2-Fluorophenol	n/a	=	39	%	EPA 8270C	-88	-88	11	62	
2020/21-4	MO-THO	srgt environ	5/27/2021	Organic	2-Fluorophenol	n/a	=	3.79	µg/L	EPA 625.1	-88	-88			
2020/21-4	MO-THO	srgt environ, rec	5/27/2021	Organic	2-Fluorophenol	n/a	=	38	%	EPA 625.1	-88	-88	17	120	
2020/21-4	Lab	method blank	5/5/2021	Organic	2-Methylnaphthalene	n/a	<	0.026	µg/L	EPA 8270C	0.026	0.1			
2020/21-4	Lab	method blank	5/5/2021	Organic	2-Methylnaphthalene	n/a	<	0.026	µg/L	EPA 8270C	0.026	0.1			
2020/21-4	Lab	method blank	6/3/2021	Organic	2-Methylnaphthalene	n/a	<	0.026	µg/L	EPA 8270C	0.026	0.1			
2020/21-4	Lab	method blank	6/17/2021	Organic	2-Methylnaphthalene	n/a	<	0.026	µg/L	EPA 8270C	0.026	0.1			
2020/21-4	Lab	method blank	5/24/2021	Organic	2-Methylphenol	n/a	<	0.34	µg/L	EPA 8270C	0.34	1			
2020/21-4	Lab	method blank	5/24/2021	Organic	2-Methylphenol	n/a	<	0.34	µg/L	EPA 8270C	0.34	1			
2020/21-4	Lab	method blank	5/25/2021	Organic	2-Methylphenol	n/a	<	0.34	µg/L	EPA 8270C	0.34	1			
2020/21-4	Lab	method blank	6/3/2021	Organic	2-Methylphenol	n/a	<	0.34	µg/L	EPA 8270C	0.34	1			
2020/21-4	Lab	LCS	5/18/2021	Organic	2-Nitrophenol	n/a	=	10.4	µg/L	EPA 625.1	0.26	1			
2020/21-4	Lab	LCS, rec	5/18/2021	Organic	2-Nitrophenol	n/a	=	104	%	EPA 625.1	-88	-88	45	167	
2020/21-4	Lab	LCS dup	5/18/2021	Organic	2-Nitrophenol	n/a	=	9.17	µg/L	EPA 625.1	0.26	1			
2020/21-4	Lab	LCS dup, rec	5/18/2021	Organic	2-Nitrophenol	n/a	=	92	%	EPA 625.1	-88	-88	45	167	
2020/21-4	Lab	LCS, RPD	5/18/2021	Organic	2-Nitrophenol	n/a	=	13	%	EPA 625.1	-88	-88	0	30	
2020/21-4	Lab	method blank	5/18/2021	Organic	2-Nitrophenol	n/a	<	0.26	µg/L	EPA 625.1	0.26	1			
2020/21-4	Lab	method blank	5/24/2021	Organic	2-Nitrophenol	n/a	<	0.71	µg/L	EPA 8270C	0.71	1			
2020/21-4	Lab	LCS	5/24/2021	Organic	2-Nitrophenol	n/a	=	9.73	µg/L	EPA 8270C	0.71	1			
2020/21-4	Lab	LCS, rec	5/24/2021	Organic	2-Nitrophenol	n/a	=	97	%	EPA 8270C	-88	-88	33	103	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2020/21-4	Lab	LCS dup	5/24/2021	Organic	2-Nitrophenol	n/a	=	7.61	µg/L	EPA 8270C	0.71	1			
2020/21-4	Lab	LCS dup, rec	5/24/2021	Organic	2-Nitrophenol	n/a	=	76	%	EPA 8270C	-88	-88	33	103	
2020/21-4	Lab	LCS, RPD	5/24/2021	Organic	2-Nitrophenol	n/a	=	24	%	EPA 8270C	-88	-88	0	30	
2020/21-4	Lab	method blank	5/24/2021	Organic	2-Nitrophenol	n/a	<	0.71	µg/L	EPA 8270C	0.71	1			
2020/21-4	Lab	LCS	5/24/2021	Organic	2-Nitrophenol	n/a	=	8.28	µg/L	EPA 8270C	0.71	1			
2020/21-4	Lab	LCS, rec	5/24/2021	Organic	2-Nitrophenol	n/a	=	83	%	EPA 8270C	-88	-88	33	103	
2020/21-4	Lab	LCS dup	5/24/2021	Organic	2-Nitrophenol	n/a	=	9.18	µg/L	EPA 8270C	0.71	1			
2020/21-4	Lab	LCS dup, rec	5/24/2021	Organic	2-Nitrophenol	n/a	=	92	%	EPA 8270C	-88	-88	33	103	
2020/21-4	Lab	LCS, RPD	5/24/2021	Organic	2-Nitrophenol	n/a	=	10	%	EPA 8270C	-88	-88	0	30	
2020/21-4	Lab	method blank	5/25/2021	Organic	2-Nitrophenol	n/a	<	0.71	µg/L	EPA 8270C	0.71	1			
2020/21-4	Lab	LCS	5/25/2021	Organic	2-Nitrophenol	n/a	=	8.07	µg/L	EPA 8270C	0.71	1			
2020/21-4	Lab	LCS, rec	5/25/2021	Organic	2-Nitrophenol	n/a	=	81	%	EPA 8270C	-88	-88	33	103	
2020/21-4	Lab	LCS dup	5/25/2021	Organic	2-Nitrophenol	n/a	=	6.87	µg/L	EPA 8270C	0.71	1			
2020/21-4	Lab	LCS dup, rec	5/25/2021	Organic	2-Nitrophenol	n/a	=	69	%	EPA 8270C	-88	-88	33	103	
2020/21-4	Lab	LCS, RPD	5/25/2021	Organic	2-Nitrophenol	n/a	=	16	%	EPA 8270C	-88	-88	0	30	
2020/21-4	Lab	LCS	5/25/2021	Organic	2-Nitrophenol	n/a	=	8.26	µg/L	EPA 625.1	0.26	1			
2020/21-4	Lab	LCS, rec	5/25/2021	Organic	2-Nitrophenol	n/a	=	83	%	EPA 625.1	-88	-88	45	167	
2020/21-4	Lab	LCS dup	5/25/2021	Organic	2-Nitrophenol	n/a	=	8.67	µg/L	EPA 625.1	0.26	1			
2020/21-4	Lab	LCS dup, rec	5/25/2021	Organic	2-Nitrophenol	n/a	=	87	%	EPA 625.1	-88	-88	45	167	
2020/21-4	Lab	LCS, RPD	5/25/2021	Organic	2-Nitrophenol	n/a	=	5	%	EPA 625.1	-88	-88	0	30	
2020/21-4	Lab	method blank	5/25/2021	Organic	2-Nitrophenol	n/a	<	0.26	µg/L	EPA 625.1	0.26	1			
2020/21-4	Lab	LCS	5/26/2021	Organic	2-Nitrophenol	n/a	=	11	µg/L	EPA 625.1	0.26	1			
2020/21-4	Lab	LCS, rec	5/26/2021	Organic	2-Nitrophenol	n/a	=	110	%	EPA 625.1	-88	-88	45	167	
2020/21-4	Lab	LCS dup	5/26/2021	Organic	2-Nitrophenol	n/a	=	8.08	µg/L	EPA 625.1	0.26	1			IL
2020/21-4	Lab	LCS dup, rec	5/26/2021	Organic	2-Nitrophenol	n/a	=	81	%	EPA 625.1	-88	-88	45	167	IL
2020/21-4	Lab	LCS, RPD	5/26/2021	Organic	2-Nitrophenol	n/a	=	31	%	EPA 625.1	-88	-88	0	30	IL
2020/21-4	Lab	method blank	5/27/2021	Organic	2-Nitrophenol	n/a	<	0.26	µg/L	EPA 625.1	0.26	1			
2020/21-4	Lab	LCS	5/27/2021	Organic	2-Nitrophenol	n/a	=	9.76	µg/L	EPA 625.1	0.26	1			
2020/21-4	Lab	LCS, rec	5/27/2021	Organic	2-Nitrophenol	n/a	=	98	%	EPA 625.1	-88	-88	45	167	
2020/21-4	Lab	LCS dup	5/27/2021	Organic	2-Nitrophenol	n/a	=	10.6	µg/L	EPA 625.1	0.26	1			
2020/21-4	Lab	LCS dup, rec	5/27/2021	Organic	2-Nitrophenol	n/a	=	106	%	EPA 625.1	-88	-88	45	167	
2020/21-4	Lab	LCS, RPD	5/27/2021	Organic	2-Nitrophenol	n/a	=	9	%	EPA 625.1	-88	-88	0	30	
2020/21-4	Lab	method blank	5/27/2021	Organic	2-Nitrophenol	n/a	<	0.26	µg/L	EPA 625.1	0.26	1			
2020/21-4	Lab	LCS	6/1/2021	Organic	2-Nitrophenol	n/a	=	8.84	µg/L	EPA 625.1	0.26	1			
2020/21-4	Lab	LCS, rec	6/1/2021	Organic	2-Nitrophenol	n/a	=	88	%	EPA 625.1	-88	-88	45	167	
2020/21-4	Lab	LCS dup	6/1/2021	Organic	2-Nitrophenol	n/a	=	9.15	µg/L	EPA 625.1	0.26	1			
2020/21-4	Lab	LCS dup, rec	6/1/2021	Organic	2-Nitrophenol	n/a	=	92	%	EPA 625.1	-88	-88	45	167	
2020/21-4	Lab	LCS, RPD	6/1/2021	Organic	2-Nitrophenol	n/a	=	3	%	EPA 625.1	-88	-88	0	30	
2020/21-4	Lab	method blank	6/2/2021	Organic	2-Nitrophenol	n/a	<	0.26	µg/L	EPA 625.1	0.26	1			
2020/21-4	Lab	method blank	6/3/2021	Organic	2-Nitrophenol	n/a	<	0.71	µg/L	EPA 8270C	0.71	1			
2020/21-4	Lab	LCS	6/3/2021	Organic	2-Nitrophenol	n/a	=	6.25	µg/L	EPA 8270C	0.71	1			
2020/21-4	Lab	LCS, rec	6/3/2021	Organic	2-Nitrophenol	n/a	=	62	%	EPA 8270C	-88	-88	33	103	
2020/21-4	Lab	LCS dup	6/3/2021	Organic	2-Nitrophenol	n/a	=	6.61	µg/L	EPA 8270C	0.71	1			
2020/21-4	Lab	LCS dup, rec	6/3/2021	Organic	2-Nitrophenol	n/a	=	66	%	EPA 8270C	-88	-88	33	103	
2020/21-4	Lab	LCS, RPD	6/3/2021	Organic	2-Nitrophenol	n/a	=	6	%	EPA 8270C	-88	-88	0	30	
2020/21-4	Lab	LCS	5/18/2021	Organic	3,3'-Dichlorobenzidine	n/a	=	6.71	µg/L	EPA 625.1	0.99	5			
2020/21-4	Lab	LCS, rec	5/18/2021	Organic	3,3'-Dichlorobenzidine	n/a	=	67	%	EPA 625.1	-88	-88	8	213	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2020/21-4	Lab	LCS dup	5/18/2021	Organic	3,3'-Dichlorobenzidine	n/a	=	9.7	µg/L	EPA 625.1	0.99	5			IL
2020/21-4	Lab	LCS dup, rec	5/18/2021	Organic	3,3'-Dichlorobenzidine	n/a	=	97	%	EPA 625.1	-88	-88	8	213	IL
2020/21-4	Lab	LCS, RPD	5/18/2021	Organic	3,3'-Dichlorobenzidine	n/a	=	36	%	EPA 625.1	-88	-88	0	30	IL
2020/21-4	Lab	method blank	5/18/2021	Organic	3,3'-Dichlorobenzidine	n/a	<	0.99	µg/L	EPA 625.1	0.99	5			
2020/21-4	Lab	LCS	5/25/2021	Organic	3,3'-Dichlorobenzidine	n/a	=	7.33	µg/L	EPA 625.1	0.99	5			
2020/21-4	Lab	LCS, rec	5/25/2021	Organic	3,3'-Dichlorobenzidine	n/a	=	73	%	EPA 625.1	-88	-88	8	213	
2020/21-4	Lab	LCS dup	5/25/2021	Organic	3,3'-Dichlorobenzidine	n/a	=	7.38	µg/L	EPA 625.1	0.99	5			
2020/21-4	Lab	LCS dup, rec	5/25/2021	Organic	3,3'-Dichlorobenzidine	n/a	=	74	%	EPA 625.1	-88	-88	8	213	
2020/21-4	Lab	LCS, RPD	5/25/2021	Organic	3,3'-Dichlorobenzidine	n/a	=	0.8	%	EPA 625.1	-88	-88	0	30	
2020/21-4	Lab	method blank	5/25/2021	Organic	3,3'-Dichlorobenzidine	n/a	<	0.99	µg/L	EPA 625.1	0.99	5			
2020/21-4	Lab	LCS	5/26/2021	Organic	3,3'-Dichlorobenzidine	n/a	=	10.1	µg/L	EPA 625.1	0.99	5			
2020/21-4	Lab	LCS, rec	5/26/2021	Organic	3,3'-Dichlorobenzidine	n/a	=	101	%	EPA 625.1	-88	-88	8	213	
2020/21-4	Lab	LCS dup	5/26/2021	Organic	3,3'-Dichlorobenzidine	n/a	=	9.45	µg/L	EPA 625.1	0.99	5			
2020/21-4	Lab	LCS dup, rec	5/26/2021	Organic	3,3'-Dichlorobenzidine	n/a	=	94	%	EPA 625.1	-88	-88	8	213	
2020/21-4	Lab	LCS, RPD	5/26/2021	Organic	3,3'-Dichlorobenzidine	n/a	=	7	%	EPA 625.1	-88	-88	0	30	
2020/21-4	Lab	method blank	5/27/2021	Organic	3,3'-Dichlorobenzidine	n/a	<	0.99	µg/L	EPA 625.1	0.99	5			
2020/21-4	Lab	LCS	5/27/2021	Organic	3,3'-Dichlorobenzidine	n/a	=	9.81	µg/L	EPA 625.1	0.99	5			
2020/21-4	Lab	LCS, rec	5/27/2021	Organic	3,3'-Dichlorobenzidine	n/a	=	98	%	EPA 625.1	-88	-88	8	213	
2020/21-4	Lab	LCS dup	5/27/2021	Organic	3,3'-Dichlorobenzidine	n/a	=	10.3	µg/L	EPA 625.1	0.99	5			
2020/21-4	Lab	LCS dup, rec	5/27/2021	Organic	3,3'-Dichlorobenzidine	n/a	=	103	%	EPA 625.1	-88	-88	8	213	
2020/21-4	Lab	LCS, RPD	5/27/2021	Organic	3,3'-Dichlorobenzidine	n/a	=	5	%	EPA 625.1	-88	-88	0	30	
2020/21-4	Lab	method blank	5/27/2021	Organic	3,3'-Dichlorobenzidine	n/a	<	0.99	µg/L	EPA 625.1	0.99	5			
2020/21-4	Lab	LCS	6/1/2021	Organic	3,3'-Dichlorobenzidine	n/a	=	9.75	µg/L	EPA 625.1	0.99	5			
2020/21-4	Lab	LCS, rec	6/1/2021	Organic	3,3'-Dichlorobenzidine	n/a	=	98	%	EPA 625.1	-88	-88	8	213	
2020/21-4	Lab	LCS dup	6/1/2021	Organic	3,3'-Dichlorobenzidine	n/a	=	12.1	µg/L	EPA 625.1	0.99	5			
2020/21-4	Lab	LCS dup, rec	6/1/2021	Organic	3,3'-Dichlorobenzidine	n/a	=	121	%	EPA 625.1	-88	-88	8	213	
2020/21-4	Lab	LCS, RPD	6/1/2021	Organic	3,3'-Dichlorobenzidine	n/a	=	22	%	EPA 625.1	-88	-88	0	30	
2020/21-4	Lab	method blank	6/2/2021	Organic	3,3'-Dichlorobenzidine	n/a	<	0.99	µg/L	EPA 625.1	0.99	5			
2020/21-4	Lab	method blank	5/24/2021	Organic	3-/4-Methylphenol	n/a	<	0.3	µg/L	EPA 8270C	0.3	1			
2020/21-4	Lab	method blank	5/24/2021	Organic	3-/4-Methylphenol	n/a	<	0.3	µg/L	EPA 8270C	0.3	1			
2020/21-4	Lab	method blank	5/25/2021	Organic	3-/4-Methylphenol	n/a	<	0.3	µg/L	EPA 8270C	0.3	1			
2020/21-4	Lab	method blank	6/3/2021	Organic	3-/4-Methylphenol	n/a	<	0.3	µg/L	EPA 8270C	0.3	1			
2020/21-4	Lab	LCS	5/18/2021	Organic	4,6-Dinitro-2-methylphenol	n/a	=	12.6	µg/L	EPA 625.1	1.4	5			
2020/21-4	Lab	LCS, rec	5/18/2021	Organic	4,6-Dinitro-2-methylphenol	n/a	=	126	%	EPA 625.1	-88	-88	53	130	
2020/21-4	Lab	LCS dup	5/18/2021	Organic	4,6-Dinitro-2-methylphenol	n/a	=	11.8	µg/L	EPA 625.1	1.4	5			
2020/21-4	Lab	LCS dup, rec	5/18/2021	Organic	4,6-Dinitro-2-methylphenol	n/a	=	118	%	EPA 625.1	-88	-88	53	130	
2020/21-4	Lab	LCS, RPD	5/18/2021	Organic	4,6-Dinitro-2-methylphenol	n/a	=	6	%	EPA 625.1	-88	-88	0	30	
2020/21-4	Lab	method blank	5/18/2021	Organic	4,6-Dinitro-2-methylphenol	n/a	<	1.4	µg/L	EPA 625.1	1.4	5			
2020/21-4	Lab	method blank	5/24/2021	Organic	4,6-Dinitro-2-methylphenol	n/a	<	0.14	µg/L	EPA 8270C	0.14	1			
2020/21-4	Lab	LCS	5/24/2021	Organic	4,6-Dinitro-2-methylphenol	n/a	=	14.3	µg/L	EPA 8270C	0.14	1			EUM
2020/21-4	Lab	LCS, rec	5/24/2021	Organic	4,6-Dinitro-2-methylphenol	n/a	=	143	%	EPA 8270C	-88	-88	33	118	EUM
2020/21-4	Lab	LCS dup	5/24/2021	Organic	4,6-Dinitro-2-methylphenol	n/a	=	12.4	µg/L	EPA 8270C	0.14	1			EUM
2020/21-4	Lab	LCS dup, rec	5/24/2021	Organic	4,6-Dinitro-2-methylphenol	n/a	=	124	%	EPA 8270C	-88	-88	33	118	EUM
2020/21-4	Lab	LCS, RPD	5/24/2021	Organic	4,6-Dinitro-2-methylphenol	n/a	=	14	%	EPA 8270C	-88	-88	0	30	
2020/21-4	Lab	method blank	5/24/2021	Organic	4,6-Dinitro-2-methylphenol	n/a	<	0.14	µg/L	EPA 8270C	0.14	1			
2020/21-4	Lab	LCS	5/24/2021	Organic	4,6-Dinitro-2-methylphenol	n/a	=	11.8	µg/L	EPA 8270C	0.14	1			
2020/21-4	Lab	LCS, rec	5/24/2021	Organic	4,6-Dinitro-2-methylphenol	n/a	=	118	%	EPA 8270C	-88	-88	33	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	
2020/21-4	Lab	LCS dup	5/24/2021	Organic	4,6-Dinitro-2-methylphenol	n/a	=	12.7	µg/L	EPA 8270C	0.14	1			EUM
2020/21-4	Lab	LCS dup, rec	5/24/2021	Organic	4,6-Dinitro-2-methylphenol	n/a	=	127	%	EPA 8270C	-88	-88	33	118	EUM
2020/21-4	Lab	LCS, RPD	5/24/2021	Organic	4,6-Dinitro-2-methylphenol	n/a	=	8	%	EPA 8270C	-88	-88	0	30	
2020/21-4	Lab	method blank	5/25/2021	Organic	4,6-Dinitro-2-methylphenol	n/a	<	0.14	µg/L	EPA 8270C	0.14	1			
2020/21-4	Lab	LCS	5/25/2021	Organic	4,6-Dinitro-2-methylphenol	n/a	=	10.6	µg/L	EPA 8270C	0.14	1			
2020/21-4	Lab	LCS, rec	5/25/2021	Organic	4,6-Dinitro-2-methylphenol	n/a	=	106	%	EPA 8270C	-88	-88	33	118	
2020/21-4	Lab	LCS dup	5/25/2021	Organic	4,6-Dinitro-2-methylphenol	n/a	=	9.37	µg/L	EPA 8270C	0.14	1			
2020/21-4	Lab	LCS dup, rec	5/25/2021	Organic	4,6-Dinitro-2-methylphenol	n/a	=	94	%	EPA 8270C	-88	-88	33	118	
2020/21-4	Lab	LCS, RPD	5/25/2021	Organic	4,6-Dinitro-2-methylphenol	n/a	=	12	%	EPA 8270C	-88	-88	0	30	
2020/21-4	Lab	LCS	5/25/2021	Organic	4,6-Dinitro-2-methylphenol	n/a	=	10.4	µg/L	EPA 625.1	1.4	5			
2020/21-4	Lab	LCS, rec	5/25/2021	Organic	4,6-Dinitro-2-methylphenol	n/a	=	104	%	EPA 625.1	-88	-88	53	130	
2020/21-4	Lab	LCS dup	5/25/2021	Organic	4,6-Dinitro-2-methylphenol	n/a	=	11.6	µg/L	EPA 625.1	1.4	5			
2020/21-4	Lab	LCS dup, rec	5/25/2021	Organic	4,6-Dinitro-2-methylphenol	n/a	=	116	%	EPA 625.1	-88	-88	53	130	
2020/21-4	Lab	LCS, RPD	5/25/2021	Organic	4,6-Dinitro-2-methylphenol	n/a	=	10	%	EPA 625.1	-88	-88	0	30	
2020/21-4	Lab	method blank	5/25/2021	Organic	4,6-Dinitro-2-methylphenol	n/a	<	1.4	µg/L	EPA 625.1	1.4	5			
2020/21-4	Lab	LCS	5/26/2021	Organic	4,6-Dinitro-2-methylphenol	n/a	=	15.5	µg/L	EPA 625.1	1.4	5			EUM
2020/21-4	Lab	LCS, rec	5/26/2021	Organic	4,6-Dinitro-2-methylphenol	n/a	=	155	%	EPA 625.1	-88	-88	53	130	EUM
2020/21-4	Lab	LCS dup	5/26/2021	Organic	4,6-Dinitro-2-methylphenol	n/a	=	10.8	µg/L	EPA 625.1	1.4	5			IL
2020/21-4	Lab	LCS dup, rec	5/26/2021	Organic	4,6-Dinitro-2-methylphenol	n/a	=	108	%	EPA 625.1	-88	-88	53	130	IL
2020/21-4	Lab	LCS, RPD	5/26/2021	Organic	4,6-Dinitro-2-methylphenol	n/a	=	36	%	EPA 625.1	-88	-88	0	30	IL
2020/21-4	Lab	method blank	5/27/2021	Organic	4,6-Dinitro-2-methylphenol	n/a	<	1.4	µg/L	EPA 625.1	1.4	5			
2020/21-4	Lab	LCS	5/27/2021	Organic	4,6-Dinitro-2-methylphenol	n/a	=	15.8	µg/L	EPA 625.1	1.4	5			EUM
2020/21-4	Lab	LCS, rec	5/27/2021	Organic	4,6-Dinitro-2-methylphenol	n/a	=	158	%	EPA 625.1	-88	-88	53	130	EUM
2020/21-4	Lab	LCS dup	5/27/2021	Organic	4,6-Dinitro-2-methylphenol	n/a	=	16.2	µg/L	EPA 625.1	1.4	5			EUM
2020/21-4	Lab	LCS dup, rec	5/27/2021	Organic	4,6-Dinitro-2-methylphenol	n/a	=	162	%	EPA 625.1	-88	-88	53	130	EUM
2020/21-4	Lab	LCS, RPD	5/27/2021	Organic	4,6-Dinitro-2-methylphenol	n/a	=	2	%	EPA 625.1	-88	-88	0	30	
2020/21-4	Lab	method blank	5/27/2021	Organic	4,6-Dinitro-2-methylphenol	n/a	<	1.4	µg/L	EPA 625.1	1.4	5			
2020/21-4	Lab	LCS	6/1/2021	Organic	4,6-Dinitro-2-methylphenol	n/a	=	14	µg/L	EPA 625.1	1.4	5			EUM
2020/21-4	Lab	LCS, rec	6/1/2021	Organic	4,6-Dinitro-2-methylphenol	n/a	=	140	%	EPA 625.1	-88	-88	53	130	EUM
2020/21-4	Lab	LCS dup	6/1/2021	Organic	4,6-Dinitro-2-methylphenol	n/a	=	16	µg/L	EPA 625.1	1.4	5			EUM
2020/21-4	Lab	LCS dup, rec	6/1/2021	Organic	4,6-Dinitro-2-methylphenol	n/a	=	160	%	EPA 625.1	-88	-88	53	130	EUM
2020/21-4	Lab	LCS, RPD	6/1/2021	Organic	4,6-Dinitro-2-methylphenol	n/a	=	13	%	EPA 625.1	-88	-88	0	30	
2020/21-4	Lab	method blank	6/2/2021	Organic	4,6-Dinitro-2-methylphenol	n/a	<	1.4	µg/L	EPA 625.1	1.4	5			
2020/21-4	Lab	method blank	6/3/2021	Organic	4,6-Dinitro-2-methylphenol	n/a	<	0.14	µg/L	EPA 8270C	0.14	1			
2020/21-4	Lab	LCS	6/3/2021	Organic	4,6-Dinitro-2-methylphenol	n/a	=	9.27	µg/L	EPA 8270C	0.14	1			
2020/21-4	Lab	LCS, rec	6/3/2021	Organic	4,6-Dinitro-2-methylphenol	n/a	=	93	%	EPA 8270C	-88	-88	33	118	
2020/21-4	Lab	LCS dup	6/3/2021	Organic	4,6-Dinitro-2-methylphenol	n/a	=	9.66	µg/L	EPA 8270C	0.14	1			
2020/21-4	Lab	LCS dup, rec	6/3/2021	Organic	4,6-Dinitro-2-methylphenol	n/a	=	97	%	EPA 8270C	-88	-88	33	118	
2020/21-4	Lab	LCS, RPD	6/3/2021	Organic	4,6-Dinitro-2-methylphenol	n/a	=	4	%	EPA 8270C	-88	-88	0	30	
2020/21-4	Lab	srgt LCS	5/3/2021	Organic	4-Bromofluorobenzene	n/a	=	51.9	µg/L	LUFT GC/MS	-88	-88			
2020/21-4	Lab	srgt LCS, rec	5/3/2021	Organic	4-Bromofluorobenzene	n/a	=	104	%	LUFT GC/MS	-88	-88	83	110	
2020/21-4	Lab	srgt LCS dup	5/3/2021	Organic	4-Bromofluorobenzene	n/a	=	54.9	µg/L	LUFT GC/MS	-88	-88			
2020/21-4	Lab	srgt LCS dup, rec	5/3/2021	Organic	4-Bromofluorobenzene	n/a	=	110	%	LUFT GC/MS	-88	-88	83	110	
2020/21-4	Lab	srgt method blank	5/3/2021	Organic	4-Bromofluorobenzene	n/a	=	52	µg/L	LUFT GC/MS	-88	-88			
2020/21-4	Lab	srgt method blank, rec	5/3/2021	Organic	4-Bromofluorobenzene	n/a	=	104	%	LUFT GC/MS	-88	-88	83	110	
2020/21-4	Lab	srgt LCS	5/19/2021	Organic	4-Bromofluorobenzene	n/a	=	48.4	µg/L	LUFT GC/MS	-88	-88			
2020/21-4	Lab	srgt LCS, rec	5/19/2021	Organic	4-Bromofluorobenzene	n/a	=	97	%	LUFT GC/MS	-88	-88	83	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	
2020/21-4	Lab	srgt LCS dup	5/19/2021	Organic	4-Bromofluorobenzene	n/a	=	50.6	µg/L	LUFT GC/MS	-88	-88			
2020/21-4	Lab	srgt LCS dup, rec	5/19/2021	Organic	4-Bromofluorobenzene	n/a	=	101	%	LUFT GC/MS	-88	-88	83	110	
2020/21-4	Lab	srgt method blank	5/19/2021	Organic	4-Bromofluorobenzene	n/a	=	48.3	µg/L	LUFT GC/MS	-88	-88			
2020/21-4	Lab	srgt method blank, rec	5/19/2021	Organic	4-Bromofluorobenzene	n/a	=	97	%	LUFT GC/MS	-88	-88	83	110	
2020/21-4	ME-CC	srgt environ	5/4/2021	Organic	4-Bromofluorobenzene	n/a	=	45.5	µg/L	LUFT GC/MS	-88	-88			
2020/21-4	ME-CC	srgt environ, rec	5/4/2021	Organic	4-Bromofluorobenzene	n/a	=	91	%	LUFT GC/MS	-88	-88	83	110	
2020/21-4	ME-SCR	srgt environ	5/3/2021	Organic	4-Bromofluorobenzene	n/a	=	46.3	µg/L	LUFT GC/MS	-88	-88			
2020/21-4	ME-SCR	srgt environ, rec	5/3/2021	Organic	4-Bromofluorobenzene	n/a	=	93	%	LUFT GC/MS	-88	-88	83	110	
2020/21-4	ME-VR2	srgt environ	5/19/2021	Organic	4-Bromofluorobenzene	n/a	=	42.8	µg/L	LUFT GC/MS	-88	-88			
2020/21-4	ME-VR2	srgt environ, rec	5/19/2021	Organic	4-Bromofluorobenzene	n/a	=	86	%	LUFT GC/MS	-88	-88	83	110	
2020/21-4	MO-CAM	srgt environ	5/4/2021	Organic	4-Bromofluorobenzene	n/a	=	44.5	µg/L	LUFT GC/MS	-88	-88			
2020/21-4	MO-CAM	srgt environ, rec	5/4/2021	Organic	4-Bromofluorobenzene	n/a	=	89	%	LUFT GC/MS	-88	-88	83	110	
2020/21-4	MO-FIL	srgt environ	5/3/2021	Organic	4-Bromofluorobenzene	n/a	=	45.8	µg/L	LUFT GC/MS	-88	-88			
2020/21-4	MO-FIL	srgt environ, rec	5/3/2021	Organic	4-Bromofluorobenzene	n/a	=	92	%	LUFT GC/MS	-88	-88	83	110	
2020/21-4	MO-HUE	srgt environ	5/19/2021	Organic	4-Bromofluorobenzene	n/a	=	43.8	µg/L	LUFT GC/MS	-88	-88			
2020/21-4	MO-HUE	srgt environ, rec	5/19/2021	Organic	4-Bromofluorobenzene	n/a	=	88	%	LUFT GC/MS	-88	-88	83	110	
2020/21-4	MO-OJA	srgt environ	5/19/2021	Organic	4-Bromofluorobenzene	n/a	=	45.1	µg/L	LUFT GC/MS	-88	-88			
2020/21-4	MO-OJA	srgt environ, rec	5/19/2021	Organic	4-Bromofluorobenzene	n/a	=	90	%	LUFT GC/MS	-88	-88	83	110	
2020/21-4	MO-SIM	srgt environ	5/4/2021	Organic	4-Bromofluorobenzene	n/a	=	44.6	µg/L	LUFT GC/MS	-88	-88			
2020/21-4	MO-SIM	srgt environ, rec	5/4/2021	Organic	4-Bromofluorobenzene	n/a	=	89	%	LUFT GC/MS	-88	-88	83	110	
2020/21-4	MO-THO	srgt environ	5/4/2021	Organic	4-Bromofluorobenzene	n/a	=	44.2	µg/L	LUFT GC/MS	-88	-88			
2020/21-4	MO-THO	srgt environ, rec	5/4/2021	Organic	4-Bromofluorobenzene	n/a	=	88	%	LUFT GC/MS	-88	-88	83	110	
2020/21-4	Lab	LCS	5/18/2021	Organic	4-Bromophenyl phenyl ether	n/a	=	9.33	µg/L	EPA 625.1	0.36	1			
2020/21-4	Lab	LCS, rec	5/18/2021	Organic	4-Bromophenyl phenyl ether	n/a	=	93	%	EPA 625.1	-88	-88	65	120	
2020/21-4	Lab	LCS dup	5/18/2021	Organic	4-Bromophenyl phenyl ether	n/a	=	8.46	µg/L	EPA 625.1	0.36	1			
2020/21-4	Lab	LCS dup, rec	5/18/2021	Organic	4-Bromophenyl phenyl ether	n/a	=	85	%	EPA 625.1	-88	-88	65	120	
2020/21-4	Lab	LCS, RPD	5/18/2021	Organic	4-Bromophenyl phenyl ether	n/a	=	10	%	EPA 625.1	-88	-88	0	30	
2020/21-4	Lab	method blank	5/18/2021	Organic	4-Bromophenyl phenyl ether	n/a	<	0.36	µg/L	EPA 625.1	0.36	1			
2020/21-4	Lab	LCS	5/25/2021	Organic	4-Bromophenyl phenyl ether	n/a	=	7.09	µg/L	EPA 625.1	0.36	1			
2020/21-4	Lab	LCS, rec	5/25/2021	Organic	4-Bromophenyl phenyl ether	n/a	=	71	%	EPA 625.1	-88	-88	65	120	
2020/21-4	Lab	LCS dup	5/25/2021	Organic	4-Bromophenyl phenyl ether	n/a	=	7.77	µg/L	EPA 625.1	0.36	1			
2020/21-4	Lab	LCS dup, rec	5/25/2021	Organic	4-Bromophenyl phenyl ether	n/a	=	78	%	EPA 625.1	-88	-88	65	120	
2020/21-4	Lab	LCS, RPD	5/25/2021	Organic	4-Bromophenyl phenyl ether	n/a	=	9	%	EPA 625.1	-88	-88	0	30	
2020/21-4	Lab	method blank	5/25/2021	Organic	4-Bromophenyl phenyl ether	n/a	<	0.36	µg/L	EPA 625.1	0.36	1			
2020/21-4	Lab	LCS	5/26/2021	Organic	4-Bromophenyl phenyl ether	n/a	=	10.1	µg/L	EPA 625.1	0.36	1			
2020/21-4	Lab	LCS, rec	5/26/2021	Organic	4-Bromophenyl phenyl ether	n/a	=	101	%	EPA 625.1	-88	-88	65	120	
2020/21-4	Lab	LCS dup	5/26/2021	Organic	4-Bromophenyl phenyl ether	n/a	=	8.12	µg/L	EPA 625.1	0.36	1			
2020/21-4	Lab	LCS dup, rec	5/26/2021	Organic	4-Bromophenyl phenyl ether	n/a	=	81	%	EPA 625.1	-88	-88	65	120	
2020/21-4	Lab	LCS, RPD	5/26/2021	Organic	4-Bromophenyl phenyl ether	n/a	=	22	%	EPA 625.1	-88	-88	0	30	
2020/21-4	Lab	method blank	5/27/2021	Organic	4-Bromophenyl phenyl ether	n/a	<	0.36	µg/L	EPA 625.1	0.36	1			
2020/21-4	Lab	LCS	5/27/2021	Organic	4-Bromophenyl phenyl ether	n/a	=	8.83	µg/L	EPA 625.1	0.36	1			
2020/21-4	Lab	LCS, rec	5/27/2021	Organic	4-Bromophenyl phenyl ether	n/a	=	88	%	EPA 625.1	-88	-88	65	120	
2020/21-4	Lab	LCS dup	5/27/2021	Organic	4-Bromophenyl phenyl ether	n/a	=	9.58	µg/L	EPA 625.1	0.36	1			
2020/21-4	Lab	LCS dup, rec	5/27/2021	Organic	4-Bromophenyl phenyl ether	n/a	=	96	%	EPA 625.1	-88	-88	65	120	
2020/21-4	Lab	LCS, RPD	5/27/2021	Organic	4-Bromophenyl phenyl ether	n/a	=	8	%	EPA 625.1	-88	-88	0	30	
2020/21-4	Lab	method blank	5/27/2021	Organic	4-Bromophenyl phenyl ether	n/a	<	0.36	µg/L	EPA 625.1	0.36	1			
2020/21-4	Lab	LCS	6/1/2021	Organic	4-Bromophenyl phenyl ether	n/a	=	7.85	µg/L	EPA 625.1	0.36	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	
2020/21-4	Lab	LCS, rec	6/1/2021	Organic	4-Bromophenyl phenyl ether	n/a	=	79	%	EPA 625.1	-88	-88	65	120	
2020/21-4	Lab	LCS dup	6/1/2021	Organic	4-Bromophenyl phenyl ether	n/a	=	8.84	µg/L	EPA 625.1	0.36	1			
2020/21-4	Lab	LCS dup, rec	6/1/2021	Organic	4-Bromophenyl phenyl ether	n/a	=	88	%	EPA 625.1	-88	-88	65	120	
2020/21-4	Lab	LCS, RPD	6/1/2021	Organic	4-Bromophenyl phenyl ether	n/a	=	12	%	EPA 625.1	-88	-88	0	30	
2020/21-4	Lab	method blank	6/2/2021	Organic	4-Bromophenyl phenyl ether	n/a	<	0.36	µg/L	EPA 625.1	0.36	1			
2020/21-4	Lab	LCS	5/18/2021	Organic	4-Chloro-3-methylphenol	n/a	=	9	µg/L	EPA 625.1	0.23	1			
2020/21-4	Lab	LCS, rec	5/18/2021	Organic	4-Chloro-3-methylphenol	n/a	=	90	%	EPA 625.1	-88	-88	41	128	
2020/21-4	Lab	LCS dup	5/18/2021	Organic	4-Chloro-3-methylphenol	n/a	=	7.75	µg/L	EPA 625.1	0.23	1			
2020/21-4	Lab	LCS dup, rec	5/18/2021	Organic	4-Chloro-3-methylphenol	n/a	=	77	%	EPA 625.1	-88	-88	41	128	
2020/21-4	Lab	LCS, RPD	5/18/2021	Organic	4-Chloro-3-methylphenol	n/a	=	15	%	EPA 625.1	-88	-88	0	30	
2020/21-4	Lab	method blank	5/18/2021	Organic	4-Chloro-3-methylphenol	n/a	<	0.23	µg/L	EPA 625.1	0.23	1			
2020/21-4	Lab	method blank	5/24/2021	Organic	4-Chloro-3-methylphenol	n/a	<	0.37	µg/L	EPA 8270C	0.37	1			
2020/21-4	Lab	LCS	5/24/2021	Organic	4-Chloro-3-methylphenol	n/a	=	10.5	µg/L	EPA 8270C	0.37	1			
2020/21-4	Lab	LCS, rec	5/24/2021	Organic	4-Chloro-3-methylphenol	n/a	=	105	%	EPA 8270C	-88	-88	29	108	
2020/21-4	Lab	LCS dup	5/24/2021	Organic	4-Chloro-3-methylphenol	n/a	=	8.02	µg/L	EPA 8270C	0.37	1			
2020/21-4	Lab	LCS dup, rec	5/24/2021	Organic	4-Chloro-3-methylphenol	n/a	=	80	%	EPA 8270C	-88	-88	29	108	
2020/21-4	Lab	LCS, RPD	5/24/2021	Organic	4-Chloro-3-methylphenol	n/a	=	26	%	EPA 8270C	-88	-88	0	30	
2020/21-4	Lab	method blank	5/24/2021	Organic	4-Chloro-3-methylphenol	n/a	<	0.37	µg/L	EPA 8270C	0.37	1			
2020/21-4	Lab	LCS	5/24/2021	Organic	4-Chloro-3-methylphenol	n/a	=	8.46	µg/L	EPA 8270C	0.37	1			
2020/21-4	Lab	LCS, rec	5/24/2021	Organic	4-Chloro-3-methylphenol	n/a	=	85	%	EPA 8270C	-88	-88	29	108	
2020/21-4	Lab	LCS dup	5/24/2021	Organic	4-Chloro-3-methylphenol	n/a	=	7.69	µg/L	EPA 8270C	0.37	1			
2020/21-4	Lab	LCS dup, rec	5/24/2021	Organic	4-Chloro-3-methylphenol	n/a	=	77	%	EPA 8270C	-88	-88	29	108	
2020/21-4	Lab	LCS, RPD	5/24/2021	Organic	4-Chloro-3-methylphenol	n/a	=	10	%	EPA 8270C	-88	-88	0	30	
2020/21-4	Lab	method blank	5/25/2021	Organic	4-Chloro-3-methylphenol	n/a	<	0.37	µg/L	EPA 8270C	0.37	1			
2020/21-4	Lab	LCS	5/25/2021	Organic	4-Chloro-3-methylphenol	n/a	=	8.71	µg/L	EPA 8270C	0.37	1			
2020/21-4	Lab	LCS, rec	5/25/2021	Organic	4-Chloro-3-methylphenol	n/a	=	87	%	EPA 8270C	-88	-88	29	108	
2020/21-4	Lab	LCS dup	5/25/2021	Organic	4-Chloro-3-methylphenol	n/a	=	7.14	µg/L	EPA 8270C	0.37	1			
2020/21-4	Lab	LCS dup, rec	5/25/2021	Organic	4-Chloro-3-methylphenol	n/a	=	71	%	EPA 8270C	-88	-88	29	108	
2020/21-4	Lab	LCS, RPD	5/25/2021	Organic	4-Chloro-3-methylphenol	n/a	=	20	%	EPA 8270C	-88	-88	0	30	
2020/21-4	Lab	LCS	5/25/2021	Organic	4-Chloro-3-methylphenol	n/a	=	5.81	µg/L	EPA 625.1	0.23	1			
2020/21-4	Lab	LCS, rec	5/25/2021	Organic	4-Chloro-3-methylphenol	n/a	=	58	%	EPA 625.1	-88	-88	41	128	
2020/21-4	Lab	LCS dup	5/25/2021	Organic	4-Chloro-3-methylphenol	n/a	=	6.33	µg/L	EPA 625.1	0.23	1			
2020/21-4	Lab	LCS dup, rec	5/25/2021	Organic	4-Chloro-3-methylphenol	n/a	=	63	%	EPA 625.1	-88	-88	41	128	
2020/21-4	Lab	LCS, RPD	5/25/2021	Organic	4-Chloro-3-methylphenol	n/a	=	9	%	EPA 625.1	-88	-88	0	30	
2020/21-4	Lab	method blank	5/25/2021	Organic	4-Chloro-3-methylphenol	n/a	<	0.23	µg/L	EPA 625.1	0.23	1			
2020/21-4	Lab	LCS	5/26/2021	Organic	4-Chloro-3-methylphenol	n/a	=	8.45	µg/L	EPA 625.1	0.23	1			
2020/21-4	Lab	LCS, rec	5/26/2021	Organic	4-Chloro-3-methylphenol	n/a	=	85	%	EPA 625.1	-88	-88	41	128	
2020/21-4	Lab	LCS dup	5/26/2021	Organic	4-Chloro-3-methylphenol	n/a	=	5.91	µg/L	EPA 625.1	0.23	1			IL
2020/21-4	Lab	LCS dup, rec	5/26/2021	Organic	4-Chloro-3-methylphenol	n/a	=	59	%	EPA 625.1	-88	-88	41	128	IL
2020/21-4	Lab	LCS, RPD	5/26/2021	Organic	4-Chloro-3-methylphenol	n/a	=	35	%	EPA 625.1	-88	-88	0	30	IL
2020/21-4	Lab	method blank	5/27/2021	Organic	4-Chloro-3-methylphenol	n/a	<	0.23	µg/L	EPA 625.1	0.23	1			
2020/21-4	Lab	LCS	5/27/2021	Organic	4-Chloro-3-methylphenol	n/a	=	7.86	µg/L	EPA 625.1	0.23	1			
2020/21-4	Lab	LCS, rec	5/27/2021	Organic	4-Chloro-3-methylphenol	n/a	=	79	%	EPA 625.1	-88	-88	41	128	
2020/21-4	Lab	LCS dup	5/27/2021	Organic	4-Chloro-3-methylphenol	n/a	=	8.13	µg/L	EPA 625.1	0.23	1			
2020/21-4	Lab	LCS dup, rec	5/27/2021	Organic	4-Chloro-3-methylphenol	n/a	=	81	%	EPA 625.1	-88	-88	41	128	
2020/21-4	Lab	LCS, RPD	5/27/2021	Organic	4-Chloro-3-methylphenol	n/a	=	3	%	EPA 625.1	-88	-88	0	30	
2020/21-4	Lab	method blank	5/27/2021	Organic	4-Chloro-3-methylphenol	n/a	<	0.23	µg/L	EPA 625.1	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	
2020/21-4	Lab	LCS	6/1/2021	Organic	4-Chloro-3-methylphenol	n/a	=	7.01	µg/L	EPA 625.1	0.23	1			
2020/21-4	Lab	LCS, rec	6/1/2021	Organic	4-Chloro-3-methylphenol	n/a	=	70	%	EPA 625.1	-88	-88	41	128	
2020/21-4	Lab	LCS dup	6/1/2021	Organic	4-Chloro-3-methylphenol	n/a	=	8.09	µg/L	EPA 625.1	0.23	1			
2020/21-4	Lab	LCS dup, rec	6/1/2021	Organic	4-Chloro-3-methylphenol	n/a	=	81	%	EPA 625.1	-88	-88	41	128	
2020/21-4	Lab	LCS, RPD	6/1/2021	Organic	4-Chloro-3-methylphenol	n/a	=	14	%	EPA 625.1	-88	-88	0	30	
2020/21-4	Lab	method blank	6/2/2021	Organic	4-Chloro-3-methylphenol	n/a	<	0.23	µg/L	EPA 625.1	0.23	1			
2020/21-4	Lab	method blank	6/3/2021	Organic	4-Chloro-3-methylphenol	n/a	<	0.37	µg/L	EPA 8270C	0.37	1			
2020/21-4	Lab	LCS	6/3/2021	Organic	4-Chloro-3-methylphenol	n/a	=	6.42	µg/L	EPA 8270C	0.37	1			
2020/21-4	Lab	LCS, rec	6/3/2021	Organic	4-Chloro-3-methylphenol	n/a	=	64	%	EPA 8270C	-88	-88	29	108	
2020/21-4	Lab	LCS dup	6/3/2021	Organic	4-Chloro-3-methylphenol	n/a	=	6.97	µg/L	EPA 8270C	0.37	1			
2020/21-4	Lab	LCS dup, rec	6/3/2021	Organic	4-Chloro-3-methylphenol	n/a	=	70	%	EPA 8270C	-88	-88	29	108	
2020/21-4	Lab	LCS, RPD	6/3/2021	Organic	4-Chloro-3-methylphenol	n/a	=	8	%	EPA 8270C	-88	-88	0	30	
2020/21-4	Lab	LCS	5/18/2021	Organic	4-Chlorophenyl phenyl ether	n/a	=	8.95	µg/L	EPA 625.1	0.41	1			
2020/21-4	Lab	LCS, rec	5/18/2021	Organic	4-Chlorophenyl phenyl ether	n/a	=	89	%	EPA 625.1	-88	-88	38	145	
2020/21-4	Lab	LCS dup	5/18/2021	Organic	4-Chlorophenyl phenyl ether	n/a	=	7.86	µg/L	EPA 625.1	0.41	1			
2020/21-4	Lab	LCS dup, rec	5/18/2021	Organic	4-Chlorophenyl phenyl ether	n/a	=	79	%	EPA 625.1	-88	-88	38	145	
2020/21-4	Lab	LCS, RPD	5/18/2021	Organic	4-Chlorophenyl phenyl ether	n/a	=	13	%	EPA 625.1	-88	-88	0	30	
2020/21-4	Lab	method blank	5/18/2021	Organic	4-Chlorophenyl phenyl ether	n/a	<	0.41	µg/L	EPA 625.1	0.41	1			
2020/21-4	Lab	LCS	5/25/2021	Organic	4-Chlorophenyl phenyl ether	n/a	=	6.67	µg/L	EPA 625.1	0.41	1			
2020/21-4	Lab	LCS, rec	5/25/2021	Organic	4-Chlorophenyl phenyl ether	n/a	=	67	%	EPA 625.1	-88	-88	38	145	
2020/21-4	Lab	LCS dup	5/25/2021	Organic	4-Chlorophenyl phenyl ether	n/a	=	7.24	µg/L	EPA 625.1	0.41	1			
2020/21-4	Lab	LCS dup, rec	5/25/2021	Organic	4-Chlorophenyl phenyl ether	n/a	=	72	%	EPA 625.1	-88	-88	38	145	
2020/21-4	Lab	LCS, RPD	5/25/2021	Organic	4-Chlorophenyl phenyl ether	n/a	=	8	%	EPA 625.1	-88	-88	0	30	
2020/21-4	Lab	method blank	5/25/2021	Organic	4-Chlorophenyl phenyl ether	n/a	<	0.41	µg/L	EPA 625.1	0.41	1			
2020/21-4	Lab	LCS	5/26/2021	Organic	4-Chlorophenyl phenyl ether	n/a	=	9.6	µg/L	EPA 625.1	0.41	1			
2020/21-4	Lab	LCS, rec	5/26/2021	Organic	4-Chlorophenyl phenyl ether	n/a	=	96	%	EPA 625.1	-88	-88	38	145	
2020/21-4	Lab	LCS dup	5/26/2021	Organic	4-Chlorophenyl phenyl ether	n/a	=	7.59	µg/L	EPA 625.1	0.41	1			
2020/21-4	Lab	LCS dup, rec	5/26/2021	Organic	4-Chlorophenyl phenyl ether	n/a	=	76	%	EPA 625.1	-88	-88	38	145	
2020/21-4	Lab	LCS, RPD	5/26/2021	Organic	4-Chlorophenyl phenyl ether	n/a	=	23	%	EPA 625.1	-88	-88	0	30	
2020/21-4	Lab	method blank	5/27/2021	Organic	4-Chlorophenyl phenyl ether	n/a	<	0.41	µg/L	EPA 625.1	0.41	1			
2020/21-4	Lab	LCS	5/27/2021	Organic	4-Chlorophenyl phenyl ether	n/a	=	8.22	µg/L	EPA 625.1	0.41	1			
2020/21-4	Lab	LCS, rec	5/27/2021	Organic	4-Chlorophenyl phenyl ether	n/a	=	82	%	EPA 625.1	-88	-88	38	145	
2020/21-4	Lab	LCS dup	5/27/2021	Organic	4-Chlorophenyl phenyl ether	n/a	=	8.8	µg/L	EPA 625.1	0.41	1			
2020/21-4	Lab	LCS dup, rec	5/27/2021	Organic	4-Chlorophenyl phenyl ether	n/a	=	88	%	EPA 625.1	-88	-88	38	145	
2020/21-4	Lab	LCS, RPD	5/27/2021	Organic	4-Chlorophenyl phenyl ether	n/a	=	7	%	EPA 625.1	-88	-88	0	30	
2020/21-4	Lab	method blank	5/27/2021	Organic	4-Chlorophenyl phenyl ether	n/a	<	0.41	µg/L	EPA 625.1	0.41	1			
2020/21-4	Lab	LCS	6/1/2021	Organic	4-Chlorophenyl phenyl ether	n/a	=	7.11	µg/L	EPA 625.1	0.41	1			
2020/21-4	Lab	LCS, rec	6/1/2021	Organic	4-Chlorophenyl phenyl ether	n/a	=	71	%	EPA 625.1	-88	-88	38	145	
2020/21-4	Lab	LCS dup	6/1/2021	Organic	4-Chlorophenyl phenyl ether	n/a	=	7.85	µg/L	EPA 625.1	0.41	1			
2020/21-4	Lab	LCS dup, rec	6/1/2021	Organic	4-Chlorophenyl phenyl ether	n/a	=	78	%	EPA 625.1	-88	-88	38	145	
2020/21-4	Lab	LCS, RPD	6/1/2021	Organic	4-Chlorophenyl phenyl ether	n/a	=	10	%	EPA 625.1	-88	-88	0	30	
2020/21-4	Lab	method blank	6/2/2021	Organic	4-Chlorophenyl phenyl ether	n/a	<	0.41	µg/L	EPA 625.1	0.41	1			
2020/21-4	Lab	LCS	5/18/2021	Organic	4-Nitrophenol	n/a	DNQ	3.85	µg/L	EPA 625.1	1.2	5			
2020/21-4	Lab	LCS, rec	5/18/2021	Organic	4-Nitrophenol	n/a	=	39	%	EPA 625.1	-88	-88	13	129	
2020/21-4	Lab	LCS dup	5/18/2021	Organic	4-Nitrophenol	n/a	DNQ	2.67	µg/L	EPA 625.1	1.2	5			IL
2020/21-4	Lab	LCS dup, rec	5/18/2021	Organic	4-Nitrophenol	n/a	=	27	%	EPA 625.1	-88	-88	13	129	IL
2020/21-4	Lab	LCS, RPD	5/18/2021	Organic	4-Nitrophenol	n/a	=	36	%	EPA 625.1	-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	
2020/21-4	Lab	method blank	5/18/2021	Organic	4-Nitrophenol	n/a	<	1.2	µg/L	EPA 625.1	1.2	5			
2020/21-4	Lab	method blank	5/24/2021	Organic	4-Nitrophenol	n/a	<	1	µg/L	EPA 8270C	1	2			
2020/21-4	Lab	LCS	5/24/2021	Organic	4-Nitrophenol	n/a	=	5.33	µg/L	EPA 8270C	1	2			EUM
2020/21-4	Lab	LCS, rec	5/24/2021	Organic	4-Nitrophenol	n/a	=	53	%	EPA 8270C	-88	-88	6	46	EUM
2020/21-4	Lab	LCS dup	5/24/2021	Organic	4-Nitrophenol	n/a	=	4.6	µg/L	EPA 8270C	1	2			
2020/21-4	Lab	LCS dup, rec	5/24/2021	Organic	4-Nitrophenol	n/a	=	46	%	EPA 8270C	-88	-88	6	46	
2020/21-4	Lab	LCS, RPD	5/24/2021	Organic	4-Nitrophenol	n/a	=	15	%	EPA 8270C	-88	-88	0	30	
2020/21-4	Lab	method blank	5/24/2021	Organic	4-Nitrophenol	n/a	<	1	µg/L	EPA 8270C	1	2			
2020/21-4	Lab	LCS	5/24/2021	Organic	4-Nitrophenol	n/a	=	4.01	µg/L	EPA 8270C	1	2			
2020/21-4	Lab	LCS, rec	5/24/2021	Organic	4-Nitrophenol	n/a	=	40	%	EPA 8270C	-88	-88	6	46	
2020/21-4	Lab	LCS dup	5/24/2021	Organic	4-Nitrophenol	n/a	=	4.22	µg/L	EPA 8270C	1	2			
2020/21-4	Lab	LCS dup, rec	5/24/2021	Organic	4-Nitrophenol	n/a	=	42	%	EPA 8270C	-88	-88	6	46	
2020/21-4	Lab	LCS, RPD	5/24/2021	Organic	4-Nitrophenol	n/a	=	5	%	EPA 8270C	-88	-88	0	30	
2020/21-4	Lab	method blank	5/25/2021	Organic	4-Nitrophenol	n/a	<	1	µg/L	EPA 8270C	1	2			
2020/21-4	Lab	LCS	5/25/2021	Organic	4-Nitrophenol	n/a	=	4.41	µg/L	EPA 8270C	1	2			
2020/21-4	Lab	LCS, rec	5/25/2021	Organic	4-Nitrophenol	n/a	=	44	%	EPA 8270C	-88	-88	6	46	
2020/21-4	Lab	LCS dup	5/25/2021	Organic	4-Nitrophenol	n/a	=	3.06	µg/L	EPA 8270C	1	2			IL
2020/21-4	Lab	LCS dup, rec	5/25/2021	Organic	4-Nitrophenol	n/a	=	31	%	EPA 8270C	-88	-88	6	46	IL
2020/21-4	Lab	LCS, RPD	5/25/2021	Organic	4-Nitrophenol	n/a	=	36	%	EPA 8270C	-88	-88	0	30	IL
2020/21-4	Lab	LCS	5/25/2021	Organic	4-Nitrophenol	n/a	DNQ	2.72	µg/L	EPA 625.1	1.2	5			
2020/21-4	Lab	LCS, rec	5/25/2021	Organic	4-Nitrophenol	n/a	=	27	%	EPA 625.1	-88	-88	13	129	
2020/21-4	Lab	LCS dup	5/25/2021	Organic	4-Nitrophenol	n/a	DNQ	2.83	µg/L	EPA 625.1	1.2	5			
2020/21-4	Lab	LCS dup, rec	5/25/2021	Organic	4-Nitrophenol	n/a	=	28	%	EPA 625.1	-88	-88	13	129	
2020/21-4	Lab	LCS, RPD	5/25/2021	Organic	4-Nitrophenol	n/a	=	4	%	EPA 625.1	-88	-88	0	30	
2020/21-4	Lab	method blank	5/25/2021	Organic	4-Nitrophenol	n/a	<	1.2	µg/L	EPA 625.1	1.2	5			
2020/21-4	Lab	LCS	5/26/2021	Organic	4-Nitrophenol	n/a	DNQ	4.36	µg/L	EPA 625.1	1.2	5			
2020/21-4	Lab	LCS, rec	5/26/2021	Organic	4-Nitrophenol	n/a	=	44	%	EPA 625.1	-88	-88	13	129	
2020/21-4	Lab	LCS dup	5/26/2021	Organic	4-Nitrophenol	n/a	DNQ	3.13	µg/L	EPA 625.1	1.2	5			IL
2020/21-4	Lab	LCS dup, rec	5/26/2021	Organic	4-Nitrophenol	n/a	=	31	%	EPA 625.1	-88	-88	13	129	IL
2020/21-4	Lab	LCS, RPD	5/26/2021	Organic	4-Nitrophenol	n/a	=	33	%	EPA 625.1	-88	-88	0	30	IL
2020/21-4	Lab	method blank	5/27/2021	Organic	4-Nitrophenol	n/a	<	1.2	µg/L	EPA 625.1	1.2	5			
2020/21-4	Lab	LCS	5/27/2021	Organic	4-Nitrophenol	n/a	DNQ	4.2	µg/L	EPA 625.1	1.2	5			
2020/21-4	Lab	LCS, rec	5/27/2021	Organic	4-Nitrophenol	n/a	=	42	%	EPA 625.1	-88	-88	13	129	
2020/21-4	Lab	LCS dup	5/27/2021	Organic	4-Nitrophenol	n/a	DNQ	4.49	µg/L	EPA 625.1	1.2	5			
2020/21-4	Lab	LCS dup, rec	5/27/2021	Organic	4-Nitrophenol	n/a	=	45	%	EPA 625.1	-88	-88	13	129	
2020/21-4	Lab	LCS, RPD	5/27/2021	Organic	4-Nitrophenol	n/a	=	7	%	EPA 625.1	-88	-88	0	30	
2020/21-4	Lab	method blank	5/27/2021	Organic	4-Nitrophenol	n/a	<	1.2	µg/L	EPA 625.1	1.2	5			
2020/21-4	Lab	LCS	6/1/2021	Organic	4-Nitrophenol	n/a	DNQ	3.75	µg/L	EPA 625.1	1.2	5			
2020/21-4	Lab	LCS, rec	6/1/2021	Organic	4-Nitrophenol	n/a	=	38	%	EPA 625.1	-88	-88	13	129	
2020/21-4	Lab	LCS dup	6/1/2021	Organic	4-Nitrophenol	n/a	DNQ	4.3	µg/L	EPA 625.1	1.2	5			
2020/21-4	Lab	LCS dup, rec	6/1/2021	Organic	4-Nitrophenol	n/a	=	43	%	EPA 625.1	-88	-88	13	129	
2020/21-4	Lab	LCS, RPD	6/1/2021	Organic	4-Nitrophenol	n/a	=	14	%	EPA 625.1	-88	-88	0	30	
2020/21-4	Lab	method blank	6/2/2021	Organic	4-Nitrophenol	n/a	<	1.2	µg/L	EPA 625.1	1.2	5			
2020/21-4	Lab	method blank	6/3/2021	Organic	4-Nitrophenol	n/a	<	1	µg/L	EPA 8270C	1	2			
2020/21-4	Lab	LCS	6/3/2021	Organic	4-Nitrophenol	n/a	=	3.83	µg/L	EPA 8270C	1	2			
2020/21-4	Lab	LCS, rec	6/3/2021	Organic	4-Nitrophenol	n/a	=	38	%	EPA 8270C	-88	-88	6	46	
2020/21-4	Lab	LCS dup	6/3/2021	Organic	4-Nitrophenol	n/a	=	3.99	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	
2020/21-4	Lab	LCS dup. rec	6/3/2021	Organic	4-Nitrophenol	n/a	=	40	%	EPA 8270C	-88	-88	6	46	
2020/21-4	Lab	LCS, RPD	6/3/2021	Organic	4-Nitrophenol	n/a	=	4	%	EPA 8270C	-88	-88	0	30	
2020/21-4	Lab	method blank	5/5/2021	Organic	Acenaphthene	n/a	<	0.028	µg/L	EPA 8270C	0.028	0.1			
2020/21-4	Lab	LCS	5/5/2021	Organic	Acenaphthene	n/a	=	8.64	µg/L	EPA 8270C	0.028	0.1			
2020/21-4	Lab	LCS, rec	5/5/2021	Organic	Acenaphthene	n/a	=	86	%	EPA 8270C	-88	-88	11	122	
2020/21-4	Lab	LCS dup	5/5/2021	Organic	Acenaphthene	n/a	=	7.24	µg/L	EPA 8270C	0.028	0.1			
2020/21-4	Lab	LCS dup. rec	5/5/2021	Organic	Acenaphthene	n/a	=	72	%	EPA 8270C	-88	-88	11	122	
2020/21-4	Lab	LCS, RPD	5/5/2021	Organic	Acenaphthene	n/a	=	18	%	EPA 8270C	-88	-88	0	30	
2020/21-4	Lab	method blank	5/5/2021	Organic	Acenaphthene	n/a	<	0.028	µg/L	EPA 8270C	0.028	0.1			
2020/21-4	Lab	LCS	5/5/2021	Organic	Acenaphthene	n/a	=	7.5	µg/L	EPA 8270C	0.028	0.1			
2020/21-4	Lab	LCS, rec	5/5/2021	Organic	Acenaphthene	n/a	=	75	%	EPA 8270C	-88	-88	11	122	
2020/21-4	Lab	LCS dup	5/5/2021	Organic	Acenaphthene	n/a	=	8.09	µg/L	EPA 8270C	0.028	0.1			
2020/21-4	Lab	LCS dup. rec	5/5/2021	Organic	Acenaphthene	n/a	=	81	%	EPA 8270C	-88	-88	11	122	
2020/21-4	Lab	LCS, RPD	5/5/2021	Organic	Acenaphthene	n/a	=	7	%	EPA 8270C	-88	-88	0	30	
2020/21-4	Lab	LCS	5/18/2021	Organic	Acenaphthene	n/a	=	9.42	µg/L	EPA 625.1	0.38	1			
2020/21-4	Lab	LCS, rec	5/18/2021	Organic	Acenaphthene	n/a	=	94	%	EPA 625.1	-88	-88	60	132	
2020/21-4	Lab	LCS dup	5/18/2021	Organic	Acenaphthene	n/a	=	8.57	µg/L	EPA 625.1	0.38	1			
2020/21-4	Lab	LCS dup. rec	5/18/2021	Organic	Acenaphthene	n/a	=	86	%	EPA 625.1	-88	-88	60	132	
2020/21-4	Lab	LCS, RPD	5/18/2021	Organic	Acenaphthene	n/a	=	9	%	EPA 625.1	-88	-88	0	30	
2020/21-4	Lab	method blank	5/18/2021	Organic	Acenaphthene	n/a	<	0.38	µg/L	EPA 625.1	0.38	1			
2020/21-4	Lab	LCS	5/25/2021	Organic	Acenaphthene	n/a	=	7.18	µg/L	EPA 625.1	0.38	1			
2020/21-4	Lab	LCS, rec	5/25/2021	Organic	Acenaphthene	n/a	=	72	%	EPA 625.1	-88	-88	60	132	
2020/21-4	Lab	LCS dup	5/25/2021	Organic	Acenaphthene	n/a	=	7.74	µg/L	EPA 625.1	0.38	1			
2020/21-4	Lab	LCS dup. rec	5/25/2021	Organic	Acenaphthene	n/a	=	77	%	EPA 625.1	-88	-88	60	132	
2020/21-4	Lab	LCS, RPD	5/25/2021	Organic	Acenaphthene	n/a	=	7	%	EPA 625.1	-88	-88	0	30	
2020/21-4	Lab	method blank	5/25/2021	Organic	Acenaphthene	n/a	<	0.38	µg/L	EPA 625.1	0.38	1			
2020/21-4	Lab	LCS	5/26/2021	Organic	Acenaphthene	n/a	=	9.51	µg/L	EPA 625.1	0.38	1			
2020/21-4	Lab	LCS, rec	5/26/2021	Organic	Acenaphthene	n/a	=	95	%	EPA 625.1	-88	-88	60	132	
2020/21-4	Lab	LCS dup	5/26/2021	Organic	Acenaphthene	n/a	=	7.23	µg/L	EPA 625.1	0.38	1			
2020/21-4	Lab	LCS dup. rec	5/26/2021	Organic	Acenaphthene	n/a	=	72	%	EPA 625.1	-88	-88	60	132	
2020/21-4	Lab	LCS, RPD	5/26/2021	Organic	Acenaphthene	n/a	=	27	%	EPA 625.1	-88	-88	0	30	
2020/21-4	Lab	method blank	5/27/2021	Organic	Acenaphthene	n/a	<	0.38	µg/L	EPA 625.1	0.38	1			
2020/21-4	Lab	LCS	5/27/2021	Organic	Acenaphthene	n/a	=	8.18	µg/L	EPA 625.1	0.38	1			
2020/21-4	Lab	LCS, rec	5/27/2021	Organic	Acenaphthene	n/a	=	82	%	EPA 625.1	-88	-88	60	132	
2020/21-4	Lab	LCS dup	5/27/2021	Organic	Acenaphthene	n/a	=	8.77	µg/L	EPA 625.1	0.38	1			
2020/21-4	Lab	LCS dup. rec	5/27/2021	Organic	Acenaphthene	n/a	=	88	%	EPA 625.1	-88	-88	60	132	
2020/21-4	Lab	LCS, RPD	5/27/2021	Organic	Acenaphthene	n/a	=	7	%	EPA 625.1	-88	-88	0	30	
2020/21-4	Lab	method blank	5/27/2021	Organic	Acenaphthene	n/a	<	0.38	µg/L	EPA 625.1	0.38	1			
2020/21-4	Lab	LCS	6/1/2021	Organic	Acenaphthene	n/a	=	7.23	µg/L	EPA 625.1	0.38	1			
2020/21-4	Lab	LCS, rec	6/1/2021	Organic	Acenaphthene	n/a	=	72	%	EPA 625.1	-88	-88	60	132	
2020/21-4	Lab	LCS dup	6/1/2021	Organic	Acenaphthene	n/a	=	7.67	µg/L	EPA 625.1	0.38	1			
2020/21-4	Lab	LCS dup. rec	6/1/2021	Organic	Acenaphthene	n/a	=	77	%	EPA 625.1	-88	-88	60	132	
2020/21-4	Lab	LCS, RPD	6/1/2021	Organic	Acenaphthene	n/a	=	6	%	EPA 625.1	-88	-88	0	30	
2020/21-4	Lab	method blank	6/2/2021	Organic	Acenaphthene	n/a	<	0.38	µg/L	EPA 625.1	0.38	1			
2020/21-4	Lab	method blank	6/3/2021	Organic	Acenaphthene	n/a	<	0.028	µg/L	EPA 8270C	0.028	0.1			
2020/21-4	Lab	LCS	6/3/2021	Organic	Acenaphthene	n/a	=	8.27	µg/L	EPA 8270C	0.028	0.1			
2020/21-4	Lab	LCS, rec	6/3/2021	Organic	Acenaphthene	n/a	=	83	%	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	
2020/21-4	Lab	LCS dup	6/3/2021	Organic	Acenaphthene	n/a	=	8.9	µg/L	EPA 8270C	0.028	0.1			
2020/21-4	Lab	LCS dup, rec	6/3/2021	Organic	Acenaphthene	n/a	=	89	%	EPA 8270C	-88	-88	11	122	
2020/21-4	Lab	LCS, RPD	6/3/2021	Organic	Acenaphthene	n/a	=	7	%	EPA 8270C	-88	-88	0	30	
2020/21-4	Lab	method blank	6/17/2021	Organic	Acenaphthene	n/a	<	0.028	µg/L	EPA 8270C	0.028	0.1			
2020/21-4	Lab	LCS	6/17/2021	Organic	Acenaphthene	n/a	=	5.98	µg/L	EPA 8270C	0.028	0.1			
2020/21-4	Lab	LCS, rec	6/17/2021	Organic	Acenaphthene	n/a	=	60	%	EPA 8270C	-88	-88	11	122	
2020/21-4	Lab	LCS dup	6/18/2021	Organic	Acenaphthene	n/a	=	6.48	µg/L	EPA 8270C	0.028	0.1			
2020/21-4	Lab	LCS dup, rec	6/18/2021	Organic	Acenaphthene	n/a	=	65	%	EPA 8270C	-88	-88	11	122	
2020/21-4	Lab	LCS, RPD	6/18/2021	Organic	Acenaphthene	n/a	=	8	%	EPA 8270C	-88	-88	0	30	
2020/21-4	Lab	method blank	5/5/2021	Organic	Acenaphthylene	n/a	<	0.033	µg/L	EPA 8270C	0.033	0.1			
2020/21-4	Lab	LCS	5/5/2021	Organic	Acenaphthylene	n/a	=	9.88	µg/L	EPA 8270C	0.033	0.1			
2020/21-4	Lab	LCS, rec	5/5/2021	Organic	Acenaphthylene	n/a	=	99	%	EPA 8270C	-88	-88	4	135	
2020/21-4	Lab	LCS dup	5/5/2021	Organic	Acenaphthylene	n/a	=	8.21	µg/L	EPA 8270C	0.033	0.1			
2020/21-4	Lab	LCS dup, rec	5/5/2021	Organic	Acenaphthylene	n/a	=	82	%	EPA 8270C	-88	-88	4	135	
2020/21-4	Lab	LCS, RPD	5/5/2021	Organic	Acenaphthylene	n/a	=	18	%	EPA 8270C	-88	-88	0	30	
2020/21-4	Lab	method blank	5/5/2021	Organic	Acenaphthylene	n/a	<	0.033	µg/L	EPA 8270C	0.033	0.1			
2020/21-4	Lab	LCS	5/5/2021	Organic	Acenaphthylene	n/a	=	8.38	µg/L	EPA 8270C	0.033	0.1			
2020/21-4	Lab	LCS, rec	5/5/2021	Organic	Acenaphthylene	n/a	=	84	%	EPA 8270C	-88	-88	4	135	
2020/21-4	Lab	LCS dup	5/5/2021	Organic	Acenaphthylene	n/a	=	9.16	µg/L	EPA 8270C	0.033	0.1			
2020/21-4	Lab	LCS dup, rec	5/5/2021	Organic	Acenaphthylene	n/a	=	92	%	EPA 8270C	-88	-88	4	135	
2020/21-4	Lab	LCS, RPD	5/5/2021	Organic	Acenaphthylene	n/a	=	9	%	EPA 8270C	-88	-88	0	30	
2020/21-4	Lab	LCS	5/18/2021	Organic	Acenaphthylene	n/a	=	9.28	µg/L	EPA 625.1	0.17	1			
2020/21-4	Lab	LCS, rec	5/18/2021	Organic	Acenaphthylene	n/a	=	93	%	EPA 625.1	-88	-88	54	126	
2020/21-4	Lab	LCS dup	5/18/2021	Organic	Acenaphthylene	n/a	=	8.17	µg/L	EPA 625.1	0.17	1			
2020/21-4	Lab	LCS dup, rec	5/18/2021	Organic	Acenaphthylene	n/a	=	82	%	EPA 625.1	-88	-88	54	126	
2020/21-4	Lab	LCS, RPD	5/18/2021	Organic	Acenaphthylene	n/a	=	13	%	EPA 625.1	-88	-88	0	30	
2020/21-4	Lab	method blank	5/18/2021	Organic	Acenaphthylene	n/a	<	0.17	µg/L	EPA 625.1	0.17	1			
2020/21-4	Lab	LCS	5/25/2021	Organic	Acenaphthylene	n/a	=	6.22	µg/L	EPA 625.1	0.17	1			
2020/21-4	Lab	LCS, rec	5/25/2021	Organic	Acenaphthylene	n/a	=	62	%	EPA 625.1	-88	-88	54	126	
2020/21-4	Lab	LCS dup	5/25/2021	Organic	Acenaphthylene	n/a	=	6.62	µg/L	EPA 625.1	0.17	1			
2020/21-4	Lab	LCS dup, rec	5/25/2021	Organic	Acenaphthylene	n/a	=	66	%	EPA 625.1	-88	-88	54	126	
2020/21-4	Lab	LCS, RPD	5/25/2021	Organic	Acenaphthylene	n/a	=	6	%	EPA 625.1	-88	-88	0	30	
2020/21-4	Lab	method blank	5/25/2021	Organic	Acenaphthylene	n/a	<	0.17	µg/L	EPA 625.1	0.17	1			
2020/21-4	Lab	LCS	5/26/2021	Organic	Acenaphthylene	n/a	=	8.49	µg/L	EPA 625.1	0.17	1			
2020/21-4	Lab	LCS, rec	5/26/2021	Organic	Acenaphthylene	n/a	=	85	%	EPA 625.1	-88	-88	54	126	
2020/21-4	Lab	LCS dup	5/26/2021	Organic	Acenaphthylene	n/a	=	6.2	µg/L	EPA 625.1	0.17	1			IL
2020/21-4	Lab	LCS dup, rec	5/26/2021	Organic	Acenaphthylene	n/a	=	62	%	EPA 625.1	-88	-88	54	126	IL
2020/21-4	Lab	LCS, RPD	5/26/2021	Organic	Acenaphthylene	n/a	=	31	%	EPA 625.1	-88	-88	0	30	IL
2020/21-4	Lab	method blank	5/27/2021	Organic	Acenaphthylene	n/a	<	0.17	µg/L	EPA 625.1	0.17	1			
2020/21-4	Lab	LCS	5/27/2021	Organic	Acenaphthylene	n/a	=	7.82	µg/L	EPA 625.1	0.17	1			
2020/21-4	Lab	LCS, rec	5/27/2021	Organic	Acenaphthylene	n/a	=	78	%	EPA 625.1	-88	-88	54	126	
2020/21-4	Lab	LCS dup	5/27/2021	Organic	Acenaphthylene	n/a	=	8.11	µg/L	EPA 625.1	0.17	1			
2020/21-4	Lab	LCS dup, rec	5/27/2021	Organic	Acenaphthylene	n/a	=	81	%	EPA 625.1	-88	-88	54	126	
2020/21-4	Lab	LCS, RPD	5/27/2021	Organic	Acenaphthylene	n/a	=	4	%	EPA 625.1	-88	-88	0	30	
2020/21-4	Lab	method blank	5/27/2021	Organic	Acenaphthylene	n/a	<	0.17	µg/L	EPA 625.1	0.17	1			
2020/21-4	Lab	LCS	6/1/2021	Organic	Acenaphthylene	n/a	=	7.05	µg/L	EPA 625.1	0.17	1			
2020/21-4	Lab	LCS, rec	6/1/2021	Organic	Acenaphthylene	n/a	=	70	%	EPA 625.1	-88	-88	54	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	
2020/21-4	Lab	LCS dup	6/1/2021	Organic	Acenaphthylene	n/a	=	8.21	µg/L	EPA 625.1	0.17	1			
2020/21-4	Lab	LCS dup, rec	6/1/2021	Organic	Acenaphthylene	n/a	=	82	%	EPA 625.1	-88	-88	54	126	
2020/21-4	Lab	LCS, RPD	6/1/2021	Organic	Acenaphthylene	n/a	=	15	%	EPA 625.1	-88	-88	0	30	
2020/21-4	Lab	method blank	6/2/2021	Organic	Acenaphthylene	n/a	<	0.17	µg/L	EPA 625.1	0.17	1			
2020/21-4	Lab	method blank	6/3/2021	Organic	Acenaphthylene	n/a	<	0.033	µg/L	EPA 8270C	0.033	0.1			
2020/21-4	Lab	LCS	6/3/2021	Organic	Acenaphthylene	n/a	=	9.29	µg/L	EPA 8270C	0.033	0.1			
2020/21-4	Lab	LCS, rec	6/3/2021	Organic	Acenaphthylene	n/a	=	93	%	EPA 8270C	-88	-88	4	135	
2020/21-4	Lab	LCS dup	6/3/2021	Organic	Acenaphthylene	n/a	=	9.77	µg/L	EPA 8270C	0.033	0.1			
2020/21-4	Lab	LCS dup, rec	6/3/2021	Organic	Acenaphthylene	n/a	=	98	%	EPA 8270C	-88	-88	4	135	
2020/21-4	Lab	LCS, RPD	6/3/2021	Organic	Acenaphthylene	n/a	=	5	%	EPA 8270C	-88	-88	0	30	
2020/21-4	Lab	method blank	6/17/2021	Organic	Acenaphthylene	n/a	<	0.033	µg/L	EPA 8270C	0.033	0.1			
2020/21-4	Lab	LCS	6/17/2021	Organic	Acenaphthylene	n/a	=	6.62	µg/L	EPA 8270C	0.033	0.1			
2020/21-4	Lab	LCS, rec	6/17/2021	Organic	Acenaphthylene	n/a	=	66	%	EPA 8270C	-88	-88	4	135	
2020/21-4	Lab	LCS dup	6/18/2021	Organic	Acenaphthylene	n/a	=	7.27	µg/L	EPA 8270C	0.033	0.1			
2020/21-4	Lab	LCS dup, rec	6/18/2021	Organic	Acenaphthylene	n/a	=	73	%	EPA 8270C	-88	-88	4	135	
2020/21-4	Lab	LCS, RPD	6/18/2021	Organic	Acenaphthylene	n/a	=	9	%	EPA 8270C	-88	-88	0	30	
2020/21-4	Lab	method blank	5/5/2021	Organic	Anthracene	n/a	<	0.025	µg/L	EPA 8270C	0.025	0.1			
2020/21-4	Lab	LCS	5/5/2021	Organic	Anthracene	n/a	=	10.7	µg/L	EPA 8270C	0.025	0.1			
2020/21-4	Lab	LCS, rec	5/5/2021	Organic	Anthracene	n/a	=	107	%	EPA 8270C	-88	-88	22	127	
2020/21-4	Lab	LCS dup	5/5/2021	Organic	Anthracene	n/a	=	9.32	µg/L	EPA 8270C	0.025	0.1			
2020/21-4	Lab	LCS dup, rec	5/5/2021	Organic	Anthracene	n/a	=	93	%	EPA 8270C	-88	-88	22	127	
2020/21-4	Lab	LCS, RPD	5/5/2021	Organic	Anthracene	n/a	=	14	%	EPA 8270C	-88	-88	0	30	
2020/21-4	Lab	method blank	5/5/2021	Organic	Anthracene	n/a	<	0.025	µg/L	EPA 8270C	0.025	0.1			
2020/21-4	Lab	LCS	5/5/2021	Organic	Anthracene	n/a	=	9.35	µg/L	EPA 8270C	0.025	0.1			
2020/21-4	Lab	LCS, rec	5/5/2021	Organic	Anthracene	n/a	=	94	%	EPA 8270C	-88	-88	22	127	
2020/21-4	Lab	LCS dup	5/5/2021	Organic	Anthracene	n/a	=	10	µg/L	EPA 8270C	0.025	0.1			
2020/21-4	Lab	LCS dup, rec	5/5/2021	Organic	Anthracene	n/a	=	100	%	EPA 8270C	-88	-88	22	127	
2020/21-4	Lab	LCS, RPD	5/5/2021	Organic	Anthracene	n/a	=	7	%	EPA 8270C	-88	-88	0	30	
2020/21-4	Lab	LCS	5/18/2021	Organic	Anthracene	n/a	=	9.34	µg/L	EPA 625.1	0.12	1			
2020/21-4	Lab	LCS, rec	5/18/2021	Organic	Anthracene	n/a	=	93	%	EPA 625.1	-88	-88	43	120	
2020/21-4	Lab	LCS dup	5/18/2021	Organic	Anthracene	n/a	=	8.74	µg/L	EPA 625.1	0.12	1			
2020/21-4	Lab	LCS dup, rec	5/18/2021	Organic	Anthracene	n/a	=	87	%	EPA 625.1	-88	-88	43	120	
2020/21-4	Lab	LCS, RPD	5/18/2021	Organic	Anthracene	n/a	=	7	%	EPA 625.1	-88	-88	0	30	
2020/21-4	Lab	method blank	5/18/2021	Organic	Anthracene	n/a	<	0.12	µg/L	EPA 625.1	0.12	1			
2020/21-4	Lab	LCS	5/25/2021	Organic	Anthracene	n/a	=	7.35	µg/L	EPA 625.1	0.12	1			
2020/21-4	Lab	LCS, rec	5/25/2021	Organic	Anthracene	n/a	=	74	%	EPA 625.1	-88	-88	43	120	
2020/21-4	Lab	LCS dup	5/25/2021	Organic	Anthracene	n/a	=	8.12	µg/L	EPA 625.1	0.12	1			
2020/21-4	Lab	LCS dup, rec	5/25/2021	Organic	Anthracene	n/a	=	81	%	EPA 625.1	-88	-88	43	120	
2020/21-4	Lab	LCS, RPD	5/25/2021	Organic	Anthracene	n/a	=	10	%	EPA 625.1	-88	-88	0	30	
2020/21-4	Lab	method blank	5/25/2021	Organic	Anthracene	n/a	<	0.12	µg/L	EPA 625.1	0.12	1			
2020/21-4	Lab	LCS	5/26/2021	Organic	Anthracene	n/a	=	9.56	µg/L	EPA 625.1	0.12	1			
2020/21-4	Lab	LCS, rec	5/26/2021	Organic	Anthracene	n/a	=	96	%	EPA 625.1	-88	-88	43	120	
2020/21-4	Lab	LCS dup	5/26/2021	Organic	Anthracene	n/a	=	8.19	µg/L	EPA 625.1	0.12	1			
2020/21-4	Lab	LCS dup, rec	5/26/2021	Organic	Anthracene	n/a	=	82	%	EPA 625.1	-88	-88	43	120	
2020/21-4	Lab	LCS, RPD	5/26/2021	Organic	Anthracene	n/a	=	15	%	EPA 625.1	-88	-88	0	30	
2020/21-4	Lab	method blank	5/27/2021	Organic	Anthracene	n/a	<	0.12	µg/L	EPA 625.1	0.12	1			
2020/21-4	Lab	LCS	5/27/2021	Organic	Anthracene	n/a	=	8.51	µg/L	EPA 625.1	0.12	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	
2020/21-4	Lab	LCS, rec	5/27/2021	Organic	Anthracene	n/a	=	85	%	EPA 625.1	-88	-88	43	120	
2020/21-4	Lab	LCS dup	5/27/2021	Organic	Anthracene	n/a	=	8.87	µg/L	EPA 625.1	0.12	1			
2020/21-4	Lab	LCS dup, rec	5/27/2021	Organic	Anthracene	n/a	=	89	%	EPA 625.1	-88	-88	43	120	
2020/21-4	Lab	LCS, RPD	5/27/2021	Organic	Anthracene	n/a	=	4	%	EPA 625.1	-88	-88	0	30	
2020/21-4	Lab	method blank	5/27/2021	Organic	Anthracene	n/a	<	0.12	µg/L	EPA 625.1	0.12	1			
2020/21-4	Lab	LCS	6/1/2021	Organic	Anthracene	n/a	=	7.68	µg/L	EPA 625.1	0.12	1			
2020/21-4	Lab	LCS, rec	6/1/2021	Organic	Anthracene	n/a	=	77	%	EPA 625.1	-88	-88	43	120	
2020/21-4	Lab	LCS dup	6/1/2021	Organic	Anthracene	n/a	=	8.54	µg/L	EPA 625.1	0.12	1			
2020/21-4	Lab	LCS dup, rec	6/1/2021	Organic	Anthracene	n/a	=	85	%	EPA 625.1	-88	-88	43	120	
2020/21-4	Lab	LCS, RPD	6/1/2021	Organic	Anthracene	n/a	=	11	%	EPA 625.1	-88	-88	0	30	
2020/21-4	Lab	method blank	6/2/2021	Organic	Anthracene	n/a	<	0.12	µg/L	EPA 625.1	0.12	1			
2020/21-4	Lab	method blank	6/3/2021	Organic	Anthracene	n/a	<	0.025	µg/L	EPA 8270C	0.025	0.1			
2020/21-4	Lab	LCS	6/3/2021	Organic	Anthracene	n/a	=	9.58	µg/L	EPA 8270C	0.025	0.1			
2020/21-4	Lab	LCS, rec	6/3/2021	Organic	Anthracene	n/a	=	96	%	EPA 8270C	-88	-88	22	127	
2020/21-4	Lab	LCS dup	6/3/2021	Organic	Anthracene	n/a	=	10.1	µg/L	EPA 8270C	0.025	0.1			
2020/21-4	Lab	LCS dup, rec	6/3/2021	Organic	Anthracene	n/a	=	101	%	EPA 8270C	-88	-88	22	127	
2020/21-4	Lab	LCS, RPD	6/3/2021	Organic	Anthracene	n/a	=	5	%	EPA 8270C	-88	-88	0	30	
2020/21-4	Lab	method blank	6/17/2021	Organic	Anthracene	n/a	<	0.025	µg/L	EPA 8270C	0.025	0.1			
2020/21-4	Lab	LCS	6/17/2021	Organic	Anthracene	n/a	=	6.83	µg/L	EPA 8270C	0.025	0.1			
2020/21-4	Lab	LCS, rec	6/17/2021	Organic	Anthracene	n/a	=	68	%	EPA 8270C	-88	-88	22	127	
2020/21-4	Lab	LCS dup	6/18/2021	Organic	Anthracene	n/a	=	7.76	µg/L	EPA 8270C	0.025	0.1			
2020/21-4	Lab	LCS dup, rec	6/18/2021	Organic	Anthracene	n/a	=	78	%	EPA 8270C	-88	-88	22	127	
2020/21-4	Lab	LCS, RPD	6/18/2021	Organic	Anthracene	n/a	=	13	%	EPA 8270C	-88	-88	0	30	
2020/21-4	Lab	method blank	5/5/2021	Organic	Benz(a)anthracene	n/a	<	0.051	µg/L	EPA 8270C	0.051	0.1			
2020/21-4	Lab	LCS	5/5/2021	Organic	Benz(a)anthracene	n/a	=	11.7	µg/L	EPA 8270C	0.051	0.1			
2020/21-4	Lab	LCS, rec	5/5/2021	Organic	Benz(a)anthracene	n/a	=	117	%	EPA 8270C	-88	-88	17	131	
2020/21-4	Lab	LCS dup	5/5/2021	Organic	Benz(a)anthracene	n/a	=	11	µg/L	EPA 8270C	0.051	0.1			
2020/21-4	Lab	LCS dup, rec	5/5/2021	Organic	Benz(a)anthracene	n/a	=	110	%	EPA 8270C	-88	-88	17	131	
2020/21-4	Lab	LCS, RPD	5/5/2021	Organic	Benz(a)anthracene	n/a	=	6	%	EPA 8270C	-88	-88	0	30	
2020/21-4	Lab	method blank	5/5/2021	Organic	Benz(a)anthracene	n/a	<	0.051	µg/L	EPA 8270C	0.051	0.1			
2020/21-4	Lab	LCS	5/5/2021	Organic	Benz(a)anthracene	n/a	=	10.5	µg/L	EPA 8270C	0.051	0.1			
2020/21-4	Lab	LCS, rec	5/5/2021	Organic	Benz(a)anthracene	n/a	=	105	%	EPA 8270C	-88	-88	17	131	
2020/21-4	Lab	LCS dup	5/5/2021	Organic	Benz(a)anthracene	n/a	=	10.2	µg/L	EPA 8270C	0.051	0.1			
2020/21-4	Lab	LCS dup, rec	5/5/2021	Organic	Benz(a)anthracene	n/a	=	102	%	EPA 8270C	-88	-88	17	131	
2020/21-4	Lab	LCS, RPD	5/5/2021	Organic	Benz(a)anthracene	n/a	=	3	%	EPA 8270C	-88	-88	0	30	
2020/21-4	Lab	LCS	5/18/2021	Organic	Benz(a)anthracene	n/a	=	8.8	µg/L	EPA 625.1	0.19	1			
2020/21-4	Lab	LCS, rec	5/18/2021	Organic	Benz(a)anthracene	n/a	=	88	%	EPA 625.1	-88	-88	42	133	
2020/21-4	Lab	LCS dup	5/18/2021	Organic	Benz(a)anthracene	n/a	=	9.13	µg/L	EPA 625.1	0.19	1			
2020/21-4	Lab	LCS dup, rec	5/18/2021	Organic	Benz(a)anthracene	n/a	=	91	%	EPA 625.1	-88	-88	42	133	
2020/21-4	Lab	LCS, RPD	5/18/2021	Organic	Benz(a)anthracene	n/a	=	4	%	EPA 625.1	-88	-88	0	30	
2020/21-4	Lab	method blank	5/18/2021	Organic	Benz(a)anthracene	n/a	<	0.19	µg/L	EPA 625.1	0.19	1			
2020/21-4	Lab	LCS	5/25/2021	Organic	Benz(a)anthracene	n/a	=	8.34	µg/L	EPA 625.1	0.19	1			
2020/21-4	Lab	LCS, rec	5/25/2021	Organic	Benz(a)anthracene	n/a	=	83	%	EPA 625.1	-88	-88	42	133	
2020/21-4	Lab	LCS dup	5/25/2021	Organic	Benz(a)anthracene	n/a	=	8.54	µg/L	EPA 625.1	0.19	1			
2020/21-4	Lab	LCS dup, rec	5/25/2021	Organic	Benz(a)anthracene	n/a	=	85	%	EPA 625.1	-88	-88	42	133	
2020/21-4	Lab	LCS, RPD	5/25/2021	Organic	Benz(a)anthracene	n/a	=	2	%	EPA 625.1	-88	-88	0	30	
2020/21-4	Lab	method blank	5/25/2021	Organic	Benz(a)anthracene	n/a	<	0.19	µg/L	EPA 625.1	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	
2020/21-4	Lab	LCS	5/26/2021	Organic	Benz(a)anthracene	n/a	=	10.9	µg/L	EPA 625.1	0.19	1			
2020/21-4	Lab	LCS, rec	5/26/2021	Organic	Benz(a)anthracene	n/a	=	109	%	EPA 625.1	-88	-88	42	133	
2020/21-4	Lab	LCS dup	5/26/2021	Organic	Benz(a)anthracene	n/a	=	10.2	µg/L	EPA 625.1	0.19	1			
2020/21-4	Lab	LCS dup, rec	5/26/2021	Organic	Benz(a)anthracene	n/a	=	102	%	EPA 625.1	-88	-88	42	133	
2020/21-4	Lab	LCS, RPD	5/26/2021	Organic	Benz(a)anthracene	n/a	=	7	%	EPA 625.1	-88	-88	0	30	
2020/21-4	Lab	method blank	5/27/2021	Organic	Benz(a)anthracene	n/a	<	0.19	µg/L	EPA 625.1	0.19	1			
2020/21-4	Lab	LCS	5/27/2021	Organic	Benz(a)anthracene	n/a	=	11	µg/L	EPA 625.1	0.19	1			
2020/21-4	Lab	LCS, rec	5/27/2021	Organic	Benz(a)anthracene	n/a	=	110	%	EPA 625.1	-88	-88	42	133	
2020/21-4	Lab	LCS dup	5/27/2021	Organic	Benz(a)anthracene	n/a	=	10.9	µg/L	EPA 625.1	0.19	1			
2020/21-4	Lab	LCS dup, rec	5/27/2021	Organic	Benz(a)anthracene	n/a	=	109	%	EPA 625.1	-88	-88	42	133	
2020/21-4	Lab	LCS, RPD	5/27/2021	Organic	Benz(a)anthracene	n/a	=	1	%	EPA 625.1	-88	-88	0	30	
2020/21-4	Lab	method blank	5/27/2021	Organic	Benz(a)anthracene	n/a	<	0.19	µg/L	EPA 625.1	0.19	1			
2020/21-4	Lab	LCS	6/1/2021	Organic	Benz(a)anthracene	n/a	=	10.5	µg/L	EPA 625.1	0.19	1			
2020/21-4	Lab	LCS, rec	6/1/2021	Organic	Benz(a)anthracene	n/a	=	105	%	EPA 625.1	-88	-88	42	133	
2020/21-4	Lab	LCS dup	6/1/2021	Organic	Benz(a)anthracene	n/a	=	11.6	µg/L	EPA 625.1	0.19	1			
2020/21-4	Lab	LCS dup, rec	6/1/2021	Organic	Benz(a)anthracene	n/a	=	116	%	EPA 625.1	-88	-88	42	133	
2020/21-4	Lab	LCS, RPD	6/1/2021	Organic	Benz(a)anthracene	n/a	=	10	%	EPA 625.1	-88	-88	0	30	
2020/21-4	Lab	method blank	6/2/2021	Organic	Benz(a)anthracene	n/a	<	0.19	µg/L	EPA 625.1	0.19	1			
2020/21-4	Lab	method blank	6/3/2021	Organic	Benz(a)anthracene	n/a	<	0.051	µg/L	EPA 8270C	0.051	0.1			
2020/21-4	Lab	LCS	6/3/2021	Organic	Benz(a)anthracene	n/a	<	11.8	µg/L	EPA 8270C	0.051	0.1			
2020/21-4	Lab	LCS, rec	6/3/2021	Organic	Benz(a)anthracene	n/a	=	118	%	EPA 8270C	-88	-88	17	131	
2020/21-4	Lab	LCS dup	6/3/2021	Organic	Benz(a)anthracene	n/a	=	10.7	µg/L	EPA 8270C	0.051	0.1			
2020/21-4	Lab	LCS dup, rec	6/3/2021	Organic	Benz(a)anthracene	n/a	=	107	%	EPA 8270C	-88	-88	17	131	
2020/21-4	Lab	LCS, RPD	6/3/2021	Organic	Benz(a)anthracene	n/a	=	10	%	EPA 8270C	-88	-88	0	30	
2020/21-4	Lab	method blank	6/17/2021	Organic	Benz(a)anthracene	n/a	<	0.051	µg/L	EPA 8270C	0.051	0.1			
2020/21-4	Lab	LCS	6/17/2021	Organic	Benz(a)anthracene	n/a	=	7.17	µg/L	EPA 8270C	0.051	0.1			
2020/21-4	Lab	LCS, rec	6/17/2021	Organic	Benz(a)anthracene	n/a	=	72	%	EPA 8270C	-88	-88	17	131	
2020/21-4	Lab	LCS dup	6/18/2021	Organic	Benz(a)anthracene	n/a	=	7.65	µg/L	EPA 8270C	0.051	0.1			
2020/21-4	Lab	LCS dup, rec	6/18/2021	Organic	Benz(a)anthracene	n/a	=	76	%	EPA 8270C	-88	-88	17	131	
2020/21-4	Lab	LCS, RPD	6/18/2021	Organic	Benz(a)anthracene	n/a	=	6	%	EPA 8270C	-88	-88	0	30	
2020/21-4	Lab	method blank	5/18/2021	Organic	Ben-zidine	n/a	<	1.4	µg/L	EPA 625.1	1.4	10			
2020/21-4	Lab	method blank	5/25/2021	Organic	Ben-zidine	n/a	<	1.4	µg/L	EPA 625.1	1.4	10			
2020/21-4	Lab	method blank	5/27/2021	Organic	Ben-zidine	n/a	<	1.4	µg/L	EPA 625.1	1.4	10			
2020/21-4	Lab	method blank	5/27/2021	Organic	Ben-zidine	n/a	<	1.4	µg/L	EPA 625.1	1.4	10			
2020/21-4	Lab	method blank	6/2/2021	Organic	Ben-zidine	n/a	<	1.4	µg/L	EPA 625.1	1.4	10			
2020/21-4	Lab	method blank	5/5/2021	Organic	Ben-zo(a)pyrene	n/a	<	0.051	µg/L	EPA 8270C	0.051	0.1			
2020/21-4	Lab	LCS	5/5/2021	Organic	Ben-zo(a)pyrene	n/a	=	11.2	µg/L	EPA 8270C	0.051	0.1			
2020/21-4	Lab	LCS, rec	5/5/2021	Organic	Ben-zo(a)pyrene	n/a	=	112	%	EPA 8270C	-88	-88	12	131	
2020/21-4	Lab	LCS dup	5/5/2021	Organic	Ben-zo(a)pyrene	n/a	=	10.9	µg/L	EPA 8270C	0.051	0.1			
2020/21-4	Lab	LCS dup, rec	5/5/2021	Organic	Ben-zo(a)pyrene	n/a	=	109	%	EPA 8270C	-88	-88	12	131	
2020/21-4	Lab	LCS, RPD	5/5/2021	Organic	Ben-zo(a)pyrene	n/a	=	3	%	EPA 8270C	-88	-88	0	30	
2020/21-4	Lab	method blank	5/5/2021	Organic	Ben-zo(a)pyrene	n/a	<	0.051	µg/L	EPA 8270C	0.051	0.1			
2020/21-4	Lab	LCS	5/5/2021	Organic	Ben-zo(a)pyrene	n/a	=	10.7	µg/L	EPA 8270C	0.051	0.1			
2020/21-4	Lab	LCS, rec	5/5/2021	Organic	Ben-zo(a)pyrene	n/a	=	107	%	EPA 8270C	-88	-88	12	131	
2020/21-4	Lab	LCS dup	5/5/2021	Organic	Ben-zo(a)pyrene	n/a	=	10.7	µg/L	EPA 8270C	0.051	0.1			
2020/21-4	Lab	LCS dup, rec	5/5/2021	Organic	Ben-zo(a)pyrene	n/a	=	107	%	EPA 8270C	-88	-88	12	131	
2020/21-4	Lab	LCS, RPD	5/5/2021	Organic	Ben-zo(a)pyrene	n/a	=	0.2	%	EPA 8270C	-88	-88	0	30	

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Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2020/21-4	Lab	method blank	5/11/2021	Organic	Benzo(a)pyrene	n/a	=	0.251	µg/L	EPA 525.2	0.02	0.1			IP
2020/21-4	Lab	LCS	5/11/2021	Organic	Benzo(a)pyrene	n/a	=	5.51	µg/L	EPA 525.2	0.02	0.1			
2020/21-4	Lab	LCS, rec	5/11/2021	Organic	Benzo(a)pyrene	n/a	=	110	%	EPA 525.2	-88	-88	60	130	
2020/21-4	Lab	LCS dup	5/11/2021	Organic	Benzo(a)pyrene	n/a	=	6.21	µg/L	EPA 525.2	0.02	0.1			
2020/21-4	Lab	LCS dup, rec	5/11/2021	Organic	Benzo(a)pyrene	n/a	=	124	%	EPA 525.2	-88	-88	60	130	
2020/21-4	Lab	LCS, RPD	5/11/2021	Organic	Benzo(a)pyrene	n/a	=	12	%	EPA 525.2	-88	-88	0	30	
2020/21-4	Lab	method blank	5/13/2021	Organic	Benzo(a)pyrene	n/a	<	0.02	µg/L	EPA 525.2	0.02	0.1			
2020/21-4	Lab	LCS	5/13/2021	Organic	Benzo(a)pyrene	n/a	=	5.58	µg/L	EPA 525.2	0.02	0.1			
2020/21-4	Lab	LCS, rec	5/13/2021	Organic	Benzo(a)pyrene	n/a	=	112	%	EPA 525.2	-88	-88	60	130	
2020/21-4	Lab	LCS dup	5/13/2021	Organic	Benzo(a)pyrene	n/a	=	5.93	µg/L	EPA 525.2	0.02	0.1			
2020/21-4	Lab	LCS dup, rec	5/13/2021	Organic	Benzo(a)pyrene	n/a	=	119	%	EPA 525.2	-88	-88	60	130	
2020/21-4	Lab	LCS, RPD	5/13/2021	Organic	Benzo(a)pyrene	n/a	=	6	%	EPA 525.2	-88	-88	0	30	
2020/21-4	Lab	LCS	5/18/2021	Organic	Benzo(a)pyrene	n/a	=	11	µg/L	EPA 625.1	0.39	1			
2020/21-4	Lab	LCS, rec	5/18/2021	Organic	Benzo(a)pyrene	n/a	=	110	%	EPA 625.1	-88	-88	32	148	
2020/21-4	Lab	LCS dup	5/18/2021	Organic	Benzo(a)pyrene	n/a	=	11.5	µg/L	EPA 625.1	0.39	1			
2020/21-4	Lab	LCS dup, rec	5/18/2021	Organic	Benzo(a)pyrene	n/a	=	115	%	EPA 625.1	-88	-88	32	148	
2020/21-4	Lab	LCS, RPD	5/18/2021	Organic	Benzo(a)pyrene	n/a	=	5	%	EPA 625.1	-88	-88	0	30	
2020/21-4	Lab	method blank	5/18/2021	Organic	Benzo(a)pyrene	n/a	<	0.39	µg/L	EPA 625.1	0.39	1			
2020/21-4	Lab	LCS	5/25/2021	Organic	Benzo(a)pyrene	n/a	=	9.39	µg/L	EPA 625.1	0.39	1			
2020/21-4	Lab	LCS, rec	5/25/2021	Organic	Benzo(a)pyrene	n/a	=	94	%	EPA 625.1	-88	-88	32	148	
2020/21-4	Lab	LCS dup	5/25/2021	Organic	Benzo(a)pyrene	n/a	=	9.52	µg/L	EPA 625.1	0.39	1			
2020/21-4	Lab	LCS dup, rec	5/25/2021	Organic	Benzo(a)pyrene	n/a	=	95	%	EPA 625.1	-88	-88	32	148	
2020/21-4	Lab	LCS, RPD	5/25/2021	Organic	Benzo(a)pyrene	n/a	=	1	%	EPA 625.1	-88	-88	0	30	
2020/21-4	Lab	method blank	5/25/2021	Organic	Benzo(a)pyrene	n/a	<	0.39	µg/L	EPA 625.1	0.39	1			
2020/21-4	Lab	LCS	5/26/2021	Organic	Benzo(a)pyrene	n/a	=	11.6	µg/L	EPA 625.1	0.39	1			
2020/21-4	Lab	LCS, rec	5/26/2021	Organic	Benzo(a)pyrene	n/a	=	116	%	EPA 625.1	-88	-88	32	148	
2020/21-4	Lab	LCS dup	5/26/2021	Organic	Benzo(a)pyrene	n/a	=	11.4	µg/L	EPA 625.1	0.39	1			
2020/21-4	Lab	LCS dup, rec	5/26/2021	Organic	Benzo(a)pyrene	n/a	=	114	%	EPA 625.1	-88	-88	32	148	
2020/21-4	Lab	LCS, RPD	5/26/2021	Organic	Benzo(a)pyrene	n/a	=	2	%	EPA 625.1	-88	-88	0	30	
2020/21-4	Lab	method blank	5/27/2021	Organic	Benzo(a)pyrene	n/a	<	0.39	µg/L	EPA 625.1	0.39	1			
2020/21-4	Lab	LCS	5/27/2021	Organic	Benzo(a)pyrene	n/a	=	11.4	µg/L	EPA 625.1	0.39	1			
2020/21-4	Lab	LCS, rec	5/27/2021	Organic	Benzo(a)pyrene	n/a	=	114	%	EPA 625.1	-88	-88	32	148	
2020/21-4	Lab	LCS dup	5/27/2021	Organic	Benzo(a)pyrene	n/a	=	11.8	µg/L	EPA 625.1	0.39	1			
2020/21-4	Lab	LCS dup, rec	5/27/2021	Organic	Benzo(a)pyrene	n/a	=	118	%	EPA 625.1	-88	-88	32	148	
2020/21-4	Lab	LCS, RPD	5/27/2021	Organic	Benzo(a)pyrene	n/a	=	3	%	EPA 625.1	-88	-88	0	30	
2020/21-4	Lab	method blank	5/27/2021	Organic	Benzo(a)pyrene	n/a	<	0.39	µg/L	EPA 625.1	0.39	1			
2020/21-4	Lab	LCS	6/1/2021	Organic	Benzo(a)pyrene	n/a	=	10.4	µg/L	EPA 625.1	0.39	1			
2020/21-4	Lab	LCS, rec	6/1/2021	Organic	Benzo(a)pyrene	n/a	=	104	%	EPA 625.1	-88	-88	32	148	
2020/21-4	Lab	LCS dup	6/1/2021	Organic	Benzo(a)pyrene	n/a	=	12.7	µg/L	EPA 625.1	0.39	1			
2020/21-4	Lab	LCS dup, rec	6/1/2021	Organic	Benzo(a)pyrene	n/a	=	127	%	EPA 625.1	-88	-88	32	148	
2020/21-4	Lab	LCS, RPD	6/1/2021	Organic	Benzo(a)pyrene	n/a	=	20	%	EPA 625.1	-88	-88	0	30	
2020/21-4	Lab	method blank	6/2/2021	Organic	Benzo(a)pyrene	n/a	<	0.39	µg/L	EPA 625.1	0.39	1			
2020/21-4	Lab	method blank	6/3/2021	Organic	Benzo(a)pyrene	n/a	<	0.051	µg/L	EPA 8270C	0.051	0.1			
2020/21-4	Lab	LCS	6/3/2021	Organic	Benzo(a)pyrene	n/a	=	9.34	µg/L	EPA 8270C	0.051	0.1			
2020/21-4	Lab	LCS, rec	6/3/2021	Organic	Benzo(a)pyrene	n/a	=	93	%	EPA 8270C	-88	-88	12	131	
2020/21-4	Lab	LCS dup	6/3/2021	Organic	Benzo(a)pyrene	n/a	=	9.55	µg/L	EPA 8270C	0.051	0.1			
2020/21-4	Lab	LCS dup, rec	6/3/2021	Organic	Benzo(a)pyrene	n/a	=	96	%	EPA 8270C	-88	-88	12	131	

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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	
2020/21-4	Lab	LCS, RPD	6/3/2021	Organic	Benzo(a)pyrene	n/a	=	2	%	EPA 8270C	-88	-88	0	30	
2020/21-4	Lab	method blank	6/3/2021	Organic	Benzo(a)pyrene	n/a	<	0.02	µg/L	EPA 525.2	0.02	0.1			
2020/21-4	Lab	LCS	6/3/2021	Organic	Benzo(a)pyrene	n/a	=	5.4	µg/L	EPA 525.2	0.02	0.1			
2020/21-4	Lab	LCS, rec	6/3/2021	Organic	Benzo(a)pyrene	n/a	=	108	%	EPA 525.2	-88	-88	60	130	
2020/21-4	Lab	LCS dup	6/3/2021	Organic	Benzo(a)pyrene	n/a	=	5.41	µg/L	EPA 525.2	0.02	0.1			
2020/21-4	Lab	LCS dup, rec	6/3/2021	Organic	Benzo(a)pyrene	n/a	=	108	%	EPA 525.2	-88	-88	60	130	
2020/21-4	Lab	LCS, RPD	6/3/2021	Organic	Benzo(a)pyrene	n/a	=	0.3	%	EPA 525.2	-88	-88	0	30	
2020/21-4	Lab	method blank	6/3/2021	Organic	Benzo(a)pyrene	n/a	<	0.02	µg/L	EPA 525.2	0.02	0.1			
2020/21-4	Lab	LCS	6/3/2021	Organic	Benzo(a)pyrene	n/a	=	5.47	µg/L	EPA 525.2	0.02	0.1			
2020/21-4	Lab	LCS, rec	6/3/2021	Organic	Benzo(a)pyrene	n/a	=	109	%	EPA 525.2	-88	-88	60	130	
2020/21-4	Lab	LCS dup	6/4/2021	Organic	Benzo(a)pyrene	n/a	=	5.63	µg/L	EPA 525.2	0.02	0.1			
2020/21-4	Lab	LCS dup, rec	6/4/2021	Organic	Benzo(a)pyrene	n/a	=	113	%	EPA 525.2	-88	-88	60	130	
2020/21-4	Lab	LCS, RPD	6/4/2021	Organic	Benzo(a)pyrene	n/a	=	3	%	EPA 525.2	-88	-88	0	30	
2020/21-4	Lab	method blank	6/4/2021	Organic	Benzo(a)pyrene	n/a	<	0.02	µg/L	EPA 525.2	0.02	0.1			
2020/21-4	Lab	LCS	6/4/2021	Organic	Benzo(a)pyrene	n/a	=	5.34	µg/L	EPA 525.2	0.02	0.1			
2020/21-4	Lab	LCS, rec	6/4/2021	Organic	Benzo(a)pyrene	n/a	=	107	%	EPA 525.2	-88	-88	60	130	
2020/21-4	Lab	LCS dup	6/4/2021	Organic	Benzo(a)pyrene	n/a	=	5.46	µg/L	EPA 525.2	0.02	0.1			
2020/21-4	Lab	LCS dup, rec	6/4/2021	Organic	Benzo(a)pyrene	n/a	=	109	%	EPA 525.2	-88	-88	60	130	
2020/21-4	Lab	LCS, RPD	6/4/2021	Organic	Benzo(a)pyrene	n/a	=	2	%	EPA 525.2	-88	-88	0	30	
2020/21-4	Lab	method blank	6/17/2021	Organic	Benzo(a)pyrene	n/a	<	0.051	µg/L	EPA 8270C	0.051	0.1			
2020/21-4	Lab	LCS	6/17/2021	Organic	Benzo(a)pyrene	n/a	=	7.2	µg/L	EPA 8270C	0.051	0.1			
2020/21-4	Lab	LCS, rec	6/17/2021	Organic	Benzo(a)pyrene	n/a	=	72	%	EPA 8270C	-88	-88	12	131	
2020/21-4	Lab	LCS dup	6/18/2021	Organic	Benzo(a)pyrene	n/a	=	7.67	µg/L	EPA 8270C	0.051	0.1			
2020/21-4	Lab	LCS dup, rec	6/18/2021	Organic	Benzo(a)pyrene	n/a	=	77	%	EPA 8270C	-88	-88	12	131	
2020/21-4	Lab	LCS, RPD	6/18/2021	Organic	Benzo(a)pyrene	n/a	=	6	%	EPA 8270C	-88	-88	0	30	
2020/21-4	Lab	method blank	5/5/2021	Organic	Benzo(b)fluoranthene	n/a	<	0.027	µg/L	EPA 8270C	0.027	0.1			
2020/21-4	Lab	LCS	5/5/2021	Organic	Benzo(b)fluoranthene	n/a	=	11.8	µg/L	EPA 8270C	0.027	0.1			
2020/21-4	Lab	LCS, rec	5/5/2021	Organic	Benzo(b)fluoranthene	n/a	=	118	%	EPA 8270C	-88	-88	19	129	
2020/21-4	Lab	LCS dup	5/5/2021	Organic	Benzo(b)fluoranthene	n/a	=	10.9	µg/L	EPA 8270C	0.027	0.1			
2020/21-4	Lab	LCS dup, rec	5/5/2021	Organic	Benzo(b)fluoranthene	n/a	=	109	%	EPA 8270C	-88	-88	19	129	
2020/21-4	Lab	LCS, RPD	5/5/2021	Organic	Benzo(b)fluoranthene	n/a	=	8	%	EPA 8270C	-88	-88	0	30	
2020/21-4	Lab	method blank	5/5/2021	Organic	Benzo(b)fluoranthene	n/a	<	0.027	µg/L	EPA 8270C	0.027	0.1			
2020/21-4	Lab	LCS	5/5/2021	Organic	Benzo(b)fluoranthene	n/a	=	10.9	µg/L	EPA 8270C	0.027	0.1			
2020/21-4	Lab	LCS, rec	5/5/2021	Organic	Benzo(b)fluoranthene	n/a	=	109	%	EPA 8270C	-88	-88	19	129	
2020/21-4	Lab	LCS dup	5/5/2021	Organic	Benzo(b)fluoranthene	n/a	=	11.1	µg/L	EPA 8270C	0.027	0.1			
2020/21-4	Lab	LCS dup, rec	5/5/2021	Organic	Benzo(b)fluoranthene	n/a	=	111	%	EPA 8270C	-88	-88	19	129	
2020/21-4	Lab	LCS, RPD	5/5/2021	Organic	Benzo(b)fluoranthene	n/a	=	1	%	EPA 8270C	-88	-88	0	30	
2020/21-4	Lab	LCS	5/18/2021	Organic	Benzo(b)fluoranthene	n/a	=	10.5	µg/L	EPA 625.1	0.46	1			
2020/21-4	Lab	LCS, rec	5/18/2021	Organic	Benzo(b)fluoranthene	n/a	=	105	%	EPA 625.1	-88	-88	42	140	
2020/21-4	Lab	LCS dup	5/18/2021	Organic	Benzo(b)fluoranthene	n/a	=	10.8	µg/L	EPA 625.1	0.46	1			
2020/21-4	Lab	LCS dup, rec	5/18/2021	Organic	Benzo(b)fluoranthene	n/a	=	108	%	EPA 625.1	-88	-88	42	140	
2020/21-4	Lab	LCS, RPD	5/18/2021	Organic	Benzo(b)fluoranthene	n/a	=	3	%	EPA 625.1	-88	-88	0	30	
2020/21-4	Lab	method blank	5/18/2021	Organic	Benzo(b)fluoranthene	n/a	<	0.46	µg/L	EPA 625.1	0.46	1			
2020/21-4	Lab	LCS	5/25/2021	Organic	Benzo(b)fluoranthene	n/a	=	8.35	µg/L	EPA 625.1	0.46	1			
2020/21-4	Lab	LCS, rec	5/25/2021	Organic	Benzo(b)fluoranthene	n/a	=	84	%	EPA 625.1	-88	-88	42	140	
2020/21-4	Lab	LCS dup	5/25/2021	Organic	Benzo(b)fluoranthene	n/a	=	8.49	µg/L	EPA 625.1	0.46	1			
2020/21-4	Lab	LCS dup, rec	5/25/2021	Organic	Benzo(b)fluoranthene	n/a	=	85	%	EPA 625.1	-88	-88	42	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	
2020/21-4	Lab	LCS, RPD	5/25/2021	Organic	Benzo(b)fluoranthene	n/a	=	2	%	EPA 625.1	-88	-88	0	30	
2020/21-4	Lab	method blank	5/25/2021	Organic	Benzo(b)fluoranthene	n/a	<	0.46	µg/L	EPA 625.1	0.46	1			
2020/21-4	Lab	LCS	5/26/2021	Organic	Benzo(b)fluoranthene	n/a	=	10.9	µg/L	EPA 625.1	0.46	1			
2020/21-4	Lab	LCS, rec	5/26/2021	Organic	Benzo(b)fluoranthene	n/a	=	109	%	EPA 625.1	-88	-88	42	140	
2020/21-4	Lab	LCS dup	5/26/2021	Organic	Benzo(b)fluoranthene	n/a	=	10.4	µg/L	EPA 625.1	0.46	1			
2020/21-4	Lab	LCS dup, rec	5/26/2021	Organic	Benzo(b)fluoranthene	n/a	=	104	%	EPA 625.1	-88	-88	42	140	
2020/21-4	Lab	LCS, RPD	5/26/2021	Organic	Benzo(b)fluoranthene	n/a	=	5	%	EPA 625.1	-88	-88	0	30	
2020/21-4	Lab	method blank	5/27/2021	Organic	Benzo(b)fluoranthene	n/a	<	0.46	µg/L	EPA 625.1	0.46	1			
2020/21-4	Lab	LCS	5/27/2021	Organic	Benzo(b)fluoranthene	n/a	=	10.3	µg/L	EPA 625.1	0.46	1			
2020/21-4	Lab	LCS, rec	5/27/2021	Organic	Benzo(b)fluoranthene	n/a	=	103	%	EPA 625.1	-88	-88	42	140	
2020/21-4	Lab	LCS dup	5/27/2021	Organic	Benzo(b)fluoranthene	n/a	=	11.2	µg/L	EPA 625.1	0.46	1			
2020/21-4	Lab	LCS dup, rec	5/27/2021	Organic	Benzo(b)fluoranthene	n/a	=	112	%	EPA 625.1	-88	-88	42	140	
2020/21-4	Lab	LCS, RPD	5/27/2021	Organic	Benzo(b)fluoranthene	n/a	=	8	%	EPA 625.1	-88	-88	0	30	
2020/21-4	Lab	method blank	5/27/2021	Organic	Benzo(b)fluoranthene	n/a	<	0.46	µg/L	EPA 625.1	0.46	1			
2020/21-4	Lab	LCS	6/1/2021	Organic	Benzo(b)fluoranthene	n/a	=	9.26	µg/L	EPA 625.1	0.46	1			
2020/21-4	Lab	LCS, rec	6/1/2021	Organic	Benzo(b)fluoranthene	n/a	=	93	%	EPA 625.1	-88	-88	42	140	
2020/21-4	Lab	LCS dup	6/1/2021	Organic	Benzo(b)fluoranthene	n/a	=	11.2	µg/L	EPA 625.1	0.46	1			
2020/21-4	Lab	LCS dup, rec	6/1/2021	Organic	Benzo(b)fluoranthene	n/a	=	112	%	EPA 625.1	-88	-88	42	140	
2020/21-4	Lab	LCS, RPD	6/1/2021	Organic	Benzo(b)fluoranthene	n/a	=	19	%	EPA 625.1	-88	-88	0	30	
2020/21-4	Lab	method blank	6/2/2021	Organic	Benzo(b)fluoranthene	n/a	<	0.46	µg/L	EPA 625.1	0.46	1			
2020/21-4	Lab	method blank	6/3/2021	Organic	Benzo(b)fluoranthene	n/a	<	0.027	µg/L	EPA 8270C	0.027	0.1			
2020/21-4	Lab	LCS	6/3/2021	Organic	Benzo(b)fluoranthene	n/a	=	9.42	µg/L	EPA 8270C	0.027	0.1			
2020/21-4	Lab	LCS, rec	6/3/2021	Organic	Benzo(b)fluoranthene	n/a	=	94	%	EPA 8270C	-88	-88	19	129	
2020/21-4	Lab	LCS dup	6/3/2021	Organic	Benzo(b)fluoranthene	n/a	=	9.63	µg/L	EPA 8270C	0.027	0.1			
2020/21-4	Lab	LCS dup, rec	6/3/2021	Organic	Benzo(b)fluoranthene	n/a	=	96	%	EPA 8270C	-88	-88	19	129	
2020/21-4	Lab	LCS, RPD	6/3/2021	Organic	Benzo(b)fluoranthene	n/a	=	2	%	EPA 8270C	-88	-88	0	30	
2020/21-4	Lab	method blank	6/17/2021	Organic	Benzo(b)fluoranthene	n/a	<	0.027	µg/L	EPA 8270C	0.027	0.1			
2020/21-4	Lab	LCS	6/17/2021	Organic	Benzo(b)fluoranthene	n/a	=	7.06	µg/L	EPA 8270C	0.027	0.1			
2020/21-4	Lab	LCS, rec	6/17/2021	Organic	Benzo(b)fluoranthene	n/a	=	71	%	EPA 8270C	-88	-88	19	129	
2020/21-4	Lab	LCS dup	6/18/2021	Organic	Benzo(b)fluoranthene	n/a	=	7.43	µg/L	EPA 8270C	0.027	0.1			
2020/21-4	Lab	LCS dup, rec	6/18/2021	Organic	Benzo(b)fluoranthene	n/a	=	74	%	EPA 8270C	-88	-88	19	129	
2020/21-4	Lab	LCS, RPD	6/18/2021	Organic	Benzo(b)fluoranthene	n/a	=	5	%	EPA 8270C	-88	-88	0	30	
2020/21-4	Lab	method blank	5/5/2021	Organic	Benzo(g,h,i)perylene	n/a	<	0.05	µg/L	EPA 8270C	0.05	0.1			
2020/21-4	Lab	LCS	5/5/2021	Organic	Benzo(g,h,i)perylene	n/a	=	11.1	µg/L	EPA 8270C	0.05	0.1			
2020/21-4	Lab	LCS, rec	5/5/2021	Organic	Benzo(g,h,i)perylene	n/a	=	111	%	EPA 8270C	-88	-88	14	139	
2020/21-4	Lab	LCS dup	5/5/2021	Organic	Benzo(g,h,i)perylene	n/a	=	10.2	µg/L	EPA 8270C	0.05	0.1			
2020/21-4	Lab	LCS dup, rec	5/5/2021	Organic	Benzo(g,h,i)perylene	n/a	=	102	%	EPA 8270C	-88	-88	14	139	
2020/21-4	Lab	LCS, RPD	5/5/2021	Organic	Benzo(g,h,i)perylene	n/a	=	8	%	EPA 8270C	-88	-88	0	30	
2020/21-4	Lab	method blank	5/5/2021	Organic	Benzo(g,h,i)perylene	n/a	<	0.05	µg/L	EPA 8270C	0.05	0.1			
2020/21-4	Lab	LCS	5/5/2021	Organic	Benzo(g,h,i)perylene	n/a	=	10	µg/L	EPA 8270C	0.05	0.1			
2020/21-4	Lab	LCS, rec	5/5/2021	Organic	Benzo(g,h,i)perylene	n/a	=	100	%	EPA 8270C	-88	-88	14	139	
2020/21-4	Lab	LCS dup	5/5/2021	Organic	Benzo(g,h,i)perylene	n/a	=	10.3	µg/L	EPA 8270C	0.05	0.1			
2020/21-4	Lab	LCS dup, rec	5/5/2021	Organic	Benzo(g,h,i)perylene	n/a	=	103	%	EPA 8270C	-88	-88	14	139	
2020/21-4	Lab	LCS, RPD	5/5/2021	Organic	Benzo(g,h,i)perylene	n/a	=	2	%	EPA 8270C	-88	-88	0	30	
2020/21-4	Lab	LCS	5/18/2021	Organic	Benzo(g,h,i)perylene	n/a	=	9.76	µg/L	EPA 625.1	0.42	2			
2020/21-4	Lab	LCS, rec	5/18/2021	Organic	Benzo(g,h,i)perylene	n/a	=	98	%	EPA 625.1	-88	-88	0.1	195	
2020/21-4	Lab	LCS dup	5/18/2021	Organic	Benzo(g,h,i)perylene	n/a	=	9.99	µg/L	EPA 625.1	0.42	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	
2020/21-4	Lab	LCS dup. rec	5/18/2021	Organic	Benzo(g,h,i)perylene	n/a	=	100	%	EPA 625.1	-88	-88	0.1	195	
2020/21-4	Lab	LCS, RPD	5/18/2021	Organic	Benzo(g,h,i)perylene	n/a	=	2	%	EPA 625.1	-88	-88	0	30	
2020/21-4	Lab	method blank	5/18/2021	Organic	Benzo(g,h,i)perylene	n/a	<	0.42	µg/L	EPA 625.1	0.42	2			
2020/21-4	Lab	LCS	5/25/2021	Organic	Benzo(g,h,i)perylene	n/a	=	7.69	µg/L	EPA 625.1	0.42	2			
2020/21-4	Lab	LCS, rec	5/25/2021	Organic	Benzo(g,h,i)perylene	n/a	=	77	%	EPA 625.1	-88	-88	0.1	195	
2020/21-4	Lab	LCS dup	5/25/2021	Organic	Benzo(g,h,i)perylene	n/a	=	8.16	µg/L	EPA 625.1	0.42	2			
2020/21-4	Lab	LCS dup. rec	5/25/2021	Organic	Benzo(g,h,i)perylene	n/a	=	82	%	EPA 625.1	-88	-88	0.1	195	
2020/21-4	Lab	LCS, RPD	5/25/2021	Organic	Benzo(g,h,i)perylene	n/a	=	6	%	EPA 625.1	-88	-88	0	30	
2020/21-4	Lab	method blank	5/25/2021	Organic	Benzo(g,h,i)perylene	n/a	<	0.42	µg/L	EPA 625.1	0.42	2			
2020/21-4	Lab	LCS	5/26/2021	Organic	Benzo(g,h,i)perylene	n/a	=	10.1	µg/L	EPA 625.1	0.42	2			
2020/21-4	Lab	LCS, rec	5/26/2021	Organic	Benzo(g,h,i)perylene	n/a	=	101	%	EPA 625.1	-88	-88	0.1	195	
2020/21-4	Lab	LCS dup	5/26/2021	Organic	Benzo(g,h,i)perylene	n/a	=	9.83	µg/L	EPA 625.1	0.42	2			
2020/21-4	Lab	LCS dup. rec	5/26/2021	Organic	Benzo(g,h,i)perylene	n/a	=	98	%	EPA 625.1	-88	-88	0.1	195	
2020/21-4	Lab	LCS, RPD	5/26/2021	Organic	Benzo(g,h,i)perylene	n/a	=	3	%	EPA 625.1	-88	-88	0	30	
2020/21-4	Lab	method blank	5/27/2021	Organic	Benzo(g,h,i)perylene	n/a	<	0.42	µg/L	EPA 625.1	0.42	2			
2020/21-4	Lab	LCS	5/27/2021	Organic	Benzo(g,h,i)perylene	n/a	=	9.08	µg/L	EPA 625.1	0.42	2			
2020/21-4	Lab	LCS, rec	5/27/2021	Organic	Benzo(g,h,i)perylene	n/a	=	91	%	EPA 625.1	-88	-88	0.1	195	
2020/21-4	Lab	LCS dup	5/27/2021	Organic	Benzo(g,h,i)perylene	n/a	=	9.45	µg/L	EPA 625.1	0.42	2			
2020/21-4	Lab	LCS dup. rec	5/27/2021	Organic	Benzo(g,h,i)perylene	n/a	=	94	%	EPA 625.1	-88	-88	0.1	195	
2020/21-4	Lab	LCS, RPD	5/27/2021	Organic	Benzo(g,h,i)perylene	n/a	=	4	%	EPA 625.1	-88	-88	0	30	
2020/21-4	Lab	method blank	5/27/2021	Organic	Benzo(g,h,i)perylene	n/a	<	0.42	µg/L	EPA 625.1	0.42	2			
2020/21-4	Lab	LCS	6/1/2021	Organic	Benzo(g,h,i)perylene	n/a	=	9.11	µg/L	EPA 625.1	0.42	2			
2020/21-4	Lab	LCS, rec	6/1/2021	Organic	Benzo(g,h,i)perylene	n/a	=	91	%	EPA 625.1	-88	-88	0.1	195	
2020/21-4	Lab	LCS dup	6/1/2021	Organic	Benzo(g,h,i)perylene	n/a	=	10.3	µg/L	EPA 625.1	0.42	2			
2020/21-4	Lab	LCS dup. rec	6/1/2021	Organic	Benzo(g,h,i)perylene	n/a	=	103	%	EPA 625.1	-88	-88	0.1	195	
2020/21-4	Lab	LCS, RPD	6/1/2021	Organic	Benzo(g,h,i)perylene	n/a	=	13	%	EPA 625.1	-88	-88	0	30	
2020/21-4	Lab	method blank	6/2/2021	Organic	Benzo(g,h,i)perylene	n/a	<	0.42	µg/L	EPA 625.1	0.42	2			
2020/21-4	Lab	method blank	6/3/2021	Organic	Benzo(g,h,i)perylene	n/a	<	0.05	µg/L	EPA 8270C	0.05	0.1			
2020/21-4	Lab	LCS	6/3/2021	Organic	Benzo(g,h,i)perylene	n/a	=	11.4	µg/L	EPA 8270C	0.05	0.1			
2020/21-4	Lab	LCS, rec	6/3/2021	Organic	Benzo(g,h,i)perylene	n/a	=	114	%	EPA 8270C	-88	-88	14	139	
2020/21-4	Lab	LCS dup	6/3/2021	Organic	Benzo(g,h,i)perylene	n/a	=	11.4	µg/L	EPA 8270C	0.05	0.1			
2020/21-4	Lab	LCS dup. rec	6/3/2021	Organic	Benzo(g,h,i)perylene	n/a	=	114	%	EPA 8270C	-88	-88	14	139	
2020/21-4	Lab	LCS, RPD	6/3/2021	Organic	Benzo(g,h,i)perylene	n/a	=	0.008	%	EPA 8270C	-88	-88	0	30	
2020/21-4	Lab	method blank	6/17/2021	Organic	Benzo(g,h,i)perylene	n/a	<	0.05	µg/L	EPA 8270C	0.05	0.1			
2020/21-4	Lab	LCS	6/17/2021	Organic	Benzo(g,h,i)perylene	n/a	=	7.41	µg/L	EPA 8270C	0.05	0.1			
2020/21-4	Lab	LCS, rec	6/17/2021	Organic	Benzo(g,h,i)perylene	n/a	=	74	%	EPA 8270C	-88	-88	14	139	
2020/21-4	Lab	LCS dup	6/18/2021	Organic	Benzo(g,h,i)perylene	n/a	=	8.04	µg/L	EPA 8270C	0.05	0.1			
2020/21-4	Lab	LCS dup. rec	6/18/2021	Organic	Benzo(g,h,i)perylene	n/a	=	80	%	EPA 8270C	-88	-88	14	139	
2020/21-4	Lab	LCS, RPD	6/18/2021	Organic	Benzo(g,h,i)perylene	n/a	=	8	%	EPA 8270C	-88	-88	0	30	
2020/21-4	Lab	method blank	5/5/2021	Organic	Benzo(k)fluoranthene	n/a	<	0.026	µg/L	EPA 8270C	0.026	0.1			
2020/21-4	Lab	LCS	5/5/2021	Organic	Benzo(k)fluoranthene	n/a	=	12	µg/L	EPA 8270C	0.026	0.1			
2020/21-4	Lab	LCS, rec	5/5/2021	Organic	Benzo(k)fluoranthene	n/a	=	120	%	EPA 8270C	-88	-88	22	127	
2020/21-4	Lab	LCS dup	5/5/2021	Organic	Benzo(k)fluoranthene	n/a	=	11.6	µg/L	EPA 8270C	0.026	0.1			
2020/21-4	Lab	LCS dup. rec	5/5/2021	Organic	Benzo(k)fluoranthene	n/a	=	116	%	EPA 8270C	-88	-88	22	127	
2020/21-4	Lab	LCS, RPD	5/5/2021	Organic	Benzo(k)fluoranthene	n/a	=	3	%	EPA 8270C	-88	-88	0	30	
2020/21-4	Lab	method blank	5/5/2021	Organic	Benzo(k)fluoranthene	n/a	<	0.026	µg/L	EPA 8270C	0.026	0.1			
2020/21-4	Lab	LCS	5/5/2021	Organic	Benzo(k)fluoranthene	n/a	=	11.5	µg/L	EPA 8270C	0.026	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	
2020/21-4	Lab	LCS, rec	5/5/2021	Organic	Benzo(k)fluoranthene	n/a	=	115	%	EPA 8270C	-88	-88	22	127	
2020/21-4	Lab	LCS dup	5/5/2021	Organic	Benzo(k)fluoranthene	n/a	=	11.5	µg/L	EPA 8270C	0.026	0.1			
2020/21-4	Lab	LCS dup, rec	5/5/2021	Organic	Benzo(k)fluoranthene	n/a	=	115	%	EPA 8270C	-88	-88	22	127	
2020/21-4	Lab	LCS, RPD	5/5/2021	Organic	Benzo(k)fluoranthene	n/a	=	0.5	%	EPA 8270C	-88	-88	0	30	
2020/21-4	Lab	LCS	5/18/2021	Organic	Benzo(k)fluoranthene	n/a	=	10.2	µg/L	EPA 625.1	0.22	1			
2020/21-4	Lab	LCS, rec	5/18/2021	Organic	Benzo(k)fluoranthene	n/a	=	102	%	EPA 625.1	-88	-88	25	146	
2020/21-4	Lab	LCS dup	5/18/2021	Organic	Benzo(k)fluoranthene	n/a	=	10.5	µg/L	EPA 625.1	0.22	1			
2020/21-4	Lab	LCS dup, rec	5/18/2021	Organic	Benzo(k)fluoranthene	n/a	=	105	%	EPA 625.1	-88	-88	25	146	
2020/21-4	Lab	LCS, RPD	5/18/2021	Organic	Benzo(k)fluoranthene	n/a	=	3	%	EPA 625.1	-88	-88	0	30	
2020/21-4	Lab	method blank	5/18/2021	Organic	Benzo(k)fluoranthene	n/a	<	0.22	µg/L	EPA 625.1	0.22	1			
2020/21-4	Lab	LCS	5/25/2021	Organic	Benzo(k)fluoranthene	n/a	=	9.18	µg/L	EPA 625.1	0.22	1			
2020/21-4	Lab	LCS, rec	5/25/2021	Organic	Benzo(k)fluoranthene	n/a	=	92	%	EPA 625.1	-88	-88	25	146	
2020/21-4	Lab	LCS dup	5/25/2021	Organic	Benzo(k)fluoranthene	n/a	=	9.46	µg/L	EPA 625.1	0.22	1			
2020/21-4	Lab	LCS dup, rec	5/25/2021	Organic	Benzo(k)fluoranthene	n/a	=	95	%	EPA 625.1	-88	-88	25	146	
2020/21-4	Lab	LCS, RPD	5/25/2021	Organic	Benzo(k)fluoranthene	n/a	=	3	%	EPA 625.1	-88	-88	0	30	
2020/21-4	Lab	method blank	5/25/2021	Organic	Benzo(k)fluoranthene	n/a	<	0.22	µg/L	EPA 625.1	0.22	1			
2020/21-4	Lab	LCS	5/26/2021	Organic	Benzo(k)fluoranthene	n/a	=	10.8	µg/L	EPA 625.1	0.22	1			
2020/21-4	Lab	LCS, rec	5/26/2021	Organic	Benzo(k)fluoranthene	n/a	=	108	%	EPA 625.1	-88	-88	25	146	
2020/21-4	Lab	LCS dup	5/26/2021	Organic	Benzo(k)fluoranthene	n/a	=	10.4	µg/L	EPA 625.1	0.22	1			
2020/21-4	Lab	LCS dup, rec	5/26/2021	Organic	Benzo(k)fluoranthene	n/a	=	104	%	EPA 625.1	-88	-88	25	146	
2020/21-4	Lab	LCS, RPD	5/26/2021	Organic	Benzo(k)fluoranthene	n/a	=	4	%	EPA 625.1	-88	-88	0	30	
2020/21-4	Lab	method blank	5/27/2021	Organic	Benzo(k)fluoranthene	n/a	<	0.22	µg/L	EPA 625.1	0.22	1			
2020/21-4	Lab	LCS	5/27/2021	Organic	Benzo(k)fluoranthene	n/a	=	10.5	µg/L	EPA 625.1	0.22	1			
2020/21-4	Lab	LCS, rec	5/27/2021	Organic	Benzo(k)fluoranthene	n/a	=	105	%	EPA 625.1	-88	-88	25	146	
2020/21-4	Lab	LCS dup	5/27/2021	Organic	Benzo(k)fluoranthene	n/a	=	10.6	µg/L	EPA 625.1	0.22	1			
2020/21-4	Lab	LCS dup, rec	5/27/2021	Organic	Benzo(k)fluoranthene	n/a	=	106	%	EPA 625.1	-88	-88	25	146	
2020/21-4	Lab	LCS, RPD	5/27/2021	Organic	Benzo(k)fluoranthene	n/a	=	2	%	EPA 625.1	-88	-88	0	30	
2020/21-4	Lab	method blank	5/27/2021	Organic	Benzo(k)fluoranthene	n/a	<	0.22	µg/L	EPA 625.1	0.22	1			
2020/21-4	Lab	LCS	6/1/2021	Organic	Benzo(k)fluoranthene	n/a	=	9.71	µg/L	EPA 625.1	0.22	1			
2020/21-4	Lab	LCS, rec	6/1/2021	Organic	Benzo(k)fluoranthene	n/a	=	97	%	EPA 625.1	-88	-88	25	146	
2020/21-4	Lab	LCS dup	6/1/2021	Organic	Benzo(k)fluoranthene	n/a	=	11.4	µg/L	EPA 625.1	0.22	1			
2020/21-4	Lab	LCS dup, rec	6/1/2021	Organic	Benzo(k)fluoranthene	n/a	=	114	%	EPA 625.1	-88	-88	25	146	
2020/21-4	Lab	LCS, RPD	6/1/2021	Organic	Benzo(k)fluoranthene	n/a	=	16	%	EPA 625.1	-88	-88	0	30	
2020/21-4	Lab	method blank	6/2/2021	Organic	Benzo(k)fluoranthene	n/a	<	0.22	µg/L	EPA 625.1	0.22	1			
2020/21-4	Lab	method blank	6/3/2021	Organic	Benzo(k)fluoranthene	n/a	<	0.026	µg/L	EPA 8270C	0.026	0.1			
2020/21-4	Lab	LCS	6/3/2021	Organic	Benzo(k)fluoranthene	n/a	=	11.2	µg/L	EPA 8270C	0.026	0.1			
2020/21-4	Lab	LCS, rec	6/3/2021	Organic	Benzo(k)fluoranthene	n/a	=	112	%	EPA 8270C	-88	-88	22	127	
2020/21-4	Lab	LCS dup	6/3/2021	Organic	Benzo(k)fluoranthene	n/a	=	11.5	µg/L	EPA 8270C	0.026	0.1			
2020/21-4	Lab	LCS dup, rec	6/3/2021	Organic	Benzo(k)fluoranthene	n/a	=	115	%	EPA 8270C	-88	-88	22	127	
2020/21-4	Lab	LCS, RPD	6/3/2021	Organic	Benzo(k)fluoranthene	n/a	=	2	%	EPA 8270C	-88	-88	0	30	
2020/21-4	Lab	method blank	6/17/2021	Organic	Benzo(k)fluoranthene	n/a	<	0.026	µg/L	EPA 8270C	0.026	0.1			
2020/21-4	Lab	LCS	6/17/2021	Organic	Benzo(k)fluoranthene	n/a	=	8.38	µg/L	EPA 8270C	0.026	0.1			
2020/21-4	Lab	LCS, rec	6/17/2021	Organic	Benzo(k)fluoranthene	n/a	=	84	%	EPA 8270C	-88	-88	22	127	
2020/21-4	Lab	LCS dup	6/18/2021	Organic	Benzo(k)fluoranthene	n/a	=	9.12	µg/L	EPA 8270C	0.026	0.1			
2020/21-4	Lab	LCS dup, rec	6/18/2021	Organic	Benzo(k)fluoranthene	n/a	=	91	%	EPA 8270C	-88	-88	22	127	
2020/21-4	Lab	LCS, RPD	6/18/2021	Organic	Benzo(k)fluoranthene	n/a	=	8	%	EPA 8270C	-88	-88	0	30	
2020/21-4	Lab	LCS	5/18/2021	Organic	Bis(2-chloroethoxy)methane	n/a	=	8.71	µg/L	EPA 625.1	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	
2020/21-4	Lab	LCS, rec	5/18/2021	Organic	Bis(2-chloroethoxy)methane	n/a	=	87	%	EPA 625.1	-88	-88	49	165	
2020/21-4	Lab	LCS dup	5/18/2021	Organic	Bis(2-chloroethoxy)methane	n/a	=	7.73	µg/L	EPA 625.1	0.25	1			
2020/21-4	Lab	LCS dup, rec	5/18/2021	Organic	Bis(2-chloroethoxy)methane	n/a	=	77	%	EPA 625.1	-88	-88	49	165	
2020/21-4	Lab	LCS, RPD	5/18/2021	Organic	Bis(2-chloroethoxy)methane	n/a	=	12	%	EPA 625.1	-88	-88	0	30	
2020/21-4	Lab	method blank	5/18/2021	Organic	Bis(2-chloroethoxy)methane	n/a	<	0.25	µg/L	EPA 625.1	0.25	1			
2020/21-4	Lab	LCS	5/25/2021	Organic	Bis(2-chloroethoxy)methane	n/a	=	7.05	µg/L	EPA 625.1	0.25	1			
2020/21-4	Lab	LCS, rec	5/25/2021	Organic	Bis(2-chloroethoxy)methane	n/a	=	71	%	EPA 625.1	-88	-88	49	165	
2020/21-4	Lab	LCS dup	5/25/2021	Organic	Bis(2-chloroethoxy)methane	n/a	=	7.36	µg/L	EPA 625.1	0.25	1			
2020/21-4	Lab	LCS dup, rec	5/25/2021	Organic	Bis(2-chloroethoxy)methane	n/a	=	74	%	EPA 625.1	-88	-88	49	165	
2020/21-4	Lab	LCS, RPD	5/25/2021	Organic	Bis(2-chloroethoxy)methane	n/a	=	4	%	EPA 625.1	-88	-88	0	30	
2020/21-4	Lab	method blank	5/25/2021	Organic	Bis(2-chloroethoxy)methane	n/a	<	0.25	µg/L	EPA 625.1	0.25	1			
2020/21-4	Lab	LCS	5/26/2021	Organic	Bis(2-chloroethoxy)methane	n/a	=	9.49	µg/L	EPA 625.1	0.25	1			
2020/21-4	Lab	LCS, rec	5/26/2021	Organic	Bis(2-chloroethoxy)methane	n/a	=	95	%	EPA 625.1	-88	-88	49	165	
2020/21-4	Lab	LCS dup	5/26/2021	Organic	Bis(2-chloroethoxy)methane	n/a	=	7.01	µg/L	EPA 625.1	0.25	1			
2020/21-4	Lab	LCS dup, rec	5/26/2021	Organic	Bis(2-chloroethoxy)methane	n/a	=	70	%	EPA 625.1	-88	-88	49	165	
2020/21-4	Lab	LCS, RPD	5/26/2021	Organic	Bis(2-chloroethoxy)methane	n/a	=	30	%	EPA 625.1	-88	-88	0	30	
2020/21-4	Lab	method blank	5/27/2021	Organic	Bis(2-chloroethoxy)methane	n/a	<	0.25	µg/L	EPA 625.1	0.25	1			
2020/21-4	Lab	LCS	5/27/2021	Organic	Bis(2-chloroethoxy)methane	n/a	=	7.83	µg/L	EPA 625.1	0.25	1			
2020/21-4	Lab	LCS, rec	5/27/2021	Organic	Bis(2-chloroethoxy)methane	n/a	=	78	%	EPA 625.1	-88	-88	49	165	
2020/21-4	Lab	LCS dup	5/27/2021	Organic	Bis(2-chloroethoxy)methane	n/a	=	8.56	µg/L	EPA 625.1	0.25	1			
2020/21-4	Lab	LCS dup, rec	5/27/2021	Organic	Bis(2-chloroethoxy)methane	n/a	=	86	%	EPA 625.1	-88	-88	49	165	
2020/21-4	Lab	LCS, RPD	5/27/2021	Organic	Bis(2-chloroethoxy)methane	n/a	=	9	%	EPA 625.1	-88	-88	0	30	
2020/21-4	Lab	method blank	5/27/2021	Organic	Bis(2-chloroethoxy)methane	n/a	<	0.25	µg/L	EPA 625.1	0.25	1			
2020/21-4	Lab	LCS	6/1/2021	Organic	Bis(2-chloroethoxy)methane	n/a	=	7.13	µg/L	EPA 625.1	0.25	1			
2020/21-4	Lab	LCS, rec	6/1/2021	Organic	Bis(2-chloroethoxy)methane	n/a	=	71	%	EPA 625.1	-88	-88	49	165	
2020/21-4	Lab	LCS dup	6/1/2021	Organic	Bis(2-chloroethoxy)methane	n/a	=	7.29	µg/L	EPA 625.1	0.25	1			
2020/21-4	Lab	LCS dup, rec	6/1/2021	Organic	Bis(2-chloroethoxy)methane	n/a	=	73	%	EPA 625.1	-88	-88	49	165	
2020/21-4	Lab	LCS, RPD	6/1/2021	Organic	Bis(2-chloroethoxy)methane	n/a	=	2	%	EPA 625.1	-88	-88	0	30	
2020/21-4	Lab	method blank	6/2/2021	Organic	Bis(2-chloroethoxy)methane	n/a	<	0.25	µg/L	EPA 625.1	0.25	1			
2020/21-4	Lab	LCS	5/18/2021	Organic	Bis(2-chloroethyl)ether	n/a	=	7.64	µg/L	EPA 625.1	0.27	1			
2020/21-4	Lab	LCS, rec	5/18/2021	Organic	Bis(2-chloroethyl)ether	n/a	=	76	%	EPA 625.1	-88	-88	43	126	
2020/21-4	Lab	LCS dup	5/18/2021	Organic	Bis(2-chloroethyl)ether	n/a	=	7.02	µg/L	EPA 625.1	0.27	1			
2020/21-4	Lab	LCS dup, rec	5/18/2021	Organic	Bis(2-chloroethyl)ether	n/a	=	70	%	EPA 625.1	-88	-88	43	126	
2020/21-4	Lab	LCS, RPD	5/18/2021	Organic	Bis(2-chloroethyl)ether	n/a	=	8	%	EPA 625.1	-88	-88	0	30	
2020/21-4	Lab	method blank	5/18/2021	Organic	Bis(2-chloroethyl)ether	n/a	<	0.27	µg/L	EPA 625.1	0.27	1			
2020/21-4	Lab	LCS	5/25/2021	Organic	Bis(2-chloroethyl)ether	n/a	=	6.55	µg/L	EPA 625.1	0.27	1			
2020/21-4	Lab	LCS, rec	5/25/2021	Organic	Bis(2-chloroethyl)ether	n/a	=	66	%	EPA 625.1	-88	-88	43	126	
2020/21-4	Lab	LCS dup	5/25/2021	Organic	Bis(2-chloroethyl)ether	n/a	=	6.76	µg/L	EPA 625.1	0.27	1			
2020/21-4	Lab	LCS dup, rec	5/25/2021	Organic	Bis(2-chloroethyl)ether	n/a	=	68	%	EPA 625.1	-88	-88	43	126	
2020/21-4	Lab	LCS, RPD	5/25/2021	Organic	Bis(2-chloroethyl)ether	n/a	=	3	%	EPA 625.1	-88	-88	0	30	
2020/21-4	Lab	method blank	5/25/2021	Organic	Bis(2-chloroethyl)ether	n/a	<	0.27	µg/L	EPA 625.1	0.27	1			
2020/21-4	Lab	LCS	5/26/2021	Organic	Bis(2-chloroethyl)ether	n/a	=	8.51	µg/L	EPA 625.1	0.27	1			
2020/21-4	Lab	LCS, rec	5/26/2021	Organic	Bis(2-chloroethyl)ether	n/a	=	85	%	EPA 625.1	-88	-88	43	126	
2020/21-4	Lab	LCS dup	5/26/2021	Organic	Bis(2-chloroethyl)ether	n/a	=	6.37	µg/L	EPA 625.1	0.27	1			
2020/21-4	Lab	LCS dup, rec	5/26/2021	Organic	Bis(2-chloroethyl)ether	n/a	=	64	%	EPA 625.1	-88	-88	43	126	
2020/21-4	Lab	LCS, RPD	5/26/2021	Organic	Bis(2-chloroethyl)ether	n/a	=	29	%	EPA 625.1	-88	-88	0	30	
2020/21-4	Lab	method blank	5/27/2021	Organic	Bis(2-chloroethyl)ether	n/a	<	0.27	µg/L	EPA 625.1	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	
2020/21-4	Lab	LCS	5/27/2021	Organic	Bis(2-chloroethyl)ether	n/a	=	7.21	µg/L	EPA 625.1	0.27	1			
2020/21-4	Lab	LCS, rec	5/27/2021	Organic	Bis(2-chloroethyl)ether	n/a	=	72	%	EPA 625.1	-88	-88	43	126	
2020/21-4	Lab	LCS dup	5/27/2021	Organic	Bis(2-chloroethyl)ether	n/a	=	7.84	µg/L	EPA 625.1	0.27	1			
2020/21-4	Lab	LCS dup, rec	5/27/2021	Organic	Bis(2-chloroethyl)ether	n/a	=	78	%	EPA 625.1	-88	-88	43	126	
2020/21-4	Lab	LCS, RPD	5/27/2021	Organic	Bis(2-chloroethyl)ether	n/a	=	8	%	EPA 625.1	-88	-88	0	30	
2020/21-4	Lab	method blank	5/27/2021	Organic	Bis(2-chloroethyl)ether	n/a	<	0.27	µg/L	EPA 625.1	0.27	1			
2020/21-4	Lab	LCS	6/1/2021	Organic	Bis(2-chloroethyl)ether	n/a	=	6.48	µg/L	EPA 625.1	0.27	1			
2020/21-4	Lab	LCS, rec	6/1/2021	Organic	Bis(2-chloroethyl)ether	n/a	=	65	%	EPA 625.1	-88	-88	43	126	
2020/21-4	Lab	LCS dup	6/1/2021	Organic	Bis(2-chloroethyl)ether	n/a	=	6.8	µg/L	EPA 625.1	0.27	1			
2020/21-4	Lab	LCS dup, rec	6/1/2021	Organic	Bis(2-chloroethyl)ether	n/a	=	68	%	EPA 625.1	-88	-88	43	126	
2020/21-4	Lab	LCS, RPD	6/1/2021	Organic	Bis(2-chloroethyl)ether	n/a	=	5	%	EPA 625.1	-88	-88	0	30	
2020/21-4	Lab	method blank	6/2/2021	Organic	Bis(2-chloroethyl)ether	n/a	<	0.27	µg/L	EPA 625.1	0.27	1			
2020/21-4	Lab	LCS	5/18/2021	Organic	Bis(2-chloroisopropyl)ether	n/a	=	7.85	µg/L	EPA 625.1	0.38	1			
2020/21-4	Lab	LCS, rec	5/18/2021	Organic	Bis(2-chloroisopropyl)ether	n/a	=	78	%	EPA 625.1	-88	-88	63	139	
2020/21-4	Lab	LCS dup	5/18/2021	Organic	Bis(2-chloroisopropyl)ether	n/a	=	7.15	µg/L	EPA 625.1	0.38	1			
2020/21-4	Lab	LCS dup, rec	5/18/2021	Organic	Bis(2-chloroisopropyl)ether	n/a	=	72	%	EPA 625.1	-88	-88	63	139	
2020/21-4	Lab	LCS, RPD	5/18/2021	Organic	Bis(2-chloroisopropyl)ether	n/a	=	9	%	EPA 625.1	-88	-88	0	30	
2020/21-4	Lab	method blank	5/18/2021	Organic	Bis(2-chloroisopropyl)ether	n/a	<	0.38	µg/L	EPA 625.1	0.38	1			
2020/21-4	Lab	LCS	5/25/2021	Organic	Bis(2-chloroisopropyl)ether	n/a	=	6.56	µg/L	EPA 625.1	0.38	1			
2020/21-4	Lab	LCS, rec	5/25/2021	Organic	Bis(2-chloroisopropyl)ether	n/a	=	66	%	EPA 625.1	-88	-88	63	139	
2020/21-4	Lab	LCS dup	5/25/2021	Organic	Bis(2-chloroisopropyl)ether	n/a	=	6.87	µg/L	EPA 625.1	0.38	1			
2020/21-4	Lab	LCS dup, rec	5/25/2021	Organic	Bis(2-chloroisopropyl)ether	n/a	=	69	%	EPA 625.1	-88	-88	63	139	
2020/21-4	Lab	LCS, RPD	5/25/2021	Organic	Bis(2-chloroisopropyl)ether	n/a	=	5	%	EPA 625.1	-88	-88	0	30	
2020/21-4	Lab	method blank	5/25/2021	Organic	Bis(2-chloroisopropyl)ether	n/a	<	0.38	µg/L	EPA 625.1	0.38	1			
2020/21-4	Lab	LCS	5/26/2021	Organic	Bis(2-chloroisopropyl)ether	n/a	=	8.36	µg/L	EPA 625.1	0.38	1			
2020/21-4	Lab	LCS, rec	5/26/2021	Organic	Bis(2-chloroisopropyl)ether	n/a	=	84	%	EPA 625.1	-88	-88	63	139	
2020/21-4	Lab	LCS dup	5/26/2021	Organic	Bis(2-chloroisopropyl)ether	n/a	=	6.48	µg/L	EPA 625.1	0.38	1			
2020/21-4	Lab	LCS dup, rec	5/26/2021	Organic	Bis(2-chloroisopropyl)ether	n/a	=	65	%	EPA 625.1	-88	-88	63	139	
2020/21-4	Lab	LCS, RPD	5/26/2021	Organic	Bis(2-chloroisopropyl)ether	n/a	=	25	%	EPA 625.1	-88	-88	0	30	
2020/21-4	Lab	method blank	5/27/2021	Organic	Bis(2-chloroisopropyl)ether	n/a	<	0.38	µg/L	EPA 625.1	0.38	1			
2020/21-4	Lab	LCS	5/27/2021	Organic	Bis(2-chloroisopropyl)ether	n/a	=	7.23	µg/L	EPA 625.1	0.38	1			
2020/21-4	Lab	LCS, rec	5/27/2021	Organic	Bis(2-chloroisopropyl)ether	n/a	=	72	%	EPA 625.1	-88	-88	63	139	
2020/21-4	Lab	LCS dup	5/27/2021	Organic	Bis(2-chloroisopropyl)ether	n/a	=	7.92	µg/L	EPA 625.1	0.38	1			
2020/21-4	Lab	LCS dup, rec	5/27/2021	Organic	Bis(2-chloroisopropyl)ether	n/a	=	79	%	EPA 625.1	-88	-88	63	139	
2020/21-4	Lab	LCS, RPD	5/27/2021	Organic	Bis(2-chloroisopropyl)ether	n/a	=	9	%	EPA 625.1	-88	-88	0	30	
2020/21-4	Lab	method blank	5/27/2021	Organic	Bis(2-chloroisopropyl)ether	n/a	<	0.38	µg/L	EPA 625.1	0.38	1			
2020/21-4	Lab	LCS	6/1/2021	Organic	Bis(2-chloroisopropyl)ether	n/a	=	6.45	µg/L	EPA 625.1	0.38	1			
2020/21-4	Lab	LCS, rec	6/1/2021	Organic	Bis(2-chloroisopropyl)ether	n/a	=	65	%	EPA 625.1	-88	-88	63	139	
2020/21-4	Lab	LCS dup	6/1/2021	Organic	Bis(2-chloroisopropyl)ether	n/a	=	6.69	µg/L	EPA 625.1	0.38	1			
2020/21-4	Lab	LCS dup, rec	6/1/2021	Organic	Bis(2-chloroisopropyl)ether	n/a	=	67	%	EPA 625.1	-88	-88	63	139	
2020/21-4	Lab	LCS, RPD	6/1/2021	Organic	Bis(2-chloroisopropyl)ether	n/a	=	4	%	EPA 625.1	-88	-88	0	30	
2020/21-4	Lab	method blank	6/2/2021	Organic	Bis(2-chloroisopropyl)ether	n/a	<	0.38	µg/L	EPA 625.1	0.38	1			
2020/21-4	Lab	method blank	5/11/2021	Organic	Bis(2-ethylhexyl)adipate	n/a	DNQ	0.509	µg/L	EPA 525.2	0.12	5			IP
2020/21-4	Lab	LCS	5/11/2021	Organic	Bis(2-ethylhexyl)adipate	n/a	=	6.24	µg/L	EPA 525.2	0.12	5			
2020/21-4	Lab	LCS, rec	5/11/2021	Organic	Bis(2-ethylhexyl)adipate	n/a	=	125	%	EPA 525.2	-88	-88	70	130	
2020/21-4	Lab	LCS dup	5/11/2021	Organic	Bis(2-ethylhexyl)adipate	n/a	=	5.77	µg/L	EPA 525.2	0.12	5			
2020/21-4	Lab	LCS dup, rec	5/11/2021	Organic	Bis(2-ethylhexyl)adipate	n/a	=	115	%	EPA 525.2	-88	-88	70	130	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2020/21-4	Lab	LCS, RPD	5/11/2021	Organic	Bis(2-ethylhexyl)adipate	n/a	=	8	%	EPA 525.2	-88	-88	0	30	
2020/21-4	Lab	method blank	5/13/2021	Organic	Bis(2-ethylhexyl)adipate	n/a	DNQ	0.437	µg/L	EPA 525.2	0.12	5			IP
2020/21-4	Lab	LCS	5/13/2021	Organic	Bis(2-ethylhexyl)adipate	n/a	=	6.94	µg/L	EPA 525.2	0.12	5			EUM
2020/21-4	Lab	LCS, rec	5/13/2021	Organic	Bis(2-ethylhexyl)adipate	n/a	=	139	%	EPA 525.2	-88	-88	70	130	EUM
2020/21-4	Lab	LCS dup	5/13/2021	Organic	Bis(2-ethylhexyl)adipate	n/a	=	6.73	µg/L	EPA 525.2	0.12	5			EUM
2020/21-4	Lab	LCS dup, rec	5/13/2021	Organic	Bis(2-ethylhexyl)adipate	n/a	=	135	%	EPA 525.2	-88	-88	70	130	EUM
2020/21-4	Lab	LCS, RPD	5/13/2021	Organic	Bis(2-ethylhexyl)adipate	n/a	=	3	%	EPA 525.2	-88	-88	0	30	
2020/21-4	Lab	method blank	6/3/2021	Organic	Bis(2-ethylhexyl)adipate	n/a	DNQ	0.615	µg/L	EPA 525.2	0.12	5			IP
2020/21-4	Lab	LCS	6/3/2021	Organic	Bis(2-ethylhexyl)adipate	n/a	=	5.99	µg/L	EPA 525.2	0.12	5			
2020/21-4	Lab	LCS, rec	6/3/2021	Organic	Bis(2-ethylhexyl)adipate	n/a	=	120	%	EPA 525.2	-88	-88	70	130	
2020/21-4	Lab	LCS dup	6/3/2021	Organic	Bis(2-ethylhexyl)adipate	n/a	=	5.74	µg/L	EPA 525.2	0.12	5			
2020/21-4	Lab	LCS dup, rec	6/3/2021	Organic	Bis(2-ethylhexyl)adipate	n/a	=	115	%	EPA 525.2	-88	-88	70	130	
2020/21-4	Lab	LCS, RPD	6/3/2021	Organic	Bis(2-ethylhexyl)adipate	n/a	=	4	%	EPA 525.2	-88	-88	0	30	
2020/21-4	Lab	method blank	6/3/2021	Organic	Bis(2-ethylhexyl)adipate	n/a	DNQ	0.52	µg/L	EPA 525.2	0.12	5			IP
2020/21-4	Lab	LCS	6/3/2021	Organic	Bis(2-ethylhexyl)adipate	n/a	=	5.71	µg/L	EPA 525.2	0.12	5			
2020/21-4	Lab	LCS, rec	6/3/2021	Organic	Bis(2-ethylhexyl)adipate	n/a	=	114	%	EPA 525.2	-88	-88	70	130	
2020/21-4	Lab	LCS dup	6/4/2021	Organic	Bis(2-ethylhexyl)adipate	n/a	=	5.67	µg/L	EPA 525.2	0.12	5			
2020/21-4	Lab	LCS dup, rec	6/4/2021	Organic	Bis(2-ethylhexyl)adipate	n/a	=	113	%	EPA 525.2	-88	-88	70	130	
2020/21-4	Lab	LCS, RPD	6/4/2021	Organic	Bis(2-ethylhexyl)adipate	n/a	=	0.7	%	EPA 525.2	-88	-88	0	30	
2020/21-4	Lab	method blank	6/4/2021	Organic	Bis(2-ethylhexyl)adipate	n/a	DNQ	0.575	µg/L	EPA 525.2	0.12	5			IP
2020/21-4	Lab	LCS	6/4/2021	Organic	Bis(2-ethylhexyl)adipate	n/a	=	5.92	µg/L	EPA 525.2	0.12	5			
2020/21-4	Lab	LCS, rec	6/4/2021	Organic	Bis(2-ethylhexyl)adipate	n/a	=	118	%	EPA 525.2	-88	-88	70	130	
2020/21-4	Lab	LCS dup	6/4/2021	Organic	Bis(2-ethylhexyl)adipate	n/a	=	6.03	µg/L	EPA 525.2	0.12	5			
2020/21-4	Lab	LCS dup, rec	6/4/2021	Organic	Bis(2-ethylhexyl)adipate	n/a	=	121	%	EPA 525.2	-88	-88	70	130	
2020/21-4	Lab	LCS, RPD	6/4/2021	Organic	Bis(2-ethylhexyl)adipate	n/a	=	2	%	EPA 525.2	-88	-88	0	30	
2020/21-4	Lab	method blank	5/11/2021	Organic	Bis(2-ethylhexyl)phthalate	n/a	DNQ	0.581	µg/L	EPA 525.2	0.41	3			IP
2020/21-4	Lab	LCS	5/11/2021	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	6.04	µg/L	EPA 525.2	0.41	3			
2020/21-4	Lab	LCS, rec	5/11/2021	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	121	%	EPA 525.2	-88	-88	70	130	
2020/21-4	Lab	LCS dup	5/11/2021	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	5.25	µg/L	EPA 525.2	0.41	3			
2020/21-4	Lab	LCS dup, rec	5/11/2021	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	105	%	EPA 525.2	-88	-88	70	130	
2020/21-4	Lab	LCS, RPD	5/11/2021	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	14	%	EPA 525.2	-88	-88	0	30	
2020/21-4	Lab	method blank	5/13/2021	Organic	Bis(2-ethylhexyl)phthalate	n/a	DNQ	0.452	µg/L	EPA 525.2	0.41	3			IP
2020/21-4	Lab	LCS	5/13/2021	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	6.07	µg/L	EPA 525.2	0.41	3			
2020/21-4	Lab	LCS, rec	5/13/2021	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	121	%	EPA 525.2	-88	-88	70	130	
2020/21-4	Lab	LCS dup	5/13/2021	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	6.02	µg/L	EPA 525.2	0.41	3			
2020/21-4	Lab	LCS dup, rec	5/13/2021	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	120	%	EPA 525.2	-88	-88	70	130	
2020/21-4	Lab	LCS, RPD	5/13/2021	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	0.8	%	EPA 525.2	-88	-88	0	30	
2020/21-4	Lab	LCS	5/18/2021	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	9.73	µg/L	EPA 625.1	2.3	4			
2020/21-4	Lab	LCS, rec	5/18/2021	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	97	%	EPA 625.1	-88	-88	29	137	
2020/21-4	Lab	LCS dup	5/18/2021	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	9.99	µg/L	EPA 625.1	2.3	4			
2020/21-4	Lab	LCS dup, rec	5/18/2021	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	100	%	EPA 625.1	-88	-88	29	137	
2020/21-4	Lab	LCS, RPD	5/18/2021	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	3	%	EPA 625.1	-88	-88	0	30	
2020/21-4	Lab	method blank	5/18/2021	Organic	Bis(2-ethylhexyl)phthalate	n/a	<	2.3	µg/L	EPA 625.1	2.3	4			
2020/21-4	Lab	LCS	5/25/2021	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	11.1	µg/L	EPA 625.1	2.3	4			
2020/21-4	Lab	LCS, rec	5/25/2021	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	111	%	EPA 625.1	-88	-88	29	137	
2020/21-4	Lab	LCS dup	5/25/2021	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	19.5	µg/L	EPA 625.1	2.3	4			EUM,IL
2020/21-4	Lab	LCS dup, rec	5/25/2021	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	195	%	EPA 625.1	-88	-88	29	137	EUM,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	
2020/21-4	Lab	LCS, RPD	5/25/2021	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	54	%	EPA 625.1	-88	-88	0	30	IL
2020/21-4	Lab	method blank	5/25/2021	Organic	Bis(2-ethylhexyl)phthalate	n/a	<	2.3	µg/L	EPA 625.1	2.3	4			
2020/21-4	Lab	LCS	5/26/2021	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	12.4	µg/L	EPA 625.1	2.3	5			
2020/21-4	Lab	LCS, rec	5/26/2021	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	124	%	EPA 625.1	-88	-88	29	137	
2020/21-4	Lab	LCS dup	5/26/2021	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	11.4	µg/L	EPA 625.1	2.3	5			
2020/21-4	Lab	LCS dup, rec	5/26/2021	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	114	%	EPA 625.1	-88	-88	29	137	
2020/21-4	Lab	LCS, RPD	5/26/2021	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	9	%	EPA 625.1	-88	-88	0	30	
2020/21-4	Lab	method blank	5/27/2021	Organic	Bis(2-ethylhexyl)phthalate	n/a	<	2.3	µg/L	EPA 625.1	2.3	5			
2020/21-4	Lab	LCS	5/27/2021	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	12.6	µg/L	EPA 625.1	2.3	5			
2020/21-4	Lab	LCS, rec	5/27/2021	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	126	%	EPA 625.1	-88	-88	29	137	
2020/21-4	Lab	LCS dup	5/27/2021	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	12.7	µg/L	EPA 625.1	2.3	5			
2020/21-4	Lab	LCS dup, rec	5/27/2021	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	127	%	EPA 625.1	-88	-88	29	137	
2020/21-4	Lab	LCS, RPD	5/27/2021	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	0.5	%	EPA 625.1	-88	-88	0	30	
2020/21-4	Lab	method blank	5/27/2021	Organic	Bis(2-ethylhexyl)phthalate	n/a	<	2.3	µg/L	EPA 625.1	2.3	5			
2020/21-4	Lab	LCS	6/1/2021	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	14	µg/L	EPA 625.1	2.3	4			EUM
2020/21-4	Lab	LCS, rec	6/1/2021	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	140	%	EPA 625.1	-88	-88	29	137	EUM
2020/21-4	Lab	LCS dup	6/1/2021	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	25.1	µg/L	EPA 625.1	2.3	4			EUM,IL
2020/21-4	Lab	LCS dup, rec	6/1/2021	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	251	%	EPA 625.1	-88	-88	29	137	EUM,IL
2020/21-4	Lab	LCS, RPD	6/1/2021	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	57	%	EPA 625.1	-88	-88	0	30	IL
2020/21-4	Lab	method blank	6/2/2021	Organic	Bis(2-ethylhexyl)phthalate	n/a	<	2.3	µg/L	EPA 625.1	2.3	4			
2020/21-4	Lab	method blank	6/3/2021	Organic	Bis(2-ethylhexyl)phthalate	n/a	DNQ	0.523	µg/L	EPA 525.2	0.41	3			IP
2020/21-4	Lab	LCS	6/3/2021	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	5.7	µg/L	EPA 525.2	0.41	3			
2020/21-4	Lab	LCS, rec	6/3/2021	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	114	%	EPA 525.2	-88	-88	70	130	
2020/21-4	Lab	LCS dup	6/3/2021	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	5.68	µg/L	EPA 525.2	0.41	3			
2020/21-4	Lab	LCS dup, rec	6/3/2021	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	114	%	EPA 525.2	-88	-88	70	130	
2020/21-4	Lab	LCS, RPD	6/3/2021	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	0.4	%	EPA 525.2	-88	-88	0	30	
2020/21-4	Lab	method blank	6/3/2021	Organic	Bis(2-ethylhexyl)phthalate	n/a	DNQ	0.458	µg/L	EPA 525.2	0.41	3			IP
2020/21-4	Lab	LCS	6/3/2021	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	5.7	µg/L	EPA 525.2	0.41	3			
2020/21-4	Lab	LCS, rec	6/3/2021	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	114	%	EPA 525.2	-88	-88	70	130	
2020/21-4	Lab	LCS dup	6/4/2021	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	5.67	µg/L	EPA 525.2	0.41	3			
2020/21-4	Lab	LCS dup, rec	6/4/2021	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	113	%	EPA 525.2	-88	-88	70	130	
2020/21-4	Lab	LCS, RPD	6/4/2021	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	0.5	%	EPA 525.2	-88	-88	0	30	
2020/21-4	Lab	method blank	6/4/2021	Organic	Bis(2-ethylhexyl)phthalate	n/a	DNQ	0.459	µg/L	EPA 525.2	0.41	3			IP
2020/21-4	Lab	LCS	6/4/2021	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	5.71	µg/L	EPA 525.2	0.41	3			
2020/21-4	Lab	LCS, rec	6/4/2021	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	114	%	EPA 525.2	-88	-88	70	130	
2020/21-4	Lab	LCS dup	6/4/2021	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	5.77	µg/L	EPA 525.2	0.41	3			
2020/21-4	Lab	LCS dup, rec	6/4/2021	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	115	%	EPA 525.2	-88	-88	70	130	
2020/21-4	Lab	LCS, RPD	6/4/2021	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	1	%	EPA 525.2	-88	-88	0	30	
2020/21-4	Lab	LCS	5/18/2021	Organic	Butyl benzyl phthalate	n/a	=	9.77	µg/L	EPA 625.1	0.18	1			
2020/21-4	Lab	LCS, rec	5/18/2021	Organic	Butyl benzyl phthalate	n/a	=	98	%	EPA 625.1	-88	-88	0.1	140	
2020/21-4	Lab	LCS dup	5/18/2021	Organic	Butyl benzyl phthalate	n/a	=	10	µg/L	EPA 625.1	0.18	1			
2020/21-4	Lab	LCS dup, rec	5/18/2021	Organic	Butyl benzyl phthalate	n/a	=	100	%	EPA 625.1	-88	-88	0.1	140	
2020/21-4	Lab	LCS, RPD	5/18/2021	Organic	Butyl benzyl phthalate	n/a	=	2	%	EPA 625.1	-88	-88	0	30	
2020/21-4	Lab	method blank	5/18/2021	Organic	Butyl benzyl phthalate	n/a	<	0.18	µg/L	EPA 625.1	0.18	1			
2020/21-4	Lab	LCS	5/25/2021	Organic	Butyl benzyl phthalate	n/a	=	9.23	µg/L	EPA 625.1	0.18	1			
2020/21-4	Lab	LCS, rec	5/25/2021	Organic	Butyl benzyl phthalate	n/a	=	92	%	EPA 625.1	-88	-88	0.1	140	
2020/21-4	Lab	LCS dup	5/25/2021	Organic	Butyl benzyl phthalate	n/a	=	9.55	µg/L	EPA 625.1	0.18	1			

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2020/21-4	Lab	LCS dup. rec	5/25/2021	Organic	Butyl benzyl phthalate	n/a	=	95	%	EPA 625.1	-88	-88	0.1	140	
2020/21-4	Lab	LCS, RPD	5/25/2021	Organic	Butyl benzyl phthalate	n/a	=	3	%	EPA 625.1	-88	-88	0	30	
2020/21-4	Lab	method blank	5/25/2021	Organic	Butyl benzyl phthalate	n/a	<	0.18	µg/L	EPA 625.1	0.18	1			
2020/21-4	Lab	LCS	5/26/2021	Organic	Butyl benzyl phthalate	n/a	=	12.3	µg/L	EPA 625.1	0.18	1			
2020/21-4	Lab	LCS, rec	5/26/2021	Organic	Butyl benzyl phthalate	n/a	=	123	%	EPA 625.1	-88	-88	0.1	140	
2020/21-4	Lab	LCS dup	5/26/2021	Organic	Butyl benzyl phthalate	n/a	=	11.5	µg/L	EPA 625.1	0.18	1			
2020/21-4	Lab	LCS dup. rec	5/26/2021	Organic	Butyl benzyl phthalate	n/a	=	115	%	EPA 625.1	-88	-88	0.1	140	
2020/21-4	Lab	LCS, RPD	5/26/2021	Organic	Butyl benzyl phthalate	n/a	=	7	%	EPA 625.1	-88	-88	0	30	
2020/21-4	Lab	method blank	5/27/2021	Organic	Butyl benzyl phthalate	n/a	<	0.18	µg/L	EPA 625.1	0.18	1			
2020/21-4	Lab	LCS	5/27/2021	Organic	Butyl benzyl phthalate	n/a	=	12.5	µg/L	EPA 625.1	0.18	1			
2020/21-4	Lab	LCS, rec	5/27/2021	Organic	Butyl benzyl phthalate	n/a	=	125	%	EPA 625.1	-88	-88	0.1	140	
2020/21-4	Lab	LCS dup	5/27/2021	Organic	Butyl benzyl phthalate	n/a	=	12.6	µg/L	EPA 625.1	0.18	1			
2020/21-4	Lab	LCS dup. rec	5/27/2021	Organic	Butyl benzyl phthalate	n/a	=	126	%	EPA 625.1	-88	-88	0.1	140	
2020/21-4	Lab	LCS, RPD	5/27/2021	Organic	Butyl benzyl phthalate	n/a	=	0.3	%	EPA 625.1	-88	-88	0	30	
2020/21-4	Lab	method blank	5/27/2021	Organic	Butyl benzyl phthalate	n/a	<	0.18	µg/L	EPA 625.1	0.18	1			
2020/21-4	Lab	LCS	6/1/2021	Organic	Butyl benzyl phthalate	n/a	=	11.5	µg/L	EPA 625.1	0.18	1			
2020/21-4	Lab	LCS, rec	6/1/2021	Organic	Butyl benzyl phthalate	n/a	=	115	%	EPA 625.1	-88	-88	0.1	140	
2020/21-4	Lab	LCS dup	6/1/2021	Organic	Butyl benzyl phthalate	n/a	=	12.3	µg/L	EPA 625.1	0.18	1			
2020/21-4	Lab	LCS dup. rec	6/1/2021	Organic	Butyl benzyl phthalate	n/a	=	123	%	EPA 625.1	-88	-88	0.1	140	
2020/21-4	Lab	LCS, RPD	6/1/2021	Organic	Butyl benzyl phthalate	n/a	=	7	%	EPA 625.1	-88	-88	0	30	
2020/21-4	Lab	method blank	6/2/2021	Organic	Butyl benzyl phthalate	n/a	<	0.18	µg/L	EPA 625.1	0.18	1			
2020/21-4	Lab	method blank	5/5/2021	Organic	Chrysene	n/a	<	0.032	µg/L	EPA 8270C	0.032	0.1			
2020/21-4	Lab	LCS	5/5/2021	Organic	Chrysene	n/a	=	10.3	µg/L	EPA 8270C	0.032	0.1			
2020/21-4	Lab	LCS, rec	5/5/2021	Organic	Chrysene	n/a	=	103	%	EPA 8270C	-88	-88	32	126	
2020/21-4	Lab	LCS dup	5/5/2021	Organic	Chrysene	n/a	=	9.85	µg/L	EPA 8270C	0.032	0.1			
2020/21-4	Lab	LCS dup. rec	5/5/2021	Organic	Chrysene	n/a	=	99	%	EPA 8270C	-88	-88	32	126	
2020/21-4	Lab	LCS, RPD	5/5/2021	Organic	Chrysene	n/a	=	5	%	EPA 8270C	-88	-88	0	30	
2020/21-4	Lab	method blank	5/5/2021	Organic	Chrysene	n/a	<	0.032	µg/L	EPA 8270C	0.032	0.1			
2020/21-4	Lab	LCS	5/5/2021	Organic	Chrysene	n/a	=	9.78	µg/L	EPA 8270C	0.032	0.1			
2020/21-4	Lab	LCS, rec	5/5/2021	Organic	Chrysene	n/a	=	98	%	EPA 8270C	-88	-88	32	126	
2020/21-4	Lab	LCS dup	5/5/2021	Organic	Chrysene	n/a	=	9.78	µg/L	EPA 8270C	0.032	0.1			
2020/21-4	Lab	LCS dup. rec	5/5/2021	Organic	Chrysene	n/a	=	98	%	EPA 8270C	-88	-88	32	126	
2020/21-4	Lab	LCS, RPD	5/5/2021	Organic	Chrysene	n/a	=	0.02	%	EPA 8270C	-88	-88	0	30	
2020/21-4	Lab	LCS	5/18/2021	Organic	Chrysene	n/a	=	9.81	µg/L	EPA 625.1	0.19	1			
2020/21-4	Lab	LCS, rec	5/18/2021	Organic	Chrysene	n/a	=	98	%	EPA 625.1	-88	-88	44	140	
2020/21-4	Lab	LCS dup	5/18/2021	Organic	Chrysene	n/a	=	9.78	µg/L	EPA 625.1	0.19	1			
2020/21-4	Lab	LCS dup. rec	5/18/2021	Organic	Chrysene	n/a	=	98	%	EPA 625.1	-88	-88	44	140	
2020/21-4	Lab	LCS, RPD	5/18/2021	Organic	Chrysene	n/a	=	0.4	%	EPA 625.1	-88	-88	0	30	
2020/21-4	Lab	method blank	5/18/2021	Organic	Chrysene	n/a	<	0.19	µg/L	EPA 625.1	0.19	1			
2020/21-4	Lab	LCS	5/25/2021	Organic	Chrysene	n/a	=	8.71	µg/L	EPA 625.1	0.19	1			
2020/21-4	Lab	LCS, rec	5/25/2021	Organic	Chrysene	n/a	=	87	%	EPA 625.1	-88	-88	44	140	
2020/21-4	Lab	LCS dup	5/25/2021	Organic	Chrysene	n/a	=	9.31	µg/L	EPA 625.1	0.19	1			
2020/21-4	Lab	LCS dup. rec	5/25/2021	Organic	Chrysene	n/a	=	93	%	EPA 625.1	-88	-88	44	140	
2020/21-4	Lab	LCS, RPD	5/25/2021	Organic	Chrysene	n/a	=	7	%	EPA 625.1	-88	-88	0	30	
2020/21-4	Lab	method blank	5/25/2021	Organic	Chrysene	n/a	<	0.19	µg/L	EPA 625.1	0.19	1			
2020/21-4	Lab	LCS	5/26/2021	Organic	Chrysene	n/a	=	10.5	µg/L	EPA 625.1	0.19	1			
2020/21-4	Lab	LCS, rec	5/26/2021	Organic	Chrysene	n/a	=	105	%	EPA 625.1	-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	
2020/21-4	Lab	LCS dup	5/26/2021	Organic	Chrysene	n/a	=	9.85	µg/L	EPA 625.1	0.19	1			
2020/21-4	Lab	LCS dup, rec	5/26/2021	Organic	Chrysene	n/a	=	98	%	EPA 625.1	-88	-88	44	140	
2020/21-4	Lab	LCS, RPD	5/26/2021	Organic	Chrysene	n/a	=	7	%	EPA 625.1	-88	-88	0	30	
2020/21-4	Lab	method blank	5/27/2021	Organic	Chrysene	n/a	<	0.19	µg/L	EPA 625.1	0.19	1			
2020/21-4	Lab	LCS	5/27/2021	Organic	Chrysene	n/a	=	9.54	µg/L	EPA 625.1	0.19	1			
2020/21-4	Lab	LCS, rec	5/27/2021	Organic	Chrysene	n/a	=	95	%	EPA 625.1	-88	-88	44	140	
2020/21-4	Lab	LCS dup	5/27/2021	Organic	Chrysene	n/a	=	9.95	µg/L	EPA 625.1	0.19	1			
2020/21-4	Lab	LCS dup, rec	5/27/2021	Organic	Chrysene	n/a	=	99	%	EPA 625.1	-88	-88	44	140	
2020/21-4	Lab	LCS, RPD	5/27/2021	Organic	Chrysene	n/a	=	4	%	EPA 625.1	-88	-88	0	30	
2020/21-4	Lab	method blank	5/27/2021	Organic	Chrysene	n/a	<	0.19	µg/L	EPA 625.1	0.19	1			
2020/21-4	Lab	LCS	6/1/2021	Organic	Chrysene	n/a	=	9.26	µg/L	EPA 625.1	0.19	1			
2020/21-4	Lab	LCS, rec	6/1/2021	Organic	Chrysene	n/a	=	93	%	EPA 625.1	-88	-88	44	140	
2020/21-4	Lab	LCS dup	6/1/2021	Organic	Chrysene	n/a	=	9.87	µg/L	EPA 625.1	0.19	1			
2020/21-4	Lab	LCS dup, rec	6/1/2021	Organic	Chrysene	n/a	=	99	%	EPA 625.1	-88	-88	44	140	
2020/21-4	Lab	LCS, RPD	6/1/2021	Organic	Chrysene	n/a	=	6	%	EPA 625.1	-88	-88	0	30	
2020/21-4	Lab	method blank	6/2/2021	Organic	Chrysene	n/a	<	0.19	µg/L	EPA 625.1	0.19	1			
2020/21-4	Lab	method blank	6/3/2021	Organic	Chrysene	n/a	<	0.032	µg/L	EPA 8270C	0.032	0.1			
2020/21-4	Lab	LCS	6/3/2021	Organic	Chrysene	n/a	=	9.97	µg/L	EPA 8270C	0.032	0.1			
2020/21-4	Lab	LCS, rec	6/3/2021	Organic	Chrysene	n/a	=	100	%	EPA 8270C	-88	-88	32	126	
2020/21-4	Lab	LCS dup	6/3/2021	Organic	Chrysene	n/a	=	10.2	µg/L	EPA 8270C	0.032	0.1			
2020/21-4	Lab	LCS dup, rec	6/3/2021	Organic	Chrysene	n/a	=	102	%	EPA 8270C	-88	-88	32	126	
2020/21-4	Lab	LCS, RPD	6/3/2021	Organic	Chrysene	n/a	=	2	%	EPA 8270C	-88	-88	0	30	
2020/21-4	Lab	method blank	6/17/2021	Organic	Chrysene	n/a	<	0.032	µg/L	EPA 8270C	0.032	0.1			
2020/21-4	Lab	LCS	6/17/2021	Organic	Chrysene	n/a	=	7.33	µg/L	EPA 8270C	0.032	0.1			
2020/21-4	Lab	LCS, rec	6/17/2021	Organic	Chrysene	n/a	=	73	%	EPA 8270C	-88	-88	32	126	
2020/21-4	Lab	LCS dup	6/18/2021	Organic	Chrysene	n/a	=	7.9	µg/L	EPA 8270C	0.032	0.1			
2020/21-4	Lab	LCS dup, rec	6/18/2021	Organic	Chrysene	n/a	=	79	%	EPA 8270C	-88	-88	32	126	
2020/21-4	Lab	LCS, RPD	6/18/2021	Organic	Chrysene	n/a	=	7	%	EPA 8270C	-88	-88	0	30	
2020/21-4	Lab	method blank	5/5/2021	Organic	Dibenz(a,h)anthracene	n/a	<	0.096	µg/L	EPA 8270C	0.096	0.1			
2020/21-4	Lab	LCS	5/5/2021	Organic	Dibenz(a,h)anthracene	n/a	=	11.1	µg/L	EPA 8270C	0.096	0.1			
2020/21-4	Lab	LCS, rec	5/5/2021	Organic	Dibenz(a,h)anthracene	n/a	=	111	%	EPA 8270C	-88	-88	9	147	
2020/21-4	Lab	LCS dup	5/5/2021	Organic	Dibenz(a,h)anthracene	n/a	=	10.3	µg/L	EPA 8270C	0.096	0.1			
2020/21-4	Lab	LCS dup, rec	5/5/2021	Organic	Dibenz(a,h)anthracene	n/a	=	103	%	EPA 8270C	-88	-88	9	147	
2020/21-4	Lab	LCS, RPD	5/5/2021	Organic	Dibenz(a,h)anthracene	n/a	=	7	%	EPA 8270C	-88	-88	0	30	
2020/21-4	Lab	method blank	5/5/2021	Organic	Dibenz(a,h)anthracene	n/a	<	0.096	µg/L	EPA 8270C	0.096	0.1			
2020/21-4	Lab	LCS	5/5/2021	Organic	Dibenz(a,h)anthracene	n/a	=	10.3	µg/L	EPA 8270C	0.096	0.1			
2020/21-4	Lab	LCS, rec	5/5/2021	Organic	Dibenz(a,h)anthracene	n/a	=	103	%	EPA 8270C	-88	-88	9	147	
2020/21-4	Lab	LCS dup	5/5/2021	Organic	Dibenz(a,h)anthracene	n/a	=	10.5	µg/L	EPA 8270C	0.096	0.1			
2020/21-4	Lab	LCS dup, rec	5/5/2021	Organic	Dibenz(a,h)anthracene	n/a	=	105	%	EPA 8270C	-88	-88	9	147	
2020/21-4	Lab	LCS, RPD	5/5/2021	Organic	Dibenz(a,h)anthracene	n/a	=	2	%	EPA 8270C	-88	-88	0	30	
2020/21-4	Lab	LCS	5/18/2021	Organic	Dibenz(a,h)anthracene	n/a	=	10.2	µg/L	EPA 625.1	0.53	2			
2020/21-4	Lab	LCS, rec	5/18/2021	Organic	Dibenz(a,h)anthracene	n/a	=	102	%	EPA 625.1	-88	-88	0.1	200	
2020/21-4	Lab	LCS dup	5/18/2021	Organic	Dibenz(a,h)anthracene	n/a	=	10.2	µg/L	EPA 625.1	0.53	2			
2020/21-4	Lab	LCS dup, rec	5/18/2021	Organic	Dibenz(a,h)anthracene	n/a	=	102	%	EPA 625.1	-88	-88	0.1	200	
2020/21-4	Lab	LCS, RPD	5/18/2021	Organic	Dibenz(a,h)anthracene	n/a	=	0.4	%	EPA 625.1	-88	-88	0	30	
2020/21-4	Lab	method blank	5/18/2021	Organic	Dibenz(a,h)anthracene	n/a	<	0.53	µg/L	EPA 625.1	0.53	2			
2020/21-4	Lab	LCS	5/25/2021	Organic	Dibenz(a,h)anthracene	n/a	=	8.09	µg/L	EPA 625.1	0.53	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	
2020/21-4	Lab	LCS, rec	5/25/2021	Organic	Dibenz(a,h)anthracene	n/a	=	81	%	EPA 625.1	-88	-88	0.1	200	
2020/21-4	Lab	LCS dup	5/25/2021	Organic	Dibenz(a,h)anthracene	n/a	=	8.11	µg/L	EPA 625.1	0.53	2			
2020/21-4	Lab	LCS dup, rec	5/25/2021	Organic	Dibenz(a,h)anthracene	n/a	=	81	%	EPA 625.1	-88	-88	0.1	200	
2020/21-4	Lab	LCS, RPD	5/25/2021	Organic	Dibenz(a,h)anthracene	n/a	=	0.2	%	EPA 625.1	-88	-88	0	30	
2020/21-4	Lab	method blank	5/25/2021	Organic	Dibenz(a,h)anthracene	n/a	<	0.53	µg/L	EPA 625.1	0.53	2			
2020/21-4	Lab	LCS	5/26/2021	Organic	Dibenz(a,h)anthracene	n/a	=	10.8	µg/L	EPA 625.1	0.53	2			
2020/21-4	Lab	LCS, rec	5/26/2021	Organic	Dibenz(a,h)anthracene	n/a	=	108	%	EPA 625.1	-88	-88	0.1	200	
2020/21-4	Lab	LCS dup	5/26/2021	Organic	Dibenz(a,h)anthracene	n/a	=	10.5	µg/L	EPA 625.1	0.53	2			
2020/21-4	Lab	LCS dup, rec	5/26/2021	Organic	Dibenz(a,h)anthracene	n/a	=	105	%	EPA 625.1	-88	-88	0.1	200	
2020/21-4	Lab	LCS, RPD	5/26/2021	Organic	Dibenz(a,h)anthracene	n/a	=	3	%	EPA 625.1	-88	-88	0	30	
2020/21-4	Lab	method blank	5/27/2021	Organic	Dibenz(a,h)anthracene	n/a	<	0.53	µg/L	EPA 625.1	0.53	2			
2020/21-4	Lab	LCS	5/27/2021	Organic	Dibenz(a,h)anthracene	n/a	=	10.6	µg/L	EPA 625.1	0.53	2			
2020/21-4	Lab	LCS, rec	5/27/2021	Organic	Dibenz(a,h)anthracene	n/a	=	106	%	EPA 625.1	-88	-88	0.1	200	
2020/21-4	Lab	LCS dup	5/27/2021	Organic	Dibenz(a,h)anthracene	n/a	=	11.1	µg/L	EPA 625.1	0.53	2			
2020/21-4	Lab	LCS dup, rec	5/27/2021	Organic	Dibenz(a,h)anthracene	n/a	=	111	%	EPA 625.1	-88	-88	0.1	200	
2020/21-4	Lab	LCS, RPD	5/27/2021	Organic	Dibenz(a,h)anthracene	n/a	=	4	%	EPA 625.1	-88	-88	0	30	
2020/21-4	Lab	method blank	5/27/2021	Organic	Dibenz(a,h)anthracene	n/a	<	0.53	µg/L	EPA 625.1	0.53	2			
2020/21-4	Lab	LCS	6/1/2021	Organic	Dibenz(a,h)anthracene	n/a	=	9.81	µg/L	EPA 625.1	0.53	2			
2020/21-4	Lab	LCS, rec	6/1/2021	Organic	Dibenz(a,h)anthracene	n/a	=	98	%	EPA 625.1	-88	-88	0.1	200	
2020/21-4	Lab	LCS dup	6/1/2021	Organic	Dibenz(a,h)anthracene	n/a	=	11	µg/L	EPA 625.1	0.53	2			
2020/21-4	Lab	LCS dup, rec	6/1/2021	Organic	Dibenz(a,h)anthracene	n/a	=	110	%	EPA 625.1	-88	-88	0.1	200	
2020/21-4	Lab	LCS, RPD	6/1/2021	Organic	Dibenz(a,h)anthracene	n/a	=	11	%	EPA 625.1	-88	-88	0	30	
2020/21-4	Lab	method blank	6/2/2021	Organic	Dibenz(a,h)anthracene	n/a	<	0.53	µg/L	EPA 625.1	0.53	2			
2020/21-4	Lab	method blank	6/3/2021	Organic	Dibenz(a,h)anthracene	n/a	<	0.096	µg/L	EPA 8270C	0.096	0.1			
2020/21-4	Lab	LCS	6/3/2021	Organic	Dibenz(a,h)anthracene	n/a	=	9.55	µg/L	EPA 8270C	0.096	0.1			
2020/21-4	Lab	LCS, rec	6/3/2021	Organic	Dibenz(a,h)anthracene	n/a	=	95	%	EPA 8270C	-88	-88	9	147	
2020/21-4	Lab	LCS dup	6/3/2021	Organic	Dibenz(a,h)anthracene	n/a	=	9.62	µg/L	EPA 8270C	0.096	0.1			
2020/21-4	Lab	LCS dup, rec	6/3/2021	Organic	Dibenz(a,h)anthracene	n/a	=	96	%	EPA 8270C	-88	-88	9	147	
2020/21-4	Lab	LCS, RPD	6/3/2021	Organic	Dibenz(a,h)anthracene	n/a	=	0.8	%	EPA 8270C	-88	-88	0	30	
2020/21-4	Lab	method blank	6/17/2021	Organic	Dibenz(a,h)anthracene	n/a	<	0.096	µg/L	EPA 8270C	0.096	0.1			
2020/21-4	Lab	LCS	6/17/2021	Organic	Dibenz(a,h)anthracene	n/a	=	6.91	µg/L	EPA 8270C	0.096	0.1			
2020/21-4	Lab	LCS, rec	6/17/2021	Organic	Dibenz(a,h)anthracene	n/a	=	69	%	EPA 8270C	-88	-88	9	147	
2020/21-4	Lab	LCS dup	6/18/2021	Organic	Dibenz(a,h)anthracene	n/a	=	7.38	µg/L	EPA 8270C	0.096	0.1			
2020/21-4	Lab	LCS dup, rec	6/18/2021	Organic	Dibenz(a,h)anthracene	n/a	=	74	%	EPA 8270C	-88	-88	9	147	
2020/21-4	Lab	LCS, RPD	6/18/2021	Organic	Dibenz(a,h)anthracene	n/a	=	7	%	EPA 8270C	-88	-88	0	30	
2020/21-4	Lab	LCS	5/18/2021	Organic	Diethyl phthalate	n/a	=	9.99	µg/L	EPA 625.1	0.15	1			
2020/21-4	Lab	LCS, rec	5/18/2021	Organic	Diethyl phthalate	n/a	=	100	%	EPA 625.1	-88	-88	0.1	120	
2020/21-4	Lab	LCS dup	5/18/2021	Organic	Diethyl phthalate	n/a	=	9.14	µg/L	EPA 625.1	0.15	1			
2020/21-4	Lab	LCS dup, rec	5/18/2021	Organic	Diethyl phthalate	n/a	=	91	%	EPA 625.1	-88	-88	0.1	120	
2020/21-4	Lab	LCS, RPD	5/18/2021	Organic	Diethyl phthalate	n/a	=	9	%	EPA 625.1	-88	-88	0	30	
2020/21-4	Lab	method blank	5/18/2021	Organic	Diethyl phthalate	n/a	<	0.15	µg/L	EPA 625.1	0.15	1			
2020/21-4	Lab	LCS	5/25/2021	Organic	Diethyl phthalate	n/a	=	7.3	µg/L	EPA 625.1	0.15	1			
2020/21-4	Lab	LCS, rec	5/25/2021	Organic	Diethyl phthalate	n/a	=	73	%	EPA 625.1	-88	-88	0.1	120	
2020/21-4	Lab	LCS dup	5/25/2021	Organic	Diethyl phthalate	n/a	=	8.14	µg/L	EPA 625.1	0.15	1			
2020/21-4	Lab	LCS dup, rec	5/25/2021	Organic	Diethyl phthalate	n/a	=	81	%	EPA 625.1	-88	-88	0.1	120	
2020/21-4	Lab	LCS, RPD	5/25/2021	Organic	Diethyl phthalate	n/a	=	11	%	EPA 625.1	-88	-88	0	30	
2020/21-4	Lab	method blank	5/25/2021	Organic	Diethyl phthalate	n/a	<	0.15	µg/L	EPA 625.1	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	
2020/21-4	Lab	LCS	5/26/2021	Organic	Diethyl phthalate	n/a	=	10.3	µg/L	EPA 625.1	0.15	1			
2020/21-4	Lab	LCS, rec	5/26/2021	Organic	Diethyl phthalate	n/a	=	103	%	EPA 625.1	-88	-88	0.1	120	
2020/21-4	Lab	LCS dup	5/26/2021	Organic	Diethyl phthalate	n/a	=	8.18	µg/L	EPA 625.1	0.15	1			
2020/21-4	Lab	LCS dup, rec	5/26/2021	Organic	Diethyl phthalate	n/a	=	82	%	EPA 625.1	-88	-88	0.1	120	
2020/21-4	Lab	LCS, RPD	5/26/2021	Organic	Diethyl phthalate	n/a	=	22	%	EPA 625.1	-88	-88	0	30	
2020/21-4	Lab	method blank	5/27/2021	Organic	Diethyl phthalate	n/a	<	0.15	µg/L	EPA 625.1	0.15	1			
2020/21-4	Lab	LCS	5/27/2021	Organic	Diethyl phthalate	n/a	=	8.86	µg/L	EPA 625.1	0.15	1			
2020/21-4	Lab	LCS, rec	5/27/2021	Organic	Diethyl phthalate	n/a	=	89	%	EPA 625.1	-88	-88	0.1	120	
2020/21-4	Lab	LCS dup	5/27/2021	Organic	Diethyl phthalate	n/a	=	9.48	µg/L	EPA 625.1	0.15	1			
2020/21-4	Lab	LCS dup, rec	5/27/2021	Organic	Diethyl phthalate	n/a	=	95	%	EPA 625.1	-88	-88	0.1	120	
2020/21-4	Lab	LCS, RPD	5/27/2021	Organic	Diethyl phthalate	n/a	=	7	%	EPA 625.1	-88	-88	0	30	
2020/21-4	Lab	method blank	5/27/2021	Organic	Diethyl phthalate	n/a	<	0.15	µg/L	EPA 625.1	0.15	1			
2020/21-4	Lab	LCS	6/1/2021	Organic	Diethyl phthalate	n/a	=	7.9	µg/L	EPA 625.1	0.15	1			
2020/21-4	Lab	LCS, rec	6/1/2021	Organic	Diethyl phthalate	n/a	=	79	%	EPA 625.1	-88	-88	0.1	120	
2020/21-4	Lab	LCS dup	6/1/2021	Organic	Diethyl phthalate	n/a	=	8.93	µg/L	EPA 625.1	0.15	1			
2020/21-4	Lab	LCS dup, rec	6/1/2021	Organic	Diethyl phthalate	n/a	=	89	%	EPA 625.1	-88	-88	0.1	120	
2020/21-4	Lab	LCS, RPD	6/1/2021	Organic	Diethyl phthalate	n/a	=	12	%	EPA 625.1	-88	-88	0	30	
2020/21-4	Lab	method blank	6/2/2021	Organic	Diethyl phthalate	n/a	<	0.15	µg/L	EPA 625.1	0.15	1			
2020/21-4	Lab	LCS	5/18/2021	Organic	Dimethyl phthalate	n/a	=	9.32	µg/L	EPA 625.1	0.18	1			
2020/21-4	Lab	LCS, rec	5/18/2021	Organic	Dimethyl phthalate	n/a	=	93	%	EPA 625.1	-88	-88	0.1	120	
2020/21-4	Lab	LCS dup	5/18/2021	Organic	Dimethyl phthalate	n/a	=	8.15	µg/L	EPA 625.1	0.18	1			
2020/21-4	Lab	LCS dup, rec	5/18/2021	Organic	Dimethyl phthalate	n/a	=	81	%	EPA 625.1	-88	-88	0.1	120	
2020/21-4	Lab	LCS, RPD	5/18/2021	Organic	Dimethyl phthalate	n/a	=	13	%	EPA 625.1	-88	-88	0	30	
2020/21-4	Lab	method blank	5/18/2021	Organic	Dimethyl phthalate	n/a	<	0.18	µg/L	EPA 625.1	0.18	1			
2020/21-4	Lab	LCS	5/25/2021	Organic	Dimethyl phthalate	n/a	=	5.97	µg/L	EPA 625.1	0.18	1			
2020/21-4	Lab	LCS, rec	5/25/2021	Organic	Dimethyl phthalate	n/a	=	60	%	EPA 625.1	-88	-88	0.1	120	
2020/21-4	Lab	LCS dup	5/25/2021	Organic	Dimethyl phthalate	n/a	=	6.55	µg/L	EPA 625.1	0.18	1			
2020/21-4	Lab	LCS dup, rec	5/25/2021	Organic	Dimethyl phthalate	n/a	=	66	%	EPA 625.1	-88	-88	0.1	120	
2020/21-4	Lab	LCS, RPD	5/25/2021	Organic	Dimethyl phthalate	n/a	=	9	%	EPA 625.1	-88	-88	0	30	
2020/21-4	Lab	method blank	5/25/2021	Organic	Dimethyl phthalate	n/a	<	0.18	µg/L	EPA 625.1	0.18	1			
2020/21-4	Lab	LCS	5/26/2021	Organic	Dimethyl phthalate	n/a	=	8.9	µg/L	EPA 625.1	0.18	1			
2020/21-4	Lab	LCS, rec	5/26/2021	Organic	Dimethyl phthalate	n/a	=	89	%	EPA 625.1	-88	-88	0.1	120	
2020/21-4	Lab	LCS dup	5/26/2021	Organic	Dimethyl phthalate	n/a	=	6.59	µg/L	EPA 625.1	0.18	1			
2020/21-4	Lab	LCS dup, rec	5/26/2021	Organic	Dimethyl phthalate	n/a	=	66	%	EPA 625.1	-88	-88	0.1	120	
2020/21-4	Lab	LCS, RPD	5/26/2021	Organic	Dimethyl phthalate	n/a	=	30	%	EPA 625.1	-88	-88	0	30	
2020/21-4	Lab	method blank	5/27/2021	Organic	Dimethyl phthalate	n/a	<	0.18	µg/L	EPA 625.1	0.18	1			
2020/21-4	Lab	LCS	5/27/2021	Organic	Dimethyl phthalate	n/a	=	8.5	µg/L	EPA 625.1	0.18	1			
2020/21-4	Lab	LCS, rec	5/27/2021	Organic	Dimethyl phthalate	n/a	=	85	%	EPA 625.1	-88	-88	0.1	120	
2020/21-4	Lab	LCS dup	5/27/2021	Organic	Dimethyl phthalate	n/a	=	8.75	µg/L	EPA 625.1	0.18	1			
2020/21-4	Lab	LCS dup, rec	5/27/2021	Organic	Dimethyl phthalate	n/a	=	87	%	EPA 625.1	-88	-88	0.1	120	
2020/21-4	Lab	LCS, RPD	5/27/2021	Organic	Dimethyl phthalate	n/a	=	3	%	EPA 625.1	-88	-88	0	30	
2020/21-4	Lab	method blank	5/27/2021	Organic	Dimethyl phthalate	n/a	<	0.18	µg/L	EPA 625.1	0.18	1			
2020/21-4	Lab	LCS	6/1/2021	Organic	Dimethyl phthalate	n/a	=	6.88	µg/L	EPA 625.1	0.18	1			
2020/21-4	Lab	LCS, rec	6/1/2021	Organic	Dimethyl phthalate	n/a	=	69	%	EPA 625.1	-88	-88	0.1	120	
2020/21-4	Lab	LCS dup	6/1/2021	Organic	Dimethyl phthalate	n/a	=	8.26	µg/L	EPA 625.1	0.18	1			
2020/21-4	Lab	LCS dup, rec	6/1/2021	Organic	Dimethyl phthalate	n/a	=	83	%	EPA 625.1	-88	-88	0.1	120	
2020/21-4	Lab	LCS, RPD	6/1/2021	Organic	Dimethyl phthalate	n/a	=	18	%	EPA 625.1	-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	
2020/21-4	Lab	method blank	6/2/2021	Organic	Dimethyl phthalate	n/a	<	0.18	µg/L	EPA 625.1	0.18	1			
2020/21-4	Lab	LCS	5/18/2021	Organic	Di-n-butylphthalate	n/a	=	10.9	µg/L	EPA 625.1	0.1	1			
2020/21-4	Lab	LCS, rec	5/18/2021	Organic	Di-n-butylphthalate	n/a	=	109	%	EPA 625.1	-88	-88	8	120	
2020/21-4	Lab	LCS dup	5/18/2021	Organic	Di-n-butylphthalate	n/a	=	10.6	µg/L	EPA 625.1	0.1	1			
2020/21-4	Lab	LCS dup, rec	5/18/2021	Organic	Di-n-butylphthalate	n/a	=	106	%	EPA 625.1	-88	-88	8	120	
2020/21-4	Lab	LCS, RPD	5/18/2021	Organic	Di-n-butylphthalate	n/a	=	2	%	EPA 625.1	-88	-88	0	30	
2020/21-4	Lab	method blank	5/18/2021	Organic	Di-n-butylphthalate	n/a	<	0.1	µg/L	EPA 625.1	0.1	1			
2020/21-4	Lab	LCS	5/25/2021	Organic	Di-n-butylphthalate	n/a	=	9.61	µg/L	EPA 625.1	0.1	1			
2020/21-4	Lab	LCS, rec	5/25/2021	Organic	Di-n-butylphthalate	n/a	=	96	%	EPA 625.1	-88	-88	8	120	
2020/21-4	Lab	LCS dup	5/25/2021	Organic	Di-n-butylphthalate	n/a	=	10.3	µg/L	EPA 625.1	0.1	1			
2020/21-4	Lab	LCS dup, rec	5/25/2021	Organic	Di-n-butylphthalate	n/a	=	103	%	EPA 625.1	-88	-88	8	120	
2020/21-4	Lab	LCS, RPD	5/25/2021	Organic	Di-n-butylphthalate	n/a	=	7	%	EPA 625.1	-88	-88	0	30	
2020/21-4	Lab	method blank	5/25/2021	Organic	Di-n-butylphthalate	n/a	<	0.1	µg/L	EPA 625.1	0.1	1			
2020/21-4	Lab	LCS	5/26/2021	Organic	Di-n-butylphthalate	n/a	=	12.4	µg/L	EPA 625.1	0.1	1			EUM
2020/21-4	Lab	LCS, rec	5/26/2021	Organic	Di-n-butylphthalate	n/a	=	124	%	EPA 625.1	-88	-88	8	120	EUM
2020/21-4	Lab	LCS dup	5/26/2021	Organic	Di-n-butylphthalate	n/a	=	11.2	µg/L	EPA 625.1	0.1	1			
2020/21-4	Lab	LCS dup, rec	5/26/2021	Organic	Di-n-butylphthalate	n/a	=	112	%	EPA 625.1	-88	-88	8	120	
2020/21-4	Lab	LCS, RPD	5/26/2021	Organic	Di-n-butylphthalate	n/a	=	10	%	EPA 625.1	-88	-88	0	30	
2020/21-4	Lab	method blank	5/27/2021	Organic	Di-n-butylphthalate	n/a	<	0.1	µg/L	EPA 625.1	0.1	1			
2020/21-4	Lab	LCS	5/27/2021	Organic	Di-n-butylphthalate	n/a	=	11.9	µg/L	EPA 625.1	0.1	1			
2020/21-4	Lab	LCS, rec	5/27/2021	Organic	Di-n-butylphthalate	n/a	=	119	%	EPA 625.1	-88	-88	8	120	
2020/21-4	Lab	LCS dup	5/27/2021	Organic	Di-n-butylphthalate	n/a	=	11.8	µg/L	EPA 625.1	0.1	1			
2020/21-4	Lab	LCS dup, rec	5/27/2021	Organic	Di-n-butylphthalate	n/a	=	118	%	EPA 625.1	-88	-88	8	120	
2020/21-4	Lab	LCS, RPD	5/27/2021	Organic	Di-n-butylphthalate	n/a	=	0.5	%	EPA 625.1	-88	-88	0	30	
2020/21-4	Lab	method blank	5/27/2021	Organic	Di-n-butylphthalate	n/a	<	0.1	µg/L	EPA 625.1	0.1	1			
2020/21-4	Lab	LCS	6/1/2021	Organic	Di-n-butylphthalate	n/a	=	10.5	µg/L	EPA 625.1	0.1	1			
2020/21-4	Lab	LCS, rec	6/1/2021	Organic	Di-n-butylphthalate	n/a	=	105	%	EPA 625.1	-88	-88	8	120	
2020/21-4	Lab	LCS dup	6/1/2021	Organic	Di-n-butylphthalate	n/a	=	11.5	µg/L	EPA 625.1	0.1	1			
2020/21-4	Lab	LCS dup, rec	6/1/2021	Organic	Di-n-butylphthalate	n/a	=	115	%	EPA 625.1	-88	-88	8	120	
2020/21-4	Lab	LCS, RPD	6/1/2021	Organic	Di-n-butylphthalate	n/a	=	9	%	EPA 625.1	-88	-88	0	30	
2020/21-4	Lab	method blank	6/2/2021	Organic	Di-n-butylphthalate	n/a	<	0.1	µg/L	EPA 625.1	0.1	1			
2020/21-4	Lab	LCS	5/18/2021	Organic	Di-n-octylphthalate	n/a	=	11.3	µg/L	EPA 625.1	0.46	1			
2020/21-4	Lab	LCS, rec	5/18/2021	Organic	Di-n-octylphthalate	n/a	=	113	%	EPA 625.1	-88	-88	19	132	
2020/21-4	Lab	LCS dup	5/18/2021	Organic	Di-n-octylphthalate	n/a	=	11.5	µg/L	EPA 625.1	0.46	1			
2020/21-4	Lab	LCS dup, rec	5/18/2021	Organic	Di-n-octylphthalate	n/a	=	115	%	EPA 625.1	-88	-88	19	132	
2020/21-4	Lab	LCS, RPD	5/18/2021	Organic	Di-n-octylphthalate	n/a	=	1	%	EPA 625.1	-88	-88	0	30	
2020/21-4	Lab	method blank	5/18/2021	Organic	Di-n-octylphthalate	n/a	<	0.46	µg/L	EPA 625.1	0.46	1			
2020/21-4	Lab	LCS	5/25/2021	Organic	Di-n-octylphthalate	n/a	=	9.5	µg/L	EPA 625.1	0.46	1			
2020/21-4	Lab	LCS, rec	5/25/2021	Organic	Di-n-octylphthalate	n/a	=	95	%	EPA 625.1	-88	-88	19	132	
2020/21-4	Lab	LCS dup	5/25/2021	Organic	Di-n-octylphthalate	n/a	=	10	µg/L	EPA 625.1	0.46	1			
2020/21-4	Lab	LCS dup, rec	5/25/2021	Organic	Di-n-octylphthalate	n/a	=	100	%	EPA 625.1	-88	-88	19	132	
2020/21-4	Lab	LCS, RPD	5/25/2021	Organic	Di-n-octylphthalate	n/a	=	5	%	EPA 625.1	-88	-88	0	30	
2020/21-4	Lab	method blank	5/25/2021	Organic	Di-n-octylphthalate	n/a	<	0.46	µg/L	EPA 625.1	0.46	1			
2020/21-4	Lab	LCS	5/26/2021	Organic	Di-n-octylphthalate	n/a	=	12.4	µg/L	EPA 625.1	0.46	1			
2020/21-4	Lab	LCS, rec	5/26/2021	Organic	Di-n-octylphthalate	n/a	=	124	%	EPA 625.1	-88	-88	19	132	
2020/21-4	Lab	LCS dup	5/26/2021	Organic	Di-n-octylphthalate	n/a	=	11.4	µg/L	EPA 625.1	0.46	1			
2020/21-4	Lab	LCS dup, rec	5/26/2021	Organic	Di-n-octylphthalate	n/a	=	114	%	EPA 625.1	-88	-88	19	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	
2020/21-4	Lab	LCS, RPD	5/26/2021	Organic	Di-n-octylphthalate	n/a	=	8	%	EPA 625.1	-88	-88	0	30	
2020/21-4	Lab	method blank	5/27/2021	Organic	Di-n-octylphthalate	n/a	<	0.46	µg/L	EPA 625.1	0.46	1			
2020/21-4	Lab	LCS	5/27/2021	Organic	Di-n-octylphthalate	n/a	=	12.3	µg/L	EPA 625.1	0.46	1			
2020/21-4	Lab	LCS, rec	5/27/2021	Organic	Di-n-octylphthalate	n/a	=	123	%	EPA 625.1	-88	-88	19	132	
2020/21-4	Lab	LCS dup	5/27/2021	Organic	Di-n-octylphthalate	n/a	=	12.7	µg/L	EPA 625.1	0.46	1			
2020/21-4	Lab	LCS dup, rec	5/27/2021	Organic	Di-n-octylphthalate	n/a	=	127	%	EPA 625.1	-88	-88	19	132	
2020/21-4	Lab	LCS, RPD	5/27/2021	Organic	Di-n-octylphthalate	n/a	=	3	%	EPA 625.1	-88	-88	0	30	
2020/21-4	Lab	method blank	5/27/2021	Organic	Di-n-octylphthalate	n/a	<	0.46	µg/L	EPA 625.1	0.46	1			
2020/21-4	Lab	LCS	6/1/2021	Organic	Di-n-octylphthalate	n/a	=	11.6	µg/L	EPA 625.1	0.46	1			
2020/21-4	Lab	LCS, rec	6/1/2021	Organic	Di-n-octylphthalate	n/a	=	116	%	EPA 625.1	-88	-88	19	132	
2020/21-4	Lab	LCS dup	6/1/2021	Organic	Di-n-octylphthalate	n/a	=	12.7	µg/L	EPA 625.1	0.46	1			
2020/21-4	Lab	LCS dup, rec	6/1/2021	Organic	Di-n-octylphthalate	n/a	=	127	%	EPA 625.1	-88	-88	19	132	
2020/21-4	Lab	LCS, RPD	6/1/2021	Organic	Di-n-octylphthalate	n/a	=	9	%	EPA 625.1	-88	-88	0	30	
2020/21-4	Lab	method blank	6/2/2021	Organic	Di-n-octylphthalate	n/a	<	0.46	µg/L	EPA 625.1	0.46	1			
2020/21-4	Lab	method blank	5/5/2021	Organic	Fluoranthene	n/a	<	0.039	µg/L	EPA 8270C	0.039	0.1			
2020/21-4	Lab	LCS	5/5/2021	Organic	Fluoranthene	n/a	=	11.6	µg/L	EPA 8270C	0.039	0.1			
2020/21-4	Lab	LCS, rec	5/5/2021	Organic	Fluoranthene	n/a	=	116	%	EPA 8270C	-88	-88	22	131	
2020/21-4	Lab	LCS dup	5/5/2021	Organic	Fluoranthene	n/a	=	10.6	µg/L	EPA 8270C	0.039	0.1			
2020/21-4	Lab	LCS dup, rec	5/5/2021	Organic	Fluoranthene	n/a	=	106	%	EPA 8270C	-88	-88	22	131	
2020/21-4	Lab	LCS, RPD	5/5/2021	Organic	Fluoranthene	n/a	=	10	%	EPA 8270C	-88	-88	0	30	
2020/21-4	Lab	method blank	5/5/2021	Organic	Fluoranthene	n/a	<	0.039	µg/L	EPA 8270C	0.039	0.1			
2020/21-4	Lab	LCS	5/5/2021	Organic	Fluoranthene	n/a	=	10.5	µg/L	EPA 8270C	0.039	0.1			
2020/21-4	Lab	LCS, rec	5/5/2021	Organic	Fluoranthene	n/a	=	105	%	EPA 8270C	-88	-88	22	131	
2020/21-4	Lab	LCS dup	5/5/2021	Organic	Fluoranthene	n/a	=	10.6	µg/L	EPA 8270C	0.039	0.1			
2020/21-4	Lab	LCS dup, rec	5/5/2021	Organic	Fluoranthene	n/a	=	106	%	EPA 8270C	-88	-88	22	131	
2020/21-4	Lab	LCS, RPD	5/5/2021	Organic	Fluoranthene	n/a	=	1	%	EPA 8270C	-88	-88	0	30	
2020/21-4	Lab	LCS	5/18/2021	Organic	Fluoranthene	n/a	=	8.85	µg/L	EPA 625.1	0.08	1			
2020/21-4	Lab	LCS, rec	5/18/2021	Organic	Fluoranthene	n/a	=	88	%	EPA 625.1	-88	-88	43	121	
2020/21-4	Lab	LCS dup	5/18/2021	Organic	Fluoranthene	n/a	=	8.81	µg/L	EPA 625.1	0.08	1			
2020/21-4	Lab	LCS dup, rec	5/18/2021	Organic	Fluoranthene	n/a	=	88	%	EPA 625.1	-88	-88	43	121	
2020/21-4	Lab	LCS, RPD	5/18/2021	Organic	Fluoranthene	n/a	=	0.5	%	EPA 625.1	-88	-88	0	30	
2020/21-4	Lab	method blank	5/18/2021	Organic	Fluoranthene	n/a	<	0.08	µg/L	EPA 625.1	0.08	1			
2020/21-4	Lab	LCS	5/25/2021	Organic	Fluoranthene	n/a	=	7.91	µg/L	EPA 625.1	0.08	1			
2020/21-4	Lab	LCS, rec	5/25/2021	Organic	Fluoranthene	n/a	=	79	%	EPA 625.1	-88	-88	43	121	
2020/21-4	Lab	LCS dup	5/25/2021	Organic	Fluoranthene	n/a	=	8.46	µg/L	EPA 625.1	0.08	1			
2020/21-4	Lab	LCS dup, rec	5/25/2021	Organic	Fluoranthene	n/a	=	85	%	EPA 625.1	-88	-88	43	121	
2020/21-4	Lab	LCS, RPD	5/25/2021	Organic	Fluoranthene	n/a	=	7	%	EPA 625.1	-88	-88	0	30	
2020/21-4	Lab	method blank	5/25/2021	Organic	Fluoranthene	n/a	<	0.08	µg/L	EPA 625.1	0.08	1			
2020/21-4	Lab	LCS	5/26/2021	Organic	Fluoranthene	n/a	=	10.3	µg/L	EPA 625.1	0.08	1			
2020/21-4	Lab	LCS, rec	5/26/2021	Organic	Fluoranthene	n/a	=	103	%	EPA 625.1	-88	-88	43	121	
2020/21-4	Lab	LCS dup	5/26/2021	Organic	Fluoranthene	n/a	=	9.41	µg/L	EPA 625.1	0.08	1			
2020/21-4	Lab	LCS dup, rec	5/26/2021	Organic	Fluoranthene	n/a	=	94	%	EPA 625.1	-88	-88	43	121	
2020/21-4	Lab	LCS, RPD	5/26/2021	Organic	Fluoranthene	n/a	=	9	%	EPA 625.1	-88	-88	0	30	
2020/21-4	Lab	method blank	5/27/2021	Organic	Fluoranthene	n/a	<	0.08	µg/L	EPA 625.1	0.08	1			
2020/21-4	Lab	LCS	5/27/2021	Organic	Fluoranthene	n/a	=	9.92	µg/L	EPA 625.1	0.08	1			
2020/21-4	Lab	LCS, rec	5/27/2021	Organic	Fluoranthene	n/a	=	99	%	EPA 625.1	-88	-88	43	121	
2020/21-4	Lab	LCS dup	5/27/2021	Organic	Fluoranthene	n/a	=	10	µg/L	EPA 625.1	0.08	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	
2020/21-4	Lab	LCS dup. rec	5/27/2021	Organic	Fluoranthene	n/a	=	100	%	EPA 625.1	-88	-88	43	121	
2020/21-4	Lab	LCS, RPD	5/27/2021	Organic	Fluoranthene	n/a	=	0.9	%	EPA 625.1	-88	-88	0	30	
2020/21-4	Lab	method blank	5/27/2021	Organic	Fluoranthene	n/a	<	0.08	µg/L	EPA 625.1	0.08	1			
2020/21-4	Lab	LCS	6/1/2021	Organic	Fluoranthene	n/a	=	8.94	µg/L	EPA 625.1	0.08	1			
2020/21-4	Lab	LCS, rec	6/1/2021	Organic	Fluoranthene	n/a	=	89	%	EPA 625.1	-88	-88	43	121	
2020/21-4	Lab	LCS dup	6/1/2021	Organic	Fluoranthene	n/a	=	9.6	µg/L	EPA 625.1	0.08	1			
2020/21-4	Lab	LCS dup. rec	6/1/2021	Organic	Fluoranthene	n/a	=	96	%	EPA 625.1	-88	-88	43	121	
2020/21-4	Lab	LCS, RPD	6/1/2021	Organic	Fluoranthene	n/a	=	7	%	EPA 625.1	-88	-88	0	30	
2020/21-4	Lab	method blank	6/2/2021	Organic	Fluoranthene	n/a	<	0.08	µg/L	EPA 625.1	0.08	1			
2020/21-4	Lab	method blank	6/3/2021	Organic	Fluoranthene	n/a	<	0.039	µg/L	EPA 8270C	0.039	0.1			
2020/21-4	Lab	LCS	6/3/2021	Organic	Fluoranthene	n/a	=	10.8	µg/L	EPA 8270C	0.039	0.1			
2020/21-4	Lab	LCS, rec	6/3/2021	Organic	Fluoranthene	n/a	=	108	%	EPA 8270C	-88	-88	22	131	
2020/21-4	Lab	LCS dup	6/3/2021	Organic	Fluoranthene	n/a	=	10.5	µg/L	EPA 8270C	0.039	0.1			
2020/21-4	Lab	LCS dup. rec	6/3/2021	Organic	Fluoranthene	n/a	=	105	%	EPA 8270C	-88	-88	22	131	
2020/21-4	Lab	LCS, RPD	6/3/2021	Organic	Fluoranthene	n/a	=	3	%	EPA 8270C	-88	-88	0	30	
2020/21-4	Lab	method blank	6/17/2021	Organic	Fluoranthene	n/a	<	0.039	µg/L	EPA 8270C	0.039	0.1			
2020/21-4	Lab	LCS	6/17/2021	Organic	Fluoranthene	n/a	=	8.35	µg/L	EPA 8270C	0.039	0.1			
2020/21-4	Lab	LCS, rec	6/17/2021	Organic	Fluoranthene	n/a	=	83	%	EPA 8270C	-88	-88	22	131	
2020/21-4	Lab	LCS dup	6/18/2021	Organic	Fluoranthene	n/a	=	9.19	µg/L	EPA 8270C	0.039	0.1			
2020/21-4	Lab	LCS dup. rec	6/18/2021	Organic	Fluoranthene	n/a	=	92	%	EPA 8270C	-88	-88	22	131	
2020/21-4	Lab	LCS, RPD	6/18/2021	Organic	Fluoranthene	n/a	=	10	%	EPA 8270C	-88	-88	0	30	
2020/21-4	Lab	method blank	5/5/2021	Organic	Fluorene	n/a	<	0.029	µg/L	EPA 8270C	0.029	0.1			
2020/21-4	Lab	LCS	5/5/2021	Organic	Fluorene	n/a	=	10.1	µg/L	EPA 8270C	0.029	0.1			
2020/21-4	Lab	LCS, rec	5/5/2021	Organic	Fluorene	n/a	=	101	%	EPA 8270C	-88	-88	19	122	
2020/21-4	Lab	LCS dup	5/5/2021	Organic	Fluorene	n/a	=	8.71	µg/L	EPA 8270C	0.029	0.1			
2020/21-4	Lab	LCS dup. rec	5/5/2021	Organic	Fluorene	n/a	=	87	%	EPA 8270C	-88	-88	19	122	
2020/21-4	Lab	LCS, RPD	5/5/2021	Organic	Fluorene	n/a	=	15	%	EPA 8270C	-88	-88	0	30	
2020/21-4	Lab	method blank	5/5/2021	Organic	Fluorene	n/a	<	0.029	µg/L	EPA 8270C	0.029	0.1			
2020/21-4	Lab	LCS	5/5/2021	Organic	Fluorene	n/a	=	8.71	µg/L	EPA 8270C	0.029	0.1			
2020/21-4	Lab	LCS, rec	5/5/2021	Organic	Fluorene	n/a	=	87	%	EPA 8270C	-88	-88	19	122	
2020/21-4	Lab	LCS dup	5/5/2021	Organic	Fluorene	n/a	=	9.31	µg/L	EPA 8270C	0.029	0.1			
2020/21-4	Lab	LCS dup. rec	5/5/2021	Organic	Fluorene	n/a	=	93	%	EPA 8270C	-88	-88	19	122	
2020/21-4	Lab	LCS, RPD	5/5/2021	Organic	Fluorene	n/a	=	7	%	EPA 8270C	-88	-88	0	30	
2020/21-4	Lab	LCS	5/18/2021	Organic	Fluorene	n/a	=	9.62	µg/L	EPA 625.1	0.35	1			
2020/21-4	Lab	LCS, rec	5/18/2021	Organic	Fluorene	n/a	=	96	%	EPA 625.1	-88	-88	70	120	
2020/21-4	Lab	LCS dup	5/18/2021	Organic	Fluorene	n/a	=	8.61	µg/L	EPA 625.1	0.35	1			
2020/21-4	Lab	LCS dup. rec	5/18/2021	Organic	Fluorene	n/a	=	86	%	EPA 625.1	-88	-88	70	120	
2020/21-4	Lab	LCS, RPD	5/18/2021	Organic	Fluorene	n/a	=	11	%	EPA 625.1	-88	-88	0	30	
2020/21-4	Lab	method blank	5/18/2021	Organic	Fluorene	n/a	<	0.35	µg/L	EPA 625.1	0.35	1			
2020/21-4	Lab	LCS	5/25/2021	Organic	Fluorene	n/a	=	7.24	µg/L	EPA 625.1	0.35	1			
2020/21-4	Lab	LCS, rec	5/25/2021	Organic	Fluorene	n/a	=	72	%	EPA 625.1	-88	-88	70	120	
2020/21-4	Lab	LCS dup	5/25/2021	Organic	Fluorene	n/a	=	7.81	µg/L	EPA 625.1	0.35	1			
2020/21-4	Lab	LCS dup. rec	5/25/2021	Organic	Fluorene	n/a	=	78	%	EPA 625.1	-88	-88	70	120	
2020/21-4	Lab	LCS, RPD	5/25/2021	Organic	Fluorene	n/a	=	8	%	EPA 625.1	-88	-88	0	30	
2020/21-4	Lab	method blank	5/25/2021	Organic	Fluorene	n/a	<	0.35	µg/L	EPA 625.1	0.35	1			
2020/21-4	Lab	LCS	5/26/2021	Organic	Fluorene	n/a	=	10.2	µg/L	EPA 625.1	0.35	1			
2020/21-4	Lab	LCS, rec	5/26/2021	Organic	Fluorene	n/a	=	102	%	EPA 625.1	-88	-88	70	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	
2020/21-4	Lab	LCS dup	5/26/2021	Organic	Fluorene	n/a	=	7.99	µg/L	EPA 625.1	0.35	1			
2020/21-4	Lab	LCS dup, rec	5/26/2021	Organic	Fluorene	n/a	=	80	%	EPA 625.1	-88	-88	70	120	
2020/21-4	Lab	LCS, RPD	5/26/2021	Organic	Fluorene	n/a	=	24	%	EPA 625.1	-88	-88	0	30	
2020/21-4	Lab	method blank	5/27/2021	Organic	Fluorene	n/a	<	0.35	µg/L	EPA 625.1	0.35	1			
2020/21-4	Lab	LCS	5/27/2021	Organic	Fluorene	n/a	=	8.73	µg/L	EPA 625.1	0.35	1			
2020/21-4	Lab	LCS, rec	5/27/2021	Organic	Fluorene	n/a	=	87	%	EPA 625.1	-88	-88	70	120	
2020/21-4	Lab	LCS dup	5/27/2021	Organic	Fluorene	n/a	=	9.41	µg/L	EPA 625.1	0.35	1			
2020/21-4	Lab	LCS dup, rec	5/27/2021	Organic	Fluorene	n/a	=	94	%	EPA 625.1	-88	-88	70	120	
2020/21-4	Lab	LCS, RPD	5/27/2021	Organic	Fluorene	n/a	=	7	%	EPA 625.1	-88	-88	0	30	
2020/21-4	Lab	method blank	5/27/2021	Organic	Fluorene	n/a	<	0.35	µg/L	EPA 625.1	0.35	1			
2020/21-4	Lab	LCS	6/1/2021	Organic	Fluorene	n/a	=	7.64	µg/L	EPA 625.1	0.35	1			
2020/21-4	Lab	LCS, rec	6/1/2021	Organic	Fluorene	n/a	=	76	%	EPA 625.1	-88	-88	70	120	
2020/21-4	Lab	LCS dup	6/1/2021	Organic	Fluorene	n/a	=	8.4	µg/L	EPA 625.1	0.35	1			
2020/21-4	Lab	LCS dup, rec	6/1/2021	Organic	Fluorene	n/a	=	84	%	EPA 625.1	-88	-88	70	120	
2020/21-4	Lab	LCS, RPD	6/1/2021	Organic	Fluorene	n/a	=	9	%	EPA 625.1	-88	-88	0	30	
2020/21-4	Lab	method blank	6/2/2021	Organic	Fluorene	n/a	<	0.35	µg/L	EPA 625.1	0.35	1			
2020/21-4	Lab	method blank	6/3/2021	Organic	Fluorene	n/a	<	0.029	µg/L	EPA 8270C	0.029	0.1			
2020/21-4	Lab	LCS	6/3/2021	Organic	Fluorene	n/a	=	9.61	µg/L	EPA 8270C	0.029	0.1			
2020/21-4	Lab	LCS, rec	6/3/2021	Organic	Fluorene	n/a	=	96	%	EPA 8270C	-88	-88	19	122	
2020/21-4	Lab	LCS dup	6/3/2021	Organic	Fluorene	n/a	=	10.2	µg/L	EPA 8270C	0.029	0.1			
2020/21-4	Lab	LCS dup, rec	6/3/2021	Organic	Fluorene	n/a	=	102	%	EPA 8270C	-88	-88	19	122	
2020/21-4	Lab	LCS, RPD	6/3/2021	Organic	Fluorene	n/a	=	6	%	EPA 8270C	-88	-88	0	30	
2020/21-4	Lab	method blank	6/17/2021	Organic	Fluorene	n/a	<	0.029	µg/L	EPA 8270C	0.029	0.1			
2020/21-4	Lab	LCS	6/17/2021	Organic	Fluorene	n/a	=	6.64	µg/L	EPA 8270C	0.029	0.1			
2020/21-4	Lab	LCS, rec	6/17/2021	Organic	Fluorene	n/a	=	66	%	EPA 8270C	-88	-88	19	122	
2020/21-4	Lab	LCS dup	6/18/2021	Organic	Fluorene	n/a	=	7.28	µg/L	EPA 8270C	0.029	0.1			
2020/21-4	Lab	LCS dup, rec	6/18/2021	Organic	Fluorene	n/a	=	73	%	EPA 8270C	-88	-88	19	122	
2020/21-4	Lab	LCS, RPD	6/18/2021	Organic	Fluorene	n/a	=	9	%	EPA 8270C	-88	-88	0	30	
2020/21-4	Lab	LCS	5/18/2021	Organic	Hexachlorobenzene	n/a	=	9.46	µg/L	EPA 625.1	0.49	1			
2020/21-4	Lab	LCS, rec	5/18/2021	Organic	Hexachlorobenzene	n/a	=	95	%	EPA 625.1	-88	-88	8	142	
2020/21-4	Lab	LCS dup	5/18/2021	Organic	Hexachlorobenzene	n/a	=	8.83	µg/L	EPA 625.1	0.49	1			
2020/21-4	Lab	LCS dup, rec	5/18/2021	Organic	Hexachlorobenzene	n/a	=	88	%	EPA 625.1	-88	-88	8	142	
2020/21-4	Lab	LCS, RPD	5/18/2021	Organic	Hexachlorobenzene	n/a	=	7	%	EPA 625.1	-88	-88	0	30	
2020/21-4	Lab	method blank	5/18/2021	Organic	Hexachlorobenzene	n/a	<	0.49	µg/L	EPA 625.1	0.49	1			
2020/21-4	Lab	LCS	5/25/2021	Organic	Hexachlorobenzene	n/a	=	7.1	µg/L	EPA 625.1	0.49	1			
2020/21-4	Lab	LCS, rec	5/25/2021	Organic	Hexachlorobenzene	n/a	=	71	%	EPA 625.1	-88	-88	8	142	
2020/21-4	Lab	LCS dup	5/25/2021	Organic	Hexachlorobenzene	n/a	=	7.84	µg/L	EPA 625.1	0.49	1			
2020/21-4	Lab	LCS dup, rec	5/25/2021	Organic	Hexachlorobenzene	n/a	=	78	%	EPA 625.1	-88	-88	8	142	
2020/21-4	Lab	LCS, RPD	5/25/2021	Organic	Hexachlorobenzene	n/a	=	10	%	EPA 625.1	-88	-88	0	30	
2020/21-4	Lab	method blank	5/25/2021	Organic	Hexachlorobenzene	n/a	<	0.49	µg/L	EPA 625.1	0.49	1			
2020/21-4	Lab	LCS	5/26/2021	Organic	Hexachlorobenzene	n/a	=	8.85	µg/L	EPA 625.1	0.49	1			
2020/21-4	Lab	LCS, rec	5/26/2021	Organic	Hexachlorobenzene	n/a	=	89	%	EPA 625.1	-88	-88	8	142	
2020/21-4	Lab	LCS dup	5/26/2021	Organic	Hexachlorobenzene	n/a	=	7.01	µg/L	EPA 625.1	0.49	1			
2020/21-4	Lab	LCS dup, rec	5/26/2021	Organic	Hexachlorobenzene	n/a	=	70	%	EPA 625.1	-88	-88	8	142	
2020/21-4	Lab	LCS, RPD	5/26/2021	Organic	Hexachlorobenzene	n/a	=	23	%	EPA 625.1	-88	-88	0	30	
2020/21-4	Lab	method blank	5/27/2021	Organic	Hexachlorobenzene	n/a	<	0.49	µg/L	EPA 625.1	0.49	1			
2020/21-4	Lab	LCS	5/27/2021	Organic	Hexachlorobenzene	n/a	=	7.78	µg/L	EPA 625.1	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	
2020/21-4	Lab	LCS, rec	5/27/2021	Organic	Hexachlorobenzene	n/a	=	78	%	EPA 625.1	-88	-88	8	142	
2020/21-4	Lab	LCS dup	5/27/2021	Organic	Hexachlorobenzene	n/a	=	8.28	µg/L	EPA 625.1	0.49	1			
2020/21-4	Lab	LCS dup, rec	5/27/2021	Organic	Hexachlorobenzene	n/a	=	83	%	EPA 625.1	-88	-88	8	142	
2020/21-4	Lab	LCS, RPD	5/27/2021	Organic	Hexachlorobenzene	n/a	=	6	%	EPA 625.1	-88	-88	0	30	
2020/21-4	Lab	method blank	5/27/2021	Organic	Hexachlorobenzene	n/a	<	0.49	µg/L	EPA 625.1	0.49	1			
2020/21-4	Lab	LCS	6/1/2021	Organic	Hexachlorobenzene	n/a	=	8.09	µg/L	EPA 625.1	0.49	1			
2020/21-4	Lab	LCS, rec	6/1/2021	Organic	Hexachlorobenzene	n/a	=	81	%	EPA 625.1	-88	-88	8	142	
2020/21-4	Lab	LCS dup	6/1/2021	Organic	Hexachlorobenzene	n/a	=	9.13	µg/L	EPA 625.1	0.49	1			
2020/21-4	Lab	LCS dup, rec	6/1/2021	Organic	Hexachlorobenzene	n/a	=	91	%	EPA 625.1	-88	-88	8	142	
2020/21-4	Lab	LCS, RPD	6/1/2021	Organic	Hexachlorobenzene	n/a	=	12	%	EPA 625.1	-88	-88	0	30	
2020/21-4	Lab	method blank	6/2/2021	Organic	Hexachlorobenzene	n/a	<	0.49	µg/L	EPA 625.1	0.49	1			
2020/21-4	Lab	LCS	5/18/2021	Organic	Hexachlorobutadiene	n/a	=	8.95	µg/L	EPA 625.1	0.47	1			
2020/21-4	Lab	LCS, rec	5/18/2021	Organic	Hexachlorobutadiene	n/a	=	89	%	EPA 625.1	-88	-88	38	120	
2020/21-4	Lab	LCS dup	5/18/2021	Organic	Hexachlorobutadiene	n/a	=	8.31	µg/L	EPA 625.1	0.47	1			
2020/21-4	Lab	LCS dup, rec	5/18/2021	Organic	Hexachlorobutadiene	n/a	=	83	%	EPA 625.1	-88	-88	38	120	
2020/21-4	Lab	LCS, RPD	5/18/2021	Organic	Hexachlorobutadiene	n/a	=	7	%	EPA 625.1	-88	-88	0	30	
2020/21-4	Lab	method blank	5/18/2021	Organic	Hexachlorobutadiene	n/a	<	0.47	µg/L	EPA 625.1	0.47	1			
2020/21-4	Lab	LCS	5/25/2021	Organic	Hexachlorobutadiene	n/a	=	6.7	µg/L	EPA 625.1	0.47	1			
2020/21-4	Lab	LCS, rec	5/25/2021	Organic	Hexachlorobutadiene	n/a	=	67	%	EPA 625.1	-88	-88	38	120	
2020/21-4	Lab	LCS dup	5/25/2021	Organic	Hexachlorobutadiene	n/a	=	6.92	µg/L	EPA 625.1	0.47	1			
2020/21-4	Lab	LCS dup, rec	5/25/2021	Organic	Hexachlorobutadiene	n/a	=	69	%	EPA 625.1	-88	-88	38	120	
2020/21-4	Lab	LCS, RPD	5/25/2021	Organic	Hexachlorobutadiene	n/a	=	3	%	EPA 625.1	-88	-88	0	30	
2020/21-4	Lab	method blank	5/25/2021	Organic	Hexachlorobutadiene	n/a	<	0.47	µg/L	EPA 625.1	0.47	1			
2020/21-4	Lab	LCS	5/26/2021	Organic	Hexachlorobutadiene	n/a	=	9.09	µg/L	EPA 625.1	0.47	1			
2020/21-4	Lab	LCS, rec	5/26/2021	Organic	Hexachlorobutadiene	n/a	=	91	%	EPA 625.1	-88	-88	38	120	
2020/21-4	Lab	LCS dup	5/26/2021	Organic	Hexachlorobutadiene	n/a	=	7.26	µg/L	EPA 625.1	0.47	1			
2020/21-4	Lab	LCS dup, rec	5/26/2021	Organic	Hexachlorobutadiene	n/a	=	73	%	EPA 625.1	-88	-88	38	120	
2020/21-4	Lab	LCS, RPD	5/26/2021	Organic	Hexachlorobutadiene	n/a	=	22	%	EPA 625.1	-88	-88	0	30	
2020/21-4	Lab	method blank	5/27/2021	Organic	Hexachlorobutadiene	n/a	<	0.47	µg/L	EPA 625.1	0.47	1			
2020/21-4	Lab	LCS	5/27/2021	Organic	Hexachlorobutadiene	n/a	=	8.54	µg/L	EPA 625.1	0.47	1			
2020/21-4	Lab	LCS, rec	5/27/2021	Organic	Hexachlorobutadiene	n/a	=	85	%	EPA 625.1	-88	-88	38	120	
2020/21-4	Lab	LCS dup	5/27/2021	Organic	Hexachlorobutadiene	n/a	=	8.92	µg/L	EPA 625.1	0.47	1			
2020/21-4	Lab	LCS dup, rec	5/27/2021	Organic	Hexachlorobutadiene	n/a	=	89	%	EPA 625.1	-88	-88	38	120	
2020/21-4	Lab	LCS, RPD	5/27/2021	Organic	Hexachlorobutadiene	n/a	=	4	%	EPA 625.1	-88	-88	0	30	
2020/21-4	Lab	method blank	5/27/2021	Organic	Hexachlorobutadiene	n/a	<	0.47	µg/L	EPA 625.1	0.47	1			
2020/21-4	Lab	LCS	6/1/2021	Organic	Hexachlorobutadiene	n/a	=	7.47	µg/L	EPA 625.1	0.47	1			
2020/21-4	Lab	LCS, rec	6/1/2021	Organic	Hexachlorobutadiene	n/a	=	75	%	EPA 625.1	-88	-88	38	120	
2020/21-4	Lab	LCS dup	6/1/2021	Organic	Hexachlorobutadiene	n/a	=	8.42	µg/L	EPA 625.1	0.47	1			
2020/21-4	Lab	LCS dup, rec	6/1/2021	Organic	Hexachlorobutadiene	n/a	=	84	%	EPA 625.1	-88	-88	38	120	
2020/21-4	Lab	LCS, RPD	6/1/2021	Organic	Hexachlorobutadiene	n/a	=	12	%	EPA 625.1	-88	-88	0	30	
2020/21-4	Lab	method blank	6/2/2021	Organic	Hexachlorobutadiene	n/a	<	0.47	µg/L	EPA 625.1	0.47	1			
2020/21-4	Lab	LCS	5/18/2021	Organic	Hexachlorocyclopentadiene	n/a	=	5.55	µg/L	EPA 625.1	0.98	5			
2020/21-4	Lab	LCS, rec	5/18/2021	Organic	Hexachlorocyclopentadiene	n/a	=	56	%	EPA 625.1	-88	-88	10	120	
2020/21-4	Lab	LCS dup	5/18/2021	Organic	Hexachlorocyclopentadiene	n/a	=	5.01	µg/L	EPA 625.1	0.98	5			
2020/21-4	Lab	LCS dup, rec	5/18/2021	Organic	Hexachlorocyclopentadiene	n/a	=	50	%	EPA 625.1	-88	-88	10	120	
2020/21-4	Lab	LCS, RPD	5/18/2021	Organic	Hexachlorocyclopentadiene	n/a	=	10	%	EPA 625.1	-88	-88	0	30	
2020/21-4	Lab	method blank	5/18/2021	Organic	Hexachlorocyclopentadiene	n/a	<	0.98	µg/L	EPA 625.1	0.98	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	
2020/21-4	Lab	LCS	5/25/2021	Organic	Hexachlorocyclopentadiene	n/a	DNQ	3.98	µg/L	EPA 625.1	0.98	5			
2020/21-4	Lab	LCS, rec	5/25/2021	Organic	Hexachlorocyclopentadiene	n/a	=	40	%	EPA 625.1	-88	-88	10	120	
2020/21-4	Lab	LCS dup	5/25/2021	Organic	Hexachlorocyclopentadiene	n/a	DNQ	4.32	µg/L	EPA 625.1	0.98	5			
2020/21-4	Lab	LCS dup, rec	5/25/2021	Organic	Hexachlorocyclopentadiene	n/a	=	43	%	EPA 625.1	-88	-88	10	120	
2020/21-4	Lab	LCS, RPD	5/25/2021	Organic	Hexachlorocyclopentadiene	n/a	=	8	%	EPA 625.1	-88	-88	0	30	
2020/21-4	Lab	method blank	5/25/2021	Organic	Hexachlorocyclopentadiene	n/a	<	0.98	µg/L	EPA 625.1	0.98	5			
2020/21-4	Lab	LCS	5/26/2021	Organic	Hexachlorocyclopentadiene	n/a	=	5.21	µg/L	EPA 625.1	0.98	5			
2020/21-4	Lab	LCS, rec	5/26/2021	Organic	Hexachlorocyclopentadiene	n/a	=	52	%	EPA 625.1	-88	-88	10	120	
2020/21-4	Lab	LCS dup	5/26/2021	Organic	Hexachlorocyclopentadiene	n/a	DNQ	3.83	µg/L	EPA 625.1	0.98	5			
2020/21-4	Lab	LCS dup, rec	5/26/2021	Organic	Hexachlorocyclopentadiene	n/a	=	38	%	EPA 625.1	-88	-88	10	120	
2020/21-4	Lab	LCS, RPD	5/26/2021	Organic	Hexachlorocyclopentadiene	n/a	=	30	%	EPA 625.1	-88	-88	0	30	
2020/21-4	Lab	method blank	5/27/2021	Organic	Hexachlorocyclopentadiene	n/a	<	0.98	µg/L	EPA 625.1	0.98	5			
2020/21-4	Lab	LCS	5/27/2021	Organic	Hexachlorocyclopentadiene	n/a	DNQ	4.55	µg/L	EPA 625.1	0.98	5			
2020/21-4	Lab	LCS, rec	5/27/2021	Organic	Hexachlorocyclopentadiene	n/a	=	45	%	EPA 625.1	-88	-88	10	120	
2020/21-4	Lab	LCS dup	5/27/2021	Organic	Hexachlorocyclopentadiene	n/a	DNQ	4.86	µg/L	EPA 625.1	0.98	5			
2020/21-4	Lab	LCS dup, rec	5/27/2021	Organic	Hexachlorocyclopentadiene	n/a	=	49	%	EPA 625.1	-88	-88	10	120	
2020/21-4	Lab	LCS, RPD	5/27/2021	Organic	Hexachlorocyclopentadiene	n/a	=	7	%	EPA 625.1	-88	-88	0	30	
2020/21-4	Lab	method blank	5/27/2021	Organic	Hexachlorocyclopentadiene	n/a	<	0.98	µg/L	EPA 625.1	0.98	5			
2020/21-4	Lab	LCS	6/1/2021	Organic	Hexachlorocyclopentadiene	n/a	DNQ	4.71	µg/L	EPA 625.1	0.98	5			
2020/21-4	Lab	LCS, rec	6/1/2021	Organic	Hexachlorocyclopentadiene	n/a	=	47	%	EPA 625.1	-88	-88	10	120	
2020/21-4	Lab	LCS dup	6/1/2021	Organic	Hexachlorocyclopentadiene	n/a	=	5.26	µg/L	EPA 625.1	0.98	5			
2020/21-4	Lab	LCS dup, rec	6/1/2021	Organic	Hexachlorocyclopentadiene	n/a	=	53	%	EPA 625.1	-88	-88	10	120	
2020/21-4	Lab	LCS, RPD	6/1/2021	Organic	Hexachlorocyclopentadiene	n/a	=	11	%	EPA 625.1	-88	-88	0	30	
2020/21-4	Lab	method blank	6/2/2021	Organic	Hexachlorocyclopentadiene	n/a	<	0.98	µg/L	EPA 625.1	0.98	5			
2020/21-4	Lab	LCS	5/18/2021	Organic	Hexachloroethane	n/a	=	8.65	µg/L	EPA 625.1	0.5	1			
2020/21-4	Lab	LCS, rec	5/18/2021	Organic	Hexachloroethane	n/a	=	87	%	EPA 625.1	-88	-88	55	120	
2020/21-4	Lab	LCS dup	5/18/2021	Organic	Hexachloroethane	n/a	=	7.78	µg/L	EPA 625.1	0.5	1			
2020/21-4	Lab	LCS dup, rec	5/18/2021	Organic	Hexachloroethane	n/a	=	78	%	EPA 625.1	-88	-88	55	120	
2020/21-4	Lab	LCS, RPD	5/18/2021	Organic	Hexachloroethane	n/a	=	11	%	EPA 625.1	-88	-88	0	30	
2020/21-4	Lab	method blank	5/18/2021	Organic	Hexachloroethane	n/a	<	0.5	µg/L	EPA 625.1	0.5	1			
2020/21-4	Lab	LCS	5/25/2021	Organic	Hexachloroethane	n/a	=	7.24	µg/L	EPA 625.1	0.5	1			
2020/21-4	Lab	LCS, rec	5/25/2021	Organic	Hexachloroethane	n/a	=	72	%	EPA 625.1	-88	-88	55	120	
2020/21-4	Lab	LCS dup	5/25/2021	Organic	Hexachloroethane	n/a	=	7.49	µg/L	EPA 625.1	0.5	1			
2020/21-4	Lab	LCS dup, rec	5/25/2021	Organic	Hexachloroethane	n/a	=	75	%	EPA 625.1	-88	-88	55	120	
2020/21-4	Lab	LCS, RPD	5/25/2021	Organic	Hexachloroethane	n/a	=	3	%	EPA 625.1	-88	-88	0	30	
2020/21-4	Lab	method blank	5/25/2021	Organic	Hexachloroethane	n/a	<	0.5	µg/L	EPA 625.1	0.5	1			
2020/21-4	Lab	LCS	5/26/2021	Organic	Hexachloroethane	n/a	=	9.47	µg/L	EPA 625.1	0.5	1			
2020/21-4	Lab	LCS, rec	5/26/2021	Organic	Hexachloroethane	n/a	=	95	%	EPA 625.1	-88	-88	55	120	
2020/21-4	Lab	LCS dup	5/26/2021	Organic	Hexachloroethane	n/a	=	7.22	µg/L	EPA 625.1	0.5	1			
2020/21-4	Lab	LCS dup, rec	5/26/2021	Organic	Hexachloroethane	n/a	=	72	%	EPA 625.1	-88	-88	55	120	
2020/21-4	Lab	LCS, RPD	5/26/2021	Organic	Hexachloroethane	n/a	=	27	%	EPA 625.1	-88	-88	0	30	
2020/21-4	Lab	method blank	5/27/2021	Organic	Hexachloroethane	n/a	<	0.5	µg/L	EPA 625.1	0.5	1			
2020/21-4	Lab	LCS	5/27/2021	Organic	Hexachloroethane	n/a	=	8.18	µg/L	EPA 625.1	0.5	1			
2020/21-4	Lab	LCS, rec	5/27/2021	Organic	Hexachloroethane	n/a	=	82	%	EPA 625.1	-88	-88	55	120	
2020/21-4	Lab	LCS dup	5/27/2021	Organic	Hexachloroethane	n/a	=	9.17	µg/L	EPA 625.1	0.5	1			
2020/21-4	Lab	LCS dup, rec	5/27/2021	Organic	Hexachloroethane	n/a	=	92	%	EPA 625.1	-88	-88	55	120	
2020/21-4	Lab	LCS, RPD	5/27/2021	Organic	Hexachloroethane	n/a	=	11	%	EPA 625.1	-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	
2020/21-4	Lab	method blank	5/27/2021	Organic	Hexachloroethane	n/a	<	0.5	µg/L	EPA 625.1	0.5	1			
2020/21-4	Lab	LCS	6/1/2021	Organic	Hexachloroethane	n/a	=	7.49	µg/L	EPA 625.1	0.5	1			
2020/21-4	Lab	LCS, rec	6/1/2021	Organic	Hexachloroethane	n/a	=	75	%	EPA 625.1	-88	-88	55	120	
2020/21-4	Lab	LCS dup	6/1/2021	Organic	Hexachloroethane	n/a	=	7.82	µg/L	EPA 625.1	0.5	1			
2020/21-4	Lab	LCS dup, rec	6/1/2021	Organic	Hexachloroethane	n/a	=	78	%	EPA 625.1	-88	-88	55	120	
2020/21-4	Lab	LCS, RPD	6/1/2021	Organic	Hexachloroethane	n/a	=	4	%	EPA 625.1	-88	-88	0	30	
2020/21-4	Lab	method blank	6/2/2021	Organic	Hexachloroethane	n/a	<	0.5	µg/L	EPA 625.1	0.5	1			
2020/21-4	Lab	method blank	5/5/2021	Organic	Indeno(1,2,3-cd)pyrene	n/a	<	0.065	µg/L	EPA 8270C	0.065	0.1			
2020/21-4	Lab	LCS	5/5/2021	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	9.54	µg/L	EPA 8270C	0.065	0.1			
2020/21-4	Lab	LCS, rec	5/5/2021	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	95	%	EPA 8270C	-88	-88	12	136	
2020/21-4	Lab	LCS dup	5/5/2021	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	9.12	µg/L	EPA 8270C	0.065	0.1			
2020/21-4	Lab	LCS dup, rec	5/5/2021	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	91	%	EPA 8270C	-88	-88	12	136	
2020/21-4	Lab	LCS, RPD	5/5/2021	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	5	%	EPA 8270C	-88	-88	0	30	
2020/21-4	Lab	method blank	5/5/2021	Organic	Indeno(1,2,3-cd)pyrene	n/a	<	0.065	µg/L	EPA 8270C	0.065	0.1			
2020/21-4	Lab	LCS	5/5/2021	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	8.93	µg/L	EPA 8270C	0.065	0.1			
2020/21-4	Lab	LCS, rec	5/5/2021	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	89	%	EPA 8270C	-88	-88	12	136	
2020/21-4	Lab	LCS dup	5/5/2021	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	9.11	µg/L	EPA 8270C	0.065	0.1			
2020/21-4	Lab	LCS dup, rec	5/5/2021	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	91	%	EPA 8270C	-88	-88	12	136	
2020/21-4	Lab	LCS, RPD	5/5/2021	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	2	%	EPA 8270C	-88	-88	0	30	
2020/21-4	Lab	LCS	5/18/2021	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	11.7	µg/L	EPA 625.1	0.55	2			
2020/21-4	Lab	LCS, rec	5/18/2021	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	117	%	EPA 625.1	-88	-88	0.1	151	
2020/21-4	Lab	LCS dup	5/18/2021	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	11.6	µg/L	EPA 625.1	0.55	2			
2020/21-4	Lab	LCS dup, rec	5/18/2021	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	116	%	EPA 625.1	-88	-88	0.1	151	
2020/21-4	Lab	LCS, RPD	5/18/2021	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	0.5	%	EPA 625.1	-88	-88	0	30	
2020/21-4	Lab	method blank	5/18/2021	Organic	Indeno(1,2,3-cd)pyrene	n/a	<	0.55	µg/L	EPA 625.1	0.55	2			
2020/21-4	Lab	LCS	5/25/2021	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	8.71	µg/L	EPA 625.1	0.55	2			
2020/21-4	Lab	LCS, rec	5/25/2021	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	87	%	EPA 625.1	-88	-88	0.1	151	
2020/21-4	Lab	LCS dup	5/25/2021	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	8.84	µg/L	EPA 625.1	0.55	2			
2020/21-4	Lab	LCS dup, rec	5/25/2021	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	88	%	EPA 625.1	-88	-88	0.1	151	
2020/21-4	Lab	LCS, RPD	5/25/2021	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	1	%	EPA 625.1	-88	-88	0	30	
2020/21-4	Lab	method blank	5/25/2021	Organic	Indeno(1,2,3-cd)pyrene	n/a	<	0.55	µg/L	EPA 625.1	0.55	2			
2020/21-4	Lab	LCS	5/26/2021	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	11.7	µg/L	EPA 625.1	0.55	2			
2020/21-4	Lab	LCS, rec	5/26/2021	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	117	%	EPA 625.1	-88	-88	0.1	151	
2020/21-4	Lab	LCS dup	5/26/2021	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	11.3	µg/L	EPA 625.1	0.55	2			
2020/21-4	Lab	LCS dup, rec	5/26/2021	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	113	%	EPA 625.1	-88	-88	0.1	151	
2020/21-4	Lab	LCS, RPD	5/26/2021	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	3	%	EPA 625.1	-88	-88	0	30	
2020/21-4	Lab	method blank	5/27/2021	Organic	Indeno(1,2,3-cd)pyrene	n/a	<	0.55	µg/L	EPA 625.1	0.55	2			
2020/21-4	Lab	LCS	5/27/2021	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	11.3	µg/L	EPA 625.1	0.55	2			
2020/21-4	Lab	LCS, rec	5/27/2021	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	113	%	EPA 625.1	-88	-88	0.1	151	
2020/21-4	Lab	LCS dup	5/27/2021	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	11.6	µg/L	EPA 625.1	0.55	2			
2020/21-4	Lab	LCS dup, rec	5/27/2021	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	116	%	EPA 625.1	-88	-88	0.1	151	
2020/21-4	Lab	LCS, RPD	5/27/2021	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	3	%	EPA 625.1	-88	-88	0	30	
2020/21-4	Lab	method blank	5/27/2021	Organic	Indeno(1,2,3-cd)pyrene	n/a	<	0.55	µg/L	EPA 625.1	0.55	2			
2020/21-4	Lab	LCS	6/1/2021	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	11.4	µg/L	EPA 625.1	0.55	2			
2020/21-4	Lab	LCS, rec	6/1/2021	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	114	%	EPA 625.1	-88	-88	0.1	151	
2020/21-4	Lab	LCS dup	6/1/2021	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	12.2	µg/L	EPA 625.1	0.55	2			
2020/21-4	Lab	LCS dup, rec	6/1/2021	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	122	%	EPA 625.1	-88	-88	0.1	151	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2020/21-4	Lab	LCS, RPD	6/1/2021	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	7	%	EPA 625.1	-88	-88	0	30	
2020/21-4	Lab	method blank	6/2/2021	Organic	Indeno(1,2,3-cd)pyrene	n/a	<	0.55	µg/L	EPA 625.1	0.55	2			
2020/21-4	Lab	method blank	6/3/2021	Organic	Indeno(1,2,3-cd)pyrene	n/a	<	0.065	µg/L	EPA 8270C	0.065	0.1			
2020/21-4	Lab	LCS	6/3/2021	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	9.27	µg/L	EPA 8270C	0.065	0.1			
2020/21-4	Lab	LCS, rec	6/3/2021	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	93	%	EPA 8270C	-88	-88	12	136	
2020/21-4	Lab	LCS dup	6/3/2021	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	9.31	µg/L	EPA 8270C	0.065	0.1			
2020/21-4	Lab	LCS dup, rec	6/3/2021	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	93	%	EPA 8270C	-88	-88	12	136	
2020/21-4	Lab	LCS, RPD	6/3/2021	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	0.4	%	EPA 8270C	-88	-88	0	30	
2020/21-4	Lab	method blank	6/17/2021	Organic	Indeno(1,2,3-cd)pyrene	n/a	<	0.065	µg/L	EPA 8270C	0.065	0.1			
2020/21-4	Lab	LCS	6/17/2021	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	6.93	µg/L	EPA 8270C	0.065	0.1			
2020/21-4	Lab	LCS, rec	6/17/2021	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	69	%	EPA 8270C	-88	-88	12	136	
2020/21-4	Lab	LCS dup	6/18/2021	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	7.46	µg/L	EPA 8270C	0.065	0.1			
2020/21-4	Lab	LCS dup, rec	6/18/2021	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	75	%	EPA 8270C	-88	-88	12	136	
2020/21-4	Lab	LCS, RPD	6/18/2021	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	7	%	EPA 8270C	-88	-88	0	30	
2020/21-4	Lab	LCS	5/18/2021	Organic	Isophorone	n/a	=	8.17	µg/L	EPA 625.1	0.21	1			
2020/21-4	Lab	LCS, rec	5/18/2021	Organic	Isophorone	n/a	=	82	%	EPA 625.1	-88	-88	47	180	
2020/21-4	Lab	LCS dup	5/18/2021	Organic	Isophorone	n/a	=	7.18	µg/L	EPA 625.1	0.21	1			
2020/21-4	Lab	LCS dup, rec	5/18/2021	Organic	Isophorone	n/a	=	72	%	EPA 625.1	-88	-88	47	180	
2020/21-4	Lab	LCS, RPD	5/18/2021	Organic	Isophorone	n/a	=	13	%	EPA 625.1	-88	-88	0	30	
2020/21-4	Lab	method blank	5/18/2021	Organic	Isophorone	n/a	<	0.21	µg/L	EPA 625.1	0.21	1			
2020/21-4	Lab	LCS	5/25/2021	Organic	Isophorone	n/a	=	6.48	µg/L	EPA 625.1	0.21	1			
2020/21-4	Lab	LCS, rec	5/25/2021	Organic	Isophorone	n/a	=	65	%	EPA 625.1	-88	-88	47	180	
2020/21-4	Lab	LCS dup	5/25/2021	Organic	Isophorone	n/a	=	6.92	µg/L	EPA 625.1	0.21	1			
2020/21-4	Lab	LCS dup, rec	5/25/2021	Organic	Isophorone	n/a	=	69	%	EPA 625.1	-88	-88	47	180	
2020/21-4	Lab	LCS, RPD	5/25/2021	Organic	Isophorone	n/a	=	7	%	EPA 625.1	-88	-88	0	30	
2020/21-4	Lab	method blank	5/25/2021	Organic	Isophorone	n/a	<	0.21	µg/L	EPA 625.1	0.21	1			
2020/21-4	Lab	LCS	5/26/2021	Organic	Isophorone	n/a	=	8.44	µg/L	EPA 625.1	0.21	1			
2020/21-4	Lab	LCS, rec	5/26/2021	Organic	Isophorone	n/a	=	84	%	EPA 625.1	-88	-88	47	180	
2020/21-4	Lab	LCS dup	5/26/2021	Organic	Isophorone	n/a	=	6.39	µg/L	EPA 625.1	0.21	1			
2020/21-4	Lab	LCS dup, rec	5/26/2021	Organic	Isophorone	n/a	=	64	%	EPA 625.1	-88	-88	47	180	
2020/21-4	Lab	LCS, RPD	5/26/2021	Organic	Isophorone	n/a	=	28	%	EPA 625.1	-88	-88	0	30	
2020/21-4	Lab	method blank	5/27/2021	Organic	Isophorone	n/a	<	0.21	µg/L	EPA 625.1	0.21	1			
2020/21-4	Lab	LCS	5/27/2021	Organic	Isophorone	n/a	=	7.08	µg/L	EPA 625.1	0.21	1			
2020/21-4	Lab	LCS, rec	5/27/2021	Organic	Isophorone	n/a	=	71	%	EPA 625.1	-88	-88	47	180	
2020/21-4	Lab	LCS dup	5/27/2021	Organic	Isophorone	n/a	=	7.65	µg/L	EPA 625.1	0.21	1			
2020/21-4	Lab	LCS dup, rec	5/27/2021	Organic	Isophorone	n/a	=	77	%	EPA 625.1	-88	-88	47	180	
2020/21-4	Lab	LCS, RPD	5/27/2021	Organic	Isophorone	n/a	=	8	%	EPA 625.1	-88	-88	0	30	
2020/21-4	Lab	method blank	5/27/2021	Organic	Isophorone	n/a	<	0.21	µg/L	EPA 625.1	0.21	1			
2020/21-4	Lab	LCS	5/28/2021	Organic	Isophorone	n/a	=	7.37	µg/L	EPA 625.1	0.21	1			
2020/21-4	Lab	LCS, rec	5/28/2021	Organic	Isophorone	n/a	=	74	%	EPA 625.1	-88	-88	47	180	
2020/21-4	Lab	LCS dup	5/28/2021	Organic	Isophorone	n/a	=	6.68	µg/L	EPA 625.1	0.21	1			
2020/21-4	Lab	LCS dup, rec	5/28/2021	Organic	Isophorone	n/a	=	67	%	EPA 625.1	-88	-88	47	180	
2020/21-4	Lab	LCS, RPD	5/28/2021	Organic	Isophorone	n/a	=	10	%	EPA 625.1	-88	-88	0	30	
2020/21-4	Lab	method blank	5/28/2021	Organic	Isophorone	n/a	<	0.21	µg/L	EPA 625.1	0.21	1			
2020/21-4	Lab	LCS	6/1/2021	Organic	Isophorone	n/a	=	6.62	µg/L	EPA 625.1	0.21	1			
2020/21-4	Lab	LCS, rec	6/1/2021	Organic	Isophorone	n/a	=	66	%	EPA 625.1	-88	-88	47	180	
2020/21-4	Lab	LCS dup	6/1/2021	Organic	Isophorone	n/a	=	6.99	µg/L	EPA 625.1	0.21	1			

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2020/21-4	Lab	LCS dup. rec	6/1/2021	Organic	Isophorone	n/a	=	70	%	EPA 625.1	-88	-88	47	180	
2020/21-4	Lab	LCS, RPD	6/1/2021	Organic	Isophorone	n/a	=	5	%	EPA 625.1	-88	-88	0	30	
2020/21-4	Lab	method blank	6/2/2021	Organic	Isophorone	n/a	<	0.21	µg/L	EPA 625.1	0.21	1			
2020/21-4	Lab	method blank	5/5/2021	Organic	Naphthalene	n/a	<	0.026	µg/L	EPA 8270C	0.026	0.1			
2020/21-4	Lab	LCS	5/5/2021	Organic	Naphthalene	n/a	=	8.79	µg/L	EPA 8270C	0.026	0.1			
2020/21-4	Lab	LCS, rec	5/5/2021	Organic	Naphthalene	n/a	=	88	%	EPA 8270C	-88	-88	12	136	
2020/21-4	Lab	LCS dup	5/5/2021	Organic	Naphthalene	n/a	=	6.91	µg/L	EPA 8270C	0.026	0.1			
2020/21-4	Lab	LCS dup. rec	5/5/2021	Organic	Naphthalene	n/a	=	69	%	EPA 8270C	-88	-88	12	136	
2020/21-4	Lab	LCS, RPD	5/5/2021	Organic	Naphthalene	n/a	=	24	%	EPA 8270C	-88	-88	0	30	
2020/21-4	Lab	method blank	5/5/2021	Organic	Naphthalene	n/a	<	0.026	µg/L	EPA 8270C	0.026	0.1			
2020/21-4	Lab	LCS	5/5/2021	Organic	Naphthalene	n/a	=	7.51	µg/L	EPA 8270C	0.026	0.1			
2020/21-4	Lab	LCS, rec	5/5/2021	Organic	Naphthalene	n/a	=	75	%	EPA 8270C	-88	-88	12	136	
2020/21-4	Lab	LCS dup	5/5/2021	Organic	Naphthalene	n/a	=	8.1	µg/L	EPA 8270C	0.026	0.1			
2020/21-4	Lab	LCS dup. rec	5/5/2021	Organic	Naphthalene	n/a	=	81	%	EPA 8270C	-88	-88	12	136	
2020/21-4	Lab	LCS, RPD	5/5/2021	Organic	Naphthalene	n/a	=	8	%	EPA 8270C	-88	-88	0	30	
2020/21-4	Lab	LCS	5/18/2021	Organic	Naphthalene	n/a	=	7.99	µg/L	EPA 625.1	0.49	1			
2020/21-4	Lab	LCS, rec	5/18/2021	Organic	Naphthalene	n/a	=	80	%	EPA 625.1	-88	-88	36	120	
2020/21-4	Lab	LCS dup	5/18/2021	Organic	Naphthalene	n/a	=	7.44	µg/L	EPA 625.1	0.49	1			
2020/21-4	Lab	LCS dup. rec	5/18/2021	Organic	Naphthalene	n/a	=	74	%	EPA 625.1	-88	-88	36	120	
2020/21-4	Lab	LCS, RPD	5/18/2021	Organic	Naphthalene	n/a	=	7	%	EPA 625.1	-88	-88	0	30	
2020/21-4	Lab	method blank	5/18/2021	Organic	Naphthalene	n/a	<	0.49	µg/L	EPA 625.1	0.49	1			
2020/21-4	Lab	LCS	5/25/2021	Organic	Naphthalene	n/a	=	5.67	µg/L	EPA 625.1	0.49	1			
2020/21-4	Lab	LCS, rec	5/25/2021	Organic	Naphthalene	n/a	=	57	%	EPA 625.1	-88	-88	36	120	
2020/21-4	Lab	LCS dup	5/25/2021	Organic	Naphthalene	n/a	=	5.9	µg/L	EPA 625.1	0.49	1			
2020/21-4	Lab	LCS dup. rec	5/25/2021	Organic	Naphthalene	n/a	=	59	%	EPA 625.1	-88	-88	36	120	
2020/21-4	Lab	LCS, RPD	5/25/2021	Organic	Naphthalene	n/a	=	4	%	EPA 625.1	-88	-88	0	30	
2020/21-4	Lab	method blank	5/25/2021	Organic	Naphthalene	n/a	<	0.49	µg/L	EPA 625.1	0.49	1			
2020/21-4	Lab	LCS	5/26/2021	Organic	Naphthalene	n/a	=	7.39	µg/L	EPA 625.1	0.49	1			
2020/21-4	Lab	LCS, rec	5/26/2021	Organic	Naphthalene	n/a	=	74	%	EPA 625.1	-88	-88	36	120	
2020/21-4	Lab	LCS dup	5/26/2021	Organic	Naphthalene	n/a	=	5.86	µg/L	EPA 625.1	0.49	1			
2020/21-4	Lab	LCS dup. rec	5/26/2021	Organic	Naphthalene	n/a	=	59	%	EPA 625.1	-88	-88	36	120	
2020/21-4	Lab	LCS, RPD	5/26/2021	Organic	Naphthalene	n/a	=	23	%	EPA 625.1	-88	-88	0	30	
2020/21-4	Lab	method blank	5/27/2021	Organic	Naphthalene	n/a	<	0.49	µg/L	EPA 625.1	0.49	1			
2020/21-4	Lab	LCS	5/27/2021	Organic	Naphthalene	n/a	=	6.9	µg/L	EPA 625.1	0.49	1			
2020/21-4	Lab	LCS, rec	5/27/2021	Organic	Naphthalene	n/a	=	69	%	EPA 625.1	-88	-88	36	120	
2020/21-4	Lab	LCS dup	5/27/2021	Organic	Naphthalene	n/a	=	7.2	µg/L	EPA 625.1	0.49	1			
2020/21-4	Lab	LCS dup. rec	5/27/2021	Organic	Naphthalene	n/a	=	72	%	EPA 625.1	-88	-88	36	120	
2020/21-4	Lab	LCS, RPD	5/27/2021	Organic	Naphthalene	n/a	=	4	%	EPA 625.1	-88	-88	0	30	
2020/21-4	Lab	method blank	5/27/2021	Organic	Naphthalene	n/a	<	0.49	µg/L	EPA 625.1	0.49	1			
2020/21-4	Lab	LCS	6/1/2021	Organic	Naphthalene	n/a	=	6.09	µg/L	EPA 625.1	0.49	1			
2020/21-4	Lab	LCS, rec	6/1/2021	Organic	Naphthalene	n/a	=	61	%	EPA 625.1	-88	-88	36	120	
2020/21-4	Lab	LCS dup	6/1/2021	Organic	Naphthalene	n/a	=	7.02	µg/L	EPA 625.1	0.49	1			
2020/21-4	Lab	LCS dup. rec	6/1/2021	Organic	Naphthalene	n/a	=	70	%	EPA 625.1	-88	-88	36	120	
2020/21-4	Lab	LCS, RPD	6/1/2021	Organic	Naphthalene	n/a	=	14	%	EPA 625.1	-88	-88	0	30	
2020/21-4	Lab	method blank	6/2/2021	Organic	Naphthalene	n/a	<	0.49	µg/L	EPA 625.1	0.49	1			
2020/21-4	Lab	method blank	6/3/2021	Organic	Naphthalene	n/a	<	0.026	µg/L	EPA 8270C	0.026	0.1			
2020/21-4	Lab	LCS	6/3/2021	Organic	Naphthalene	n/a	=	7.93	µg/L	EPA 8270C	0.026	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	
2020/21-4	Lab	LCS, rec	6/3/2021	Organic	Naphthalene	n/a	=	79	%	EPA 8270C	-88	-88	12	136	
2020/21-4	Lab	LCS dup	6/3/2021	Organic	Naphthalene	n/a	=	8.53	µg/L	EPA 8270C	0.026	0.1			
2020/21-4	Lab	LCS dup, rec	6/3/2021	Organic	Naphthalene	n/a	=	85	%	EPA 8270C	-88	-88	12	136	
2020/21-4	Lab	LCS, RPD	6/3/2021	Organic	Naphthalene	n/a	=	7	%	EPA 8270C	-88	-88	0	30	
2020/21-4	Lab	method blank	6/17/2021	Organic	Naphthalene	n/a	<	0.026	µg/L	EPA 8270C	0.026	0.1			
2020/21-4	Lab	LCS	6/17/2021	Organic	Naphthalene	n/a	=	5.62	µg/L	EPA 8270C	0.026	0.1			
2020/21-4	Lab	LCS, rec	6/17/2021	Organic	Naphthalene	n/a	=	56	%	EPA 8270C	-88	-88	12	136	
2020/21-4	Lab	LCS dup	6/18/2021	Organic	Naphthalene	n/a	=	6	µg/L	EPA 8270C	0.026	0.1			
2020/21-4	Lab	LCS dup, rec	6/18/2021	Organic	Naphthalene	n/a	=	60	%	EPA 8270C	-88	-88	12	136	
2020/21-4	Lab	LCS, RPD	6/18/2021	Organic	Naphthalene	n/a	=	7	%	EPA 8270C	-88	-88	0	30	
2020/21-4	Lab	LCS	5/18/2021	Organic	Nitrobenzene	n/a	=	8.63	µg/L	EPA 625.1	0.36	1			
2020/21-4	Lab	LCS, rec	5/18/2021	Organic	Nitrobenzene	n/a	=	86	%	EPA 625.1	-88	-88	54	158	
2020/21-4	Lab	LCS dup	5/18/2021	Organic	Nitrobenzene	n/a	=	7.72	µg/L	EPA 625.1	0.36	1			
2020/21-4	Lab	LCS dup, rec	5/18/2021	Organic	Nitrobenzene	n/a	=	77	%	EPA 625.1	-88	-88	54	158	
2020/21-4	Lab	LCS, RPD	5/18/2021	Organic	Nitrobenzene	n/a	=	11	%	EPA 625.1	-88	-88	0	30	
2020/21-4	Lab	method blank	5/18/2021	Organic	Nitrobenzene	n/a	<	0.36	µg/L	EPA 625.1	0.36	1			
2020/21-4	Lab	LCS	5/25/2021	Organic	Nitrobenzene	n/a	=	7.26	µg/L	EPA 625.1	0.36	1			
2020/21-4	Lab	LCS, rec	5/25/2021	Organic	Nitrobenzene	n/a	=	73	%	EPA 625.1	-88	-88	54	158	
2020/21-4	Lab	LCS dup	5/25/2021	Organic	Nitrobenzene	n/a	=	7.62	µg/L	EPA 625.1	0.36	1			
2020/21-4	Lab	LCS dup, rec	5/25/2021	Organic	Nitrobenzene	n/a	=	76	%	EPA 625.1	-88	-88	54	158	
2020/21-4	Lab	LCS, RPD	5/25/2021	Organic	Nitrobenzene	n/a	=	5	%	EPA 625.1	-88	-88	0	30	
2020/21-4	Lab	method blank	5/25/2021	Organic	Nitrobenzene	n/a	<	0.36	µg/L	EPA 625.1	0.36	1			
2020/21-4	Lab	LCS	5/26/2021	Organic	Nitrobenzene	n/a	=	9.79	µg/L	EPA 625.1	0.36	1			
2020/21-4	Lab	LCS, rec	5/26/2021	Organic	Nitrobenzene	n/a	=	98	%	EPA 625.1	-88	-88	54	158	
2020/21-4	Lab	LCS dup	5/26/2021	Organic	Nitrobenzene	n/a	=	7.33	µg/L	EPA 625.1	0.36	1			
2020/21-4	Lab	LCS dup, rec	5/26/2021	Organic	Nitrobenzene	n/a	=	73	%	EPA 625.1	-88	-88	54	158	
2020/21-4	Lab	LCS, RPD	5/26/2021	Organic	Nitrobenzene	n/a	=	29	%	EPA 625.1	-88	-88	0	30	
2020/21-4	Lab	method blank	5/27/2021	Organic	Nitrobenzene	n/a	<	0.36	µg/L	EPA 625.1	0.36	1			
2020/21-4	Lab	LCS	5/27/2021	Organic	Nitrobenzene	n/a	=	8.23	µg/L	EPA 625.1	0.36	1			
2020/21-4	Lab	LCS, rec	5/27/2021	Organic	Nitrobenzene	n/a	=	82	%	EPA 625.1	-88	-88	54	158	
2020/21-4	Lab	LCS dup	5/27/2021	Organic	Nitrobenzene	n/a	=	9.08	µg/L	EPA 625.1	0.36	1			
2020/21-4	Lab	LCS dup, rec	5/27/2021	Organic	Nitrobenzene	n/a	=	91	%	EPA 625.1	-88	-88	54	158	
2020/21-4	Lab	LCS, RPD	5/27/2021	Organic	Nitrobenzene	n/a	=	10	%	EPA 625.1	-88	-88	0	30	
2020/21-4	Lab	method blank	5/27/2021	Organic	Nitrobenzene	n/a	<	0.36	µg/L	EPA 625.1	0.36	1			
2020/21-4	Lab	LCS	6/1/2021	Organic	Nitrobenzene	n/a	=	7.34	µg/L	EPA 625.1	0.36	1			
2020/21-4	Lab	LCS, rec	6/1/2021	Organic	Nitrobenzene	n/a	=	73	%	EPA 625.1	-88	-88	54	158	
2020/21-4	Lab	LCS dup	6/1/2021	Organic	Nitrobenzene	n/a	=	7.61	µg/L	EPA 625.1	0.36	1			
2020/21-4	Lab	LCS dup, rec	6/1/2021	Organic	Nitrobenzene	n/a	=	76	%	EPA 625.1	-88	-88	54	158	
2020/21-4	Lab	LCS, RPD	6/1/2021	Organic	Nitrobenzene	n/a	=	4	%	EPA 625.1	-88	-88	0	30	
2020/21-4	Lab	method blank	6/2/2021	Organic	Nitrobenzene	n/a	<	0.36	µg/L	EPA 625.1	0.36	1			
2020/21-4	Lab	srgt method blank	5/5/2021	Organic	Nitrobenzene-d5	n/a	=	4.82	µg/L	EPA 8270C	-88	-88			
2020/21-4	Lab	srgt method blank, rec	5/5/2021	Organic	Nitrobenzene-d5	n/a	=	96	%	EPA 8270C	-88	-88	51	143	
2020/21-4	Lab	srgt LCS	5/5/2021	Organic	Nitrobenzene-d5	n/a	=	5.27	µg/L	EPA 8270C	-88	-88			
2020/21-4	Lab	srgt LCS, rec	5/5/2021	Organic	Nitrobenzene-d5	n/a	=	105	%	EPA 8270C	-88	-88	51	143	
2020/21-4	Lab	srgt LCS dup	5/5/2021	Organic	Nitrobenzene-d5	n/a	=	3.95	µg/L	EPA 8270C	-88	-88			
2020/21-4	Lab	srgt LCS dup, rec	5/5/2021	Organic	Nitrobenzene-d5	n/a	=	79	%	EPA 8270C	-88	-88	51	143	
2020/21-4	Lab	srgt method blank	5/5/2021	Organic	Nitrobenzene-d5	n/a	=	4.09	µg/L	EPA 8270C	-88	-88			

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2020/21-4	Lab	srgt method blank, rec	5/5/2021	Organic	Nitrobenzene-d5	n/a	=	82	%	EPA 8270C	-88	-88	51	143	
2020/21-4	Lab	srgt LCS	5/5/2021	Organic	Nitrobenzene-d5	n/a	=	4.06	µg/L	EPA 8270C	-88	-88			
2020/21-4	Lab	srgt LCS, rec	5/5/2021	Organic	Nitrobenzene-d5	n/a	=	81	%	EPA 8270C	-88	-88	51	143	
2020/21-4	Lab	srgt LCS dup	5/5/2021	Organic	Nitrobenzene-d5	n/a	=	4.34	µg/L	EPA 8270C	-88	-88			
2020/21-4	Lab	srgt LCS dup, rec	5/5/2021	Organic	Nitrobenzene-d5	n/a	=	87	%	EPA 8270C	-88	-88	51	143	
2020/21-4	Lab	srgt LCS	5/18/2021	Organic	Nitrobenzene-d5	n/a	=	4.91	µg/L	EPA 625.1	-88	-88			
2020/21-4	Lab	srgt LCS, rec	5/18/2021	Organic	Nitrobenzene-d5	n/a	=	98	%	EPA 625.1	-88	-88	47	120	
2020/21-4	Lab	srgt LCS dup	5/18/2021	Organic	Nitrobenzene-d5	n/a	=	4.38	µg/L	EPA 625.1	-88	-88			
2020/21-4	Lab	srgt LCS dup, rec	5/18/2021	Organic	Nitrobenzene-d5	n/a	=	88	%	EPA 625.1	-88	-88	47	120	
2020/21-4	Lab	srgt method blank	5/18/2021	Organic	Nitrobenzene-d5	n/a	=	4.66	µg/L	EPA 625.1	-88	-88			
2020/21-4	Lab	srgt method blank, rec	5/18/2021	Organic	Nitrobenzene-d5	n/a	=	93	%	EPA 625.1	-88	-88	47	120	
2020/21-4	Lab	srgt LCS	5/25/2021	Organic	Nitrobenzene-d5	n/a	=	4.25	µg/L	EPA 625.1	-88	-88			
2020/21-4	Lab	srgt LCS, rec	5/25/2021	Organic	Nitrobenzene-d5	n/a	=	85	%	EPA 625.1	-88	-88	47	120	
2020/21-4	Lab	srgt LCS dup	5/25/2021	Organic	Nitrobenzene-d5	n/a	=	4.35	µg/L	EPA 625.1	-88	-88			
2020/21-4	Lab	srgt LCS dup, rec	5/25/2021	Organic	Nitrobenzene-d5	n/a	=	87	%	EPA 625.1	-88	-88	47	120	
2020/21-4	Lab	srgt method blank	5/25/2021	Organic	Nitrobenzene-d5	n/a	=	3.98	µg/L	EPA 625.1	-88	-88			
2020/21-4	Lab	srgt method blank, rec	5/25/2021	Organic	Nitrobenzene-d5	n/a	=	80	%	EPA 625.1	-88	-88	47	120	
2020/21-4	Lab	srgt LCS	5/26/2021	Organic	Nitrobenzene-d5	n/a	=	5.42	µg/L	EPA 625.1	-88	-88			
2020/21-4	Lab	srgt LCS, rec	5/26/2021	Organic	Nitrobenzene-d5	n/a	=	108	%	EPA 625.1	-88	-88	47	120	
2020/21-4	Lab	srgt LCS dup	5/26/2021	Organic	Nitrobenzene-d5	n/a	=	3.92	µg/L	EPA 625.1	-88	-88			
2020/21-4	Lab	srgt LCS dup, rec	5/26/2021	Organic	Nitrobenzene-d5	n/a	=	78	%	EPA 625.1	-88	-88	47	120	
2020/21-4	Lab	srgt method blank	5/27/2021	Organic	Nitrobenzene-d5	n/a	=	5.02	µg/L	EPA 625.1	-88	-88			
2020/21-4	Lab	srgt method blank, rec	5/27/2021	Organic	Nitrobenzene-d5	n/a	=	100	%	EPA 625.1	-88	-88	47	120	
2020/21-4	Lab	srgt LCS	5/27/2021	Organic	Nitrobenzene-d5	n/a	=	4.3	µg/L	EPA 625.1	-88	-88			
2020/21-4	Lab	srgt LCS, rec	5/27/2021	Organic	Nitrobenzene-d5	n/a	=	86	%	EPA 625.1	-88	-88	47	120	
2020/21-4	Lab	srgt LCS dup	5/27/2021	Organic	Nitrobenzene-d5	n/a	=	4.61	µg/L	EPA 625.1	-88	-88			
2020/21-4	Lab	srgt LCS dup, rec	5/27/2021	Organic	Nitrobenzene-d5	n/a	=	92	%	EPA 625.1	-88	-88	47	120	
2020/21-4	Lab	srgt method blank	5/27/2021	Organic	Nitrobenzene-d5	n/a	=	4.27	µg/L	EPA 625.1	-88	-88			
2020/21-4	Lab	srgt method blank, rec	5/27/2021	Organic	Nitrobenzene-d5	n/a	=	85	%	EPA 625.1	-88	-88	47	120	
2020/21-4	Lab	srgt LCS	5/28/2021	Organic	Nitrobenzene-d5	n/a	=	4.78	µg/L	EPA 625.1	-88	-88			
2020/21-4	Lab	srgt LCS, rec	5/28/2021	Organic	Nitrobenzene-d5	n/a	=	96	%	EPA 625.1	-88	-88	47	120	
2020/21-4	Lab	srgt LCS dup	5/28/2021	Organic	Nitrobenzene-d5	n/a	=	3.92	µg/L	EPA 625.1	-88	-88			
2020/21-4	Lab	srgt LCS dup, rec	5/28/2021	Organic	Nitrobenzene-d5	n/a	=	78	%	EPA 625.1	-88	-88	47	120	
2020/21-4	Lab	srgt method blank	5/28/2021	Organic	Nitrobenzene-d5	n/a	=	4.71	µg/L	EPA 625.1	-88	-88			
2020/21-4	Lab	srgt method blank, rec	5/28/2021	Organic	Nitrobenzene-d5	n/a	=	94	%	EPA 625.1	-88	-88	47	120	
2020/21-4	Lab	srgt LCS	6/1/2021	Organic	Nitrobenzene-d5	n/a	=	4.36	µg/L	EPA 625.1	-88	-88			
2020/21-4	Lab	srgt LCS, rec	6/1/2021	Organic	Nitrobenzene-d5	n/a	=	87	%	EPA 625.1	-88	-88	47	120	
2020/21-4	Lab	srgt LCS dup	6/1/2021	Organic	Nitrobenzene-d5	n/a	=	4.47	µg/L	EPA 625.1	-88	-88			
2020/21-4	Lab	srgt LCS dup, rec	6/1/2021	Organic	Nitrobenzene-d5	n/a	=	89	%	EPA 625.1	-88	-88	47	120	
2020/21-4	Lab	srgt method blank	6/2/2021	Organic	Nitrobenzene-d5	n/a	=	4.12	µg/L	EPA 625.1	-88	-88			
2020/21-4	Lab	srgt method blank, rec	6/2/2021	Organic	Nitrobenzene-d5	n/a	=	82	%	EPA 625.1	-88	-88	47	120	
2020/21-4	Lab	srgt method blank	6/3/2021	Organic	Nitrobenzene-d5	n/a	=	4.13	µg/L	EPA 8270C	-88	-88			
2020/21-4	Lab	srgt method blank, rec	6/3/2021	Organic	Nitrobenzene-d5	n/a	=	83	%	EPA 8270C	-88	-88	51	143	
2020/21-4	Lab	srgt LCS	6/3/2021	Organic	Nitrobenzene-d5	n/a	=	4.1	µg/L	EPA 8270C	-88	-88			
2020/21-4	Lab	srgt LCS, rec	6/3/2021	Organic	Nitrobenzene-d5	n/a	=	82	%	EPA 8270C	-88	-88	51	143	
2020/21-4	Lab	srgt LCS dup	6/3/2021	Organic	Nitrobenzene-d5	n/a	=	4.32	µg/L	EPA 8270C	-88	-88			
2020/21-4	Lab	srgt LCS dup, rec	6/3/2021	Organic	Nitrobenzene-d5	n/a	=	86	%	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	
2020/21-4	Lab	srgt method blank	6/17/2021	Organic	Nitrobenzene-d5	n/a	=	3.25	µg/L	EPA 8270C	-88	-88			
2020/21-4	Lab	srgt method blank, rec	6/17/2021	Organic	Nitrobenzene-d5	n/a	=	65	%	EPA 8270C	-88	-88	51	143	
2020/21-4	Lab	srgt LCS	6/17/2021	Organic	Nitrobenzene-d5	n/a	=	3.3	µg/L	EPA 8270C	-88	-88			
2020/21-4	Lab	srgt LCS, rec	6/17/2021	Organic	Nitrobenzene-d5	n/a	=	66	%	EPA 8270C	-88	-88	51	143	
2020/21-4	Lab	srgt LCS dup	6/18/2021	Organic	Nitrobenzene-d5	n/a	=	3.53	µg/L	EPA 8270C	-88	-88			
2020/21-4	Lab	srgt LCS dup, rec	6/18/2021	Organic	Nitrobenzene-d5	n/a	=	71	%	EPA 8270C	-88	-88	51	143	
2020/21-4	ME-CC	srgt environ	5/5/2021	Organic	Nitrobenzene-d5	n/a	=	3.95	µg/L	EPA 8270C	-88	-88			
2020/21-4	ME-CC	srgt environ, rec	5/5/2021	Organic	Nitrobenzene-d5	n/a	=	79	%	EPA 8270C	-88	-88	51	143	
2020/21-4	ME-CC	srgt environ	5/27/2021	Organic	Nitrobenzene-d5	n/a	=	4.6	µg/L	EPA 625.1	-88	-88			
2020/21-4	ME-CC	srgt environ, rec	5/27/2021	Organic	Nitrobenzene-d5	n/a	=	92	%	EPA 625.1	-88	-88	47	120	
2020/21-4	ME-SCR	srgt environ	5/5/2021	Organic	Nitrobenzene-d5	n/a	=	4.74	µg/L	EPA 8270C	-88	-88			
2020/21-4	ME-SCR	srgt environ, rec	5/5/2021	Organic	Nitrobenzene-d5	n/a	=	95	%	EPA 8270C	-88	-88	51	143	
2020/21-4	ME-SCR	srgt environ	5/27/2021	Organic	Nitrobenzene-d5	n/a	=	5.36	µg/L	EPA 625.1	-88	-88			
2020/21-4	ME-SCR	srgt environ, rec	5/27/2021	Organic	Nitrobenzene-d5	n/a	=	106	%	EPA 625.1	-88	-88	47	120	
2020/21-4	ME-VR2	srgt environ	5/19/2021	Organic	Nitrobenzene-d5	n/a	=	4.71	µg/L	EPA 625.1	-88	-88			
2020/21-4	ME-VR2	srgt environ, rec	5/19/2021	Organic	Nitrobenzene-d5	n/a	=	93	%	EPA 625.1	-88	-88	47	120	
2020/21-4	ME-VR2	srgt environ	6/3/2021	Organic	Nitrobenzene-d5	n/a	=	3.29	µg/L	EPA 8270C	-88	-88			
2020/21-4	ME-VR2	srgt environ, rec	6/3/2021	Organic	Nitrobenzene-d5	n/a	=	65	%	EPA 8270C	-88	-88	51	143	
2020/21-4	MO-CAM	srgt environ	5/5/2021	Organic	Nitrobenzene-d5	n/a	=	22.6	µg/L	EPA 8270C	-88	-88			GN
2020/21-4	MO-CAM	srgt environ, rec	5/5/2021	Organic	Nitrobenzene-d5	n/a	=	45	%	EPA 8270C	-88	-88	51	143	GN
2020/21-4	MO-CAM	srgt environ	5/27/2021	Organic	Nitrobenzene-d5	n/a	=	25.6	µg/L	EPA 625.1	-88	-88			
2020/21-4	MO-CAM	srgt environ, rec	5/27/2021	Organic	Nitrobenzene-d5	n/a	=	51	%	EPA 625.1	-88	-88	47	120	
2020/21-4	MO-FIL	srgt environ	5/5/2021	Organic	Nitrobenzene-d5	n/a	=	4.43	µg/L	EPA 8270C	-88	-88			
2020/21-4	MO-FIL	srgt environ, rec	5/5/2021	Organic	Nitrobenzene-d5	n/a	=	89	%	EPA 8270C	-88	-88	51	143	
2020/21-4	MO-FIL	srgt environ	5/27/2021	Organic	Nitrobenzene-d5	n/a	=	4.99	µg/L	EPA 625.1	-88	-88			
2020/21-4	MO-FIL	srgt environ, rec	5/27/2021	Organic	Nitrobenzene-d5	n/a	=	97	%	EPA 625.1	-88	-88	47	120	
2020/21-4	MO-HUE	srgt environ	5/19/2021	Organic	Nitrobenzene-d5	n/a	=	8.72	µg/L	EPA 625.1	-88	-88			
2020/21-4	MO-HUE	srgt environ, rec	5/19/2021	Organic	Nitrobenzene-d5	n/a	=	87	%	EPA 625.1	-88	-88	47	120	
2020/21-4	MO-HUE	srgt environ	6/3/2021	Organic	Nitrobenzene-d5	n/a	=	9.8	µg/L	EPA 8270C	-88	-88			
2020/21-4	MO-HUE	srgt environ, rec	6/3/2021	Organic	Nitrobenzene-d5	n/a	=	98	%	EPA 8270C	-88	-88	51	143	
2020/21-4	MO-MPK	srgt environ	5/5/2021	Organic	Nitrobenzene-d5	n/a	=	28.6	µg/L	EPA 8270C	-88	-88			
2020/21-4	MO-MPK	srgt environ, rec	5/5/2021	Organic	Nitrobenzene-d5	n/a	=	57	%	EPA 8270C	-88	-88	51	143	
2020/21-4	MO-MPK	srgt environ	5/27/2021	Organic	Nitrobenzene-d5	n/a	=	34	µg/L	EPA 625.1	-88	-88			
2020/21-4	MO-MPK	srgt environ, rec	5/27/2021	Organic	Nitrobenzene-d5	n/a	=	68	%	EPA 625.1	-88	-88	47	120	
2020/21-4	MO-OJA	srgt environ	5/25/2021	Organic	Nitrobenzene-d5	n/a	=	4.07	µg/L	EPA 625.1	-88	-88			
2020/21-4	MO-OJA	srgt environ, rec	5/25/2021	Organic	Nitrobenzene-d5	n/a	=	80	%	EPA 625.1	-88	-88	47	120	
2020/21-4	MO-OJA	srgt environ	6/18/2021	Organic	Nitrobenzene-d5	n/a	=	3.37	µg/L	EPA 8270C	-88	-88			
2020/21-4	MO-OJA	srgt environ, rec	6/18/2021	Organic	Nitrobenzene-d5	n/a	=	67	%	EPA 8270C	-88	-88	51	143	
2020/21-4	MO-SIM	srgt environ	5/5/2021	Organic	Nitrobenzene-d5	n/a	=	3.62	µg/L	EPA 8270C	-88	-88			
2020/21-4	MO-SIM	srgt environ, rec	5/5/2021	Organic	Nitrobenzene-d5	n/a	=	72	%	EPA 8270C	-88	-88	51	143	
2020/21-4	MO-SIM	srgt environ	5/27/2021	Organic	Nitrobenzene-d5	n/a	=	4.41	µg/L	EPA 625.1	-88	-88			
2020/21-4	MO-SIM	srgt environ, rec	5/27/2021	Organic	Nitrobenzene-d5	n/a	=	88	%	EPA 625.1	-88	-88	47	120	
2020/21-4	MO-THO	srgt environ	5/5/2021	Organic	Nitrobenzene-d5	n/a	=	3.5	µg/L	EPA 8270C	-88	-88			
2020/21-4	MO-THO	srgt environ, rec	5/5/2021	Organic	Nitrobenzene-d5	n/a	=	70	%	EPA 8270C	-88	-88	51	143	
2020/21-4	MO-THO	srgt environ	5/27/2021	Organic	Nitrobenzene-d5	n/a	=	3.96	µg/L	EPA 625.1	-88	-88			
2020/21-4	MO-THO	srgt environ, rec	5/27/2021	Organic	Nitrobenzene-d5	n/a	=	79	%	EPA 625.1	-88	-88	47	120	
2020/21-4	Lab	LCS	5/18/2021	Organic	N-Nitrosodimethylamine	n/a	=	4.75	µg/L	EPA 625.1	0.5	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	
2020/21-4	Lab	LCS, rec	5/18/2021	Organic	N-Nitrosodimethylamine	n/a	=	48	%	EPA 625.1	-88	-88	22	120	
2020/21-4	Lab	LCS dup	5/18/2021	Organic	N-Nitrosodimethylamine	n/a	=	4.47	µg/L	EPA 625.1	0.5	1			
2020/21-4	Lab	LCS dup, rec	5/18/2021	Organic	N-Nitrosodimethylamine	n/a	=	45	%	EPA 625.1	-88	-88	22	120	
2020/21-4	Lab	LCS, RPD	5/18/2021	Organic	N-Nitrosodimethylamine	n/a	=	6	%	EPA 625.1	-88	-88	0	30	
2020/21-4	Lab	method blank	5/18/2021	Organic	N-Nitrosodimethylamine	n/a	<	0.5	µg/L	EPA 625.1	0.5	1			
2020/21-4	Lab	LCS	5/25/2021	Organic	N-Nitrosodimethylamine	n/a	=	4.22	µg/L	EPA 625.1	0.5	1			
2020/21-4	Lab	LCS, rec	5/25/2021	Organic	N-Nitrosodimethylamine	n/a	=	42	%	EPA 625.1	-88	-88	22	120	
2020/21-4	Lab	LCS dup	5/25/2021	Organic	N-Nitrosodimethylamine	n/a	=	4.35	µg/L	EPA 625.1	0.5	1			
2020/21-4	Lab	LCS dup, rec	5/25/2021	Organic	N-Nitrosodimethylamine	n/a	=	44	%	EPA 625.1	-88	-88	22	120	
2020/21-4	Lab	LCS, RPD	5/25/2021	Organic	N-Nitrosodimethylamine	n/a	=	3	%	EPA 625.1	-88	-88	0	30	
2020/21-4	Lab	method blank	5/25/2021	Organic	N-Nitrosodimethylamine	n/a	<	0.5	µg/L	EPA 625.1	0.5	1			
2020/21-4	Lab	LCS	5/26/2021	Organic	N-Nitrosodimethylamine	n/a	=	5.2	µg/L	EPA 625.1	0.5	1			
2020/21-4	Lab	LCS, rec	5/26/2021	Organic	N-Nitrosodimethylamine	n/a	=	52	%	EPA 625.1	-88	-88	22	120	
2020/21-4	Lab	LCS dup	5/26/2021	Organic	N-Nitrosodimethylamine	n/a	=	4.12	µg/L	EPA 625.1	0.5	1			
2020/21-4	Lab	LCS dup, rec	5/26/2021	Organic	N-Nitrosodimethylamine	n/a	=	41	%	EPA 625.1	-88	-88	22	120	
2020/21-4	Lab	LCS, RPD	5/26/2021	Organic	N-Nitrosodimethylamine	n/a	=	23	%	EPA 625.1	-88	-88	0	30	
2020/21-4	Lab	method blank	5/27/2021	Organic	N-Nitrosodimethylamine	n/a	<	0.5	µg/L	EPA 625.1	0.5	1			
2020/21-4	Lab	LCS	5/27/2021	Organic	N-Nitrosodimethylamine	n/a	=	4.69	µg/L	EPA 625.1	0.5	1			
2020/21-4	Lab	LCS, rec	5/27/2021	Organic	N-Nitrosodimethylamine	n/a	=	47	%	EPA 625.1	-88	-88	22	120	
2020/21-4	Lab	LCS dup	5/27/2021	Organic	N-Nitrosodimethylamine	n/a	=	5.34	µg/L	EPA 625.1	0.5	1			
2020/21-4	Lab	LCS dup, rec	5/27/2021	Organic	N-Nitrosodimethylamine	n/a	=	53	%	EPA 625.1	-88	-88	22	120	
2020/21-4	Lab	LCS, RPD	5/27/2021	Organic	N-Nitrosodimethylamine	n/a	=	13	%	EPA 625.1	-88	-88	0	30	
2020/21-4	Lab	method blank	5/27/2021	Organic	N-Nitrosodimethylamine	n/a	<	0.5	µg/L	EPA 625.1	0.5	1			
2020/21-4	Lab	LCS	6/1/2021	Organic	N-Nitrosodimethylamine	n/a	=	4.05	µg/L	EPA 625.1	0.5	1			
2020/21-4	Lab	LCS, rec	6/1/2021	Organic	N-Nitrosodimethylamine	n/a	=	40	%	EPA 625.1	-88	-88	22	120	
2020/21-4	Lab	LCS dup	6/1/2021	Organic	N-Nitrosodimethylamine	n/a	=	4.34	µg/L	EPA 625.1	0.5	1			
2020/21-4	Lab	LCS dup, rec	6/1/2021	Organic	N-Nitrosodimethylamine	n/a	=	43	%	EPA 625.1	-88	-88	22	120	
2020/21-4	Lab	LCS, RPD	6/1/2021	Organic	N-Nitrosodimethylamine	n/a	=	7	%	EPA 625.1	-88	-88	0	30	
2020/21-4	Lab	method blank	6/2/2021	Organic	N-Nitrosodimethylamine	n/a	<	0.5	µg/L	EPA 625.1	0.5	1			
2020/21-4	Lab	LCS	5/18/2021	Organic	N-Nitrosodi-N-propylamine	n/a	=	8.5	µg/L	EPA 625.1	0.26	1			
2020/21-4	Lab	LCS, rec	5/18/2021	Organic	N-Nitrosodi-N-propylamine	n/a	=	85	%	EPA 625.1	-88	-88	14	198	
2020/21-4	Lab	LCS dup	5/18/2021	Organic	N-Nitrosodi-N-propylamine	n/a	=	7.69	µg/L	EPA 625.1	0.26	1			
2020/21-4	Lab	LCS dup, rec	5/18/2021	Organic	N-Nitrosodi-N-propylamine	n/a	=	77	%	EPA 625.1	-88	-88	14	198	
2020/21-4	Lab	LCS, RPD	5/18/2021	Organic	N-Nitrosodi-N-propylamine	n/a	=	10	%	EPA 625.1	-88	-88	0	30	
2020/21-4	Lab	method blank	5/18/2021	Organic	N-Nitrosodi-N-propylamine	n/a	<	0.26	µg/L	EPA 625.1	0.26	1			
2020/21-4	Lab	LCS	5/25/2021	Organic	N-Nitrosodi-N-propylamine	n/a	=	6.95	µg/L	EPA 625.1	0.26	1			
2020/21-4	Lab	LCS, rec	5/25/2021	Organic	N-Nitrosodi-N-propylamine	n/a	=	70	%	EPA 625.1	-88	-88	14	198	
2020/21-4	Lab	LCS dup	5/25/2021	Organic	N-Nitrosodi-N-propylamine	n/a	=	7.44	µg/L	EPA 625.1	0.26	1			
2020/21-4	Lab	LCS dup, rec	5/25/2021	Organic	N-Nitrosodi-N-propylamine	n/a	=	74	%	EPA 625.1	-88	-88	14	198	
2020/21-4	Lab	LCS, RPD	5/25/2021	Organic	N-Nitrosodi-N-propylamine	n/a	=	7	%	EPA 625.1	-88	-88	0	30	
2020/21-4	Lab	method blank	5/25/2021	Organic	N-Nitrosodi-N-propylamine	n/a	<	0.26	µg/L	EPA 625.1	0.26	1			
2020/21-4	Lab	LCS	5/26/2021	Organic	N-Nitrosodi-N-propylamine	n/a	=	9.33	µg/L	EPA 625.1	0.26	1			
2020/21-4	Lab	LCS, rec	5/26/2021	Organic	N-Nitrosodi-N-propylamine	n/a	=	93	%	EPA 625.1	-88	-88	14	198	
2020/21-4	Lab	LCS dup	5/26/2021	Organic	N-Nitrosodi-N-propylamine	n/a	=	7.12	µg/L	EPA 625.1	0.26	1			
2020/21-4	Lab	LCS dup, rec	5/26/2021	Organic	N-Nitrosodi-N-propylamine	n/a	=	71	%	EPA 625.1	-88	-88	14	198	
2020/21-4	Lab	LCS, RPD	5/26/2021	Organic	N-Nitrosodi-N-propylamine	n/a	=	27	%	EPA 625.1	-88	-88	0	30	
2020/21-4	Lab	method blank	5/27/2021	Organic	N-Nitrosodi-N-propylamine	n/a	<	0.26	µg/L	EPA 625.1	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	
2020/21-4	Lab	LCS	5/27/2021	Organic	N-Nitrosodi-N-propylamine	n/a	=	7.92	µg/L	EPA 625.1	0.26	1			
2020/21-4	Lab	LCS, rec	5/27/2021	Organic	N-Nitrosodi-N-propylamine	n/a	=	79	%	EPA 625.1	-88	-88	14	198	
2020/21-4	Lab	LCS dup	5/27/2021	Organic	N-Nitrosodi-N-propylamine	n/a	=	8.59	µg/L	EPA 625.1	0.26	1			
2020/21-4	Lab	LCS dup, rec	5/27/2021	Organic	N-Nitrosodi-N-propylamine	n/a	=	86	%	EPA 625.1	-88	-88	14	198	
2020/21-4	Lab	LCS, RPD	5/27/2021	Organic	N-Nitrosodi-N-propylamine	n/a	=	8	%	EPA 625.1	-88	-88	0	30	
2020/21-4	Lab	method blank	5/27/2021	Organic	N-Nitrosodi-N-propylamine	n/a	<	0.26	µg/L	EPA 625.1	0.26	1			
2020/21-4	Lab	LCS	5/28/2021	Organic	N-Nitrosodi-N-propylamine	n/a	=	8.55	µg/L	EPA 625.1	0.26	1			
2020/21-4	Lab	LCS, rec	5/28/2021	Organic	N-Nitrosodi-N-propylamine	n/a	=	85	%	EPA 625.1	-88	-88	14	198	
2020/21-4	Lab	LCS dup	5/28/2021	Organic	N-Nitrosodi-N-propylamine	n/a	=	7.36	µg/L	EPA 625.1	0.26	1			
2020/21-4	Lab	LCS dup, rec	5/28/2021	Organic	N-Nitrosodi-N-propylamine	n/a	=	74	%	EPA 625.1	-88	-88	14	198	
2020/21-4	Lab	LCS, RPD	5/28/2021	Organic	N-Nitrosodi-N-propylamine	n/a	=	15	%	EPA 625.1	-88	-88	0	30	
2020/21-4	Lab	method blank	5/28/2021	Organic	N-Nitrosodi-N-propylamine	n/a	<	0.26	µg/L	EPA 625.1	0.26	1			
2020/21-4	Lab	LCS	6/1/2021	Organic	N-Nitrosodi-N-propylamine	n/a	=	7.03	µg/L	EPA 625.1	0.26	1			
2020/21-4	Lab	LCS, rec	6/1/2021	Organic	N-Nitrosodi-N-propylamine	n/a	=	70	%	EPA 625.1	-88	-88	14	198	
2020/21-4	Lab	LCS dup	6/1/2021	Organic	N-Nitrosodi-N-propylamine	n/a	=	7.45	µg/L	EPA 625.1	0.26	1			
2020/21-4	Lab	LCS dup, rec	6/1/2021	Organic	N-Nitrosodi-N-propylamine	n/a	=	74	%	EPA 625.1	-88	-88	14	198	
2020/21-4	Lab	LCS, RPD	6/1/2021	Organic	N-Nitrosodi-N-propylamine	n/a	=	6	%	EPA 625.1	-88	-88	0	30	
2020/21-4	Lab	method blank	6/2/2021	Organic	N-Nitrosodi-N-propylamine	n/a	<	0.26	µg/L	EPA 625.1	0.26	1			
2020/21-4	Lab	LCS	5/18/2021	Organic	N-Nitrosodiphenylamine	n/a	=	7.8	µg/L	EPA 625.1	0.19	1			
2020/21-4	Lab	LCS, rec	5/18/2021	Organic	N-Nitrosodiphenylamine	n/a	=	78	%	EPA 625.1	-88	-88	47	120	
2020/21-4	Lab	LCS dup	5/18/2021	Organic	N-Nitrosodiphenylamine	n/a	=	7.34	µg/L	EPA 625.1	0.19	1			
2020/21-4	Lab	LCS dup, rec	5/18/2021	Organic	N-Nitrosodiphenylamine	n/a	=	73	%	EPA 625.1	-88	-88	47	120	
2020/21-4	Lab	LCS, RPD	5/18/2021	Organic	N-Nitrosodiphenylamine	n/a	=	6	%	EPA 625.1	-88	-88	0	30	
2020/21-4	Lab	method blank	5/18/2021	Organic	N-Nitrosodiphenylamine	n/a	<	0.19	µg/L	EPA 625.1	0.19	1			
2020/21-4	Lab	LCS	5/25/2021	Organic	N-Nitrosodiphenylamine	n/a	=	5.84	µg/L	EPA 625.1	0.19	1			
2020/21-4	Lab	LCS, rec	5/25/2021	Organic	N-Nitrosodiphenylamine	n/a	=	58	%	EPA 625.1	-88	-88	47	120	
2020/21-4	Lab	LCS dup	5/25/2021	Organic	N-Nitrosodiphenylamine	n/a	=	6.5	µg/L	EPA 625.1	0.19	1			
2020/21-4	Lab	LCS dup, rec	5/25/2021	Organic	N-Nitrosodiphenylamine	n/a	=	65	%	EPA 625.1	-88	-88	47	120	
2020/21-4	Lab	LCS, RPD	5/25/2021	Organic	N-Nitrosodiphenylamine	n/a	=	11	%	EPA 625.1	-88	-88	0	30	
2020/21-4	Lab	method blank	5/25/2021	Organic	N-Nitrosodiphenylamine	n/a	<	0.19	µg/L	EPA 625.1	0.19	1			
2020/21-4	Lab	LCS	5/26/2021	Organic	N-Nitrosodiphenylamine	n/a	=	8.52	µg/L	EPA 625.1	0.19	1			
2020/21-4	Lab	LCS, rec	5/26/2021	Organic	N-Nitrosodiphenylamine	n/a	=	85	%	EPA 625.1	-88	-88	47	120	
2020/21-4	Lab	LCS dup	5/26/2021	Organic	N-Nitrosodiphenylamine	n/a	=	6.55	µg/L	EPA 625.1	0.19	1			
2020/21-4	Lab	LCS dup, rec	5/26/2021	Organic	N-Nitrosodiphenylamine	n/a	=	66	%	EPA 625.1	-88	-88	47	120	
2020/21-4	Lab	LCS, RPD	5/26/2021	Organic	N-Nitrosodiphenylamine	n/a	=	26	%	EPA 625.1	-88	-88	0	30	
2020/21-4	Lab	method blank	5/27/2021	Organic	N-Nitrosodiphenylamine	n/a	<	0.19	µg/L	EPA 625.1	0.19	1			
2020/21-4	Lab	LCS	5/27/2021	Organic	N-Nitrosodiphenylamine	n/a	=	7.36	µg/L	EPA 625.1	0.19	1			
2020/21-4	Lab	LCS, rec	5/27/2021	Organic	N-Nitrosodiphenylamine	n/a	=	74	%	EPA 625.1	-88	-88	47	120	
2020/21-4	Lab	LCS dup	5/27/2021	Organic	N-Nitrosodiphenylamine	n/a	=	7.75	µg/L	EPA 625.1	0.19	1			
2020/21-4	Lab	LCS dup, rec	5/27/2021	Organic	N-Nitrosodiphenylamine	n/a	=	78	%	EPA 625.1	-88	-88	47	120	
2020/21-4	Lab	LCS, RPD	5/27/2021	Organic	N-Nitrosodiphenylamine	n/a	=	5	%	EPA 625.1	-88	-88	0	30	
2020/21-4	Lab	method blank	5/27/2021	Organic	N-Nitrosodiphenylamine	n/a	<	0.19	µg/L	EPA 625.1	0.19	1			
2020/21-4	Lab	LCS	6/1/2021	Organic	N-Nitrosodiphenylamine	n/a	=	6.53	µg/L	EPA 625.1	0.19	1			
2020/21-4	Lab	LCS, rec	6/1/2021	Organic	N-Nitrosodiphenylamine	n/a	=	65	%	EPA 625.1	-88	-88	47	120	
2020/21-4	Lab	LCS dup	6/1/2021	Organic	N-Nitrosodiphenylamine	n/a	=	7.22	µg/L	EPA 625.1	0.19	1			
2020/21-4	Lab	LCS dup, rec	6/1/2021	Organic	N-Nitrosodiphenylamine	n/a	=	72	%	EPA 625.1	-88	-88	47	120	
2020/21-4	Lab	LCS, RPD	6/1/2021	Organic	N-Nitrosodiphenylamine	n/a	=	10	%	EPA 625.1	-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	
2020/21-4	Lab	method blank	6/2/2021	Organic	N-Nitrosodiphenylamine	n/a	<	0.19	µg/L	EPA 625.1	0.19	1			
2020/21-4	Lab	srgt method blank	5/11/2021	Organic	Perylene-d12	n/a	=	4.47	µg/L	EPA 525.2	-88	-88			
2020/21-4	Lab	srgt method blank, rec	5/11/2021	Organic	Perylene-d12	n/a	=	89	%	EPA 525.2	-88	-88	50	120	
2020/21-4	Lab	srgt LCS	5/11/2021	Organic	Perylene-d12	n/a	=	4.59	µg/L	EPA 525.2	-88	-88			
2020/21-4	Lab	srgt LCS, rec	5/11/2021	Organic	Perylene-d12	n/a	=	92	%	EPA 525.2	-88	-88	50	120	
2020/21-4	Lab	srgt LCS dup	5/11/2021	Organic	Perylene-d12	n/a	=	4.02	µg/L	EPA 525.2	-88	-88			
2020/21-4	Lab	srgt LCS dup, rec	5/11/2021	Organic	Perylene-d12	n/a	=	80	%	EPA 525.2	-88	-88	50	120	
2020/21-4	Lab	srgt method blank	5/13/2021	Organic	Perylene-d12	n/a	=	4.51	µg/L	EPA 525.2	-88	-88			
2020/21-4	Lab	srgt method blank, rec	5/13/2021	Organic	Perylene-d12	n/a	=	90	%	EPA 525.2	-88	-88	50	120	
2020/21-4	Lab	srgt LCS	5/13/2021	Organic	Perylene-d12	n/a	=	5.18	µg/L	EPA 525.2	-88	-88			
2020/21-4	Lab	srgt LCS, rec	5/13/2021	Organic	Perylene-d12	n/a	=	104	%	EPA 525.2	-88	-88	50	120	
2020/21-4	Lab	srgt LCS dup	5/13/2021	Organic	Perylene-d12	n/a	=	4.88	µg/L	EPA 525.2	-88	-88			
2020/21-4	Lab	srgt LCS dup, rec	5/13/2021	Organic	Perylene-d12	n/a	=	98	%	EPA 525.2	-88	-88	50	120	
2020/21-4	Lab	srgt method blank	6/3/2021	Organic	Perylene-d12	n/a	=	5.08	µg/L	EPA 525.2	-88	-88			
2020/21-4	Lab	srgt method blank, rec	6/3/2021	Organic	Perylene-d12	n/a	=	102	%	EPA 525.2	-88	-88	50	120	
2020/21-4	Lab	srgt LCS	6/3/2021	Organic	Perylene-d12	n/a	=	5.39	µg/L	EPA 525.2	-88	-88			
2020/21-4	Lab	srgt LCS, rec	6/3/2021	Organic	Perylene-d12	n/a	=	108	%	EPA 525.2	-88	-88	50	120	
2020/21-4	Lab	srgt LCS dup	6/3/2021	Organic	Perylene-d12	n/a	=	5.27	µg/L	EPA 525.2	-88	-88			
2020/21-4	Lab	srgt LCS dup, rec	6/3/2021	Organic	Perylene-d12	n/a	=	105	%	EPA 525.2	-88	-88	50	120	
2020/21-4	Lab	srgt method blank	6/3/2021	Organic	Perylene-d12	n/a	=	5.05	µg/L	EPA 525.2	-88	-88			
2020/21-4	Lab	srgt method blank, rec	6/3/2021	Organic	Perylene-d12	n/a	=	101	%	EPA 525.2	-88	-88	50	120	
2020/21-4	Lab	srgt LCS	6/3/2021	Organic	Perylene-d12	n/a	=	5.41	µg/L	EPA 525.2	-88	-88			
2020/21-4	Lab	srgt LCS, rec	6/3/2021	Organic	Perylene-d12	n/a	=	108	%	EPA 525.2	-88	-88	50	120	
2020/21-4	Lab	srgt LCS dup	6/4/2021	Organic	Perylene-d12	n/a	=	4.71	µg/L	EPA 525.2	-88	-88			
2020/21-4	Lab	srgt LCS dup, rec	6/4/2021	Organic	Perylene-d12	n/a	=	94	%	EPA 525.2	-88	-88	50	120	
2020/21-4	Lab	srgt method blank	6/4/2021	Organic	Perylene-d12	n/a	=	4.24	µg/L	EPA 525.2	-88	-88			
2020/21-4	Lab	srgt method blank, rec	6/4/2021	Organic	Perylene-d12	n/a	=	85	%	EPA 525.2	-88	-88	50	120	
2020/21-4	Lab	srgt LCS	6/4/2021	Organic	Perylene-d12	n/a	=	5.18	µg/L	EPA 525.2	-88	-88			
2020/21-4	Lab	srgt LCS, rec	6/4/2021	Organic	Perylene-d12	n/a	=	104	%	EPA 525.2	-88	-88	50	120	
2020/21-4	Lab	srgt LCS dup	6/4/2021	Organic	Perylene-d12	n/a	=	5.21	µg/L	EPA 525.2	-88	-88			
2020/21-4	Lab	srgt LCS dup, rec	6/4/2021	Organic	Perylene-d12	n/a	=	104	%	EPA 525.2	-88	-88	50	120	
2020/21-4	ME-CC	srgt environ	5/12/2021	Organic	Perylene-d12	n/a	=	4.97	µg/L	EPA 525.2	-88	-88			
2020/21-4	ME-CC	srgt environ, rec	5/12/2021	Organic	Perylene-d12	n/a	=	99	%	EPA 525.2	-88	-88	50	120	
2020/21-4	ME-CC	srgt environ	6/3/2021	Organic	Perylene-d12	n/a	=	4.99	µg/L	EPA 525.2	-88	-88			CK,H,PJN
2020/21-4	ME-CC	srgt environ, rec	6/3/2021	Organic	Perylene-d12	n/a	=	100	%	EPA 525.2	-88	-88	50	120	CK,H,PJN
2020/21-4	ME-SCR	srgt environ	5/13/2021	Organic	Perylene-d12	n/a	=	4.47	µg/L	EPA 525.2	-88	-88			
2020/21-4	ME-SCR	srgt environ, rec	5/13/2021	Organic	Perylene-d12	n/a	=	89	%	EPA 525.2	-88	-88	50	120	
2020/21-4	ME-VR2	srgt environ	6/3/2021	Organic	Perylene-d12	n/a	=	5.02	µg/L	EPA 525.2	-88	-88			
2020/21-4	ME-VR2	srgt environ, rec	6/3/2021	Organic	Perylene-d12	n/a	=	100	%	EPA 525.2	-88	-88	50	120	
2020/21-4	MO-CAM	srgt environ	5/12/2021	Organic	Perylene-d12	n/a	=	9.79	µg/L	EPA 525.2	-88	-88			
2020/21-4	MO-CAM	srgt environ, rec	5/12/2021	Organic	Perylene-d12	n/a	=	98	%	EPA 525.2	-88	-88	50	120	
2020/21-4	MO-FIL	srgt environ	5/13/2021	Organic	Perylene-d12	n/a	=	4.93	µg/L	EPA 525.2	-88	-88			
2020/21-4	MO-FIL	srgt environ, rec	5/13/2021	Organic	Perylene-d12	n/a	=	99	%	EPA 525.2	-88	-88	50	120	
2020/21-4	MO-HUE	srgt environ	6/3/2021	Organic	Perylene-d12	n/a	=	4.57	µg/L	EPA 525.2	-88	-88			
2020/21-4	MO-HUE	srgt environ, rec	6/3/2021	Organic	Perylene-d12	n/a	=	91	%	EPA 525.2	-88	-88	50	120	
2020/21-4	MO-MPK	srgt environ	5/12/2021	Organic	Perylene-d12	n/a	=	4.37	µg/L	EPA 525.2	-88	-88			
2020/21-4	MO-MPK	srgt environ, rec	5/12/2021	Organic	Perylene-d12	n/a	=	87	%	EPA 525.2	-88	-88	50	120	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2020/21-4	MO-OJA	srgt environ	6/4/2021	Organic	Perylene-d12	n/a	=	1.58	µg/L	EPA 525.2	-88	-88			GN
2020/21-4	MO-OJA	srgt environ, rec	6/4/2021	Organic	Perylene-d12	n/a	=	31	%	EPA 525.2	-88	-88	50	120	GN
2020/21-4	MO-SIM	srgt environ	5/12/2021	Organic	Perylene-d12	n/a	=	5.21	µg/L	EPA 525.2	-88	-88			
2020/21-4	MO-SIM	srgt environ, rec	5/12/2021	Organic	Perylene-d12	n/a	=	104	%	EPA 525.2	-88	-88	50	120	
2020/21-4	MO-THO	srgt environ	5/12/2021	Organic	Perylene-d12	n/a	=	5.09	µg/L	EPA 525.2	-88	-88			
2020/21-4	MO-THO	srgt environ, rec	5/12/2021	Organic	Perylene-d12	n/a	=	102	%	EPA 525.2	-88	-88	50	120	
2020/21-4	MO-THO	srgt environ	6/3/2021	Organic	Perylene-d12	n/a	=	5.18	µg/L	EPA 525.2	-88	-88			CK,H,PJN
2020/21-4	MO-THO	srgt environ, rec	6/3/2021	Organic	Perylene-d12	n/a	=	104	%	EPA 525.2	-88	-88	50	120	CK,H,PJN
2020/21-4	Lab	method blank	5/5/2021	Organic	Phenanthrene	n/a	<	0.029	µg/L	EPA 8270C	0.029	0.1			
2020/21-4	Lab	LCS	5/5/2021	Organic	Phenanthrene	n/a	=	9.39	µg/L	EPA 8270C	0.029	0.1			
2020/21-4	Lab	LCS, rec	5/5/2021	Organic	Phenanthrene	n/a	=	94	%	EPA 8270C	-88	-88	21	131	
2020/21-4	Lab	LCS dup	5/5/2021	Organic	Phenanthrene	n/a	=	8.17	µg/L	EPA 8270C	0.029	0.1			
2020/21-4	Lab	LCS dup, rec	5/5/2021	Organic	Phenanthrene	n/a	=	82	%	EPA 8270C	-88	-88	21	131	
2020/21-4	Lab	LCS, RPD	5/5/2021	Organic	Phenanthrene	n/a	=	14	%	EPA 8270C	-88	-88	0	30	
2020/21-4	Lab	method blank	5/5/2021	Organic	Phenanthrene	n/a	<	0.029	µg/L	EPA 8270C	0.029	0.1			
2020/21-4	Lab	LCS	5/5/2021	Organic	Phenanthrene	n/a	=	8.25	µg/L	EPA 8270C	0.029	0.1			
2020/21-4	Lab	LCS, rec	5/5/2021	Organic	Phenanthrene	n/a	=	83	%	EPA 8270C	-88	-88	21	131	
2020/21-4	Lab	LCS dup	5/5/2021	Organic	Phenanthrene	n/a	=	8.86	µg/L	EPA 8270C	0.029	0.1			
2020/21-4	Lab	LCS dup, rec	5/5/2021	Organic	Phenanthrene	n/a	=	89	%	EPA 8270C	-88	-88	21	131	
2020/21-4	Lab	LCS, RPD	5/5/2021	Organic	Phenanthrene	n/a	=	7	%	EPA 8270C	-88	-88	0	30	
2020/21-4	Lab	LCS	5/18/2021	Organic	Phenanthrene	n/a	=	9.25	µg/L	EPA 625.1	0.32	1			
2020/21-4	Lab	LCS, rec	5/18/2021	Organic	Phenanthrene	n/a	=	92	%	EPA 625.1	-88	-88	65	120	
2020/21-4	Lab	LCS dup	5/18/2021	Organic	Phenanthrene	n/a	=	8.71	µg/L	EPA 625.1	0.32	1			
2020/21-4	Lab	LCS dup, rec	5/18/2021	Organic	Phenanthrene	n/a	=	87	%	EPA 625.1	-88	-88	65	120	
2020/21-4	Lab	LCS, RPD	5/18/2021	Organic	Phenanthrene	n/a	=	6	%	EPA 625.1	-88	-88	0	30	
2020/21-4	Lab	method blank	5/18/2021	Organic	Phenanthrene	n/a	<	0.32	µg/L	EPA 625.1	0.32	1			
2020/21-4	Lab	LCS	5/25/2021	Organic	Phenanthrene	n/a	=	7.22	µg/L	EPA 625.1	0.32	1			
2020/21-4	Lab	LCS, rec	5/25/2021	Organic	Phenanthrene	n/a	=	72	%	EPA 625.1	-88	-88	65	120	
2020/21-4	Lab	LCS dup	5/25/2021	Organic	Phenanthrene	n/a	=	7.87	µg/L	EPA 625.1	0.32	1			
2020/21-4	Lab	LCS dup, rec	5/25/2021	Organic	Phenanthrene	n/a	=	79	%	EPA 625.1	-88	-88	65	120	
2020/21-4	Lab	LCS, RPD	5/25/2021	Organic	Phenanthrene	n/a	=	9	%	EPA 625.1	-88	-88	0	30	
2020/21-4	Lab	method blank	5/25/2021	Organic	Phenanthrene	n/a	<	0.32	µg/L	EPA 625.1	0.32	1			
2020/21-4	Lab	LCS	5/26/2021	Organic	Phenanthrene	n/a	=	9.48	µg/L	EPA 625.1	0.32	1			
2020/21-4	Lab	LCS, rec	5/26/2021	Organic	Phenanthrene	n/a	=	95	%	EPA 625.1	-88	-88	65	120	
2020/21-4	Lab	LCS dup	5/26/2021	Organic	Phenanthrene	n/a	=	8.11	µg/L	EPA 625.1	0.32	1			
2020/21-4	Lab	LCS dup, rec	5/26/2021	Organic	Phenanthrene	n/a	=	81	%	EPA 625.1	-88	-88	65	120	
2020/21-4	Lab	LCS, RPD	5/26/2021	Organic	Phenanthrene	n/a	=	16	%	EPA 625.1	-88	-88	0	30	
2020/21-4	Lab	method blank	5/27/2021	Organic	Phenanthrene	n/a	<	0.32	µg/L	EPA 625.1	0.32	1			
2020/21-4	Lab	LCS	5/27/2021	Organic	Phenanthrene	n/a	=	8.51	µg/L	EPA 625.1	0.32	1			
2020/21-4	Lab	LCS, rec	5/27/2021	Organic	Phenanthrene	n/a	=	85	%	EPA 625.1	-88	-88	65	120	
2020/21-4	Lab	LCS dup	5/27/2021	Organic	Phenanthrene	n/a	=	8.79	µg/L	EPA 625.1	0.32	1			
2020/21-4	Lab	LCS dup, rec	5/27/2021	Organic	Phenanthrene	n/a	=	88	%	EPA 625.1	-88	-88	65	120	
2020/21-4	Lab	LCS, RPD	5/27/2021	Organic	Phenanthrene	n/a	=	3	%	EPA 625.1	-88	-88	0	30	
2020/21-4	Lab	method blank	5/27/2021	Organic	Phenanthrene	n/a	<	0.32	µg/L	EPA 625.1	0.32	1			
2020/21-4	Lab	LCS	6/1/2021	Organic	Phenanthrene	n/a	=	7.55	µg/L	EPA 625.1	0.32	1			
2020/21-4	Lab	LCS, rec	6/1/2021	Organic	Phenanthrene	n/a	=	75	%	EPA 625.1	-88	-88	65	120	
2020/21-4	Lab	LCS dup	6/1/2021	Organic	Phenanthrene	n/a	=	8.24	µg/L	EPA 625.1	0.32	1			

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2020/21-4	Lab	LCS dup, rec	6/1/2021	Organic	Phenanthrene	n/a	=	82	%	EPA 625.1	-88	-88	65	120	
2020/21-4	Lab	LCS, RPD	6/1/2021	Organic	Phenanthrene	n/a	=	9	%	EPA 625.1	-88	-88	0	30	
2020/21-4	Lab	method blank	6/2/2021	Organic	Phenanthrene	n/a	<	0.32	µg/L	EPA 625.1	0.32	1			
2020/21-4	Lab	method blank	6/3/2021	Organic	Phenanthrene	n/a	<	0.029	µg/L	EPA 8270C	0.029	0.1			
2020/21-4	Lab	LCS	6/3/2021	Organic	Phenanthrene	n/a	=	8.85	µg/L	EPA 8270C	0.029	0.1			
2020/21-4	Lab	LCS, rec	6/3/2021	Organic	Phenanthrene	n/a	=	88	%	EPA 8270C	-88	-88	21	131	
2020/21-4	Lab	LCS dup	6/3/2021	Organic	Phenanthrene	n/a	=	9.45	µg/L	EPA 8270C	0.029	0.1			
2020/21-4	Lab	LCS dup, rec	6/3/2021	Organic	Phenanthrene	n/a	=	94	%	EPA 8270C	-88	-88	21	131	
2020/21-4	Lab	LCS, RPD	6/3/2021	Organic	Phenanthrene	n/a	=	7	%	EPA 8270C	-88	-88	0	30	
2020/21-4	Lab	method blank	6/17/2021	Organic	Phenanthrene	n/a	<	0.029	µg/L	EPA 8270C	0.029	0.1			
2020/21-4	Lab	LCS	6/17/2021	Organic	Phenanthrene	n/a	=	6.27	µg/L	EPA 8270C	0.029	0.1			
2020/21-4	Lab	LCS, rec	6/17/2021	Organic	Phenanthrene	n/a	=	63	%	EPA 8270C	-88	-88	21	131	
2020/21-4	Lab	LCS dup	6/18/2021	Organic	Phenanthrene	n/a	=	7.05	µg/L	EPA 8270C	0.029	0.1			
2020/21-4	Lab	LCS dup, rec	6/18/2021	Organic	Phenanthrene	n/a	=	71	%	EPA 8270C	-88	-88	21	131	
2020/21-4	Lab	LCS, RPD	6/18/2021	Organic	Phenanthrene	n/a	=	12	%	EPA 8270C	-88	-88	0	30	
2020/21-4	Lab	LCS	5/18/2021	Organic	Phenol	n/a	=	3.76	µg/L	EPA 625.1	0.16	1			
2020/21-4	Lab	LCS, rec	5/18/2021	Organic	Phenol	n/a	=	38	%	EPA 625.1	-88	-88	17	120	
2020/21-4	Lab	LCS dup	5/18/2021	Organic	Phenol	n/a	=	2.99	µg/L	EPA 625.1	0.16	1			
2020/21-4	Lab	LCS dup, rec	5/18/2021	Organic	Phenol	n/a	=	30	%	EPA 625.1	-88	-88	17	120	
2020/21-4	Lab	LCS, RPD	5/18/2021	Organic	Phenol	n/a	=	23	%	EPA 625.1	-88	-88	0	30	
2020/21-4	Lab	method blank	5/18/2021	Organic	Phenol	n/a	<	0.16	µg/L	EPA 625.1	0.16	1			
2020/21-4	Lab	method blank	5/24/2021	Organic	Phenol	n/a	<	0.35	µg/L	EPA 8270C	0.35	1			
2020/21-4	Lab	LCS	5/24/2021	Organic	Phenol	n/a	=	4.09	µg/L	EPA 8270C	0.35	1			
2020/21-4	Lab	LCS, rec	5/24/2021	Organic	Phenol	n/a	=	41	%	EPA 8270C	-88	-88	6	43	
2020/21-4	Lab	LCS dup	5/24/2021	Organic	Phenol	n/a	=	3.07	µg/L	EPA 8270C	0.35	1			
2020/21-4	Lab	LCS dup, rec	5/24/2021	Organic	Phenol	n/a	=	31	%	EPA 8270C	-88	-88	6	43	
2020/21-4	Lab	LCS, RPD	5/24/2021	Organic	Phenol	n/a	=	28	%	EPA 8270C	-88	-88	0	30	
2020/21-4	Lab	method blank	5/24/2021	Organic	Phenol	n/a	<	0.35	µg/L	EPA 8270C	0.35	1			
2020/21-4	Lab	LCS	5/24/2021	Organic	Phenol	n/a	=	3.49	µg/L	EPA 8270C	0.35	1			
2020/21-4	Lab	LCS, rec	5/24/2021	Organic	Phenol	n/a	=	35	%	EPA 8270C	-88	-88	6	43	
2020/21-4	Lab	LCS dup	5/24/2021	Organic	Phenol	n/a	=	3.86	µg/L	EPA 8270C	0.35	1			
2020/21-4	Lab	LCS dup, rec	5/24/2021	Organic	Phenol	n/a	=	39	%	EPA 8270C	-88	-88	6	43	
2020/21-4	Lab	LCS, RPD	5/24/2021	Organic	Phenol	n/a	=	10	%	EPA 8270C	-88	-88	0	30	
2020/21-4	Lab	method blank	5/25/2021	Organic	Phenol	n/a	<	0.35	µg/L	EPA 8270C	0.35	1			
2020/21-4	Lab	LCS	5/25/2021	Organic	Phenol	n/a	=	3.53	µg/L	EPA 8270C	0.35	1			
2020/21-4	Lab	LCS, rec	5/25/2021	Organic	Phenol	n/a	=	35	%	EPA 8270C	-88	-88	6	43	
2020/21-4	Lab	LCS dup	5/25/2021	Organic	Phenol	n/a	=	2.66	µg/L	EPA 8270C	0.35	1			
2020/21-4	Lab	LCS dup, rec	5/25/2021	Organic	Phenol	n/a	=	27	%	EPA 8270C	-88	-88	6	43	
2020/21-4	Lab	LCS, RPD	5/25/2021	Organic	Phenol	n/a	=	28	%	EPA 8270C	-88	-88	0	30	
2020/21-4	Lab	LCS	5/25/2021	Organic	Phenol	n/a	=	3.06	µg/L	EPA 625.1	0.16	1			
2020/21-4	Lab	LCS, rec	5/25/2021	Organic	Phenol	n/a	=	31	%	EPA 625.1	-88	-88	17	120	
2020/21-4	Lab	LCS dup	5/25/2021	Organic	Phenol	n/a	=	3.22	µg/L	EPA 625.1	0.16	1			
2020/21-4	Lab	LCS dup, rec	5/25/2021	Organic	Phenol	n/a	=	32	%	EPA 625.1	-88	-88	17	120	
2020/21-4	Lab	LCS, RPD	5/25/2021	Organic	Phenol	n/a	=	5	%	EPA 625.1	-88	-88	0	30	
2020/21-4	Lab	method blank	5/25/2021	Organic	Phenol	n/a	<	0.16	µg/L	EPA 625.1	0.16	1			
2020/21-4	Lab	LCS	5/26/2021	Organic	Phenol	n/a	=	3.92	µg/L	EPA 625.1	0.16	1			
2020/21-4	Lab	LCS, rec	5/26/2021	Organic	Phenol	n/a	=	39	%	EPA 625.1	-88	-88	17	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	
2020/21-4	Lab	LCS dup	5/26/2021	Organic	Phenol	n/a	=	2.91	µg/L	EPA 625.1	0.16	1			
2020/21-4	Lab	LCS dup, rec	5/26/2021	Organic	Phenol	n/a	=	29	%	EPA 625.1	-88	-88	17	120	
2020/21-4	Lab	LCS, RPD	5/26/2021	Organic	Phenol	n/a	=	29	%	EPA 625.1	-88	-88	0	30	
2020/21-4	Lab	method blank	5/27/2021	Organic	Phenol	n/a	<	0.16	µg/L	EPA 625.1	0.16	1			
2020/21-4	Lab	LCS	5/27/2021	Organic	Phenol	n/a	=	3.35	µg/L	EPA 625.1	0.16	1			
2020/21-4	Lab	LCS, rec	5/27/2021	Organic	Phenol	n/a	=	34	%	EPA 625.1	-88	-88	17	120	
2020/21-4	Lab	LCS dup	5/27/2021	Organic	Phenol	n/a	=	3.8	µg/L	EPA 625.1	0.16	1			
2020/21-4	Lab	LCS dup, rec	5/27/2021	Organic	Phenol	n/a	=	38	%	EPA 625.1	-88	-88	17	120	
2020/21-4	Lab	LCS, RPD	5/27/2021	Organic	Phenol	n/a	=	13	%	EPA 625.1	-88	-88	0	30	
2020/21-4	Lab	method blank	5/27/2021	Organic	Phenol	n/a	<	0.16	µg/L	EPA 625.1	0.16	1			
2020/21-4	Lab	LCS	6/1/2021	Organic	Phenol	n/a	=	3.1	µg/L	EPA 625.1	0.16	1			
2020/21-4	Lab	LCS, rec	6/1/2021	Organic	Phenol	n/a	=	31	%	EPA 625.1	-88	-88	17	120	
2020/21-4	Lab	LCS dup	6/1/2021	Organic	Phenol	n/a	=	3.24	µg/L	EPA 625.1	0.16	1			
2020/21-4	Lab	LCS dup, rec	6/1/2021	Organic	Phenol	n/a	=	32	%	EPA 625.1	-88	-88	17	120	
2020/21-4	Lab	LCS, RPD	6/1/2021	Organic	Phenol	n/a	=	4	%	EPA 625.1	-88	-88	0	30	
2020/21-4	Lab	method blank	6/2/2021	Organic	Phenol	n/a	<	0.16	µg/L	EPA 625.1	0.16	1			
2020/21-4	Lab	method blank	6/3/2021	Organic	Phenol	n/a	<	0.35	µg/L	EPA 8270C	0.35	1			
2020/21-4	Lab	LCS	6/3/2021	Organic	Phenol	n/a	=	2.51	µg/L	EPA 8270C	0.35	1			
2020/21-4	Lab	LCS, rec	6/3/2021	Organic	Phenol	n/a	=	25	%	EPA 8270C	-88	-88	6	43	
2020/21-4	Lab	LCS dup	6/3/2021	Organic	Phenol	n/a	=	2.74	µg/L	EPA 8270C	0.35	1			
2020/21-4	Lab	LCS dup, rec	6/3/2021	Organic	Phenol	n/a	=	27	%	EPA 8270C	-88	-88	6	43	
2020/21-4	Lab	LCS, RPD	6/3/2021	Organic	Phenol	n/a	=	9	%	EPA 8270C	-88	-88	0	30	
2020/21-4	Lab	srgt LCS	5/18/2021	Organic	Phenol-d5	n/a	=	3.6	µg/L	EPA 625.1	-88	-88			
2020/21-4	Lab	srgt LCS, rec	5/18/2021	Organic	Phenol-d5	n/a	=	36	%	EPA 625.1	-88	-88	12	120	
2020/21-4	Lab	srgt LCS dup	5/18/2021	Organic	Phenol-d5	n/a	=	2.81	µg/L	EPA 625.1	-88	-88			
2020/21-4	Lab	srgt LCS dup, rec	5/18/2021	Organic	Phenol-d5	n/a	=	28	%	EPA 625.1	-88	-88	12	120	
2020/21-4	Lab	srgt method blank	5/18/2021	Organic	Phenol-d5	n/a	=	3.48	µg/L	EPA 625.1	-88	-88			
2020/21-4	Lab	srgt method blank, rec	5/18/2021	Organic	Phenol-d5	n/a	=	35	%	EPA 625.1	-88	-88	12	120	
2020/21-4	Lab	srgt method blank	5/24/2021	Organic	Phenol-d5	n/a	=	3.92	µg/L	EPA 8270C	-88	-88			
2020/21-4	Lab	srgt method blank, rec	5/24/2021	Organic	Phenol-d5	n/a	=	39	%	EPA 8270C	-88	-88	5	46	
2020/21-4	Lab	srgt LCS	5/24/2021	Organic	Phenol-d5	n/a	=	4.18	µg/L	EPA 8270C	-88	-88			
2020/21-4	Lab	srgt LCS, rec	5/24/2021	Organic	Phenol-d5	n/a	=	42	%	EPA 8270C	-88	-88	5	46	
2020/21-4	Lab	srgt LCS dup	5/24/2021	Organic	Phenol-d5	n/a	=	3.04	µg/L	EPA 8270C	-88	-88			
2020/21-4	Lab	srgt LCS dup, rec	5/24/2021	Organic	Phenol-d5	n/a	=	30	%	EPA 8270C	-88	-88	5	46	
2020/21-4	Lab	srgt method blank	5/24/2021	Organic	Phenol-d5	n/a	=	3.44	µg/L	EPA 8270C	-88	-88			
2020/21-4	Lab	srgt method blank, rec	5/24/2021	Organic	Phenol-d5	n/a	=	34	%	EPA 8270C	-88	-88	5	46	
2020/21-4	Lab	srgt LCS	5/24/2021	Organic	Phenol-d5	n/a	=	3.3	µg/L	EPA 8270C	-88	-88			
2020/21-4	Lab	srgt LCS, rec	5/24/2021	Organic	Phenol-d5	n/a	=	33	%	EPA 8270C	-88	-88	5	46	
2020/21-4	Lab	srgt LCS dup	5/24/2021	Organic	Phenol-d5	n/a	=	3.58	µg/L	EPA 8270C	-88	-88			
2020/21-4	Lab	srgt LCS dup, rec	5/24/2021	Organic	Phenol-d5	n/a	=	36	%	EPA 8270C	-88	-88	5	46	
2020/21-4	Lab	srgt method blank	5/25/2021	Organic	Phenol-d5	n/a	=	3.31	µg/L	EPA 8270C	-88	-88			
2020/21-4	Lab	srgt method blank, rec	5/25/2021	Organic	Phenol-d5	n/a	=	33	%	EPA 8270C	-88	-88	5	46	
2020/21-4	Lab	srgt LCS	5/25/2021	Organic	Phenol-d5	n/a	=	3.67	µg/L	EPA 8270C	-88	-88			
2020/21-4	Lab	srgt LCS, rec	5/25/2021	Organic	Phenol-d5	n/a	=	37	%	EPA 8270C	-88	-88	5	46	
2020/21-4	Lab	srgt LCS dup	5/25/2021	Organic	Phenol-d5	n/a	=	2.72	µg/L	EPA 8270C	-88	-88			
2020/21-4	Lab	srgt LCS dup, rec	5/25/2021	Organic	Phenol-d5	n/a	=	27	%	EPA 8270C	-88	-88	5	46	
2020/21-4	Lab	srgt LCS	5/25/2021	Organic	Phenol-d5	n/a	=	2.97	µg/L	EPA 625.1	-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	
2020/21-4	Lab	srgt LCS, rec	5/25/2021	Organic	Phenol-d5	n/a	=	30	%	EPA 625.1	-88	-88	12	120	
2020/21-4	Lab	srgt LCS dup	5/25/2021	Organic	Phenol-d5	n/a	=	3.13	µg/L	EPA 625.1	-88	-88			
2020/21-4	Lab	srgt LCS dup, rec	5/25/2021	Organic	Phenol-d5	n/a	=	31	%	EPA 625.1	-88	-88	12	120	
2020/21-4	Lab	srgt method blank	5/25/2021	Organic	Phenol-d5	n/a	=	3	µg/L	EPA 625.1	-88	-88			
2020/21-4	Lab	srgt method blank, rec	5/25/2021	Organic	Phenol-d5	n/a	=	30	%	EPA 625.1	-88	-88	12	120	
2020/21-4	Lab	srgt LCS	5/26/2021	Organic	Phenol-d5	n/a	=	3.76	µg/L	EPA 625.1	-88	-88			
2020/21-4	Lab	srgt LCS, rec	5/26/2021	Organic	Phenol-d5	n/a	=	38	%	EPA 625.1	-88	-88	12	120	
2020/21-4	Lab	srgt LCS dup	5/26/2021	Organic	Phenol-d5	n/a	=	2.7	µg/L	EPA 625.1	-88	-88			
2020/21-4	Lab	srgt LCS dup, rec	5/26/2021	Organic	Phenol-d5	n/a	=	27	%	EPA 625.1	-88	-88	12	120	
2020/21-4	Lab	srgt method blank	5/27/2021	Organic	Phenol-d5	n/a	=	3.54	µg/L	EPA 625.1	-88	-88			
2020/21-4	Lab	srgt method blank, rec	5/27/2021	Organic	Phenol-d5	n/a	=	35	%	EPA 625.1	-88	-88	12	120	
2020/21-4	Lab	srgt LCS	5/27/2021	Organic	Phenol-d5	n/a	=	2.98	µg/L	EPA 625.1	-88	-88			
2020/21-4	Lab	srgt LCS, rec	5/27/2021	Organic	Phenol-d5	n/a	=	30	%	EPA 625.1	-88	-88	12	120	
2020/21-4	Lab	srgt LCS dup	5/27/2021	Organic	Phenol-d5	n/a	=	3.25	µg/L	EPA 625.1	-88	-88			
2020/21-4	Lab	srgt LCS dup, rec	5/27/2021	Organic	Phenol-d5	n/a	=	33	%	EPA 625.1	-88	-88	12	120	
2020/21-4	Lab	srgt method blank	5/27/2021	Organic	Phenol-d5	n/a	=	3.05	µg/L	EPA 625.1	-88	-88			
2020/21-4	Lab	srgt method blank, rec	5/27/2021	Organic	Phenol-d5	n/a	=	31	%	EPA 625.1	-88	-88	12	120	
2020/21-4	Lab	srgt LCS	5/28/2021	Organic	Phenol-d5	n/a	=	3.56	µg/L	EPA 625.1	-88	-88			
2020/21-4	Lab	srgt LCS, rec	5/28/2021	Organic	Phenol-d5	n/a	=	36	%	EPA 625.1	-88	-88	12	120	
2020/21-4	Lab	srgt LCS dup	5/28/2021	Organic	Phenol-d5	n/a	=	2.65	µg/L	EPA 625.1	-88	-88			
2020/21-4	Lab	srgt LCS dup, rec	5/28/2021	Organic	Phenol-d5	n/a	=	27	%	EPA 625.1	-88	-88	12	120	
2020/21-4	Lab	srgt method blank	5/28/2021	Organic	Phenol-d5	n/a	=	3.43	µg/L	EPA 625.1	-88	-88			
2020/21-4	Lab	srgt method blank, rec	5/28/2021	Organic	Phenol-d5	n/a	=	34	%	EPA 625.1	-88	-88	12	120	
2020/21-4	Lab	srgt LCS	6/1/2021	Organic	Phenol-d5	n/a	=	3.06	µg/L	EPA 625.1	-88	-88			
2020/21-4	Lab	srgt LCS, rec	6/1/2021	Organic	Phenol-d5	n/a	=	31	%	EPA 625.1	-88	-88	12	120	
2020/21-4	Lab	srgt LCS dup	6/1/2021	Organic	Phenol-d5	n/a	=	3.16	µg/L	EPA 625.1	-88	-88			
2020/21-4	Lab	srgt LCS dup, rec	6/1/2021	Organic	Phenol-d5	n/a	=	32	%	EPA 625.1	-88	-88	12	120	
2020/21-4	Lab	srgt method blank	6/2/2021	Organic	Phenol-d5	n/a	=	2.97	µg/L	EPA 625.1	-88	-88			
2020/21-4	Lab	srgt method blank, rec	6/2/2021	Organic	Phenol-d5	n/a	=	30	%	EPA 625.1	-88	-88	12	120	
2020/21-4	Lab	srgt method blank	6/3/2021	Organic	Phenol-d5	n/a	=	2.84	µg/L	EPA 8270C	-88	-88			
2020/21-4	Lab	srgt method blank, rec	6/3/2021	Organic	Phenol-d5	n/a	=	28	%	EPA 8270C	-88	-88	5	46	
2020/21-4	Lab	srgt LCS	6/3/2021	Organic	Phenol-d5	n/a	=	2.71	µg/L	EPA 8270C	-88	-88			
2020/21-4	Lab	srgt LCS, rec	6/3/2021	Organic	Phenol-d5	n/a	=	27	%	EPA 8270C	-88	-88	5	46	
2020/21-4	Lab	srgt LCS dup	6/3/2021	Organic	Phenol-d5	n/a	=	2.9	µg/L	EPA 8270C	-88	-88			
2020/21-4	Lab	srgt LCS dup, rec	6/3/2021	Organic	Phenol-d5	n/a	=	29	%	EPA 8270C	-88	-88	5	46	
2020/21-4	ME-CC	srgt environ	5/24/2021	Organic	Phenol-d5	n/a	=	3.05	µg/L	EPA 8270C	-88	-88			
2020/21-4	ME-CC	srgt environ, rec	5/24/2021	Organic	Phenol-d5	n/a	=	30	%	EPA 8270C	-88	-88	5	46	
2020/21-4	ME-CC	srgt environ	5/27/2021	Organic	Phenol-d5	n/a	=	3.03	µg/L	EPA 625.1	-88	-88			
2020/21-4	ME-CC	srgt environ, rec	5/27/2021	Organic	Phenol-d5	n/a	=	30	%	EPA 625.1	-88	-88	12	120	
2020/21-4	ME-SCR	srgt environ	5/24/2021	Organic	Phenol-d5	n/a	=	4.12	µg/L	EPA 8270C	-88	-88			
2020/21-4	ME-SCR	srgt environ, rec	5/24/2021	Organic	Phenol-d5	n/a	=	41	%	EPA 8270C	-88	-88	5	46	
2020/21-4	ME-SCR	srgt environ	5/27/2021	Organic	Phenol-d5	n/a	=	4.07	µg/L	EPA 625.1	-88	-88			
2020/21-4	ME-SCR	srgt environ, rec	5/27/2021	Organic	Phenol-d5	n/a	=	40	%	EPA 625.1	-88	-88	12	120	
2020/21-4	ME-VR2	srgt environ	5/19/2021	Organic	Phenol-d5	n/a	=	3.11	µg/L	EPA 625.1	-88	-88			
2020/21-4	ME-VR2	srgt environ, rec	5/19/2021	Organic	Phenol-d5	n/a	=	31	%	EPA 625.1	-88	-88	12	120	
2020/21-4	ME-VR2	srgt environ	5/25/2021	Organic	Phenol-d5	n/a	=	2.89	µg/L	EPA 8270C	-88	-88			
2020/21-4	ME-VR2	srgt environ, rec	5/25/2021	Organic	Phenol-d5	n/a	=	29	%	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	
2020/21-4	MO-CAM	srgt environ	5/25/2021	Organic	Phenol-d5	n/a	=	24	µg/L	EPA 8270C	-88	-88			
2020/21-4	MO-CAM	srgt environ, rec	5/25/2021	Organic	Phenol-d5	n/a	=	24	%	EPA 8270C	-88	-88	5	46	
2020/21-4	MO-CAM	srgt environ	5/27/2021	Organic	Phenol-d5	n/a	=	23.2	µg/L	EPA 625.1	-88	-88			
2020/21-4	MO-CAM	srgt environ, rec	5/27/2021	Organic	Phenol-d5	n/a	=	23	%	EPA 625.1	-88	-88	12	120	
2020/21-4	MO-FIL	srgt environ	5/24/2021	Organic	Phenol-d5	n/a	=	3.97	µg/L	EPA 8270C	-88	-88			
2020/21-4	MO-FIL	srgt environ, rec	5/24/2021	Organic	Phenol-d5	n/a	=	40	%	EPA 8270C	-88	-88	5	46	
2020/21-4	MO-FIL	srgt environ	5/27/2021	Organic	Phenol-d5	n/a	=	3.84	µg/L	EPA 625.1	-88	-88			
2020/21-4	MO-FIL	srgt environ, rec	5/27/2021	Organic	Phenol-d5	n/a	=	37	%	EPA 625.1	-88	-88	12	120	
2020/21-4	MO-HUE	srgt environ	5/19/2021	Organic	Phenol-d5	n/a	=	6.22	µg/L	EPA 625.1	-88	-88			
2020/21-4	MO-HUE	srgt environ, rec	5/19/2021	Organic	Phenol-d5	n/a	=	31	%	EPA 625.1	-88	-88	12	120	
2020/21-4	MO-HUE	srgt environ	5/25/2021	Organic	Phenol-d5	n/a	=	5.95	µg/L	EPA 8270C	-88	-88			
2020/21-4	MO-HUE	srgt environ, rec	5/25/2021	Organic	Phenol-d5	n/a	=	30	%	EPA 8270C	-88	-88	5	46	
2020/21-4	MO-MPK	srgt environ	5/25/2021	Organic	Phenol-d5	n/a	=	22.8	µg/L	EPA 8270C	-88	-88			
2020/21-4	MO-MPK	srgt environ, rec	5/25/2021	Organic	Phenol-d5	n/a	=	23	%	EPA 8270C	-88	-88	5	46	
2020/21-4	MO-MPK	srgt environ	5/27/2021	Organic	Phenol-d5	n/a	=	23.5	µg/L	EPA 625.1	-88	-88			
2020/21-4	MO-MPK	srgt environ, rec	5/27/2021	Organic	Phenol-d5	n/a	=	23	%	EPA 625.1	-88	-88	12	120	
2020/21-4	MO-OJA	srgt environ	5/25/2021	Organic	Phenol-d5	n/a	=	2.96	µg/L	EPA 625.1	-88	-88			
2020/21-4	MO-OJA	srgt environ, rec	5/25/2021	Organic	Phenol-d5	n/a	=	29	%	EPA 625.1	-88	-88	12	120	
2020/21-4	MO-OJA	srgt environ	6/3/2021	Organic	Phenol-d5	n/a	=	2.71	µg/L	EPA 8270C	-88	-88			
2020/21-4	MO-OJA	srgt environ, rec	6/3/2021	Organic	Phenol-d5	n/a	=	27	%	EPA 8270C	-88	-88	5	46	
2020/21-4	MO-SIM	srgt environ	5/25/2021	Organic	Phenol-d5	n/a	=	2.57	µg/L	EPA 8270C	-88	-88			
2020/21-4	MO-SIM	srgt environ, rec	5/25/2021	Organic	Phenol-d5	n/a	=	26	%	EPA 8270C	-88	-88	5	46	
2020/21-4	MO-SIM	srgt environ	5/27/2021	Organic	Phenol-d5	n/a	=	2.61	µg/L	EPA 625.1	-88	-88			
2020/21-4	MO-SIM	srgt environ, rec	5/27/2021	Organic	Phenol-d5	n/a	=	26	%	EPA 625.1	-88	-88	12	120	
2020/21-4	MO-THO	srgt environ	5/25/2021	Organic	Phenol-d5	n/a	=	2.61	µg/L	EPA 8270C	-88	-88			
2020/21-4	MO-THO	srgt environ, rec	5/25/2021	Organic	Phenol-d5	n/a	=	26	%	EPA 8270C	-88	-88	5	46	
2020/21-4	MO-THO	srgt environ	5/27/2021	Organic	Phenol-d5	n/a	=	2.58	µg/L	EPA 625.1	-88	-88			
2020/21-4	MO-THO	srgt environ, rec	5/27/2021	Organic	Phenol-d5	n/a	=	26	%	EPA 625.1	-88	-88	12	120	
2020/21-4	Lab	srgt method blank	5/5/2021	Organic	p-Terphenyl-d14	n/a	=	5.77	µg/L	EPA 8270C	-88	-88			
2020/21-4	Lab	srgt method blank, rec	5/5/2021	Organic	p-Terphenyl-d14	n/a	=	115	%	EPA 8270C	-88	-88	19	134	
2020/21-4	Lab	srgt LCS	5/5/2021	Organic	p-Terphenyl-d14	n/a	=	6.32	µg/L	EPA 8270C	-88	-88			
2020/21-4	Lab	srgt LCS, rec	5/5/2021	Organic	p-Terphenyl-d14	n/a	=	126	%	EPA 8270C	-88	-88	19	134	
2020/21-4	Lab	srgt LCS dup	5/5/2021	Organic	p-Terphenyl-d14	n/a	=	5.67	µg/L	EPA 8270C	-88	-88			
2020/21-4	Lab	srgt LCS dup, rec	5/5/2021	Organic	p-Terphenyl-d14	n/a	=	113	%	EPA 8270C	-88	-88	19	134	
2020/21-4	Lab	srgt method blank	5/5/2021	Organic	p-Terphenyl-d14	n/a	=	5.43	µg/L	EPA 8270C	-88	-88			
2020/21-4	Lab	srgt method blank, rec	5/5/2021	Organic	p-Terphenyl-d14	n/a	=	109	%	EPA 8270C	-88	-88	19	134	
2020/21-4	Lab	srgt LCS	5/5/2021	Organic	p-Terphenyl-d14	n/a	=	5.26	µg/L	EPA 8270C	-88	-88			
2020/21-4	Lab	srgt LCS, rec	5/5/2021	Organic	p-Terphenyl-d14	n/a	=	105	%	EPA 8270C	-88	-88	19	134	
2020/21-4	Lab	srgt LCS dup	5/5/2021	Organic	p-Terphenyl-d14	n/a	=	5.08	µg/L	EPA 8270C	-88	-88			
2020/21-4	Lab	srgt LCS dup, rec	5/5/2021	Organic	p-Terphenyl-d14	n/a	=	102	%	EPA 8270C	-88	-88	19	134	
2020/21-4	Lab	srgt LCS	5/18/2021	Organic	p-Terphenyl-d14	n/a	=	5.18	µg/L	EPA 625.1	-88	-88			
2020/21-4	Lab	srgt LCS, rec	5/18/2021	Organic	p-Terphenyl-d14	n/a	=	104	%	EPA 625.1	-88	-88	44	129	
2020/21-4	Lab	srgt LCS dup	5/18/2021	Organic	p-Terphenyl-d14	n/a	=	5.22	µg/L	EPA 625.1	-88	-88			
2020/21-4	Lab	srgt LCS dup, rec	5/18/2021	Organic	p-Terphenyl-d14	n/a	=	104	%	EPA 625.1	-88	-88	44	129	
2020/21-4	Lab	srgt method blank	5/18/2021	Organic	p-Terphenyl-d14	n/a	=	5.53	µg/L	EPA 625.1	-88	-88			
2020/21-4	Lab	srgt method blank, rec	5/18/2021	Organic	p-Terphenyl-d14	n/a	=	111	%	EPA 625.1	-88	-88	44	129	
2020/21-4	Lab	srgt LCS	5/25/2021	Organic	p-Terphenyl-d14	n/a	=	4.87	µg/L	EPA 625.1	-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	
2020/21-4	Lab	srgt LCS, rec	5/25/2021	Organic	p-Terphenyl-d14	n/a	=	97	%	EPA 625.1	-88	-88	44	129	
2020/21-4	Lab	srgt LCS dup	5/25/2021	Organic	p-Terphenyl-d14	n/a	=	5.06	µg/L	EPA 625.1	-88	-88			
2020/21-4	Lab	srgt LCS dup, rec	5/25/2021	Organic	p-Terphenyl-d14	n/a	=	101	%	EPA 625.1	-88	-88	44	129	
2020/21-4	Lab	srgt method blank	5/25/2021	Organic	p-Terphenyl-d14	n/a	=	4.41	µg/L	EPA 625.1	-88	-88			
2020/21-4	Lab	srgt method blank, rec	5/25/2021	Organic	p-Terphenyl-d14	n/a	=	88	%	EPA 625.1	-88	-88	44	129	
2020/21-4	Lab	srgt LCS	5/26/2021	Organic	p-Terphenyl-d14	n/a	=	5.49	µg/L	EPA 625.1	-88	-88			
2020/21-4	Lab	srgt LCS, rec	5/26/2021	Organic	p-Terphenyl-d14	n/a	=	110	%	EPA 625.1	-88	-88	44	129	
2020/21-4	Lab	srgt LCS dup	5/26/2021	Organic	p-Terphenyl-d14	n/a	=	4.9	µg/L	EPA 625.1	-88	-88			
2020/21-4	Lab	srgt LCS dup, rec	5/26/2021	Organic	p-Terphenyl-d14	n/a	=	98	%	EPA 625.1	-88	-88	44	129	
2020/21-4	Lab	srgt method blank	5/27/2021	Organic	p-Terphenyl-d14	n/a	=	5.21	µg/L	EPA 625.1	-88	-88			
2020/21-4	Lab	srgt method blank, rec	5/27/2021	Organic	p-Terphenyl-d14	n/a	=	104	%	EPA 625.1	-88	-88	44	129	
2020/21-4	Lab	srgt LCS	5/27/2021	Organic	p-Terphenyl-d14	n/a	=	5.12	µg/L	EPA 625.1	-88	-88			
2020/21-4	Lab	srgt LCS, rec	5/27/2021	Organic	p-Terphenyl-d14	n/a	=	102	%	EPA 625.1	-88	-88	44	129	
2020/21-4	Lab	srgt LCS dup	5/27/2021	Organic	p-Terphenyl-d14	n/a	=	4.96	µg/L	EPA 625.1	-88	-88			
2020/21-4	Lab	srgt LCS dup, rec	5/27/2021	Organic	p-Terphenyl-d14	n/a	=	99	%	EPA 625.1	-88	-88	44	129	
2020/21-4	Lab	srgt method blank	5/27/2021	Organic	p-Terphenyl-d14	n/a	=	4.77	µg/L	EPA 625.1	-88	-88			
2020/21-4	Lab	srgt method blank, rec	5/27/2021	Organic	p-Terphenyl-d14	n/a	=	95	%	EPA 625.1	-88	-88	44	129	
2020/21-4	Lab	srgt LCS	5/28/2021	Organic	p-Terphenyl-d14	n/a	=	4.84	µg/L	EPA 625.1	-88	-88			
2020/21-4	Lab	srgt LCS, rec	5/28/2021	Organic	p-Terphenyl-d14	n/a	=	97	%	EPA 625.1	-88	-88	44	129	
2020/21-4	Lab	srgt LCS dup	5/28/2021	Organic	p-Terphenyl-d14	n/a	=	4.23	µg/L	EPA 625.1	-88	-88			
2020/21-4	Lab	srgt LCS dup, rec	5/28/2021	Organic	p-Terphenyl-d14	n/a	=	85	%	EPA 625.1	-88	-88	44	129	
2020/21-4	Lab	srgt method blank	5/28/2021	Organic	p-Terphenyl-d14	n/a	=	4.77	µg/L	EPA 625.1	-88	-88			
2020/21-4	Lab	srgt method blank, rec	5/28/2021	Organic	p-Terphenyl-d14	n/a	=	95	%	EPA 625.1	-88	-88	44	129	
2020/21-4	Lab	srgt LCS	6/1/2021	Organic	p-Terphenyl-d14	n/a	=	5.9	µg/L	EPA 625.1	-88	-88			
2020/21-4	Lab	srgt LCS, rec	6/1/2021	Organic	p-Terphenyl-d14	n/a	=	118	%	EPA 625.1	-88	-88	44	129	
2020/21-4	Lab	srgt LCS dup	6/1/2021	Organic	p-Terphenyl-d14	n/a	=	6.21	µg/L	EPA 625.1	-88	-88			
2020/21-4	Lab	srgt LCS dup, rec	6/1/2021	Organic	p-Terphenyl-d14	n/a	=	124	%	EPA 625.1	-88	-88	44	129	
2020/21-4	Lab	srgt method blank	6/2/2021	Organic	p-Terphenyl-d14	n/a	=	5.5	µg/L	EPA 625.1	-88	-88			
2020/21-4	Lab	srgt method blank, rec	6/2/2021	Organic	p-Terphenyl-d14	n/a	=	110	%	EPA 625.1	-88	-88	44	129	
2020/21-4	Lab	srgt method blank	6/3/2021	Organic	p-Terphenyl-d14	n/a	=	5.7	µg/L	EPA 8270C	-88	-88			
2020/21-4	Lab	srgt method blank, rec	6/3/2021	Organic	p-Terphenyl-d14	n/a	=	114	%	EPA 8270C	-88	-88	19	134	
2020/21-4	Lab	srgt LCS	6/3/2021	Organic	p-Terphenyl-d14	n/a	=	5.4	µg/L	EPA 8270C	-88	-88			
2020/21-4	Lab	srgt LCS, rec	6/3/2021	Organic	p-Terphenyl-d14	n/a	=	108	%	EPA 8270C	-88	-88	19	134	
2020/21-4	Lab	srgt LCS dup	6/3/2021	Organic	p-Terphenyl-d14	n/a	=	5	µg/L	EPA 8270C	-88	-88			
2020/21-4	Lab	srgt LCS dup, rec	6/3/2021	Organic	p-Terphenyl-d14	n/a	=	100	%	EPA 8270C	-88	-88	19	134	
2020/21-4	Lab	srgt method blank	6/17/2021	Organic	p-Terphenyl-d14	n/a	=	4.76	µg/L	EPA 8270C	-88	-88			
2020/21-4	Lab	srgt method blank, rec	6/17/2021	Organic	p-Terphenyl-d14	n/a	=	95	%	EPA 8270C	-88	-88	19	134	
2020/21-4	Lab	srgt LCS	6/17/2021	Organic	p-Terphenyl-d14	n/a	=	4.86	µg/L	EPA 8270C	-88	-88			
2020/21-4	Lab	srgt LCS, rec	6/17/2021	Organic	p-Terphenyl-d14	n/a	=	97	%	EPA 8270C	-88	-88	19	134	
2020/21-4	Lab	srgt LCS dup	6/18/2021	Organic	p-Terphenyl-d14	n/a	=	5.25	µg/L	EPA 8270C	-88	-88			
2020/21-4	Lab	srgt LCS dup, rec	6/18/2021	Organic	p-Terphenyl-d14	n/a	=	105	%	EPA 8270C	-88	-88	19	134	
2020/21-4	ME-CC	srgt environ	5/5/2021	Organic	p-Terphenyl-d14	n/a	=	5.09	µg/L	EPA 8270C	-88	-88			
2020/21-4	ME-CC	srgt environ, rec	5/5/2021	Organic	p-Terphenyl-d14	n/a	=	102	%	EPA 8270C	-88	-88	19	134	
2020/21-4	ME-CC	srgt environ	5/27/2021	Organic	p-Terphenyl-d14	n/a	=	5.13	µg/L	EPA 625.1	-88	-88			
2020/21-4	ME-CC	srgt environ, rec	5/27/2021	Organic	p-Terphenyl-d14	n/a	=	103	%	EPA 625.1	-88	-88	44	129	
2020/21-4	ME-SCR	srgt environ	5/5/2021	Organic	p-Terphenyl-d14	n/a	=	4.96	µg/L	EPA 8270C	-88	-88			
2020/21-4	ME-SCR	srgt environ, rec	5/5/2021	Organic	p-Terphenyl-d14	n/a	=	99	%	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	
2020/21-4	ME-SCR	srgt environ	5/27/2021	Organic	p-Terphenyl-d14	n/a	=	5.26	µg/L	EPA 625.1	-88	-88			
2020/21-4	ME-SCR	srgt environ, rec	5/27/2021	Organic	p-Terphenyl-d14	n/a	=	104	%	EPA 625.1	-88	-88	44	129	
2020/21-4	ME-VR2	srgt environ	5/19/2021	Organic	p-Terphenyl-d14	n/a	=	5.56	µg/L	EPA 625.1	-88	-88			
2020/21-4	ME-VR2	srgt environ, rec	5/19/2021	Organic	p-Terphenyl-d14	n/a	=	110	%	EPA 625.1	-88	-88	44	129	
2020/21-4	ME-VR2	srgt environ	6/3/2021	Organic	p-Terphenyl-d14	n/a	=	6.05	µg/L	EPA 8270C	-88	-88			
2020/21-4	ME-VR2	srgt environ, rec	6/3/2021	Organic	p-Terphenyl-d14	n/a	=	120	%	EPA 8270C	-88	-88	19	134	
2020/21-4	MO-CAM	srgt environ	5/5/2021	Organic	p-Terphenyl-d14	n/a	=	28.3	µg/L	EPA 8270C	-88	-88			
2020/21-4	MO-CAM	srgt environ, rec	5/5/2021	Organic	p-Terphenyl-d14	n/a	=	57	%	EPA 8270C	-88	-88	19	134	
2020/21-4	MO-CAM	srgt environ	5/27/2021	Organic	p-Terphenyl-d14	n/a	=	25.4	µg/L	EPA 625.1	-88	-88			
2020/21-4	MO-CAM	srgt environ, rec	5/27/2021	Organic	p-Terphenyl-d14	n/a	=	51	%	EPA 625.1	-88	-88	44	129	
2020/21-4	MO-FIL	srgt environ	5/5/2021	Organic	p-Terphenyl-d14	n/a	=	5.15	µg/L	EPA 8270C	-88	-88			
2020/21-4	MO-FIL	srgt environ, rec	5/5/2021	Organic	p-Terphenyl-d14	n/a	=	103	%	EPA 8270C	-88	-88	19	134	
2020/21-4	MO-FIL	srgt environ	5/27/2021	Organic	p-Terphenyl-d14	n/a	=	4.99	µg/L	EPA 625.1	-88	-88			
2020/21-4	MO-FIL	srgt environ, rec	5/27/2021	Organic	p-Terphenyl-d14	n/a	=	97	%	EPA 625.1	-88	-88	44	129	
2020/21-4	MO-HUE	srgt environ	5/19/2021	Organic	p-Terphenyl-d14	n/a	=	11.2	µg/L	EPA 625.1	-88	-88			
2020/21-4	MO-HUE	srgt environ, rec	5/19/2021	Organic	p-Terphenyl-d14	n/a	=	112	%	EPA 625.1	-88	-88	44	129	
2020/21-4	MO-HUE	srgt environ	6/3/2021	Organic	p-Terphenyl-d14	n/a	=	11.2	µg/L	EPA 8270C	-88	-88			
2020/21-4	MO-HUE	srgt environ, rec	6/3/2021	Organic	p-Terphenyl-d14	n/a	=	112	%	EPA 8270C	-88	-88	19	134	
2020/21-4	MO-MPK	srgt environ	5/5/2021	Organic	p-Terphenyl-d14	n/a	=	40.7	µg/L	EPA 8270C	-88	-88			
2020/21-4	MO-MPK	srgt environ, rec	5/5/2021	Organic	p-Terphenyl-d14	n/a	=	81	%	EPA 8270C	-88	-88	19	134	
2020/21-4	MO-MPK	srgt environ	5/27/2021	Organic	p-Terphenyl-d14	n/a	=	38.7	µg/L	EPA 625.1	-88	-88			
2020/21-4	MO-MPK	srgt environ, rec	5/27/2021	Organic	p-Terphenyl-d14	n/a	=	77	%	EPA 625.1	-88	-88	44	129	
2020/21-4	MO-OJA	srgt environ	5/25/2021	Organic	p-Terphenyl-d14	n/a	=	4.35	µg/L	EPA 625.1	-88	-88			
2020/21-4	MO-OJA	srgt environ, rec	5/25/2021	Organic	p-Terphenyl-d14	n/a	=	86	%	EPA 625.1	-88	-88	44	129	
2020/21-4	MO-OJA	srgt environ	6/18/2021	Organic	p-Terphenyl-d14	n/a	=	4.87	µg/L	EPA 8270C	-88	-88			
2020/21-4	MO-OJA	srgt environ, rec	6/18/2021	Organic	p-Terphenyl-d14	n/a	=	96	%	EPA 8270C	-88	-88	19	134	
2020/21-4	MO-SIM	srgt environ	5/5/2021	Organic	p-Terphenyl-d14	n/a	=	4.78	µg/L	EPA 8270C	-88	-88			
2020/21-4	MO-SIM	srgt environ, rec	5/5/2021	Organic	p-Terphenyl-d14	n/a	=	96	%	EPA 8270C	-88	-88	19	134	
2020/21-4	MO-SIM	srgt environ	5/27/2021	Organic	p-Terphenyl-d14	n/a	=	4.8	µg/L	EPA 625.1	-88	-88			
2020/21-4	MO-SIM	srgt environ, rec	5/27/2021	Organic	p-Terphenyl-d14	n/a	=	96	%	EPA 625.1	-88	-88	44	129	
2020/21-4	MO-THO	srgt environ	5/5/2021	Organic	p-Terphenyl-d14	n/a	=	4.65	µg/L	EPA 8270C	-88	-88			
2020/21-4	MO-THO	srgt environ, rec	5/5/2021	Organic	p-Terphenyl-d14	n/a	=	93	%	EPA 8270C	-88	-88	19	134	
2020/21-4	MO-THO	srgt environ	5/27/2021	Organic	p-Terphenyl-d14	n/a	=	4.53	µg/L	EPA 625.1	-88	-88			
2020/21-4	MO-THO	srgt environ, rec	5/27/2021	Organic	p-Terphenyl-d14	n/a	=	91	%	EPA 625.1	-88	-88	44	129	
2020/21-4	Lab	method blank	5/5/2021	Organic	Pyrene	n/a	<	0.04	µg/L	EPA 8270C	0.04	0.1			
2020/21-4	Lab	LCS	5/5/2021	Organic	Pyrene	n/a	=	11.7	µg/L	EPA 8270C	0.04	0.1			
2020/21-4	Lab	LCS, rec	5/5/2021	Organic	Pyrene	n/a	=	117	%	EPA 8270C	-88	-88	26	128	
2020/21-4	Lab	LCS dup	5/5/2021	Organic	Pyrene	n/a	=	10.8	µg/L	EPA 8270C	0.04	0.1			
2020/21-4	Lab	LCS dup, rec	5/5/2021	Organic	Pyrene	n/a	=	108	%	EPA 8270C	-88	-88	26	128	
2020/21-4	Lab	LCS, RPD	5/5/2021	Organic	Pyrene	n/a	=	8	%	EPA 8270C	-88	-88	0	30	
2020/21-4	Lab	method blank	5/5/2021	Organic	Pyrene	n/a	<	0.04	µg/L	EPA 8270C	0.04	0.1			
2020/21-4	Lab	LCS	5/5/2021	Organic	Pyrene	n/a	=	10.6	µg/L	EPA 8270C	0.04	0.1			
2020/21-4	Lab	LCS, rec	5/5/2021	Organic	Pyrene	n/a	=	106	%	EPA 8270C	-88	-88	26	128	
2020/21-4	Lab	LCS dup	5/5/2021	Organic	Pyrene	n/a	=	10.7	µg/L	EPA 8270C	0.04	0.1			
2020/21-4	Lab	LCS dup, rec	5/5/2021	Organic	Pyrene	n/a	=	107	%	EPA 8270C	-88	-88	26	128	
2020/21-4	Lab	LCS, RPD	5/5/2021	Organic	Pyrene	n/a	=	1	%	EPA 8270C	-88	-88	0	30	
2020/21-4	Lab	LCS	5/18/2021	Organic	Pyrene	n/a	=	8.84	µg/L	EPA 625.1	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	
2020/21-4	Lab	LCS, rec	5/18/2021	Organic	Pyrene	n/a	=	88	%	EPA 625.1	-88	-88	70	120	
2020/21-4	Lab	LCS dup	5/18/2021	Organic	Pyrene	n/a	=	8.89	µg/L	EPA 625.1	0.25	1			
2020/21-4	Lab	LCS dup, rec	5/18/2021	Organic	Pyrene	n/a	=	89	%	EPA 625.1	-88	-88	70	120	
2020/21-4	Lab	LCS, RPD	5/18/2021	Organic	Pyrene	n/a	=	0.6	%	EPA 625.1	-88	-88	0	30	
2020/21-4	Lab	method blank	5/18/2021	Organic	Pyrene	n/a	<	0.25	µg/L	EPA 625.1	0.25	1			
2020/21-4	Lab	LCS	5/25/2021	Organic	Pyrene	n/a	=	8.02	µg/L	EPA 625.1	0.25	1			
2020/21-4	Lab	LCS, rec	5/25/2021	Organic	Pyrene	n/a	=	80	%	EPA 625.1	-88	-88	70	120	
2020/21-4	Lab	LCS dup	5/25/2021	Organic	Pyrene	n/a	=	8.51	µg/L	EPA 625.1	0.25	1			
2020/21-4	Lab	LCS dup, rec	5/25/2021	Organic	Pyrene	n/a	=	85	%	EPA 625.1	-88	-88	70	120	
2020/21-4	Lab	LCS, RPD	5/25/2021	Organic	Pyrene	n/a	=	6	%	EPA 625.1	-88	-88	0	30	
2020/21-4	Lab	method blank	5/25/2021	Organic	Pyrene	n/a	<	0.25	µg/L	EPA 625.1	0.25	1			
2020/21-4	Lab	LCS	5/26/2021	Organic	Pyrene	n/a	=	10.5	µg/L	EPA 625.1	0.25	1			
2020/21-4	Lab	LCS, rec	5/26/2021	Organic	Pyrene	n/a	=	105	%	EPA 625.1	-88	-88	70	120	
2020/21-4	Lab	LCS dup	5/26/2021	Organic	Pyrene	n/a	=	9.62	µg/L	EPA 625.1	0.25	1			
2020/21-4	Lab	LCS dup, rec	5/26/2021	Organic	Pyrene	n/a	=	96	%	EPA 625.1	-88	-88	70	120	
2020/21-4	Lab	LCS, RPD	5/26/2021	Organic	Pyrene	n/a	=	9	%	EPA 625.1	-88	-88	0	30	
2020/21-4	Lab	method blank	5/27/2021	Organic	Pyrene	n/a	<	0.25	µg/L	EPA 625.1	0.25	1			
2020/21-4	Lab	LCS	5/27/2021	Organic	Pyrene	n/a	=	10.2	µg/L	EPA 625.1	0.25	1			
2020/21-4	Lab	LCS, rec	5/27/2021	Organic	Pyrene	n/a	=	102	%	EPA 625.1	-88	-88	70	120	
2020/21-4	Lab	LCS dup	5/27/2021	Organic	Pyrene	n/a	=	10.4	µg/L	EPA 625.1	0.25	1			
2020/21-4	Lab	LCS dup, rec	5/27/2021	Organic	Pyrene	n/a	=	104	%	EPA 625.1	-88	-88	70	120	
2020/21-4	Lab	LCS, RPD	5/27/2021	Organic	Pyrene	n/a	=	1	%	EPA 625.1	-88	-88	0	30	
2020/21-4	Lab	method blank	5/27/2021	Organic	Pyrene	n/a	<	0.25	µg/L	EPA 625.1	0.25	1			
2020/21-4	Lab	LCS	6/1/2021	Organic	Pyrene	n/a	=	9.07	µg/L	EPA 625.1	0.25	1			
2020/21-4	Lab	LCS, rec	6/1/2021	Organic	Pyrene	n/a	=	91	%	EPA 625.1	-88	-88	70	120	
2020/21-4	Lab	LCS dup	6/1/2021	Organic	Pyrene	n/a	=	9.84	µg/L	EPA 625.1	0.25	1			
2020/21-4	Lab	LCS dup, rec	6/1/2021	Organic	Pyrene	n/a	=	98	%	EPA 625.1	-88	-88	70	120	
2020/21-4	Lab	LCS, RPD	6/1/2021	Organic	Pyrene	n/a	=	8	%	EPA 625.1	-88	-88	0	30	
2020/21-4	Lab	method blank	6/2/2021	Organic	Pyrene	n/a	<	0.25	µg/L	EPA 625.1	0.25	1			
2020/21-4	Lab	method blank	6/3/2021	Organic	Pyrene	n/a	<	0.04	µg/L	EPA 8270C	0.04	0.1			
2020/21-4	Lab	LCS	6/3/2021	Organic	Pyrene	n/a	=	11.2	µg/L	EPA 8270C	0.04	0.1			
2020/21-4	Lab	LCS, rec	6/3/2021	Organic	Pyrene	n/a	=	112	%	EPA 8270C	-88	-88	26	128	
2020/21-4	Lab	LCS dup	6/3/2021	Organic	Pyrene	n/a	=	10.8	µg/L	EPA 8270C	0.04	0.1			
2020/21-4	Lab	LCS dup, rec	6/3/2021	Organic	Pyrene	n/a	=	108	%	EPA 8270C	-88	-88	26	128	
2020/21-4	Lab	LCS, RPD	6/3/2021	Organic	Pyrene	n/a	=	4	%	EPA 8270C	-88	-88	0	30	
2020/21-4	Lab	method blank	6/17/2021	Organic	Pyrene	n/a	<	0.04	µg/L	EPA 8270C	0.04	0.1			
2020/21-4	Lab	LCS	6/17/2021	Organic	Pyrene	n/a	=	8.5	µg/L	EPA 8270C	0.04	0.1			
2020/21-4	Lab	LCS, rec	6/17/2021	Organic	Pyrene	n/a	=	85	%	EPA 8270C	-88	-88	26	128	
2020/21-4	Lab	LCS dup	6/18/2021	Organic	Pyrene	n/a	=	9.32	µg/L	EPA 8270C	0.04	0.1			
2020/21-4	Lab	LCS dup, rec	6/18/2021	Organic	Pyrene	n/a	=	93	%	EPA 8270C	-88	-88	26	128	
2020/21-4	Lab	LCS, RPD	6/18/2021	Organic	Pyrene	n/a	=	9	%	EPA 8270C	-88	-88	0	30	
2020/21-4	000NONPJ	srgt matrix spike	5/7/2021	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	3.41	µg/L	EPA 608.3	-88	-88			
2020/21-4	000NONPJ	srgt matrix spike, rec	5/7/2021	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	68	%	EPA 608.3	-88	-88	32	130	
2020/21-4	000NONPJ	srgt matrix spike dup	5/7/2021	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	4	µg/L	EPA 608.3	-88	-88			
2020/21-4	000NONPJ	srgt matrix spike dup, rec	5/7/2021	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	80	%	EPA 608.3	-88	-88	32	130	
2020/21-4	Lab	srgt method blank	5/7/2021	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.086	µg/L	EPA 608.3	-88	-88			
2020/21-4	Lab	srgt method blank, rec	5/7/2021	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	86	%	EPA 608.3	-88	-88	32	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	
2020/21-4	Lab	srgt LCS	5/7/2021	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0941	µg/L	EPA 608.3	-88	-88			
2020/21-4	Lab	srgt LCS, rec	5/7/2021	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	94	%	EPA 608.3	-88	-88	32	130	
2020/21-4	Lab	srgt method blank	5/8/2021	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0875	µg/L	EPA 608.3	-88	-88			
2020/21-4	Lab	srgt method blank, rec	5/8/2021	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	88	%	EPA 608.3	-88	-88	32	130	
2020/21-4	Lab	srgt LCS	5/8/2021	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0882	µg/L	EPA 608.3	-88	-88			
2020/21-4	Lab	srgt LCS, rec	5/8/2021	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	88	%	EPA 608.3	-88	-88	32	130	
2020/21-4	Lab	srgt LCS dup	5/8/2021	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0864	µg/L	EPA 608.3	-88	-88			
2020/21-4	Lab	srgt LCS dup, rec	5/8/2021	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	86	%	EPA 608.3	-88	-88	32	130	
2020/21-4	Lab	srgt method blank	6/5/2021	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0826	µg/L	EPA 608.3	-88	-88			
2020/21-4	Lab	srgt method blank, rec	6/5/2021	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	83	%	EPA 608.3	-88	-88	32	130	
2020/21-4	Lab	srgt LCS	6/5/2021	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0787	µg/L	EPA 608.3	-88	-88			
2020/21-4	Lab	srgt LCS, rec	6/5/2021	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	79	%	EPA 608.3	-88	-88	32	130	
2020/21-4	Lab	srgt LCS dup	6/5/2021	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0923	µg/L	EPA 608.3	-88	-88			
2020/21-4	Lab	srgt LCS dup, rec	6/5/2021	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	92	%	EPA 608.3	-88	-88	32	130	
2020/21-4	ME-CC	srgt environ	5/7/2021	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0902	µg/L	EPA 608.3	-88	-88			
2020/21-4	ME-CC	srgt environ, rec	5/7/2021	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	90	%	EPA 608.3	-88	-88	35	111	
2020/21-4	ME-SCR	srgt environ	5/8/2021	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0664	µg/L	EPA 608.3	-88	-88			
2020/21-4	ME-SCR	srgt environ, rec	5/8/2021	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	66	%	EPA 608.3	-88	-88	35	111	
2020/21-4	ME-VR2	srgt environ	6/5/2021	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0785	µg/L	EPA 608.3	-88	-88			
2020/21-4	ME-VR2	srgt environ, rec	6/5/2021	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	78	%	EPA 608.3	-88	-88	35	111	
2020/21-4	MO-CAM	srgt environ	5/7/2021	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0905	µg/L	EPA 608.3	-88	-88			
2020/21-4	MO-CAM	srgt environ, rec	5/7/2021	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	88	%	EPA 608.3	-88	-88	35	111	
2020/21-4	MO-FIL	srgt environ	5/8/2021	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0715	µg/L	EPA 608.3	-88	-88			
2020/21-4	MO-FIL	srgt environ, rec	5/8/2021	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	71	%	EPA 608.3	-88	-88	35	111	
2020/21-4	MO-HUE	srgt environ	6/5/2021	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0824	µg/L	EPA 608.3	-88	-88			
2020/21-4	MO-HUE	srgt environ, rec	6/5/2021	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	81	%	EPA 608.3	-88	-88	35	111	
2020/21-4	MO-MPK	srgt environ	5/7/2021	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0923	µg/L	EPA 608.3	-88	-88			
2020/21-4	MO-MPK	srgt environ, rec	5/7/2021	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	91	%	EPA 608.3	-88	-88	35	111	
2020/21-4	MO-OJA	srgt environ	6/5/2021	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0787	µg/L	EPA 608.3	-88	-88			
2020/21-4	MO-OJA	srgt environ, rec	6/5/2021	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	78	%	EPA 608.3	-88	-88	35	111	
2020/21-4	MO-SIM	srgt environ	5/7/2021	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.108	µg/L	EPA 608.3	-88	-88			
2020/21-4	MO-SIM	srgt environ, rec	5/7/2021	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	108	%	EPA 608.3	-88	-88	35	111	
2020/21-4	MO-THO	srgt environ	5/7/2021	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0954	µg/L	EPA 608.3	-88	-88			
2020/21-4	MO-THO	srgt environ, rec	5/7/2021	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	95	%	EPA 608.3	-88	-88	35	111	
2020/21-4	Lab	srgt method blank	5/3/2021	Organic	Triphenylphosphate	n/a	=	0.702	µg/L	EPA 625.1m	-88	-88			
2020/21-4	Lab	srgt method blank, rec	5/3/2021	Organic	Triphenylphosphate	n/a	=	140	%	EPA 625.1m	-88	-88	34	164	
2020/21-4	Lab	srgt LCS	5/3/2021	Organic	Triphenylphosphate	n/a	=	0.731	µg/L	EPA 625.1m	-88	-88			
2020/21-4	Lab	srgt LCS, rec	5/3/2021	Organic	Triphenylphosphate	n/a	=	146	%	EPA 625.1m	-88	-88	34	164	
2020/21-4	Lab	srgt method blank	5/5/2021	Organic	Triphenylphosphate	n/a	=	0.652	µg/L	EPA 625.1m	-88	-88			
2020/21-4	Lab	srgt method blank, rec	5/5/2021	Organic	Triphenylphosphate	n/a	=	130	%	EPA 625.1m	-88	-88	34	164	
2020/21-4	Lab	srgt LCS	5/5/2021	Organic	Triphenylphosphate	n/a	=	0.648	µg/L	EPA 625.1m	-88	-88			
2020/21-4	Lab	srgt LCS, rec	5/5/2021	Organic	Triphenylphosphate	n/a	=	130	%	EPA 625.1m	-88	-88	34	164	
2020/21-4	Lab	srgt method blank	5/11/2021	Organic	Triphenylphosphate	n/a	=	4.77	µg/L	EPA 525.2	-88	-88			
2020/21-4	Lab	srgt method blank, rec	5/11/2021	Organic	Triphenylphosphate	n/a	=	95	%	EPA 525.2	-88	-88	70	130	
2020/21-4	Lab	srgt LCS	5/11/2021	Organic	Triphenylphosphate	n/a	=	6.44	µg/L	EPA 525.2	-88	-88			
2020/21-4	Lab	srgt LCS, rec	5/11/2021	Organic	Triphenylphosphate	n/a	=	129	%	EPA 525.2	-88	-88	70	130	
2020/21-4	Lab	srgt LCS dup	5/11/2021	Organic	Triphenylphosphate	n/a	=	5.48	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	
2020/21-4	Lab	srgt LCS dup, rec	5/11/2021	Organic	Triphenylphosphate	n/a	=	110	%	EPA 525.2	-88	-88	70	130	
2020/21-4	Lab	srgt method blank	5/13/2021	Organic	Triphenylphosphate	n/a	=	5.65	µg/L	EPA 525.2	-88	-88			
2020/21-4	Lab	srgt method blank, rec	5/13/2021	Organic	Triphenylphosphate	n/a	=	113	%	EPA 525.2	-88	-88	70	130	
2020/21-4	Lab	srgt LCS	5/13/2021	Organic	Triphenylphosphate	n/a	=	6.52	µg/L	EPA 525.2	-88	-88			
2020/21-4	Lab	srgt LCS, rec	5/13/2021	Organic	Triphenylphosphate	n/a	=	130	%	EPA 525.2	-88	-88	70	130	
2020/21-4	Lab	srgt LCS dup	5/13/2021	Organic	Triphenylphosphate	n/a	=	6.11	µg/L	EPA 525.2	-88	-88			
2020/21-4	Lab	srgt LCS dup, rec	5/13/2021	Organic	Triphenylphosphate	n/a	=	122	%	EPA 525.2	-88	-88	70	130	
2020/21-4	Lab	srgt method blank	5/20/2021	Organic	Triphenylphosphate	n/a	=	0.623	µg/L	EPA 625.1m	-88	-88			
2020/21-4	Lab	srgt method blank, rec	5/20/2021	Organic	Triphenylphosphate	n/a	=	125	%	EPA 625.1m	-88	-88	34	164	
2020/21-4	Lab	srgt LCS	5/20/2021	Organic	Triphenylphosphate	n/a	=	0.578	µg/L	EPA 625.1m	-88	-88			
2020/21-4	Lab	srgt LCS, rec	5/20/2021	Organic	Triphenylphosphate	n/a	=	116	%	EPA 625.1m	-88	-88	34	164	
2020/21-4	Lab	srgt method blank	6/3/2021	Organic	Triphenylphosphate	n/a	=	5.38	µg/L	EPA 525.2	-88	-88			
2020/21-4	Lab	srgt method blank, rec	6/3/2021	Organic	Triphenylphosphate	n/a	=	108	%	EPA 525.2	-88	-88	70	130	
2020/21-4	Lab	srgt LCS	6/3/2021	Organic	Triphenylphosphate	n/a	=	6.36	µg/L	EPA 525.2	-88	-88			
2020/21-4	Lab	srgt LCS, rec	6/3/2021	Organic	Triphenylphosphate	n/a	=	127	%	EPA 525.2	-88	-88	70	130	
2020/21-4	Lab	srgt LCS dup	6/3/2021	Organic	Triphenylphosphate	n/a	=	6.25	µg/L	EPA 525.2	-88	-88			
2020/21-4	Lab	srgt LCS dup, rec	6/3/2021	Organic	Triphenylphosphate	n/a	=	125	%	EPA 525.2	-88	-88	70	130	
2020/21-4	Lab	srgt method blank	6/3/2021	Organic	Triphenylphosphate	n/a	=	5.67	µg/L	EPA 525.2	-88	-88			
2020/21-4	Lab	srgt method blank, rec	6/3/2021	Organic	Triphenylphosphate	n/a	=	113	%	EPA 525.2	-88	-88	70	130	
2020/21-4	Lab	srgt LCS	6/3/2021	Organic	Triphenylphosphate	n/a	=	6.03	µg/L	EPA 525.2	-88	-88			
2020/21-4	Lab	srgt LCS, rec	6/3/2021	Organic	Triphenylphosphate	n/a	=	121	%	EPA 525.2	-88	-88	70	130	
2020/21-4	Lab	srgt LCS dup	6/4/2021	Organic	Triphenylphosphate	n/a	=	6.06	µg/L	EPA 525.2	-88	-88			
2020/21-4	Lab	srgt LCS dup, rec	6/4/2021	Organic	Triphenylphosphate	n/a	=	121	%	EPA 525.2	-88	-88	70	130	
2020/21-4	Lab	srgt method blank	6/4/2021	Organic	Triphenylphosphate	n/a	=	5.07	µg/L	EPA 525.2	-88	-88			
2020/21-4	Lab	srgt method blank, rec	6/4/2021	Organic	Triphenylphosphate	n/a	=	101	%	EPA 525.2	-88	-88	70	130	
2020/21-4	Lab	srgt LCS	6/4/2021	Organic	Triphenylphosphate	n/a	=	6.28	µg/L	EPA 525.2	-88	-88			
2020/21-4	Lab	srgt LCS, rec	6/4/2021	Organic	Triphenylphosphate	n/a	=	126	%	EPA 525.2	-88	-88	70	130	
2020/21-4	Lab	srgt LCS dup	6/4/2021	Organic	Triphenylphosphate	n/a	=	6.12	µg/L	EPA 525.2	-88	-88			
2020/21-4	Lab	srgt LCS dup, rec	6/4/2021	Organic	Triphenylphosphate	n/a	=	122	%	EPA 525.2	-88	-88	70	130	
2020/21-4	ME-CC	srgt matrix spike	5/5/2021	Organic	Triphenylphosphate	n/a	=	0.604	µg/L	EPA 625.1m	-88	-88			
2020/21-4	ME-CC	srgt matrix spike, rec	5/5/2021	Organic	Triphenylphosphate	n/a	=	121	%	EPA 625.1m	-88	-88	34	164	
2020/21-4	ME-CC	srgt matrix spike dup	5/5/2021	Organic	Triphenylphosphate	n/a	=	0.591	µg/L	EPA 625.1m	-88	-88			
2020/21-4	ME-CC	srgt matrix spike dup, rec	5/5/2021	Organic	Triphenylphosphate	n/a	=	118	%	EPA 625.1m	-88	-88	34	164	
2020/21-4	ME-CC	srgt environ	5/5/2021	Organic	Triphenylphosphate	n/a	=	0.548	µg/L	EPA 625.1m	-88	-88			
2020/21-4	ME-CC	srgt environ, rec	5/5/2021	Organic	Triphenylphosphate	n/a	=	110	%	EPA 625.1m	-88	-88	34	164	
2020/21-4	ME-CC	srgt environ	5/12/2021	Organic	Triphenylphosphate	n/a	=	7.15	µg/L	EPA 525.2	-88	-88			GN
2020/21-4	ME-CC	srgt environ, rec	5/12/2021	Organic	Triphenylphosphate	n/a	=	143	%	EPA 525.2	-88	-88	70	130	GN
2020/21-4	ME-CC	srgt environ	6/3/2021	Organic	Triphenylphosphate	n/a	=	6.75	µg/L	EPA 525.2	-88	-88			CK,GN,H,PJN
2020/21-4	ME-CC	srgt environ, rec	6/3/2021	Organic	Triphenylphosphate	n/a	=	135	%	EPA 525.2	-88	-88	70	130	CK,GN,H,PJN
2020/21-4	ME-SCR	srgt matrix spike	5/3/2021	Organic	Triphenylphosphate	n/a	=	0.699	µg/L	EPA 625.1m	-88	-88			
2020/21-4	ME-SCR	srgt matrix spike, rec	5/3/2021	Organic	Triphenylphosphate	n/a	=	140	%	EPA 625.1m	-88	-88	34	164	
2020/21-4	ME-SCR	srgt matrix spike dup	5/3/2021	Organic	Triphenylphosphate	n/a	=	0.759	µg/L	EPA 625.1m	-88	-88			
2020/21-4	ME-SCR	srgt matrix spike dup, rec	5/3/2021	Organic	Triphenylphosphate	n/a	=	152	%	EPA 625.1m	-88	-88	34	164	
2020/21-4	ME-SCR	srgt environ	5/3/2021	Organic	Triphenylphosphate	n/a	=	0.657	µg/L	EPA 625.1m	-88	-88			
2020/21-4	ME-SCR	srgt environ, rec	5/3/2021	Organic	Triphenylphosphate	n/a	=	131	%	EPA 625.1m	-88	-88	34	164	
2020/21-4	ME-SCR	srgt environ	5/13/2021	Organic	Triphenylphosphate	n/a	=	6.7	µg/L	EPA 525.2	-88	-88			GN
2020/21-4	ME-SCR	srgt environ, rec	5/13/2021	Organic	Triphenylphosphate	n/a	=	134	%	EPA 525.2	-88	-88	70	130	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	
2020/21-4	ME-VR2	srgt environ	5/20/2021	Organic	Triphenylphosphate	n/a	=	0.592	µg/L	EPA 625.1m	-88	-88			
2020/21-4	ME-VR2	srgt environ, rec	5/20/2021	Organic	Triphenylphosphate	n/a	=	118	%	EPA 625.1m	-88	-88	34	164	
2020/21-4	ME-VR2	srgt environ	6/3/2021	Organic	Triphenylphosphate	n/a	=	6.31	µg/L	EPA 525.2	-88	-88			
2020/21-4	ME-VR2	srgt environ, rec	6/3/2021	Organic	Triphenylphosphate	n/a	=	126	%	EPA 525.2	-88	-88	70	130	
2020/21-4	MO-CAM	srgt environ	5/5/2021	Organic	Triphenylphosphate	n/a	=	0.918	µg/L	EPA 625.1m	-88	-88			GN
2020/21-4	MO-CAM	srgt environ, rec	5/5/2021	Organic	Triphenylphosphate	n/a	=	184	%	EPA 625.1m	-88	-88	34	164	GN
2020/21-4	MO-CAM	srgt environ	5/12/2021	Organic	Triphenylphosphate	n/a	=	13.6	µg/L	EPA 525.2	-88	-88			GN
2020/21-4	MO-CAM	srgt environ, rec	5/12/2021	Organic	Triphenylphosphate	n/a	=	136	%	EPA 525.2	-88	-88	70	130	GN
2020/21-4	MO-FIL	srgt environ	5/3/2021	Organic	Triphenylphosphate	n/a	=	0.755	µg/L	EPA 625.1m	-88	-88			
2020/21-4	MO-FIL	srgt environ, rec	5/3/2021	Organic	Triphenylphosphate	n/a	=	151	%	EPA 625.1m	-88	-88	34	164	
2020/21-4	MO-FIL	srgt environ	5/13/2021	Organic	Triphenylphosphate	n/a	=	6.62	µg/L	EPA 525.2	-88	-88			GN
2020/21-4	MO-FIL	srgt environ, rec	5/13/2021	Organic	Triphenylphosphate	n/a	=	132	%	EPA 525.2	-88	-88	70	130	GN
2020/21-4	MO-HUE	srgt matrix spike	5/20/2021	Organic	Triphenylphosphate	n/a	=	0.595	µg/L	EPA 625.1m	-88	-88			
2020/21-4	MO-HUE	srgt matrix spike, rec	5/20/2021	Organic	Triphenylphosphate	n/a	=	119	%	EPA 625.1m	-88	-88	34	164	
2020/21-4	MO-HUE	srgt matrix spike dup	5/20/2021	Organic	Triphenylphosphate	n/a	=	0.645	µg/L	EPA 625.1m	-88	-88			
2020/21-4	MO-HUE	srgt matrix spike dup, rec	5/20/2021	Organic	Triphenylphosphate	n/a	=	129	%	EPA 625.1m	-88	-88	34	164	
2020/21-4	MO-HUE	srgt environ	5/20/2021	Organic	Triphenylphosphate	n/a	=	0.558	µg/L	EPA 625.1m	-88	-88			
2020/21-4	MO-HUE	srgt environ, rec	5/20/2021	Organic	Triphenylphosphate	n/a	=	112	%	EPA 625.1m	-88	-88	34	164	
2020/21-4	MO-HUE	srgt environ	6/3/2021	Organic	Triphenylphosphate	n/a	=	6.46	µg/L	EPA 525.2	-88	-88			
2020/21-4	MO-HUE	srgt environ, rec	6/3/2021	Organic	Triphenylphosphate	n/a	=	129	%	EPA 525.2	-88	-88	70	130	
2020/21-4	MO-MPK	srgt environ	5/5/2021	Organic	Triphenylphosphate	n/a	=	0.792	µg/L	EPA 625.1m	-88	-88			
2020/21-4	MO-MPK	srgt environ, rec	5/5/2021	Organic	Triphenylphosphate	n/a	=	158	%	EPA 625.1m	-88	-88	34	164	
2020/21-4	MO-MPK	srgt environ	5/12/2021	Organic	Triphenylphosphate	n/a	=	7.02	µg/L	EPA 525.2	-88	-88			GN
2020/21-4	MO-MPK	srgt environ, rec	5/12/2021	Organic	Triphenylphosphate	n/a	=	140	%	EPA 525.2	-88	-88	70	130	GN
2020/21-4	MO-OJA	srgt environ	5/20/2021	Organic	Triphenylphosphate	n/a	=	0.697	µg/L	EPA 625.1m	-88	-88			
2020/21-4	MO-OJA	srgt environ, rec	5/20/2021	Organic	Triphenylphosphate	n/a	=	139	%	EPA 625.1m	-88	-88	34	164	
2020/21-4	MO-OJA	srgt environ	6/4/2021	Organic	Triphenylphosphate	n/a	=	6.34	µg/L	EPA 525.2	-88	-88			
2020/21-4	MO-OJA	srgt environ, rec	6/4/2021	Organic	Triphenylphosphate	n/a	=	124	%	EPA 525.2	-88	-88	70	130	
2020/21-4	MO-SIM	srgt environ	5/5/2021	Organic	Triphenylphosphate	n/a	=	0.592	µg/L	EPA 625.1m	-88	-88			
2020/21-4	MO-SIM	srgt environ, rec	5/5/2021	Organic	Triphenylphosphate	n/a	=	118	%	EPA 625.1m	-88	-88	34	164	
2020/21-4	MO-SIM	srgt environ	5/12/2021	Organic	Triphenylphosphate	n/a	=	7.04	µg/L	EPA 525.2	-88	-88			GN
2020/21-4	MO-SIM	srgt environ, rec	5/12/2021	Organic	Triphenylphosphate	n/a	=	141	%	EPA 525.2	-88	-88	70	130	GN
2020/21-4	MO-THO	srgt environ	5/5/2021	Organic	Triphenylphosphate	n/a	=	0.663	µg/L	EPA 625.1m	-88	-88			
2020/21-4	MO-THO	srgt environ, rec	5/5/2021	Organic	Triphenylphosphate	n/a	=	133	%	EPA 625.1m	-88	-88	34	164	
2020/21-4	MO-THO	srgt environ	5/12/2021	Organic	Triphenylphosphate	n/a	=	6.79	µg/L	EPA 525.2	-88	-88			GN
2020/21-4	MO-THO	srgt environ, rec	5/12/2021	Organic	Triphenylphosphate	n/a	=	136	%	EPA 525.2	-88	-88	70	130	GN
2020/21-4	MO-THO	srgt environ	6/3/2021	Organic	Triphenylphosphate	n/a	=	6.52	µg/L	EPA 525.2	-88	-88			CK,H,PJN
2020/21-4	MO-THO	srgt environ, rec	6/3/2021	Organic	Triphenylphosphate	n/a	=	130	%	EPA 525.2	-88	-88	70	130	CK,H,PJN
2020/21-4	000NONPJ	srgt matrix spike	5/7/2021	PCB	PCB 209	n/a	=	5.24	µg/L	EPA 608.3	-88	-88			
2020/21-4	000NONPJ	srgt matrix spike, rec	5/7/2021	PCB	PCB 209	n/a	=	105	%	EPA 608.3	-88	-88	33	133	
2020/21-4	000NONPJ	srgt matrix spike dup	5/7/2021	PCB	PCB 209	n/a	=	3.78	µg/L	EPA 608.3	-88	-88			
2020/21-4	000NONPJ	srgt matrix spike dup, rec	5/7/2021	PCB	PCB 209	n/a	=	76	%	EPA 608.3	-88	-88	33	133	
2020/21-4	Lab	srgt method blank	5/7/2021	PCB	PCB 209	n/a	=	0.0923	µg/L	EPA 608.3	-88	-88			
2020/21-4	Lab	srgt method blank, rec	5/7/2021	PCB	PCB 209	n/a	=	92	%	EPA 608.3	-88	-88	33	133	
2020/21-4	Lab	srgt LCS	5/7/2021	PCB	PCB 209	n/a	=	0.0961	µg/L	EPA 608.3	-88	-88			
2020/21-4	Lab	srgt LCS, rec	5/7/2021	PCB	PCB 209	n/a	=	96	%	EPA 608.3	-88	-88	33	133	
2020/21-4	Lab	srgt method blank	5/8/2021	PCB	PCB 209	n/a	=	0.0887	µg/L	EPA 608.3	-88	-88			

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2020/21-4	Lab	srqt method blank, rec	5/8/2021	PCB	PCB 209	n/a	=	89	%	EPA 608.3	-88	-88	33	133	
2020/21-4	Lab	srqt LCS	5/8/2021	PCB	PCB 209	n/a	=	0.09	µg/L	EPA 608.3	-88	-88			
2020/21-4	Lab	srqt LCS, rec	5/8/2021	PCB	PCB 209	n/a	=	90	%	EPA 608.3	-88	-88	33	133	
2020/21-4	Lab	srqt LCS dup	5/8/2021	PCB	PCB 209	n/a	=	0.0851	µg/L	EPA 608.3	-88	-88			
2020/21-4	Lab	srqt LCS dup, rec	5/8/2021	PCB	PCB 209	n/a	=	85	%	EPA 608.3	-88	-88	33	133	
2020/21-4	Lab	srqt method blank	6/5/2021	PCB	PCB 209	n/a	=	0.111	µg/L	EPA 608.3	-88	-88			
2020/21-4	Lab	srqt method blank, rec	6/5/2021	PCB	PCB 209	n/a	=	111	%	EPA 608.3	-88	-88	33	133	
2020/21-4	Lab	srqt LCS	6/5/2021	PCB	PCB 209	n/a	=	0.101	µg/L	EPA 608.3	-88	-88			
2020/21-4	Lab	srqt LCS, rec	6/5/2021	PCB	PCB 209	n/a	=	101	%	EPA 608.3	-88	-88	33	133	
2020/21-4	Lab	srqt LCS dup	6/5/2021	PCB	PCB 209	n/a	=	0.11	µg/L	EPA 608.3	-88	-88			
2020/21-4	Lab	srqt LCS dup, rec	6/5/2021	PCB	PCB 209	n/a	=	110	%	EPA 608.3	-88	-88	33	133	
2020/21-4	ME-CC	srqt environ	5/7/2021	PCB	PCB 209	n/a	=	0.0935	µg/L	EPA 608.3	-88	-88			
2020/21-4	ME-CC	srqt environ, rec	5/7/2021	PCB	PCB 209	n/a	=	93	%	EPA 608.3	-88	-88	34	125	
2020/21-4	ME-SCR	srqt environ	5/8/2021	PCB	PCB 209	n/a	=	0.075	µg/L	EPA 608.3	-88	-88			
2020/21-4	ME-SCR	srqt environ, rec	5/8/2021	PCB	PCB 209	n/a	=	75	%	EPA 608.3	-88	-88	34	125	
2020/21-4	ME-VR2	srqt environ	6/5/2021	PCB	PCB 209	n/a	=	0.112	µg/L	EPA 608.3	-88	-88			
2020/21-4	ME-VR2	srqt environ, rec	6/5/2021	PCB	PCB 209	n/a	=	111	%	EPA 608.3	-88	-88	34	125	
2020/21-4	MO-CAM	srqt environ	5/7/2021	PCB	PCB 209	n/a	=	0.0999	µg/L	EPA 608.3	-88	-88			
2020/21-4	MO-CAM	srqt environ, rec	5/7/2021	PCB	PCB 209	n/a	=	97	%	EPA 608.3	-88	-88	34	125	
2020/21-4	MO-FIL	srqt environ	5/8/2021	PCB	PCB 209	n/a	=	0.0895	µg/L	EPA 608.3	-88	-88			
2020/21-4	MO-FIL	srqt environ, rec	5/8/2021	PCB	PCB 209	n/a	=	89	%	EPA 608.3	-88	-88	34	125	
2020/21-4	MO-HUE	srqt environ	6/5/2021	PCB	PCB 209	n/a	=	0.104	µg/L	EPA 608.3	-88	-88			
2020/21-4	MO-HUE	srqt environ, rec	6/5/2021	PCB	PCB 209	n/a	=	102	%	EPA 608.3	-88	-88	34	125	
2020/21-4	MO-MPK	srqt environ	5/7/2021	PCB	PCB 209	n/a	=	0.0927	µg/L	EPA 608.3	-88	-88			
2020/21-4	MO-MPK	srqt environ, rec	5/7/2021	PCB	PCB 209	n/a	=	91	%	EPA 608.3	-88	-88	34	125	
2020/21-4	MO-OJA	srqt environ	6/5/2021	PCB	PCB 209	n/a	=	0.0962	µg/L	EPA 608.3	-88	-88			
2020/21-4	MO-OJA	srqt environ, rec	6/5/2021	PCB	PCB 209	n/a	=	95	%	EPA 608.3	-88	-88	34	125	
2020/21-4	MO-SIM	srqt environ	5/7/2021	PCB	PCB 209	n/a	=	0.11	µg/L	EPA 608.3	-88	-88			
2020/21-4	MO-SIM	srqt environ, rec	5/7/2021	PCB	PCB 209	n/a	=	110	%	EPA 608.3	-88	-88	34	125	
2020/21-4	MO-THO	srqt environ	5/7/2021	PCB	PCB 209	n/a	=	0.0999	µg/L	EPA 608.3	-88	-88			
2020/21-4	MO-THO	srqt environ, rec	5/7/2021	PCB	PCB 209	n/a	=	100	%	EPA 608.3	-88	-88	34	125	
2020/21-4	Lab	method blank	5/7/2021	PCB	PCB Aroclor 1016	n/a	<	0.029	µg/L	EPA 608.3	0.029	0.5			
2020/21-4	Lab	method blank	5/8/2021	PCB	PCB Aroclor 1016	n/a	<	0.029	µg/L	EPA 608.3	0.029	0.5			
2020/21-4	Lab	method blank	6/5/2021	PCB	PCB Aroclor 1016	n/a	<	0.029	µg/L	EPA 608.3	0.029	0.5			
2020/21-4	Lab	method blank	5/7/2021	PCB	PCB Aroclor 1221	n/a	<	0.06	µg/L	EPA 608.3	0.06	0.5			
2020/21-4	Lab	method blank	5/8/2021	PCB	PCB Aroclor 1221	n/a	<	0.06	µg/L	EPA 608.3	0.06	0.5			
2020/21-4	Lab	method blank	6/5/2021	PCB	PCB Aroclor 1221	n/a	<	0.06	µg/L	EPA 608.3	0.06	0.5			
2020/21-4	Lab	method blank	5/7/2021	PCB	PCB Aroclor 1232	n/a	<	0.1	µg/L	EPA 608.3	0.1	0.5			
2020/21-4	Lab	method blank	5/8/2021	PCB	PCB Aroclor 1232	n/a	<	0.1	µg/L	EPA 608.3	0.1	0.5			
2020/21-4	Lab	method blank	6/5/2021	PCB	PCB Aroclor 1232	n/a	<	0.1	µg/L	EPA 608.3	0.1	0.5			
2020/21-4	Lab	method blank	5/7/2021	PCB	PCB Aroclor 1242	n/a	<	0.07	µg/L	EPA 608.3	0.07	0.5			
2020/21-4	Lab	method blank	5/8/2021	PCB	PCB Aroclor 1242	n/a	<	0.07	µg/L	EPA 608.3	0.07	0.5			
2020/21-4	Lab	method blank	6/5/2021	PCB	PCB Aroclor 1242	n/a	<	0.07	µg/L	EPA 608.3	0.07	0.5			
2020/21-4	Lab	method blank	5/7/2021	PCB	PCB Aroclor 1248	n/a	<	0.06	µg/L	EPA 608.3	0.06	0.5			
2020/21-4	Lab	method blank	5/8/2021	PCB	PCB Aroclor 1248	n/a	<	0.06	µg/L	EPA 608.3	0.06	0.5			
2020/21-4	Lab	method blank	6/5/2021	PCB	PCB Aroclor 1248	n/a	<	0.06	µg/L	EPA 608.3	0.06	0.5			
2020/21-4	Lab	method blank	5/7/2021	PCB	PCB Aroclor 1254	n/a	<	0.04	µg/L	EPA 608.3	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	
2020/21-4	Lab	method blank	5/8/2021	PCB	PCB Aroclor 1254	n/a	<	0.04	µg/L	EPA 608.3	0.04	0.5			
2020/21-4	Lab	method blank	6/5/2021	PCB	PCB Aroclor 1254	n/a	<	0.04	µg/L	EPA 608.3	0.04	0.5			
2020/21-4	Lab	method blank	5/7/2021	PCB	PCB Aroclor 1260	n/a	<	0.055	µg/L	EPA 608.3	0.055	0.5			
2020/21-4	Lab	method blank	5/8/2021	PCB	PCB Aroclor 1260	n/a	<	0.055	µg/L	EPA 608.3	0.055	0.5			
2020/21-4	Lab	method blank	6/5/2021	PCB	PCB Aroclor 1260	n/a	<	0.055	µg/L	EPA 608.3	0.055	0.5			
2020/21-4	000NONPJ	matrix spike	5/5/2021	Pesticide	2,4,5-T	n/a	=	4.21	µg/L	EPA 515.4	0.055	0.2			
2020/21-4	000NONPJ	matrix spike, rec	5/5/2021	Pesticide	2,4,5-T	n/a	=	105	%	EPA 515.4	-88	-88	70	130	
2020/21-4	000NONPJ	matrix spike dup	5/5/2021	Pesticide	2,4,5-T	n/a	=	3.99	µg/L	EPA 515.4	0.055	0.2			
2020/21-4	000NONPJ	matrix spike dup, rec	5/5/2021	Pesticide	2,4,5-T	n/a	=	100	%	EPA 515.4	-88	-88	70	130	
2020/21-4	000NONPJ	matrix spike, RPD	5/5/2021	Pesticide	2,4,5-T	n/a	=	5	%	EPA 515.4	-88	-88	0	30	
2020/21-4	000NONPJ	matrix spike	5/22/2021	Pesticide	2,4,5-T	n/a	=	3.97	µg/L	EPA 515.4	0.055	0.2			
2020/21-4	000NONPJ	matrix spike, rec	5/22/2021	Pesticide	2,4,5-T	n/a	=	99	%	EPA 515.4	-88	-88	70	130	
2020/21-4	000NONPJ	matrix spike dup	5/23/2021	Pesticide	2,4,5-T	n/a	=	4.1	µg/L	EPA 515.4	0.055	0.2			
2020/21-4	000NONPJ	matrix spike dup, rec	5/23/2021	Pesticide	2,4,5-T	n/a	=	103	%	EPA 515.4	-88	-88	70	130	
2020/21-4	000NONPJ	matrix spike, RPD	5/23/2021	Pesticide	2,4,5-T	n/a	=	3	%	EPA 515.4	-88	-88	0	30	
2020/21-4	Lab	method blank	5/5/2021	Pesticide	2,4,5-T	n/a	<	0.055	µg/L	EPA 515.4	0.055	0.2			
2020/21-4	Lab	LCS	5/5/2021	Pesticide	2,4,5-T	n/a	=	4.14	µg/L	EPA 515.4	0.055	0.2			
2020/21-4	Lab	LCS, rec	5/5/2021	Pesticide	2,4,5-T	n/a	=	104	%	EPA 515.4	-88	-88	70	130	
2020/21-4	Lab	method blank	5/22/2021	Pesticide	2,4,5-T	n/a	<	0.055	µg/L	EPA 515.4	0.055	0.2			
2020/21-4	Lab	LCS	5/22/2021	Pesticide	2,4,5-T	n/a	=	4.01	µg/L	EPA 515.4	0.055	0.2			
2020/21-4	Lab	LCS, rec	5/22/2021	Pesticide	2,4,5-T	n/a	=	100	%	EPA 515.4	-88	-88	70	130	
2020/21-4	000NONPJ	matrix spike	5/5/2021	Pesticide	2,4,5-TP	n/a	=	4.22	µg/L	EPA 515.4	0.046	0.2			
2020/21-4	000NONPJ	matrix spike, rec	5/5/2021	Pesticide	2,4,5-TP	n/a	=	105	%	EPA 515.4	-88	-88	70	130	
2020/21-4	000NONPJ	matrix spike dup	5/5/2021	Pesticide	2,4,5-TP	n/a	=	3.96	µg/L	EPA 515.4	0.046	0.2			
2020/21-4	000NONPJ	matrix spike dup, rec	5/5/2021	Pesticide	2,4,5-TP	n/a	=	99	%	EPA 515.4	-88	-88	70	130	
2020/21-4	000NONPJ	matrix spike, RPD	5/5/2021	Pesticide	2,4,5-TP	n/a	=	6	%	EPA 515.4	-88	-88	0	30	
2020/21-4	000NONPJ	matrix spike	5/22/2021	Pesticide	2,4,5-TP	n/a	=	4.01	µg/L	EPA 515.4	0.046	0.2			
2020/21-4	000NONPJ	matrix spike, rec	5/22/2021	Pesticide	2,4,5-TP	n/a	=	100	%	EPA 515.4	-88	-88	70	130	
2020/21-4	000NONPJ	matrix spike dup	5/23/2021	Pesticide	2,4,5-TP	n/a	=	4.09	µg/L	EPA 515.4	0.046	0.2			
2020/21-4	000NONPJ	matrix spike dup, rec	5/23/2021	Pesticide	2,4,5-TP	n/a	=	102	%	EPA 515.4	-88	-88	70	130	
2020/21-4	000NONPJ	matrix spike, RPD	5/23/2021	Pesticide	2,4,5-TP	n/a	=	2	%	EPA 515.4	-88	-88	0	30	
2020/21-4	Lab	method blank	5/5/2021	Pesticide	2,4,5-TP	n/a	<	0.046	µg/L	EPA 515.4	0.046	0.2			
2020/21-4	Lab	LCS	5/5/2021	Pesticide	2,4,5-TP	n/a	=	4.09	µg/L	EPA 515.4	0.046	0.2			
2020/21-4	Lab	LCS, rec	5/5/2021	Pesticide	2,4,5-TP	n/a	=	102	%	EPA 515.4	-88	-88	70	130	
2020/21-4	Lab	method blank	5/22/2021	Pesticide	2,4,5-TP	n/a	<	0.046	µg/L	EPA 515.4	0.046	0.2			
2020/21-4	Lab	LCS	5/22/2021	Pesticide	2,4,5-TP	n/a	=	4.06	µg/L	EPA 515.4	0.046	0.2			
2020/21-4	Lab	LCS, rec	5/22/2021	Pesticide	2,4,5-TP	n/a	=	102	%	EPA 515.4	-88	-88	70	130	
2020/21-4	000NONPJ	matrix spike	5/5/2021	Pesticide	2,4-D	n/a	=	8.78	µg/L	EPA 515.4	0.14	0.4			
2020/21-4	000NONPJ	matrix spike, rec	5/5/2021	Pesticide	2,4-D	n/a	=	110	%	EPA 515.4	-88	-88	70	130	
2020/21-4	000NONPJ	matrix spike dup	5/5/2021	Pesticide	2,4-D	n/a	=	8.23	µg/L	EPA 515.4	0.14	0.4			
2020/21-4	000NONPJ	matrix spike dup, rec	5/5/2021	Pesticide	2,4-D	n/a	=	103	%	EPA 515.4	-88	-88	70	130	
2020/21-4	000NONPJ	matrix spike, RPD	5/5/2021	Pesticide	2,4-D	n/a	=	6	%	EPA 515.4	-88	-88	0	30	
2020/21-4	000NONPJ	matrix spike	5/22/2021	Pesticide	2,4-D	n/a	=	7.73	µg/L	EPA 515.4	0.14	0.4			
2020/21-4	000NONPJ	matrix spike, rec	5/22/2021	Pesticide	2,4-D	n/a	=	97	%	EPA 515.4	-88	-88	70	130	
2020/21-4	000NONPJ	matrix spike dup	5/23/2021	Pesticide	2,4-D	n/a	=	7.88	µg/L	EPA 515.4	0.14	0.4			
2020/21-4	000NONPJ	matrix spike dup, rec	5/23/2021	Pesticide	2,4-D	n/a	=	99	%	EPA 515.4	-88	-88	70	130	
2020/21-4	000NONPJ	matrix spike, RPD	5/23/2021	Pesticide	2,4-D	n/a	=	2	%	EPA 515.4	-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	
2020/21-4	Lab	method blank	5/5/2021	Pesticide	2,4-D	n/a	<	0.14	µg/L	EPA 515.4	0.14	0.4			
2020/21-4	Lab	LCS	5/5/2021	Pesticide	2,4-D	n/a	=	8.41	µg/L	EPA 515.4	0.14	0.4			
2020/21-4	Lab	LCS, rec	5/5/2021	Pesticide	2,4-D	n/a	=	105	%	EPA 515.4	-88	-88	70	130	
2020/21-4	Lab	method blank	5/22/2021	Pesticide	2,4-D	n/a	<	0.14	µg/L	EPA 515.4	0.14	0.4			
2020/21-4	Lab	LCS	5/22/2021	Pesticide	2,4-D	n/a	=	7.79	µg/L	EPA 515.4	0.14	0.4			
2020/21-4	Lab	LCS, rec	5/22/2021	Pesticide	2,4-D	n/a	=	97	%	EPA 515.4	-88	-88	70	130	
2020/21-4	000NONPJ	matrix spike	5/5/2021	Pesticide	2,4-DB	n/a	=	17.3	µg/L	EPA 515.4	0.19	2			
2020/21-4	000NONPJ	matrix spike, rec	5/5/2021	Pesticide	2,4-DB	n/a	=	108	%	EPA 515.4	-88	-88	70	130	
2020/21-4	000NONPJ	matrix spike dup	5/5/2021	Pesticide	2,4-DB	n/a	=	16.8	µg/L	EPA 515.4	0.19	2			
2020/21-4	000NONPJ	matrix spike dup, rec	5/5/2021	Pesticide	2,4-DB	n/a	=	105	%	EPA 515.4	-88	-88	70	130	
2020/21-4	000NONPJ	matrix spike, RPD	5/5/2021	Pesticide	2,4-DB	n/a	=	3	%	EPA 515.4	-88	-88	0	30	
2020/21-4	000NONPJ	matrix spike	5/22/2021	Pesticide	2,4-DB	n/a	=	19.9	µg/L	EPA 515.4	0.19	2			
2020/21-4	000NONPJ	matrix spike, rec	5/22/2021	Pesticide	2,4-DB	n/a	=	125	%	EPA 515.4	-88	-88	70	130	
2020/21-4	000NONPJ	matrix spike dup	5/23/2021	Pesticide	2,4-DB	n/a	=	20.2	µg/L	EPA 515.4	0.19	2			
2020/21-4	000NONPJ	matrix spike dup, rec	5/23/2021	Pesticide	2,4-DB	n/a	=	127	%	EPA 515.4	-88	-88	70	130	
2020/21-4	000NONPJ	matrix spike, RPD	5/23/2021	Pesticide	2,4-DB	n/a	=	2	%	EPA 515.4	-88	-88	0	30	
2020/21-4	Lab	method blank	5/5/2021	Pesticide	2,4-DB	n/a	<	0.19	µg/L	EPA 515.4	0.19	2			
2020/21-4	Lab	LCS	5/5/2021	Pesticide	2,4-DB	n/a	=	16.5	µg/L	EPA 515.4	0.19	2			
2020/21-4	Lab	LCS, rec	5/5/2021	Pesticide	2,4-DB	n/a	=	103	%	EPA 515.4	-88	-88	70	130	
2020/21-4	Lab	method blank	5/22/2021	Pesticide	2,4-DB	n/a	<	0.19	µg/L	EPA 515.4	0.19	2			
2020/21-4	Lab	LCS	5/22/2021	Pesticide	2,4-DB	n/a	=	15.8	µg/L	EPA 515.4	0.19	2			
2020/21-4	Lab	LCS, rec	5/22/2021	Pesticide	2,4-DB	n/a	=	99	%	EPA 515.4	-88	-88	70	130	
2020/21-4	000NONPJ	matrix spike	5/5/2021	Pesticide	3,5-Dichlorobenzoic acid	n/a	=	9	µg/L	EPA 515.4	0.12	1			
2020/21-4	000NONPJ	matrix spike, rec	5/5/2021	Pesticide	3,5-Dichlorobenzoic acid	n/a	=	113	%	EPA 515.4	-88	-88	70	130	
2020/21-4	000NONPJ	matrix spike dup	5/5/2021	Pesticide	3,5-Dichlorobenzoic acid	n/a	=	8.45	µg/L	EPA 515.4	0.12	1			
2020/21-4	000NONPJ	matrix spike dup, rec	5/5/2021	Pesticide	3,5-Dichlorobenzoic acid	n/a	=	106	%	EPA 515.4	-88	-88	70	130	
2020/21-4	000NONPJ	matrix spike, RPD	5/5/2021	Pesticide	3,5-Dichlorobenzoic acid	n/a	=	6	%	EPA 515.4	-88	-88	0	30	
2020/21-4	000NONPJ	matrix spike	5/22/2021	Pesticide	3,5-Dichlorobenzoic acid	n/a	=	7.84	µg/L	EPA 515.4	0.12	1			
2020/21-4	000NONPJ	matrix spike, rec	5/22/2021	Pesticide	3,5-Dichlorobenzoic acid	n/a	=	98	%	EPA 515.4	-88	-88	70	130	
2020/21-4	000NONPJ	matrix spike dup	5/23/2021	Pesticide	3,5-Dichlorobenzoic acid	n/a	=	7.91	µg/L	EPA 515.4	0.12	1			
2020/21-4	000NONPJ	matrix spike dup, rec	5/23/2021	Pesticide	3,5-Dichlorobenzoic acid	n/a	=	99	%	EPA 515.4	-88	-88	70	130	
2020/21-4	000NONPJ	matrix spike, RPD	5/23/2021	Pesticide	3,5-Dichlorobenzoic acid	n/a	=	0.8	%	EPA 515.4	-88	-88	0	30	
2020/21-4	Lab	method blank	5/5/2021	Pesticide	3,5-Dichlorobenzoic acid	n/a	<	0.12	µg/L	EPA 515.4	0.12	1			
2020/21-4	Lab	LCS	5/5/2021	Pesticide	3,5-Dichlorobenzoic acid	n/a	=	8.59	µg/L	EPA 515.4	0.12	1			
2020/21-4	Lab	LCS, rec	5/5/2021	Pesticide	3,5-Dichlorobenzoic acid	n/a	=	107	%	EPA 515.4	-88	-88	70	130	
2020/21-4	Lab	method blank	5/22/2021	Pesticide	3,5-Dichlorobenzoic acid	n/a	<	0.12	µg/L	EPA 515.4	0.12	1			
2020/21-4	Lab	LCS	5/22/2021	Pesticide	3,5-Dichlorobenzoic acid	n/a	=	7.85	µg/L	EPA 515.4	0.12	1			
2020/21-4	Lab	LCS, rec	5/22/2021	Pesticide	3,5-Dichlorobenzoic acid	n/a	=	98	%	EPA 515.4	-88	-88	70	130	
2020/21-4	000NONPJ	matrix spike	5/7/2021	Pesticide	4,4'-DDD	n/a	DNQ	3.62	µg/L	EPA 608.3	0.18	12			
2020/21-4	000NONPJ	matrix spike, rec	5/7/2021	Pesticide	4,4'-DDD	n/a	=	72	%	EPA 608.3	-88	-88	31	141	
2020/21-4	000NONPJ	matrix spike dup	5/7/2021	Pesticide	4,4'-DDD	n/a	DNQ	3.99	µg/L	EPA 608.3	0.18	12			
2020/21-4	000NONPJ	matrix spike dup, rec	5/7/2021	Pesticide	4,4'-DDD	n/a	=	80	%	EPA 608.3	-88	-88	31	141	
2020/21-4	000NONPJ	matrix spike, RPD	5/7/2021	Pesticide	4,4'-DDD	n/a	=	10	%	EPA 608.3	-88	-88	0	30	
2020/21-4	Lab	method blank	5/7/2021	Pesticide	4,4'-DDD	n/a	<	0.0007	µg/L	EPA 608.3	0.0007	0.05			
2020/21-4	Lab	LCS	5/7/2021	Pesticide	4,4'-DDD	n/a	=	0.105	µg/L	EPA 608.3	0.0007	0.05			
2020/21-4	Lab	LCS, rec	5/7/2021	Pesticide	4,4'-DDD	n/a	=	105	%	EPA 608.3	-88	-88	48	130	
2020/21-4	Lab	method blank	5/8/2021	Pesticide	4,4'-DDD	n/a	<	0.0007	µg/L	EPA 608.3	0.0007	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	
2020/21-4	Lab	LCS	5/8/2021	Pesticide	4,4'-DDD	n/a	=	0.104	µg/L	EPA 608.3	0.0007	0.05			
2020/21-4	Lab	LCS, rec	5/8/2021	Pesticide	4,4'-DDD	n/a	=	104	%	EPA 608.3	-88	-88	48	130	
2020/21-4	Lab	LCS dup	5/8/2021	Pesticide	4,4'-DDD	n/a	=	0.0994	µg/L	EPA 608.3	0.0007	0.05			
2020/21-4	Lab	LCS dup, rec	5/8/2021	Pesticide	4,4'-DDD	n/a	=	99	%	EPA 608.3	-88	-88	48	130	
2020/21-4	Lab	LCS, RPD	5/8/2021	Pesticide	4,4'-DDD	n/a	=	4	%	EPA 608.3	-88	-88	0	30	
2020/21-4	Lab	method blank	6/5/2021	Pesticide	4,4'-DDD	n/a	<	0.0007	µg/L	EPA 608.3	0.0007	0.05			
2020/21-4	Lab	LCS	6/5/2021	Pesticide	4,4'-DDD	n/a	=	0.0982	µg/L	EPA 608.3	0.0007	0.05			
2020/21-4	Lab	LCS, rec	6/5/2021	Pesticide	4,4'-DDD	n/a	=	98	%	EPA 608.3	-88	-88	48	130	
2020/21-4	Lab	LCS dup	6/5/2021	Pesticide	4,4'-DDD	n/a	=	0.102	µg/L	EPA 608.3	0.0007	0.05			
2020/21-4	Lab	LCS dup, rec	6/5/2021	Pesticide	4,4'-DDD	n/a	=	102	%	EPA 608.3	-88	-88	48	130	
2020/21-4	Lab	LCS, RPD	6/5/2021	Pesticide	4,4'-DDD	n/a	=	4	%	EPA 608.3	-88	-88	0	30	
2020/21-4	000NONPJ	matrix spike	5/7/2021	Pesticide	4,4'-DDE	n/a	DNQ	2.88	µg/L	EPA 608.3	0.18	12			
2020/21-4	000NONPJ	matrix spike, rec	5/7/2021	Pesticide	4,4'-DDE	n/a	=	58	%	EPA 608.3	-88	-88	30	145	
2020/21-4	000NONPJ	matrix spike dup	5/7/2021	Pesticide	4,4'-DDE	n/a	DNQ	3.26	µg/L	EPA 608.3	0.18	12			
2020/21-4	000NONPJ	matrix spike dup, rec	5/7/2021	Pesticide	4,4'-DDE	n/a	=	65	%	EPA 608.3	-88	-88	30	145	
2020/21-4	000NONPJ	matrix spike, RPD	5/7/2021	Pesticide	4,4'-DDE	n/a	=	12	%	EPA 608.3	-88	-88	0	30	
2020/21-4	Lab	method blank	5/7/2021	Pesticide	4,4'-DDE	n/a	<	0.0007	µg/L	EPA 608.3	0.0007	0.05			
2020/21-4	Lab	LCS	5/7/2021	Pesticide	4,4'-DDE	n/a	=	0.101	µg/L	EPA 608.3	0.0007	0.05			
2020/21-4	Lab	LCS, rec	5/7/2021	Pesticide	4,4'-DDE	n/a	=	101	%	EPA 608.3	-88	-88	54	130	
2020/21-4	Lab	method blank	5/8/2021	Pesticide	4,4'-DDE	n/a	<	0.0007	µg/L	EPA 608.3	0.0007	0.05			
2020/21-4	Lab	LCS	5/8/2021	Pesticide	4,4'-DDE	n/a	=	0.0973	µg/L	EPA 608.3	0.0007	0.05			
2020/21-4	Lab	LCS, rec	5/8/2021	Pesticide	4,4'-DDE	n/a	=	97	%	EPA 608.3	-88	-88	54	130	
2020/21-4	Lab	LCS dup	5/8/2021	Pesticide	4,4'-DDE	n/a	=	0.0938	µg/L	EPA 608.3	0.0007	0.05			
2020/21-4	Lab	LCS dup, rec	5/8/2021	Pesticide	4,4'-DDE	n/a	=	94	%	EPA 608.3	-88	-88	54	130	
2020/21-4	Lab	LCS, RPD	5/8/2021	Pesticide	4,4'-DDE	n/a	=	4	%	EPA 608.3	-88	-88	0	30	
2020/21-4	Lab	method blank	6/5/2021	Pesticide	4,4'-DDE	n/a	<	0.0007	µg/L	EPA 608.3	0.0007	0.05			
2020/21-4	Lab	LCS	6/5/2021	Pesticide	4,4'-DDE	n/a	=	0.0972	µg/L	EPA 608.3	0.0007	0.05			
2020/21-4	Lab	LCS, rec	6/5/2021	Pesticide	4,4'-DDE	n/a	=	97	%	EPA 608.3	-88	-88	54	130	
2020/21-4	Lab	LCS dup	6/5/2021	Pesticide	4,4'-DDE	n/a	=	0.101	µg/L	EPA 608.3	0.0007	0.05			
2020/21-4	Lab	LCS dup, rec	6/5/2021	Pesticide	4,4'-DDE	n/a	=	101	%	EPA 608.3	-88	-88	54	130	
2020/21-4	Lab	LCS, RPD	6/5/2021	Pesticide	4,4'-DDE	n/a	=	4	%	EPA 608.3	-88	-88	0	30	
2020/21-4	000NONPJ	matrix spike	5/7/2021	Pesticide	4,4'-DDT	n/a	=	2.53	µg/L	EPA 608.3	0.28	2.5			
2020/21-4	000NONPJ	matrix spike, rec	5/7/2021	Pesticide	4,4'-DDT	n/a	=	51	%	EPA 608.3	-88	-88	25	160	
2020/21-4	000NONPJ	matrix spike dup	5/7/2021	Pesticide	4,4'-DDT	n/a	=	2.88	µg/L	EPA 608.3	0.28	2.5			
2020/21-4	000NONPJ	matrix spike dup, rec	5/7/2021	Pesticide	4,4'-DDT	n/a	=	58	%	EPA 608.3	-88	-88	25	160	
2020/21-4	000NONPJ	matrix spike, RPD	5/7/2021	Pesticide	4,4'-DDT	n/a	=	13	%	EPA 608.3	-88	-88	0	30	
2020/21-4	Lab	method blank	5/7/2021	Pesticide	4,4'-DDT	n/a	<	0.0011	µg/L	EPA 608.3	0.0011	0.01			
2020/21-4	Lab	LCS	5/7/2021	Pesticide	4,4'-DDT	n/a	=	0.102	µg/L	EPA 608.3	0.0011	0.01			
2020/21-4	Lab	LCS, rec	5/7/2021	Pesticide	4,4'-DDT	n/a	=	102	%	EPA 608.3	-88	-88	46	137	
2020/21-4	Lab	method blank	5/8/2021	Pesticide	4,4'-DDT	n/a	<	0.0011	µg/L	EPA 608.3	0.0011	0.01			
2020/21-4	Lab	LCS	5/8/2021	Pesticide	4,4'-DDT	n/a	=	0.102	µg/L	EPA 608.3	0.0011	0.01			
2020/21-4	Lab	LCS, rec	5/8/2021	Pesticide	4,4'-DDT	n/a	=	102	%	EPA 608.3	-88	-88	46	137	
2020/21-4	Lab	LCS dup	5/8/2021	Pesticide	4,4'-DDT	n/a	=	0.0981	µg/L	EPA 608.3	0.0011	0.01			
2020/21-4	Lab	LCS dup, rec	5/8/2021	Pesticide	4,4'-DDT	n/a	=	98	%	EPA 608.3	-88	-88	46	137	
2020/21-4	Lab	LCS, RPD	5/8/2021	Pesticide	4,4'-DDT	n/a	=	4	%	EPA 608.3	-88	-88	0	30	
2020/21-4	Lab	method blank	6/5/2021	Pesticide	4,4'-DDT	n/a	<	0.0011	µg/L	EPA 608.3	0.0011	0.01			
2020/21-4	Lab	LCS	6/5/2021	Pesticide	4,4'-DDT	n/a	=	0.103	µg/L	EPA 608.3	0.0011	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	
2020/21-4	Lab	LCS, rec	6/5/2021	Pesticide	4,4'-DDT	n/a	=	103	%	EPA 608.3	-88	-88	46	137	
2020/21-4	Lab	LCS dup	6/5/2021	Pesticide	4,4'-DDT	n/a	=	0.107	µg/L	EPA 608.3	0.0011	0.01			
2020/21-4	Lab	LCS dup, rec	6/5/2021	Pesticide	4,4'-DDT	n/a	=	107	%	EPA 608.3	-88	-88	46	137	
2020/21-4	Lab	LCS, RPD	6/5/2021	Pesticide	4,4'-DDT	n/a	=	4	%	EPA 608.3	-88	-88	0	30	
2020/21-4	000NONPJ	matrix spike	5/5/2021	Pesticide	Acifluorfen	n/a	=	4.35	µg/L	EPA 515.4	0.072	0.4			
2020/21-4	000NONPJ	matrix spike, rec	5/5/2021	Pesticide	Acifluorfen	n/a	=	109	%	EPA 515.4	-88	-88	70	130	
2020/21-4	000NONPJ	matrix spike dup	5/5/2021	Pesticide	Acifluorfen	n/a	=	4.15	µg/L	EPA 515.4	0.072	0.4			
2020/21-4	000NONPJ	matrix spike dup, rec	5/5/2021	Pesticide	Acifluorfen	n/a	=	104	%	EPA 515.4	-88	-88	70	130	
2020/21-4	000NONPJ	matrix spike, RPD	5/5/2021	Pesticide	Acifluorfen	n/a	=	5	%	EPA 515.4	-88	-88	0	30	
2020/21-4	000NONPJ	matrix spike	5/22/2021	Pesticide	Acifluorfen	n/a	=	4.01	µg/L	EPA 515.4	0.072	0.4			
2020/21-4	000NONPJ	matrix spike, rec	5/22/2021	Pesticide	Acifluorfen	n/a	=	100	%	EPA 515.4	-88	-88	70	130	
2020/21-4	000NONPJ	matrix spike dup	5/23/2021	Pesticide	Acifluorfen	n/a	=	4.13	µg/L	EPA 515.4	0.072	0.4			
2020/21-4	000NONPJ	matrix spike dup, rec	5/23/2021	Pesticide	Acifluorfen	n/a	=	103	%	EPA 515.4	-88	-88	70	130	
2020/21-4	000NONPJ	matrix spike, RPD	5/23/2021	Pesticide	Acifluorfen	n/a	=	3	%	EPA 515.4	-88	-88	0	30	
2020/21-4	Lab	method blank	5/5/2021	Pesticide	Acifluorfen	n/a	<	0.072	µg/L	EPA 515.4	0.072	0.4			
2020/21-4	Lab	LCS	5/5/2021	Pesticide	Acifluorfen	n/a	=	4.22	µg/L	EPA 515.4	0.072	0.4			
2020/21-4	Lab	LCS, rec	5/5/2021	Pesticide	Acifluorfen	n/a	=	105	%	EPA 515.4	-88	-88	70	130	
2020/21-4	Lab	method blank	5/22/2021	Pesticide	Acifluorfen	n/a	<	0.072	µg/L	EPA 515.4	0.072	0.4			
2020/21-4	Lab	LCS	5/22/2021	Pesticide	Acifluorfen	n/a	=	3.97	µg/L	EPA 515.4	0.072	0.4			
2020/21-4	Lab	LCS, rec	5/22/2021	Pesticide	Acifluorfen	n/a	=	99	%	EPA 515.4	-88	-88	70	130	
2020/21-4	Lab	method blank	5/11/2021	Pesticide	Alachlor	n/a	=	0.202	µg/L	EPA 525.2	0.03	0.1			IP
2020/21-4	Lab	LCS	5/11/2021	Pesticide	Alachlor	n/a	=	5.46	µg/L	EPA 525.2	0.03	0.1			
2020/21-4	Lab	LCS, rec	5/11/2021	Pesticide	Alachlor	n/a	=	109	%	EPA 525.2	-88	-88	70	130	
2020/21-4	Lab	LCS dup	5/11/2021	Pesticide	Alachlor	n/a	=	7.19	µg/L	EPA 525.2	0.03	0.1			EUM
2020/21-4	Lab	LCS dup, rec	5/11/2021	Pesticide	Alachlor	n/a	=	144	%	EPA 525.2	-88	-88	70	130	EUM
2020/21-4	Lab	LCS, RPD	5/11/2021	Pesticide	Alachlor	n/a	=	27	%	EPA 525.2	-88	-88	0	30	
2020/21-4	Lab	method blank	5/13/2021	Pesticide	Alachlor	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1			
2020/21-4	Lab	LCS	5/13/2021	Pesticide	Alachlor	n/a	=	5.66	µg/L	EPA 525.2	0.03	0.1			
2020/21-4	Lab	LCS, rec	5/13/2021	Pesticide	Alachlor	n/a	=	113	%	EPA 525.2	-88	-88	70	130	
2020/21-4	Lab	LCS dup	5/13/2021	Pesticide	Alachlor	n/a	=	6.34	µg/L	EPA 525.2	0.03	0.1			
2020/21-4	Lab	LCS dup, rec	5/13/2021	Pesticide	Alachlor	n/a	=	127	%	EPA 525.2	-88	-88	70	130	
2020/21-4	Lab	LCS, RPD	5/13/2021	Pesticide	Alachlor	n/a	=	11	%	EPA 525.2	-88	-88	0	30	
2020/21-4	Lab	method blank	6/3/2021	Pesticide	Alachlor	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1			
2020/21-4	Lab	LCS	6/3/2021	Pesticide	Alachlor	n/a	=	5.56	µg/L	EPA 525.2	0.03	0.1			
2020/21-4	Lab	LCS, rec	6/3/2021	Pesticide	Alachlor	n/a	=	111	%	EPA 525.2	-88	-88	70	130	
2020/21-4	Lab	LCS dup	6/3/2021	Pesticide	Alachlor	n/a	=	5.71	µg/L	EPA 525.2	0.03	0.1			
2020/21-4	Lab	LCS dup, rec	6/3/2021	Pesticide	Alachlor	n/a	=	114	%	EPA 525.2	-88	-88	70	130	
2020/21-4	Lab	LCS, RPD	6/3/2021	Pesticide	Alachlor	n/a	=	3	%	EPA 525.2	-88	-88	0	30	
2020/21-4	Lab	method blank	6/3/2021	Pesticide	Alachlor	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1			
2020/21-4	Lab	LCS	6/3/2021	Pesticide	Alachlor	n/a	=	5.98	µg/L	EPA 525.2	0.03	0.1			
2020/21-4	Lab	LCS, rec	6/3/2021	Pesticide	Alachlor	n/a	=	120	%	EPA 525.2	-88	-88	70	130	
2020/21-4	Lab	LCS dup	6/4/2021	Pesticide	Alachlor	n/a	=	6.26	µg/L	EPA 525.2	0.03	0.1			
2020/21-4	Lab	LCS dup, rec	6/4/2021	Pesticide	Alachlor	n/a	=	125	%	EPA 525.2	-88	-88	70	130	
2020/21-4	Lab	LCS, RPD	6/4/2021	Pesticide	Alachlor	n/a	=	5	%	EPA 525.2	-88	-88	0	30	
2020/21-4	Lab	method blank	6/4/2021	Pesticide	Alachlor	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1			
2020/21-4	Lab	LCS	6/4/2021	Pesticide	Alachlor	n/a	=	5.8	µg/L	EPA 525.2	0.03	0.1			
2020/21-4	Lab	LCS, rec	6/4/2021	Pesticide	Alachlor	n/a	=	116	%	EPA 525.2	-88	-88	70	130	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2020/21-4	Lab	LCS dup	6/4/2021	Pesticide	Alachlor	n/a	=	5.93	µg/L	EPA 525.2	0.03	0.1			
2020/21-4	Lab	LCS dup, rec	6/4/2021	Pesticide	Alachlor	n/a	=	119	%	EPA 525.2	-88	-88	70	130	
2020/21-4	Lab	LCS, RPD	6/4/2021	Pesticide	Alachlor	n/a	=	2	%	EPA 525.2	-88	-88	0	30	
2020/21-4	000NONPJ	matrix spike	5/7/2021	Pesticide	Aldrin	n/a	=	3.42	µg/L	EPA 608.3	0.25	1.2			
2020/21-4	000NONPJ	matrix spike, rec	5/7/2021	Pesticide	Aldrin	n/a	=	68	%	EPA 608.3	-88	-88	42	140	
2020/21-4	000NONPJ	matrix spike dup	5/7/2021	Pesticide	Aldrin	n/a	=	4	µg/L	EPA 608.3	0.25	1.2			
2020/21-4	000NONPJ	matrix spike dup, rec	5/7/2021	Pesticide	Aldrin	n/a	=	80	%	EPA 608.3	-88	-88	42	140	
2020/21-4	000NONPJ	matrix spike, RPD	5/7/2021	Pesticide	Aldrin	n/a	=	16	%	EPA 608.3	-88	-88	0	30	
2020/21-4	Lab	method blank	5/7/2021	Pesticide	Aldrin	n/a	<	0.001	µg/L	EPA 608.3	0.001	0.005			
2020/21-4	Lab	LCS	5/7/2021	Pesticide	Aldrin	n/a	=	0.1	µg/L	EPA 608.3	0.001	0.005			
2020/21-4	Lab	LCS, rec	5/7/2021	Pesticide	Aldrin	n/a	=	100	%	EPA 608.3	-88	-88	54	130	
2020/21-4	Lab	method blank	5/8/2021	Pesticide	Aldrin	n/a	<	0.001	µg/L	EPA 608.3	0.001	0.005			
2020/21-4	Lab	LCS	5/8/2021	Pesticide	Aldrin	n/a	=	0.0922	µg/L	EPA 608.3	0.001	0.005			
2020/21-4	Lab	LCS, rec	5/8/2021	Pesticide	Aldrin	n/a	=	92	%	EPA 608.3	-88	-88	54	130	
2020/21-4	Lab	LCS dup	5/8/2021	Pesticide	Aldrin	n/a	=	0.0907	µg/L	EPA 608.3	0.001	0.005			
2020/21-4	Lab	LCS dup, rec	5/8/2021	Pesticide	Aldrin	n/a	=	91	%	EPA 608.3	-88	-88	54	130	
2020/21-4	Lab	LCS, RPD	5/8/2021	Pesticide	Aldrin	n/a	=	2	%	EPA 608.3	-88	-88	0	30	
2020/21-4	Lab	method blank	6/5/2021	Pesticide	Aldrin	n/a	<	0.001	µg/L	EPA 608.3	0.001	0.005			
2020/21-4	Lab	LCS	6/5/2021	Pesticide	Aldrin	n/a	=	0.0849	µg/L	EPA 608.3	0.001	0.005			
2020/21-4	Lab	LCS, rec	6/5/2021	Pesticide	Aldrin	n/a	=	85	%	EPA 608.3	-88	-88	54	130	
2020/21-4	Lab	LCS dup	6/5/2021	Pesticide	Aldrin	n/a	=	0.0928	µg/L	EPA 608.3	0.001	0.005			
2020/21-4	Lab	LCS dup, rec	6/5/2021	Pesticide	Aldrin	n/a	=	93	%	EPA 608.3	-88	-88	54	130	
2020/21-4	Lab	LCS, RPD	6/5/2021	Pesticide	Aldrin	n/a	=	9	%	EPA 608.3	-88	-88	0	30	
2020/21-4	000NONPJ	matrix spike	5/7/2021	Pesticide	alpha-BHC	n/a	=	3.98	µg/L	EPA 608.3	0.28	2.5			
2020/21-4	000NONPJ	matrix spike, rec	5/7/2021	Pesticide	alpha-BHC	n/a	=	80	%	EPA 608.3	-88	-88	37	140	
2020/21-4	000NONPJ	matrix spike dup	5/7/2021	Pesticide	alpha-BHC	n/a	=	4.69	µg/L	EPA 608.3	0.28	2.5			
2020/21-4	000NONPJ	matrix spike dup, rec	5/7/2021	Pesticide	alpha-BHC	n/a	=	94	%	EPA 608.3	-88	-88	37	140	
2020/21-4	000NONPJ	matrix spike, RPD	5/7/2021	Pesticide	alpha-BHC	n/a	=	16	%	EPA 608.3	-88	-88	0	30	
2020/21-4	Lab	method blank	5/7/2021	Pesticide	alpha-BHC	n/a	<	0.0011	µg/L	EPA 608.3	0.0011	0.01			
2020/21-4	Lab	LCS	5/7/2021	Pesticide	alpha-BHC	n/a	=	0.102	µg/L	EPA 608.3	0.0011	0.01			
2020/21-4	Lab	LCS, rec	5/7/2021	Pesticide	alpha-BHC	n/a	=	102	%	EPA 608.3	-88	-88	49	130	
2020/21-4	Lab	method blank	5/8/2021	Pesticide	alpha-BHC	n/a	<	0.0011	µg/L	EPA 608.3	0.0011	0.01			
2020/21-4	Lab	LCS	5/8/2021	Pesticide	alpha-BHC	n/a	=	0.0917	µg/L	EPA 608.3	0.0011	0.01			
2020/21-4	Lab	LCS, rec	5/8/2021	Pesticide	alpha-BHC	n/a	=	92	%	EPA 608.3	-88	-88	49	130	
2020/21-4	Lab	LCS dup	5/8/2021	Pesticide	alpha-BHC	n/a	=	0.0914	µg/L	EPA 608.3	0.0011	0.01			
2020/21-4	Lab	LCS dup, rec	5/8/2021	Pesticide	alpha-BHC	n/a	=	91	%	EPA 608.3	-88	-88	49	130	
2020/21-4	Lab	LCS, RPD	5/8/2021	Pesticide	alpha-BHC	n/a	=	0.4	%	EPA 608.3	-88	-88	0	30	
2020/21-4	Lab	method blank	6/5/2021	Pesticide	alpha-BHC	n/a	<	0.0011	µg/L	EPA 608.3	0.0011	0.01			
2020/21-4	Lab	LCS	6/5/2021	Pesticide	alpha-BHC	n/a	=	0.0844	µg/L	EPA 608.3	0.0011	0.01			
2020/21-4	Lab	LCS, rec	6/5/2021	Pesticide	alpha-BHC	n/a	=	84	%	EPA 608.3	-88	-88	49	130	
2020/21-4	Lab	LCS dup	6/5/2021	Pesticide	alpha-BHC	n/a	=	0.0957	µg/L	EPA 608.3	0.0011	0.01			
2020/21-4	Lab	LCS dup, rec	6/5/2021	Pesticide	alpha-BHC	n/a	=	96	%	EPA 608.3	-88	-88	49	130	
2020/21-4	Lab	LCS, RPD	6/5/2021	Pesticide	alpha-BHC	n/a	=	12	%	EPA 608.3	-88	-88	0	30	
2020/21-4	Lab	method blank	5/7/2021	Pesticide	alpha-Chlordane	n/a	<	0.0029	µg/L	EPA 608.3	0.0029	0.01			
2020/21-4	Lab	method blank	5/8/2021	Pesticide	alpha-Chlordane	n/a	<	0.0029	µg/L	EPA 608.3	0.0029	0.01			
2020/21-4	Lab	method blank	6/5/2021	Pesticide	alpha-Chlordane	n/a	<	0.0029	µg/L	EPA 608.3	0.0029	0.01			
2020/21-4	Lab	method blank	5/11/2021	Pesticide	Atrazine	n/a	=	0.216	µg/L	EPA 525.2	0.03	0.1			IP

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2020/21-4	Lab	LCS	5/11/2021	Pesticide	Atrazine	n/a	=	5.42	µg/L	EPA 525.2	0.03	0.1			
2020/21-4	Lab	LCS, rec	5/11/2021	Pesticide	Atrazine	n/a	=	108	%	EPA 525.2	-88	-88	70	130	
2020/21-4	Lab	LCS dup	5/11/2021	Pesticide	Atrazine	n/a	=	5.49	µg/L	EPA 525.2	0.03	0.1			
2020/21-4	Lab	LCS dup, rec	5/11/2021	Pesticide	Atrazine	n/a	=	110	%	EPA 525.2	-88	-88	70	130	
2020/21-4	Lab	LCS, RPD	5/11/2021	Pesticide	Atrazine	n/a	=	1	%	EPA 525.2	-88	-88	0	30	
2020/21-4	Lab	method blank	5/13/2021	Pesticide	Atrazine	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1			
2020/21-4	Lab	LCS	5/13/2021	Pesticide	Atrazine	n/a	=	5.81	µg/L	EPA 525.2	0.03	0.1			
2020/21-4	Lab	LCS, rec	5/13/2021	Pesticide	Atrazine	n/a	=	116	%	EPA 525.2	-88	-88	70	130	
2020/21-4	Lab	LCS dup	5/13/2021	Pesticide	Atrazine	n/a	=	5.53	µg/L	EPA 525.2	0.03	0.1			
2020/21-4	Lab	LCS dup, rec	5/13/2021	Pesticide	Atrazine	n/a	=	111	%	EPA 525.2	-88	-88	70	130	
2020/21-4	Lab	LCS, RPD	5/13/2021	Pesticide	Atrazine	n/a	=	5	%	EPA 525.2	-88	-88	0	30	
2020/21-4	Lab	method blank	6/3/2021	Pesticide	Atrazine	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1			
2020/21-4	Lab	LCS	6/3/2021	Pesticide	Atrazine	n/a	=	5.54	µg/L	EPA 525.2	0.03	0.1			
2020/21-4	Lab	LCS, rec	6/3/2021	Pesticide	Atrazine	n/a	=	111	%	EPA 525.2	-88	-88	70	130	
2020/21-4	Lab	LCS dup	6/3/2021	Pesticide	Atrazine	n/a	=	5.53	µg/L	EPA 525.2	0.03	0.1			
2020/21-4	Lab	LCS dup, rec	6/3/2021	Pesticide	Atrazine	n/a	=	111	%	EPA 525.2	-88	-88	70	130	
2020/21-4	Lab	LCS, RPD	6/3/2021	Pesticide	Atrazine	n/a	=	0.2	%	EPA 525.2	-88	-88	0	30	
2020/21-4	Lab	method blank	6/3/2021	Pesticide	Atrazine	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1			
2020/21-4	Lab	LCS	6/3/2021	Pesticide	Atrazine	n/a	=	5.52	µg/L	EPA 525.2	0.03	0.1			
2020/21-4	Lab	LCS, rec	6/3/2021	Pesticide	Atrazine	n/a	=	110	%	EPA 525.2	-88	-88	70	130	
2020/21-4	Lab	LCS dup	6/4/2021	Pesticide	Atrazine	n/a	=	5.37	µg/L	EPA 525.2	0.03	0.1			
2020/21-4	Lab	LCS dup, rec	6/4/2021	Pesticide	Atrazine	n/a	=	107	%	EPA 525.2	-88	-88	70	130	
2020/21-4	Lab	LCS, RPD	6/4/2021	Pesticide	Atrazine	n/a	=	3	%	EPA 525.2	-88	-88	0	30	
2020/21-4	Lab	method blank	6/4/2021	Pesticide	Atrazine	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1			
2020/21-4	Lab	LCS	6/4/2021	Pesticide	Atrazine	n/a	=	5.77	µg/L	EPA 525.2	0.03	0.1			
2020/21-4	Lab	LCS, rec	6/4/2021	Pesticide	Atrazine	n/a	=	115	%	EPA 525.2	-88	-88	70	130	
2020/21-4	Lab	LCS dup	6/4/2021	Pesticide	Atrazine	n/a	=	5.79	µg/L	EPA 525.2	0.03	0.1			
2020/21-4	Lab	LCS dup, rec	6/4/2021	Pesticide	Atrazine	n/a	=	116	%	EPA 525.2	-88	-88	70	130	
2020/21-4	Lab	LCS, RPD	6/4/2021	Pesticide	Atrazine	n/a	=	0.4	%	EPA 525.2	-88	-88	0	30	
2020/21-4	Lab	method blank	5/3/2021	Pesticide	Azinphos methyl	n/a	<	0.0055	µg/L	EPA 625.1m	0.0055	0.01			
2020/21-4	Lab	LCS	5/3/2021	Pesticide	Azinphos methyl	n/a	=	0.093	µg/L	EPA 625.1m	0.0055	0.01			EUM
2020/21-4	Lab	LCS, rec	5/3/2021	Pesticide	Azinphos methyl	n/a	=	186	%	EPA 625.1m	-88	-88	0.1	179	EUM
2020/21-4	Lab	method blank	5/5/2021	Pesticide	Azinphos methyl	n/a	<	0.0055	µg/L	EPA 625.1m	0.0055	0.01			
2020/21-4	Lab	LCS	5/5/2021	Pesticide	Azinphos methyl	n/a	=	0.0677	µg/L	EPA 625.1m	0.0055	0.01			
2020/21-4	Lab	LCS, rec	5/5/2021	Pesticide	Azinphos methyl	n/a	=	135	%	EPA 625.1m	-88	-88	0.1	179	
2020/21-4	Lab	method blank	5/20/2021	Pesticide	Azinphos methyl	n/a	<	0.0055	µg/L	EPA 625.1m	0.0055	0.01			
2020/21-4	Lab	LCS	5/20/2021	Pesticide	Azinphos methyl	n/a	=	0.064	µg/L	EPA 625.1m	0.0055	0.01			
2020/21-4	Lab	LCS, rec	5/20/2021	Pesticide	Azinphos methyl	n/a	=	128	%	EPA 625.1m	-88	-88	0.1	179	
2020/21-4	ME-CC	matrix spike	5/5/2021	Pesticide	Azinphos methyl	n/a	=	0.071	µg/L	EPA 625.1m	0.0055	0.01			
2020/21-4	ME-CC	matrix spike, rec	5/5/2021	Pesticide	Azinphos methyl	n/a	=	142	%	EPA 625.1m	-88	-88	0.1	153	
2020/21-4	ME-CC	matrix spike dup	5/5/2021	Pesticide	Azinphos methyl	n/a	=	0.0741	µg/L	EPA 625.1m	0.0055	0.01			
2020/21-4	ME-CC	matrix spike dup, rec	5/5/2021	Pesticide	Azinphos methyl	n/a	=	148	%	EPA 625.1m	-88	-88	0.1	153	
2020/21-4	ME-CC	matrix spike, RPD	5/5/2021	Pesticide	Azinphos methyl	n/a	=	4	%	EPA 625.1m	-88	-88	0	30	
2020/21-4	ME-SCR	matrix spike	5/3/2021	Pesticide	Azinphos methyl	n/a	=	0.0827	µg/L	EPA 625.1m	0.0055	0.01			GB
2020/21-4	ME-SCR	matrix spike, rec	5/3/2021	Pesticide	Azinphos methyl	n/a	=	165	%	EPA 625.1m	-88	-88	0.1	153	GB
2020/21-4	ME-SCR	matrix spike dup	5/3/2021	Pesticide	Azinphos methyl	n/a	=	0.099	µg/L	EPA 625.1m	0.0055	0.01			GB
2020/21-4	ME-SCR	matrix spike dup, rec	5/3/2021	Pesticide	Azinphos methyl	n/a	=	198	%	EPA 625.1m	-88	-88	0.1	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	
2020/21-4	ME-SCR	matrix spike, RPD	5/3/2021	Pesticide	Azinphos methyl	n/a	=	18	%	EPA 625.1m	-88	-88	0	30	
2020/21-4	MO-HUE	matrix spike	5/20/2021	Pesticide	Azinphos methyl	n/a	=	0.076	µg/L	EPA 625.1m	0.0055	0.01			
2020/21-4	MO-HUE	matrix spike, rec	5/20/2021	Pesticide	Azinphos methyl	n/a	=	152	%	EPA 625.1m	-88	-88	0.1	153	
2020/21-4	MO-HUE	matrix spike dup	5/20/2021	Pesticide	Azinphos methyl	n/a	=	0.0938	µg/L	EPA 625.1m	0.0055	0.01			GB
2020/21-4	MO-HUE	matrix spike dup, rec	5/20/2021	Pesticide	Azinphos methyl	n/a	=	188	%	EPA 625.1m	-88	-88	0.1	153	GB
2020/21-4	MO-HUE	matrix spike, RPD	5/20/2021	Pesticide	Azinphos methyl	n/a	=	21	%	EPA 625.1m	-88	-88	0	30	
2020/21-4	000NONPJ	matrix spike	5/5/2021	Pesticide	Bentazon	n/a	=	16.8	µg/L	EPA 515.4	0.23	2			
2020/21-4	000NONPJ	matrix spike, rec	5/5/2021	Pesticide	Bentazon	n/a	=	105	%	EPA 515.4	-88	-88	70	130	
2020/21-4	000NONPJ	matrix spike dup	5/5/2021	Pesticide	Bentazon	n/a	=	15.9	µg/L	EPA 515.4	0.23	2			
2020/21-4	000NONPJ	matrix spike dup, rec	5/5/2021	Pesticide	Bentazon	n/a	=	99	%	EPA 515.4	-88	-88	70	130	
2020/21-4	000NONPJ	matrix spike, RPD	5/5/2021	Pesticide	Bentazon	n/a	=	6	%	EPA 515.4	-88	-88	0	30	
2020/21-4	000NONPJ	matrix spike	5/22/2021	Pesticide	Bentazon	n/a	=	15.6	µg/L	EPA 515.4	0.23	2			
2020/21-4	000NONPJ	matrix spike, rec	5/22/2021	Pesticide	Bentazon	n/a	=	98	%	EPA 515.4	-88	-88	70	130	
2020/21-4	000NONPJ	matrix spike dup	5/23/2021	Pesticide	Bentazon	n/a	=	16.1	µg/L	EPA 515.4	0.23	2			
2020/21-4	000NONPJ	matrix spike dup, rec	5/23/2021	Pesticide	Bentazon	n/a	=	101	%	EPA 515.4	-88	-88	70	130	
2020/21-4	000NONPJ	matrix spike, RPD	5/23/2021	Pesticide	Bentazon	n/a	=	3	%	EPA 515.4	-88	-88	0	30	
2020/21-4	Lab	method blank	5/5/2021	Pesticide	Bentazon	n/a	<	0.23	µg/L	EPA 515.4	0.23	2			
2020/21-4	Lab	LCS	5/5/2021	Pesticide	Bentazon	n/a	=	16.3	µg/L	EPA 515.4	0.23	2			
2020/21-4	Lab	LCS, rec	5/5/2021	Pesticide	Bentazon	n/a	=	102	%	EPA 515.4	-88	-88	70	130	
2020/21-4	Lab	method blank	5/22/2021	Pesticide	Bentazon	n/a	<	0.23	µg/L	EPA 515.4	0.23	2			
2020/21-4	Lab	LCS	5/22/2021	Pesticide	Bentazon	n/a	=	15.8	µg/L	EPA 515.4	0.23	2			
2020/21-4	Lab	LCS, rec	5/22/2021	Pesticide	Bentazon	n/a	=	99	%	EPA 515.4	-88	-88	70	130	
2020/21-4	000NONPJ	matrix spike	5/7/2021	Pesticide	beta-BHC	n/a	=	4.38	µg/L	EPA 608.3	0.38	1.2			
2020/21-4	000NONPJ	matrix spike, rec	5/7/2021	Pesticide	beta-BHC	n/a	=	88	%	EPA 608.3	-88	-88	17	147	
2020/21-4	000NONPJ	matrix spike dup	5/7/2021	Pesticide	beta-BHC	n/a	=	4.81	µg/L	EPA 608.3	0.38	1.2			
2020/21-4	000NONPJ	matrix spike dup, rec	5/7/2021	Pesticide	beta-BHC	n/a	=	96	%	EPA 608.3	-88	-88	17	147	
2020/21-4	000NONPJ	matrix spike, RPD	5/7/2021	Pesticide	beta-BHC	n/a	=	9	%	EPA 608.3	-88	-88	0	30	
2020/21-4	Lab	method blank	5/7/2021	Pesticide	beta-BHC	n/a	<	0.0015	µg/L	EPA 608.3	0.0015	0.005			
2020/21-4	Lab	LCS	5/7/2021	Pesticide	beta-BHC	n/a	=	0.109	µg/L	EPA 608.3	0.0015	0.005			
2020/21-4	Lab	LCS, rec	5/7/2021	Pesticide	beta-BHC	n/a	=	109	%	EPA 608.3	-88	-88	39	130	
2020/21-4	Lab	method blank	5/8/2021	Pesticide	beta-BHC	n/a	<	0.0015	µg/L	EPA 608.3	0.0015	0.005			
2020/21-4	Lab	LCS	5/8/2021	Pesticide	beta-BHC	n/a	=	0.0957	µg/L	EPA 608.3	0.0015	0.005			
2020/21-4	Lab	LCS, rec	5/8/2021	Pesticide	beta-BHC	n/a	=	96	%	EPA 608.3	-88	-88	39	130	
2020/21-4	Lab	LCS dup	5/8/2021	Pesticide	beta-BHC	n/a	=	0.0922	µg/L	EPA 608.3	0.0015	0.005			
2020/21-4	Lab	LCS dup, rec	5/8/2021	Pesticide	beta-BHC	n/a	=	92	%	EPA 608.3	-88	-88	39	130	
2020/21-4	Lab	LCS, RPD	5/8/2021	Pesticide	beta-BHC	n/a	=	4	%	EPA 608.3	-88	-88	0	30	
2020/21-4	Lab	method blank	6/5/2021	Pesticide	beta-BHC	n/a	<	0.0015	µg/L	EPA 608.3	0.0015	0.005			
2020/21-4	Lab	LCS	6/5/2021	Pesticide	beta-BHC	n/a	=	0.0904	µg/L	EPA 608.3	0.0015	0.005			
2020/21-4	Lab	LCS, rec	6/5/2021	Pesticide	beta-BHC	n/a	=	90	%	EPA 608.3	-88	-88	39	130	
2020/21-4	Lab	LCS dup	6/5/2021	Pesticide	beta-BHC	n/a	=	0.102	µg/L	EPA 608.3	0.0015	0.005			
2020/21-4	Lab	LCS dup, rec	6/5/2021	Pesticide	beta-BHC	n/a	=	102	%	EPA 608.3	-88	-88	39	130	
2020/21-4	Lab	LCS, RPD	6/5/2021	Pesticide	beta-BHC	n/a	=	12	%	EPA 608.3	-88	-88	0	30	
2020/21-4	Lab	method blank	5/3/2021	Pesticide	Bolstar	n/a	<	0.0046	µg/L	EPA 625.1m	0.0046	0.01			
2020/21-4	Lab	LCS	5/3/2021	Pesticide	Bolstar	n/a	=	0.0619	µg/L	EPA 625.1m	0.0046	0.01			
2020/21-4	Lab	LCS, rec	5/3/2021	Pesticide	Bolstar	n/a	=	124	%	EPA 625.1m	-88	-88	24	143	
2020/21-4	Lab	method blank	5/5/2021	Pesticide	Bolstar	n/a	<	0.0046	µg/L	EPA 625.1m	0.0046	0.01			
2020/21-4	Lab	LCS	5/5/2021	Pesticide	Bolstar	n/a	=	0.0565	µg/L	EPA 625.1m	0.0046	0.01			

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2020/21-4	Lab	LCS, rec	5/5/2021	Pesticide	Bolstar	n/a	=	113	%	EPA 625.1m	-88	-88	24	143	
2020/21-4	Lab	method blank	5/20/2021	Pesticide	Bolstar	n/a	<	0.0046	µg/L	EPA 625.1m	0.0046	0.01			
2020/21-4	Lab	LCS	5/20/2021	Pesticide	Bolstar	n/a	=	0.0449	µg/L	EPA 625.1m	0.0046	0.01			
2020/21-4	Lab	LCS, rec	5/20/2021	Pesticide	Bolstar	n/a	=	90	%	EPA 625.1m	-88	-88	24	143	
2020/21-4	ME-CC	matrix spike	5/5/2021	Pesticide	Bolstar	n/a	=	0.0524	µg/L	EPA 625.1m	0.0046	0.01			
2020/21-4	ME-CC	matrix spike, rec	5/5/2021	Pesticide	Bolstar	n/a	=	105	%	EPA 625.1m	-88	-88	22	160	
2020/21-4	ME-CC	matrix spike dup	5/5/2021	Pesticide	Bolstar	n/a	=	0.0492	µg/L	EPA 625.1m	0.0046	0.01			
2020/21-4	ME-CC	matrix spike dup, rec	5/5/2021	Pesticide	Bolstar	n/a	=	98	%	EPA 625.1m	-88	-88	22	160	
2020/21-4	ME-CC	matrix spike, RPD	5/5/2021	Pesticide	Bolstar	n/a	=	6	%	EPA 625.1m	-88	-88	0	30	
2020/21-4	ME-SCR	matrix spike	5/3/2021	Pesticide	Bolstar	n/a	=	0.0601	µg/L	EPA 625.1m	0.0046	0.01			
2020/21-4	ME-SCR	matrix spike, rec	5/3/2021	Pesticide	Bolstar	n/a	=	120	%	EPA 625.1m	-88	-88	22	160	
2020/21-4	ME-SCR	matrix spike dup	5/3/2021	Pesticide	Bolstar	n/a	=	0.0659	µg/L	EPA 625.1m	0.0046	0.01			
2020/21-4	ME-SCR	matrix spike dup, rec	5/3/2021	Pesticide	Bolstar	n/a	=	132	%	EPA 625.1m	-88	-88	22	160	
2020/21-4	ME-SCR	matrix spike, RPD	5/3/2021	Pesticide	Bolstar	n/a	=	9	%	EPA 625.1m	-88	-88	0	30	
2020/21-4	MO-HUE	matrix spike	5/20/2021	Pesticide	Bolstar	n/a	=	0.0495	µg/L	EPA 625.1m	0.0046	0.01			
2020/21-4	MO-HUE	matrix spike, rec	5/20/2021	Pesticide	Bolstar	n/a	=	99	%	EPA 625.1m	-88	-88	22	160	
2020/21-4	MO-HUE	matrix spike dup	5/20/2021	Pesticide	Bolstar	n/a	=	0.0471	µg/L	EPA 625.1m	0.0046	0.01			
2020/21-4	MO-HUE	matrix spike dup, rec	5/20/2021	Pesticide	Bolstar	n/a	=	94	%	EPA 625.1m	-88	-88	22	160	
2020/21-4	MO-HUE	matrix spike, RPD	5/20/2021	Pesticide	Bolstar	n/a	=	5	%	EPA 625.1m	-88	-88	0	30	
2020/21-4	Lab	method blank	5/11/2021	Pesticide	Bromacil	n/a	DNQ	0.223	µg/L	EPA 525.2	0.16	0.5			IP
2020/21-4	Lab	LCS	5/11/2021	Pesticide	Bromacil	n/a	=	5.5	µg/L	EPA 525.2	0.16	0.5			
2020/21-4	Lab	LCS, rec	5/11/2021	Pesticide	Bromacil	n/a	=	110	%	EPA 525.2	-88	-88	70	130	
2020/21-4	Lab	LCS dup	5/11/2021	Pesticide	Bromacil	n/a	=	6.71	µg/L	EPA 525.2	0.16	0.5			EUM
2020/21-4	Lab	LCS dup, rec	5/11/2021	Pesticide	Bromacil	n/a	=	134	%	EPA 525.2	-88	-88	70	130	EUM
2020/21-4	Lab	LCS, RPD	5/11/2021	Pesticide	Bromacil	n/a	=	20	%	EPA 525.2	-88	-88	0	30	
2020/21-4	Lab	method blank	5/13/2021	Pesticide	Bromacil	n/a	<	0.16	µg/L	EPA 525.2	0.16	0.5			
2020/21-4	Lab	LCS	5/13/2021	Pesticide	Bromacil	n/a	=	5.21	µg/L	EPA 525.2	0.16	0.5			
2020/21-4	Lab	LCS, rec	5/13/2021	Pesticide	Bromacil	n/a	=	104	%	EPA 525.2	-88	-88	70	130	
2020/21-4	Lab	LCS dup	5/13/2021	Pesticide	Bromacil	n/a	=	5.77	µg/L	EPA 525.2	0.16	0.5			
2020/21-4	Lab	LCS dup, rec	5/13/2021	Pesticide	Bromacil	n/a	=	115	%	EPA 525.2	-88	-88	70	130	
2020/21-4	Lab	LCS, RPD	5/13/2021	Pesticide	Bromacil	n/a	=	10	%	EPA 525.2	-88	-88	0	30	
2020/21-4	Lab	method blank	6/3/2021	Pesticide	Bromacil	n/a	<	0.16	µg/L	EPA 525.2	0.16	0.5			
2020/21-4	Lab	LCS	6/3/2021	Pesticide	Bromacil	n/a	=	5.27	µg/L	EPA 525.2	0.16	0.5			
2020/21-4	Lab	LCS, rec	6/3/2021	Pesticide	Bromacil	n/a	=	105	%	EPA 525.2	-88	-88	70	130	
2020/21-4	Lab	LCS dup	6/3/2021	Pesticide	Bromacil	n/a	=	5.59	µg/L	EPA 525.2	0.16	0.5			
2020/21-4	Lab	LCS dup, rec	6/3/2021	Pesticide	Bromacil	n/a	=	112	%	EPA 525.2	-88	-88	70	130	
2020/21-4	Lab	LCS, RPD	6/3/2021	Pesticide	Bromacil	n/a	=	6	%	EPA 525.2	-88	-88	0	30	
2020/21-4	Lab	method blank	6/3/2021	Pesticide	Bromacil	n/a	<	0.16	µg/L	EPA 525.2	0.16	0.5			
2020/21-4	Lab	LCS	6/3/2021	Pesticide	Bromacil	n/a	=	5.65	µg/L	EPA 525.2	0.16	0.5			
2020/21-4	Lab	LCS, rec	6/3/2021	Pesticide	Bromacil	n/a	=	113	%	EPA 525.2	-88	-88	70	130	
2020/21-4	Lab	LCS dup	6/4/2021	Pesticide	Bromacil	n/a	=	6	µg/L	EPA 525.2	0.16	0.5			
2020/21-4	Lab	LCS dup, rec	6/4/2021	Pesticide	Bromacil	n/a	=	120	%	EPA 525.2	-88	-88	70	130	
2020/21-4	Lab	LCS, RPD	6/4/2021	Pesticide	Bromacil	n/a	=	6	%	EPA 525.2	-88	-88	0	30	
2020/21-4	Lab	method blank	6/4/2021	Pesticide	Bromacil	n/a	<	0.16	µg/L	EPA 525.2	0.16	0.5			
2020/21-4	Lab	LCS	6/4/2021	Pesticide	Bromacil	n/a	=	5.35	µg/L	EPA 525.2	0.16	0.5			
2020/21-4	Lab	LCS, rec	6/4/2021	Pesticide	Bromacil	n/a	=	107	%	EPA 525.2	-88	-88	70	130	
2020/21-4	Lab	LCS dup	6/4/2021	Pesticide	Bromacil	n/a	=	5.49	µg/L	EPA 525.2	0.16	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	
2020/21-4	Lab	LCS dup. rec	6/4/2021	Pesticide	Bromacil	n/a	=	110	%	EPA 525.2	-88	-88	70	130	
2020/21-4	Lab	LCS, RPD	6/4/2021	Pesticide	Bromacil	n/a	=	3	%	EPA 525.2	-88	-88	0	30	
2020/21-4	Lab	method blank	5/11/2021	Pesticide	Butachlor	n/a	=	0.226	µg/L	EPA 525.2	0.03	0.1			IP
2020/21-4	Lab	LCS	5/11/2021	Pesticide	Butachlor	n/a	=	5.71	µg/L	EPA 525.2	0.03	0.1			
2020/21-4	Lab	LCS, rec	5/11/2021	Pesticide	Butachlor	n/a	=	114	%	EPA 525.2	-88	-88	70	130	
2020/21-4	Lab	LCS dup	5/11/2021	Pesticide	Butachlor	n/a	=	7.05	µg/L	EPA 525.2	0.03	0.1			EUM
2020/21-4	Lab	LCS dup. rec	5/11/2021	Pesticide	Butachlor	n/a	=	141	%	EPA 525.2	-88	-88	70	130	EUM
2020/21-4	Lab	LCS, RPD	5/11/2021	Pesticide	Butachlor	n/a	=	21	%	EPA 525.2	-88	-88	0	30	
2020/21-4	Lab	method blank	5/13/2021	Pesticide	Butachlor	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1			
2020/21-4	Lab	LCS	5/13/2021	Pesticide	Butachlor	n/a	=	5.98	µg/L	EPA 525.2	0.03	0.1			
2020/21-4	Lab	LCS, rec	5/13/2021	Pesticide	Butachlor	n/a	=	120	%	EPA 525.2	-88	-88	70	130	
2020/21-4	Lab	LCS dup	5/13/2021	Pesticide	Butachlor	n/a	=	6.69	µg/L	EPA 525.2	0.03	0.1			EUM
2020/21-4	Lab	LCS dup. rec	5/13/2021	Pesticide	Butachlor	n/a	=	134	%	EPA 525.2	-88	-88	70	130	EUM
2020/21-4	Lab	LCS, RPD	5/13/2021	Pesticide	Butachlor	n/a	=	11	%	EPA 525.2	-88	-88	0	30	
2020/21-4	Lab	method blank	6/3/2021	Pesticide	Butachlor	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1			
2020/21-4	Lab	LCS	6/3/2021	Pesticide	Butachlor	n/a	=	5.66	µg/L	EPA 525.2	0.03	0.1			
2020/21-4	Lab	LCS, rec	6/3/2021	Pesticide	Butachlor	n/a	=	113	%	EPA 525.2	-88	-88	70	130	
2020/21-4	Lab	LCS dup	6/3/2021	Pesticide	Butachlor	n/a	=	5.8	µg/L	EPA 525.2	0.03	0.1			
2020/21-4	Lab	LCS dup. rec	6/3/2021	Pesticide	Butachlor	n/a	=	116	%	EPA 525.2	-88	-88	70	130	
2020/21-4	Lab	LCS, RPD	6/3/2021	Pesticide	Butachlor	n/a	=	2	%	EPA 525.2	-88	-88	0	30	
2020/21-4	Lab	method blank	6/3/2021	Pesticide	Butachlor	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1			
2020/21-4	Lab	LCS	6/3/2021	Pesticide	Butachlor	n/a	=	5.87	µg/L	EPA 525.2	0.03	0.1			
2020/21-4	Lab	LCS, rec	6/3/2021	Pesticide	Butachlor	n/a	=	117	%	EPA 525.2	-88	-88	70	130	
2020/21-4	Lab	LCS dup	6/4/2021	Pesticide	Butachlor	n/a	=	6.08	µg/L	EPA 525.2	0.03	0.1			
2020/21-4	Lab	LCS dup. rec	6/4/2021	Pesticide	Butachlor	n/a	=	122	%	EPA 525.2	-88	-88	70	130	
2020/21-4	Lab	LCS, RPD	6/4/2021	Pesticide	Butachlor	n/a	=	4	%	EPA 525.2	-88	-88	0	30	
2020/21-4	Lab	method blank	6/4/2021	Pesticide	Butachlor	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1			
2020/21-4	Lab	LCS	6/4/2021	Pesticide	Butachlor	n/a	=	5.77	µg/L	EPA 525.2	0.03	0.1			
2020/21-4	Lab	LCS, rec	6/4/2021	Pesticide	Butachlor	n/a	=	115	%	EPA 525.2	-88	-88	70	130	
2020/21-4	Lab	LCS dup	6/4/2021	Pesticide	Butachlor	n/a	=	5.91	µg/L	EPA 525.2	0.03	0.1			
2020/21-4	Lab	LCS dup. rec	6/4/2021	Pesticide	Butachlor	n/a	=	118	%	EPA 525.2	-88	-88	70	130	
2020/21-4	Lab	LCS, RPD	6/4/2021	Pesticide	Butachlor	n/a	=	2	%	EPA 525.2	-88	-88	0	30	
2020/21-4	Lab	method blank	5/11/2021	Pesticide	Captan	n/a	DNQ	0.275	µg/L	EPA 525.2	0.16	1			IP
2020/21-4	Lab	LCS	5/11/2021	Pesticide	Captan	n/a	=	5.72	µg/L	EPA 525.2	0.16	1			
2020/21-4	Lab	LCS, rec	5/11/2021	Pesticide	Captan	n/a	=	114	%	EPA 525.2	-88	-88	70	130	
2020/21-4	Lab	LCS dup	5/11/2021	Pesticide	Captan	n/a	=	5.62	µg/L	EPA 525.2	0.16	1			
2020/21-4	Lab	LCS dup. rec	5/11/2021	Pesticide	Captan	n/a	=	112	%	EPA 525.2	-88	-88	70	130	
2020/21-4	Lab	LCS, RPD	5/11/2021	Pesticide	Captan	n/a	=	2	%	EPA 525.2	-88	-88	0	30	
2020/21-4	Lab	method blank	5/13/2021	Pesticide	Captan	n/a	<	0.16	µg/L	EPA 525.2	0.16	1			
2020/21-4	Lab	LCS	5/13/2021	Pesticide	Captan	n/a	=	6.06	µg/L	EPA 525.2	0.16	1			
2020/21-4	Lab	LCS, rec	5/13/2021	Pesticide	Captan	n/a	=	121	%	EPA 525.2	-88	-88	70	130	
2020/21-4	Lab	LCS dup	5/13/2021	Pesticide	Captan	n/a	=	6.37	µg/L	EPA 525.2	0.16	1			
2020/21-4	Lab	LCS dup. rec	5/13/2021	Pesticide	Captan	n/a	=	127	%	EPA 525.2	-88	-88	70	130	
2020/21-4	Lab	LCS, RPD	5/13/2021	Pesticide	Captan	n/a	=	5	%	EPA 525.2	-88	-88	0	30	
2020/21-4	Lab	method blank	6/3/2021	Pesticide	Captan	n/a	<	0.16	µg/L	EPA 525.2	0.16	1			
2020/21-4	Lab	LCS	6/3/2021	Pesticide	Captan	n/a	=	5.63	µg/L	EPA 525.2	0.16	1			
2020/21-4	Lab	LCS, rec	6/3/2021	Pesticide	Captan	n/a	=	113	%	EPA 525.2	-88	-88	70	130	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2020/21-4	Lab	LCS dup	6/3/2021	Pesticide	Captan	n/a	=	5.64	µg/L	EPA 525.2	0.16	1			
2020/21-4	Lab	LCS dup, rec	6/3/2021	Pesticide	Captan	n/a	=	113	%	EPA 525.2	-88	-88	70	130	
2020/21-4	Lab	LCS, RPD	6/3/2021	Pesticide	Captan	n/a	=	0.3	%	EPA 525.2	-88	-88	0	30	
2020/21-4	Lab	method blank	6/3/2021	Pesticide	Captan	n/a	<	0.16	µg/L	EPA 525.2	0.16	1			
2020/21-4	Lab	LCS	6/3/2021	Pesticide	Captan	n/a	=	5.18	µg/L	EPA 525.2	0.16	1			
2020/21-4	Lab	LCS, rec	6/3/2021	Pesticide	Captan	n/a	=	104	%	EPA 525.2	-88	-88	70	130	
2020/21-4	Lab	LCS dup	6/4/2021	Pesticide	Captan	n/a	=	4.93	µg/L	EPA 525.2	0.16	1			
2020/21-4	Lab	LCS dup, rec	6/4/2021	Pesticide	Captan	n/a	=	99	%	EPA 525.2	-88	-88	70	130	
2020/21-4	Lab	LCS, RPD	6/4/2021	Pesticide	Captan	n/a	=	5	%	EPA 525.2	-88	-88	0	30	
2020/21-4	Lab	method blank	6/4/2021	Pesticide	Captan	n/a	<	0.16	µg/L	EPA 525.2	0.16	1			
2020/21-4	Lab	LCS	6/4/2021	Pesticide	Captan	n/a	=	5.39	µg/L	EPA 525.2	0.16	1			
2020/21-4	Lab	LCS, rec	6/4/2021	Pesticide	Captan	n/a	=	108	%	EPA 525.2	-88	-88	70	130	
2020/21-4	Lab	LCS dup	6/4/2021	Pesticide	Captan	n/a	=	5.54	µg/L	EPA 525.2	0.16	1			
2020/21-4	Lab	LCS dup, rec	6/4/2021	Pesticide	Captan	n/a	=	111	%	EPA 525.2	-88	-88	70	130	
2020/21-4	Lab	LCS, RPD	6/4/2021	Pesticide	Captan	n/a	=	3	%	EPA 525.2	-88	-88	0	30	
2020/21-4	Lab	method blank	5/7/2021	Pesticide	Chlordane (technical)	n/a	<	0.043	µg/L	EPA 608.3	0.043	0.1			
2020/21-4	Lab	method blank	5/8/2021	Pesticide	Chlordane (technical)	n/a	<	0.043	µg/L	EPA 608.3	0.043	0.1			
2020/21-4	Lab	method blank	6/5/2021	Pesticide	Chlordane (technical)	n/a	<	0.043	µg/L	EPA 608.3	0.043	0.1			
2020/21-4	Lab	method blank	5/11/2021	Pesticide	Chloroprotham	n/a	=	0.261	µg/L	EPA 525.2	0.04	0.1			IP
2020/21-4	Lab	LCS	5/11/2021	Pesticide	Chloroprotham	n/a	=	5.87	µg/L	EPA 525.2	0.04	0.1			
2020/21-4	Lab	LCS, rec	5/11/2021	Pesticide	Chloroprotham	n/a	=	117	%	EPA 525.2	-88	-88	70	130	
2020/21-4	Lab	LCS dup	5/11/2021	Pesticide	Chloroprotham	n/a	=	5.87	µg/L	EPA 525.2	0.04	0.1			
2020/21-4	Lab	LCS dup, rec	5/11/2021	Pesticide	Chloroprotham	n/a	=	117	%	EPA 525.2	-88	-88	70	130	
2020/21-4	Lab	LCS, RPD	5/11/2021	Pesticide	Chloroprotham	n/a	=	0.03	%	EPA 525.2	-88	-88	0	30	
2020/21-4	Lab	method blank	5/13/2021	Pesticide	Chloroprotham	n/a	<	0.04	µg/L	EPA 525.2	0.04	0.1			
2020/21-4	Lab	LCS	5/13/2021	Pesticide	Chloroprotham	n/a	=	6.96	µg/L	EPA 525.2	0.04	0.1			EUM
2020/21-4	Lab	LCS, rec	5/13/2021	Pesticide	Chloroprotham	n/a	=	139	%	EPA 525.2	-88	-88	70	130	EUM
2020/21-4	Lab	LCS dup	5/13/2021	Pesticide	Chloroprotham	n/a	=	6.84	µg/L	EPA 525.2	0.04	0.1			EUM
2020/21-4	Lab	LCS dup, rec	5/13/2021	Pesticide	Chloroprotham	n/a	=	137	%	EPA 525.2	-88	-88	70	130	EUM
2020/21-4	Lab	LCS, RPD	5/13/2021	Pesticide	Chloroprotham	n/a	=	2	%	EPA 525.2	-88	-88	0	30	
2020/21-4	Lab	method blank	6/3/2021	Pesticide	Chloroprotham	n/a	<	0.04	µg/L	EPA 525.2	0.04	0.1			
2020/21-4	Lab	LCS	6/3/2021	Pesticide	Chloroprotham	n/a	=	5.78	µg/L	EPA 525.2	0.04	0.1			
2020/21-4	Lab	LCS, rec	6/3/2021	Pesticide	Chloroprotham	n/a	=	116	%	EPA 525.2	-88	-88	70	130	
2020/21-4	Lab	LCS dup	6/3/2021	Pesticide	Chloroprotham	n/a	=	6.15	µg/L	EPA 525.2	0.04	0.1			
2020/21-4	Lab	LCS dup, rec	6/3/2021	Pesticide	Chloroprotham	n/a	=	123	%	EPA 525.2	-88	-88	70	130	
2020/21-4	Lab	LCS, RPD	6/3/2021	Pesticide	Chloroprotham	n/a	=	6	%	EPA 525.2	-88	-88	0	30	
2020/21-4	Lab	method blank	6/3/2021	Pesticide	Chloroprotham	n/a	<	0.04	µg/L	EPA 525.2	0.04	0.1			
2020/21-4	Lab	LCS	6/3/2021	Pesticide	Chloroprotham	n/a	=	6.35	µg/L	EPA 525.2	0.04	0.1			
2020/21-4	Lab	LCS, rec	6/3/2021	Pesticide	Chloroprotham	n/a	=	127	%	EPA 525.2	-88	-88	70	130	
2020/21-4	Lab	LCS dup	6/4/2021	Pesticide	Chloroprotham	n/a	=	6.12	µg/L	EPA 525.2	0.04	0.1			
2020/21-4	Lab	LCS dup, rec	6/4/2021	Pesticide	Chloroprotham	n/a	=	122	%	EPA 525.2	-88	-88	70	130	
2020/21-4	Lab	LCS, RPD	6/4/2021	Pesticide	Chloroprotham	n/a	=	4	%	EPA 525.2	-88	-88	0	30	
2020/21-4	Lab	method blank	6/4/2021	Pesticide	Chloroprotham	n/a	<	0.04	µg/L	EPA 525.2	0.04	0.1			
2020/21-4	Lab	LCS	6/4/2021	Pesticide	Chloroprotham	n/a	=	5.95	µg/L	EPA 525.2	0.04	0.1			
2020/21-4	Lab	LCS, rec	6/4/2021	Pesticide	Chloroprotham	n/a	=	119	%	EPA 525.2	-88	-88	70	130	
2020/21-4	Lab	LCS dup	6/4/2021	Pesticide	Chloroprotham	n/a	=	6.23	µg/L	EPA 525.2	0.04	0.1			
2020/21-4	Lab	LCS dup, rec	6/4/2021	Pesticide	Chloroprotham	n/a	=	125	%	EPA 525.2	-88	-88	70	130	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2020/21-4	Lab	LCS, RPD	6/4/2021	Pesticide	Chlorpropham	n/a	=	5	%	EPA 525.2	-88	-88	0	30	
2020/21-4	Lab	method blank	5/3/2021	Pesticide	Chlorpyrifos	n/a	<	0.0069	µg/L	EPA 625.1m	0.0069	0.01			
2020/21-4	Lab	LCS	5/3/2021	Pesticide	Chlorpyrifos	n/a	=	0.0522	µg/L	EPA 625.1m	0.0069	0.01			
2020/21-4	Lab	LCS, rec	5/3/2021	Pesticide	Chlorpyrifos	n/a	=	104	%	EPA 625.1m	-88	-88	46	155	
2020/21-4	Lab	method blank	5/5/2021	Pesticide	Chlorpyrifos	n/a	<	0.0069	µg/L	EPA 625.1m	0.0069	0.01			
2020/21-4	Lab	LCS	5/5/2021	Pesticide	Chlorpyrifos	n/a	=	0.0506	µg/L	EPA 625.1m	0.0069	0.01			
2020/21-4	Lab	LCS, rec	5/5/2021	Pesticide	Chlorpyrifos	n/a	=	101	%	EPA 625.1m	-88	-88	46	155	
2020/21-4	Lab	method blank	5/20/2021	Pesticide	Chlorpyrifos	n/a	<	0.0069	µg/L	EPA 625.1m	0.0069	0.01			
2020/21-4	Lab	LCS	5/20/2021	Pesticide	Chlorpyrifos	n/a	=	0.0496	µg/L	EPA 625.1m	0.0069	0.01			
2020/21-4	Lab	LCS, rec	5/20/2021	Pesticide	Chlorpyrifos	n/a	=	99	%	EPA 625.1m	-88	-88	46	155	
2020/21-4	ME-CC	matrix spike	5/5/2021	Pesticide	Chlorpyrifos	n/a	=	0.0481	µg/L	EPA 625.1m	0.0069	0.01			
2020/21-4	ME-CC	matrix spike, rec	5/5/2021	Pesticide	Chlorpyrifos	n/a	=	96	%	EPA 625.1m	-88	-88	48	151	
2020/21-4	ME-CC	matrix spike dup	5/5/2021	Pesticide	Chlorpyrifos	n/a	=	0.0413	µg/L	EPA 625.1m	0.0069	0.01			
2020/21-4	ME-CC	matrix spike dup, rec	5/5/2021	Pesticide	Chlorpyrifos	n/a	=	83	%	EPA 625.1m	-88	-88	48	151	
2020/21-4	ME-CC	matrix spike, RPD	5/5/2021	Pesticide	Chlorpyrifos	n/a	=	15	%	EPA 625.1m	-88	-88	0	30	
2020/21-4	ME-SCR	matrix spike	5/3/2021	Pesticide	Chlorpyrifos	n/a	=	0.052	µg/L	EPA 625.1m	0.0069	0.01			
2020/21-4	ME-SCR	matrix spike, rec	5/3/2021	Pesticide	Chlorpyrifos	n/a	=	104	%	EPA 625.1m	-88	-88	48	151	
2020/21-4	ME-SCR	matrix spike dup	5/3/2021	Pesticide	Chlorpyrifos	n/a	=	0.051	µg/L	EPA 625.1m	0.0069	0.01			
2020/21-4	ME-SCR	matrix spike dup, rec	5/3/2021	Pesticide	Chlorpyrifos	n/a	=	102	%	EPA 625.1m	-88	-88	48	151	
2020/21-4	ME-SCR	matrix spike, RPD	5/3/2021	Pesticide	Chlorpyrifos	n/a	=	2	%	EPA 625.1m	-88	-88	0	30	
2020/21-4	MO-HUE	matrix spike	5/20/2021	Pesticide	Chlorpyrifos	n/a	=	0.0474	µg/L	EPA 625.1m	0.0069	0.01			
2020/21-4	MO-HUE	matrix spike, rec	5/20/2021	Pesticide	Chlorpyrifos	n/a	=	95	%	EPA 625.1m	-88	-88	48	151	
2020/21-4	MO-HUE	matrix spike dup	5/20/2021	Pesticide	Chlorpyrifos	n/a	=	0.0616	µg/L	EPA 625.1m	0.0069	0.01			
2020/21-4	MO-HUE	matrix spike dup, rec	5/20/2021	Pesticide	Chlorpyrifos	n/a	=	123	%	EPA 625.1m	-88	-88	48	151	
2020/21-4	MO-HUE	matrix spike, RPD	5/20/2021	Pesticide	Chlorpyrifos	n/a	=	26	%	EPA 625.1m	-88	-88	0	30	
2020/21-4	Lab	method blank	5/3/2021	Pesticide	Coumaphos	n/a	<	0.0051	µg/L	EPA 625.1m	0.0051	0.01			
2020/21-4	Lab	LCS	5/3/2021	Pesticide	Coumaphos	n/a	=	0.0983	µg/L	EPA 625.1m	0.0051	0.01			EUM
2020/21-4	Lab	LCS, rec	5/3/2021	Pesticide	Coumaphos	n/a	=	197	%	EPA 625.1m	-88	-88	0.1	184	EUM
2020/21-4	Lab	method blank	5/5/2021	Pesticide	Coumaphos	n/a	<	0.0051	µg/L	EPA 625.1m	0.0051	0.01			
2020/21-4	Lab	LCS	5/5/2021	Pesticide	Coumaphos	n/a	=	0.0658	µg/L	EPA 625.1m	0.0051	0.01			
2020/21-4	Lab	LCS, rec	5/5/2021	Pesticide	Coumaphos	n/a	=	132	%	EPA 625.1m	-88	-88	0.1	184	
2020/21-4	Lab	method blank	5/20/2021	Pesticide	Coumaphos	n/a	<	0.0051	µg/L	EPA 625.1m	0.0051	0.01			
2020/21-4	Lab	LCS	5/20/2021	Pesticide	Coumaphos	n/a	=	0.0613	µg/L	EPA 625.1m	0.0051	0.01			
2020/21-4	Lab	LCS, rec	5/20/2021	Pesticide	Coumaphos	n/a	=	123	%	EPA 625.1m	-88	-88	0.1	184	
2020/21-4	ME-CC	matrix spike	5/5/2021	Pesticide	Coumaphos	n/a	=	0.0672	µg/L	EPA 625.1m	0.0051	0.01			
2020/21-4	ME-CC	matrix spike, rec	5/5/2021	Pesticide	Coumaphos	n/a	=	134	%	EPA 625.1m	-88	-88	0.1	190	
2020/21-4	ME-CC	matrix spike dup	5/5/2021	Pesticide	Coumaphos	n/a	=	0.0732	µg/L	EPA 625.1m	0.0051	0.01			
2020/21-4	ME-CC	matrix spike dup, rec	5/5/2021	Pesticide	Coumaphos	n/a	=	146	%	EPA 625.1m	-88	-88	0.1	190	
2020/21-4	ME-CC	matrix spike, RPD	5/5/2021	Pesticide	Coumaphos	n/a	=	9	%	EPA 625.1m	-88	-88	0	30	
2020/21-4	ME-SCR	matrix spike	5/3/2021	Pesticide	Coumaphos	n/a	=	0.0831	µg/L	EPA 625.1m	0.0051	0.01			
2020/21-4	ME-SCR	matrix spike, rec	5/3/2021	Pesticide	Coumaphos	n/a	=	166	%	EPA 625.1m	-88	-88	0.1	190	
2020/21-4	ME-SCR	matrix spike dup	5/3/2021	Pesticide	Coumaphos	n/a	=	0.111	µg/L	EPA 625.1m	0.0051	0.01			GB
2020/21-4	ME-SCR	matrix spike dup, rec	5/3/2021	Pesticide	Coumaphos	n/a	=	223	%	EPA 625.1m	-88	-88	0.1	190	GB
2020/21-4	ME-SCR	matrix spike, RPD	5/3/2021	Pesticide	Coumaphos	n/a	=	29	%	EPA 625.1m	-88	-88	0	30	
2020/21-4	MO-HUE	matrix spike	5/20/2021	Pesticide	Coumaphos	n/a	=	0.0773	µg/L	EPA 625.1m	0.0051	0.01			
2020/21-4	MO-HUE	matrix spike, rec	5/20/2021	Pesticide	Coumaphos	n/a	=	155	%	EPA 625.1m	-88	-88	0.1	190	
2020/21-4	MO-HUE	matrix spike dup	5/20/2021	Pesticide	Coumaphos	n/a	=	0.109	µg/L	EPA 625.1m	0.0051	0.01			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	
2020/21-4	MO-HUE	matrix spike dup. rec	5/20/2021	Pesticide	Coumaphos	n/a	=	218	%	EPA 625.1m	-88	-88	0.1	190	GB,IL
2020/21-4	MO-HUE	matrix spike, RPD	5/20/2021	Pesticide	Coumaphos	n/a	=	34	%	EPA 625.1m	-88	-88	0	30	IL
2020/21-4	Lab	method blank	5/11/2021	Pesticide	Cyanazine	n/a	=	0.238	µg/L	EPA 525.2	0.04	0.1			IP
2020/21-4	Lab	LCS	5/11/2021	Pesticide	Cyanazine	n/a	=	6.09	µg/L	EPA 525.2	0.04	0.1			
2020/21-4	Lab	LCS, rec	5/11/2021	Pesticide	Cyanazine	n/a	=	122	%	EPA 525.2	-88	-88	70	130	
2020/21-4	Lab	LCS dup	5/11/2021	Pesticide	Cyanazine	n/a	=	5.76	µg/L	EPA 525.2	0.04	0.1			
2020/21-4	Lab	LCS dup, rec	5/11/2021	Pesticide	Cyanazine	n/a	=	115	%	EPA 525.2	-88	-88	70	130	
2020/21-4	Lab	LCS, RPD	5/11/2021	Pesticide	Cyanazine	n/a	=	6	%	EPA 525.2	-88	-88	0	30	
2020/21-4	Lab	method blank	5/13/2021	Pesticide	Cyanazine	n/a	<	0.04	µg/L	EPA 525.2	0.04	0.1			
2020/21-4	Lab	LCS	5/13/2021	Pesticide	Cyanazine	n/a	=	5.83	µg/L	EPA 525.2	0.04	0.1			
2020/21-4	Lab	LCS, rec	5/13/2021	Pesticide	Cyanazine	n/a	=	117	%	EPA 525.2	-88	-88	70	130	
2020/21-4	Lab	LCS dup	5/13/2021	Pesticide	Cyanazine	n/a	=	6.16	µg/L	EPA 525.2	0.04	0.1			
2020/21-4	Lab	LCS dup, rec	5/13/2021	Pesticide	Cyanazine	n/a	=	123	%	EPA 525.2	-88	-88	70	130	
2020/21-4	Lab	LCS, RPD	5/13/2021	Pesticide	Cyanazine	n/a	=	5	%	EPA 525.2	-88	-88	0	30	
2020/21-4	Lab	method blank	6/3/2021	Pesticide	Cyanazine	n/a	<	0.04	µg/L	EPA 525.2	0.04	0.1			
2020/21-4	Lab	LCS	6/3/2021	Pesticide	Cyanazine	n/a	=	5.25	µg/L	EPA 525.2	0.04	0.1			
2020/21-4	Lab	LCS, rec	6/3/2021	Pesticide	Cyanazine	n/a	=	105	%	EPA 525.2	-88	-88	70	130	
2020/21-4	Lab	LCS dup	6/3/2021	Pesticide	Cyanazine	n/a	=	5.27	µg/L	EPA 525.2	0.04	0.1			
2020/21-4	Lab	LCS dup, rec	6/3/2021	Pesticide	Cyanazine	n/a	=	105	%	EPA 525.2	-88	-88	70	130	
2020/21-4	Lab	LCS, RPD	6/3/2021	Pesticide	Cyanazine	n/a	=	0.3	%	EPA 525.2	-88	-88	0	30	
2020/21-4	Lab	method blank	6/3/2021	Pesticide	Cyanazine	n/a	<	0.04	µg/L	EPA 525.2	0.04	0.1			
2020/21-4	Lab	LCS	6/3/2021	Pesticide	Cyanazine	n/a	=	5.13	µg/L	EPA 525.2	0.04	0.1			
2020/21-4	Lab	LCS, rec	6/3/2021	Pesticide	Cyanazine	n/a	=	103	%	EPA 525.2	-88	-88	70	130	
2020/21-4	Lab	LCS dup	6/4/2021	Pesticide	Cyanazine	n/a	=	5.16	µg/L	EPA 525.2	0.04	0.1			
2020/21-4	Lab	LCS dup, rec	6/4/2021	Pesticide	Cyanazine	n/a	=	103	%	EPA 525.2	-88	-88	70	130	
2020/21-4	Lab	LCS, RPD	6/4/2021	Pesticide	Cyanazine	n/a	=	0.6	%	EPA 525.2	-88	-88	0	30	
2020/21-4	Lab	method blank	6/4/2021	Pesticide	Cyanazine	n/a	<	0.04	µg/L	EPA 525.2	0.04	0.1			
2020/21-4	Lab	LCS	6/4/2021	Pesticide	Cyanazine	n/a	=	5.37	µg/L	EPA 525.2	0.04	0.1			
2020/21-4	Lab	LCS, rec	6/4/2021	Pesticide	Cyanazine	n/a	=	107	%	EPA 525.2	-88	-88	70	130	
2020/21-4	Lab	LCS dup	6/4/2021	Pesticide	Cyanazine	n/a	=	5.39	µg/L	EPA 525.2	0.04	0.1			
2020/21-4	Lab	LCS dup, rec	6/4/2021	Pesticide	Cyanazine	n/a	=	108	%	EPA 525.2	-88	-88	70	130	
2020/21-4	Lab	LCS, RPD	6/4/2021	Pesticide	Cyanazine	n/a	=	0.5	%	EPA 525.2	-88	-88	0	30	
2020/21-4	000NONPJ	matrix spike	5/5/2021	Pesticide	Dalapon	n/a	=	9.47	µg/L	EPA 515.4	0.11	0.4			
2020/21-4	000NONPJ	matrix spike, rec	5/5/2021	Pesticide	Dalapon	n/a	=	118	%	EPA 515.4	-88	-88	70	130	
2020/21-4	000NONPJ	matrix spike dup	5/5/2021	Pesticide	Dalapon	n/a	=	9.22	µg/L	EPA 515.4	0.11	0.4			
2020/21-4	000NONPJ	matrix spike dup, rec	5/5/2021	Pesticide	Dalapon	n/a	=	115	%	EPA 515.4	-88	-88	70	130	
2020/21-4	000NONPJ	matrix spike, RPD	5/5/2021	Pesticide	Dalapon	n/a	=	3	%	EPA 515.4	-88	-88	0	30	
2020/21-4	000NONPJ	matrix spike	5/22/2021	Pesticide	Dalapon	n/a	=	6.6	µg/L	EPA 515.4	0.11	0.4			
2020/21-4	000NONPJ	matrix spike, rec	5/22/2021	Pesticide	Dalapon	n/a	=	83	%	EPA 515.4	-88	-88	70	130	
2020/21-4	000NONPJ	matrix spike dup	5/23/2021	Pesticide	Dalapon	n/a	=	7.15	µg/L	EPA 515.4	0.11	0.4			
2020/21-4	000NONPJ	matrix spike dup, rec	5/23/2021	Pesticide	Dalapon	n/a	=	89	%	EPA 515.4	-88	-88	70	130	
2020/21-4	000NONPJ	matrix spike, RPD	5/23/2021	Pesticide	Dalapon	n/a	=	8	%	EPA 515.4	-88	-88	0	30	
2020/21-4	Lab	method blank	5/5/2021	Pesticide	Dalapon	n/a	<	0.11	µg/L	EPA 515.4	0.11	0.4			
2020/21-4	Lab	LCS	5/5/2021	Pesticide	Dalapon	n/a	=	8.32	µg/L	EPA 515.4	0.11	0.4			
2020/21-4	Lab	LCS, rec	5/5/2021	Pesticide	Dalapon	n/a	=	104	%	EPA 515.4	-88	-88	70	130	
2020/21-4	Lab	method blank	5/22/2021	Pesticide	Dalapon	n/a	<	0.11	µg/L	EPA 515.4	0.11	0.4			
2020/21-4	Lab	LCS	5/22/2021	Pesticide	Dalapon	n/a	=	8.18	µg/L	EPA 515.4	0.11	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	
2020/21-4	Lab	LCS, rec	5/22/2021	Pesticide	Dalapon	n/a	=	102	%	EPA 515.4	-88	-88	70	130	
2020/21-4	000NONPJ	matrix spike	5/5/2021	Pesticide	DCPA (Dacthal)	n/a	=	4.39	µg/L	EPA 515.4	0.053	0.1			
2020/21-4	000NONPJ	matrix spike, rec	5/5/2021	Pesticide	DCPA (Dacthal)	n/a	=	110	%	EPA 515.4	-88	-88	70	130	
2020/21-4	000NONPJ	matrix spike dup	5/5/2021	Pesticide	DCPA (Dacthal)	n/a	=	4.1	µg/L	EPA 515.4	0.053	0.1			
2020/21-4	000NONPJ	matrix spike dup, rec	5/5/2021	Pesticide	DCPA (Dacthal)	n/a	=	102	%	EPA 515.4	-88	-88	70	130	
2020/21-4	000NONPJ	matrix spike, RPD	5/5/2021	Pesticide	DCPA (Dacthal)	n/a	=	7	%	EPA 515.4	-88	-88	0	30	
2020/21-4	000NONPJ	matrix spike	5/22/2021	Pesticide	DCPA (Dacthal)	n/a	=	4.05	µg/L	EPA 515.4	0.053	0.1			
2020/21-4	000NONPJ	matrix spike, rec	5/22/2021	Pesticide	DCPA (Dacthal)	n/a	=	101	%	EPA 515.4	-88	-88	70	130	
2020/21-4	000NONPJ	matrix spike dup	5/23/2021	Pesticide	DCPA (Dacthal)	n/a	=	4.13	µg/L	EPA 515.4	0.053	0.1			
2020/21-4	000NONPJ	matrix spike dup, rec	5/23/2021	Pesticide	DCPA (Dacthal)	n/a	=	103	%	EPA 515.4	-88	-88	70	130	
2020/21-4	000NONPJ	matrix spike, RPD	5/23/2021	Pesticide	DCPA (Dacthal)	n/a	=	2	%	EPA 515.4	-88	-88	0	30	
2020/21-4	Lab	method blank	5/5/2021	Pesticide	DCPA (Dacthal)	n/a	<	0.053	µg/L	EPA 515.4	0.053	0.1			
2020/21-4	Lab	LCS	5/5/2021	Pesticide	DCPA (Dacthal)	n/a	=	4.21	µg/L	EPA 515.4	0.053	0.1			
2020/21-4	Lab	LCS, rec	5/5/2021	Pesticide	DCPA (Dacthal)	n/a	=	105	%	EPA 515.4	-88	-88	70	130	
2020/21-4	Lab	method blank	5/22/2021	Pesticide	DCPA (Dacthal)	n/a	<	0.053	µg/L	EPA 515.4	0.053	0.1			
2020/21-4	Lab	LCS	5/22/2021	Pesticide	DCPA (Dacthal)	n/a	=	4.1	µg/L	EPA 515.4	0.053	0.1			
2020/21-4	Lab	LCS, rec	5/22/2021	Pesticide	DCPA (Dacthal)	n/a	=	103	%	EPA 515.4	-88	-88	70	130	
2020/21-4	000NONPJ	matrix spike	5/7/2021	Pesticide	delta-BHC	n/a	=	4.71	µg/L	EPA 608.3	0.48	1.2			
2020/21-4	000NONPJ	matrix spike, rec	5/7/2021	Pesticide	delta-BHC	n/a	=	94	%	EPA 608.3	-88	-88	19	140	
2020/21-4	000NONPJ	matrix spike dup	5/7/2021	Pesticide	delta-BHC	n/a	=	5.23	µg/L	EPA 608.3	0.48	1.2			
2020/21-4	000NONPJ	matrix spike dup, rec	5/7/2021	Pesticide	delta-BHC	n/a	=	105	%	EPA 608.3	-88	-88	19	140	
2020/21-4	000NONPJ	matrix spike, RPD	5/7/2021	Pesticide	delta-BHC	n/a	=	10	%	EPA 608.3	-88	-88	0	30	
2020/21-4	Lab	method blank	5/7/2021	Pesticide	delta-BHC	n/a	<	0.0019	µg/L	EPA 608.3	0.0019	0.005			
2020/21-4	Lab	LCS	5/7/2021	Pesticide	delta-BHC	n/a	=	0.118	µg/L	EPA 608.3	0.0019	0.005			
2020/21-4	Lab	LCS, rec	5/7/2021	Pesticide	delta-BHC	n/a	=	118	%	EPA 608.3	-88	-88	51	130	
2020/21-4	Lab	method blank	5/8/2021	Pesticide	delta-BHC	n/a	<	0.0019	µg/L	EPA 608.3	0.0019	0.005			
2020/21-4	Lab	LCS	5/8/2021	Pesticide	delta-BHC	n/a	=	0.0981	µg/L	EPA 608.3	0.0019	0.005			
2020/21-4	Lab	LCS, rec	5/8/2021	Pesticide	delta-BHC	n/a	=	98	%	EPA 608.3	-88	-88	51	130	
2020/21-4	Lab	LCS dup	5/8/2021	Pesticide	delta-BHC	n/a	=	0.0943	µg/L	EPA 608.3	0.0019	0.005			
2020/21-4	Lab	LCS dup, rec	5/8/2021	Pesticide	delta-BHC	n/a	=	94	%	EPA 608.3	-88	-88	51	130	
2020/21-4	Lab	LCS, RPD	5/8/2021	Pesticide	delta-BHC	n/a	=	4	%	EPA 608.3	-88	-88	0	30	
2020/21-4	Lab	method blank	6/5/2021	Pesticide	delta-BHC	n/a	<	0.0019	µg/L	EPA 608.3	0.0019	0.005			
2020/21-4	Lab	LCS	6/5/2021	Pesticide	delta-BHC	n/a	=	0.107	µg/L	EPA 608.3	0.0019	0.005			
2020/21-4	Lab	LCS, rec	6/5/2021	Pesticide	delta-BHC	n/a	=	107	%	EPA 608.3	-88	-88	51	130	
2020/21-4	Lab	LCS dup	6/5/2021	Pesticide	delta-BHC	n/a	=	0.126	µg/L	EPA 608.3	0.0019	0.005			
2020/21-4	Lab	LCS dup, rec	6/5/2021	Pesticide	delta-BHC	n/a	=	126	%	EPA 608.3	-88	-88	51	130	
2020/21-4	Lab	LCS, RPD	6/5/2021	Pesticide	delta-BHC	n/a	=	16	%	EPA 608.3	-88	-88	0	30	
2020/21-4	Lab	method blank	5/3/2021	Pesticide	Demeton-O	n/a	<	0.01	µg/L	EPA 625.1m	0.01	0.01			
2020/21-4	Lab	LCS	5/3/2021	Pesticide	Demeton-O	n/a	=	0.0358	µg/L	EPA 625.1m	0.01	0.01			
2020/21-4	Lab	LCS, rec	5/3/2021	Pesticide	Demeton-O	n/a	=	72	%	EPA 625.1m	-88	-88	54	160	
2020/21-4	Lab	method blank	5/5/2021	Pesticide	Demeton-O	n/a	<	0.01	µg/L	EPA 625.1m	0.01	0.01			
2020/21-4	Lab	LCS	5/5/2021	Pesticide	Demeton-O	n/a	=	0.0473	µg/L	EPA 625.1m	0.01	0.01			
2020/21-4	Lab	LCS, rec	5/5/2021	Pesticide	Demeton-O	n/a	=	95	%	EPA 625.1m	-88	-88	54	160	
2020/21-4	Lab	method blank	5/20/2021	Pesticide	Demeton-O	n/a	<	0.01	µg/L	EPA 625.1m	0.01	0.01			
2020/21-4	Lab	LCS	5/20/2021	Pesticide	Demeton-O	n/a	=	0.0363	µg/L	EPA 625.1m	0.01	0.01			
2020/21-4	Lab	LCS, rec	5/20/2021	Pesticide	Demeton-O	n/a	=	73	%	EPA 625.1m	-88	-88	54	160	
2020/21-4	ME-CC	matrix spike	5/5/2021	Pesticide	Demeton-O	n/a	=	0.0501	µg/L	EPA 625.1m	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	
2020/21-4	ME-CC	matrix spike, rec	5/5/2021	Pesticide	Demeton-O	n/a	=	100	%	EPA 625.1m	-88	-88	63	151	
2020/21-4	ME-CC	matrix spike dup	5/5/2021	Pesticide	Demeton-O	n/a	=	0.0364	µg/L	EPA 625.1m	0.01	0.01			IL
2020/21-4	ME-CC	matrix spike dup, rec	5/5/2021	Pesticide	Demeton-O	n/a	=	73	%	EPA 625.1m	-88	-88	63	151	IL
2020/21-4	ME-CC	matrix spike, RPD	5/5/2021	Pesticide	Demeton-O	n/a	=	32	%	EPA 625.1m	-88	-88	0	30	IL
2020/21-4	ME-SCR	matrix spike	5/3/2021	Pesticide	Demeton-O	n/a	=	0.0592	µg/L	EPA 625.1m	0.01	0.01			
2020/21-4	ME-SCR	matrix spike, rec	5/3/2021	Pesticide	Demeton-O	n/a	=	118	%	EPA 625.1m	-88	-88	63	151	
2020/21-4	ME-SCR	matrix spike dup	5/3/2021	Pesticide	Demeton-O	n/a	=	0.0399	µg/L	EPA 625.1m	0.01	0.01			IL
2020/21-4	ME-SCR	matrix spike dup, rec	5/3/2021	Pesticide	Demeton-O	n/a	=	80	%	EPA 625.1m	-88	-88	63	151	IL
2020/21-4	ME-SCR	matrix spike, RPD	5/3/2021	Pesticide	Demeton-O	n/a	=	39	%	EPA 625.1m	-88	-88	0	30	IL
2020/21-4	MO-HUE	matrix spike	5/20/2021	Pesticide	Demeton-O	n/a	=	0.0352	µg/L	EPA 625.1m	0.01	0.01			
2020/21-4	MO-HUE	matrix spike, rec	5/20/2021	Pesticide	Demeton-O	n/a	=	70	%	EPA 625.1m	-88	-88	63	151	
2020/21-4	MO-HUE	matrix spike dup	5/20/2021	Pesticide	Demeton-O	n/a	=	0.0207	µg/L	EPA 625.1m	0.01	0.01			GB,IL
2020/21-4	MO-HUE	matrix spike dup, rec	5/20/2021	Pesticide	Demeton-O	n/a	=	41	%	EPA 625.1m	-88	-88	63	151	GB,IL
2020/21-4	MO-HUE	matrix spike, RPD	5/20/2021	Pesticide	Demeton-O	n/a	=	52	%	EPA 625.1m	-88	-88	0	30	IL
2020/21-4	Lab	method blank	5/3/2021	Pesticide	Demeton-S	n/a	<	0.01	µg/L	EPA 625.1m	0.01	0.01			
2020/21-4	Lab	LCS	5/3/2021	Pesticide	Demeton-S	n/a	=	0.0421	µg/L	EPA 625.1m	0.01	0.01			
2020/21-4	Lab	LCS, rec	5/3/2021	Pesticide	Demeton-S	n/a	=	84	%	EPA 625.1m	-88	-88	8	186	
2020/21-4	Lab	method blank	5/5/2021	Pesticide	Demeton-S	n/a	<	0.01	µg/L	EPA 625.1m	0.01	0.01			
2020/21-4	Lab	LCS	5/5/2021	Pesticide	Demeton-S	n/a	=	0.0577	µg/L	EPA 625.1m	0.01	0.01			
2020/21-4	Lab	LCS, rec	5/5/2021	Pesticide	Demeton-S	n/a	=	115	%	EPA 625.1m	-88	-88	8	186	
2020/21-4	Lab	method blank	5/20/2021	Pesticide	Demeton-S	n/a	<	0.01	µg/L	EPA 625.1m	0.01	0.01			
2020/21-4	Lab	LCS	5/20/2021	Pesticide	Demeton-S	n/a	=	0.052	µg/L	EPA 625.1m	0.01	0.01			
2020/21-4	Lab	LCS, rec	5/20/2021	Pesticide	Demeton-S	n/a	=	104	%	EPA 625.1m	-88	-88	8	186	
2020/21-4	ME-CC	matrix spike	5/5/2021	Pesticide	Demeton-S	n/a	=	0.0566	µg/L	EPA 625.1m	0.01	0.01			
2020/21-4	ME-CC	matrix spike, rec	5/5/2021	Pesticide	Demeton-S	n/a	=	113	%	EPA 625.1m	-88	-88	0.1	204	
2020/21-4	ME-CC	matrix spike dup	5/5/2021	Pesticide	Demeton-S	n/a	=	0.05	µg/L	EPA 625.1m	0.01	0.01			
2020/21-4	ME-CC	matrix spike dup, rec	5/5/2021	Pesticide	Demeton-S	n/a	=	100	%	EPA 625.1m	-88	-88	0.1	204	
2020/21-4	ME-CC	matrix spike, RPD	5/5/2021	Pesticide	Demeton-S	n/a	=	12	%	EPA 625.1m	-88	-88	0	30	
2020/21-4	ME-SCR	matrix spike	5/3/2021	Pesticide	Demeton-S	n/a	=	0.0533	µg/L	EPA 625.1m	0.01	0.01			
2020/21-4	ME-SCR	matrix spike, rec	5/3/2021	Pesticide	Demeton-S	n/a	=	107	%	EPA 625.1m	-88	-88	0.1	204	
2020/21-4	ME-SCR	matrix spike dup	5/3/2021	Pesticide	Demeton-S	n/a	=	0.0486	µg/L	EPA 625.1m	0.01	0.01			
2020/21-4	ME-SCR	matrix spike dup, rec	5/3/2021	Pesticide	Demeton-S	n/a	=	97	%	EPA 625.1m	-88	-88	0.1	204	
2020/21-4	ME-SCR	matrix spike, RPD	5/3/2021	Pesticide	Demeton-S	n/a	=	9	%	EPA 625.1m	-88	-88	0	30	
2020/21-4	MO-HUE	matrix spike	5/20/2021	Pesticide	Demeton-S	n/a	=	0.0446	µg/L	EPA 625.1m	0.01	0.01			
2020/21-4	MO-HUE	matrix spike, rec	5/20/2021	Pesticide	Demeton-S	n/a	=	89	%	EPA 625.1m	-88	-88	0.1	204	
2020/21-4	MO-HUE	matrix spike dup	5/20/2021	Pesticide	Demeton-S	n/a	=	0.0298	µg/L	EPA 625.1m	0.01	0.01			IL
2020/21-4	MO-HUE	matrix spike dup, rec	5/20/2021	Pesticide	Demeton-S	n/a	=	60	%	EPA 625.1m	-88	-88	0.1	204	IL
2020/21-4	MO-HUE	matrix spike, RPD	5/20/2021	Pesticide	Demeton-S	n/a	=	40	%	EPA 625.1m	-88	-88	0	30	IL
2020/21-4	Lab	method blank	5/3/2021	Pesticide	Diazinon	n/a	<	0.0052	µg/L	EPA 625.1m	0.0052	0.01			
2020/21-4	Lab	LCS	5/3/2021	Pesticide	Diazinon	n/a	=	0.0475	µg/L	EPA 625.1m	0.0052	0.01			
2020/21-4	Lab	LCS, rec	5/3/2021	Pesticide	Diazinon	n/a	=	95	%	EPA 625.1m	-88	-88	45	144	
2020/21-4	Lab	method blank	5/5/2021	Pesticide	Diazinon	n/a	<	0.0052	µg/L	EPA 625.1m	0.0052	0.01			
2020/21-4	Lab	LCS	5/5/2021	Pesticide	Diazinon	n/a	=	0.0527	µg/L	EPA 625.1m	0.0052	0.01			
2020/21-4	Lab	LCS, rec	5/5/2021	Pesticide	Diazinon	n/a	=	105	%	EPA 625.1m	-88	-88	45	144	
2020/21-4	Lab	method blank	5/11/2021	Pesticide	Diazinon	n/a	=	0.199	µg/L	EPA 525.2	0.05	0.1			IP
2020/21-4	Lab	LCS	5/11/2021	Pesticide	Diazinon	n/a	=	4.54	µg/L	EPA 525.2	0.05	0.1			
2020/21-4	Lab	LCS, rec	5/11/2021	Pesticide	Diazinon	n/a	=	91	%	EPA 525.2	-88	-88	50	120	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2020/21-4	Lab	LCS dup	5/11/2021	Pesticide	Diazinon	n/a	=	6.8	µg/L	EPA 525.2	0.05	0.1			EUM,IL
2020/21-4	Lab	LCS dup, rec	5/11/2021	Pesticide	Diazinon	n/a	=	136	%	EPA 525.2	-88	-88	50	120	EUM,IL
2020/21-4	Lab	LCS, RPD	5/11/2021	Pesticide	Diazinon	n/a	=	40	%	EPA 525.2	-88	-88	0	30	IL
2020/21-4	Lab	method blank	5/13/2021	Pesticide	Diazinon	n/a	<	0.05	µg/L	EPA 525.2	0.05	0.1			
2020/21-4	Lab	LCS	5/13/2021	Pesticide	Diazinon	n/a	=	5.6	µg/L	EPA 525.2	0.05	0.1			
2020/21-4	Lab	LCS, rec	5/13/2021	Pesticide	Diazinon	n/a	=	112	%	EPA 525.2	-88	-88	50	120	
2020/21-4	Lab	LCS dup	5/13/2021	Pesticide	Diazinon	n/a	=	6.44	µg/L	EPA 525.2	0.05	0.1			EUM
2020/21-4	Lab	LCS dup, rec	5/13/2021	Pesticide	Diazinon	n/a	=	129	%	EPA 525.2	-88	-88	50	120	EUM
2020/21-4	Lab	LCS, RPD	5/13/2021	Pesticide	Diazinon	n/a	=	14	%	EPA 525.2	-88	-88	0	30	
2020/21-4	Lab	method blank	5/20/2021	Pesticide	Diazinon	n/a	<	0.0052	µg/L	EPA 625.1m	0.0052	0.01			
2020/21-4	Lab	LCS	5/20/2021	Pesticide	Diazinon	n/a	=	0.0507	µg/L	EPA 625.1m	0.0052	0.01			
2020/21-4	Lab	LCS, rec	5/20/2021	Pesticide	Diazinon	n/a	=	101	%	EPA 625.1m	-88	-88	45	144	
2020/21-4	Lab	method blank	6/3/2021	Pesticide	Diazinon	n/a	<	0.05	µg/L	EPA 525.2	0.05	0.1			
2020/21-4	Lab	LCS	6/3/2021	Pesticide	Diazinon	n/a	=	4.92	µg/L	EPA 525.2	0.05	0.1			
2020/21-4	Lab	LCS, rec	6/3/2021	Pesticide	Diazinon	n/a	=	98	%	EPA 525.2	-88	-88	50	120	
2020/21-4	Lab	LCS dup	6/3/2021	Pesticide	Diazinon	n/a	=	5.1	µg/L	EPA 525.2	0.05	0.1			
2020/21-4	Lab	LCS dup, rec	6/3/2021	Pesticide	Diazinon	n/a	=	102	%	EPA 525.2	-88	-88	50	120	
2020/21-4	Lab	LCS, RPD	6/3/2021	Pesticide	Diazinon	n/a	=	4	%	EPA 525.2	-88	-88	0	30	
2020/21-4	Lab	method blank	6/3/2021	Pesticide	Diazinon	n/a	<	0.05	µg/L	EPA 525.2	0.05	0.1			
2020/21-4	Lab	LCS	6/3/2021	Pesticide	Diazinon	n/a	=	5.12	µg/L	EPA 525.2	0.05	0.1			
2020/21-4	Lab	LCS, rec	6/3/2021	Pesticide	Diazinon	n/a	=	102	%	EPA 525.2	-88	-88	50	120	
2020/21-4	Lab	LCS dup	6/4/2021	Pesticide	Diazinon	n/a	=	5.48	µg/L	EPA 525.2	0.05	0.1			
2020/21-4	Lab	LCS dup, rec	6/4/2021	Pesticide	Diazinon	n/a	=	110	%	EPA 525.2	-88	-88	50	120	
2020/21-4	Lab	LCS, RPD	6/4/2021	Pesticide	Diazinon	n/a	=	7	%	EPA 525.2	-88	-88	0	30	
2020/21-4	Lab	method blank	6/4/2021	Pesticide	Diazinon	n/a	<	0.05	µg/L	EPA 525.2	0.05	0.1			
2020/21-4	Lab	LCS	6/4/2021	Pesticide	Diazinon	n/a	=	4.99	µg/L	EPA 525.2	0.05	0.1			
2020/21-4	Lab	LCS, rec	6/4/2021	Pesticide	Diazinon	n/a	=	100	%	EPA 525.2	-88	-88	50	120	
2020/21-4	Lab	LCS dup	6/4/2021	Pesticide	Diazinon	n/a	=	5.09	µg/L	EPA 525.2	0.05	0.1			
2020/21-4	Lab	LCS dup, rec	6/4/2021	Pesticide	Diazinon	n/a	=	102	%	EPA 525.2	-88	-88	50	120	
2020/21-4	Lab	LCS, RPD	6/4/2021	Pesticide	Diazinon	n/a	=	2	%	EPA 525.2	-88	-88	0	30	
2020/21-4	ME-CC	matrix spike	5/5/2021	Pesticide	Diazinon	n/a	=	0.0501	µg/L	EPA 625.1m	0.0052	0.01			
2020/21-4	ME-CC	matrix spike, rec	5/5/2021	Pesticide	Diazinon	n/a	=	100	%	EPA 625.1m	-88	-88	46	139	
2020/21-4	ME-CC	matrix spike dup	5/5/2021	Pesticide	Diazinon	n/a	=	0.0435	µg/L	EPA 625.1m	0.0052	0.01			
2020/21-4	ME-CC	matrix spike dup, rec	5/5/2021	Pesticide	Diazinon	n/a	=	87	%	EPA 625.1m	-88	-88	46	139	
2020/21-4	ME-CC	matrix spike, RPD	5/5/2021	Pesticide	Diazinon	n/a	=	14	%	EPA 625.1m	-88	-88	0	30	
2020/21-4	ME-SCR	matrix spike	5/3/2021	Pesticide	Diazinon	n/a	=	0.0517	µg/L	EPA 625.1m	0.0052	0.01			
2020/21-4	ME-SCR	matrix spike, rec	5/3/2021	Pesticide	Diazinon	n/a	=	103	%	EPA 625.1m	-88	-88	46	139	
2020/21-4	ME-SCR	matrix spike dup	5/3/2021	Pesticide	Diazinon	n/a	=	0.051	µg/L	EPA 625.1m	0.0052	0.01			
2020/21-4	ME-SCR	matrix spike dup, rec	5/3/2021	Pesticide	Diazinon	n/a	=	102	%	EPA 625.1m	-88	-88	46	139	
2020/21-4	ME-SCR	matrix spike, RPD	5/3/2021	Pesticide	Diazinon	n/a	=	2	%	EPA 625.1m	-88	-88	0	30	
2020/21-4	MO-HUE	matrix spike	5/20/2021	Pesticide	Diazinon	n/a	=	0.0467	µg/L	EPA 625.1m	0.0052	0.01			
2020/21-4	MO-HUE	matrix spike, rec	5/20/2021	Pesticide	Diazinon	n/a	=	93	%	EPA 625.1m	-88	-88	46	139	
2020/21-4	MO-HUE	matrix spike dup	5/20/2021	Pesticide	Diazinon	n/a	=	0.0576	µg/L	EPA 625.1m	0.0052	0.01			
2020/21-4	MO-HUE	matrix spike dup, rec	5/20/2021	Pesticide	Diazinon	n/a	=	115	%	EPA 625.1m	-88	-88	46	139	
2020/21-4	MO-HUE	matrix spike, RPD	5/20/2021	Pesticide	Diazinon	n/a	=	21	%	EPA 625.1m	-88	-88	0	30	
2020/21-4	000NONPJ	matrix spike	5/5/2021	Pesticide	Dicamba	n/a	=	8.31	µg/L	EPA 515.4	0.075	0.6			
2020/21-4	000NONPJ	matrix spike, rec	5/5/2021	Pesticide	Dicamba	n/a	=	104	%	EPA 515.4	-88	-88	70	130	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2020/21-4	000NONPJ	matrix spike dup	5/5/2021	Pesticide	Dicamba	n/a	=	7.85	µg/L	EPA 515.4	0.075	0.6			
2020/21-4	000NONPJ	matrix spike dup, rec	5/5/2021	Pesticide	Dicamba	n/a	=	98	%	EPA 515.4	-88	-88	70	130	
2020/21-4	000NONPJ	matrix spike, RPD	5/5/2021	Pesticide	Dicamba	n/a	=	6	%	EPA 515.4	-88	-88	0	30	
2020/21-4	000NONPJ	matrix spike	5/22/2021	Pesticide	Dicamba	n/a	=	7.57	µg/L	EPA 515.4	0.075	0.6			
2020/21-4	000NONPJ	matrix spike, rec	5/22/2021	Pesticide	Dicamba	n/a	=	95	%	EPA 515.4	-88	-88	70	130	
2020/21-4	000NONPJ	matrix spike dup	5/23/2021	Pesticide	Dicamba	n/a	=	7.72	µg/L	EPA 515.4	0.075	0.6			
2020/21-4	000NONPJ	matrix spike dup, rec	5/23/2021	Pesticide	Dicamba	n/a	=	97	%	EPA 515.4	-88	-88	70	130	
2020/21-4	000NONPJ	matrix spike, RPD	5/23/2021	Pesticide	Dicamba	n/a	=	2	%	EPA 515.4	-88	-88	0	30	
2020/21-4	Lab	method blank	5/5/2021	Pesticide	Dicamba	n/a	<	0.075	µg/L	EPA 515.4	0.075	0.6			
2020/21-4	Lab	LCS	5/5/2021	Pesticide	Dicamba	n/a	=	8.1	µg/L	EPA 515.4	0.075	0.6			
2020/21-4	Lab	LCS, rec	5/5/2021	Pesticide	Dicamba	n/a	=	101	%	EPA 515.4	-88	-88	70	130	
2020/21-4	Lab	method blank	5/22/2021	Pesticide	Dicamba	n/a	<	0.075	µg/L	EPA 515.4	0.075	0.6			
2020/21-4	Lab	LCS	5/22/2021	Pesticide	Dicamba	n/a	=	7.76	µg/L	EPA 515.4	0.075	0.6			
2020/21-4	Lab	LCS, rec	5/22/2021	Pesticide	Dicamba	n/a	=	97	%	EPA 515.4	-88	-88	70	130	
2020/21-4	000NONPJ	matrix spike	5/5/2021	Pesticide	Dichlorprop	n/a	=	8.49	µg/L	EPA 515.4	0.12	0.3			
2020/21-4	000NONPJ	matrix spike, rec	5/5/2021	Pesticide	Dichlorprop	n/a	=	106	%	EPA 515.4	-88	-88	70	130	
2020/21-4	000NONPJ	matrix spike dup	5/5/2021	Pesticide	Dichlorprop	n/a	=	8.22	µg/L	EPA 515.4	0.12	0.3			
2020/21-4	000NONPJ	matrix spike dup, rec	5/5/2021	Pesticide	Dichlorprop	n/a	=	103	%	EPA 515.4	-88	-88	70	130	
2020/21-4	000NONPJ	matrix spike, RPD	5/5/2021	Pesticide	Dichlorprop	n/a	=	3	%	EPA 515.4	-88	-88	0	30	
2020/21-4	000NONPJ	matrix spike	5/22/2021	Pesticide	Dichlorprop	n/a	=	6.4	µg/L	EPA 515.4	0.12	0.3			
2020/21-4	000NONPJ	matrix spike, rec	5/22/2021	Pesticide	Dichlorprop	n/a	=	80	%	EPA 515.4	-88	-88	70	130	
2020/21-4	000NONPJ	matrix spike dup	5/23/2021	Pesticide	Dichlorprop	n/a	=	6.46	µg/L	EPA 515.4	0.12	0.3			
2020/21-4	000NONPJ	matrix spike dup, rec	5/23/2021	Pesticide	Dichlorprop	n/a	=	81	%	EPA 515.4	-88	-88	70	130	
2020/21-4	000NONPJ	matrix spike, RPD	5/23/2021	Pesticide	Dichlorprop	n/a	=	0.9	%	EPA 515.4	-88	-88	0	30	
2020/21-4	Lab	method blank	5/5/2021	Pesticide	Dichlorprop	n/a	<	0.12	µg/L	EPA 515.4	0.12	0.3			
2020/21-4	Lab	LCS	5/5/2021	Pesticide	Dichlorprop	n/a	=	8.58	µg/L	EPA 515.4	0.12	0.3			
2020/21-4	Lab	LCS, rec	5/5/2021	Pesticide	Dichlorprop	n/a	=	107	%	EPA 515.4	-88	-88	70	130	
2020/21-4	Lab	method blank	5/22/2021	Pesticide	Dichlorprop	n/a	<	0.12	µg/L	EPA 515.4	0.12	0.3			
2020/21-4	Lab	LCS	5/22/2021	Pesticide	Dichlorprop	n/a	=	8.24	µg/L	EPA 515.4	0.12	0.3			
2020/21-4	Lab	LCS, rec	5/22/2021	Pesticide	Dichlorprop	n/a	=	103	%	EPA 515.4	-88	-88	70	130	
2020/21-4	Lab	method blank	5/3/2021	Pesticide	Dichlorvos	n/a	<	0.0029	µg/L	EPA 625.1m	0.0029	0.01			
2020/21-4	Lab	LCS	5/3/2021	Pesticide	Dichlorvos	n/a	=	0.0432	µg/L	EPA 625.1m	0.0029	0.01			
2020/21-4	Lab	LCS, rec	5/3/2021	Pesticide	Dichlorvos	n/a	=	86	%	EPA 625.1m	-88	-88	49	143	
2020/21-4	Lab	method blank	5/5/2021	Pesticide	Dichlorvos	n/a	<	0.0029	µg/L	EPA 625.1m	0.0029	0.01			
2020/21-4	Lab	LCS	5/5/2021	Pesticide	Dichlorvos	n/a	=	0.0489	µg/L	EPA 625.1m	0.0029	0.01			
2020/21-4	Lab	LCS, rec	5/5/2021	Pesticide	Dichlorvos	n/a	=	98	%	EPA 625.1m	-88	-88	49	143	
2020/21-4	Lab	method blank	5/20/2021	Pesticide	Dichlorvos	n/a	<	0.0029	µg/L	EPA 625.1m	0.0029	0.01			
2020/21-4	Lab	LCS	5/20/2021	Pesticide	Dichlorvos	n/a	=	0.0419	µg/L	EPA 625.1m	0.0029	0.01			
2020/21-4	Lab	LCS, rec	5/20/2021	Pesticide	Dichlorvos	n/a	=	84	%	EPA 625.1m	-88	-88	49	143	
2020/21-4	ME-CC	matrix spike	5/5/2021	Pesticide	Dichlorvos	n/a	=	0.046	µg/L	EPA 625.1m	0.0029	0.01			
2020/21-4	ME-CC	matrix spike, rec	5/5/2021	Pesticide	Dichlorvos	n/a	=	92	%	EPA 625.1m	-88	-88	52	132	
2020/21-4	ME-CC	matrix spike dup	5/5/2021	Pesticide	Dichlorvos	n/a	=	0.0421	µg/L	EPA 625.1m	0.0029	0.01			
2020/21-4	ME-CC	matrix spike dup, rec	5/5/2021	Pesticide	Dichlorvos	n/a	=	84	%	EPA 625.1m	-88	-88	52	132	
2020/21-4	ME-CC	matrix spike, RPD	5/5/2021	Pesticide	Dichlorvos	n/a	=	9	%	EPA 625.1m	-88	-88	0	30	
2020/21-4	ME-SCR	matrix spike	5/3/2021	Pesticide	Dichlorvos	n/a	=	0.0416	µg/L	EPA 625.1m	0.0029	0.01			
2020/21-4	ME-SCR	matrix spike, rec	5/3/2021	Pesticide	Dichlorvos	n/a	=	83	%	EPA 625.1m	-88	-88	52	132	
2020/21-4	ME-SCR	matrix spike dup	5/3/2021	Pesticide	Dichlorvos	n/a	=	0.0371	µg/L	EPA 625.1m	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	
2020/21-4	ME-SCR	matrix spike dup, rec	5/3/2021	Pesticide	Dichlorvos	n/a	=	74	%	EPA 625.1m	-88	-88	52	132	
2020/21-4	ME-SCR	matrix spike, RPD	5/3/2021	Pesticide	Dichlorvos	n/a	=	11	%	EPA 625.1m	-88	-88	0	30	
2020/21-4	MO-HUE	matrix spike	5/20/2021	Pesticide	Dichlorvos	n/a	=	0.0475	µg/L	EPA 625.1m	0.0029	0.01			
2020/21-4	MO-HUE	matrix spike, rec	5/20/2021	Pesticide	Dichlorvos	n/a	=	95	%	EPA 625.1m	-88	-88	52	132	
2020/21-4	MO-HUE	matrix spike dup	5/20/2021	Pesticide	Dichlorvos	n/a	=	0.0669	µg/L	EPA 625.1m	0.0029	0.01			GB,IL
2020/21-4	MO-HUE	matrix spike dup, rec	5/20/2021	Pesticide	Dichlorvos	n/a	=	134	%	EPA 625.1m	-88	-88	52	132	GB,IL
2020/21-4	MO-HUE	matrix spike, RPD	5/20/2021	Pesticide	Dichlorvos	n/a	=	34	%	EPA 625.1m	-88	-88	0	30	IL
2020/21-4	000NONPJ	matrix spike	5/7/2021	Pesticide	Dieldrin	n/a	=	3.4	µg/L	EPA 608.3	0.2	2.5			
2020/21-4	000NONPJ	matrix spike, rec	5/7/2021	Pesticide	Dieldrin	n/a	=	68	%	EPA 608.3	-88	-88	36	146	
2020/21-4	000NONPJ	matrix spike dup	5/7/2021	Pesticide	Dieldrin	n/a	=	3.9	µg/L	EPA 608.3	0.2	2.5			
2020/21-4	000NONPJ	matrix spike dup, rec	5/7/2021	Pesticide	Dieldrin	n/a	=	78	%	EPA 608.3	-88	-88	36	146	
2020/21-4	000NONPJ	matrix spike, RPD	5/7/2021	Pesticide	Dieldrin	n/a	=	14	%	EPA 608.3	-88	-88	0	30	
2020/21-4	Lab	method blank	5/7/2021	Pesticide	Dieldrin	n/a	<	0.0008	µg/L	EPA 608.3	0.0008	0.01			
2020/21-4	Lab	LCS	5/7/2021	Pesticide	Dieldrin	n/a	=	0.1	µg/L	EPA 608.3	0.0008	0.01			
2020/21-4	Lab	LCS, rec	5/7/2021	Pesticide	Dieldrin	n/a	=	100	%	EPA 608.3	-88	-88	58	130	
2020/21-4	Lab	method blank	5/8/2021	Pesticide	Dieldrin	n/a	<	0.0008	µg/L	EPA 608.3	0.0008	0.01			
2020/21-4	Lab	LCS	5/8/2021	Pesticide	Dieldrin	n/a	=	0.0952	µg/L	EPA 608.3	0.0008	0.01			
2020/21-4	Lab	LCS, rec	5/8/2021	Pesticide	Dieldrin	n/a	=	95	%	EPA 608.3	-88	-88	58	130	
2020/21-4	Lab	LCS dup	5/8/2021	Pesticide	Dieldrin	n/a	=	0.0925	µg/L	EPA 608.3	0.0008	0.01			
2020/21-4	Lab	LCS dup, rec	5/8/2021	Pesticide	Dieldrin	n/a	=	92	%	EPA 608.3	-88	-88	58	130	
2020/21-4	Lab	LCS, RPD	5/8/2021	Pesticide	Dieldrin	n/a	=	3	%	EPA 608.3	-88	-88	0	30	
2020/21-4	Lab	method blank	6/5/2021	Pesticide	Dieldrin	n/a	<	0.0008	µg/L	EPA 608.3	0.0008	0.01			
2020/21-4	Lab	LCS	6/5/2021	Pesticide	Dieldrin	n/a	=	0.0874	µg/L	EPA 608.3	0.0008	0.01			
2020/21-4	Lab	LCS, rec	6/5/2021	Pesticide	Dieldrin	n/a	=	87	%	EPA 608.3	-88	-88	58	130	
2020/21-4	Lab	LCS dup	6/5/2021	Pesticide	Dieldrin	n/a	=	0.0922	µg/L	EPA 608.3	0.0008	0.01			
2020/21-4	Lab	LCS dup, rec	6/5/2021	Pesticide	Dieldrin	n/a	=	92	%	EPA 608.3	-88	-88	58	130	
2020/21-4	Lab	LCS, RPD	6/5/2021	Pesticide	Dieldrin	n/a	=	5	%	EPA 608.3	-88	-88	0	30	
2020/21-4	Lab	method blank	5/3/2021	Pesticide	Dimethoate	n/a	<	0.0062	µg/L	EPA 625.1m	0.0062	0.01			
2020/21-4	Lab	LCS	5/3/2021	Pesticide	Dimethoate	n/a	=	0.0518	µg/L	EPA 625.1m	0.0062	0.01			
2020/21-4	Lab	LCS, rec	5/3/2021	Pesticide	Dimethoate	n/a	=	104	%	EPA 625.1m	-88	-88	11	224	
2020/21-4	Lab	method blank	5/5/2021	Pesticide	Dimethoate	n/a	<	0.0062	µg/L	EPA 625.1m	0.0062	0.01			
2020/21-4	Lab	LCS	5/5/2021	Pesticide	Dimethoate	n/a	=	0.0546	µg/L	EPA 625.1m	0.0062	0.01			
2020/21-4	Lab	LCS, rec	5/5/2021	Pesticide	Dimethoate	n/a	=	109	%	EPA 625.1m	-88	-88	11	224	
2020/21-4	Lab	method blank	5/11/2021	Pesticide	Dimethoate	n/a	=	0.251	µg/L	EPA 525.2	0.02	0.2			IP
2020/21-4	Lab	LCS	5/11/2021	Pesticide	Dimethoate	n/a	=	4.52	µg/L	EPA 525.2	0.02	0.2			
2020/21-4	Lab	LCS, rec	5/11/2021	Pesticide	Dimethoate	n/a	=	90	%	EPA 525.2	-88	-88	50	120	
2020/21-4	Lab	LCS dup	5/11/2021	Pesticide	Dimethoate	n/a	=	4.79	µg/L	EPA 525.2	0.02	0.2			
2020/21-4	Lab	LCS dup, rec	5/11/2021	Pesticide	Dimethoate	n/a	=	96	%	EPA 525.2	-88	-88	50	120	
2020/21-4	Lab	LCS, RPD	5/11/2021	Pesticide	Dimethoate	n/a	=	6	%	EPA 525.2	-88	-88	0	30	
2020/21-4	Lab	method blank	5/13/2021	Pesticide	Dimethoate	n/a	<	0.02	µg/L	EPA 525.2	0.02	0.2			
2020/21-4	Lab	LCS	5/13/2021	Pesticide	Dimethoate	n/a	=	5.5	µg/L	EPA 525.2	0.02	0.2			
2020/21-4	Lab	LCS, rec	5/13/2021	Pesticide	Dimethoate	n/a	=	110	%	EPA 525.2	-88	-88	50	120	
2020/21-4	Lab	LCS dup	5/13/2021	Pesticide	Dimethoate	n/a	=	6.25	µg/L	EPA 525.2	0.02	0.2			EUM
2020/21-4	Lab	LCS dup, rec	5/13/2021	Pesticide	Dimethoate	n/a	=	125	%	EPA 525.2	-88	-88	50	120	EUM
2020/21-4	Lab	LCS, RPD	5/13/2021	Pesticide	Dimethoate	n/a	=	13	%	EPA 525.2	-88	-88	0	30	
2020/21-4	Lab	method blank	5/20/2021	Pesticide	Dimethoate	n/a	<	0.0062	µg/L	EPA 625.1m	0.0062	0.01			
2020/21-4	Lab	LCS	5/20/2021	Pesticide	Dimethoate	n/a	=	0.0541	µg/L	EPA 625.1m	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	
2020/21-4	Lab	LCS, rec	5/20/2021	Pesticide	Dimethoate	n/a	=	108	%	EPA 625.1m	-88	-88	11	224	
2020/21-4	Lab	method blank	6/3/2021	Pesticide	Dimethoate	n/a	<	0.02	µg/L	EPA 525.2	0.02	0.2			
2020/21-4	Lab	LCS	6/3/2021	Pesticide	Dimethoate	n/a	=	4.57	µg/L	EPA 525.2	0.02	0.2			
2020/21-4	Lab	LCS, rec	6/3/2021	Pesticide	Dimethoate	n/a	=	91	%	EPA 525.2	-88	-88	50	120	
2020/21-4	Lab	LCS dup	6/3/2021	Pesticide	Dimethoate	n/a	=	5.68	µg/L	EPA 525.2	0.02	0.2			
2020/21-4	Lab	LCS dup, rec	6/3/2021	Pesticide	Dimethoate	n/a	=	114	%	EPA 525.2	-88	-88	50	120	
2020/21-4	Lab	LCS, RPD	6/3/2021	Pesticide	Dimethoate	n/a	=	22	%	EPA 525.2	-88	-88	0	30	
2020/21-4	Lab	method blank	6/3/2021	Pesticide	Dimethoate	n/a	<	0.02	µg/L	EPA 525.2	0.02	0.2			
2020/21-4	Lab	LCS	6/3/2021	Pesticide	Dimethoate	n/a	=	4.66	µg/L	EPA 525.2	0.02	0.2			
2020/21-4	Lab	LCS, rec	6/3/2021	Pesticide	Dimethoate	n/a	=	93	%	EPA 525.2	-88	-88	50	120	
2020/21-4	Lab	LCS dup	6/4/2021	Pesticide	Dimethoate	n/a	=	5.27	µg/L	EPA 525.2	0.02	0.2			
2020/21-4	Lab	LCS dup, rec	6/4/2021	Pesticide	Dimethoate	n/a	=	105	%	EPA 525.2	-88	-88	50	120	
2020/21-4	Lab	LCS, RPD	6/4/2021	Pesticide	Dimethoate	n/a	=	12	%	EPA 525.2	-88	-88	0	30	
2020/21-4	Lab	method blank	6/4/2021	Pesticide	Dimethoate	n/a	<	0.02	µg/L	EPA 525.2	0.02	0.2			
2020/21-4	Lab	LCS	6/4/2021	Pesticide	Dimethoate	n/a	=	4.88	µg/L	EPA 525.2	0.02	0.2			
2020/21-4	Lab	LCS, rec	6/4/2021	Pesticide	Dimethoate	n/a	=	98	%	EPA 525.2	-88	-88	50	120	
2020/21-4	Lab	LCS dup	6/4/2021	Pesticide	Dimethoate	n/a	=	5.15	µg/L	EPA 525.2	0.02	0.2			
2020/21-4	Lab	LCS dup, rec	6/4/2021	Pesticide	Dimethoate	n/a	=	103	%	EPA 525.2	-88	-88	50	120	
2020/21-4	Lab	LCS, RPD	6/4/2021	Pesticide	Dimethoate	n/a	=	5	%	EPA 525.2	-88	-88	0	30	
2020/21-4	ME-CC	matrix spike	5/5/2021	Pesticide	Dimethoate	n/a	=	0.095	µg/L	EPA 625.1m	0.0062	0.01			
2020/21-4	ME-CC	matrix spike, rec	5/5/2021	Pesticide	Dimethoate	n/a	=	112	%	EPA 625.1m	-88	-88	0.1	208	
2020/21-4	ME-CC	matrix spike dup	5/5/2021	Pesticide	Dimethoate	n/a	=	0.091	µg/L	EPA 625.1m	0.0062	0.01			
2020/21-4	ME-CC	matrix spike dup, rec	5/5/2021	Pesticide	Dimethoate	n/a	=	104	%	EPA 625.1m	-88	-88	0.1	208	
2020/21-4	ME-CC	matrix spike, RPD	5/5/2021	Pesticide	Dimethoate	n/a	=	4	%	EPA 625.1m	-88	-88	0	30	
2020/21-4	ME-SCR	matrix spike	5/3/2021	Pesticide	Dimethoate	n/a	=	0.0572	µg/L	EPA 625.1m	0.0062	0.01			
2020/21-4	ME-SCR	matrix spike, rec	5/3/2021	Pesticide	Dimethoate	n/a	=	114	%	EPA 625.1m	-88	-88	0.1	208	
2020/21-4	ME-SCR	matrix spike dup	5/3/2021	Pesticide	Dimethoate	n/a	=	0.0555	µg/L	EPA 625.1m	0.0062	0.01			
2020/21-4	ME-SCR	matrix spike dup, rec	5/3/2021	Pesticide	Dimethoate	n/a	=	111	%	EPA 625.1m	-88	-88	0.1	208	
2020/21-4	ME-SCR	matrix spike, RPD	5/3/2021	Pesticide	Dimethoate	n/a	=	3	%	EPA 625.1m	-88	-88	0	30	
2020/21-4	MO-HUE	matrix spike	5/20/2021	Pesticide	Dimethoate	n/a	=	0.0557	µg/L	EPA 625.1m	0.0062	0.01			
2020/21-4	MO-HUE	matrix spike, rec	5/20/2021	Pesticide	Dimethoate	n/a	=	111	%	EPA 625.1m	-88	-88	0.1	208	
2020/21-4	MO-HUE	matrix spike dup	5/20/2021	Pesticide	Dimethoate	n/a	=	0.0708	µg/L	EPA 625.1m	0.0062	0.01			
2020/21-4	MO-HUE	matrix spike dup, rec	5/20/2021	Pesticide	Dimethoate	n/a	=	142	%	EPA 625.1m	-88	-88	0.1	208	
2020/21-4	MO-HUE	matrix spike, RPD	5/20/2021	Pesticide	Dimethoate	n/a	=	24	%	EPA 625.1m	-88	-88	0	30	
2020/21-4	000NONPJ	matrix spike	5/5/2021	Pesticide	Dinoseb	n/a	=	3.99	µg/L	EPA 515.4	0.055	0.4			
2020/21-4	000NONPJ	matrix spike, rec	5/5/2021	Pesticide	Dinoseb	n/a	=	100	%	EPA 515.4	-88	-88	70	130	
2020/21-4	000NONPJ	matrix spike dup	5/5/2021	Pesticide	Dinoseb	n/a	=	3.77	µg/L	EPA 515.4	0.055	0.4			
2020/21-4	000NONPJ	matrix spike dup, rec	5/5/2021	Pesticide	Dinoseb	n/a	=	94	%	EPA 515.4	-88	-88	70	130	
2020/21-4	000NONPJ	matrix spike, RPD	5/5/2021	Pesticide	Dinoseb	n/a	=	6	%	EPA 515.4	-88	-88	0	30	
2020/21-4	000NONPJ	matrix spike	5/22/2021	Pesticide	Dinoseb	n/a	=	4.06	µg/L	EPA 515.4	0.055	0.4			
2020/21-4	000NONPJ	matrix spike, rec	5/22/2021	Pesticide	Dinoseb	n/a	=	102	%	EPA 515.4	-88	-88	70	130	
2020/21-4	000NONPJ	matrix spike dup	5/23/2021	Pesticide	Dinoseb	n/a	=	4.1	µg/L	EPA 515.4	0.055	0.4			
2020/21-4	000NONPJ	matrix spike dup, rec	5/23/2021	Pesticide	Dinoseb	n/a	=	102	%	EPA 515.4	-88	-88	70	130	
2020/21-4	000NONPJ	matrix spike, RPD	5/23/2021	Pesticide	Dinoseb	n/a	=	0.8	%	EPA 515.4	-88	-88	0	30	
2020/21-4	Lab	method blank	5/5/2021	Pesticide	Dinoseb	n/a	<	0.055	µg/L	EPA 515.4	0.055	0.4			
2020/21-4	Lab	LCS	5/5/2021	Pesticide	Dinoseb	n/a	=	4.07	µg/L	EPA 515.4	0.055	0.4			
2020/21-4	Lab	LCS, rec	5/5/2021	Pesticide	Dinoseb	n/a	=	102	%	EPA 515.4	-88	-88	70	130	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2020/21-4	Lab	method blank	5/22/2021	Pesticide	Dinoseb	n/a	<	0.055	µg/L	EPA 515.4	0.055	0.4			
2020/21-4	Lab	LCS	5/22/2021	Pesticide	Dinoseb	n/a	=	4.16	µg/L	EPA 515.4	0.055	0.4			
2020/21-4	Lab	LCS, rec	5/22/2021	Pesticide	Dinoseb	n/a	=	104	%	EPA 515.4	-88	-88	70	130	
2020/21-4	Lab	method blank	5/11/2021	Pesticide	Diphenamid	n/a	=	0.248	µg/L	EPA 525.2	0.03	0.1			IP
2020/21-4	Lab	LCS	5/11/2021	Pesticide	Diphenamid	n/a	=	6.64	µg/L	EPA 525.2	0.03	0.1			EUM
2020/21-4	Lab	LCS, rec	5/11/2021	Pesticide	Diphenamid	n/a	=	133	%	EPA 525.2	-88	-88	70	130	EUM
2020/21-4	Lab	LCS dup	5/11/2021	Pesticide	Diphenamid	n/a	=	5.56	µg/L	EPA 525.2	0.03	0.1			
2020/21-4	Lab	LCS dup, rec	5/11/2021	Pesticide	Diphenamid	n/a	=	111	%	EPA 525.2	-88	-88	70	130	
2020/21-4	Lab	LCS, RPD	5/11/2021	Pesticide	Diphenamid	n/a	=	18	%	EPA 525.2	-88	-88	0	30	
2020/21-4	Lab	method blank	5/13/2021	Pesticide	Diphenamid	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1			
2020/21-4	Lab	LCS	5/13/2021	Pesticide	Diphenamid	n/a	=	6.1	µg/L	EPA 525.2	0.03	0.1			
2020/21-4	Lab	LCS, rec	5/13/2021	Pesticide	Diphenamid	n/a	=	122	%	EPA 525.2	-88	-88	70	130	
2020/21-4	Lab	LCS dup	5/13/2021	Pesticide	Diphenamid	n/a	=	6.13	µg/L	EPA 525.2	0.03	0.1			
2020/21-4	Lab	LCS dup, rec	5/13/2021	Pesticide	Diphenamid	n/a	=	123	%	EPA 525.2	-88	-88	70	130	
2020/21-4	Lab	LCS, RPD	5/13/2021	Pesticide	Diphenamid	n/a	=	0.5	%	EPA 525.2	-88	-88	0	30	
2020/21-4	Lab	method blank	6/3/2021	Pesticide	Diphenamid	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1			
2020/21-4	Lab	LCS	6/3/2021	Pesticide	Diphenamid	n/a	=	6.11	µg/L	EPA 525.2	0.03	0.1			
2020/21-4	Lab	LCS, rec	6/3/2021	Pesticide	Diphenamid	n/a	=	122	%	EPA 525.2	-88	-88	70	130	
2020/21-4	Lab	LCS dup	6/3/2021	Pesticide	Diphenamid	n/a	=	6.03	µg/L	EPA 525.2	0.03	0.1			
2020/21-4	Lab	LCS dup, rec	6/3/2021	Pesticide	Diphenamid	n/a	=	121	%	EPA 525.2	-88	-88	70	130	
2020/21-4	Lab	LCS, RPD	6/3/2021	Pesticide	Diphenamid	n/a	=	1	%	EPA 525.2	-88	-88	0	30	
2020/21-4	Lab	method blank	6/3/2021	Pesticide	Diphenamid	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1			
2020/21-4	Lab	LCS	6/3/2021	Pesticide	Diphenamid	n/a	=	5.85	µg/L	EPA 525.2	0.03	0.1			
2020/21-4	Lab	LCS, rec	6/3/2021	Pesticide	Diphenamid	n/a	=	117	%	EPA 525.2	-88	-88	70	130	
2020/21-4	Lab	LCS dup	6/4/2021	Pesticide	Diphenamid	n/a	=	5.81	µg/L	EPA 525.2	0.03	0.1			
2020/21-4	Lab	LCS dup, rec	6/4/2021	Pesticide	Diphenamid	n/a	=	116	%	EPA 525.2	-88	-88	70	130	
2020/21-4	Lab	LCS, RPD	6/4/2021	Pesticide	Diphenamid	n/a	=	0.8	%	EPA 525.2	-88	-88	0	30	
2020/21-4	Lab	method blank	6/4/2021	Pesticide	Diphenamid	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1			
2020/21-4	Lab	LCS	6/4/2021	Pesticide	Diphenamid	n/a	=	5.94	µg/L	EPA 525.2	0.03	0.1			
2020/21-4	Lab	LCS, rec	6/4/2021	Pesticide	Diphenamid	n/a	=	119	%	EPA 525.2	-88	-88	70	130	
2020/21-4	Lab	LCS dup	6/4/2021	Pesticide	Diphenamid	n/a	=	6.18	µg/L	EPA 525.2	0.03	0.1			
2020/21-4	Lab	LCS dup, rec	6/4/2021	Pesticide	Diphenamid	n/a	=	124	%	EPA 525.2	-88	-88	70	130	
2020/21-4	Lab	LCS, RPD	6/4/2021	Pesticide	Diphenamid	n/a	=	4	%	EPA 525.2	-88	-88	0	30	
2020/21-4	Lab	method blank	5/3/2021	Pesticide	Disulfoton	n/a	<	0.01	µg/L	EPA 625.1m	0.01	0.01			
2020/21-4	Lab	LCS	5/3/2021	Pesticide	Disulfoton	n/a	=	0.0456	µg/L	EPA 625.1m	0.01	0.01			
2020/21-4	Lab	LCS, rec	5/3/2021	Pesticide	Disulfoton	n/a	=	91	%	EPA 625.1m	-88	-88	26	169	
2020/21-4	Lab	method blank	5/5/2021	Pesticide	Disulfoton	n/a	<	0.01	µg/L	EPA 625.1m	0.01	0.01			
2020/21-4	Lab	LCS	5/5/2021	Pesticide	Disulfoton	n/a	=	0.0519	µg/L	EPA 625.1m	0.01	0.01			
2020/21-4	Lab	LCS, rec	5/5/2021	Pesticide	Disulfoton	n/a	=	104	%	EPA 625.1m	-88	-88	26	169	
2020/21-4	Lab	method blank	5/11/2021	Pesticide	Disulfoton	n/a	=	0.178	µg/L	EPA 525.2	0.04	0.1			IP
2020/21-4	Lab	LCS	5/11/2021	Pesticide	Disulfoton	n/a	=	5.64	µg/L	EPA 525.2	0.04	0.1			
2020/21-4	Lab	LCS, rec	5/11/2021	Pesticide	Disulfoton	n/a	=	113	%	EPA 525.2	-88	-88	50	120	
2020/21-4	Lab	LCS dup	5/11/2021	Pesticide	Disulfoton	n/a	=	5.43	µg/L	EPA 525.2	0.04	0.1			
2020/21-4	Lab	LCS dup, rec	5/11/2021	Pesticide	Disulfoton	n/a	=	109	%	EPA 525.2	-88	-88	50	120	
2020/21-4	Lab	LCS, RPD	5/11/2021	Pesticide	Disulfoton	n/a	=	4	%	EPA 525.2	-88	-88	0	30	
2020/21-4	Lab	method blank	5/13/2021	Pesticide	Disulfoton	n/a	<	0.04	µg/L	EPA 525.2	0.04	0.1			
2020/21-4	Lab	LCS	5/13/2021	Pesticide	Disulfoton	n/a	=	5.95	µg/L	EPA 525.2	0.04	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	
2020/21-4	Lab	LCS, rec	5/13/2021	Pesticide	Disulfoton	n/a	=	119	%	EPA 525.2	-88	-88	50	120	
2020/21-4	Lab	LCS dup	5/13/2021	Pesticide	Disulfoton	n/a	=	5.91	µg/L	EPA 525.2	0.04	0.1			
2020/21-4	Lab	LCS dup, rec	5/13/2021	Pesticide	Disulfoton	n/a	=	118	%	EPA 525.2	-88	-88	50	120	
2020/21-4	Lab	LCS, RPD	5/13/2021	Pesticide	Disulfoton	n/a	=	0.7	%	EPA 525.2	-88	-88	0	30	
2020/21-4	Lab	method blank	5/20/2021	Pesticide	Disulfoton	n/a	<	0.01	µg/L	EPA 625.1m	0.01	0.01			
2020/21-4	Lab	LCS	5/20/2021	Pesticide	Disulfoton	n/a	=	0.0453	µg/L	EPA 625.1m	0.01	0.01			
2020/21-4	Lab	LCS, rec	5/20/2021	Pesticide	Disulfoton	n/a	=	91	%	EPA 625.1m	-88	-88	26	169	
2020/21-4	Lab	method blank	6/3/2021	Pesticide	Disulfoton	n/a	<	0.04	µg/L	EPA 525.2	0.04	0.1			
2020/21-4	Lab	LCS	6/3/2021	Pesticide	Disulfoton	n/a	=	5.51	µg/L	EPA 525.2	0.04	0.1			
2020/21-4	Lab	LCS, rec	6/3/2021	Pesticide	Disulfoton	n/a	=	110	%	EPA 525.2	-88	-88	50	120	
2020/21-4	Lab	LCS dup	6/3/2021	Pesticide	Disulfoton	n/a	=	5.41	µg/L	EPA 525.2	0.04	0.1			
2020/21-4	Lab	LCS dup, rec	6/3/2021	Pesticide	Disulfoton	n/a	=	108	%	EPA 525.2	-88	-88	50	120	
2020/21-4	Lab	LCS, RPD	6/3/2021	Pesticide	Disulfoton	n/a	=	2	%	EPA 525.2	-88	-88	0	30	
2020/21-4	Lab	method blank	6/3/2021	Pesticide	Disulfoton	n/a	<	0.04	µg/L	EPA 525.2	0.04	0.1			
2020/21-4	Lab	LCS	6/3/2021	Pesticide	Disulfoton	n/a	=	5.23	µg/L	EPA 525.2	0.04	0.1			
2020/21-4	Lab	LCS, rec	6/3/2021	Pesticide	Disulfoton	n/a	=	105	%	EPA 525.2	-88	-88	50	120	
2020/21-4	Lab	LCS dup	6/4/2021	Pesticide	Disulfoton	n/a	=	5.12	µg/L	EPA 525.2	0.04	0.1			
2020/21-4	Lab	LCS dup, rec	6/4/2021	Pesticide	Disulfoton	n/a	=	102	%	EPA 525.2	-88	-88	50	120	
2020/21-4	Lab	LCS, RPD	6/4/2021	Pesticide	Disulfoton	n/a	=	2	%	EPA 525.2	-88	-88	0	30	
2020/21-4	Lab	method blank	6/4/2021	Pesticide	Disulfoton	n/a	<	0.04	µg/L	EPA 525.2	0.04	0.1			
2020/21-4	Lab	LCS	6/4/2021	Pesticide	Disulfoton	n/a	=	5.41	µg/L	EPA 525.2	0.04	0.1			
2020/21-4	Lab	LCS, rec	6/4/2021	Pesticide	Disulfoton	n/a	=	108	%	EPA 525.2	-88	-88	50	120	
2020/21-4	Lab	LCS dup	6/4/2021	Pesticide	Disulfoton	n/a	=	5.51	µg/L	EPA 525.2	0.04	0.1			
2020/21-4	Lab	LCS dup, rec	6/4/2021	Pesticide	Disulfoton	n/a	=	110	%	EPA 525.2	-88	-88	50	120	
2020/21-4	Lab	LCS, RPD	6/4/2021	Pesticide	Disulfoton	n/a	=	2	%	EPA 525.2	-88	-88	0	30	
2020/21-4	ME-CC	matrix spike	5/5/2021	Pesticide	Disulfoton	n/a	=	0.0507	µg/L	EPA 625.1m	0.01	0.01			
2020/21-4	ME-CC	matrix spike, rec	5/5/2021	Pesticide	Disulfoton	n/a	=	101	%	EPA 625.1m	-88	-88	33	172	
2020/21-4	ME-CC	matrix spike dup	5/5/2021	Pesticide	Disulfoton	n/a	=	0.0449	µg/L	EPA 625.1m	0.01	0.01			
2020/21-4	ME-CC	matrix spike dup, rec	5/5/2021	Pesticide	Disulfoton	n/a	=	90	%	EPA 625.1m	-88	-88	33	172	
2020/21-4	ME-CC	matrix spike, RPD	5/5/2021	Pesticide	Disulfoton	n/a	=	12	%	EPA 625.1m	-88	-88	0	30	
2020/21-4	ME-SCR	matrix spike	5/3/2021	Pesticide	Disulfoton	n/a	=	0.0535	µg/L	EPA 625.1m	0.01	0.01			
2020/21-4	ME-SCR	matrix spike, rec	5/3/2021	Pesticide	Disulfoton	n/a	=	107	%	EPA 625.1m	-88	-88	33	172	
2020/21-4	ME-SCR	matrix spike dup	5/3/2021	Pesticide	Disulfoton	n/a	=	0.0488	µg/L	EPA 625.1m	0.01	0.01			
2020/21-4	ME-SCR	matrix spike dup, rec	5/3/2021	Pesticide	Disulfoton	n/a	=	98	%	EPA 625.1m	-88	-88	33	172	
2020/21-4	ME-SCR	matrix spike, RPD	5/3/2021	Pesticide	Disulfoton	n/a	=	9	%	EPA 625.1m	-88	-88	0	30	
2020/21-4	MO-HUE	matrix spike	5/20/2021	Pesticide	Disulfoton	n/a	=	0.0441	µg/L	EPA 625.1m	0.01	0.01			
2020/21-4	MO-HUE	matrix spike, rec	5/20/2021	Pesticide	Disulfoton	n/a	=	88	%	EPA 625.1m	-88	-88	33	172	
2020/21-4	MO-HUE	matrix spike dup	5/20/2021	Pesticide	Disulfoton	n/a	=	0.0256	µg/L	EPA 625.1m	0.01	0.01			IL
2020/21-4	MO-HUE	matrix spike dup, rec	5/20/2021	Pesticide	Disulfoton	n/a	=	51	%	EPA 625.1m	-88	-88	33	172	IL
2020/21-4	MO-HUE	matrix spike, RPD	5/20/2021	Pesticide	Disulfoton	n/a	=	53	%	EPA 625.1m	-88	-88	0	30	IL
2020/21-4	000NONPJ	matrix spike	5/7/2021	Pesticide	Endosulfan I	n/a	DNQ	3.46	µg/L	EPA 608.3	0.22	5			
2020/21-4	000NONPJ	matrix spike, rec	5/7/2021	Pesticide	Endosulfan I	n/a	=	69	%	EPA 608.3	-88	-88	45	153	
2020/21-4	000NONPJ	matrix spike dup	5/7/2021	Pesticide	Endosulfan I	n/a	DNQ	3.91	µg/L	EPA 608.3	0.22	5			
2020/21-4	000NONPJ	matrix spike dup, rec	5/7/2021	Pesticide	Endosulfan I	n/a	=	78	%	EPA 608.3	-88	-88	45	153	
2020/21-4	000NONPJ	matrix spike, RPD	5/7/2021	Pesticide	Endosulfan I	n/a	=	12	%	EPA 608.3	-88	-88	0	30	
2020/21-4	Lab	method blank	5/7/2021	Pesticide	Endosulfan I	n/a	<	0.0009	µg/L	EPA 608.3	0.0009	0.02			
2020/21-4	Lab	LCS	5/7/2021	Pesticide	Endosulfan I	n/a	=	0.0968	µg/L	EPA 608.3	0.0009	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	
2020/21-4	Lab	LCS, rec	5/7/2021	Pesticide	Endosulfan I	n/a	=	97	%	EPA 608.3	-88	-88	57	141	
2020/21-4	Lab	method blank	5/8/2021	Pesticide	Endosulfan I	n/a	<	0.0009	µg/L	EPA 608.3	0.0009	0.02			
2020/21-4	Lab	LCS	5/8/2021	Pesticide	Endosulfan I	n/a	=	0.0909	µg/L	EPA 608.3	0.0009	0.02			
2020/21-4	Lab	LCS, rec	5/8/2021	Pesticide	Endosulfan I	n/a	=	91	%	EPA 608.3	-88	-88	57	141	
2020/21-4	Lab	LCS dup	5/8/2021	Pesticide	Endosulfan I	n/a	=	0.0882	µg/L	EPA 608.3	0.0009	0.02			
2020/21-4	Lab	LCS dup, rec	5/8/2021	Pesticide	Endosulfan I	n/a	=	88	%	EPA 608.3	-88	-88	57	141	
2020/21-4	Lab	LCS, RPD	5/8/2021	Pesticide	Endosulfan I	n/a	=	3	%	EPA 608.3	-88	-88	0	30	
2020/21-4	Lab	method blank	6/5/2021	Pesticide	Endosulfan I	n/a	<	0.0009	µg/L	EPA 608.3	0.0009	0.02			
2020/21-4	Lab	LCS	6/5/2021	Pesticide	Endosulfan I	n/a	=	0.099	µg/L	EPA 608.3	0.0009	0.02			
2020/21-4	Lab	LCS, rec	6/5/2021	Pesticide	Endosulfan I	n/a	=	99	%	EPA 608.3	-88	-88	57	141	
2020/21-4	Lab	LCS dup	6/5/2021	Pesticide	Endosulfan I	n/a	=	0.104	µg/L	EPA 608.3	0.0009	0.02			
2020/21-4	Lab	LCS dup, rec	6/5/2021	Pesticide	Endosulfan I	n/a	=	104	%	EPA 608.3	-88	-88	57	141	
2020/21-4	Lab	LCS, RPD	6/5/2021	Pesticide	Endosulfan I	n/a	=	5	%	EPA 608.3	-88	-88	0	30	
2020/21-4	000NONPJ	matrix spike	5/7/2021	Pesticide	Endosulfan II	n/a	=	3.73	µg/L	EPA 608.3	0.18	2.5			
2020/21-4	000NONPJ	matrix spike, rec	5/7/2021	Pesticide	Endosulfan II	n/a	=	75	%	EPA 608.3	-88	-88	17	202	
2020/21-4	000NONPJ	matrix spike dup	5/7/2021	Pesticide	Endosulfan II	n/a	=	4.12	µg/L	EPA 608.3	0.18	2.5			
2020/21-4	000NONPJ	matrix spike dup, rec	5/7/2021	Pesticide	Endosulfan II	n/a	=	82	%	EPA 608.3	-88	-88	17	202	
2020/21-4	000NONPJ	matrix spike, RPD	5/7/2021	Pesticide	Endosulfan II	n/a	=	10	%	EPA 608.3	-88	-88	0	30	
2020/21-4	Lab	method blank	5/7/2021	Pesticide	Endosulfan II	n/a	<	0.0007	µg/L	EPA 608.3	0.0007	0.01			
2020/21-4	Lab	LCS	5/7/2021	Pesticide	Endosulfan II	n/a	=	0.103	µg/L	EPA 608.3	0.0007	0.01			
2020/21-4	Lab	LCS, rec	5/7/2021	Pesticide	Endosulfan II	n/a	=	103	%	EPA 608.3	-88	-88	22	171	
2020/21-4	Lab	method blank	5/8/2021	Pesticide	Endosulfan II	n/a	<	0.0007	µg/L	EPA 608.3	0.0007	0.01			
2020/21-4	Lab	LCS	5/8/2021	Pesticide	Endosulfan II	n/a	=	0.0981	µg/L	EPA 608.3	0.0007	0.01			
2020/21-4	Lab	LCS, rec	5/8/2021	Pesticide	Endosulfan II	n/a	=	98	%	EPA 608.3	-88	-88	22	171	
2020/21-4	Lab	LCS dup	5/8/2021	Pesticide	Endosulfan II	n/a	=	0.0933	µg/L	EPA 608.3	0.0007	0.01			
2020/21-4	Lab	LCS dup, rec	5/8/2021	Pesticide	Endosulfan II	n/a	=	93	%	EPA 608.3	-88	-88	22	171	
2020/21-4	Lab	LCS, RPD	5/8/2021	Pesticide	Endosulfan II	n/a	=	5	%	EPA 608.3	-88	-88	0	30	
2020/21-4	Lab	method blank	6/5/2021	Pesticide	Endosulfan II	n/a	<	0.0007	µg/L	EPA 608.3	0.0007	0.01			
2020/21-4	Lab	LCS	6/5/2021	Pesticide	Endosulfan II	n/a	=	0.0946	µg/L	EPA 608.3	0.0007	0.01			
2020/21-4	Lab	LCS, rec	6/5/2021	Pesticide	Endosulfan II	n/a	=	95	%	EPA 608.3	-88	-88	22	171	
2020/21-4	Lab	LCS dup	6/5/2021	Pesticide	Endosulfan II	n/a	=	0.106	µg/L	EPA 608.3	0.0007	0.01			
2020/21-4	Lab	LCS dup, rec	6/5/2021	Pesticide	Endosulfan II	n/a	=	106	%	EPA 608.3	-88	-88	22	171	
2020/21-4	Lab	LCS, RPD	6/5/2021	Pesticide	Endosulfan II	n/a	=	11	%	EPA 608.3	-88	-88	0	30	
2020/21-4	000NONPJ	matrix spike	5/7/2021	Pesticide	Endosulfan sulfate	n/a	DNQ	3.45	µg/L	EPA 608.3	0.32	12			
2020/21-4	000NONPJ	matrix spike, rec	5/7/2021	Pesticide	Endosulfan sulfate	n/a	=	69	%	EPA 608.3	-88	-88	26	144	
2020/21-4	000NONPJ	matrix spike dup	5/7/2021	Pesticide	Endosulfan sulfate	n/a	DNQ	3.86	µg/L	EPA 608.3	0.32	12			
2020/21-4	000NONPJ	matrix spike dup, rec	5/7/2021	Pesticide	Endosulfan sulfate	n/a	=	77	%	EPA 608.3	-88	-88	26	144	
2020/21-4	000NONPJ	matrix spike, RPD	5/7/2021	Pesticide	Endosulfan sulfate	n/a	=	11	%	EPA 608.3	-88	-88	0	30	
2020/21-4	Lab	method blank	5/7/2021	Pesticide	Endosulfan sulfate	n/a	<	0.0013	µg/L	EPA 608.3	0.0013	0.05			
2020/21-4	Lab	LCS	5/7/2021	Pesticide	Endosulfan sulfate	n/a	=	0.098	µg/L	EPA 608.3	0.0013	0.05			
2020/21-4	Lab	LCS, rec	5/7/2021	Pesticide	Endosulfan sulfate	n/a	=	98	%	EPA 608.3	-88	-88	38	132	
2020/21-4	Lab	method blank	5/8/2021	Pesticide	Endosulfan sulfate	n/a	<	0.0013	µg/L	EPA 608.3	0.0013	0.05			
2020/21-4	Lab	LCS	5/8/2021	Pesticide	Endosulfan sulfate	n/a	=	0.108	µg/L	EPA 608.3	0.0013	0.05			
2020/21-4	Lab	LCS, rec	5/8/2021	Pesticide	Endosulfan sulfate	n/a	=	108	%	EPA 608.3	-88	-88	38	132	
2020/21-4	Lab	LCS dup	5/8/2021	Pesticide	Endosulfan sulfate	n/a	=	0.104	µg/L	EPA 608.3	0.0013	0.05			
2020/21-4	Lab	LCS dup, rec	5/8/2021	Pesticide	Endosulfan sulfate	n/a	=	104	%	EPA 608.3	-88	-88	38	132	
2020/21-4	Lab	LCS, RPD	5/8/2021	Pesticide	Endosulfan sulfate	n/a	=	4	%	EPA 608.3	-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	
2020/21-4	Lab	method blank	6/5/2021	Pesticide	Endosulfan sulfate	n/a	<	0.0013	µg/L	EPA 608.3	0.0013	0.05			
2020/21-4	Lab	LCS	6/5/2021	Pesticide	Endosulfan sulfate	n/a	=	0.114	µg/L	EPA 608.3	0.0013	0.05			
2020/21-4	Lab	LCS, rec	6/5/2021	Pesticide	Endosulfan sulfate	n/a	=	114	%	EPA 608.3	-88	-88	38	132	
2020/21-4	Lab	LCS dup	6/5/2021	Pesticide	Endosulfan sulfate	n/a	=	0.133	µg/L	EPA 608.3	0.0013	0.05			EUM
2020/21-4	Lab	LCS dup, rec	6/5/2021	Pesticide	Endosulfan sulfate	n/a	=	133	%	EPA 608.3	-88	-88	38	132	EUM
2020/21-4	Lab	LCS, RPD	6/5/2021	Pesticide	Endosulfan sulfate	n/a	=	15	%	EPA 608.3	-88	-88	0	30	
2020/21-4	000NONPJ	matrix spike	5/7/2021	Pesticide	Endrin	n/a	=	3.71	µg/L	EPA 608.3	0.42	2.5			
2020/21-4	000NONPJ	matrix spike, rec	5/7/2021	Pesticide	Endrin	n/a	=	74	%	EPA 608.3	-88	-88	30	147	
2020/21-4	000NONPJ	matrix spike dup	5/7/2021	Pesticide	Endrin	n/a	=	4.2	µg/L	EPA 608.3	0.42	2.5			
2020/21-4	000NONPJ	matrix spike dup, rec	5/7/2021	Pesticide	Endrin	n/a	=	84	%	EPA 608.3	-88	-88	30	147	
2020/21-4	000NONPJ	matrix spike, RPD	5/7/2021	Pesticide	Endrin	n/a	=	12	%	EPA 608.3	-88	-88	0	30	
2020/21-4	Lab	method blank	5/7/2021	Pesticide	Endrin	n/a	<	0.0017	µg/L	EPA 608.3	0.0017	0.01			
2020/21-4	Lab	LCS	5/7/2021	Pesticide	Endrin	n/a	=	0.108	µg/L	EPA 608.3	0.0017	0.01			
2020/21-4	Lab	LCS, rec	5/7/2021	Pesticide	Endrin	n/a	=	108	%	EPA 608.3	-88	-88	51	130	
2020/21-4	Lab	method blank	5/8/2021	Pesticide	Endrin	n/a	<	0.0017	µg/L	EPA 608.3	0.0017	0.01			
2020/21-4	Lab	LCS	5/8/2021	Pesticide	Endrin	n/a	=	0.103	µg/L	EPA 608.3	0.0017	0.01			
2020/21-4	Lab	LCS, rec	5/8/2021	Pesticide	Endrin	n/a	=	103	%	EPA 608.3	-88	-88	51	130	
2020/21-4	Lab	LCS dup	5/8/2021	Pesticide	Endrin	n/a	=	0.0994	µg/L	EPA 608.3	0.0017	0.01			
2020/21-4	Lab	LCS dup, rec	5/8/2021	Pesticide	Endrin	n/a	=	99	%	EPA 608.3	-88	-88	51	130	
2020/21-4	Lab	LCS, RPD	5/8/2021	Pesticide	Endrin	n/a	=	4	%	EPA 608.3	-88	-88	0	30	
2020/21-4	Lab	method blank	6/5/2021	Pesticide	Endrin	n/a	<	0.0017	µg/L	EPA 608.3	0.0017	0.01			
2020/21-4	Lab	LCS	6/5/2021	Pesticide	Endrin	n/a	=	0.146	µg/L	EPA 608.3	0.0017	0.01			EUM
2020/21-4	Lab	LCS, rec	6/5/2021	Pesticide	Endrin	n/a	=	146	%	EPA 608.3	-88	-88	51	130	EUM
2020/21-4	Lab	LCS dup	6/5/2021	Pesticide	Endrin	n/a	=	0.142	µg/L	EPA 608.3	0.0017	0.01			EUM
2020/21-4	Lab	LCS dup, rec	6/5/2021	Pesticide	Endrin	n/a	=	142	%	EPA 608.3	-88	-88	51	130	EUM
2020/21-4	Lab	LCS, RPD	6/5/2021	Pesticide	Endrin	n/a	=	3	%	EPA 608.3	-88	-88	0	30	
2020/21-4	000NONPJ	matrix spike	5/7/2021	Pesticide	Endrin aldehyde	n/a	=	3.45	µg/L	EPA 608.3	0.48	2.5			
2020/21-4	000NONPJ	matrix spike, rec	5/7/2021	Pesticide	Endrin aldehyde	n/a	=	69	%	EPA 608.3	-88	-88	11	140	
2020/21-4	000NONPJ	matrix spike dup	5/7/2021	Pesticide	Endrin aldehyde	n/a	=	3.8	µg/L	EPA 608.3	0.48	2.5			
2020/21-4	000NONPJ	matrix spike dup, rec	5/7/2021	Pesticide	Endrin aldehyde	n/a	=	76	%	EPA 608.3	-88	-88	11	140	
2020/21-4	000NONPJ	matrix spike, RPD	5/7/2021	Pesticide	Endrin aldehyde	n/a	=	9	%	EPA 608.3	-88	-88	0	30	
2020/21-4	Lab	method blank	5/7/2021	Pesticide	Endrin aldehyde	n/a	<	0.0019	µg/L	EPA 608.3	0.0019	0.01			
2020/21-4	Lab	LCS	5/7/2021	Pesticide	Endrin aldehyde	n/a	=	0.0736	µg/L	EPA 608.3	0.0019	0.01			
2020/21-4	Lab	LCS, rec	5/7/2021	Pesticide	Endrin aldehyde	n/a	=	74	%	EPA 608.3	-88	-88	18	130	
2020/21-4	Lab	method blank	5/8/2021	Pesticide	Endrin aldehyde	n/a	<	0.0019	µg/L	EPA 608.3	0.0019	0.01			
2020/21-4	Lab	LCS	5/8/2021	Pesticide	Endrin aldehyde	n/a	=	0.0971	µg/L	EPA 608.3	0.0019	0.01			
2020/21-4	Lab	LCS, rec	5/8/2021	Pesticide	Endrin aldehyde	n/a	=	97	%	EPA 608.3	-88	-88	18	130	
2020/21-4	Lab	LCS dup	5/8/2021	Pesticide	Endrin aldehyde	n/a	=	0.0886	µg/L	EPA 608.3	0.0019	0.01			
2020/21-4	Lab	LCS dup, rec	5/8/2021	Pesticide	Endrin aldehyde	n/a	=	89	%	EPA 608.3	-88	-88	18	130	
2020/21-4	Lab	LCS, RPD	5/8/2021	Pesticide	Endrin aldehyde	n/a	=	9	%	EPA 608.3	-88	-88	0	30	
2020/21-4	Lab	method blank	6/5/2021	Pesticide	Endrin aldehyde	n/a	<	0.0019	µg/L	EPA 608.3	0.0019	0.01			
2020/21-4	Lab	LCS	6/5/2021	Pesticide	Endrin aldehyde	n/a	=	0.108	µg/L	EPA 608.3	0.0019	0.01			
2020/21-4	Lab	LCS, rec	6/5/2021	Pesticide	Endrin aldehyde	n/a	=	108	%	EPA 608.3	-88	-88	18	130	
2020/21-4	Lab	LCS dup	6/5/2021	Pesticide	Endrin aldehyde	n/a	=	0.112	µg/L	EPA 608.3	0.0019	0.01			
2020/21-4	Lab	LCS dup, rec	6/5/2021	Pesticide	Endrin aldehyde	n/a	=	112	%	EPA 608.3	-88	-88	18	130	
2020/21-4	Lab	LCS, RPD	6/5/2021	Pesticide	Endrin aldehyde	n/a	=	3	%	EPA 608.3	-88	-88	0	30	
2020/21-4	Lab	method blank	5/11/2021	Pesticide	EPTC	n/a	=	0.233	µg/L	EPA 525.2	0.02	0.1			IP

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2020/21-4	Lab	LCS	5/11/2021	Pesticide	EPTC	n/a	=	5.91	µg/L	EPA 525.2	0.02	0.1			
2020/21-4	Lab	LCS, rec	5/11/2021	Pesticide	EPTC	n/a	=	118	%	EPA 525.2	-88	-88	70	130	
2020/21-4	Lab	LCS dup	5/11/2021	Pesticide	EPTC	n/a	=	6.33	µg/L	EPA 525.2	0.02	0.1			
2020/21-4	Lab	LCS dup, rec	5/11/2021	Pesticide	EPTC	n/a	=	127	%	EPA 525.2	-88	-88	70	130	
2020/21-4	Lab	LCS, RPD	5/11/2021	Pesticide	EPTC	n/a	=	7	%	EPA 525.2	-88	-88	0	30	
2020/21-4	Lab	method blank	5/13/2021	Pesticide	EPTC	n/a	<	0.02	µg/L	EPA 525.2	0.02	0.1			
2020/21-4	Lab	LCS	5/13/2021	Pesticide	EPTC	n/a	=	6.24	µg/L	EPA 525.2	0.02	0.1			
2020/21-4	Lab	LCS, rec	5/13/2021	Pesticide	EPTC	n/a	=	125	%	EPA 525.2	-88	-88	70	130	
2020/21-4	Lab	LCS dup	5/13/2021	Pesticide	EPTC	n/a	=	6.34	µg/L	EPA 525.2	0.02	0.1			
2020/21-4	Lab	LCS dup, rec	5/13/2021	Pesticide	EPTC	n/a	=	127	%	EPA 525.2	-88	-88	70	130	
2020/21-4	Lab	LCS, RPD	5/13/2021	Pesticide	EPTC	n/a	=	2	%	EPA 525.2	-88	-88	0	30	
2020/21-4	Lab	method blank	6/3/2021	Pesticide	EPTC	n/a	<	0.02	µg/L	EPA 525.2	0.02	0.1			
2020/21-4	Lab	LCS	6/3/2021	Pesticide	EPTC	n/a	=	5.61	µg/L	EPA 525.2	0.02	0.1			
2020/21-4	Lab	LCS, rec	6/3/2021	Pesticide	EPTC	n/a	=	112	%	EPA 525.2	-88	-88	70	130	
2020/21-4	Lab	LCS dup	6/3/2021	Pesticide	EPTC	n/a	=	5.72	µg/L	EPA 525.2	0.02	0.1			
2020/21-4	Lab	LCS dup, rec	6/3/2021	Pesticide	EPTC	n/a	=	114	%	EPA 525.2	-88	-88	70	130	
2020/21-4	Lab	LCS, RPD	6/3/2021	Pesticide	EPTC	n/a	=	2	%	EPA 525.2	-88	-88	0	30	
2020/21-4	Lab	method blank	6/3/2021	Pesticide	EPTC	n/a	<	0.02	µg/L	EPA 525.2	0.02	0.1			
2020/21-4	Lab	LCS	6/3/2021	Pesticide	EPTC	n/a	=	5.76	µg/L	EPA 525.2	0.02	0.1			
2020/21-4	Lab	LCS, rec	6/3/2021	Pesticide	EPTC	n/a	=	115	%	EPA 525.2	-88	-88	70	130	
2020/21-4	Lab	LCS dup	6/4/2021	Pesticide	EPTC	n/a	=	5.63	µg/L	EPA 525.2	0.02	0.1			
2020/21-4	Lab	LCS dup, rec	6/4/2021	Pesticide	EPTC	n/a	=	113	%	EPA 525.2	-88	-88	70	130	
2020/21-4	Lab	LCS, RPD	6/4/2021	Pesticide	EPTC	n/a	=	2	%	EPA 525.2	-88	-88	0	30	
2020/21-4	Lab	method blank	6/4/2021	Pesticide	EPTC	n/a	<	0.02	µg/L	EPA 525.2	0.02	0.1			
2020/21-4	Lab	LCS	6/4/2021	Pesticide	EPTC	n/a	=	5.6	µg/L	EPA 525.2	0.02	0.1			
2020/21-4	Lab	LCS, rec	6/4/2021	Pesticide	EPTC	n/a	=	112	%	EPA 525.2	-88	-88	70	130	
2020/21-4	Lab	LCS dup	6/4/2021	Pesticide	EPTC	n/a	=	5.73	µg/L	EPA 525.2	0.02	0.1			
2020/21-4	Lab	LCS dup, rec	6/4/2021	Pesticide	EPTC	n/a	=	115	%	EPA 525.2	-88	-88	70	130	
2020/21-4	Lab	LCS, RPD	6/4/2021	Pesticide	EPTC	n/a	=	2	%	EPA 525.2	-88	-88	0	30	
2020/21-4	Lab	method blank	5/3/2021	Pesticide	Ethoprop	n/a	<	0.0067	µg/L	EPA 625.1m	0.0067	0.01			
2020/21-4	Lab	LCS	5/3/2021	Pesticide	Ethoprop	n/a	=	0.0551	µg/L	EPA 625.1m	0.0067	0.01			
2020/21-4	Lab	LCS, rec	5/3/2021	Pesticide	Ethoprop	n/a	=	110	%	EPA 625.1m	-88	-88	50	150	
2020/21-4	Lab	method blank	5/5/2021	Pesticide	Ethoprop	n/a	<	0.0067	µg/L	EPA 625.1m	0.0067	0.01			
2020/21-4	Lab	LCS	5/5/2021	Pesticide	Ethoprop	n/a	=	0.0603	µg/L	EPA 625.1m	0.0067	0.01			
2020/21-4	Lab	LCS, rec	5/5/2021	Pesticide	Ethoprop	n/a	=	121	%	EPA 625.1m	-88	-88	50	150	
2020/21-4	Lab	method blank	5/20/2021	Pesticide	Ethoprop	n/a	<	0.0067	µg/L	EPA 625.1m	0.0067	0.01			
2020/21-4	Lab	LCS	5/20/2021	Pesticide	Ethoprop	n/a	=	0.0551	µg/L	EPA 625.1m	0.0067	0.01			
2020/21-4	Lab	LCS, rec	5/20/2021	Pesticide	Ethoprop	n/a	=	110	%	EPA 625.1m	-88	-88	50	150	
2020/21-4	ME-CC	matrix spike	5/5/2021	Pesticide	Ethoprop	n/a	=	0.0597	µg/L	EPA 625.1m	0.0067	0.01			
2020/21-4	ME-CC	matrix spike, rec	5/5/2021	Pesticide	Ethoprop	n/a	=	119	%	EPA 625.1m	-88	-88	50	150	
2020/21-4	ME-CC	matrix spike dup	5/5/2021	Pesticide	Ethoprop	n/a	=	0.0505	µg/L	EPA 625.1m	0.0067	0.01			
2020/21-4	ME-CC	matrix spike dup, rec	5/5/2021	Pesticide	Ethoprop	n/a	=	101	%	EPA 625.1m	-88	-88	50	150	
2020/21-4	ME-CC	matrix spike, RPD	5/5/2021	Pesticide	Ethoprop	n/a	=	17	%	EPA 625.1m	-88	-88	0	30	
2020/21-4	ME-SCR	matrix spike	5/3/2021	Pesticide	Ethoprop	n/a	=	0.0606	µg/L	EPA 625.1m	0.0067	0.01			
2020/21-4	ME-SCR	matrix spike, rec	5/3/2021	Pesticide	Ethoprop	n/a	=	121	%	EPA 625.1m	-88	-88	50	150	
2020/21-4	ME-SCR	matrix spike dup	5/3/2021	Pesticide	Ethoprop	n/a	=	0.0554	µg/L	EPA 625.1m	0.0067	0.01			
2020/21-4	ME-SCR	matrix spike dup, rec	5/3/2021	Pesticide	Ethoprop	n/a	=	111	%	EPA 625.1m	-88	-88	50	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	
2020/21-4	ME-SCR	matrix spike, RPD	5/3/2021	Pesticide	Ethoprop	n/a	=	9	%	EPA 625.1m	-88	-88	0	30	
2020/21-4	MO-HUE	matrix spike	5/20/2021	Pesticide	Ethoprop	n/a	=	0.0555	µg/L	EPA 625.1m	0.0067	0.01			
2020/21-4	MO-HUE	matrix spike, rec	5/20/2021	Pesticide	Ethoprop	n/a	=	111	%	EPA 625.1m	-88	-88	50	150	
2020/21-4	MO-HUE	matrix spike dup	5/20/2021	Pesticide	Ethoprop	n/a	=	0.0716	µg/L	EPA 625.1m	0.0067	0.01			
2020/21-4	MO-HUE	matrix spike dup, rec	5/20/2021	Pesticide	Ethoprop	n/a	=	143	%	EPA 625.1m	-88	-88	50	150	
2020/21-4	MO-HUE	matrix spike, RPD	5/20/2021	Pesticide	Ethoprop	n/a	=	25	%	EPA 625.1m	-88	-88	0	30	
2020/21-4	Lab	method blank	5/3/2021	Pesticide	Ethyl parathion	n/a	<	0.0054	µg/L	EPA 625.1m	0.0054	0.01			
2020/21-4	Lab	LCS	5/3/2021	Pesticide	Ethyl parathion	n/a	=	0.0494	µg/L	EPA 625.1m	0.0054	0.01			
2020/21-4	Lab	LCS, rec	5/3/2021	Pesticide	Ethyl parathion	n/a	=	99	%	EPA 625.1m	-88	-88	9	216	
2020/21-4	Lab	method blank	5/5/2021	Pesticide	Ethyl parathion	n/a	<	0.0054	µg/L	EPA 625.1m	0.0054	0.01			
2020/21-4	Lab	LCS	5/5/2021	Pesticide	Ethyl parathion	n/a	=	0.0461	µg/L	EPA 625.1m	0.0054	0.01			
2020/21-4	Lab	LCS, rec	5/5/2021	Pesticide	Ethyl parathion	n/a	=	92	%	EPA 625.1m	-88	-88	9	216	
2020/21-4	Lab	method blank	5/20/2021	Pesticide	Ethyl parathion	n/a	<	0.0054	µg/L	EPA 625.1m	0.0054	0.01			
2020/21-4	Lab	LCS	5/20/2021	Pesticide	Ethyl parathion	n/a	=	0.0474	µg/L	EPA 625.1m	0.0054	0.01			
2020/21-4	Lab	LCS, rec	5/20/2021	Pesticide	Ethyl parathion	n/a	=	95	%	EPA 625.1m	-88	-88	9	216	
2020/21-4	ME-CC	matrix spike	5/5/2021	Pesticide	Ethyl parathion	n/a	=	0.0525	µg/L	EPA 625.1m	0.0054	0.01			
2020/21-4	ME-CC	matrix spike, rec	5/5/2021	Pesticide	Ethyl parathion	n/a	=	105	%	EPA 625.1m	-88	-88	26	201	
2020/21-4	ME-CC	matrix spike dup	5/5/2021	Pesticide	Ethyl parathion	n/a	=	0.0446	µg/L	EPA 625.1m	0.0054	0.01			
2020/21-4	ME-CC	matrix spike dup, rec	5/5/2021	Pesticide	Ethyl parathion	n/a	=	89	%	EPA 625.1m	-88	-88	26	201	
2020/21-4	ME-CC	matrix spike, RPD	5/5/2021	Pesticide	Ethyl parathion	n/a	=	16	%	EPA 625.1m	-88	-88	0	30	
2020/21-4	ME-SCR	matrix spike	5/3/2021	Pesticide	Ethyl parathion	n/a	=	0.0501	µg/L	EPA 625.1m	0.0054	0.01			
2020/21-4	ME-SCR	matrix spike, rec	5/3/2021	Pesticide	Ethyl parathion	n/a	=	100	%	EPA 625.1m	-88	-88	26	201	
2020/21-4	ME-SCR	matrix spike dup	5/3/2021	Pesticide	Ethyl parathion	n/a	=	0.0508	µg/L	EPA 625.1m	0.0054	0.01			
2020/21-4	ME-SCR	matrix spike dup, rec	5/3/2021	Pesticide	Ethyl parathion	n/a	=	102	%	EPA 625.1m	-88	-88	26	201	
2020/21-4	ME-SCR	matrix spike, RPD	5/3/2021	Pesticide	Ethyl parathion	n/a	=	1	%	EPA 625.1m	-88	-88	0	30	
2020/21-4	MO-HUE	matrix spike	5/20/2021	Pesticide	Ethyl parathion	n/a	=	0.0468	µg/L	EPA 625.1m	0.0054	0.01			
2020/21-4	MO-HUE	matrix spike, rec	5/20/2021	Pesticide	Ethyl parathion	n/a	=	94	%	EPA 625.1m	-88	-88	26	201	
2020/21-4	MO-HUE	matrix spike dup	5/20/2021	Pesticide	Ethyl parathion	n/a	=	0.0651	µg/L	EPA 625.1m	0.0054	0.01			IL
2020/21-4	MO-HUE	matrix spike dup, rec	5/20/2021	Pesticide	Ethyl parathion	n/a	=	130	%	EPA 625.1m	-88	-88	26	201	IL
2020/21-4	MO-HUE	matrix spike, RPD	5/20/2021	Pesticide	Ethyl parathion	n/a	=	33	%	EPA 625.1m	-88	-88	0	30	IL
2020/21-4	Lab	method blank	5/3/2021	Pesticide	Fensulfothion	n/a	<	0.0029	µg/L	EPA 625.1m	0.0029	0.01			
2020/21-4	Lab	LCS	5/3/2021	Pesticide	Fensulfothion	n/a	=	0.0977	µg/L	EPA 625.1m	0.0029	0.01			
2020/21-4	Lab	LCS, rec	5/3/2021	Pesticide	Fensulfothion	n/a	=	195	%	EPA 625.1m	-88	-88	0.1	249	
2020/21-4	Lab	method blank	5/5/2021	Pesticide	Fensulfothion	n/a	<	0.0029	µg/L	EPA 625.1m	0.0029	0.01			
2020/21-4	Lab	LCS	5/5/2021	Pesticide	Fensulfothion	n/a	=	0.0867	µg/L	EPA 625.1m	0.0029	0.01			
2020/21-4	Lab	LCS, rec	5/5/2021	Pesticide	Fensulfothion	n/a	=	173	%	EPA 625.1m	-88	-88	0.1	249	
2020/21-4	Lab	method blank	5/20/2021	Pesticide	Fensulfothion	n/a	<	0.0029	µg/L	EPA 625.1m	0.0029	0.01			
2020/21-4	Lab	LCS	5/20/2021	Pesticide	Fensulfothion	n/a	=	0.0666	µg/L	EPA 625.1m	0.0029	0.01			
2020/21-4	Lab	LCS, rec	5/20/2021	Pesticide	Fensulfothion	n/a	=	133	%	EPA 625.1m	-88	-88	0.1	249	
2020/21-4	ME-CC	matrix spike	5/5/2021	Pesticide	Fensulfothion	n/a	=	0.079	µg/L	EPA 625.1m	0.0029	0.01			
2020/21-4	ME-CC	matrix spike, rec	5/5/2021	Pesticide	Fensulfothion	n/a	=	158	%	EPA 625.1m	-88	-88	0.1	231	
2020/21-4	ME-CC	matrix spike dup	5/5/2021	Pesticide	Fensulfothion	n/a	=	0.088	µg/L	EPA 625.1m	0.0029	0.01			
2020/21-4	ME-CC	matrix spike dup, rec	5/5/2021	Pesticide	Fensulfothion	n/a	=	176	%	EPA 625.1m	-88	-88	0.1	231	
2020/21-4	ME-CC	matrix spike, RPD	5/5/2021	Pesticide	Fensulfothion	n/a	=	11	%	EPA 625.1m	-88	-88	0	30	
2020/21-4	ME-SCR	matrix spike	5/3/2021	Pesticide	Fensulfothion	n/a	=	0.0858	µg/L	EPA 625.1m	0.0029	0.01			
2020/21-4	ME-SCR	matrix spike, rec	5/3/2021	Pesticide	Fensulfothion	n/a	=	172	%	EPA 625.1m	-88	-88	0.1	231	
2020/21-4	ME-SCR	matrix spike dup	5/3/2021	Pesticide	Fensulfothion	n/a	=	0.103	µg/L	EPA 625.1m	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	
2020/21-4	ME-SCR	matrix spike dup, rec	5/3/2021	Pesticide	Fensulfothion	n/a	=	205	%	EPA 625.1m	-88	-88	0.1	231	
2020/21-4	ME-SCR	matrix spike, RPD	5/3/2021	Pesticide	Fensulfothion	n/a	=	18	%	EPA 625.1m	-88	-88	0	30	
2020/21-4	MO-HUE	matrix spike	5/20/2021	Pesticide	Fensulfothion	n/a	=	0.0741	µg/L	EPA 625.1m	0.0029	0.01			
2020/21-4	MO-HUE	matrix spike, rec	5/20/2021	Pesticide	Fensulfothion	n/a	=	148	%	EPA 625.1m	-88	-88	0.1	231	
2020/21-4	MO-HUE	matrix spike dup	5/20/2021	Pesticide	Fensulfothion	n/a	=	0.0909	µg/L	EPA 625.1m	0.0029	0.01			
2020/21-4	MO-HUE	matrix spike dup, rec	5/20/2021	Pesticide	Fensulfothion	n/a	=	182	%	EPA 625.1m	-88	-88	0.1	231	
2020/21-4	MO-HUE	matrix spike, RPD	5/20/2021	Pesticide	Fensulfothion	n/a	=	20	%	EPA 625.1m	-88	-88	0	30	
2020/21-4	Lab	method blank	5/3/2021	Pesticide	Fenthion	n/a	<	0.0038	µg/L	EPA 625.1m	0.0038	0.01			
2020/21-4	Lab	LCS	5/3/2021	Pesticide	Fenthion	n/a	=	0.0593	µg/L	EPA 625.1m	0.0038	0.01			
2020/21-4	Lab	LCS, rec	5/3/2021	Pesticide	Fenthion	n/a	=	119	%	EPA 625.1m	-88	-88	37	154	
2020/21-4	Lab	method blank	5/5/2021	Pesticide	Fenthion	n/a	<	0.0038	µg/L	EPA 625.1m	0.0038	0.01			
2020/21-4	Lab	LCS	5/5/2021	Pesticide	Fenthion	n/a	=	0.0596	µg/L	EPA 625.1m	0.0038	0.01			
2020/21-4	Lab	LCS, rec	5/5/2021	Pesticide	Fenthion	n/a	=	119	%	EPA 625.1m	-88	-88	37	154	
2020/21-4	Lab	method blank	5/20/2021	Pesticide	Fenthion	n/a	<	0.0038	µg/L	EPA 625.1m	0.0038	0.01			
2020/21-4	Lab	LCS	5/20/2021	Pesticide	Fenthion	n/a	=	0.0548	µg/L	EPA 625.1m	0.0038	0.01			
2020/21-4	Lab	LCS, rec	5/20/2021	Pesticide	Fenthion	n/a	=	110	%	EPA 625.1m	-88	-88	37	154	
2020/21-4	ME-CC	matrix spike	5/5/2021	Pesticide	Fenthion	n/a	=	0.0561	µg/L	EPA 625.1m	0.0038	0.01			
2020/21-4	ME-CC	matrix spike, rec	5/5/2021	Pesticide	Fenthion	n/a	=	112	%	EPA 625.1m	-88	-88	27	164	
2020/21-4	ME-CC	matrix spike dup	5/5/2021	Pesticide	Fenthion	n/a	=	0.0533	µg/L	EPA 625.1m	0.0038	0.01			
2020/21-4	ME-CC	matrix spike dup, rec	5/5/2021	Pesticide	Fenthion	n/a	=	107	%	EPA 625.1m	-88	-88	27	164	
2020/21-4	ME-CC	matrix spike, RPD	5/5/2021	Pesticide	Fenthion	n/a	=	5	%	EPA 625.1m	-88	-88	0	30	
2020/21-4	ME-SCR	matrix spike	5/3/2021	Pesticide	Fenthion	n/a	=	0.0629	µg/L	EPA 625.1m	0.0038	0.01			
2020/21-4	ME-SCR	matrix spike, rec	5/3/2021	Pesticide	Fenthion	n/a	=	126	%	EPA 625.1m	-88	-88	27	164	
2020/21-4	ME-SCR	matrix spike dup	5/3/2021	Pesticide	Fenthion	n/a	=	0.0611	µg/L	EPA 625.1m	0.0038	0.01			
2020/21-4	ME-SCR	matrix spike dup, rec	5/3/2021	Pesticide	Fenthion	n/a	=	122	%	EPA 625.1m	-88	-88	27	164	
2020/21-4	ME-SCR	matrix spike, RPD	5/3/2021	Pesticide	Fenthion	n/a	=	3	%	EPA 625.1m	-88	-88	0	30	
2020/21-4	MO-HUE	matrix spike	5/20/2021	Pesticide	Fenthion	n/a	=	0.0569	µg/L	EPA 625.1m	0.0038	0.01			
2020/21-4	MO-HUE	matrix spike, rec	5/20/2021	Pesticide	Fenthion	n/a	=	114	%	EPA 625.1m	-88	-88	27	164	
2020/21-4	MO-HUE	matrix spike dup	5/20/2021	Pesticide	Fenthion	n/a	=	0.0527	µg/L	EPA 625.1m	0.0038	0.01			
2020/21-4	MO-HUE	matrix spike dup, rec	5/20/2021	Pesticide	Fenthion	n/a	=	105	%	EPA 625.1m	-88	-88	27	164	
2020/21-4	MO-HUE	matrix spike, RPD	5/20/2021	Pesticide	Fenthion	n/a	=	8	%	EPA 625.1m	-88	-88	0	30	
2020/21-4	000NONPJ	matrix spike	5/7/2021	Pesticide	gamma-BHC (Lindane)	n/a	DNQ	4	µg/L	EPA 608.3	0.1	5			
2020/21-4	000NONPJ	matrix spike, rec	5/7/2021	Pesticide	gamma-BHC (Lindane)	n/a	=	80	%	EPA 608.3	-88	-88	32	140	
2020/21-4	000NONPJ	matrix spike dup	5/7/2021	Pesticide	gamma-BHC (Lindane)	n/a	DNQ	4.67	µg/L	EPA 608.3	0.1	5			
2020/21-4	000NONPJ	matrix spike dup, rec	5/7/2021	Pesticide	gamma-BHC (Lindane)	n/a	=	93	%	EPA 608.3	-88	-88	32	140	
2020/21-4	000NONPJ	matrix spike, RPD	5/7/2021	Pesticide	gamma-BHC (Lindane)	n/a	=	16	%	EPA 608.3	-88	-88	0	30	
2020/21-4	Lab	method blank	5/7/2021	Pesticide	gamma-BHC (Lindane)	n/a	<	0.0004	µg/L	EPA 608.3	0.0004	0.02			
2020/21-4	Lab	LCS	5/7/2021	Pesticide	gamma-BHC (Lindane)	n/a	=	0.102	µg/L	EPA 608.3	0.0004	0.02			
2020/21-4	Lab	LCS, rec	5/7/2021	Pesticide	gamma-BHC (Lindane)	n/a	=	102	%	EPA 608.3	-88	-88	43	130	
2020/21-4	Lab	method blank	5/8/2021	Pesticide	gamma-BHC (Lindane)	n/a	<	0.0004	µg/L	EPA 608.3	0.0004	0.02			
2020/21-4	Lab	LCS	5/8/2021	Pesticide	gamma-BHC (Lindane)	n/a	=	0.0925	µg/L	EPA 608.3	0.0004	0.02			
2020/21-4	Lab	LCS, rec	5/8/2021	Pesticide	gamma-BHC (Lindane)	n/a	=	93	%	EPA 608.3	-88	-88	43	130	
2020/21-4	Lab	LCS dup	5/8/2021	Pesticide	gamma-BHC (Lindane)	n/a	=	0.0916	µg/L	EPA 608.3	0.0004	0.02			
2020/21-4	Lab	LCS dup, rec	5/8/2021	Pesticide	gamma-BHC (Lindane)	n/a	=	92	%	EPA 608.3	-88	-88	43	130	
2020/21-4	Lab	LCS, RPD	5/8/2021	Pesticide	gamma-BHC (Lindane)	n/a	=	1	%	EPA 608.3	-88	-88	0	30	
2020/21-4	Lab	method blank	6/5/2021	Pesticide	gamma-BHC (Lindane)	n/a	<	0.0004	µg/L	EPA 608.3	0.0004	0.02			
2020/21-4	Lab	LCS	6/5/2021	Pesticide	gamma-BHC (Lindane)	n/a	=	0.0863	µg/L	EPA 608.3	0.0004	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	
2020/21-4	Lab	LCS, rec	6/5/2021	Pesticide	gamma-BHC (Lindane)	n/a	=	86	%	EPA 608.3	-88	-88	43	130	
2020/21-4	Lab	LCS dup	6/5/2021	Pesticide	gamma-BHC (Lindane)	n/a	=	0.0956	µg/L	EPA 608.3	0.0004	0.02			
2020/21-4	Lab	LCS dup, rec	6/5/2021	Pesticide	gamma-BHC (Lindane)	n/a	=	96	%	EPA 608.3	-88	-88	43	130	
2020/21-4	Lab	LCS, RPD	6/5/2021	Pesticide	gamma-BHC (Lindane)	n/a	=	10	%	EPA 608.3	-88	-88	0	30	
2020/21-4	Lab	method blank	5/7/2021	Pesticide	gamma-Chlordane	n/a	<	0.0023	µg/L	EPA 608.3	0.0023	0.01			
2020/21-4	Lab	method blank	5/8/2021	Pesticide	gamma-Chlordane	n/a	<	0.0023	µg/L	EPA 608.3	0.0023	0.01			
2020/21-4	Lab	method blank	6/5/2021	Pesticide	gamma-Chlordane	n/a	<	0.0023	µg/L	EPA 608.3	0.0023	0.01			
2020/21-4	000NONPJ	matrix spike	5/3/2021	Pesticide	Glyphosate	n/a	=	29.7	µg/L	EPA 547	1.8	5			
2020/21-4	000NONPJ	matrix spike, rec	5/3/2021	Pesticide	Glyphosate	n/a	=	119	%	EPA 547	-88	-88	41	149	
2020/21-4	000NONPJ	matrix spike dup	5/3/2021	Pesticide	Glyphosate	n/a	=	35.4	µg/L	EPA 547	1.8	5			
2020/21-4	000NONPJ	matrix spike dup, rec	5/3/2021	Pesticide	Glyphosate	n/a	=	142	%	EPA 547	-88	-88	41	149	
2020/21-4	000NONPJ	matrix spike, RPD	5/3/2021	Pesticide	Glyphosate	n/a	=	18	%	EPA 547	-88	-88	0	30	
2020/21-4	000NONPJ	matrix spike	5/3/2021	Pesticide	Glyphosate	n/a	=	29.3	µg/L	EPA 547	1.8	5			
2020/21-4	000NONPJ	matrix spike, rec	5/3/2021	Pesticide	Glyphosate	n/a	=	117	%	EPA 547	-88	-88	41	149	
2020/21-4	000NONPJ	matrix spike dup	5/3/2021	Pesticide	Glyphosate	n/a	=	31.6	µg/L	EPA 547	1.8	5			
2020/21-4	000NONPJ	matrix spike dup, rec	5/3/2021	Pesticide	Glyphosate	n/a	=	127	%	EPA 547	-88	-88	41	149	
2020/21-4	000NONPJ	matrix spike, RPD	5/3/2021	Pesticide	Glyphosate	n/a	=	8	%	EPA 547	-88	-88	0	30	
2020/21-4	000NONPJ	matrix spike	5/3/2021	Pesticide	Glyphosate	n/a	=	28.6	µg/L	EPA 547	1.8	5			
2020/21-4	000NONPJ	matrix spike, rec	5/3/2021	Pesticide	Glyphosate	n/a	=	114	%	EPA 547	-88	-88	41	149	
2020/21-4	000NONPJ	matrix spike dup	5/3/2021	Pesticide	Glyphosate	n/a	=	30.8	µg/L	EPA 547	1.8	5			
2020/21-4	000NONPJ	matrix spike dup, rec	5/3/2021	Pesticide	Glyphosate	n/a	=	123	%	EPA 547	-88	-88	41	149	
2020/21-4	000NONPJ	matrix spike, RPD	5/3/2021	Pesticide	Glyphosate	n/a	=	8	%	EPA 547	-88	-88	0	30	
2020/21-4	000NONPJ	matrix spike	5/14/2021	Pesticide	Glyphosate	n/a	=	27.7	µg/L	EPA 547	1.8	5			
2020/21-4	000NONPJ	matrix spike, rec	5/14/2021	Pesticide	Glyphosate	n/a	=	111	%	EPA 547	-88	-88	41	149	
2020/21-4	000NONPJ	matrix spike dup	5/14/2021	Pesticide	Glyphosate	n/a	=	26.3	µg/L	EPA 547	1.8	5			
2020/21-4	000NONPJ	matrix spike dup, rec	5/14/2021	Pesticide	Glyphosate	n/a	=	105	%	EPA 547	-88	-88	41	149	
2020/21-4	000NONPJ	matrix spike, RPD	5/14/2021	Pesticide	Glyphosate	n/a	=	5	%	EPA 547	-88	-88	0	30	
2020/21-4	000NONPJ	matrix spike	5/14/2021	Pesticide	Glyphosate	n/a	=	32.5	µg/L	EPA 547	1.8	5			
2020/21-4	000NONPJ	matrix spike, rec	5/14/2021	Pesticide	Glyphosate	n/a	=	130	%	EPA 547	-88	-88	41	149	
2020/21-4	000NONPJ	matrix spike dup	5/14/2021	Pesticide	Glyphosate	n/a	=	29.6	µg/L	EPA 547	1.8	5			
2020/21-4	000NONPJ	matrix spike dup, rec	5/14/2021	Pesticide	Glyphosate	n/a	=	119	%	EPA 547	-88	-88	41	149	
2020/21-4	000NONPJ	matrix spike, RPD	5/14/2021	Pesticide	Glyphosate	n/a	=	9	%	EPA 547	-88	-88	0	30	
2020/21-4	Lab	method blank	5/3/2021	Pesticide	Glyphosate	n/a	<	1.8	µg/L	EPA 547	1.8	5			
2020/21-4	Lab	LCS	5/3/2021	Pesticide	Glyphosate	n/a	=	27.7	µg/L	EPA 547	1.8	5			
2020/21-4	Lab	LCS, rec	5/3/2021	Pesticide	Glyphosate	n/a	=	111	%	EPA 547	-88	-88	70	130	
2020/21-4	Lab	method blank	5/3/2021	Pesticide	Glyphosate	n/a	<	1.8	µg/L	EPA 547	1.8	5			
2020/21-4	Lab	LCS	5/3/2021	Pesticide	Glyphosate	n/a	=	29.6	µg/L	EPA 547	1.8	5			
2020/21-4	Lab	LCS, rec	5/3/2021	Pesticide	Glyphosate	n/a	=	118	%	EPA 547	-88	-88	70	130	
2020/21-4	Lab	method blank	5/14/2021	Pesticide	Glyphosate	n/a	<	1.8	µg/L	EPA 547	1.8	5			
2020/21-4	Lab	LCS	5/14/2021	Pesticide	Glyphosate	n/a	=	27.9	µg/L	EPA 547	1.8	5			
2020/21-4	Lab	LCS, rec	5/14/2021	Pesticide	Glyphosate	n/a	=	112	%	EPA 547	-88	-88	70	130	
2020/21-4	000NONPJ	matrix spike	5/7/2021	Pesticide	Heptachlor	n/a	=	3.7	µg/L	EPA 608.3	0.15	2.5			
2020/21-4	000NONPJ	matrix spike, rec	5/7/2021	Pesticide	Heptachlor	n/a	=	74	%	EPA 608.3	-88	-88	34	140	
2020/21-4	000NONPJ	matrix spike dup	5/7/2021	Pesticide	Heptachlor	n/a	=	4.32	µg/L	EPA 608.3	0.15	2.5			
2020/21-4	000NONPJ	matrix spike dup, rec	5/7/2021	Pesticide	Heptachlor	n/a	=	86	%	EPA 608.3	-88	-88	34	140	
2020/21-4	000NONPJ	matrix spike, RPD	5/7/2021	Pesticide	Heptachlor	n/a	=	16	%	EPA 608.3	-88	-88	0	30	
2020/21-4	Lab	method blank	5/7/2021	Pesticide	Heptachlor	n/a	<	0.0006	µg/L	EPA 608.3	0.0006	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	
2020/21-4	Lab	LCS	5/7/2021	Pesticide	Heptachlor	n/a	=	0.105	µg/L	EPA 608.3	0.0006	0.01			
2020/21-4	Lab	LCS, rec	5/7/2021	Pesticide	Heptachlor	n/a	=	105	%	EPA 608.3	-88	-88	43	130	
2020/21-4	Lab	method blank	5/8/2021	Pesticide	Heptachlor	n/a	<	0.0006	µg/L	EPA 608.3	0.0006	0.01			
2020/21-4	Lab	LCS	5/8/2021	Pesticide	Heptachlor	n/a	=	0.0928	µg/L	EPA 608.3	0.0006	0.01			
2020/21-4	Lab	LCS, rec	5/8/2021	Pesticide	Heptachlor	n/a	=	93	%	EPA 608.3	-88	-88	43	130	
2020/21-4	Lab	LCS dup	5/8/2021	Pesticide	Heptachlor	n/a	=	0.0922	µg/L	EPA 608.3	0.0006	0.01			
2020/21-4	Lab	LCS dup, rec	5/8/2021	Pesticide	Heptachlor	n/a	=	92	%	EPA 608.3	-88	-88	43	130	
2020/21-4	Lab	LCS, RPD	5/8/2021	Pesticide	Heptachlor	n/a	=	0.7	%	EPA 608.3	-88	-88	0	30	
2020/21-4	Lab	method blank	6/5/2021	Pesticide	Heptachlor	n/a	<	0.0006	µg/L	EPA 608.3	0.0006	0.01			
2020/21-4	Lab	LCS	6/5/2021	Pesticide	Heptachlor	n/a	=	0.0867	µg/L	EPA 608.3	0.0006	0.01			
2020/21-4	Lab	LCS, rec	6/5/2021	Pesticide	Heptachlor	n/a	=	87	%	EPA 608.3	-88	-88	43	130	
2020/21-4	Lab	LCS dup	6/5/2021	Pesticide	Heptachlor	n/a	=	0.0955	µg/L	EPA 608.3	0.0006	0.01			
2020/21-4	Lab	LCS dup, rec	6/5/2021	Pesticide	Heptachlor	n/a	=	95	%	EPA 608.3	-88	-88	43	130	
2020/21-4	Lab	LCS, RPD	6/5/2021	Pesticide	Heptachlor	n/a	=	10	%	EPA 608.3	-88	-88	0	30	
2020/21-4	000NONPJ	matrix spike	5/7/2021	Pesticide	Heptachlor epoxide	n/a	=	3.52	µg/L	EPA 608.3	0.1	2.5			
2020/21-4	000NONPJ	matrix spike, rec	5/7/2021	Pesticide	Heptachlor epoxide	n/a	=	70	%	EPA 608.3	-88	-88	37	142	
2020/21-4	000NONPJ	matrix spike dup	5/7/2021	Pesticide	Heptachlor epoxide	n/a	=	4.03	µg/L	EPA 608.3	0.1	2.5			
2020/21-4	000NONPJ	matrix spike dup, rec	5/7/2021	Pesticide	Heptachlor epoxide	n/a	=	81	%	EPA 608.3	-88	-88	37	142	
2020/21-4	000NONPJ	matrix spike, RPD	5/7/2021	Pesticide	Heptachlor epoxide	n/a	=	14	%	EPA 608.3	-88	-88	0	30	
2020/21-4	Lab	method blank	5/7/2021	Pesticide	Heptachlor epoxide	n/a	<	0.0004	µg/L	EPA 608.3	0.0004	0.01			
2020/21-4	Lab	LCS	5/7/2021	Pesticide	Heptachlor epoxide	n/a	=	0.101	µg/L	EPA 608.3	0.0004	0.01			
2020/21-4	Lab	LCS, rec	5/7/2021	Pesticide	Heptachlor epoxide	n/a	=	101	%	EPA 608.3	-88	-88	57	132	
2020/21-4	Lab	method blank	5/8/2021	Pesticide	Heptachlor epoxide	n/a	<	0.0004	µg/L	EPA 608.3	0.0004	0.01			
2020/21-4	Lab	LCS	5/8/2021	Pesticide	Heptachlor epoxide	n/a	=	0.0938	µg/L	EPA 608.3	0.0004	0.01			
2020/21-4	Lab	LCS, rec	5/8/2021	Pesticide	Heptachlor epoxide	n/a	=	94	%	EPA 608.3	-88	-88	57	132	
2020/21-4	Lab	LCS dup	5/8/2021	Pesticide	Heptachlor epoxide	n/a	=	0.0912	µg/L	EPA 608.3	0.0004	0.01			
2020/21-4	Lab	LCS dup, rec	5/8/2021	Pesticide	Heptachlor epoxide	n/a	=	91	%	EPA 608.3	-88	-88	57	132	
2020/21-4	Lab	LCS, RPD	5/8/2021	Pesticide	Heptachlor epoxide	n/a	=	3	%	EPA 608.3	-88	-88	0	30	
2020/21-4	Lab	method blank	6/5/2021	Pesticide	Heptachlor epoxide	n/a	<	0.0004	µg/L	EPA 608.3	0.0004	0.01			
2020/21-4	Lab	LCS	6/5/2021	Pesticide	Heptachlor epoxide	n/a	=	0.0883	µg/L	EPA 608.3	0.0004	0.01			
2020/21-4	Lab	LCS, rec	6/5/2021	Pesticide	Heptachlor epoxide	n/a	=	88	%	EPA 608.3	-88	-88	57	132	
2020/21-4	Lab	LCS dup	6/5/2021	Pesticide	Heptachlor epoxide	n/a	=	0.0936	µg/L	EPA 608.3	0.0004	0.01			
2020/21-4	Lab	LCS dup, rec	6/5/2021	Pesticide	Heptachlor epoxide	n/a	=	94	%	EPA 608.3	-88	-88	57	132	
2020/21-4	Lab	LCS, RPD	6/5/2021	Pesticide	Heptachlor epoxide	n/a	=	6	%	EPA 608.3	-88	-88	0	30	
2020/21-4	Lab	method blank	5/3/2021	Pesticide	Malathion	n/a	<	0.0076	µg/L	EPA 625.1m	0.0076	0.01			
2020/21-4	Lab	LCS	5/3/2021	Pesticide	Malathion	n/a	=	0.0789	µg/L	EPA 625.1m	0.0076	0.01			
2020/21-4	Lab	LCS, rec	5/3/2021	Pesticide	Malathion	n/a	=	158	%	EPA 625.1m	-88	-88	18	163	
2020/21-4	Lab	method blank	5/5/2021	Pesticide	Malathion	n/a	<	0.0076	µg/L	EPA 625.1m	0.0076	0.01			
2020/21-4	Lab	LCS	5/5/2021	Pesticide	Malathion	n/a	=	0.0852	µg/L	EPA 625.1m	0.0076	0.01			EUM
2020/21-4	Lab	LCS, rec	5/5/2021	Pesticide	Malathion	n/a	=	170	%	EPA 625.1m	-88	-88	18	163	EUM
2020/21-4	Lab	method blank	5/20/2021	Pesticide	Malathion	n/a	<	0.0076	µg/L	EPA 625.1m	0.0076	0.01			
2020/21-4	Lab	LCS	5/20/2021	Pesticide	Malathion	n/a	=	0.0661	µg/L	EPA 625.1m	0.0076	0.01			
2020/21-4	Lab	LCS, rec	5/20/2021	Pesticide	Malathion	n/a	=	132	%	EPA 625.1m	-88	-88	18	163	
2020/21-4	ME-CC	matrix spike	5/5/2021	Pesticide	Malathion	n/a	=	0.0778	µg/L	EPA 625.1m	0.0076	0.01			
2020/21-4	ME-CC	matrix spike, rec	5/5/2021	Pesticide	Malathion	n/a	=	156	%	EPA 625.1m	-88	-88	15	161	
2020/21-4	ME-CC	matrix spike dup	5/5/2021	Pesticide	Malathion	n/a	=	0.0703	µg/L	EPA 625.1m	0.0076	0.01			
2020/21-4	ME-CC	matrix spike dup, rec	5/5/2021	Pesticide	Malathion	n/a	=	141	%	EPA 625.1m	-88	-88	15	161	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2020/21-4	ME-CC	matrix spike, RPD	5/5/2021	Pesticide	Malathion	n/a	=	10	%	EPA 625.1m	-88	-88	0	30	
2020/21-4	ME-SCR	matrix spike	5/3/2021	Pesticide	Malathion	n/a	=	0.0833	µg/L	EPA 625.1m	0.0076	0.01			GB
2020/21-4	ME-SCR	matrix spike, rec	5/3/2021	Pesticide	Malathion	n/a	=	167	%	EPA 625.1m	-88	-88	15	161	GB
2020/21-4	ME-SCR	matrix spike dup	5/3/2021	Pesticide	Malathion	n/a	=	0.0844	µg/L	EPA 625.1m	0.0076	0.01			GB
2020/21-4	ME-SCR	matrix spike dup, rec	5/3/2021	Pesticide	Malathion	n/a	=	169	%	EPA 625.1m	-88	-88	15	161	GB
2020/21-4	ME-SCR	matrix spike, RPD	5/3/2021	Pesticide	Malathion	n/a	=	1	%	EPA 625.1m	-88	-88	0	30	
2020/21-4	MO-HUE	matrix spike	5/20/2021	Pesticide	Malathion	n/a	=	0.0685	µg/L	EPA 625.1m	0.0076	0.01			
2020/21-4	MO-HUE	matrix spike, rec	5/20/2021	Pesticide	Malathion	n/a	=	137	%	EPA 625.1m	-88	-88	15	161	
2020/21-4	MO-HUE	matrix spike dup	5/20/2021	Pesticide	Malathion	n/a	=	0.0931	µg/L	EPA 625.1m	0.0076	0.01			GB
2020/21-4	MO-HUE	matrix spike dup, rec	5/20/2021	Pesticide	Malathion	n/a	=	186	%	EPA 625.1m	-88	-88	15	161	GB
2020/21-4	MO-HUE	matrix spike, RPD	5/20/2021	Pesticide	Malathion	n/a	=	30	%	EPA 625.1m	-88	-88	0	30	
2020/21-4	Lab	method blank	5/3/2021	Pesticide	Merphos	n/a	<	0.0058	µg/L	EPA 625.1m	0.0058	0.01			
2020/21-4	Lab	LCS	5/3/2021	Pesticide	Merphos	n/a	=	0.0808	µg/L	EPA 625.1m	0.0058	0.01			
2020/21-4	Lab	LCS, rec	5/3/2021	Pesticide	Merphos	n/a	=	162	%	EPA 625.1m	-88	-88	16	175	
2020/21-4	Lab	method blank	5/5/2021	Pesticide	Merphos	n/a	<	0.0058	µg/L	EPA 625.1m	0.0058	0.01			
2020/21-4	Lab	LCS	5/5/2021	Pesticide	Merphos	n/a	=	0.0744	µg/L	EPA 625.1m	0.0058	0.01			
2020/21-4	Lab	LCS, rec	5/5/2021	Pesticide	Merphos	n/a	=	149	%	EPA 625.1m	-88	-88	16	175	
2020/21-4	Lab	method blank	5/20/2021	Pesticide	Merphos	n/a	<	0.0058	µg/L	EPA 625.1m	0.0058	0.01			
2020/21-4	Lab	LCS	5/20/2021	Pesticide	Merphos	n/a	=	0.0561	µg/L	EPA 625.1m	0.0058	0.01			
2020/21-4	Lab	LCS, rec	5/20/2021	Pesticide	Merphos	n/a	=	112	%	EPA 625.1m	-88	-88	16	175	
2020/21-4	ME-CC	matrix spike	5/5/2021	Pesticide	Merphos	n/a	=	0.0614	µg/L	EPA 625.1m	0.0058	0.01			
2020/21-4	ME-CC	matrix spike, rec	5/5/2021	Pesticide	Merphos	n/a	=	123	%	EPA 625.1m	-88	-88	4	191	
2020/21-4	ME-CC	matrix spike dup	5/5/2021	Pesticide	Merphos	n/a	=	0.0598	µg/L	EPA 625.1m	0.0058	0.01			
2020/21-4	ME-CC	matrix spike dup, rec	5/5/2021	Pesticide	Merphos	n/a	=	120	%	EPA 625.1m	-88	-88	4	191	
2020/21-4	ME-CC	matrix spike, RPD	5/5/2021	Pesticide	Merphos	n/a	=	3	%	EPA 625.1m	-88	-88	0	30	
2020/21-4	ME-SCR	matrix spike	5/3/2021	Pesticide	Merphos	n/a	=	0.0708	µg/L	EPA 625.1m	0.0058	0.01			
2020/21-4	ME-SCR	matrix spike, rec	5/3/2021	Pesticide	Merphos	n/a	=	142	%	EPA 625.1m	-88	-88	4	191	
2020/21-4	ME-SCR	matrix spike dup	5/3/2021	Pesticide	Merphos	n/a	=	0.0783	µg/L	EPA 625.1m	0.0058	0.01			
2020/21-4	ME-SCR	matrix spike dup, rec	5/3/2021	Pesticide	Merphos	n/a	=	157	%	EPA 625.1m	-88	-88	4	191	
2020/21-4	ME-SCR	matrix spike, RPD	5/3/2021	Pesticide	Merphos	n/a	=	10	%	EPA 625.1m	-88	-88	0	30	
2020/21-4	MO-HUE	matrix spike	5/20/2021	Pesticide	Merphos	n/a	=	0.0596	µg/L	EPA 625.1m	0.0058	0.01			
2020/21-4	MO-HUE	matrix spike, rec	5/20/2021	Pesticide	Merphos	n/a	=	119	%	EPA 625.1m	-88	-88	4	191	
2020/21-4	MO-HUE	matrix spike dup	5/20/2021	Pesticide	Merphos	n/a	=	0.0779	µg/L	EPA 625.1m	0.0058	0.01			
2020/21-4	MO-HUE	matrix spike dup, rec	5/20/2021	Pesticide	Merphos	n/a	=	156	%	EPA 625.1m	-88	-88	4	191	
2020/21-4	MO-HUE	matrix spike, RPD	5/20/2021	Pesticide	Merphos	n/a	=	27	%	EPA 625.1m	-88	-88	0	30	
2020/21-4	Lab	method blank	5/3/2021	Pesticide	Methyl parathion	n/a	<	0.0063	µg/L	EPA 625.1m	0.0063	0.01			
2020/21-4	Lab	LCS	5/3/2021	Pesticide	Methyl parathion	n/a	=	0.0549	µg/L	EPA 625.1m	0.0063	0.01			
2020/21-4	Lab	LCS, rec	5/3/2021	Pesticide	Methyl parathion	n/a	=	110	%	EPA 625.1m	-88	-88	3	224	
2020/21-4	Lab	method blank	5/5/2021	Pesticide	Methyl parathion	n/a	<	0.0063	µg/L	EPA 625.1m	0.0063	0.01			
2020/21-4	Lab	LCS	5/5/2021	Pesticide	Methyl parathion	n/a	=	0.0531	µg/L	EPA 625.1m	0.0063	0.01			
2020/21-4	Lab	LCS, rec	5/5/2021	Pesticide	Methyl parathion	n/a	=	106	%	EPA 625.1m	-88	-88	3	224	
2020/21-4	Lab	method blank	5/20/2021	Pesticide	Methyl parathion	n/a	<	0.0063	µg/L	EPA 625.1m	0.0063	0.01			
2020/21-4	Lab	LCS	5/20/2021	Pesticide	Methyl parathion	n/a	=	0.0509	µg/L	EPA 625.1m	0.0063	0.01			
2020/21-4	Lab	LCS, rec	5/20/2021	Pesticide	Methyl parathion	n/a	=	102	%	EPA 625.1m	-88	-88	3	224	
2020/21-4	ME-CC	matrix spike	5/5/2021	Pesticide	Methyl parathion	n/a	=	0.0563	µg/L	EPA 625.1m	0.0063	0.01			
2020/21-4	ME-CC	matrix spike, rec	5/5/2021	Pesticide	Methyl parathion	n/a	=	113	%	EPA 625.1m	-88	-88	10	213	
2020/21-4	ME-CC	matrix spike dup	5/5/2021	Pesticide	Methyl parathion	n/a	=	0.0498	µg/L	EPA 625.1m	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	
2020/21-4	ME-CC	matrix spike dup, rec	5/5/2021	Pesticide	Methyl parathion	n/a	=	100	%	EPA 625.1m	-88	-88	10	213	
2020/21-4	ME-CC	matrix spike, RPD	5/5/2021	Pesticide	Methyl parathion	n/a	=	12	%	EPA 625.1m	-88	-88	0	30	
2020/21-4	ME-SCR	matrix spike	5/3/2021	Pesticide	Methyl parathion	n/a	=	0.0579	µg/L	EPA 625.1m	0.0063	0.01			
2020/21-4	ME-SCR	matrix spike, rec	5/3/2021	Pesticide	Methyl parathion	n/a	=	116	%	EPA 625.1m	-88	-88	10	213	
2020/21-4	ME-SCR	matrix spike dup	5/3/2021	Pesticide	Methyl parathion	n/a	=	0.0558	µg/L	EPA 625.1m	0.0063	0.01			
2020/21-4	ME-SCR	matrix spike dup, rec	5/3/2021	Pesticide	Methyl parathion	n/a	=	112	%	EPA 625.1m	-88	-88	10	213	
2020/21-4	ME-SCR	matrix spike, RPD	5/3/2021	Pesticide	Methyl parathion	n/a	=	4	%	EPA 625.1m	-88	-88	0	30	
2020/21-4	MO-HUE	matrix spike	5/20/2021	Pesticide	Methyl parathion	n/a	=	0.0531	µg/L	EPA 625.1m	0.0063	0.01			
2020/21-4	MO-HUE	matrix spike, rec	5/20/2021	Pesticide	Methyl parathion	n/a	=	106	%	EPA 625.1m	-88	-88	10	213	
2020/21-4	MO-HUE	matrix spike dup	5/20/2021	Pesticide	Methyl parathion	n/a	=	0.0713	µg/L	EPA 625.1m	0.0063	0.01			
2020/21-4	MO-HUE	matrix spike dup, rec	5/20/2021	Pesticide	Methyl parathion	n/a	=	143	%	EPA 625.1m	-88	-88	10	213	
2020/21-4	MO-HUE	matrix spike, RPD	5/20/2021	Pesticide	Methyl parathion	n/a	=	29	%	EPA 625.1m	-88	-88	0	30	
2020/21-4	Lab	method blank	5/11/2021	Pesticide	Metolachlor	n/a	=	0.249	µg/L	EPA 525.2	0.03	0.1			IP
2020/21-4	Lab	LCS	5/11/2021	Pesticide	Metolachlor	n/a	=	5.5	µg/L	EPA 525.2	0.03	0.1			
2020/21-4	Lab	LCS, rec	5/11/2021	Pesticide	Metolachlor	n/a	=	110	%	EPA 525.2	-88	-88	60	130	
2020/21-4	Lab	LCS dup	5/11/2021	Pesticide	Metolachlor	n/a	=	7.17	µg/L	EPA 525.2	0.03	0.1			EUM
2020/21-4	Lab	LCS dup, rec	5/11/2021	Pesticide	Metolachlor	n/a	=	143	%	EPA 525.2	-88	-88	60	130	EUM
2020/21-4	Lab	LCS, RPD	5/11/2021	Pesticide	Metolachlor	n/a	=	26	%	EPA 525.2	-88	-88	0	30	
2020/21-4	Lab	method blank	5/13/2021	Pesticide	Metolachlor	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1			
2020/21-4	Lab	LCS	5/13/2021	Pesticide	Metolachlor	n/a	=	5.64	µg/L	EPA 525.2	0.03	0.1			
2020/21-4	Lab	LCS, rec	5/13/2021	Pesticide	Metolachlor	n/a	=	113	%	EPA 525.2	-88	-88	60	130	
2020/21-4	Lab	LCS dup	5/13/2021	Pesticide	Metolachlor	n/a	=	6.12	µg/L	EPA 525.2	0.03	0.1			
2020/21-4	Lab	LCS dup, rec	5/13/2021	Pesticide	Metolachlor	n/a	=	122	%	EPA 525.2	-88	-88	60	130	
2020/21-4	Lab	LCS, RPD	5/13/2021	Pesticide	Metolachlor	n/a	=	8	%	EPA 525.2	-88	-88	0	30	
2020/21-4	Lab	method blank	6/3/2021	Pesticide	Metolachlor	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1			
2020/21-4	Lab	LCS	6/3/2021	Pesticide	Metolachlor	n/a	=	5.45	µg/L	EPA 525.2	0.03	0.1			
2020/21-4	Lab	LCS, rec	6/3/2021	Pesticide	Metolachlor	n/a	=	109	%	EPA 525.2	-88	-88	60	130	
2020/21-4	Lab	LCS dup	6/3/2021	Pesticide	Metolachlor	n/a	=	5.65	µg/L	EPA 525.2	0.03	0.1			
2020/21-4	Lab	LCS dup, rec	6/3/2021	Pesticide	Metolachlor	n/a	=	113	%	EPA 525.2	-88	-88	60	130	
2020/21-4	Lab	LCS, RPD	6/3/2021	Pesticide	Metolachlor	n/a	=	4	%	EPA 525.2	-88	-88	0	30	
2020/21-4	Lab	method blank	6/3/2021	Pesticide	Metolachlor	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1			
2020/21-4	Lab	LCS	6/3/2021	Pesticide	Metolachlor	n/a	=	5.71	µg/L	EPA 525.2	0.03	0.1			
2020/21-4	Lab	LCS, rec	6/3/2021	Pesticide	Metolachlor	n/a	=	114	%	EPA 525.2	-88	-88	60	130	
2020/21-4	Lab	LCS dup	6/4/2021	Pesticide	Metolachlor	n/a	=	5.91	µg/L	EPA 525.2	0.03	0.1			
2020/21-4	Lab	LCS dup, rec	6/4/2021	Pesticide	Metolachlor	n/a	=	118	%	EPA 525.2	-88	-88	60	130	
2020/21-4	Lab	LCS, RPD	6/4/2021	Pesticide	Metolachlor	n/a	=	3	%	EPA 525.2	-88	-88	0	30	
2020/21-4	Lab	method blank	6/4/2021	Pesticide	Metolachlor	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1			
2020/21-4	Lab	LCS	6/4/2021	Pesticide	Metolachlor	n/a	=	5.64	µg/L	EPA 525.2	0.03	0.1			
2020/21-4	Lab	LCS, rec	6/4/2021	Pesticide	Metolachlor	n/a	=	113	%	EPA 525.2	-88	-88	60	130	
2020/21-4	Lab	LCS dup	6/4/2021	Pesticide	Metolachlor	n/a	=	5.72	µg/L	EPA 525.2	0.03	0.1			
2020/21-4	Lab	LCS dup, rec	6/4/2021	Pesticide	Metolachlor	n/a	=	114	%	EPA 525.2	-88	-88	60	130	
2020/21-4	Lab	LCS, RPD	6/4/2021	Pesticide	Metolachlor	n/a	=	1	%	EPA 525.2	-88	-88	0	30	
2020/21-4	Lab	method blank	5/11/2021	Pesticide	Metribuzin	n/a	=	0.212	µg/L	EPA 525.2	0.03	0.1			IP
2020/21-4	Lab	LCS	5/11/2021	Pesticide	Metribuzin	n/a	=	4.75	µg/L	EPA 525.2	0.03	0.1			
2020/21-4	Lab	LCS, rec	5/11/2021	Pesticide	Metribuzin	n/a	=	95	%	EPA 525.2	-88	-88	50	120	
2020/21-4	Lab	LCS dup	5/11/2021	Pesticide	Metribuzin	n/a	=	6.26	µg/L	EPA 525.2	0.03	0.1			EUM
2020/21-4	Lab	LCS dup, rec	5/11/2021	Pesticide	Metribuzin	n/a	=	125	%	EPA 525.2	-88	-88	50	120	EUM

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2020/21-4	Lab	LCS, RPD	5/11/2021	Pesticide	Metribuzin	n/a	=	27	%	EPA 525.2	-88	-88	0	30	
2020/21-4	Lab	method blank	5/13/2021	Pesticide	Metribuzin	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1			
2020/21-4	Lab	LCS	5/13/2021	Pesticide	Metribuzin	n/a	=	6.22	µg/L	EPA 525.2	0.03	0.1			EUM
2020/21-4	Lab	LCS, rec	5/13/2021	Pesticide	Metribuzin	n/a	=	124	%	EPA 525.2	-88	-88	50	120	EUM
2020/21-4	Lab	LCS dup	5/13/2021	Pesticide	Metribuzin	n/a	=	6.89	µg/L	EPA 525.2	0.03	0.1			EUM
2020/21-4	Lab	LCS dup, rec	5/13/2021	Pesticide	Metribuzin	n/a	=	138	%	EPA 525.2	-88	-88	50	120	EUM
2020/21-4	Lab	LCS, RPD	5/13/2021	Pesticide	Metribuzin	n/a	=	10	%	EPA 525.2	-88	-88	0	30	
2020/21-4	Lab	method blank	6/3/2021	Pesticide	Metribuzin	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1			
2020/21-4	Lab	LCS	6/3/2021	Pesticide	Metribuzin	n/a	=	5.2	µg/L	EPA 525.2	0.03	0.1			
2020/21-4	Lab	LCS, rec	6/3/2021	Pesticide	Metribuzin	n/a	=	104	%	EPA 525.2	-88	-88	50	120	
2020/21-4	Lab	LCS dup	6/3/2021	Pesticide	Metribuzin	n/a	=	5.51	µg/L	EPA 525.2	0.03	0.1			
2020/21-4	Lab	LCS dup, rec	6/3/2021	Pesticide	Metribuzin	n/a	=	110	%	EPA 525.2	-88	-88	50	120	
2020/21-4	Lab	LCS, RPD	6/3/2021	Pesticide	Metribuzin	n/a	=	6	%	EPA 525.2	-88	-88	0	30	
2020/21-4	Lab	method blank	6/3/2021	Pesticide	Metribuzin	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1			
2020/21-4	Lab	LCS	6/3/2021	Pesticide	Metribuzin	n/a	=	5.1	µg/L	EPA 525.2	0.03	0.1			
2020/21-4	Lab	LCS, rec	6/3/2021	Pesticide	Metribuzin	n/a	=	102	%	EPA 525.2	-88	-88	50	120	
2020/21-4	Lab	LCS dup	6/4/2021	Pesticide	Metribuzin	n/a	=	5.59	µg/L	EPA 525.2	0.03	0.1			
2020/21-4	Lab	LCS dup, rec	6/4/2021	Pesticide	Metribuzin	n/a	=	112	%	EPA 525.2	-88	-88	50	120	
2020/21-4	Lab	LCS, RPD	6/4/2021	Pesticide	Metribuzin	n/a	=	9	%	EPA 525.2	-88	-88	0	30	
2020/21-4	Lab	method blank	6/4/2021	Pesticide	Metribuzin	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1			
2020/21-4	Lab	LCS	6/4/2021	Pesticide	Metribuzin	n/a	=	5.16	µg/L	EPA 525.2	0.03	0.1			
2020/21-4	Lab	LCS, rec	6/4/2021	Pesticide	Metribuzin	n/a	=	103	%	EPA 525.2	-88	-88	50	120	
2020/21-4	Lab	LCS dup	6/4/2021	Pesticide	Metribuzin	n/a	=	5.36	µg/L	EPA 525.2	0.03	0.1			
2020/21-4	Lab	LCS dup, rec	6/4/2021	Pesticide	Metribuzin	n/a	=	107	%	EPA 525.2	-88	-88	50	120	
2020/21-4	Lab	LCS, RPD	6/4/2021	Pesticide	Metribuzin	n/a	=	4	%	EPA 525.2	-88	-88	0	30	
2020/21-4	Lab	method blank	5/3/2021	Pesticide	Mevinphos	n/a	<	0.0042	µg/L	EPA 625.1m	0.0042	0.01			
2020/21-4	Lab	LCS	5/3/2021	Pesticide	Mevinphos	n/a	=	0.0453	µg/L	EPA 625.1m	0.0042	0.01			
2020/21-4	Lab	LCS, rec	5/3/2021	Pesticide	Mevinphos	n/a	=	91	%	EPA 625.1m	-88	-88	8	186	
2020/21-4	Lab	method blank	5/5/2021	Pesticide	Mevinphos	n/a	<	0.0042	µg/L	EPA 625.1m	0.0042	0.01			
2020/21-4	Lab	LCS	5/5/2021	Pesticide	Mevinphos	n/a	=	0.0529	µg/L	EPA 625.1m	0.0042	0.01			
2020/21-4	Lab	LCS, rec	5/5/2021	Pesticide	Mevinphos	n/a	=	106	%	EPA 625.1m	-88	-88	8	186	
2020/21-4	Lab	method blank	5/20/2021	Pesticide	Mevinphos	n/a	<	0.0042	µg/L	EPA 625.1m	0.0042	0.01			
2020/21-4	Lab	LCS	5/20/2021	Pesticide	Mevinphos	n/a	=	0.0467	µg/L	EPA 625.1m	0.0042	0.01			
2020/21-4	Lab	LCS, rec	5/20/2021	Pesticide	Mevinphos	n/a	=	93	%	EPA 625.1m	-88	-88	8	186	
2020/21-4	ME-CC	matrix spike	5/5/2021	Pesticide	Mevinphos	n/a	=	0.0511	µg/L	EPA 625.1m	0.0042	0.01			
2020/21-4	ME-CC	matrix spike, rec	5/5/2021	Pesticide	Mevinphos	n/a	=	102	%	EPA 625.1m	-88	-88	0.1	204	
2020/21-4	ME-CC	matrix spike dup	5/5/2021	Pesticide	Mevinphos	n/a	=	0.046	µg/L	EPA 625.1m	0.0042	0.01			
2020/21-4	ME-CC	matrix spike dup, rec	5/5/2021	Pesticide	Mevinphos	n/a	=	92	%	EPA 625.1m	-88	-88	0.1	204	
2020/21-4	ME-CC	matrix spike, RPD	5/5/2021	Pesticide	Mevinphos	n/a	=	10	%	EPA 625.1m	-88	-88	0	30	
2020/21-4	ME-SCR	matrix spike	5/3/2021	Pesticide	Mevinphos	n/a	=	0.0506	µg/L	EPA 625.1m	0.0042	0.01			
2020/21-4	ME-SCR	matrix spike, rec	5/3/2021	Pesticide	Mevinphos	n/a	=	101	%	EPA 625.1m	-88	-88	0.1	204	
2020/21-4	ME-SCR	matrix spike dup	5/3/2021	Pesticide	Mevinphos	n/a	=	0.0463	µg/L	EPA 625.1m	0.0042	0.01			
2020/21-4	ME-SCR	matrix spike dup, rec	5/3/2021	Pesticide	Mevinphos	n/a	=	93	%	EPA 625.1m	-88	-88	0.1	204	
2020/21-4	ME-SCR	matrix spike, RPD	5/3/2021	Pesticide	Mevinphos	n/a	=	9	%	EPA 625.1m	-88	-88	0	30	
2020/21-4	MO-HUE	matrix spike	5/20/2021	Pesticide	Mevinphos	n/a	=	0.0456	µg/L	EPA 625.1m	0.0042	0.01			
2020/21-4	MO-HUE	matrix spike, rec	5/20/2021	Pesticide	Mevinphos	n/a	=	91	%	EPA 625.1m	-88	-88	0.1	204	
2020/21-4	MO-HUE	matrix spike dup	5/20/2021	Pesticide	Mevinphos	n/a	=	0.0576	µg/L	EPA 625.1m	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	
2020/21-4	MO-HUE	matrix spike dup. rec	5/20/2021	Pesticide	Mevinphos	n/a	=	115	%	EPA 625.1m	-88	-88	0.1	204	
2020/21-4	MO-HUE	matrix spike, RPD	5/20/2021	Pesticide	Mevinphos	n/a	=	23	%	EPA 625.1m	-88	-88	0	30	
2020/21-4	Lab	method blank	5/11/2021	Pesticide	Molinate	n/a	=	0.251	µg/L	EPA 525.2	0.03	0.1			IP
2020/21-4	Lab	LCS	5/11/2021	Pesticide	Molinate	n/a	=	6.03	µg/L	EPA 525.2	0.03	0.1			
2020/21-4	Lab	LCS, rec	5/11/2021	Pesticide	Molinate	n/a	=	121	%	EPA 525.2	-88	-88	70	130	
2020/21-4	Lab	LCS dup	5/11/2021	Pesticide	Molinate	n/a	=	5.82	µg/L	EPA 525.2	0.03	0.1			
2020/21-4	Lab	LCS dup, rec	5/11/2021	Pesticide	Molinate	n/a	=	116	%	EPA 525.2	-88	-88	70	130	
2020/21-4	Lab	LCS, RPD	5/11/2021	Pesticide	Molinate	n/a	=	4	%	EPA 525.2	-88	-88	0	30	
2020/21-4	Lab	method blank	5/13/2021	Pesticide	Molinate	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1			
2020/21-4	Lab	LCS	5/13/2021	Pesticide	Molinate	n/a	=	6.45	µg/L	EPA 525.2	0.03	0.1			
2020/21-4	Lab	LCS, rec	5/13/2021	Pesticide	Molinate	n/a	=	129	%	EPA 525.2	-88	-88	70	130	
2020/21-4	Lab	LCS dup	5/13/2021	Pesticide	Molinate	n/a	=	5.86	µg/L	EPA 525.2	0.03	0.1			
2020/21-4	Lab	LCS dup, rec	5/13/2021	Pesticide	Molinate	n/a	=	117	%	EPA 525.2	-88	-88	70	130	
2020/21-4	Lab	LCS, RPD	5/13/2021	Pesticide	Molinate	n/a	=	10	%	EPA 525.2	-88	-88	0	30	
2020/21-4	Lab	method blank	6/3/2021	Pesticide	Molinate	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1			
2020/21-4	Lab	LCS	6/3/2021	Pesticide	Molinate	n/a	=	5.34	µg/L	EPA 525.2	0.03	0.1			
2020/21-4	Lab	LCS, rec	6/3/2021	Pesticide	Molinate	n/a	=	107	%	EPA 525.2	-88	-88	70	130	
2020/21-4	Lab	LCS dup	6/3/2021	Pesticide	Molinate	n/a	=	5.31	µg/L	EPA 525.2	0.03	0.1			
2020/21-4	Lab	LCS dup, rec	6/3/2021	Pesticide	Molinate	n/a	=	106	%	EPA 525.2	-88	-88	70	130	
2020/21-4	Lab	LCS, RPD	6/3/2021	Pesticide	Molinate	n/a	=	0.5	%	EPA 525.2	-88	-88	0	30	
2020/21-4	Lab	method blank	6/3/2021	Pesticide	Molinate	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1			
2020/21-4	Lab	LCS	6/3/2021	Pesticide	Molinate	n/a	=	5.44	µg/L	EPA 525.2	0.03	0.1			
2020/21-4	Lab	LCS, rec	6/3/2021	Pesticide	Molinate	n/a	=	109	%	EPA 525.2	-88	-88	70	130	
2020/21-4	Lab	LCS dup	6/4/2021	Pesticide	Molinate	n/a	=	5.32	µg/L	EPA 525.2	0.03	0.1			
2020/21-4	Lab	LCS dup, rec	6/4/2021	Pesticide	Molinate	n/a	=	106	%	EPA 525.2	-88	-88	70	130	
2020/21-4	Lab	LCS, RPD	6/4/2021	Pesticide	Molinate	n/a	=	2	%	EPA 525.2	-88	-88	0	30	
2020/21-4	Lab	method blank	6/4/2021	Pesticide	Molinate	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1			
2020/21-4	Lab	LCS	6/4/2021	Pesticide	Molinate	n/a	=	5.35	µg/L	EPA 525.2	0.03	0.1			
2020/21-4	Lab	LCS, rec	6/4/2021	Pesticide	Molinate	n/a	=	107	%	EPA 525.2	-88	-88	70	130	
2020/21-4	Lab	LCS dup	6/4/2021	Pesticide	Molinate	n/a	=	5.54	µg/L	EPA 525.2	0.03	0.1			
2020/21-4	Lab	LCS dup, rec	6/4/2021	Pesticide	Molinate	n/a	=	111	%	EPA 525.2	-88	-88	70	130	
2020/21-4	Lab	LCS, RPD	6/4/2021	Pesticide	Molinate	n/a	=	4	%	EPA 525.2	-88	-88	0	30	
2020/21-4	Lab	method blank	5/3/2021	Pesticide	Naled	n/a	<	0.0076	µg/L	EPA 625.1m	0.0076	0.01			
2020/21-4	Lab	LCS	5/3/2021	Pesticide	Naled	n/a	=	0.0689	µg/L	EPA 625.1m	0.0076	0.01			
2020/21-4	Lab	LCS, rec	5/3/2021	Pesticide	Naled	n/a	=	138	%	EPA 625.1m	-88	-88	0.1	207	
2020/21-4	Lab	method blank	5/5/2021	Pesticide	Naled	n/a	<	0.0076	µg/L	EPA 625.1m	0.0076	0.01			
2020/21-4	Lab	LCS	5/5/2021	Pesticide	Naled	n/a	=	0.0501	µg/L	EPA 625.1m	0.0076	0.01			
2020/21-4	Lab	LCS, rec	5/5/2021	Pesticide	Naled	n/a	=	100	%	EPA 625.1m	-88	-88	0.1	207	
2020/21-4	Lab	method blank	5/20/2021	Pesticide	Naled	n/a	<	0.0076	µg/L	EPA 625.1m	0.0076	0.01			
2020/21-4	Lab	LCS	5/20/2021	Pesticide	Naled	n/a	=	0.0534	µg/L	EPA 625.1m	0.0076	0.01			
2020/21-4	Lab	LCS, rec	5/20/2021	Pesticide	Naled	n/a	=	107	%	EPA 625.1m	-88	-88	0.1	207	
2020/21-4	ME-CC	matrix spike	5/5/2021	Pesticide	Naled	n/a	=	0.0728	µg/L	EPA 625.1m	0.0076	0.01			
2020/21-4	ME-CC	matrix spike, rec	5/5/2021	Pesticide	Naled	n/a	=	146	%	EPA 625.1m	-88	-88	0.1	206	
2020/21-4	ME-CC	matrix spike dup	5/5/2021	Pesticide	Naled	n/a	=	0.0544	µg/L	EPA 625.1m	0.0076	0.01			
2020/21-4	ME-CC	matrix spike dup, rec	5/5/2021	Pesticide	Naled	n/a	=	109	%	EPA 625.1m	-88	-88	0.1	206	
2020/21-4	ME-CC	matrix spike, RPD	5/5/2021	Pesticide	Naled	n/a	=	29	%	EPA 625.1m	-88	-88	0	30	
2020/21-4	ME-SCR	matrix spike	5/3/2021	Pesticide	Naled	n/a	=	0.0866	µg/L	EPA 625.1m	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	
2020/21-4	ME-SCR	matrix spike, rec	5/3/2021	Pesticide	Naled	n/a	=	173	%	EPA 625.1m	-88	-88	0.1	206	
2020/21-4	ME-SCR	matrix spike dup	5/3/2021	Pesticide	Naled	n/a	=	0.079	µg/L	EPA 625.1m	0.0076	0.01			
2020/21-4	ME-SCR	matrix spike dup, rec	5/3/2021	Pesticide	Naled	n/a	=	158	%	EPA 625.1m	-88	-88	0.1	206	
2020/21-4	ME-SCR	matrix spike, RPD	5/3/2021	Pesticide	Naled	n/a	=	9	%	EPA 625.1m	-88	-88	0	30	
2020/21-4	MO-HUE	matrix spike	5/20/2021	Pesticide	Naled	n/a	=	0.0352	µg/L	EPA 625.1m	0.0076	0.01			
2020/21-4	MO-HUE	matrix spike, rec	5/20/2021	Pesticide	Naled	n/a	=	70	%	EPA 625.1m	-88	-88	0.1	206	
2020/21-4	MO-HUE	matrix spike dup	5/20/2021	Pesticide	Naled	n/a	=	0.0264	µg/L	EPA 625.1m	0.0076	0.01			
2020/21-4	MO-HUE	matrix spike dup, rec	5/20/2021	Pesticide	Naled	n/a	=	53	%	EPA 625.1m	-88	-88	0.1	206	
2020/21-4	MO-HUE	matrix spike, RPD	5/20/2021	Pesticide	Naled	n/a	=	29	%	EPA 625.1m	-88	-88	0	30	
2020/21-4	000NONPJ	matrix spike	5/5/2021	Pesticide	Pentachlorophenol	n/a	=	3.94	µg/L	EPA 515.4	0.046	0.2			
2020/21-4	000NONPJ	matrix spike, rec	5/5/2021	Pesticide	Pentachlorophenol	n/a	=	98	%	EPA 515.4	-88	-88	70	130	
2020/21-4	000NONPJ	matrix spike dup	5/5/2021	Pesticide	Pentachlorophenol	n/a	=	3.78	µg/L	EPA 515.4	0.046	0.2			
2020/21-4	000NONPJ	matrix spike dup, rec	5/5/2021	Pesticide	Pentachlorophenol	n/a	=	95	%	EPA 515.4	-88	-88	70	130	
2020/21-4	000NONPJ	matrix spike, RPD	5/5/2021	Pesticide	Pentachlorophenol	n/a	=	4	%	EPA 515.4	-88	-88	0	30	
2020/21-4	000NONPJ	matrix spike	5/22/2021	Pesticide	Pentachlorophenol	n/a	=	4.04	µg/L	EPA 515.4	0.046	0.2			
2020/21-4	000NONPJ	matrix spike, rec	5/22/2021	Pesticide	Pentachlorophenol	n/a	=	101	%	EPA 515.4	-88	-88	70	130	
2020/21-4	000NONPJ	matrix spike dup	5/23/2021	Pesticide	Pentachlorophenol	n/a	=	4.12	µg/L	EPA 515.4	0.046	0.2			
2020/21-4	000NONPJ	matrix spike dup, rec	5/23/2021	Pesticide	Pentachlorophenol	n/a	=	103	%	EPA 515.4	-88	-88	70	130	
2020/21-4	000NONPJ	matrix spike, RPD	5/23/2021	Pesticide	Pentachlorophenol	n/a	=	2	%	EPA 515.4	-88	-88	0	30	
2020/21-4	Lab	method blank	5/5/2021	Pesticide	Pentachlorophenol	n/a	<	0.046	µg/L	EPA 515.4	0.046	0.2			
2020/21-4	Lab	LCS	5/5/2021	Pesticide	Pentachlorophenol	n/a	=	4.21	µg/L	EPA 515.4	0.046	0.2			
2020/21-4	Lab	LCS, rec	5/5/2021	Pesticide	Pentachlorophenol	n/a	=	105	%	EPA 515.4	-88	-88	70	130	
2020/21-4	Lab	LCS, rec	5/18/2021	Pesticide	Pentachlorophenol	n/a	=	8.94	µg/L	EPA 625.1	0.4	1			
2020/21-4	Lab	LCS, rec	5/18/2021	Pesticide	Pentachlorophenol	n/a	=	89	%	EPA 625.1	-88	-88	41	120	
2020/21-4	Lab	LCS dup	5/18/2021	Pesticide	Pentachlorophenol	n/a	=	8.19	µg/L	EPA 625.1	0.4	1			
2020/21-4	Lab	LCS dup, rec	5/18/2021	Pesticide	Pentachlorophenol	n/a	=	82	%	EPA 625.1	-88	-88	41	120	
2020/21-4	Lab	LCS, RPD	5/18/2021	Pesticide	Pentachlorophenol	n/a	=	9	%	EPA 625.1	-88	-88	0	30	
2020/21-4	Lab	method blank	5/18/2021	Pesticide	Pentachlorophenol	n/a	<	0.4	µg/L	EPA 625.1	0.4	1			
2020/21-4	Lab	method blank	5/22/2021	Pesticide	Pentachlorophenol	n/a	<	0.046	µg/L	EPA 515.4	0.046	0.2			
2020/21-4	Lab	LCS	5/22/2021	Pesticide	Pentachlorophenol	n/a	=	4.11	µg/L	EPA 515.4	0.046	0.2			
2020/21-4	Lab	LCS, rec	5/22/2021	Pesticide	Pentachlorophenol	n/a	=	103	%	EPA 515.4	-88	-88	70	130	
2020/21-4	Lab	method blank	5/24/2021	Pesticide	Pentachlorophenol	n/a	<	0.15	µg/L	EPA 8270C	0.15	1			
2020/21-4	Lab	LCS	5/24/2021	Pesticide	Pentachlorophenol	n/a	=	11.9	µg/L	EPA 8270C	0.15	1			EUM
2020/21-4	Lab	LCS, rec	5/24/2021	Pesticide	Pentachlorophenol	n/a	=	119	%	EPA 8270C	-88	-88	29	106	EUM
2020/21-4	Lab	LCS dup	5/24/2021	Pesticide	Pentachlorophenol	n/a	=	9.96	µg/L	EPA 8270C	0.15	1			
2020/21-4	Lab	LCS dup, rec	5/24/2021	Pesticide	Pentachlorophenol	n/a	=	100	%	EPA 8270C	-88	-88	29	106	
2020/21-4	Lab	LCS, RPD	5/24/2021	Pesticide	Pentachlorophenol	n/a	=	18	%	EPA 8270C	-88	-88	0	30	
2020/21-4	Lab	method blank	5/24/2021	Pesticide	Pentachlorophenol	n/a	<	0.15	µg/L	EPA 8270C	0.15	1			
2020/21-4	Lab	LCS	5/24/2021	Pesticide	Pentachlorophenol	n/a	=	9.53	µg/L	EPA 8270C	0.15	1			
2020/21-4	Lab	LCS, rec	5/24/2021	Pesticide	Pentachlorophenol	n/a	=	95	%	EPA 8270C	-88	-88	29	106	
2020/21-4	Lab	LCS dup	5/24/2021	Pesticide	Pentachlorophenol	n/a	=	10.2	µg/L	EPA 8270C	0.15	1			
2020/21-4	Lab	LCS dup, rec	5/24/2021	Pesticide	Pentachlorophenol	n/a	=	102	%	EPA 8270C	-88	-88	29	106	
2020/21-4	Lab	LCS, RPD	5/24/2021	Pesticide	Pentachlorophenol	n/a	=	6	%	EPA 8270C	-88	-88	0	30	
2020/21-4	Lab	method blank	5/25/2021	Pesticide	Pentachlorophenol	n/a	<	0.15	µg/L	EPA 8270C	0.15	1			
2020/21-4	Lab	LCS	5/25/2021	Pesticide	Pentachlorophenol	n/a	=	8.48	µg/L	EPA 8270C	0.15	1			
2020/21-4	Lab	LCS, rec	5/25/2021	Pesticide	Pentachlorophenol	n/a	=	85	%	EPA 8270C	-88	-88	29	106	
2020/21-4	Lab	LCS dup	5/25/2021	Pesticide	Pentachlorophenol	n/a	=	7.54	µg/L	EPA 8270C	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	
2020/21-4	Lab	LCS dup, rec	5/25/2021	Pesticide	Pentachlorophenol	n/a	=	75	%	EPA 8270C	-88	-88	29	106	
2020/21-4	Lab	LCS, RPD	5/25/2021	Pesticide	Pentachlorophenol	n/a	=	12	%	EPA 8270C	-88	-88	0	30	
2020/21-4	Lab	LCS	5/25/2021	Pesticide	Pentachlorophenol	n/a	=	7.29	µg/L	EPA 625.1	0.4	1			
2020/21-4	Lab	LCS, rec	5/25/2021	Pesticide	Pentachlorophenol	n/a	=	73	%	EPA 625.1	-88	-88	41	120	
2020/21-4	Lab	LCS dup	5/25/2021	Pesticide	Pentachlorophenol	n/a	=	7.67	µg/L	EPA 625.1	0.4	1			
2020/21-4	Lab	LCS dup, rec	5/25/2021	Pesticide	Pentachlorophenol	n/a	=	77	%	EPA 625.1	-88	-88	41	120	
2020/21-4	Lab	LCS, RPD	5/25/2021	Pesticide	Pentachlorophenol	n/a	=	5	%	EPA 625.1	-88	-88	0	30	
2020/21-4	Lab	method blank	5/25/2021	Pesticide	Pentachlorophenol	n/a	<	0.4	µg/L	EPA 625.1	0.4	1			
2020/21-4	Lab	LCS	5/26/2021	Pesticide	Pentachlorophenol	n/a	=	7.09	µg/L	EPA 625.1	0.4	1			
2020/21-4	Lab	LCS, rec	5/26/2021	Pesticide	Pentachlorophenol	n/a	=	71	%	EPA 625.1	-88	-88	41	120	
2020/21-4	Lab	LCS dup	5/26/2021	Pesticide	Pentachlorophenol	n/a	=	4.42	µg/L	EPA 625.1	0.4	1			IL
2020/21-4	Lab	LCS dup, rec	5/26/2021	Pesticide	Pentachlorophenol	n/a	=	44	%	EPA 625.1	-88	-88	41	120	IL
2020/21-4	Lab	LCS, RPD	5/26/2021	Pesticide	Pentachlorophenol	n/a	=	46	%	EPA 625.1	-88	-88	0	30	IL
2020/21-4	Lab	method blank	5/27/2021	Pesticide	Pentachlorophenol	n/a	<	0.4	µg/L	EPA 625.1	0.4	1			
2020/21-4	Lab	LCS	5/27/2021	Pesticide	Pentachlorophenol	n/a	=	6.44	µg/L	EPA 625.1	0.4	1			
2020/21-4	Lab	LCS, rec	5/27/2021	Pesticide	Pentachlorophenol	n/a	=	64	%	EPA 625.1	-88	-88	41	120	
2020/21-4	Lab	LCS dup	5/27/2021	Pesticide	Pentachlorophenol	n/a	=	6.73	µg/L	EPA 625.1	0.4	1			
2020/21-4	Lab	LCS dup, rec	5/27/2021	Pesticide	Pentachlorophenol	n/a	=	67	%	EPA 625.1	-88	-88	41	120	
2020/21-4	Lab	LCS, RPD	5/27/2021	Pesticide	Pentachlorophenol	n/a	=	4	%	EPA 625.1	-88	-88	0	30	
2020/21-4	Lab	method blank	5/27/2021	Pesticide	Pentachlorophenol	n/a	<	0.4	µg/L	EPA 625.1	0.4	1			
2020/21-4	Lab	LCS	6/1/2021	Pesticide	Pentachlorophenol	n/a	=	8.19	µg/L	EPA 625.1	0.4	1			
2020/21-4	Lab	LCS, rec	6/1/2021	Pesticide	Pentachlorophenol	n/a	=	82	%	EPA 625.1	-88	-88	41	120	
2020/21-4	Lab	LCS dup	6/1/2021	Pesticide	Pentachlorophenol	n/a	=	8.99	µg/L	EPA 625.1	0.4	1			
2020/21-4	Lab	LCS dup, rec	6/1/2021	Pesticide	Pentachlorophenol	n/a	=	90	%	EPA 625.1	-88	-88	41	120	
2020/21-4	Lab	LCS, RPD	6/1/2021	Pesticide	Pentachlorophenol	n/a	=	9	%	EPA 625.1	-88	-88	0	30	
2020/21-4	Lab	method blank	6/2/2021	Pesticide	Pentachlorophenol	n/a	<	0.4	µg/L	EPA 625.1	0.4	1			
2020/21-4	Lab	method blank	6/3/2021	Pesticide	Pentachlorophenol	n/a	<	0.15	µg/L	EPA 8270C	0.15	1			
2020/21-4	Lab	LCS	6/3/2021	Pesticide	Pentachlorophenol	n/a	=	8.01	µg/L	EPA 8270C	0.15	1			
2020/21-4	Lab	LCS, rec	6/3/2021	Pesticide	Pentachlorophenol	n/a	=	80	%	EPA 8270C	-88	-88	29	106	
2020/21-4	Lab	LCS dup	6/3/2021	Pesticide	Pentachlorophenol	n/a	=	8.18	µg/L	EPA 8270C	0.15	1			
2020/21-4	Lab	LCS dup, rec	6/3/2021	Pesticide	Pentachlorophenol	n/a	=	82	%	EPA 8270C	-88	-88	29	106	
2020/21-4	Lab	LCS, RPD	6/3/2021	Pesticide	Pentachlorophenol	n/a	=	2	%	EPA 8270C	-88	-88	0	30	
2020/21-4	Lab	method blank	5/3/2021	Pesticide	Phorate	n/a	<	0.003	µg/L	EPA 625.1m	0.003	0.01			
2020/21-4	Lab	LCS	5/3/2021	Pesticide	Phorate	n/a	=	0.0483	µg/L	EPA 625.1m	0.003	0.01			
2020/21-4	Lab	LCS, rec	5/3/2021	Pesticide	Phorate	n/a	=	97	%	EPA 625.1m	-88	-88	34	166	
2020/21-4	Lab	method blank	5/5/2021	Pesticide	Phorate	n/a	<	0.003	µg/L	EPA 625.1m	0.003	0.01			
2020/21-4	Lab	LCS	5/5/2021	Pesticide	Phorate	n/a	=	0.0538	µg/L	EPA 625.1m	0.003	0.01			
2020/21-4	Lab	LCS, rec	5/5/2021	Pesticide	Phorate	n/a	=	108	%	EPA 625.1m	-88	-88	34	166	
2020/21-4	Lab	method blank	5/20/2021	Pesticide	Phorate	n/a	<	0.003	µg/L	EPA 625.1m	0.003	0.01			
2020/21-4	Lab	LCS	5/20/2021	Pesticide	Phorate	n/a	=	0.0472	µg/L	EPA 625.1m	0.003	0.01			
2020/21-4	Lab	LCS, rec	5/20/2021	Pesticide	Phorate	n/a	=	94	%	EPA 625.1m	-88	-88	34	166	
2020/21-4	ME-CC	matrix spike	5/5/2021	Pesticide	Phorate	n/a	=	0.0546	µg/L	EPA 625.1m	0.003	0.01			
2020/21-4	ME-CC	matrix spike, rec	5/5/2021	Pesticide	Phorate	n/a	=	109	%	EPA 625.1m	-88	-88	33	172	
2020/21-4	ME-CC	matrix spike dup	5/5/2021	Pesticide	Phorate	n/a	=	0.0469	µg/L	EPA 625.1m	0.003	0.01			
2020/21-4	ME-CC	matrix spike dup, rec	5/5/2021	Pesticide	Phorate	n/a	=	94	%	EPA 625.1m	-88	-88	33	172	
2020/21-4	ME-CC	matrix spike, RPD	5/5/2021	Pesticide	Phorate	n/a	=	15	%	EPA 625.1m	-88	-88	0	30	
2020/21-4	ME-SCR	matrix spike	5/3/2021	Pesticide	Phorate	n/a	=	0.0532	µg/L	EPA 625.1m	0.003	0.01			

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													Min	Max	
2020/21-4	ME-SCR	matrix spike, rec	5/3/2021	Pesticide	Phorate	n/a	=	106	%	EPA 625.1m	-88	-88	33	172	
2020/21-4	ME-SCR	matrix spike dup	5/3/2021	Pesticide	Phorate	n/a	=	0.0486	µg/L	EPA 625.1m	0.003	0.01			
2020/21-4	ME-SCR	matrix spike dup, rec	5/3/2021	Pesticide	Phorate	n/a	=	97	%	EPA 625.1m	-88	-88	33	172	
2020/21-4	ME-SCR	matrix spike, RPD	5/3/2021	Pesticide	Phorate	n/a	=	9	%	EPA 625.1m	-88	-88	0	30	
2020/21-4	MO-HUE	matrix spike	5/20/2021	Pesticide	Phorate	n/a	=	0.0458	µg/L	EPA 625.1m	0.003	0.01			
2020/21-4	MO-HUE	matrix spike, rec	5/20/2021	Pesticide	Phorate	n/a	=	92	%	EPA 625.1m	-88	-88	33	172	
2020/21-4	MO-HUE	matrix spike dup	5/20/2021	Pesticide	Phorate	n/a	=	0.0567	µg/L	EPA 625.1m	0.003	0.01			
2020/21-4	MO-HUE	matrix spike dup, rec	5/20/2021	Pesticide	Phorate	n/a	=	113	%	EPA 625.1m	-88	-88	33	172	
2020/21-4	MO-HUE	matrix spike, RPD	5/20/2021	Pesticide	Phorate	n/a	=	21	%	EPA 625.1m	-88	-88	0	30	
2020/21-4	000NONPJ	matrix spike	5/5/2021	Pesticide	Picloram	n/a	=	4.44	µg/L	EPA 515.4	0.038	0.6			
2020/21-4	000NONPJ	matrix spike, rec	5/5/2021	Pesticide	Picloram	n/a	=	111	%	EPA 515.4	-88	-88	70	130	
2020/21-4	000NONPJ	matrix spike dup	5/5/2021	Pesticide	Picloram	n/a	=	4.21	µg/L	EPA 515.4	0.038	0.6			
2020/21-4	000NONPJ	matrix spike dup, rec	5/5/2021	Pesticide	Picloram	n/a	=	105	%	EPA 515.4	-88	-88	70	130	
2020/21-4	000NONPJ	matrix spike, RPD	5/5/2021	Pesticide	Picloram	n/a	=	5	%	EPA 515.4	-88	-88	0	30	
2020/21-4	000NONPJ	matrix spike	5/22/2021	Pesticide	Picloram	n/a	=	4.05	µg/L	EPA 515.4	0.038	0.6			
2020/21-4	000NONPJ	matrix spike, rec	5/22/2021	Pesticide	Picloram	n/a	=	101	%	EPA 515.4	-88	-88	70	130	
2020/21-4	000NONPJ	matrix spike dup	5/23/2021	Pesticide	Picloram	n/a	=	4.15	µg/L	EPA 515.4	0.038	0.6			
2020/21-4	000NONPJ	matrix spike dup, rec	5/23/2021	Pesticide	Picloram	n/a	=	104	%	EPA 515.4	-88	-88	70	130	
2020/21-4	000NONPJ	matrix spike, RPD	5/23/2021	Pesticide	Picloram	n/a	=	3	%	EPA 515.4	-88	-88	0	30	
2020/21-4	Lab	method blank	5/5/2021	Pesticide	Picloram	n/a	<	0.038	µg/L	EPA 515.4	0.038	0.6			
2020/21-4	Lab	LCS	5/5/2021	Pesticide	Picloram	n/a	=	4.24	µg/L	EPA 515.4	0.038	0.6			
2020/21-4	Lab	LCS, rec	5/5/2021	Pesticide	Picloram	n/a	=	106	%	EPA 515.4	-88	-88	70	130	
2020/21-4	Lab	method blank	5/22/2021	Pesticide	Picloram	n/a	<	0.038	µg/L	EPA 515.4	0.038	0.6			
2020/21-4	Lab	LCS	5/22/2021	Pesticide	Picloram	n/a	=	4.05	µg/L	EPA 515.4	0.038	0.6			
2020/21-4	Lab	LCS, rec	5/22/2021	Pesticide	Picloram	n/a	=	101	%	EPA 515.4	-88	-88	70	130	
2020/21-4	Lab	method blank	5/11/2021	Pesticide	Prometon	n/a	=	0.154	µg/L	EPA 525.2	0.01	0.1			IP
2020/21-4	Lab	LCS	5/11/2021	Pesticide	Prometon	n/a	=	3.22	µg/L	EPA 525.2	0.01	0.1			
2020/21-4	Lab	LCS, rec	5/11/2021	Pesticide	Prometon	n/a	=	64	%	EPA 525.2	-88	-88	15	120	
2020/21-4	Lab	LCS dup	5/11/2021	Pesticide	Prometon	n/a	=	4.54	µg/L	EPA 525.2	0.01	0.1			IL
2020/21-4	Lab	LCS dup, rec	5/11/2021	Pesticide	Prometon	n/a	=	91	%	EPA 525.2	-88	-88	15	120	IL
2020/21-4	Lab	LCS, RPD	5/11/2021	Pesticide	Prometon	n/a	=	34	%	EPA 525.2	-88	-88	0	30	IL
2020/21-4	Lab	method blank	5/13/2021	Pesticide	Prometon	n/a	<	0.01	µg/L	EPA 525.2	0.01	0.1			
2020/21-4	Lab	LCS	5/13/2021	Pesticide	Prometon	n/a	=	4.33	µg/L	EPA 525.2	0.01	0.1			
2020/21-4	Lab	LCS, rec	5/13/2021	Pesticide	Prometon	n/a	=	87	%	EPA 525.2	-88	-88	15	120	
2020/21-4	Lab	LCS dup	5/13/2021	Pesticide	Prometon	n/a	=	4.65	µg/L	EPA 525.2	0.01	0.1			
2020/21-4	Lab	LCS dup, rec	5/13/2021	Pesticide	Prometon	n/a	=	93	%	EPA 525.2	-88	-88	15	120	
2020/21-4	Lab	LCS, RPD	5/13/2021	Pesticide	Prometon	n/a	=	7	%	EPA 525.2	-88	-88	0	30	
2020/21-4	Lab	method blank	6/3/2021	Pesticide	Prometon	n/a	<	0.01	µg/L	EPA 525.2	0.01	0.1			
2020/21-4	Lab	LCS	6/3/2021	Pesticide	Prometon	n/a	=	3.58	µg/L	EPA 525.2	0.01	0.1			
2020/21-4	Lab	LCS, rec	6/3/2021	Pesticide	Prometon	n/a	=	72	%	EPA 525.2	-88	-88	15	120	
2020/21-4	Lab	LCS dup	6/3/2021	Pesticide	Prometon	n/a	=	3.39	µg/L	EPA 525.2	0.01	0.1			
2020/21-4	Lab	LCS dup, rec	6/3/2021	Pesticide	Prometon	n/a	=	68	%	EPA 525.2	-88	-88	15	120	
2020/21-4	Lab	LCS, RPD	6/3/2021	Pesticide	Prometon	n/a	=	6	%	EPA 525.2	-88	-88	0	30	
2020/21-4	Lab	method blank	6/3/2021	Pesticide	Prometon	n/a	<	0.01	µg/L	EPA 525.2	0.01	0.1			
2020/21-4	Lab	LCS	6/3/2021	Pesticide	Prometon	n/a	=	3.93	µg/L	EPA 525.2	0.01	0.1			
2020/21-4	Lab	LCS, rec	6/3/2021	Pesticide	Prometon	n/a	=	79	%	EPA 525.2	-88	-88	15	120	
2020/21-4	Lab	LCS dup	6/4/2021	Pesticide	Prometon	n/a	=	4.12	µg/L	EPA 525.2	0.01	0.1			

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Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2020/21-4	Lab	LCS dup. rec	6/4/2021	Pesticide	Prometon	n/a	=	82	%	EPA 525.2	-88	-88	15	120	
2020/21-4	Lab	LCS, RPD	6/4/2021	Pesticide	Prometon	n/a	=	5	%	EPA 525.2	-88	-88	0	30	
2020/21-4	Lab	method blank	6/4/2021	Pesticide	Prometon	n/a	<	0.01	µg/L	EPA 525.2	0.01	0.1			
2020/21-4	Lab	LCS	6/4/2021	Pesticide	Prometon	n/a	=	3.04	µg/L	EPA 525.2	0.01	0.1			
2020/21-4	Lab	LCS, rec	6/4/2021	Pesticide	Prometon	n/a	=	61	%	EPA 525.2	-88	-88	15	120	
2020/21-4	Lab	LCS dup	6/4/2021	Pesticide	Prometon	n/a	=	3.45	µg/L	EPA 525.2	0.01	0.1			
2020/21-4	Lab	LCS dup. rec	6/4/2021	Pesticide	Prometon	n/a	=	69	%	EPA 525.2	-88	-88	15	120	
2020/21-4	Lab	LCS, RPD	6/4/2021	Pesticide	Prometon	n/a	=	13	%	EPA 525.2	-88	-88	0	30	
2020/21-4	Lab	method blank	5/11/2021	Pesticide	Prometryn	n/a	=	0.183	µg/L	EPA 525.2	0.03	0.1			IP
2020/21-4	Lab	LCS	5/11/2021	Pesticide	Prometryn	n/a	=	4.37	µg/L	EPA 525.2	0.03	0.1			
2020/21-4	Lab	LCS, rec	5/11/2021	Pesticide	Prometryn	n/a	=	87	%	EPA 525.2	-88	-88	30	120	
2020/21-4	Lab	LCS dup	5/11/2021	Pesticide	Prometryn	n/a	=	5.98	µg/L	EPA 525.2	0.03	0.1			IL
2020/21-4	Lab	LCS dup. rec	5/11/2021	Pesticide	Prometryn	n/a	=	120	%	EPA 525.2	-88	-88	30	120	IL
2020/21-4	Lab	LCS, RPD	5/11/2021	Pesticide	Prometryn	n/a	=	31	%	EPA 525.2	-88	-88	0	30	IL
2020/21-4	Lab	method blank	5/13/2021	Pesticide	Prometryn	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1			
2020/21-4	Lab	LCS	5/13/2021	Pesticide	Prometryn	n/a	=	5.21	µg/L	EPA 525.2	0.03	0.1			
2020/21-4	Lab	LCS, rec	5/13/2021	Pesticide	Prometryn	n/a	=	104	%	EPA 525.2	-88	-88	30	120	
2020/21-4	Lab	LCS dup	5/13/2021	Pesticide	Prometryn	n/a	=	5.54	µg/L	EPA 525.2	0.03	0.1			
2020/21-4	Lab	LCS dup. rec	5/13/2021	Pesticide	Prometryn	n/a	=	111	%	EPA 525.2	-88	-88	30	120	
2020/21-4	Lab	LCS, RPD	5/13/2021	Pesticide	Prometryn	n/a	=	6	%	EPA 525.2	-88	-88	0	30	
2020/21-4	Lab	method blank	6/3/2021	Pesticide	Prometryn	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1			
2020/21-4	Lab	LCS	6/3/2021	Pesticide	Prometryn	n/a	=	4.82	µg/L	EPA 525.2	0.03	0.1			
2020/21-4	Lab	LCS, rec	6/3/2021	Pesticide	Prometryn	n/a	=	96	%	EPA 525.2	-88	-88	30	120	
2020/21-4	Lab	LCS dup	6/3/2021	Pesticide	Prometryn	n/a	=	4.75	µg/L	EPA 525.2	0.03	0.1			
2020/21-4	Lab	LCS dup. rec	6/3/2021	Pesticide	Prometryn	n/a	=	95	%	EPA 525.2	-88	-88	30	120	
2020/21-4	Lab	LCS, RPD	6/3/2021	Pesticide	Prometryn	n/a	=	1	%	EPA 525.2	-88	-88	0	30	
2020/21-4	Lab	method blank	6/3/2021	Pesticide	Prometryn	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1			
2020/21-4	Lab	LCS	6/3/2021	Pesticide	Prometryn	n/a	=	5.24	µg/L	EPA 525.2	0.03	0.1			
2020/21-4	Lab	LCS, rec	6/3/2021	Pesticide	Prometryn	n/a	=	105	%	EPA 525.2	-88	-88	30	120	
2020/21-4	Lab	LCS dup	6/4/2021	Pesticide	Prometryn	n/a	=	5.3	µg/L	EPA 525.2	0.03	0.1			
2020/21-4	Lab	LCS dup. rec	6/4/2021	Pesticide	Prometryn	n/a	=	106	%	EPA 525.2	-88	-88	30	120	
2020/21-4	Lab	LCS, RPD	6/4/2021	Pesticide	Prometryn	n/a	=	1	%	EPA 525.2	-88	-88	0	30	
2020/21-4	Lab	method blank	6/4/2021	Pesticide	Prometryn	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1			
2020/21-4	Lab	LCS	6/4/2021	Pesticide	Prometryn	n/a	=	4.45	µg/L	EPA 525.2	0.03	0.1			
2020/21-4	Lab	LCS, rec	6/4/2021	Pesticide	Prometryn	n/a	=	89	%	EPA 525.2	-88	-88	30	120	
2020/21-4	Lab	LCS dup	6/4/2021	Pesticide	Prometryn	n/a	=	4.76	µg/L	EPA 525.2	0.03	0.1			
2020/21-4	Lab	LCS dup. rec	6/4/2021	Pesticide	Prometryn	n/a	=	95	%	EPA 525.2	-88	-88	30	120	
2020/21-4	Lab	LCS, RPD	6/4/2021	Pesticide	Prometryn	n/a	=	7	%	EPA 525.2	-88	-88	0	30	
2020/21-4	Lab	method blank	5/3/2021	Pesticide	Ronnel (Fenclorophos)	n/a	<	0.0041	µg/L	EPA 625.1m	0.0041	0.01			
2020/21-4	Lab	LCS	5/3/2021	Pesticide	Ronnel (Fenclorophos)	n/a	=	0.0472	µg/L	EPA 625.1m	0.0041	0.01			
2020/21-4	Lab	LCS, rec	5/3/2021	Pesticide	Ronnel (Fenclorophos)	n/a	=	94	%	EPA 625.1m	-88	-88	43	140	
2020/21-4	Lab	method blank	5/5/2021	Pesticide	Ronnel (Fenclorophos)	n/a	<	0.0041	µg/L	EPA 625.1m	0.0041	0.01			
2020/21-4	Lab	LCS	5/5/2021	Pesticide	Ronnel (Fenclorophos)	n/a	=	0.0461	µg/L	EPA 625.1m	0.0041	0.01			
2020/21-4	Lab	LCS, rec	5/5/2021	Pesticide	Ronnel (Fenclorophos)	n/a	=	92	%	EPA 625.1m	-88	-88	43	140	
2020/21-4	Lab	method blank	5/20/2021	Pesticide	Ronnel (Fenclorophos)	n/a	<	0.0041	µg/L	EPA 625.1m	0.0041	0.01			
2020/21-4	Lab	LCS	5/20/2021	Pesticide	Ronnel (Fenclorophos)	n/a	=	0.0454	µg/L	EPA 625.1m	0.0041	0.01			
2020/21-4	Lab	LCS, rec	5/20/2021	Pesticide	Ronnel (Fenclorophos)	n/a	=	91	%	EPA 625.1m	-88	-88	43	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	
2020/21-4	ME-CC	matrix spike	5/5/2021	Pesticide	Ronnel (Fenclorphos)	n/a	=	0.0447	µg/L	EPA 625.1m	0.0041	0.01			
2020/21-4	ME-CC	matrix spike, rec	5/5/2021	Pesticide	Ronnel (Fenclorphos)	n/a	=	89	%	EPA 625.1m	-88	-88	36	145	
2020/21-4	ME-CC	matrix spike dup	5/5/2021	Pesticide	Ronnel (Fenclorphos)	n/a	=	0.0386	µg/L	EPA 625.1m	0.0041	0.01			
2020/21-4	ME-CC	matrix spike dup, rec	5/5/2021	Pesticide	Ronnel (Fenclorphos)	n/a	=	77	%	EPA 625.1m	-88	-88	36	145	
2020/21-4	ME-CC	matrix spike, RPD	5/5/2021	Pesticide	Ronnel (Fenclorphos)	n/a	=	15	%	EPA 625.1m	-88	-88	0	30	
2020/21-4	ME-SCR	matrix spike	5/3/2021	Pesticide	Ronnel (Fenclorphos)	n/a	=	0.0475	µg/L	EPA 625.1m	0.0041	0.01			
2020/21-4	ME-SCR	matrix spike, rec	5/3/2021	Pesticide	Ronnel (Fenclorphos)	n/a	=	95	%	EPA 625.1m	-88	-88	36	145	
2020/21-4	ME-SCR	matrix spike dup	5/3/2021	Pesticide	Ronnel (Fenclorphos)	n/a	=	0.0468	µg/L	EPA 625.1m	0.0041	0.01			
2020/21-4	ME-SCR	matrix spike dup, rec	5/3/2021	Pesticide	Ronnel (Fenclorphos)	n/a	=	94	%	EPA 625.1m	-88	-88	36	145	
2020/21-4	ME-SCR	matrix spike, RPD	5/3/2021	Pesticide	Ronnel (Fenclorphos)	n/a	=	2	%	EPA 625.1m	-88	-88	0	30	
2020/21-4	MO-HUE	matrix spike	5/20/2021	Pesticide	Ronnel (Fenclorphos)	n/a	=	0.044	µg/L	EPA 625.1m	0.0041	0.01			
2020/21-4	MO-HUE	matrix spike, rec	5/20/2021	Pesticide	Ronnel (Fenclorphos)	n/a	=	88	%	EPA 625.1m	-88	-88	36	145	
2020/21-4	MO-HUE	matrix spike dup	5/20/2021	Pesticide	Ronnel (Fenclorphos)	n/a	=	0.0592	µg/L	EPA 625.1m	0.0041	0.01			
2020/21-4	MO-HUE	matrix spike dup, rec	5/20/2021	Pesticide	Ronnel (Fenclorphos)	n/a	=	118	%	EPA 625.1m	-88	-88	36	145	
2020/21-4	MO-HUE	matrix spike, RPD	5/20/2021	Pesticide	Ronnel (Fenclorphos)	n/a	=	29	%	EPA 625.1m	-88	-88	0	30	
2020/21-4	Lab	method blank	5/11/2021	Pesticide	Simazine	n/a	=	0.187	µg/L	EPA 525.2	0.02	0.1			IP
2020/21-4	Lab	LCS	5/11/2021	Pesticide	Simazine	n/a	=	4.44	µg/L	EPA 525.2	0.02	0.1			
2020/21-4	Lab	LCS, rec	5/11/2021	Pesticide	Simazine	n/a	=	89	%	EPA 525.2	-88	-88	60	130	
2020/21-4	Lab	LCS dup	5/11/2021	Pesticide	Simazine	n/a	=	6.6	µg/L	EPA 525.2	0.02	0.1			EUM,IL
2020/21-4	Lab	LCS dup, rec	5/11/2021	Pesticide	Simazine	n/a	=	132	%	EPA 525.2	-88	-88	60	130	EUM,IL
2020/21-4	Lab	LCS, RPD	5/11/2021	Pesticide	Simazine	n/a	=	39	%	EPA 525.2	-88	-88	0	30	IL
2020/21-4	Lab	method blank	5/13/2021	Pesticide	Simazine	n/a	<	0.02	µg/L	EPA 525.2	0.02	0.1			
2020/21-4	Lab	LCS	5/13/2021	Pesticide	Simazine	n/a	=	4.99	µg/L	EPA 525.2	0.02	0.1			
2020/21-4	Lab	LCS, rec	5/13/2021	Pesticide	Simazine	n/a	=	100	%	EPA 525.2	-88	-88	60	130	
2020/21-4	Lab	LCS dup	5/13/2021	Pesticide	Simazine	n/a	=	5.55	µg/L	EPA 525.2	0.02	0.1			
2020/21-4	Lab	LCS dup, rec	5/13/2021	Pesticide	Simazine	n/a	=	111	%	EPA 525.2	-88	-88	60	130	
2020/21-4	Lab	LCS, RPD	5/13/2021	Pesticide	Simazine	n/a	=	11	%	EPA 525.2	-88	-88	0	30	
2020/21-4	Lab	method blank	6/3/2021	Pesticide	Simazine	n/a	<	0.02	µg/L	EPA 525.2	0.02	0.1			
2020/21-4	Lab	LCS	6/3/2021	Pesticide	Simazine	n/a	=	5.03	µg/L	EPA 525.2	0.02	0.1			
2020/21-4	Lab	LCS, rec	6/3/2021	Pesticide	Simazine	n/a	=	101	%	EPA 525.2	-88	-88	60	130	
2020/21-4	Lab	LCS dup	6/3/2021	Pesticide	Simazine	n/a	=	5.14	µg/L	EPA 525.2	0.02	0.1			
2020/21-4	Lab	LCS dup, rec	6/3/2021	Pesticide	Simazine	n/a	=	103	%	EPA 525.2	-88	-88	60	130	
2020/21-4	Lab	LCS, RPD	6/3/2021	Pesticide	Simazine	n/a	=	2	%	EPA 525.2	-88	-88	0	30	
2020/21-4	Lab	method blank	6/3/2021	Pesticide	Simazine	n/a	<	0.02	µg/L	EPA 525.2	0.02	0.1			
2020/21-4	Lab	LCS	6/3/2021	Pesticide	Simazine	n/a	=	5	µg/L	EPA 525.2	0.02	0.1			
2020/21-4	Lab	LCS, rec	6/3/2021	Pesticide	Simazine	n/a	=	100	%	EPA 525.2	-88	-88	60	130	
2020/21-4	Lab	LCS dup	6/4/2021	Pesticide	Simazine	n/a	=	5.37	µg/L	EPA 525.2	0.02	0.1			
2020/21-4	Lab	LCS dup, rec	6/4/2021	Pesticide	Simazine	n/a	=	107	%	EPA 525.2	-88	-88	60	130	
2020/21-4	Lab	LCS, RPD	6/4/2021	Pesticide	Simazine	n/a	=	7	%	EPA 525.2	-88	-88	0	30	
2020/21-4	Lab	method blank	6/4/2021	Pesticide	Simazine	n/a	<	0.02	µg/L	EPA 525.2	0.02	0.1			
2020/21-4	Lab	LCS	6/4/2021	Pesticide	Simazine	n/a	=	4.99	µg/L	EPA 525.2	0.02	0.1			
2020/21-4	Lab	LCS, rec	6/4/2021	Pesticide	Simazine	n/a	=	100	%	EPA 525.2	-88	-88	60	130	
2020/21-4	Lab	LCS dup	6/4/2021	Pesticide	Simazine	n/a	=	5.3	µg/L	EPA 525.2	0.02	0.1			
2020/21-4	Lab	LCS dup, rec	6/4/2021	Pesticide	Simazine	n/a	=	106	%	EPA 525.2	-88	-88	60	130	
2020/21-4	Lab	LCS, RPD	6/4/2021	Pesticide	Simazine	n/a	=	6	%	EPA 525.2	-88	-88	0	30	
2020/21-4	Lab	method blank	5/3/2021	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	<	0.0031	µg/L	EPA 625.1m	0.0031	0.01			
2020/21-4	Lab	LCS	5/3/2021	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	=	0.0684	µg/L	EPA 625.1m	0.0031	0.01			

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2020/21-4	Lab	LCS, rec	5/3/2021	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	=	137	%	EPA 625.1m	-88	-88	3	171	
2020/21-4	Lab	method blank	5/5/2021	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	<	0.0031	µg/L	EPA 625.1m	0.0031	0.01			
2020/21-4	Lab	LCS	5/5/2021	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	=	0.0605	µg/L	EPA 625.1m	0.0031	0.01			
2020/21-4	Lab	LCS, rec	5/5/2021	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	=	121	%	EPA 625.1m	-88	-88	3	171	
2020/21-4	Lab	method blank	5/20/2021	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	<	0.0031	µg/L	EPA 625.1m	0.0031	0.01			
2020/21-4	Lab	LCS	5/20/2021	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	=	0.0559	µg/L	EPA 625.1m	0.0031	0.01			
2020/21-4	Lab	LCS, rec	5/20/2021	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	=	112	%	EPA 625.1m	-88	-88	3	171	
2020/21-4	ME-CC	matrix spike	5/5/2021	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	=	0.0583	µg/L	EPA 625.1m	0.0031	0.01			
2020/21-4	ME-CC	matrix spike, rec	5/5/2021	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	=	117	%	EPA 625.1m	-88	-88	0.1	158	
2020/21-4	ME-CC	matrix spike dup	5/5/2021	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	=	0.0556	µg/L	EPA 625.1m	0.0031	0.01			
2020/21-4	ME-CC	matrix spike dup, rec	5/5/2021	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	=	111	%	EPA 625.1m	-88	-88	0.1	158	
2020/21-4	ME-CC	matrix spike, RPD	5/5/2021	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	=	5	%	EPA 625.1m	-88	-88	0	30	
2020/21-4	ME-SCR	matrix spike	5/3/2021	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	=	0.063	µg/L	EPA 625.1m	0.0031	0.01			
2020/21-4	ME-SCR	matrix spike, rec	5/3/2021	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	=	126	%	EPA 625.1m	-88	-88	0.1	158	
2020/21-4	ME-SCR	matrix spike dup	5/3/2021	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	=	0.0695	µg/L	EPA 625.1m	0.0031	0.01			
2020/21-4	ME-SCR	matrix spike dup, rec	5/3/2021	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	=	139	%	EPA 625.1m	-88	-88	0.1	158	
2020/21-4	ME-SCR	matrix spike, RPD	5/3/2021	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	=	10	%	EPA 625.1m	-88	-88	0	30	
2020/21-4	MO-HUE	matrix spike	5/20/2021	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	=	0.0581	µg/L	EPA 625.1m	0.0031	0.01			
2020/21-4	MO-HUE	matrix spike, rec	5/20/2021	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	=	116	%	EPA 625.1m	-88	-88	0.1	158	
2020/21-4	MO-HUE	matrix spike dup	5/20/2021	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	=	0.0751	µg/L	EPA 625.1m	0.0031	0.01			
2020/21-4	MO-HUE	matrix spike dup, rec	5/20/2021	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	=	150	%	EPA 625.1m	-88	-88	0.1	158	
2020/21-4	MO-HUE	matrix spike, RPD	5/20/2021	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	=	25	%	EPA 625.1m	-88	-88	0	30	
2020/21-4	Lab	method blank	5/11/2021	Pesticide	Terbacil	n/a	DNQ	0.388	µg/L	EPA 525.2	0.09	2			IP
2020/21-4	Lab	LCS	5/11/2021	Pesticide	Terbacil	n/a	=	6.09	µg/L	EPA 525.2	0.09	2			
2020/21-4	Lab	LCS, rec	5/11/2021	Pesticide	Terbacil	n/a	=	122	%	EPA 525.2	-88	-88	70	130	
2020/21-4	Lab	LCS dup	5/11/2021	Pesticide	Terbacil	n/a	=	6.45	µg/L	EPA 525.2	0.09	2			
2020/21-4	Lab	LCS dup, rec	5/11/2021	Pesticide	Terbacil	n/a	=	129	%	EPA 525.2	-88	-88	70	130	
2020/21-4	Lab	LCS, RPD	5/11/2021	Pesticide	Terbacil	n/a	=	6	%	EPA 525.2	-88	-88	0	30	
2020/21-4	Lab	method blank	5/13/2021	Pesticide	Terbacil	n/a	<	0.09	µg/L	EPA 525.2	0.09	2			
2020/21-4	Lab	LCS	5/13/2021	Pesticide	Terbacil	n/a	=	7.16	µg/L	EPA 525.2	0.09	2			EUM
2020/21-4	Lab	LCS, rec	5/13/2021	Pesticide	Terbacil	n/a	=	143	%	EPA 525.2	-88	-88	70	130	EUM
2020/21-4	Lab	LCS dup	5/13/2021	Pesticide	Terbacil	n/a	=	7.49	µg/L	EPA 525.2	0.09	2			EUM
2020/21-4	Lab	LCS dup, rec	5/13/2021	Pesticide	Terbacil	n/a	=	150	%	EPA 525.2	-88	-88	70	130	EUM
2020/21-4	Lab	LCS, RPD	5/13/2021	Pesticide	Terbacil	n/a	=	5	%	EPA 525.2	-88	-88	0	30	
2020/21-4	Lab	method blank	6/3/2021	Pesticide	Terbacil	n/a	<	0.09	µg/L	EPA 525.2	0.09	2			
2020/21-4	Lab	LCS	6/3/2021	Pesticide	Terbacil	n/a	=	5.65	µg/L	EPA 525.2	0.09	2			
2020/21-4	Lab	LCS, rec	6/3/2021	Pesticide	Terbacil	n/a	=	113	%	EPA 525.2	-88	-88	70	130	
2020/21-4	Lab	LCS dup	6/3/2021	Pesticide	Terbacil	n/a	=	5.81	µg/L	EPA 525.2	0.09	2			
2020/21-4	Lab	LCS dup, rec	6/3/2021	Pesticide	Terbacil	n/a	=	116	%	EPA 525.2	-88	-88	70	130	
2020/21-4	Lab	LCS, RPD	6/3/2021	Pesticide	Terbacil	n/a	=	3	%	EPA 525.2	-88	-88	0	30	
2020/21-4	Lab	method blank	6/3/2021	Pesticide	Terbacil	n/a	<	0.09	µg/L	EPA 525.2	0.09	2			
2020/21-4	Lab	LCS	6/3/2021	Pesticide	Terbacil	n/a	=	5.62	µg/L	EPA 525.2	0.09	2			
2020/21-4	Lab	LCS, rec	6/3/2021	Pesticide	Terbacil	n/a	=	112	%	EPA 525.2	-88	-88	70	130	
2020/21-4	Lab	LCS dup	6/4/2021	Pesticide	Terbacil	n/a	=	5.71	µg/L	EPA 525.2	0.09	2			
2020/21-4	Lab	LCS dup, rec	6/4/2021	Pesticide	Terbacil	n/a	=	114	%	EPA 525.2	-88	-88	70	130	
2020/21-4	Lab	LCS, RPD	6/4/2021	Pesticide	Terbacil	n/a	=	2	%	EPA 525.2	-88	-88	0	30	
2020/21-4	Lab	method blank	6/4/2021	Pesticide	Terbacil	n/a	<	0.09	µg/L	EPA 525.2	0.09	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	
2020/21-4	Lab	LCS	6/4/2021	Pesticide	Terbacil	n/a	=	5.42	µg/L	EPA 525.2	0.09	2			
2020/21-4	Lab	LCS, rec	6/4/2021	Pesticide	Terbacil	n/a	=	108	%	EPA 525.2	-88	-88	70	130	
2020/21-4	Lab	LCS dup	6/4/2021	Pesticide	Terbacil	n/a	=	5.61	µg/L	EPA 525.2	0.09	2			
2020/21-4	Lab	LCS dup, rec	6/4/2021	Pesticide	Terbacil	n/a	=	112	%	EPA 525.2	-88	-88	70	130	
2020/21-4	Lab	LCS, RPD	6/4/2021	Pesticide	Terbacil	n/a	=	3	%	EPA 525.2	-88	-88	0	30	
2020/21-4	Lab	method blank	5/11/2021	Pesticide	Thiobencarb	n/a	=	0.247	µg/L	EPA 525.2	0.03	0.1			IP
2020/21-4	Lab	LCS	5/11/2021	Pesticide	Thiobencarb	n/a	=	5.6	µg/L	EPA 525.2	0.03	0.1			
2020/21-4	Lab	LCS, rec	5/11/2021	Pesticide	Thiobencarb	n/a	=	112	%	EPA 525.2	-88	-88	70	130	
2020/21-4	Lab	LCS dup	5/11/2021	Pesticide	Thiobencarb	n/a	=	7.18	µg/L	EPA 525.2	0.03	0.1			EUM
2020/21-4	Lab	LCS dup, rec	5/11/2021	Pesticide	Thiobencarb	n/a	=	144	%	EPA 525.2	-88	-88	70	130	EUM
2020/21-4	Lab	LCS, RPD	5/11/2021	Pesticide	Thiobencarb	n/a	=	25	%	EPA 525.2	-88	-88	0	30	
2020/21-4	Lab	method blank	5/13/2021	Pesticide	Thiobencarb	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1			
2020/21-4	Lab	LCS	5/13/2021	Pesticide	Thiobencarb	n/a	=	5.3	µg/L	EPA 525.2	0.03	0.1			
2020/21-4	Lab	LCS, rec	5/13/2021	Pesticide	Thiobencarb	n/a	=	106	%	EPA 525.2	-88	-88	70	130	
2020/21-4	Lab	LCS dup	5/13/2021	Pesticide	Thiobencarb	n/a	=	5.86	µg/L	EPA 525.2	0.03	0.1			
2020/21-4	Lab	LCS dup, rec	5/13/2021	Pesticide	Thiobencarb	n/a	=	117	%	EPA 525.2	-88	-88	70	130	
2020/21-4	Lab	LCS, RPD	5/13/2021	Pesticide	Thiobencarb	n/a	=	10	%	EPA 525.2	-88	-88	0	30	
2020/21-4	Lab	method blank	6/3/2021	Pesticide	Thiobencarb	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1			
2020/21-4	Lab	LCS	6/3/2021	Pesticide	Thiobencarb	n/a	=	5.11	µg/L	EPA 525.2	0.03	0.1			
2020/21-4	Lab	LCS, rec	6/3/2021	Pesticide	Thiobencarb	n/a	=	102	%	EPA 525.2	-88	-88	70	130	
2020/21-4	Lab	LCS dup	6/3/2021	Pesticide	Thiobencarb	n/a	=	5.25	µg/L	EPA 525.2	0.03	0.1			
2020/21-4	Lab	LCS dup, rec	6/3/2021	Pesticide	Thiobencarb	n/a	=	105	%	EPA 525.2	-88	-88	70	130	
2020/21-4	Lab	LCS, RPD	6/3/2021	Pesticide	Thiobencarb	n/a	=	3	%	EPA 525.2	-88	-88	0	30	
2020/21-4	Lab	method blank	6/3/2021	Pesticide	Thiobencarb	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1			
2020/21-4	Lab	LCS	6/3/2021	Pesticide	Thiobencarb	n/a	=	5.11	µg/L	EPA 525.2	0.03	0.1			
2020/21-4	Lab	LCS, rec	6/3/2021	Pesticide	Thiobencarb	n/a	=	102	%	EPA 525.2	-88	-88	70	130	
2020/21-4	Lab	LCS dup	6/4/2021	Pesticide	Thiobencarb	n/a	=	5.49	µg/L	EPA 525.2	0.03	0.1			
2020/21-4	Lab	LCS dup, rec	6/4/2021	Pesticide	Thiobencarb	n/a	=	110	%	EPA 525.2	-88	-88	70	130	
2020/21-4	Lab	LCS, RPD	6/4/2021	Pesticide	Thiobencarb	n/a	=	7	%	EPA 525.2	-88	-88	0	30	
2020/21-4	Lab	method blank	6/4/2021	Pesticide	Thiobencarb	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1			
2020/21-4	Lab	LCS	6/4/2021	Pesticide	Thiobencarb	n/a	=	5.34	µg/L	EPA 525.2	0.03	0.1			
2020/21-4	Lab	LCS, rec	6/4/2021	Pesticide	Thiobencarb	n/a	=	107	%	EPA 525.2	-88	-88	70	130	
2020/21-4	Lab	LCS dup	6/4/2021	Pesticide	Thiobencarb	n/a	=	5.39	µg/L	EPA 525.2	0.03	0.1			
2020/21-4	Lab	LCS dup, rec	6/4/2021	Pesticide	Thiobencarb	n/a	=	108	%	EPA 525.2	-88	-88	70	130	
2020/21-4	Lab	LCS, RPD	6/4/2021	Pesticide	Thiobencarb	n/a	=	1	%	EPA 525.2	-88	-88	0	30	
2020/21-4	Lab	method blank	5/3/2021	Pesticide	Tokuthion	n/a	<	0.0078	µg/L	EPA 625.1m	0.0078	0.01			
2020/21-4	Lab	LCS	5/3/2021	Pesticide	Tokuthion	n/a	=	0.0596	µg/L	EPA 625.1m	0.0078	0.01			
2020/21-4	Lab	LCS, rec	5/3/2021	Pesticide	Tokuthion	n/a	=	119	%	EPA 625.1m	-88	-88	34	138	
2020/21-4	Lab	method blank	5/5/2021	Pesticide	Tokuthion	n/a	<	0.0078	µg/L	EPA 625.1m	0.0078	0.01			
2020/21-4	Lab	LCS	5/5/2021	Pesticide	Tokuthion	n/a	=	0.0557	µg/L	EPA 625.1m	0.0078	0.01			
2020/21-4	Lab	LCS, rec	5/5/2021	Pesticide	Tokuthion	n/a	=	111	%	EPA 625.1m	-88	-88	34	138	
2020/21-4	Lab	method blank	5/20/2021	Pesticide	Tokuthion	n/a	<	0.0078	µg/L	EPA 625.1m	0.0078	0.01			
2020/21-4	Lab	LCS	5/20/2021	Pesticide	Tokuthion	n/a	=	0.0497	µg/L	EPA 625.1m	0.0078	0.01			
2020/21-4	Lab	LCS, rec	5/20/2021	Pesticide	Tokuthion	n/a	=	99	%	EPA 625.1m	-88	-88	34	138	
2020/21-4	ME-CC	matrix spike	5/5/2021	Pesticide	Tokuthion	n/a	=	0.0471	µg/L	EPA 625.1m	0.0078	0.01			
2020/21-4	ME-CC	matrix spike, rec	5/5/2021	Pesticide	Tokuthion	n/a	=	94	%	EPA 625.1m	-88	-88	35	145	
2020/21-4	ME-CC	matrix spike dup	5/5/2021	Pesticide	Tokuthion	n/a	=	0.0407	µg/L	EPA 625.1m	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	
2020/21-4	ME-CC	matrix spike dup, rec	5/5/2021	Pesticide	Tokuthion	n/a	=	81	%	EPA 625.1m	-88	-88	35	145	
2020/21-4	ME-CC	matrix spike, RPD	5/5/2021	Pesticide	Tokuthion	n/a	=	14	%	EPA 625.1m	-88	-88	0	30	
2020/21-4	ME-SCR	matrix spike	5/3/2021	Pesticide	Tokuthion	n/a	=	0.0528	µg/L	EPA 625.1m	0.0078	0.01			
2020/21-4	ME-SCR	matrix spike, rec	5/3/2021	Pesticide	Tokuthion	n/a	=	106	%	EPA 625.1m	-88	-88	35	145	
2020/21-4	ME-SCR	matrix spike dup	5/3/2021	Pesticide	Tokuthion	n/a	=	0.0556	µg/L	EPA 625.1m	0.0078	0.01			
2020/21-4	ME-SCR	matrix spike dup, rec	5/3/2021	Pesticide	Tokuthion	n/a	=	111	%	EPA 625.1m	-88	-88	35	145	
2020/21-4	ME-SCR	matrix spike, RPD	5/3/2021	Pesticide	Tokuthion	n/a	=	5	%	EPA 625.1m	-88	-88	0	30	
2020/21-4	MO-HUE	matrix spike	5/20/2021	Pesticide	Tokuthion	n/a	=	0.046	µg/L	EPA 625.1m	0.0078	0.01			
2020/21-4	MO-HUE	matrix spike, rec	5/20/2021	Pesticide	Tokuthion	n/a	=	92	%	EPA 625.1m	-88	-88	35	145	
2020/21-4	MO-HUE	matrix spike dup	5/20/2021	Pesticide	Tokuthion	n/a	=	0.0515	µg/L	EPA 625.1m	0.0078	0.01			
2020/21-4	MO-HUE	matrix spike dup, rec	5/20/2021	Pesticide	Tokuthion	n/a	=	103	%	EPA 625.1m	-88	-88	35	145	
2020/21-4	MO-HUE	matrix spike, RPD	5/20/2021	Pesticide	Tokuthion	n/a	=	11	%	EPA 625.1m	-88	-88	0	30	
2020/21-4	Lab	method blank	5/7/2021	Pesticide	Toxaphene	n/a	<	0.085	µg/L	EPA 608.3	0.085	0.5			
2020/21-4	Lab	method blank	5/8/2021	Pesticide	Toxaphene	n/a	<	0.085	µg/L	EPA 608.3	0.085	0.5			
2020/21-4	Lab	method blank	6/5/2021	Pesticide	Toxaphene	n/a	<	0.085	µg/L	EPA 608.3	0.085	0.5			
2020/21-4	Lab	method blank	5/3/2021	Pesticide	Trichloronate	n/a	<	0.0067	µg/L	EPA 625.1m	0.0067	0.01			
2020/21-4	Lab	LCS	5/3/2021	Pesticide	Trichloronate	n/a	=	0.0517	µg/L	EPA 625.1m	0.0067	0.01			
2020/21-4	Lab	LCS, rec	5/3/2021	Pesticide	Trichloronate	n/a	=	103	%	EPA 625.1m	-88	-88	42	137	
2020/21-4	Lab	method blank	5/5/2021	Pesticide	Trichloronate	n/a	<	0.0067	µg/L	EPA 625.1m	0.0067	0.01			
2020/21-4	Lab	LCS	5/5/2021	Pesticide	Trichloronate	n/a	=	0.0499	µg/L	EPA 625.1m	0.0067	0.01			
2020/21-4	Lab	LCS, rec	5/5/2021	Pesticide	Trichloronate	n/a	=	100	%	EPA 625.1m	-88	-88	42	137	
2020/21-4	Lab	method blank	5/20/2021	Pesticide	Trichloronate	n/a	<	0.0067	µg/L	EPA 625.1m	0.0067	0.01			
2020/21-4	Lab	LCS	5/20/2021	Pesticide	Trichloronate	n/a	=	0.0498	µg/L	EPA 625.1m	0.0067	0.01			
2020/21-4	Lab	LCS, rec	5/20/2021	Pesticide	Trichloronate	n/a	=	100	%	EPA 625.1m	-88	-88	42	137	
2020/21-4	ME-CC	matrix spike	5/5/2021	Pesticide	Trichloronate	n/a	=	0.0465	µg/L	EPA 625.1m	0.0067	0.01			
2020/21-4	ME-CC	matrix spike, rec	5/5/2021	Pesticide	Trichloronate	n/a	=	93	%	EPA 625.1m	-88	-88	52	133	
2020/21-4	ME-CC	matrix spike dup	5/5/2021	Pesticide	Trichloronate	n/a	=	0.0397	µg/L	EPA 625.1m	0.0067	0.01			
2020/21-4	ME-CC	matrix spike dup, rec	5/5/2021	Pesticide	Trichloronate	n/a	=	79	%	EPA 625.1m	-88	-88	52	133	
2020/21-4	ME-CC	matrix spike, RPD	5/5/2021	Pesticide	Trichloronate	n/a	=	16	%	EPA 625.1m	-88	-88	0	30	
2020/21-4	ME-SCR	matrix spike	5/3/2021	Pesticide	Trichloronate	n/a	=	0.0511	µg/L	EPA 625.1m	0.0067	0.01			
2020/21-4	ME-SCR	matrix spike, rec	5/3/2021	Pesticide	Trichloronate	n/a	=	102	%	EPA 625.1m	-88	-88	52	133	
2020/21-4	ME-SCR	matrix spike dup	5/3/2021	Pesticide	Trichloronate	n/a	=	0.0508	µg/L	EPA 625.1m	0.0067	0.01			
2020/21-4	ME-SCR	matrix spike dup, rec	5/3/2021	Pesticide	Trichloronate	n/a	=	102	%	EPA 625.1m	-88	-88	52	133	
2020/21-4	ME-SCR	matrix spike, RPD	5/3/2021	Pesticide	Trichloronate	n/a	=	0.6	%	EPA 625.1m	-88	-88	0	30	
2020/21-4	MO-HUE	matrix spike	5/20/2021	Pesticide	Trichloronate	n/a	=	0.046	µg/L	EPA 625.1m	0.0067	0.01			
2020/21-4	MO-HUE	matrix spike, rec	5/20/2021	Pesticide	Trichloronate	n/a	=	92	%	EPA 625.1m	-88	-88	52	133	
2020/21-4	MO-HUE	matrix spike dup	5/20/2021	Pesticide	Trichloronate	n/a	=	0.0583	µg/L	EPA 625.1m	0.0067	0.01			
2020/21-4	MO-HUE	matrix spike dup, rec	5/20/2021	Pesticide	Trichloronate	n/a	=	117	%	EPA 625.1m	-88	-88	52	133	
2020/21-4	MO-HUE	matrix spike, RPD	5/20/2021	Pesticide	Trichloronate	n/a	=	23	%	EPA 625.1m	-88	-88	0	30	
2020/21-4	Lab	method blank	5/11/2021	Pesticide	Trithion	n/a	=	0.209	µg/L	EPA 525.2	0.02	0.1			IP
2020/21-4	Lab	LCS	5/11/2021	Pesticide	Trithion	n/a	=	4.63	µg/L	EPA 525.2	0.02	0.1			
2020/21-4	Lab	LCS, rec	5/11/2021	Pesticide	Trithion	n/a	=	93	%	EPA 525.2	-88	-88	70	130	
2020/21-4	Lab	LCS dup	5/11/2021	Pesticide	Trithion	n/a	=	5.52	µg/L	EPA 525.2	0.02	0.1			
2020/21-4	Lab	LCS dup, rec	5/11/2021	Pesticide	Trithion	n/a	=	110	%	EPA 525.2	-88	-88	70	130	
2020/21-4	Lab	LCS, RPD	5/11/2021	Pesticide	Trithion	n/a	=	17	%	EPA 525.2	-88	-88	0	30	
2020/21-4	Lab	method blank	5/13/2021	Pesticide	Trithion	n/a	<	0.02	µg/L	EPA 525.2	0.02	0.1			
2020/21-4	Lab	LCS	5/13/2021	Pesticide	Trithion	n/a	=	5.43	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	
2020/21-4	Lab	LCS, rec	5/13/2021	Pesticide	Trithion	n/a	=	109	%	EPA 525.2	-88	-88	70	130	
2020/21-4	Lab	LCS dup	5/13/2021	Pesticide	Trithion	n/a	=	5.94	µg/L	EPA 525.2	0.02	0.1			
2020/21-4	Lab	LCS dup, rec	5/13/2021	Pesticide	Trithion	n/a	=	119	%	EPA 525.2	-88	-88	70	130	
2020/21-4	Lab	LCS, RPD	5/13/2021	Pesticide	Trithion	n/a	=	9	%	EPA 525.2	-88	-88	0	30	
2020/21-4	Lab	method blank	6/3/2021	Pesticide	Trithion	n/a	<	0.02	µg/L	EPA 525.2	0.02	0.1			
2020/21-4	Lab	LCS	6/3/2021	Pesticide	Trithion	n/a	=	5.38	µg/L	EPA 525.2	0.02	0.1			
2020/21-4	Lab	LCS, rec	6/3/2021	Pesticide	Trithion	n/a	=	108	%	EPA 525.2	-88	-88	70	130	
2020/21-4	Lab	LCS dup	6/3/2021	Pesticide	Trithion	n/a	=	5.45	µg/L	EPA 525.2	0.02	0.1			
2020/21-4	Lab	LCS dup, rec	6/3/2021	Pesticide	Trithion	n/a	=	109	%	EPA 525.2	-88	-88	70	130	
2020/21-4	Lab	LCS, RPD	6/3/2021	Pesticide	Trithion	n/a	=	1	%	EPA 525.2	-88	-88	0	30	
2020/21-4	Lab	method blank	6/3/2021	Pesticide	Trithion	n/a	<	0.02	µg/L	EPA 525.2	0.02	0.1			
2020/21-4	Lab	LCS	6/3/2021	Pesticide	Trithion	n/a	=	5.52	µg/L	EPA 525.2	0.02	0.1			
2020/21-4	Lab	LCS, rec	6/3/2021	Pesticide	Trithion	n/a	=	110	%	EPA 525.2	-88	-88	70	130	
2020/21-4	Lab	LCS dup	6/4/2021	Pesticide	Trithion	n/a	=	5.8	µg/L	EPA 525.2	0.02	0.1			
2020/21-4	Lab	LCS dup, rec	6/4/2021	Pesticide	Trithion	n/a	=	116	%	EPA 525.2	-88	-88	70	130	
2020/21-4	Lab	LCS, RPD	6/4/2021	Pesticide	Trithion	n/a	=	5	%	EPA 525.2	-88	-88	0	30	
2020/21-4	Lab	method blank	6/4/2021	Pesticide	Trithion	n/a	<	0.02	µg/L	EPA 525.2	0.02	0.1			
2020/21-4	Lab	LCS	6/4/2021	Pesticide	Trithion	n/a	=	5.56	µg/L	EPA 525.2	0.02	0.1			
2020/21-4	Lab	LCS, rec	6/4/2021	Pesticide	Trithion	n/a	=	111	%	EPA 525.2	-88	-88	70	130	
2020/21-4	Lab	LCS dup	6/4/2021	Pesticide	Trithion	n/a	=	5.7	µg/L	EPA 525.2	0.02	0.1			
2020/21-4	Lab	LCS dup, rec	6/4/2021	Pesticide	Trithion	n/a	=	114	%	EPA 525.2	-88	-88	70	130	
2020/21-4	Lab	LCS, RPD	6/4/2021	Pesticide	Trithion	n/a	=	2	%	EPA 525.2	-88	-88	0	30	
2020/21-PRE	Carboy Blank	equip blank	8/31/2020	Metal	Aluminum	Total	DNQ	2.9	µg/L	EPA 200.8	1.3	5			IP
2020/21-PRE	Carboy Blank	matrix spike	8/31/2020	Metal	Aluminum	Total	=	51.6	µg/L	EPA 200.8	1.3	5			
2020/21-PRE	Carboy Blank	matrix spike, rec	8/31/2020	Metal	Aluminum	Total	=	97	%	EPA 200.8	-88	-88	70	130	
2020/21-PRE	Carboy Blank	matrix spike dup	8/31/2020	Metal	Aluminum	Total	=	52.4	µg/L	EPA 200.8	1.3	5			
2020/21-PRE	Carboy Blank	matrix spike dup, rec	8/31/2020	Metal	Aluminum	Total	=	99	%	EPA 200.8	-88	-88	70	130	
2020/21-PRE	Carboy Blank	matrix spike, RPD	8/31/2020	Metal	Aluminum	Total	=	2	%	EPA 200.8	-88	-88	0	30	
2020/21-PRE	Lab	method blank	8/31/2020	Metal	Aluminum	Total	DNQ	2.58	µg/L	EPA 200.8	1.3	5			IP
2020/21-PRE	Lab	LCS	8/31/2020	Metal	Aluminum	Total	=	50.8	µg/L	EPA 200.8	1.3	5			
2020/21-PRE	Lab	LCS, rec	8/31/2020	Metal	Aluminum	Total	=	102	%	EPA 200.8	-88	-88	85	115	
2020/21-PRE	Tubing Blank	equip blank	8/31/2020	Metal	Aluminum	Total	=	19	µg/L	EPA 200.8	1.3	5			
2020/21-PRE	Carboy Blank	equip blank	8/31/2020	Metal	Antimony	Total	<	0.045	µg/L	EPA 200.8	0.045	0.5			
2020/21-PRE	Carboy Blank	matrix spike	8/31/2020	Metal	Antimony	Total	=	52	µg/L	EPA 200.8	0.045	0.5			
2020/21-PRE	Carboy Blank	matrix spike, rec	8/31/2020	Metal	Antimony	Total	=	104	%	EPA 200.8	-88	-88	70	130	
2020/21-PRE	Carboy Blank	matrix spike dup	8/31/2020	Metal	Antimony	Total	=	52.8	µg/L	EPA 200.8	0.045	0.5			
2020/21-PRE	Carboy Blank	matrix spike dup, rec	8/31/2020	Metal	Antimony	Total	=	106	%	EPA 200.8	-88	-88	70	130	
2020/21-PRE	Carboy Blank	matrix spike, RPD	8/31/2020	Metal	Antimony	Total	=	2	%	EPA 200.8	-88	-88	0	30	
2020/21-PRE	Lab	method blank	8/31/2020	Metal	Antimony	Total	<	0.045	µg/L	EPA 200.8	0.045	0.5			
2020/21-PRE	Lab	LCS	8/31/2020	Metal	Antimony	Total	=	52	µg/L	EPA 200.8	0.045	0.5			
2020/21-PRE	Lab	LCS, rec	8/31/2020	Metal	Antimony	Total	=	104	%	EPA 200.8	-88	-88	85	115	
2020/21-PRE	Tubing Blank	equip blank	8/31/2020	Metal	Antimony	Total	<	0.045	µg/L	EPA 200.8	0.045	0.5			
2020/21-PRE	Carboy Blank	equip blank	8/31/2020	Metal	Arsenic	Total	<	0.074	µg/L	EPA 200.8	0.074	0.4			
2020/21-PRE	Carboy Blank	matrix spike	8/31/2020	Metal	Arsenic	Total	=	51.2	µg/L	EPA 200.8	0.074	0.4			
2020/21-PRE	Carboy Blank	matrix spike, rec	8/31/2020	Metal	Arsenic	Total	=	102	%	EPA 200.8	-88	-88	70	130	
2020/21-PRE	Carboy Blank	matrix spike dup	8/31/2020	Metal	Arsenic	Total	=	51.9	µg/L	EPA 200.8	0.074	0.4			
2020/21-PRE	Carboy Blank	matrix spike dup, rec	8/31/2020	Metal	Arsenic	Total	=	104	%	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	
2020/21-PRE	Carboy Blank	matrix spike, RPD	8/31/2020	Metal	Arsenic	Total	=	1	%	EPA 200.8	-88	-88	0	30	
2020/21-PRE	Lab	method blank	8/31/2020	Metal	Arsenic	Total	<	0.074	µg/L	EPA 200.8	0.074	0.4			
2020/21-PRE	Lab	LCS	8/31/2020	Metal	Arsenic	Total	=	51.3	µg/L	EPA 200.8	0.074	0.4			
2020/21-PRE	Lab	LCS, rec	8/31/2020	Metal	Arsenic	Total	=	103	%	EPA 200.8	-88	-88	85	115	
2020/21-PRE	Tubing Blank	equip blank	8/31/2020	Metal	Arsenic	Total	<	0.074	µg/L	EPA 200.8	0.074	0.4			
2020/21-PRE	Carboy Blank	equip blank	8/31/2020	Metal	Beryllium	Total	<	0.033	µg/L	EPA 200.8	0.033	0.1			
2020/21-PRE	Carboy Blank	matrix spike	8/31/2020	Metal	Beryllium	Total	=	47.9	µg/L	EPA 200.8	0.033	0.1			
2020/21-PRE	Carboy Blank	matrix spike, rec	8/31/2020	Metal	Beryllium	Total	=	96	%	EPA 200.8	-88	-88	70	130	
2020/21-PRE	Carboy Blank	matrix spike dup	8/31/2020	Metal	Beryllium	Total	=	48.3	µg/L	EPA 200.8	0.033	0.1			
2020/21-PRE	Carboy Blank	matrix spike dup, rec	8/31/2020	Metal	Beryllium	Total	=	97	%	EPA 200.8	-88	-88	70	130	
2020/21-PRE	Carboy Blank	matrix spike, RPD	8/31/2020	Metal	Beryllium	Total	=	0.9	%	EPA 200.8	-88	-88	0	30	
2020/21-PRE	Lab	method blank	8/31/2020	Metal	Beryllium	Total	<	0.033	µg/L	EPA 200.8	0.033	0.1			
2020/21-PRE	Lab	LCS	8/31/2020	Metal	Beryllium	Total	=	49.2	µg/L	EPA 200.8	0.033	0.1			
2020/21-PRE	Lab	LCS, rec	8/31/2020	Metal	Beryllium	Total	=	98	%	EPA 200.8	-88	-88	85	115	
2020/21-PRE	Tubing Blank	equip blank	8/31/2020	Metal	Beryllium	Total	<	0.033	µg/L	EPA 200.8	0.033	0.1			
2020/21-PRE	Carboy Blank	equip blank	8/31/2020	Metal	Cadmium	Total	<	0.041	µg/L	EPA 200.8	0.041	0.1			
2020/21-PRE	Carboy Blank	matrix spike	8/31/2020	Metal	Cadmium	Total	=	49.8	µg/L	EPA 200.8	0.041	0.1			
2020/21-PRE	Carboy Blank	matrix spike, rec	8/31/2020	Metal	Cadmium	Total	=	100	%	EPA 200.8	-88	-88	70	130	
2020/21-PRE	Carboy Blank	matrix spike dup	8/31/2020	Metal	Cadmium	Total	=	49.8	µg/L	EPA 200.8	0.041	0.1			
2020/21-PRE	Carboy Blank	matrix spike dup, rec	8/31/2020	Metal	Cadmium	Total	=	100	%	EPA 200.8	-88	-88	70	130	
2020/21-PRE	Carboy Blank	matrix spike, RPD	8/31/2020	Metal	Cadmium	Total	=	0.1	%	EPA 200.8	-88	-88	0	30	
2020/21-PRE	Lab	method blank	8/31/2020	Metal	Cadmium	Total	<	0.041	µg/L	EPA 200.8	0.041	0.1			
2020/21-PRE	Lab	LCS	8/31/2020	Metal	Cadmium	Total	=	50.1	µg/L	EPA 200.8	0.041	0.1			
2020/21-PRE	Lab	LCS, rec	8/31/2020	Metal	Cadmium	Total	=	100	%	EPA 200.8	-88	-88	85	115	
2020/21-PRE	Tubing Blank	equip blank	8/31/2020	Metal	Cadmium	Total	<	0.041	µg/L	EPA 200.8	0.041	0.1			
2020/21-PRE	Carboy Blank	equip blank	8/31/2020	Metal	Chromium	Total	DNQ	0.084	µg/L	EPA 200.8	0.035	0.2			
2020/21-PRE	Carboy Blank	matrix spike	8/31/2020	Metal	Chromium	Total	=	50.4	µg/L	EPA 200.8	0.035	0.2			
2020/21-PRE	Carboy Blank	matrix spike, rec	8/31/2020	Metal	Chromium	Total	=	101	%	EPA 200.8	-88	-88	70	130	
2020/21-PRE	Carboy Blank	matrix spike dup	8/31/2020	Metal	Chromium	Total	=	50.7	µg/L	EPA 200.8	0.035	0.2			
2020/21-PRE	Carboy Blank	matrix spike dup, rec	8/31/2020	Metal	Chromium	Total	=	101	%	EPA 200.8	-88	-88	70	130	
2020/21-PRE	Carboy Blank	matrix spike, RPD	8/31/2020	Metal	Chromium	Total	=	0.7	%	EPA 200.8	-88	-88	0	30	
2020/21-PRE	Lab	method blank	8/31/2020	Metal	Chromium	Total	<	0.035	µg/L	EPA 200.8	0.035	0.2			
2020/21-PRE	Lab	LCS	8/31/2020	Metal	Chromium	Total	=	50.5	µg/L	EPA 200.8	0.035	0.2			
2020/21-PRE	Lab	LCS, rec	8/31/2020	Metal	Chromium	Total	=	101	%	EPA 200.8	-88	-88	85	115	
2020/21-PRE	Tubing Blank	equip blank	8/31/2020	Metal	Chromium	Total	=	0.46	µg/L	EPA 200.8	0.035	0.2			
2020/21-PRE	Carboy Blank	equip blank	8/31/2020	Metal	Copper	Total	DNQ	0.32	µg/L	EPA 200.8	0.13	0.5			
2020/21-PRE	Carboy Blank	matrix spike	8/31/2020	Metal	Copper	Total	=	52	µg/L	EPA 200.8	0.13	0.5			
2020/21-PRE	Carboy Blank	matrix spike, rec	8/31/2020	Metal	Copper	Total	=	103	%	EPA 200.8	-88	-88	70	130	
2020/21-PRE	Carboy Blank	matrix spike dup	8/31/2020	Metal	Copper	Total	=	53.2	µg/L	EPA 200.8	0.13	0.5			
2020/21-PRE	Carboy Blank	matrix spike dup, rec	8/31/2020	Metal	Copper	Total	=	106	%	EPA 200.8	-88	-88	70	130	
2020/21-PRE	Carboy Blank	matrix spike, RPD	8/31/2020	Metal	Copper	Total	=	2	%	EPA 200.8	-88	-88	0	30	
2020/21-PRE	Lab	method blank	8/31/2020	Metal	Copper	Total	<	0.13	µg/L	EPA 200.8	0.13	0.5			
2020/21-PRE	Lab	LCS	8/31/2020	Metal	Copper	Total	=	52.2	µg/L	EPA 200.8	0.13	0.5			
2020/21-PRE	Lab	LCS, rec	8/31/2020	Metal	Copper	Total	=	104	%	EPA 200.8	-88	-88	85	115	
2020/21-PRE	Tubing Blank	equip blank	8/31/2020	Metal	Copper	Total	DNQ	0.25	µg/L	EPA 200.8	0.13	0.5			
2020/21-PRE	000NONPJ	matrix spike	8/26/2020	Metal	Iron	Total	=	222	µg/L	EPA 200.7	1.1	10			
2020/21-PRE	000NONPJ	matrix spike, rec	8/26/2020	Metal	Iron	Total	=	100	%	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	
2020/21-PRE	000NONPJ	matrix spike dup	8/26/2020	Metal	Iron	Total	=	225	µg/L	EPA 200.7	1.1	10			
2020/21-PRE	000NONPJ	matrix spike dup, rec	8/26/2020	Metal	Iron	Total	=	101	%	EPA 200.7	-88	-88	70	130	
2020/21-PRE	000NONPJ	matrix spike, RPD	8/26/2020	Metal	Iron	Total	=	1	%	EPA 200.7	-88	-88	0	30	
2020/21-PRE	Carboy Blank	equip blank	8/26/2020	Metal	Iron	Total	<	1.1	µg/L	EPA 200.7	1.1	10			
2020/21-PRE	Lab	method blank	8/26/2020	Metal	Iron	Total	<	1.1	µg/L	EPA 200.7	1.1	10			
2020/21-PRE	Lab	LCS	8/26/2020	Metal	Iron	Total	=	200	µg/L	EPA 200.7	1.1	10			
2020/21-PRE	Lab	LCS, rec	8/26/2020	Metal	Iron	Total	=	100	%	EPA 200.7	-88	-88	85	115	
2020/21-PRE	Tubing Blank	equip blank	8/26/2020	Metal	Iron	Total	=	19	µg/L	EPA 200.7	1.1	10			
2020/21-PRE	Carboy Blank	equip blank	8/31/2020	Metal	Lead	Total	<	0.031	µg/L	EPA 200.8	0.031	0.2			
2020/21-PRE	Carboy Blank	matrix spike	8/31/2020	Metal	Lead	Total	=	49.5	µg/L	EPA 200.8	0.031	0.2			
2020/21-PRE	Carboy Blank	matrix spike, rec	8/31/2020	Metal	Lead	Total	=	99	%	EPA 200.8	-88	-88	70	130	
2020/21-PRE	Carboy Blank	matrix spike dup	8/31/2020	Metal	Lead	Total	=	50.4	µg/L	EPA 200.8	0.031	0.2			
2020/21-PRE	Carboy Blank	matrix spike dup, rec	8/31/2020	Metal	Lead	Total	=	101	%	EPA 200.8	-88	-88	70	130	
2020/21-PRE	Carboy Blank	matrix spike, RPD	8/31/2020	Metal	Lead	Total	=	2	%	EPA 200.8	-88	-88	0	30	
2020/21-PRE	Lab	method blank	8/31/2020	Metal	Lead	Total	<	0.031	µg/L	EPA 200.8	0.031	0.2			
2020/21-PRE	Lab	LCS	8/31/2020	Metal	Lead	Total	=	50.1	µg/L	EPA 200.8	0.031	0.2			
2020/21-PRE	Lab	LCS, rec	8/31/2020	Metal	Lead	Total	=	100	%	EPA 200.8	-88	-88	85	115	
2020/21-PRE	Tubing Blank	equip blank	8/31/2020	Metal	Lead	Total	DNQ	0.036	µg/L	EPA 200.8	0.031	0.2			
2020/21-PRE	000NONPJ	matrix spike	8/28/2020	Metal	Mercury	Total	=	1000	ng/L	EPA 245.1	17	50			
2020/21-PRE	000NONPJ	matrix spike, rec	8/28/2020	Metal	Mercury	Total	=	98	%	EPA 245.1	-88	-88	70	130	
2020/21-PRE	000NONPJ	matrix spike dup	8/28/2020	Metal	Mercury	Total	=	1030	ng/L	EPA 245.1	17	50			
2020/21-PRE	000NONPJ	matrix spike dup, rec	8/28/2020	Metal	Mercury	Total	=	101	%	EPA 245.1	-88	-88	70	130	
2020/21-PRE	000NONPJ	matrix spike, RPD	8/28/2020	Metal	Mercury	Total	=	3	%	EPA 245.1	-88	-88	0	20	
2020/21-PRE	000NONPJ	matrix spike	8/28/2020	Metal	Mercury	Total	=	1010	ng/L	EPA 245.1	17	50			
2020/21-PRE	000NONPJ	matrix spike, rec	8/28/2020	Metal	Mercury	Total	=	101	%	EPA 245.1	-88	-88	70	130	
2020/21-PRE	000NONPJ	matrix spike dup	8/28/2020	Metal	Mercury	Total	=	850	ng/L	EPA 245.1	17	50			
2020/21-PRE	000NONPJ	matrix spike dup, rec	8/28/2020	Metal	Mercury	Total	=	85	%	EPA 245.1	-88	-88	70	130	
2020/21-PRE	000NONPJ	matrix spike, RPD	8/28/2020	Metal	Mercury	Total	=	17	%	EPA 245.1	-88	-88	0	20	
2020/21-PRE	Carboy Blank	equip blank	8/28/2020	Metal	Mercury	Total	<	17	ng/L	EPA 245.1	17	50			
2020/21-PRE	Lab	method blank	8/28/2020	Metal	Mercury	Total	<	17	ng/L	EPA 245.1	17	50			
2020/21-PRE	Lab	LCS	8/28/2020	Metal	Mercury	Total	=	1000	ng/L	EPA 245.1	17	50			
2020/21-PRE	Lab	LCS, rec	8/28/2020	Metal	Mercury	Total	=	100	%	EPA 245.1	-88	-88	85	115	
2020/21-PRE	Tubing Blank	equip blank	8/28/2020	Metal	Mercury	Total	<	17	ng/L	EPA 245.1	17	50			
2020/21-PRE	Carboy Blank	equip blank	8/31/2020	Metal	Nickel	Total	<	0.045	µg/L	EPA 200.8	0.045	0.8			
2020/21-PRE	Carboy Blank	matrix spike	8/31/2020	Metal	Nickel	Total	=	51.3	µg/L	EPA 200.8	0.045	0.8			
2020/21-PRE	Carboy Blank	matrix spike, rec	8/31/2020	Metal	Nickel	Total	=	103	%	EPA 200.8	-88	-88	70	130	
2020/21-PRE	Carboy Blank	matrix spike dup	8/31/2020	Metal	Nickel	Total	=	52.1	µg/L	EPA 200.8	0.045	0.8			
2020/21-PRE	Carboy Blank	matrix spike dup, rec	8/31/2020	Metal	Nickel	Total	=	104	%	EPA 200.8	-88	-88	70	130	
2020/21-PRE	Carboy Blank	matrix spike, RPD	8/31/2020	Metal	Nickel	Total	=	2	%	EPA 200.8	-88	-88	0	30	
2020/21-PRE	Lab	method blank	8/31/2020	Metal	Nickel	Total	<	0.045	µg/L	EPA 200.8	0.045	0.8			
2020/21-PRE	Lab	LCS	8/31/2020	Metal	Nickel	Total	=	52	µg/L	EPA 200.8	0.045	0.8			
2020/21-PRE	Lab	LCS, rec	8/31/2020	Metal	Nickel	Total	=	104	%	EPA 200.8	-88	-88	85	115	
2020/21-PRE	Tubing Blank	equip blank	8/31/2020	Metal	Nickel	Total	<	0.045	µg/L	EPA 200.8	0.045	0.8			
2020/21-PRE	Carboy Blank	equip blank	8/31/2020	Metal	Selenium	Total	<	0.14	µg/L	EPA 200.8	0.14	0.4			
2020/21-PRE	Carboy Blank	matrix spike	8/31/2020	Metal	Selenium	Total	=	50.9	µg/L	EPA 200.8	0.14	0.4			
2020/21-PRE	Carboy Blank	matrix spike, rec	8/31/2020	Metal	Selenium	Total	=	102	%	EPA 200.8	-88	-88	70	130	
2020/21-PRE	Carboy Blank	matrix spike dup	8/31/2020	Metal	Selenium	Total	=	50.5	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	
2020/21-PRE	Carboy Blank	matrix spike dup, rec	8/31/2020	Metal	Selenium	Total	=	101	%	EPA 200.8	-88	-88	70	130	
2020/21-PRE	Carboy Blank	matrix spike, RPD	8/31/2020	Metal	Selenium	Total	=	0.7	%	EPA 200.8	-88	-88	0	30	
2020/21-PRE	Lab	method blank	8/31/2020	Metal	Selenium	Total	<	0.14	µg/L	EPA 200.8	0.14	0.4			
2020/21-PRE	Lab	LCS	8/31/2020	Metal	Selenium	Total	=	49.7	µg/L	EPA 200.8	0.14	0.4			
2020/21-PRE	Lab	LCS, rec	8/31/2020	Metal	Selenium	Total	=	99	%	EPA 200.8	-88	-88	85	115	
2020/21-PRE	Tubing Blank	equip blank	8/31/2020	Metal	Selenium	Total	<	0.14	µg/L	EPA 200.8	0.14	0.4			
2020/21-PRE	Carboy Blank	equip blank	8/31/2020	Metal	Silver	Total	<	0.062	µg/L	EPA 200.8	0.062	0.2			
2020/21-PRE	Carboy Blank	matrix spike	8/31/2020	Metal	Silver	Total	=	50.1	µg/L	EPA 200.8	0.062	0.2			
2020/21-PRE	Carboy Blank	matrix spike, rec	8/31/2020	Metal	Silver	Total	=	100	%	EPA 200.8	-88	-88	70	130	
2020/21-PRE	Carboy Blank	matrix spike dup	8/31/2020	Metal	Silver	Total	=	50.3	µg/L	EPA 200.8	0.062	0.2			
2020/21-PRE	Carboy Blank	matrix spike dup, rec	8/31/2020	Metal	Silver	Total	=	101	%	EPA 200.8	-88	-88	70	130	
2020/21-PRE	Carboy Blank	matrix spike, RPD	8/31/2020	Metal	Silver	Total	=	0.4	%	EPA 200.8	-88	-88	0	30	
2020/21-PRE	Lab	method blank	8/31/2020	Metal	Silver	Total	<	0.062	µg/L	EPA 200.8	0.062	0.2			
2020/21-PRE	Lab	LCS	8/31/2020	Metal	Silver	Total	=	51.2	µg/L	EPA 200.8	0.062	0.2			
2020/21-PRE	Lab	LCS, rec	8/31/2020	Metal	Silver	Total	=	102	%	EPA 200.8	-88	-88	85	115	
2020/21-PRE	Tubing Blank	equip blank	8/31/2020	Metal	Silver	Total	<	0.062	µg/L	EPA 200.8	0.062	0.2			
2020/21-PRE	Carboy Blank	equip blank	8/31/2020	Metal	Thallium	Total	<	0.014	µg/L	EPA 200.8	0.014	0.2			
2020/21-PRE	Carboy Blank	matrix spike	8/31/2020	Metal	Thallium	Total	=	48.4	µg/L	EPA 200.8	0.014	0.2			
2020/21-PRE	Carboy Blank	matrix spike, rec	8/31/2020	Metal	Thallium	Total	=	97	%	EPA 200.8	-88	-88	70	130	
2020/21-PRE	Carboy Blank	matrix spike dup	8/31/2020	Metal	Thallium	Total	=	48.9	µg/L	EPA 200.8	0.014	0.2			
2020/21-PRE	Carboy Blank	matrix spike dup, rec	8/31/2020	Metal	Thallium	Total	=	98	%	EPA 200.8	-88	-88	70	130	
2020/21-PRE	Carboy Blank	matrix spike, RPD	8/31/2020	Metal	Thallium	Total	=	1	%	EPA 200.8	-88	-88	0	30	
2020/21-PRE	Lab	method blank	8/31/2020	Metal	Thallium	Total	<	0.014	µg/L	EPA 200.8	0.014	0.2			
2020/21-PRE	Lab	LCS	8/31/2020	Metal	Thallium	Total	=	48.5	µg/L	EPA 200.8	0.014	0.2			
2020/21-PRE	Lab	LCS, rec	8/31/2020	Metal	Thallium	Total	=	97	%	EPA 200.8	-88	-88	85	115	
2020/21-PRE	Tubing Blank	equip blank	8/31/2020	Metal	Thallium	Total	<	0.014	µg/L	EPA 200.8	0.014	0.2			
2020/21-PRE	Carboy Blank	equip blank	8/31/2020	Metal	Zinc	Total	<	0.94	µg/L	EPA 200.8	0.94	5			
2020/21-PRE	Carboy Blank	matrix spike	8/31/2020	Metal	Zinc	Total	=	50.9	µg/L	EPA 200.8	0.94	5			
2020/21-PRE	Carboy Blank	matrix spike, rec	8/31/2020	Metal	Zinc	Total	=	102	%	EPA 200.8	-88	-88	70	130	
2020/21-PRE	Carboy Blank	matrix spike dup	8/31/2020	Metal	Zinc	Total	=	51.4	µg/L	EPA 200.8	0.94	5			
2020/21-PRE	Carboy Blank	matrix spike dup, rec	8/31/2020	Metal	Zinc	Total	=	103	%	EPA 200.8	-88	-88	70	130	
2020/21-PRE	Carboy Blank	matrix spike, RPD	8/31/2020	Metal	Zinc	Total	=	0.9	%	EPA 200.8	-88	-88	0	30	
2020/21-PRE	Lab	method blank	8/31/2020	Metal	Zinc	Total	<	0.94	µg/L	EPA 200.8	0.94	5			
2020/21-PRE	Lab	LCS	8/31/2020	Metal	Zinc	Total	=	50.3	µg/L	EPA 200.8	0.94	5			
2020/21-PRE	Lab	LCS, rec	8/31/2020	Metal	Zinc	Total	=	101	%	EPA 200.8	-88	-88	85	115	
2020/21-PRE	Tubing Blank	equip blank	8/31/2020	Metal	Zinc	Total	<	0.94	µg/L	EPA 200.8	0.94	5			
2020/21-PRE	000NONPJ	matrix spike	8/20/2020	Nutrient	Nitrate + Nitrite as N	n/a	=	8.23	mg/L	EPA 353.2	0.036	0.2			
2020/21-PRE	000NONPJ	matrix spike, rec	8/20/2020	Nutrient	Nitrate + Nitrite as N	n/a	=	96	%	EPA 353.2	-88	-88	90	110	
2020/21-PRE	000NONPJ	matrix spike dup	8/20/2020	Nutrient	Nitrate + Nitrite as N	n/a	=	8.22	mg/L	EPA 353.2	0.036	0.2			
2020/21-PRE	000NONPJ	matrix spike dup, rec	8/20/2020	Nutrient	Nitrate + Nitrite as N	n/a	=	96	%	EPA 353.2	-88	-88	90	110	
2020/21-PRE	000NONPJ	matrix spike, RPD	8/20/2020	Nutrient	Nitrate + Nitrite as N	n/a	=	0.1	%	EPA 353.2	-88	-88	0	20	
2020/21-PRE	000NONPJ	matrix spike	8/20/2020	Nutrient	Nitrate + Nitrite as N	n/a	=	10.2	mg/L	EPA 353.2	0.036	0.2			
2020/21-PRE	000NONPJ	matrix spike, rec	8/20/2020	Nutrient	Nitrate + Nitrite as N	n/a	=	94	%	EPA 353.2	-88	-88	90	110	
2020/21-PRE	000NONPJ	matrix spike dup	8/20/2020	Nutrient	Nitrate + Nitrite as N	n/a	=	10.2	mg/L	EPA 353.2	0.036	0.2			
2020/21-PRE	000NONPJ	matrix spike dup, rec	8/20/2020	Nutrient	Nitrate + Nitrite as N	n/a	=	94	%	EPA 353.2	-88	-88	90	110	
2020/21-PRE	000NONPJ	matrix spike, RPD	8/20/2020	Nutrient	Nitrate + Nitrite as N	n/a	=	0	%	EPA 353.2	-88	-88	0	20	
2020/21-PRE	Carboy Blank	equip blank	8/20/2020	Nutrient	Nitrate + Nitrite as N	n/a	<	0.036	mg/L	EPA 353.2	0.036	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	
2020/21-PRE	Lab	method blank	8/20/2020	Nutrient	Nitrate + Nitrite as N	n/a	<	0.036	mg/L	EPA 353.2	0.036	0.2			
2020/21-PRE	Lab	LCS	8/20/2020	Nutrient	Nitrate + Nitrite as N	n/a	=	0.992	mg/L	EPA 353.2	0.036	0.2			
2020/21-PRE	Lab	LCS, rec	8/20/2020	Nutrient	Nitrate + Nitrite as N	n/a	=	99	%	EPA 353.2	-88	-88	90	110	
2020/21-PRE	Tubing Blank	equip blank	8/20/2020	Nutrient	Nitrate + Nitrite as N	n/a	<	0.036	mg/L	EPA 353.2	0.036	0.2			
2020/21-PRE	000NONPJ	matrix spike	9/14/2020	Organic	1,2,4-Trichlorobenzene	n/a	=	32.7	µg/L	EPA 625.1	2	4			
2020/21-PRE	000NONPJ	matrix spike, rec	9/14/2020	Organic	1,2,4-Trichlorobenzene	n/a	=	65	%	EPA 625.1	-88	-88	44	142	
2020/21-PRE	000NONPJ	matrix spike dup	9/14/2020	Organic	1,2,4-Trichlorobenzene	n/a	=	39.7	µg/L	EPA 625.1	2	4			
2020/21-PRE	000NONPJ	matrix spike dup, rec	9/14/2020	Organic	1,2,4-Trichlorobenzene	n/a	=	79	%	EPA 625.1	-88	-88	44	142	
2020/21-PRE	000NONPJ	matrix spike, RPD	9/14/2020	Organic	1,2,4-Trichlorobenzene	n/a	=	19	%	EPA 625.1	-88	-88	0	30	
2020/21-PRE	000NONPJ	matrix spike	9/14/2020	Organic	1,2,4-Trichlorobenzene	n/a	=	172	µg/L	EPA 625.1	4.9	10			
2020/21-PRE	000NONPJ	matrix spike, rec	9/14/2020	Organic	1,2,4-Trichlorobenzene	n/a	=	69	%	EPA 625.1	-88	-88	44	142	
2020/21-PRE	000NONPJ	matrix spike dup	9/15/2020	Organic	1,2,4-Trichlorobenzene	n/a	=	178	µg/L	EPA 625.1	4.9	10			
2020/21-PRE	000NONPJ	matrix spike dup, rec	9/15/2020	Organic	1,2,4-Trichlorobenzene	n/a	=	71	%	EPA 625.1	-88	-88	44	142	
2020/21-PRE	000NONPJ	matrix spike, RPD	9/15/2020	Organic	1,2,4-Trichlorobenzene	n/a	=	3	%	EPA 625.1	-88	-88	0	30	
2020/21-PRE	000NONPJ	lab duplicate	9/15/2020	Organic	1,2,4-Trichlorobenzene	n/a	<	2	µg/L	EPA 625.1	2	4		30	DF,DG
2020/21-PRE	000NONPJ	lab duplicate	9/15/2020	Organic	1,2,4-Trichlorobenzene	n/a	<	4.9	µg/L	EPA 625.1	4.9	10		30	DF,DG
2020/21-PRE	Carboy Blank	equip blank	9/17/2020	Organic	1,2,4-Trichlorobenzene	n/a	<	0.49	µg/L	EPA 625.1	0.49	1			
2020/21-PRE	Lab	LCS	9/14/2020	Organic	1,2,4-Trichlorobenzene	n/a	=	20	µg/L	EPA 625.1	0.49	1			
2020/21-PRE	Lab	LCS, rec	9/14/2020	Organic	1,2,4-Trichlorobenzene	n/a	=	80	%	EPA 625.1	-88	-88	57	130	
2020/21-PRE	Lab	method blank	9/15/2020	Organic	1,2,4-Trichlorobenzene	n/a	<	0.49	µg/L	EPA 625.1	0.49	1			
2020/21-PRE	Lab	LCS dup	9/16/2020	Organic	1,2,4-Trichlorobenzene	n/a	=	19.5	µg/L	EPA 625.1	0.49	1			
2020/21-PRE	Lab	LCS dup, rec	9/16/2020	Organic	1,2,4-Trichlorobenzene	n/a	=	78	%	EPA 625.1	-88	-88	57	130	
2020/21-PRE	Lab	LCS, RPD	9/16/2020	Organic	1,2,4-Trichlorobenzene	n/a	=	3	%	EPA 625.1	-88	-88	0	30	
2020/21-PRE	Lab	LCS	9/17/2020	Organic	1,2,4-Trichlorobenzene	n/a	=	19	µg/L	EPA 625.1	0.49	1			
2020/21-PRE	Lab	LCS, rec	9/17/2020	Organic	1,2,4-Trichlorobenzene	n/a	=	76	%	EPA 625.1	-88	-88	57	130	
2020/21-PRE	Lab	method blank	9/17/2020	Organic	1,2,4-Trichlorobenzene	n/a	<	0.49	µg/L	EPA 625.1	0.49	1			
2020/21-PRE	Tubing Blank	equip blank	9/15/2020	Organic	1,2,4-Trichlorobenzene	n/a	<	0.49	µg/L	EPA 625.1	0.49	1			
2020/21-PRE	000NONPJ	matrix spike	9/14/2020	Organic	1,2-Dichlorobenzene	n/a	=	32.5	µg/L	EPA 625.1	1.8	4			
2020/21-PRE	000NONPJ	matrix spike, rec	9/14/2020	Organic	1,2-Dichlorobenzene	n/a	=	65	%	EPA 625.1	-88	-88	51	120	
2020/21-PRE	000NONPJ	matrix spike dup	9/14/2020	Organic	1,2-Dichlorobenzene	n/a	=	39.8	µg/L	EPA 625.1	1.8	4			
2020/21-PRE	000NONPJ	matrix spike dup, rec	9/14/2020	Organic	1,2-Dichlorobenzene	n/a	=	80	%	EPA 625.1	-88	-88	51	120	
2020/21-PRE	000NONPJ	matrix spike, RPD	9/14/2020	Organic	1,2-Dichlorobenzene	n/a	=	20	%	EPA 625.1	-88	-88	0	30	
2020/21-PRE	000NONPJ	matrix spike	9/14/2020	Organic	1,2-Dichlorobenzene	n/a	=	161	µg/L	EPA 625.1	4.6	10			
2020/21-PRE	000NONPJ	matrix spike, rec	9/14/2020	Organic	1,2-Dichlorobenzene	n/a	=	64	%	EPA 625.1	-88	-88	51	120	
2020/21-PRE	000NONPJ	matrix spike dup	9/15/2020	Organic	1,2-Dichlorobenzene	n/a	=	162	µg/L	EPA 625.1	4.6	10			
2020/21-PRE	000NONPJ	matrix spike dup, rec	9/15/2020	Organic	1,2-Dichlorobenzene	n/a	=	65	%	EPA 625.1	-88	-88	51	120	
2020/21-PRE	000NONPJ	matrix spike, RPD	9/15/2020	Organic	1,2-Dichlorobenzene	n/a	=	0.4	%	EPA 625.1	-88	-88	0	30	
2020/21-PRE	000NONPJ	lab duplicate	9/15/2020	Organic	1,2-Dichlorobenzene	n/a	<	1.8	µg/L	EPA 625.1	1.8	4		30	DF,DG
2020/21-PRE	000NONPJ	lab duplicate	9/15/2020	Organic	1,2-Dichlorobenzene	n/a	<	4.6	µg/L	EPA 625.1	4.6	10		30	DF,DG
2020/21-PRE	Carboy Blank	equip blank	9/17/2020	Organic	1,2-Dichlorobenzene	n/a	<	0.46	µg/L	EPA 625.1	0.46	1			
2020/21-PRE	Lab	LCS	9/14/2020	Organic	1,2-Dichlorobenzene	n/a	=	19.2	µg/L	EPA 625.1	0.46	1			
2020/21-PRE	Lab	LCS, rec	9/14/2020	Organic	1,2-Dichlorobenzene	n/a	=	77	%	EPA 625.1	-88	-88	57	120	
2020/21-PRE	Lab	method blank	9/15/2020	Organic	1,2-Dichlorobenzene	n/a	<	0.46	µg/L	EPA 625.1	0.46	1			
2020/21-PRE	Lab	LCS dup	9/16/2020	Organic	1,2-Dichlorobenzene	n/a	=	18.5	µg/L	EPA 625.1	0.46	1			
2020/21-PRE	Lab	LCS dup, rec	9/16/2020	Organic	1,2-Dichlorobenzene	n/a	=	74	%	EPA 625.1	-88	-88	57	120	
2020/21-PRE	Lab	LCS, RPD	9/16/2020	Organic	1,2-Dichlorobenzene	n/a	=	0.4	%	EPA 625.1	-88	-88	0	30	
2020/21-PRE	Lab	LCS	9/17/2020	Organic	1,2-Dichlorobenzene	n/a	=	18.6	µg/L	EPA 625.1	0.46	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	
2020/21-PRE	Lab	LCS, rec	9/17/2020	Organic	1,2-Dichlorobenzene	n/a	=	74	%	EPA 625.1	-88	-88	57	120	
2020/21-PRE	Lab	method blank	9/17/2020	Organic	1,2-Dichlorobenzene	n/a	<	0.46	µg/L	EPA 625.1	0.46	1			
2020/21-PRE	Tubing Blank	equip blank	9/15/2020	Organic	1,2-Dichlorobenzene	n/a	<	0.46	µg/L	EPA 625.1	0.46	1			
2020/21-PRE	Carboy Blank	equip blank	9/17/2020	Organic	1,2-Diphenylhydrazine	n/a	<	0.3	µg/L	EPA 625.1	0.3	1			
2020/21-PRE	Lab	method blank	9/15/2020	Organic	1,2-Diphenylhydrazine	n/a	<	0.3	µg/L	EPA 625.1	0.3	1			
2020/21-PRE	Lab	method blank	9/17/2020	Organic	1,2-Diphenylhydrazine	n/a	<	0.3	µg/L	EPA 625.1	0.3	1			
2020/21-PRE	Tubing Blank	equip blank	9/15/2020	Organic	1,2-Diphenylhydrazine	n/a	<	0.3	µg/L	EPA 625.1	0.3	1			
2020/21-PRE	000NONPJ	matrix spike	9/14/2020	Organic	1,3-Dichlorobenzene	n/a	=	29.6	µg/L	EPA 625.1	1.7	4			
2020/21-PRE	000NONPJ	matrix spike, rec	9/14/2020	Organic	1,3-Dichlorobenzene	n/a	=	59	%	EPA 625.1	-88	-88	37	120	
2020/21-PRE	000NONPJ	matrix spike dup	9/14/2020	Organic	1,3-Dichlorobenzene	n/a	=	36.8	µg/L	EPA 625.1	1.7	4			
2020/21-PRE	000NONPJ	matrix spike dup, rec	9/14/2020	Organic	1,3-Dichlorobenzene	n/a	=	74	%	EPA 625.1	-88	-88	37	120	
2020/21-PRE	000NONPJ	matrix spike, RPD	9/14/2020	Organic	1,3-Dichlorobenzene	n/a	=	22	%	EPA 625.1	-88	-88	0	30	
2020/21-PRE	000NONPJ	matrix spike	9/14/2020	Organic	1,3-Dichlorobenzene	n/a	=	157	µg/L	EPA 625.1	4.2	10			
2020/21-PRE	000NONPJ	matrix spike, rec	9/14/2020	Organic	1,3-Dichlorobenzene	n/a	=	63	%	EPA 625.1	-88	-88	37	120	
2020/21-PRE	000NONPJ	matrix spike dup	9/15/2020	Organic	1,3-Dichlorobenzene	n/a	=	158	µg/L	EPA 625.1	4.2	10			
2020/21-PRE	000NONPJ	matrix spike dup, rec	9/15/2020	Organic	1,3-Dichlorobenzene	n/a	=	63	%	EPA 625.1	-88	-88	37	120	
2020/21-PRE	000NONPJ	matrix spike, RPD	9/15/2020	Organic	1,3-Dichlorobenzene	n/a	=	0.7	%	EPA 625.1	-88	-88	0	30	
2020/21-PRE	000NONPJ	lab duplicate	9/15/2020	Organic	1,3-Dichlorobenzene	n/a	<	1.7	µg/L	EPA 625.1	1.7	4		30	DF,DG
2020/21-PRE	000NONPJ	lab duplicate	9/15/2020	Organic	1,3-Dichlorobenzene	n/a	<	4.2	µg/L	EPA 625.1	4.2	10		30	DF,DG
2020/21-PRE	Carboy Blank	equip blank	9/17/2020	Organic	1,3-Dichlorobenzene	n/a	<	0.42	µg/L	EPA 625.1	0.42	1			
2020/21-PRE	Lab	LCS	9/14/2020	Organic	1,3-Dichlorobenzene	n/a	=	19.1	µg/L	EPA 625.1	0.42	1			
2020/21-PRE	Lab	LCS, rec	9/14/2020	Organic	1,3-Dichlorobenzene	n/a	=	76	%	EPA 625.1	-88	-88	55	120	
2020/21-PRE	Lab	method blank	9/15/2020	Organic	1,3-Dichlorobenzene	n/a	<	0.42	µg/L	EPA 625.1	0.42	1			
2020/21-PRE	Lab	LCS dup	9/16/2020	Organic	1,3-Dichlorobenzene	n/a	=	18.2	µg/L	EPA 625.1	0.42	1			
2020/21-PRE	Lab	LCS dup, rec	9/16/2020	Organic	1,3-Dichlorobenzene	n/a	=	73	%	EPA 625.1	-88	-88	55	120	
2020/21-PRE	Lab	LCS, RPD	9/16/2020	Organic	1,3-Dichlorobenzene	n/a	=	1	%	EPA 625.1	-88	-88	0	30	
2020/21-PRE	Lab	LCS	9/17/2020	Organic	1,3-Dichlorobenzene	n/a	=	18.5	µg/L	EPA 625.1	0.42	1			
2020/21-PRE	Lab	LCS, rec	9/17/2020	Organic	1,3-Dichlorobenzene	n/a	=	74	%	EPA 625.1	-88	-88	55	120	
2020/21-PRE	Lab	method blank	9/17/2020	Organic	1,3-Dichlorobenzene	n/a	<	0.42	µg/L	EPA 625.1	0.42	1			
2020/21-PRE	Tubing Blank	equip blank	9/15/2020	Organic	1,3-Dichlorobenzene	n/a	<	0.42	µg/L	EPA 625.1	0.42	1			
2020/21-PRE	000NONPJ	srgt matrix spike	8/24/2020	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	4.51	µg/L	EPA 525.2	-88	-88			
2020/21-PRE	000NONPJ	srgt matrix spike, rec	8/24/2020	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	90	%	EPA 525.2	-88	-88	70	130	
2020/21-PRE	000NONPJ	srgt matrix spike dup	8/24/2020	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	4.77	µg/L	EPA 525.2	-88	-88			
2020/21-PRE	000NONPJ	srgt matrix spike dup, rec	8/24/2020	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	95	%	EPA 525.2	-88	-88	70	130	
2020/21-PRE	Carboy Blank	srgt equip blank	8/25/2020	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	4.86	µg/L	EPA 525.2	-88	-88			
2020/21-PRE	Carboy Blank	srgt equip blank, rec	8/25/2020	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	97	%	EPA 525.2	-88	-88	70	130	
2020/21-PRE	Lab	srgt method blank	8/24/2020	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	4.93	µg/L	EPA 525.2	-88	-88			
2020/21-PRE	Lab	srgt method blank, rec	8/24/2020	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	99	%	EPA 525.2	-88	-88	70	130	
2020/21-PRE	Lab	srgt LCS	8/24/2020	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	4.84	µg/L	EPA 525.2	-88	-88			
2020/21-PRE	Lab	srgt LCS, rec	8/24/2020	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	97	%	EPA 525.2	-88	-88	70	130	
2020/21-PRE	Tubing Blank	srgt equip blank	8/25/2020	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	4.98	µg/L	EPA 525.2	-88	-88			
2020/21-PRE	Tubing Blank	srgt equip blank, rec	8/25/2020	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	100	%	EPA 525.2	-88	-88	70	130	
2020/21-PRE	000NONPJ	matrix spike	9/14/2020	Organic	1,4-Dichlorobenzene	n/a	=	30.2	µg/L	EPA 625.1	1.9	4			
2020/21-PRE	000NONPJ	matrix spike, rec	9/14/2020	Organic	1,4-Dichlorobenzene	n/a	=	60	%	EPA 625.1	-88	-88	39	120	
2020/21-PRE	000NONPJ	matrix spike dup	9/14/2020	Organic	1,4-Dichlorobenzene	n/a	=	37.1	µg/L	EPA 625.1	1.9	4			
2020/21-PRE	000NONPJ	matrix spike dup, rec	9/14/2020	Organic	1,4-Dichlorobenzene	n/a	=	74	%	EPA 625.1	-88	-88	39	120	
2020/21-PRE	000NONPJ	matrix spike, RPD	9/14/2020	Organic	1,4-Dichlorobenzene	n/a	=	21	%	EPA 625.1	-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	
2020/21-PRE	000NONPJ	matrix spike	9/14/2020	Organic	1,4-Dichlorobenzene	n/a	=	159	µg/L	EPA 625.1	4.8	10			
2020/21-PRE	000NONPJ	matrix spike, rec	9/14/2020	Organic	1,4-Dichlorobenzene	n/a	=	64	%	EPA 625.1	-88	-88	39	120	
2020/21-PRE	000NONPJ	matrix spike dup	9/15/2020	Organic	1,4-Dichlorobenzene	n/a	=	159	µg/L	EPA 625.1	4.8	10			
2020/21-PRE	000NONPJ	matrix spike dup, rec	9/15/2020	Organic	1,4-Dichlorobenzene	n/a	=	63	%	EPA 625.1	-88	-88	39	120	
2020/21-PRE	000NONPJ	matrix spike, RPD	9/15/2020	Organic	1,4-Dichlorobenzene	n/a	=	0.2	%	EPA 625.1	-88	-88	0	30	
2020/21-PRE	000NONPJ	lab duplicate	9/15/2020	Organic	1,4-Dichlorobenzene	n/a	<	1.9	µg/L	EPA 625.1	1.9	4		30	DF,DG
2020/21-PRE	000NONPJ	lab duplicate	9/15/2020	Organic	1,4-Dichlorobenzene	n/a	<	4.8	µg/L	EPA 625.1	4.8	10		30	DF,DG
2020/21-PRE	Carboy Blank	equip blank	9/17/2020	Organic	1,4-Dichlorobenzene	n/a	<	0.48	µg/L	EPA 625.1	0.48	1			
2020/21-PRE	Lab	LCS	9/14/2020	Organic	1,4-Dichlorobenzene	n/a	=	18.7	µg/L	EPA 625.1	0.48	1			
2020/21-PRE	Lab	LCS, rec	9/14/2020	Organic	1,4-Dichlorobenzene	n/a	=	75	%	EPA 625.1	-88	-88	55	120	
2020/21-PRE	Lab	method blank	9/15/2020	Organic	1,4-Dichlorobenzene	n/a	<	0.48	µg/L	EPA 625.1	0.48	1			
2020/21-PRE	Lab	LCS dup	9/16/2020	Organic	1,4-Dichlorobenzene	n/a	=	18.1	µg/L	EPA 625.1	0.48	1			
2020/21-PRE	Lab	LCS dup, rec	9/16/2020	Organic	1,4-Dichlorobenzene	n/a	=	72	%	EPA 625.1	-88	-88	55	120	
2020/21-PRE	Lab	LCS, RPD	9/16/2020	Organic	1,4-Dichlorobenzene	n/a	=	0.8	%	EPA 625.1	-88	-88	0	30	
2020/21-PRE	Lab	LCS	9/17/2020	Organic	1,4-Dichlorobenzene	n/a	=	18.2	µg/L	EPA 625.1	0.48	1			
2020/21-PRE	Lab	LCS, rec	9/17/2020	Organic	1,4-Dichlorobenzene	n/a	=	73	%	EPA 625.1	-88	-88	55	120	
2020/21-PRE	Lab	method blank	9/17/2020	Organic	1,4-Dichlorobenzene	n/a	<	0.48	µg/L	EPA 625.1	0.48	1			
2020/21-PRE	Tubing Blank	equip blank	9/15/2020	Organic	1,4-Dichlorobenzene	n/a	<	0.48	µg/L	EPA 625.1	0.48	1			
2020/21-PRE	000NONPJ	srgt matrix spike	9/14/2020	Organic	2,4,6-Tribromophenol	n/a	=	107	µg/L	EPA 625.1	-88	-88			
2020/21-PRE	000NONPJ	srgt matrix spike, rec	9/14/2020	Organic	2,4,6-Tribromophenol	n/a	=	107	%	EPA 625.1	-88	-88	25	120	
2020/21-PRE	000NONPJ	srgt matrix spike dup	9/14/2020	Organic	2,4,6-Tribromophenol	n/a	=	96.7	µg/L	EPA 625.1	-88	-88			
2020/21-PRE	000NONPJ	srgt matrix spike dup, rec	9/14/2020	Organic	2,4,6-Tribromophenol	n/a	=	97	%	EPA 625.1	-88	-88	25	120	
2020/21-PRE	000NONPJ	srgt matrix spike	9/14/2020	Organic	2,4,6-Tribromophenol	n/a	=	357	µg/L	EPA 625.1	-88	-88			
2020/21-PRE	000NONPJ	srgt matrix spike, rec	9/14/2020	Organic	2,4,6-Tribromophenol	n/a	=	71	%	EPA 625.1	-88	-88	25	120	
2020/21-PRE	000NONPJ	srgt matrix spike dup	9/15/2020	Organic	2,4,6-Tribromophenol	n/a	=	361	µg/L	EPA 625.1	-88	-88			
2020/21-PRE	000NONPJ	srgt matrix spike dup, rec	9/15/2020	Organic	2,4,6-Tribromophenol	n/a	=	72	%	EPA 625.1	-88	-88	25	120	
2020/21-PRE	000NONPJ	srgt lab duplicate	9/15/2020	Organic	2,4,6-Tribromophenol	n/a	=	107	µg/L	EPA 625.1	-88	-88			
2020/21-PRE	000NONPJ	srgt lab duplicate, rec	9/15/2020	Organic	2,4,6-Tribromophenol	n/a	=	107	%	EPA 625.1	-88	-88	25	120	
2020/21-PRE	000NONPJ	srgt lab duplicate	9/15/2020	Organic	2,4,6-Tribromophenol	n/a	=	313	µg/L	EPA 625.1	-88	-88			
2020/21-PRE	000NONPJ	srgt lab duplicate, rec	9/15/2020	Organic	2,4,6-Tribromophenol	n/a	=	63	%	EPA 625.1	-88	-88	25	120	
2020/21-PRE	Carboy Blank	srgt equip blank	9/17/2020	Organic	2,4,6-Tribromophenol	n/a	=	27.6	µg/L	EPA 625.1	-88	-88			
2020/21-PRE	Carboy Blank	srgt equip blank, rec	9/17/2020	Organic	2,4,6-Tribromophenol	n/a	=	55	%	EPA 625.1	-88	-88	25	120	
2020/21-PRE	Lab	srgt LCS	9/14/2020	Organic	2,4,6-Tribromophenol	n/a	=	40.7	µg/L	EPA 625.1	-88	-88			
2020/21-PRE	Lab	srgt LCS, rec	9/14/2020	Organic	2,4,6-Tribromophenol	n/a	=	81	%	EPA 625.1	-88	-88	25	120	
2020/21-PRE	Lab	srgt method blank	9/15/2020	Organic	2,4,6-Tribromophenol	n/a	=	36.9	µg/L	EPA 625.1	-88	-88			
2020/21-PRE	Lab	srgt method blank, rec	9/15/2020	Organic	2,4,6-Tribromophenol	n/a	=	74	%	EPA 625.1	-88	-88	25	120	
2020/21-PRE	Lab	srgt LCS dup	9/16/2020	Organic	2,4,6-Tribromophenol	n/a	=	34.6	µg/L	EPA 625.1	-88	-88			
2020/21-PRE	Lab	srgt LCS dup, rec	9/16/2020	Organic	2,4,6-Tribromophenol	n/a	=	69	%	EPA 625.1	-88	-88	25	120	
2020/21-PRE	Lab	srgt LCS	9/17/2020	Organic	2,4,6-Tribromophenol	n/a	=	35.9	µg/L	EPA 625.1	-88	-88			
2020/21-PRE	Lab	srgt LCS, rec	9/17/2020	Organic	2,4,6-Tribromophenol	n/a	=	72	%	EPA 625.1	-88	-88	25	120	
2020/21-PRE	Lab	srgt method blank	9/17/2020	Organic	2,4,6-Tribromophenol	n/a	=	26.9	µg/L	EPA 625.1	-88	-88			
2020/21-PRE	Lab	srgt method blank, rec	9/17/2020	Organic	2,4,6-Tribromophenol	n/a	=	54	%	EPA 625.1	-88	-88	25	120	
2020/21-PRE	Tubing Blank	srgt equip blank	9/15/2020	Organic	2,4,6-Tribromophenol	n/a	=	41.4	µg/L	EPA 625.1	-88	-88			
2020/21-PRE	Tubing Blank	srgt equip blank, rec	9/15/2020	Organic	2,4,6-Tribromophenol	n/a	=	79	%	EPA 625.1	-88	-88	25	120	
2020/21-PRE	000NONPJ	matrix spike	9/14/2020	Organic	2,4,6-Trichlorophenol	n/a	=	41.9	µg/L	EPA 625.1	0.88	4			
2020/21-PRE	000NONPJ	matrix spike, rec	9/14/2020	Organic	2,4,6-Trichlorophenol	n/a	=	75	%	EPA 625.1	-88	-88	37	144	
2020/21-PRE	000NONPJ	matrix spike dup	9/14/2020	Organic	2,4,6-Trichlorophenol	n/a	=	40.5	µg/L	EPA 625.1	0.88	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	
2020/21-PRE	000NONPJ	matrix spike dup, rec	9/14/2020	Organic	2,4,6-Trichlorophenol	n/a	=	73	%	EPA 625.1	-88	-88	37	144	
2020/21-PRE	000NONPJ	matrix spike, RPD	9/14/2020	Organic	2,4,6-Trichlorophenol	n/a	=	3	%	EPA 625.1	-88	-88	0	30	
2020/21-PRE	000NONPJ	matrix spike	9/14/2020	Organic	2,4,6-Trichlorophenol	n/a	=	192	µg/L	EPA 625.1	2.2	10			
2020/21-PRE	000NONPJ	matrix spike, rec	9/14/2020	Organic	2,4,6-Trichlorophenol	n/a	=	71	%	EPA 625.1	-88	-88	37	144	
2020/21-PRE	000NONPJ	matrix spike dup	9/15/2020	Organic	2,4,6-Trichlorophenol	n/a	=	188	µg/L	EPA 625.1	2.2	10			
2020/21-PRE	000NONPJ	matrix spike dup, rec	9/15/2020	Organic	2,4,6-Trichlorophenol	n/a	=	69	%	EPA 625.1	-88	-88	37	144	
2020/21-PRE	000NONPJ	matrix spike, RPD	9/15/2020	Organic	2,4,6-Trichlorophenol	n/a	=	2	%	EPA 625.1	-88	-88	0	30	
2020/21-PRE	000NONPJ	lab duplicate	9/15/2020	Organic	2,4,6-Trichlorophenol	n/a	=	4.77	µg/L	EPA 625.1	0.88	4		30	
2020/21-PRE	000NONPJ	lab duplicate	9/15/2020	Organic	2,4,6-Trichlorophenol	n/a	=	15.2	µg/L	EPA 625.1	2.2	10		30	
2020/21-PRE	Carboy Blank	equip blank	9/17/2020	Organic	2,4,6-Trichlorophenol	n/a	<	0.22	µg/L	EPA 625.1	0.22	1			
2020/21-PRE	Lab	LCS	9/14/2020	Organic	2,4,6-Trichlorophenol	n/a	=	21.3	µg/L	EPA 625.1	0.22	1			
2020/21-PRE	Lab	LCS, rec	9/14/2020	Organic	2,4,6-Trichlorophenol	n/a	=	85	%	EPA 625.1	-88	-88	52	129	
2020/21-PRE	Lab	method blank	9/15/2020	Organic	2,4,6-Trichlorophenol	n/a	<	0.22	µg/L	EPA 625.1	0.22	1			
2020/21-PRE	Lab	LCS dup	9/16/2020	Organic	2,4,6-Trichlorophenol	n/a	=	19.5	µg/L	EPA 625.1	0.22	1			
2020/21-PRE	Lab	LCS dup, rec	9/16/2020	Organic	2,4,6-Trichlorophenol	n/a	=	78	%	EPA 625.1	-88	-88	52	129	
2020/21-PRE	Lab	LCS, RPD	9/16/2020	Organic	2,4,6-Trichlorophenol	n/a	=	3	%	EPA 625.1	-88	-88	0	30	
2020/21-PRE	Lab	LCS	9/17/2020	Organic	2,4,6-Trichlorophenol	n/a	=	19	µg/L	EPA 625.1	0.22	1			
2020/21-PRE	Lab	LCS, rec	9/17/2020	Organic	2,4,6-Trichlorophenol	n/a	=	76	%	EPA 625.1	-88	-88	52	129	
2020/21-PRE	Lab	method blank	9/17/2020	Organic	2,4,6-Trichlorophenol	n/a	<	0.22	µg/L	EPA 625.1	0.22	1			
2020/21-PRE	Tubing Blank	equip blank	9/15/2020	Organic	2,4,6-Trichlorophenol	n/a	<	0.22	µg/L	EPA 625.1	0.22	1			
2020/21-PRE	000NONPJ	matrix spike	9/14/2020	Organic	2,4-Dichlorophenol	n/a	=	47.1	µg/L	EPA 625.1	1	4			
2020/21-PRE	000NONPJ	matrix spike, rec	9/14/2020	Organic	2,4-Dichlorophenol	n/a	=	94	%	EPA 625.1	-88	-88	39	135	
2020/21-PRE	000NONPJ	matrix spike dup	9/14/2020	Organic	2,4-Dichlorophenol	n/a	=	41	µg/L	EPA 625.1	1	4			
2020/21-PRE	000NONPJ	matrix spike dup, rec	9/14/2020	Organic	2,4-Dichlorophenol	n/a	=	82	%	EPA 625.1	-88	-88	39	135	
2020/21-PRE	000NONPJ	matrix spike, RPD	9/14/2020	Organic	2,4-Dichlorophenol	n/a	=	14	%	EPA 625.1	-88	-88	0	30	
2020/21-PRE	000NONPJ	matrix spike	9/14/2020	Organic	2,4-Dichlorophenol	n/a	=	225	µg/L	EPA 625.1	2.6	10			
2020/21-PRE	000NONPJ	matrix spike, rec	9/14/2020	Organic	2,4-Dichlorophenol	n/a	=	90	%	EPA 625.1	-88	-88	39	135	
2020/21-PRE	000NONPJ	matrix spike dup	9/15/2020	Organic	2,4-Dichlorophenol	n/a	=	238	µg/L	EPA 625.1	2.6	10			
2020/21-PRE	000NONPJ	matrix spike dup, rec	9/15/2020	Organic	2,4-Dichlorophenol	n/a	=	95	%	EPA 625.1	-88	-88	39	135	
2020/21-PRE	000NONPJ	matrix spike, RPD	9/15/2020	Organic	2,4-Dichlorophenol	n/a	=	6	%	EPA 625.1	-88	-88	0	30	
2020/21-PRE	000NONPJ	lab duplicate	9/15/2020	Organic	2,4-Dichlorophenol	n/a	<	1	µg/L	EPA 625.1	1	4		30	DF,DG
2020/21-PRE	000NONPJ	lab duplicate	9/15/2020	Organic	2,4-Dichlorophenol	n/a	<	2.6	µg/L	EPA 625.1	2.6	10		30	DF,DG
2020/21-PRE	Carboy Blank	equip blank	9/17/2020	Organic	2,4-Dichlorophenol	n/a	<	0.26	µg/L	EPA 625.1	0.26	1			
2020/21-PRE	Lab	LCS	9/14/2020	Organic	2,4-Dichlorophenol	n/a	=	22.3	µg/L	EPA 625.1	0.26	1			
2020/21-PRE	Lab	LCS, rec	9/14/2020	Organic	2,4-Dichlorophenol	n/a	=	89	%	EPA 625.1	-88	-88	53	122	
2020/21-PRE	Lab	method blank	9/15/2020	Organic	2,4-Dichlorophenol	n/a	<	0.26	µg/L	EPA 625.1	0.26	1			
2020/21-PRE	Lab	LCS dup	9/16/2020	Organic	2,4-Dichlorophenol	n/a	=	21.3	µg/L	EPA 625.1	0.26	1			
2020/21-PRE	Lab	LCS dup, rec	9/16/2020	Organic	2,4-Dichlorophenol	n/a	=	85	%	EPA 625.1	-88	-88	53	122	
2020/21-PRE	Lab	LCS, RPD	9/16/2020	Organic	2,4-Dichlorophenol	n/a	=	2	%	EPA 625.1	-88	-88	0	30	
2020/21-PRE	Lab	LCS	9/17/2020	Organic	2,4-Dichlorophenol	n/a	=	20.8	µg/L	EPA 625.1	0.26	1			
2020/21-PRE	Lab	LCS, rec	9/17/2020	Organic	2,4-Dichlorophenol	n/a	=	83	%	EPA 625.1	-88	-88	53	122	
2020/21-PRE	Lab	method blank	9/17/2020	Organic	2,4-Dichlorophenol	n/a	<	0.26	µg/L	EPA 625.1	0.26	1			
2020/21-PRE	Tubing Blank	equip blank	9/15/2020	Organic	2,4-Dichlorophenol	n/a	<	0.26	µg/L	EPA 625.1	0.26	1			
2020/21-PRE	000NONPJ	matrix spike	9/14/2020	Organic	2,4-Dimethylphenol	n/a	=	41.1	µg/L	EPA 625.1	1.2	4			
2020/21-PRE	000NONPJ	matrix spike, rec	9/14/2020	Organic	2,4-Dimethylphenol	n/a	=	82	%	EPA 625.1	-88	-88	32	130	
2020/21-PRE	000NONPJ	matrix spike dup	9/14/2020	Organic	2,4-Dimethylphenol	n/a	=	40.6	µg/L	EPA 625.1	1.2	4			
2020/21-PRE	000NONPJ	matrix spike dup, rec	9/14/2020	Organic	2,4-Dimethylphenol	n/a	=	81	%	EPA 625.1	-88	-88	32	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	
2020/21-PRE	000NONPJ	matrix spike, RPD	9/14/2020	Organic	2,4-Dimethylphenol	n/a	=	1	%	EPA 625.1	-88	-88	0	30	
2020/21-PRE	000NONPJ	matrix spike	9/14/2020	Organic	2,4-Dimethylphenol	n/a	=	234	µg/L	EPA 625.1	3	10			
2020/21-PRE	000NONPJ	matrix spike, rec	9/14/2020	Organic	2,4-Dimethylphenol	n/a	=	94	%	EPA 625.1	-88	-88	32	130	
2020/21-PRE	000NONPJ	matrix spike dup	9/15/2020	Organic	2,4-Dimethylphenol	n/a	=	246	µg/L	EPA 625.1	3	10			
2020/21-PRE	000NONPJ	matrix spike dup, rec	9/15/2020	Organic	2,4-Dimethylphenol	n/a	=	98	%	EPA 625.1	-88	-88	32	130	
2020/21-PRE	000NONPJ	matrix spike, RPD	9/15/2020	Organic	2,4-Dimethylphenol	n/a	=	5	%	EPA 625.1	-88	-88	0	30	
2020/21-PRE	000NONPJ	lab duplicate	9/15/2020	Organic	2,4-Dimethylphenol	n/a	<	1.2	µg/L	EPA 625.1	1.2	4		30	DF,DG
2020/21-PRE	000NONPJ	lab duplicate	9/15/2020	Organic	2,4-Dimethylphenol	n/a	<	3	µg/L	EPA 625.1	3	10		30	DF,DG
2020/21-PRE	Carboy Blank	equip blank	9/17/2020	Organic	2,4-Dimethylphenol	n/a	<	0.3	µg/L	EPA 625.1	0.3	1			
2020/21-PRE	Lab	LCS	9/14/2020	Organic	2,4-Dimethylphenol	n/a	=	14.9	µg/L	EPA 625.1	0.3	1			
2020/21-PRE	Lab	LCS, rec	9/14/2020	Organic	2,4-Dimethylphenol	n/a	=	59	%	EPA 625.1	-88	-88	42	120	
2020/21-PRE	Lab	method blank	9/15/2020	Organic	2,4-Dimethylphenol	n/a	<	0.3	µg/L	EPA 625.1	0.3	1			
2020/21-PRE	Lab	LCS dup	9/16/2020	Organic	2,4-Dimethylphenol	n/a	=	21.7	µg/L	EPA 625.1	0.3	1			
2020/21-PRE	Lab	LCS dup, rec	9/16/2020	Organic	2,4-Dimethylphenol	n/a	=	87	%	EPA 625.1	-88	-88	42	120	
2020/21-PRE	Lab	LCS, RPD	9/16/2020	Organic	2,4-Dimethylphenol	n/a	=	6	%	EPA 625.1	-88	-88	0	30	
2020/21-PRE	Lab	LCS	9/17/2020	Organic	2,4-Dimethylphenol	n/a	=	20.4	µg/L	EPA 625.1	0.3	1			
2020/21-PRE	Lab	LCS, rec	9/17/2020	Organic	2,4-Dimethylphenol	n/a	=	81	%	EPA 625.1	-88	-88	42	120	
2020/21-PRE	Lab	method blank	9/17/2020	Organic	2,4-Dimethylphenol	n/a	<	0.3	µg/L	EPA 625.1	0.3	1			
2020/21-PRE	Tubing Blank	equip blank	9/15/2020	Organic	2,4-Dimethylphenol	n/a	<	0.3	µg/L	EPA 625.1	0.3	1			
2020/21-PRE	000NONPJ	matrix spike	9/14/2020	Organic	2,4-Dinitrophenol	n/a	DNQ	10.9	µg/L	EPA 625.1	7.5	40			
2020/21-PRE	000NONPJ	matrix spike, rec	9/14/2020	Organic	2,4-Dinitrophenol	n/a	=	22	%	EPA 625.1	-88	-88	0.1	191	
2020/21-PRE	000NONPJ	matrix spike dup	9/14/2020	Organic	2,4-Dinitrophenol	n/a	DNQ	6.6	µg/L	EPA 625.1	0	40			IL
2020/21-PRE	000NONPJ	matrix spike dup, rec	9/14/2020	Organic	2,4-Dinitrophenol	n/a	=	13	%	EPA 625.1	-88	-88	0.1	191	IL
2020/21-PRE	000NONPJ	matrix spike, RPD	9/14/2020	Organic	2,4-Dinitrophenol	n/a	=	49	%	EPA 625.1	-88	-88	0	30	IL
2020/21-PRE	000NONPJ	matrix spike	9/14/2020	Organic	2,4-Dinitrophenol	n/a	=	294	µg/L	EPA 625.1	19	100			
2020/21-PRE	000NONPJ	matrix spike, rec	9/14/2020	Organic	2,4-Dinitrophenol	n/a	=	118	%	EPA 625.1	-88	-88	0.1	191	
2020/21-PRE	000NONPJ	matrix spike dup	9/15/2020	Organic	2,4-Dinitrophenol	n/a	=	289	µg/L	EPA 625.1	19	100			
2020/21-PRE	000NONPJ	matrix spike dup, rec	9/15/2020	Organic	2,4-Dinitrophenol	n/a	=	116	%	EPA 625.1	-88	-88	0.1	191	
2020/21-PRE	000NONPJ	matrix spike, RPD	9/15/2020	Organic	2,4-Dinitrophenol	n/a	=	2	%	EPA 625.1	-88	-88	0	30	
2020/21-PRE	000NONPJ	lab duplicate	9/15/2020	Organic	2,4-Dinitrophenol	n/a	<	7.5	µg/L	EPA 625.1	7.5	40		30	DF,DG
2020/21-PRE	000NONPJ	lab duplicate	9/15/2020	Organic	2,4-Dinitrophenol	n/a	<	19	µg/L	EPA 625.1	19	100		30	DF,DG
2020/21-PRE	Carboy Blank	equip blank	9/17/2020	Organic	2,4-Dinitrophenol	n/a	<	1.9	µg/L	EPA 625.1	1.9	10			
2020/21-PRE	Lab	LCS	9/14/2020	Organic	2,4-Dinitrophenol	n/a	=	25.5	µg/L	EPA 625.1	1.9	10			
2020/21-PRE	Lab	LCS, rec	9/14/2020	Organic	2,4-Dinitrophenol	n/a	=	102	%	EPA 625.1	-88	-88	0.1	173	
2020/21-PRE	Lab	method blank	9/15/2020	Organic	2,4-Dinitrophenol	n/a	<	1.9	µg/L	EPA 625.1	1.9	10			
2020/21-PRE	Lab	LCS dup	9/16/2020	Organic	2,4-Dinitrophenol	n/a	=	22.1	µg/L	EPA 625.1	1.9	10			
2020/21-PRE	Lab	LCS dup, rec	9/16/2020	Organic	2,4-Dinitrophenol	n/a	=	88	%	EPA 625.1	-88	-88	0.1	173	
2020/21-PRE	Lab	LCS, RPD	9/16/2020	Organic	2,4-Dinitrophenol	n/a	=	2	%	EPA 625.1	-88	-88	0	30	
2020/21-PRE	Lab	LCS	9/17/2020	Organic	2,4-Dinitrophenol	n/a	=	21.8	µg/L	EPA 625.1	1.9	10			
2020/21-PRE	Lab	LCS, rec	9/17/2020	Organic	2,4-Dinitrophenol	n/a	=	87	%	EPA 625.1	-88	-88	0.1	173	
2020/21-PRE	Lab	method blank	9/17/2020	Organic	2,4-Dinitrophenol	n/a	<	1.9	µg/L	EPA 625.1	1.9	10			
2020/21-PRE	Tubing Blank	equip blank	9/15/2020	Organic	2,4-Dinitrophenol	n/a	<	1.9	µg/L	EPA 625.1	1.9	10			
2020/21-PRE	000NONPJ	matrix spike	9/14/2020	Organic	2,4-Dinitrotoluene	n/a	<	0.72	µg/L	EPA 625.1	0.72	4			DF,DG,GB
2020/21-PRE	000NONPJ	matrix spike, rec	9/14/2020	Organic	2,4-Dinitrotoluene	n/a	=	0	%	EPA 625.1	-88	-88	39	139	DF,DG,GB
2020/21-PRE	000NONPJ	matrix spike dup	9/14/2020	Organic	2,4-Dinitrotoluene	n/a	<	0.72	µg/L	EPA 625.1	0.72	4			DF,DG,GB
2020/21-PRE	000NONPJ	matrix spike dup, rec	9/14/2020	Organic	2,4-Dinitrotoluene	n/a	=	0	%	EPA 625.1	-88	-88	39	139	DF,DG,GB
2020/21-PRE	000NONPJ	matrix spike, RPD	9/14/2020	Organic	2,4-Dinitrotoluene	n/a	=	0	%	EPA 625.1	-88	-88	0	30	DF,DG,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	
2020/21-PRE	000NONPJ	matrix spike	9/14/2020	Organic	2,4-Dinitrotoluene	n/a	=	165	µg/L	EPA 625.1	1.8	10			
2020/21-PRE	000NONPJ	matrix spike, rec	9/14/2020	Organic	2,4-Dinitrotoluene	n/a	=	66	%	EPA 625.1	-88	-88	39	139	
2020/21-PRE	000NONPJ	matrix spike dup	9/15/2020	Organic	2,4-Dinitrotoluene	n/a	=	165	µg/L	EPA 625.1	1.8	10			
2020/21-PRE	000NONPJ	matrix spike dup, rec	9/15/2020	Organic	2,4-Dinitrotoluene	n/a	=	66	%	EPA 625.1	-88	-88	39	139	
2020/21-PRE	000NONPJ	matrix spike, RPD	9/15/2020	Organic	2,4-Dinitrotoluene	n/a	=	0.06	%	EPA 625.1	-88	-88	0	30	
2020/21-PRE	000NONPJ	lab duplicate	9/15/2020	Organic	2,4-Dinitrotoluene	n/a	<	0.72	µg/L	EPA 625.1	0.72	4		30	DF,DG
2020/21-PRE	000NONPJ	lab duplicate	9/15/2020	Organic	2,4-Dinitrotoluene	n/a	<	1.8	µg/L	EPA 625.1	1.8	10		30	DF,DG
2020/21-PRE	Carboy Blank	equip blank	9/17/2020	Organic	2,4-Dinitrotoluene	n/a	<	0.18	µg/L	EPA 625.1	0.18	1			
2020/21-PRE	Lab	LCS	9/14/2020	Organic	2,4-Dinitrotoluene	n/a	=	19.3	µg/L	EPA 625.1	0.18	1			
2020/21-PRE	Lab	LCS, rec	9/14/2020	Organic	2,4-Dinitrotoluene	n/a	=	77	%	EPA 625.1	-88	-88	48	127	
2020/21-PRE	Lab	method blank	9/15/2020	Organic	2,4-Dinitrotoluene	n/a	<	0.18	µg/L	EPA 625.1	0.18	1			
2020/21-PRE	Lab	LCS dup	9/16/2020	Organic	2,4-Dinitrotoluene	n/a	=	18.5	µg/L	EPA 625.1	0.18	1			
2020/21-PRE	Lab	LCS dup, rec	9/16/2020	Organic	2,4-Dinitrotoluene	n/a	=	74	%	EPA 625.1	-88	-88	48	127	
2020/21-PRE	Lab	LCS, RPD	9/16/2020	Organic	2,4-Dinitrotoluene	n/a	=	8	%	EPA 625.1	-88	-88	0	30	
2020/21-PRE	Lab	LCS	9/17/2020	Organic	2,4-Dinitrotoluene	n/a	=	20	µg/L	EPA 625.1	0.18	1			
2020/21-PRE	Lab	LCS, rec	9/17/2020	Organic	2,4-Dinitrotoluene	n/a	=	80	%	EPA 625.1	-88	-88	48	127	
2020/21-PRE	Lab	method blank	9/17/2020	Organic	2,4-Dinitrotoluene	n/a	<	0.18	µg/L	EPA 625.1	0.18	1			
2020/21-PRE	Tubing Blank	equip blank	9/15/2020	Organic	2,4-Dinitrotoluene	n/a	<	0.18	µg/L	EPA 625.1	0.18	1			
2020/21-PRE	000NONPJ	matrix spike	9/14/2020	Organic	2,6-Dinitrotoluene	n/a	=	50.4	µg/L	EPA 625.1	1.1	4			
2020/21-PRE	000NONPJ	matrix spike, rec	9/14/2020	Organic	2,6-Dinitrotoluene	n/a	=	101	%	EPA 625.1	-88	-88	50	158	
2020/21-PRE	000NONPJ	matrix spike dup	9/14/2020	Organic	2,6-Dinitrotoluene	n/a	=	47.4	µg/L	EPA 625.1	1.1	4			
2020/21-PRE	000NONPJ	matrix spike dup, rec	9/14/2020	Organic	2,6-Dinitrotoluene	n/a	=	95	%	EPA 625.1	-88	-88	50	158	
2020/21-PRE	000NONPJ	matrix spike, RPD	9/14/2020	Organic	2,6-Dinitrotoluene	n/a	=	6	%	EPA 625.1	-88	-88	0	30	
2020/21-PRE	000NONPJ	matrix spike	9/14/2020	Organic	2,6-Dinitrotoluene	n/a	=	166	µg/L	EPA 625.1	2.7	10			
2020/21-PRE	000NONPJ	matrix spike, rec	9/14/2020	Organic	2,6-Dinitrotoluene	n/a	=	66	%	EPA 625.1	-88	-88	50	158	
2020/21-PRE	000NONPJ	matrix spike dup	9/15/2020	Organic	2,6-Dinitrotoluene	n/a	=	161	µg/L	EPA 625.1	2.7	10			
2020/21-PRE	000NONPJ	matrix spike dup, rec	9/15/2020	Organic	2,6-Dinitrotoluene	n/a	=	64	%	EPA 625.1	-88	-88	50	158	
2020/21-PRE	000NONPJ	matrix spike, RPD	9/15/2020	Organic	2,6-Dinitrotoluene	n/a	=	3	%	EPA 625.1	-88	-88	0	30	
2020/21-PRE	000NONPJ	lab duplicate	9/15/2020	Organic	2,6-Dinitrotoluene	n/a	<	1.1	µg/L	EPA 625.1	1.1	4		30	DF,DG
2020/21-PRE	000NONPJ	lab duplicate	9/15/2020	Organic	2,6-Dinitrotoluene	n/a	<	2.7	µg/L	EPA 625.1	2.7	10		30	DF,DG
2020/21-PRE	Carboy Blank	equip blank	9/17/2020	Organic	2,6-Dinitrotoluene	n/a	<	0.27	µg/L	EPA 625.1	0.27	1			
2020/21-PRE	Lab	LCS	9/14/2020	Organic	2,6-Dinitrotoluene	n/a	=	21.4	µg/L	EPA 625.1	0.27	1			
2020/21-PRE	Lab	LCS, rec	9/14/2020	Organic	2,6-Dinitrotoluene	n/a	=	85	%	EPA 625.1	-88	-88	68	137	
2020/21-PRE	Lab	method blank	9/15/2020	Organic	2,6-Dinitrotoluene	n/a	<	0.27	µg/L	EPA 625.1	0.27	1			
2020/21-PRE	Lab	LCS dup	9/16/2020	Organic	2,6-Dinitrotoluene	n/a	=	19.2	µg/L	EPA 625.1	0.27	1			
2020/21-PRE	Lab	LCS dup, rec	9/16/2020	Organic	2,6-Dinitrotoluene	n/a	=	77	%	EPA 625.1	-88	-88	68	137	
2020/21-PRE	Lab	LCS, RPD	9/16/2020	Organic	2,6-Dinitrotoluene	n/a	=	3	%	EPA 625.1	-88	-88	0	30	
2020/21-PRE	Lab	LCS	9/17/2020	Organic	2,6-Dinitrotoluene	n/a	=	19.8	µg/L	EPA 625.1	0.27	1			
2020/21-PRE	Lab	LCS, rec	9/17/2020	Organic	2,6-Dinitrotoluene	n/a	=	79	%	EPA 625.1	-88	-88	68	137	
2020/21-PRE	Lab	method blank	9/17/2020	Organic	2,6-Dinitrotoluene	n/a	<	0.27	µg/L	EPA 625.1	0.27	1			
2020/21-PRE	Tubing Blank	equip blank	9/15/2020	Organic	2,6-Dinitrotoluene	n/a	<	0.27	µg/L	EPA 625.1	0.27	1			
2020/21-PRE	000NONPJ	matrix spike	9/14/2020	Organic	2-Chloronaphthalene	n/a	=	30	µg/L	EPA 625.1	1.8	4			
2020/21-PRE	000NONPJ	matrix spike, rec	9/14/2020	Organic	2-Chloronaphthalene	n/a	=	60	%	EPA 625.1	-88	-88	60	120	
2020/21-PRE	000NONPJ	matrix spike dup	9/14/2020	Organic	2-Chloronaphthalene	n/a	=	33.3	µg/L	EPA 625.1	1.8	4			
2020/21-PRE	000NONPJ	matrix spike dup, rec	9/14/2020	Organic	2-Chloronaphthalene	n/a	=	67	%	EPA 625.1	-88	-88	60	120	
2020/21-PRE	000NONPJ	matrix spike, RPD	9/14/2020	Organic	2-Chloronaphthalene	n/a	=	11	%	EPA 625.1	-88	-88	0	30	
2020/21-PRE	000NONPJ	matrix spike	9/14/2020	Organic	2-Chloronaphthalene	n/a	=	177	µg/L	EPA 625.1	4.5	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	
2020/21-PRE	000NONPJ	matrix spike, rec	9/14/2020	Organic	2-Chloronaphthalene	n/a	=	71	%	EPA 625.1	-88	-88	60	120	
2020/21-PRE	000NONPJ	matrix spike dup	9/15/2020	Organic	2-Chloronaphthalene	n/a	=	182	µg/L	EPA 625.1	4.5	10			
2020/21-PRE	000NONPJ	matrix spike dup, rec	9/15/2020	Organic	2-Chloronaphthalene	n/a	=	73	%	EPA 625.1	-88	-88	60	120	
2020/21-PRE	000NONPJ	matrix spike, RPD	9/15/2020	Organic	2-Chloronaphthalene	n/a	=	3	%	EPA 625.1	-88	-88	0	30	
2020/21-PRE	000NONPJ	lab duplicate	9/15/2020	Organic	2-Chloronaphthalene	n/a	<	1.8	µg/L	EPA 625.1	1.8	4		30	DF,DG
2020/21-PRE	000NONPJ	lab duplicate	9/15/2020	Organic	2-Chloronaphthalene	n/a	<	4.5	µg/L	EPA 625.1	4.5	10		30	DF,DG
2020/21-PRE	Carboy Blank	equip blank	9/17/2020	Organic	2-Chloronaphthalene	n/a	<	0.45	µg/L	EPA 625.1	0.45	1			
2020/21-PRE	Lab	LCS	9/14/2020	Organic	2-Chloronaphthalene	n/a	=	20.5	µg/L	EPA 625.1	0.45	1			
2020/21-PRE	Lab	LCS, rec	9/14/2020	Organic	2-Chloronaphthalene	n/a	=	82	%	EPA 625.1	-88	-88	65	120	
2020/21-PRE	Lab	method blank	9/15/2020	Organic	2-Chloronaphthalene	n/a	<	0.45	µg/L	EPA 625.1	0.45	1			
2020/21-PRE	Lab	LCS dup	9/16/2020	Organic	2-Chloronaphthalene	n/a	=	19.8	µg/L	EPA 625.1	0.45	1			
2020/21-PRE	Lab	LCS dup, rec	9/16/2020	Organic	2-Chloronaphthalene	n/a	=	79	%	EPA 625.1	-88	-88	65	120	
2020/21-PRE	Lab	LCS, RPD	9/16/2020	Organic	2-Chloronaphthalene	n/a	=	5	%	EPA 625.1	-88	-88	0	30	
2020/21-PRE	Lab	LCS	9/17/2020	Organic	2-Chloronaphthalene	n/a	=	18.9	µg/L	EPA 625.1	0.45	1			
2020/21-PRE	Lab	LCS, rec	9/17/2020	Organic	2-Chloronaphthalene	n/a	=	76	%	EPA 625.1	-88	-88	65	120	
2020/21-PRE	Lab	method blank	9/17/2020	Organic	2-Chloronaphthalene	n/a	<	0.45	µg/L	EPA 625.1	0.45	1			
2020/21-PRE	Tubing Blank	equip blank	9/15/2020	Organic	2-Chloronaphthalene	n/a	<	0.45	µg/L	EPA 625.1	0.45	1			
2020/21-PRE	000NONPJ	matrix spike	9/14/2020	Organic	2-Chlorophenol	n/a	=	34.3	µg/L	EPA 625.1	1.1	4			
2020/21-PRE	000NONPJ	matrix spike, rec	9/14/2020	Organic	2-Chlorophenol	n/a	=	69	%	EPA 625.1	-88	-88	23	134	
2020/21-PRE	000NONPJ	matrix spike dup	9/14/2020	Organic	2-Chlorophenol	n/a	=	41.5	µg/L	EPA 625.1	1.1	4			
2020/21-PRE	000NONPJ	matrix spike dup, rec	9/14/2020	Organic	2-Chlorophenol	n/a	=	83	%	EPA 625.1	-88	-88	23	134	
2020/21-PRE	000NONPJ	matrix spike, RPD	9/14/2020	Organic	2-Chlorophenol	n/a	=	19	%	EPA 625.1	-88	-88	0	30	
2020/21-PRE	000NONPJ	matrix spike	9/14/2020	Organic	2-Chlorophenol	n/a	=	185	µg/L	EPA 625.1	2.8	10			
2020/21-PRE	000NONPJ	matrix spike, rec	9/14/2020	Organic	2-Chlorophenol	n/a	=	74	%	EPA 625.1	-88	-88	23	134	
2020/21-PRE	000NONPJ	matrix spike dup	9/15/2020	Organic	2-Chlorophenol	n/a	=	199	µg/L	EPA 625.1	2.8	10			
2020/21-PRE	000NONPJ	matrix spike dup, rec	9/15/2020	Organic	2-Chlorophenol	n/a	=	79	%	EPA 625.1	-88	-88	23	134	
2020/21-PRE	000NONPJ	matrix spike, RPD	9/15/2020	Organic	2-Chlorophenol	n/a	=	7	%	EPA 625.1	-88	-88	0	30	
2020/21-PRE	000NONPJ	lab duplicate	9/15/2020	Organic	2-Chlorophenol	n/a	<	1.1	µg/L	EPA 625.1	1.1	4		30	DF,DG
2020/21-PRE	000NONPJ	lab duplicate	9/15/2020	Organic	2-Chlorophenol	n/a	<	2.8	µg/L	EPA 625.1	2.8	10		30	DF,DG
2020/21-PRE	Carboy Blank	equip blank	9/17/2020	Organic	2-Chlorophenol	n/a	<	0.28	µg/L	EPA 625.1	0.28	1			
2020/21-PRE	Lab	LCS	9/14/2020	Organic	2-Chlorophenol	n/a	=	20.6	µg/L	EPA 625.1	0.28	1			
2020/21-PRE	Lab	LCS, rec	9/14/2020	Organic	2-Chlorophenol	n/a	=	82	%	EPA 625.1	-88	-88	36	120	
2020/21-PRE	Lab	method blank	9/15/2020	Organic	2-Chlorophenol	n/a	<	0.28	µg/L	EPA 625.1	0.28	1			
2020/21-PRE	Lab	LCS dup	9/16/2020	Organic	2-Chlorophenol	n/a	=	20	µg/L	EPA 625.1	0.28	1			
2020/21-PRE	Lab	LCS dup, rec	9/16/2020	Organic	2-Chlorophenol	n/a	=	80	%	EPA 625.1	-88	-88	36	120	
2020/21-PRE	Lab	LCS, RPD	9/16/2020	Organic	2-Chlorophenol	n/a	=	1	%	EPA 625.1	-88	-88	0	30	
2020/21-PRE	Lab	LCS	9/17/2020	Organic	2-Chlorophenol	n/a	=	20.2	µg/L	EPA 625.1	0.28	1			
2020/21-PRE	Lab	LCS, rec	9/17/2020	Organic	2-Chlorophenol	n/a	=	81	%	EPA 625.1	-88	-88	36	120	
2020/21-PRE	Lab	method blank	9/17/2020	Organic	2-Chlorophenol	n/a	<	0.28	µg/L	EPA 625.1	0.28	1			
2020/21-PRE	Tubing Blank	equip blank	9/15/2020	Organic	2-Chlorophenol	n/a	<	0.28	µg/L	EPA 625.1	0.28	1			
2020/21-PRE	000NONPJ	srgt matrix spike	9/14/2020	Organic	2-Fluorobiphenyl	n/a	=	28.5	µg/L	EPA 625.1	-88	-88			
2020/21-PRE	000NONPJ	srgt matrix spike, rec	9/14/2020	Organic	2-Fluorobiphenyl	n/a	=	57	%	EPA 625.1	-88	-88	22	120	
2020/21-PRE	000NONPJ	srgt matrix spike dup	9/14/2020	Organic	2-Fluorobiphenyl	n/a	=	31.7	µg/L	EPA 625.1	-88	-88			
2020/21-PRE	000NONPJ	srgt matrix spike dup, rec	9/14/2020	Organic	2-Fluorobiphenyl	n/a	=	63	%	EPA 625.1	-88	-88	22	120	
2020/21-PRE	000NONPJ	srgt matrix spike	9/14/2020	Organic	2-Fluorobiphenyl	n/a	=	170	µg/L	EPA 625.1	-88	-88			
2020/21-PRE	000NONPJ	srgt matrix spike, rec	9/14/2020	Organic	2-Fluorobiphenyl	n/a	=	68	%	EPA 625.1	-88	-88	22	120	
2020/21-PRE	000NONPJ	srgt matrix spike dup	9/15/2020	Organic	2-Fluorobiphenyl	n/a	=	178	µg/L	EPA 625.1	-88	-88			

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													Min	Max	
2020/21-PRE	000NONPJ	srgt matrix spike dup, rec	9/15/2020	Organic	2-Fluorobiphenyl	n/a	=	71	%	EPA 625.1	-88	-88	22	120	
2020/21-PRE	000NONPJ	srgt lab duplicate	9/15/2020	Organic	2-Fluorobiphenyl	n/a	=	28.5	µg/L	EPA 625.1	-88	-88			
2020/21-PRE	000NONPJ	srgt lab duplicate, rec	9/15/2020	Organic	2-Fluorobiphenyl	n/a	=	57	%	EPA 625.1	-88	-88	22	120	
2020/21-PRE	000NONPJ	srgt lab duplicate	9/15/2020	Organic	2-Fluorobiphenyl	n/a	=	159	µg/L	EPA 625.1	-88	-88			
2020/21-PRE	000NONPJ	srgt lab duplicate, rec	9/15/2020	Organic	2-Fluorobiphenyl	n/a	=	64	%	EPA 625.1	-88	-88	22	120	
2020/21-PRE	Carboy Blank	srgt equip blank	9/17/2020	Organic	2-Fluorobiphenyl	n/a	=	15.5	µg/L	EPA 625.1	-88	-88			
2020/21-PRE	Carboy Blank	srgt equip blank, rec	9/17/2020	Organic	2-Fluorobiphenyl	n/a	=	62	%	EPA 625.1	-88	-88	22	120	
2020/21-PRE	Lab	srgt LCS	9/14/2020	Organic	2-Fluorobiphenyl	n/a	=	21.2	µg/L	EPA 625.1	-88	-88			
2020/21-PRE	Lab	srgt LCS, rec	9/14/2020	Organic	2-Fluorobiphenyl	n/a	=	85	%	EPA 625.1	-88	-88	22	120	
2020/21-PRE	Lab	srgt method blank	9/15/2020	Organic	2-Fluorobiphenyl	n/a	=	19.1	µg/L	EPA 625.1	-88	-88			
2020/21-PRE	Lab	srgt method blank, rec	9/15/2020	Organic	2-Fluorobiphenyl	n/a	=	77	%	EPA 625.1	-88	-88	22	120	
2020/21-PRE	Lab	srgt LCS dup	9/16/2020	Organic	2-Fluorobiphenyl	n/a	=	19	µg/L	EPA 625.1	-88	-88			
2020/21-PRE	Lab	srgt LCS dup, rec	9/16/2020	Organic	2-Fluorobiphenyl	n/a	=	76	%	EPA 625.1	-88	-88	22	120	
2020/21-PRE	Lab	srgt LCS	9/17/2020	Organic	2-Fluorobiphenyl	n/a	=	18.3	µg/L	EPA 625.1	-88	-88			
2020/21-PRE	Lab	srgt LCS, rec	9/17/2020	Organic	2-Fluorobiphenyl	n/a	=	73	%	EPA 625.1	-88	-88	22	120	
2020/21-PRE	Lab	srgt method blank	9/17/2020	Organic	2-Fluorobiphenyl	n/a	=	17.3	µg/L	EPA 625.1	-88	-88			
2020/21-PRE	Lab	srgt method blank, rec	9/17/2020	Organic	2-Fluorobiphenyl	n/a	=	69	%	EPA 625.1	-88	-88	22	120	
2020/21-PRE	Tubing Blank	srgt equip blank	9/15/2020	Organic	2-Fluorobiphenyl	n/a	=	20.2	µg/L	EPA 625.1	-88	-88			
2020/21-PRE	Tubing Blank	srgt equip blank, rec	9/15/2020	Organic	2-Fluorobiphenyl	n/a	=	77	%	EPA 625.1	-88	-88	22	120	
2020/21-PRE	000NONPJ	srgt matrix spike	9/14/2020	Organic	2-Fluorophenol	n/a	=	47.4	µg/L	EPA 625.1	-88	-88			
2020/21-PRE	000NONPJ	srgt matrix spike, rec	9/14/2020	Organic	2-Fluorophenol	n/a	=	47	%	EPA 625.1	-88	-88	17	120	
2020/21-PRE	000NONPJ	srgt matrix spike dup	9/14/2020	Organic	2-Fluorophenol	n/a	=	58.4	µg/L	EPA 625.1	-88	-88			
2020/21-PRE	000NONPJ	srgt matrix spike dup, rec	9/14/2020	Organic	2-Fluorophenol	n/a	=	58	%	EPA 625.1	-88	-88	17	120	
2020/21-PRE	000NONPJ	srgt matrix spike	9/14/2020	Organic	2-Fluorophenol	n/a	=	268	µg/L	EPA 625.1	-88	-88			
2020/21-PRE	000NONPJ	srgt matrix spike, rec	9/14/2020	Organic	2-Fluorophenol	n/a	=	54	%	EPA 625.1	-88	-88	17	120	
2020/21-PRE	000NONPJ	srgt matrix spike dup	9/15/2020	Organic	2-Fluorophenol	n/a	=	292	µg/L	EPA 625.1	-88	-88			
2020/21-PRE	000NONPJ	srgt matrix spike dup, rec	9/15/2020	Organic	2-Fluorophenol	n/a	=	58	%	EPA 625.1	-88	-88	17	120	
2020/21-PRE	000NONPJ	srgt lab duplicate	9/15/2020	Organic	2-Fluorophenol	n/a	=	50.2	µg/L	EPA 625.1	-88	-88			
2020/21-PRE	000NONPJ	srgt lab duplicate, rec	9/15/2020	Organic	2-Fluorophenol	n/a	=	50	%	EPA 625.1	-88	-88	17	120	
2020/21-PRE	000NONPJ	srgt lab duplicate	9/15/2020	Organic	2-Fluorophenol	n/a	=	280	µg/L	EPA 625.1	-88	-88			
2020/21-PRE	000NONPJ	srgt lab duplicate, rec	9/15/2020	Organic	2-Fluorophenol	n/a	=	56	%	EPA 625.1	-88	-88	17	120	
2020/21-PRE	Carboy Blank	srgt equip blank	9/17/2020	Organic	2-Fluorophenol	n/a	=	25.4	µg/L	EPA 625.1	-88	-88			
2020/21-PRE	Carboy Blank	srgt equip blank, rec	9/17/2020	Organic	2-Fluorophenol	n/a	=	51	%	EPA 625.1	-88	-88	17	120	
2020/21-PRE	Lab	srgt LCS	9/14/2020	Organic	2-Fluorophenol	n/a	=	29.6	µg/L	EPA 625.1	-88	-88			
2020/21-PRE	Lab	srgt LCS, rec	9/14/2020	Organic	2-Fluorophenol	n/a	=	59	%	EPA 625.1	-88	-88	17	120	
2020/21-PRE	Lab	srgt method blank	9/15/2020	Organic	2-Fluorophenol	n/a	=	30.1	µg/L	EPA 625.1	-88	-88			
2020/21-PRE	Lab	srgt method blank, rec	9/15/2020	Organic	2-Fluorophenol	n/a	=	60	%	EPA 625.1	-88	-88	17	120	
2020/21-PRE	Lab	srgt LCS dup	9/16/2020	Organic	2-Fluorophenol	n/a	=	27.7	µg/L	EPA 625.1	-88	-88			
2020/21-PRE	Lab	srgt LCS dup, rec	9/16/2020	Organic	2-Fluorophenol	n/a	=	55	%	EPA 625.1	-88	-88	17	120	
2020/21-PRE	Lab	srgt LCS	9/17/2020	Organic	2-Fluorophenol	n/a	=	27.4	µg/L	EPA 625.1	-88	-88			
2020/21-PRE	Lab	srgt LCS, rec	9/17/2020	Organic	2-Fluorophenol	n/a	=	55	%	EPA 625.1	-88	-88	17	120	
2020/21-PRE	Lab	srgt method blank	9/17/2020	Organic	2-Fluorophenol	n/a	=	28.3	µg/L	EPA 625.1	-88	-88			
2020/21-PRE	Lab	srgt method blank, rec	9/17/2020	Organic	2-Fluorophenol	n/a	=	57	%	EPA 625.1	-88	-88	17	120	
2020/21-PRE	Tubing Blank	srgt equip blank	9/15/2020	Organic	2-Fluorophenol	n/a	=	32.1	µg/L	EPA 625.1	-88	-88			
2020/21-PRE	Tubing Blank	srgt equip blank, rec	9/15/2020	Organic	2-Fluorophenol	n/a	=	61	%	EPA 625.1	-88	-88	17	120	
2020/21-PRE	000NONPJ	matrix spike	9/14/2020	Organic	2-Nitrophenol	n/a	=	38.8	µg/L	EPA 625.1	1	4			
2020/21-PRE	000NONPJ	matrix spike, rec	9/14/2020	Organic	2-Nitrophenol	n/a	=	78	%	EPA 625.1	-88	-88	29	182	

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Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2020/21-PRE	000NONPJ	matrix spike dup	9/14/2020	Organic	2-Nitrophenol	n/a	=	45.2	µg/L	EPA 625.1	1	4			
2020/21-PRE	000NONPJ	matrix spike dup, rec	9/14/2020	Organic	2-Nitrophenol	n/a	=	90	%	EPA 625.1	-88	-88	29	182	
2020/21-PRE	000NONPJ	matrix spike, RPD	9/14/2020	Organic	2-Nitrophenol	n/a	=	15	%	EPA 625.1	-88	-88	0	30	
2020/21-PRE	000NONPJ	matrix spike	9/14/2020	Organic	2-Nitrophenol	n/a	=	201	µg/L	EPA 625.1	2.6	10			
2020/21-PRE	000NONPJ	matrix spike, rec	9/14/2020	Organic	2-Nitrophenol	n/a	=	81	%	EPA 625.1	-88	-88	29	182	
2020/21-PRE	000NONPJ	matrix spike dup	9/15/2020	Organic	2-Nitrophenol	n/a	=	209	µg/L	EPA 625.1	2.6	10			
2020/21-PRE	000NONPJ	matrix spike dup, rec	9/15/2020	Organic	2-Nitrophenol	n/a	=	83	%	EPA 625.1	-88	-88	29	182	
2020/21-PRE	000NONPJ	matrix spike, RPD	9/15/2020	Organic	2-Nitrophenol	n/a	=	4	%	EPA 625.1	-88	-88	0	30	
2020/21-PRE	000NONPJ	lab duplicate	9/15/2020	Organic	2-Nitrophenol	n/a	<	1	µg/L	EPA 625.1	1	4		30	DF,DG
2020/21-PRE	000NONPJ	lab duplicate	9/15/2020	Organic	2-Nitrophenol	n/a	<	2.6	µg/L	EPA 625.1	2.6	10		30	DF,DG
2020/21-PRE	Carboy Blank	equip blank	9/17/2020	Organic	2-Nitrophenol	n/a	<	0.26	µg/L	EPA 625.1	0.26	1			
2020/21-PRE	Lab	LCS	9/14/2020	Organic	2-Nitrophenol	n/a	=	20.6	µg/L	EPA 625.1	0.26	1			
2020/21-PRE	Lab	LCS, rec	9/14/2020	Organic	2-Nitrophenol	n/a	=	82	%	EPA 625.1	-88	-88	45	167	
2020/21-PRE	Lab	method blank	9/15/2020	Organic	2-Nitrophenol	n/a	<	0.26	µg/L	EPA 625.1	0.26	1			
2020/21-PRE	Lab	LCS dup	9/16/2020	Organic	2-Nitrophenol	n/a	=	20.6	µg/L	EPA 625.1	0.26	1			
2020/21-PRE	Lab	LCS dup, rec	9/16/2020	Organic	2-Nitrophenol	n/a	=	82	%	EPA 625.1	-88	-88	45	167	
2020/21-PRE	Lab	LCS, RPD	9/16/2020	Organic	2-Nitrophenol	n/a	=	2	%	EPA 625.1	-88	-88	0	30	
2020/21-PRE	Lab	LCS	9/17/2020	Organic	2-Nitrophenol	n/a	=	20.1	µg/L	EPA 625.1	0.26	1			
2020/21-PRE	Lab	LCS, rec	9/17/2020	Organic	2-Nitrophenol	n/a	=	81	%	EPA 625.1	-88	-88	45	167	
2020/21-PRE	Lab	method blank	9/17/2020	Organic	2-Nitrophenol	n/a	<	0.26	µg/L	EPA 625.1	0.26	1			
2020/21-PRE	Tubing Blank	equip blank	9/15/2020	Organic	2-Nitrophenol	n/a	<	0.26	µg/L	EPA 625.1	0.26	1			
2020/21-PRE	000NONPJ	matrix spike	9/14/2020	Organic	3,3'-Dichlorobenzidine	n/a	DNQ	0.591	µg/L	EPA 625.1	0	20			
2020/21-PRE	000NONPJ	matrix spike, rec	9/14/2020	Organic	3,3'-Dichlorobenzidine	n/a	=	1	%	EPA 625.1	-88	-88	0.1	262	
2020/21-PRE	000NONPJ	matrix spike dup	9/14/2020	Organic	3,3'-Dichlorobenzidine	n/a	DNQ	0.263	µg/L	EPA 625.1	0	20			IL
2020/21-PRE	000NONPJ	matrix spike dup, rec	9/14/2020	Organic	3,3'-Dichlorobenzidine	n/a	=	0.5	%	EPA 625.1	-88	-88	0.1	262	IL
2020/21-PRE	000NONPJ	matrix spike, RPD	9/14/2020	Organic	3,3'-Dichlorobenzidine	n/a	=	200	%	EPA 625.1	-88	-88	0	30	IL
2020/21-PRE	000NONPJ	matrix spike	9/14/2020	Organic	3,3'-Dichlorobenzidine	n/a	=	70.3	µg/L	EPA 625.1	9.9	50			
2020/21-PRE	000NONPJ	matrix spike, rec	9/14/2020	Organic	3,3'-Dichlorobenzidine	n/a	=	28	%	EPA 625.1	-88	-88	0.1	262	
2020/21-PRE	000NONPJ	matrix spike dup	9/15/2020	Organic	3,3'-Dichlorobenzidine	n/a	=	69.7	µg/L	EPA 625.1	9.9	50			
2020/21-PRE	000NONPJ	matrix spike dup, rec	9/15/2020	Organic	3,3'-Dichlorobenzidine	n/a	=	28	%	EPA 625.1	-88	-88	0.1	262	
2020/21-PRE	000NONPJ	matrix spike, RPD	9/15/2020	Organic	3,3'-Dichlorobenzidine	n/a	=	0.9	%	EPA 625.1	-88	-88	0	30	
2020/21-PRE	000NONPJ	lab duplicate	9/15/2020	Organic	3,3'-Dichlorobenzidine	n/a	<	4	µg/L	EPA 625.1	4	20		30	DF,DG
2020/21-PRE	000NONPJ	lab duplicate	9/15/2020	Organic	3,3'-Dichlorobenzidine	n/a	<	9.9	µg/L	EPA 625.1	9.9	50		30	DF,DG
2020/21-PRE	Carboy Blank	equip blank	9/17/2020	Organic	3,3'-Dichlorobenzidine	n/a	<	0.99	µg/L	EPA 625.1	0.99	5			
2020/21-PRE	Lab	LCS	9/14/2020	Organic	3,3'-Dichlorobenzidine	n/a	=	18.8	µg/L	EPA 625.1	0.99	5			
2020/21-PRE	Lab	LCS, rec	9/14/2020	Organic	3,3'-Dichlorobenzidine	n/a	=	75	%	EPA 625.1	-88	-88	8	213	
2020/21-PRE	Lab	method blank	9/15/2020	Organic	3,3'-Dichlorobenzidine	n/a	<	0.99	µg/L	EPA 625.1	0.99	5			
2020/21-PRE	Lab	LCS dup	9/16/2020	Organic	3,3'-Dichlorobenzidine	n/a	=	20.4	µg/L	EPA 625.1	0.99	5			
2020/21-PRE	Lab	LCS dup, rec	9/16/2020	Organic	3,3'-Dichlorobenzidine	n/a	=	82	%	EPA 625.1	-88	-88	8	213	
2020/21-PRE	Lab	LCS, RPD	9/16/2020	Organic	3,3'-Dichlorobenzidine	n/a	=	23	%	EPA 625.1	-88	-88	0	30	
2020/21-PRE	Lab	LCS	9/17/2020	Organic	3,3'-Dichlorobenzidine	n/a	=	25.7	µg/L	EPA 625.1	0.99	5			
2020/21-PRE	Lab	LCS, rec	9/17/2020	Organic	3,3'-Dichlorobenzidine	n/a	=	103	%	EPA 625.1	-88	-88	8	213	
2020/21-PRE	Lab	method blank	9/17/2020	Organic	3,3'-Dichlorobenzidine	n/a	<	0.99	µg/L	EPA 625.1	0.99	5			
2020/21-PRE	Tubing Blank	equip blank	9/15/2020	Organic	3,3'-Dichlorobenzidine	n/a	<	0.99	µg/L	EPA 625.1	0.99	5			
2020/21-PRE	000NONPJ	matrix spike	9/14/2020	Organic	4,6-Dinitro-2-methylphenol	n/a	=	55.2	µg/L	EPA 625.1	5.6	20			
2020/21-PRE	000NONPJ	matrix spike, rec	9/14/2020	Organic	4,6-Dinitro-2-methylphenol	n/a	=	110	%	EPA 625.1	-88	-88	0.1	181	
2020/21-PRE	000NONPJ	matrix spike dup	9/14/2020	Organic	4,6-Dinitro-2-methylphenol	n/a	=	49.8	µg/L	EPA 625.1	5.6	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	
2020/21-PRE	000NONPJ	matrix spike dup, rec	9/14/2020	Organic	4,6-Dinitro-2-methylphenol	n/a	=	100	%	EPA 625.1	-88	-88	0.1	181	
2020/21-PRE	000NONPJ	matrix spike, RPD	9/14/2020	Organic	4,6-Dinitro-2-methylphenol	n/a	=	10	%	EPA 625.1	-88	-88	0	30	
2020/21-PRE	000NONPJ	matrix spike	9/14/2020	Organic	4,6-Dinitro-2-methylphenol	n/a	=	205	µg/L	EPA 625.1	14	50			
2020/21-PRE	000NONPJ	matrix spike, rec	9/14/2020	Organic	4,6-Dinitro-2-methylphenol	n/a	=	82	%	EPA 625.1	-88	-88	0.1	181	
2020/21-PRE	000NONPJ	matrix spike dup	9/15/2020	Organic	4,6-Dinitro-2-methylphenol	n/a	=	205	µg/L	EPA 625.1	14	50			
2020/21-PRE	000NONPJ	matrix spike dup, rec	9/15/2020	Organic	4,6-Dinitro-2-methylphenol	n/a	=	82	%	EPA 625.1	-88	-88	0.1	181	
2020/21-PRE	000NONPJ	matrix spike, RPD	9/15/2020	Organic	4,6-Dinitro-2-methylphenol	n/a	=	0.1	%	EPA 625.1	-88	-88	0	30	
2020/21-PRE	000NONPJ	lab duplicate	9/15/2020	Organic	4,6-Dinitro-2-methylphenol	n/a	<	5.6	µg/L	EPA 625.1	5.6	20		30	DF,DG
2020/21-PRE	000NONPJ	lab duplicate	9/15/2020	Organic	4,6-Dinitro-2-methylphenol	n/a	<	14	µg/L	EPA 625.1	14	50		30	DF,DG
2020/21-PRE	Carboy Blank	equip blank	9/17/2020	Organic	4,6-Dinitro-2-methylphenol	n/a	<	1.4	µg/L	EPA 625.1	1.4	5			
2020/21-PRE	Lab	LCS	9/14/2020	Organic	4,6-Dinitro-2-methylphenol	n/a	=	20.3	µg/L	EPA 625.1	1.4	5			
2020/21-PRE	Lab	LCS, rec	9/14/2020	Organic	4,6-Dinitro-2-methylphenol	n/a	=	81	%	EPA 625.1	-88	-88	53	130	
2020/21-PRE	Lab	method blank	9/15/2020	Organic	4,6-Dinitro-2-methylphenol	n/a	<	1.4	µg/L	EPA 625.1	1.4	5			
2020/21-PRE	Lab	LCS dup	9/16/2020	Organic	4,6-Dinitro-2-methylphenol	n/a	=	17.9	µg/L	EPA 625.1	1.4	5			
2020/21-PRE	Lab	LCS dup, rec	9/16/2020	Organic	4,6-Dinitro-2-methylphenol	n/a	=	71	%	EPA 625.1	-88	-88	53	130	
2020/21-PRE	Lab	LCS, RPD	9/16/2020	Organic	4,6-Dinitro-2-methylphenol	n/a	=	9	%	EPA 625.1	-88	-88	0	30	
2020/21-PRE	Lab	LCS	9/17/2020	Organic	4,6-Dinitro-2-methylphenol	n/a	=	19.5	µg/L	EPA 625.1	1.4	5			
2020/21-PRE	Lab	LCS, rec	9/17/2020	Organic	4,6-Dinitro-2-methylphenol	n/a	=	78	%	EPA 625.1	-88	-88	53	130	
2020/21-PRE	Lab	method blank	9/17/2020	Organic	4,6-Dinitro-2-methylphenol	n/a	<	1.4	µg/L	EPA 625.1	1.4	5			
2020/21-PRE	Tubing Blank	equip blank	9/15/2020	Organic	4,6-Dinitro-2-methylphenol	n/a	<	1.4	µg/L	EPA 625.1	1.4	5			
2020/21-PRE	000NONPJ	matrix spike	9/14/2020	Organic	4-Bromophenyl phenyl ether	n/a	=	45.8	µg/L	EPA 625.1	1.4	4			
2020/21-PRE	000NONPJ	matrix spike, rec	9/14/2020	Organic	4-Bromophenyl phenyl ether	n/a	=	92	%	EPA 625.1	-88	-88	53	127	
2020/21-PRE	000NONPJ	matrix spike dup	9/14/2020	Organic	4-Bromophenyl phenyl ether	n/a	=	43.2	µg/L	EPA 625.1	1.4	4			
2020/21-PRE	000NONPJ	matrix spike dup, rec	9/14/2020	Organic	4-Bromophenyl phenyl ether	n/a	=	86	%	EPA 625.1	-88	-88	53	127	
2020/21-PRE	000NONPJ	matrix spike, RPD	9/14/2020	Organic	4-Bromophenyl phenyl ether	n/a	=	6	%	EPA 625.1	-88	-88	0	30	
2020/21-PRE	000NONPJ	matrix spike	9/14/2020	Organic	4-Bromophenyl phenyl ether	n/a	=	171	µg/L	EPA 625.1	3.6	10			
2020/21-PRE	000NONPJ	matrix spike, rec	9/14/2020	Organic	4-Bromophenyl phenyl ether	n/a	=	68	%	EPA 625.1	-88	-88	53	127	
2020/21-PRE	000NONPJ	matrix spike dup	9/15/2020	Organic	4-Bromophenyl phenyl ether	n/a	=	168	µg/L	EPA 625.1	3.6	10			
2020/21-PRE	000NONPJ	matrix spike dup, rec	9/15/2020	Organic	4-Bromophenyl phenyl ether	n/a	=	67	%	EPA 625.1	-88	-88	53	127	
2020/21-PRE	000NONPJ	matrix spike, RPD	9/15/2020	Organic	4-Bromophenyl phenyl ether	n/a	=	2	%	EPA 625.1	-88	-88	0	30	
2020/21-PRE	000NONPJ	lab duplicate	9/15/2020	Organic	4-Bromophenyl phenyl ether	n/a	<	1.4	µg/L	EPA 625.1	1.4	4		30	DF,DG
2020/21-PRE	000NONPJ	lab duplicate	9/15/2020	Organic	4-Bromophenyl phenyl ether	n/a	<	3.6	µg/L	EPA 625.1	3.6	10		30	DF,DG
2020/21-PRE	Carboy Blank	equip blank	9/17/2020	Organic	4-Bromophenyl phenyl ether	n/a	<	0.36	µg/L	EPA 625.1	0.36	1			
2020/21-PRE	Lab	LCS	9/14/2020	Organic	4-Bromophenyl phenyl ether	n/a	=	20.5	µg/L	EPA 625.1	0.36	1			
2020/21-PRE	Lab	LCS, rec	9/14/2020	Organic	4-Bromophenyl phenyl ether	n/a	=	82	%	EPA 625.1	-88	-88	65	120	
2020/21-PRE	Lab	method blank	9/15/2020	Organic	4-Bromophenyl phenyl ether	n/a	<	0.36	µg/L	EPA 625.1	0.36	1			
2020/21-PRE	Lab	LCS dup	9/16/2020	Organic	4-Bromophenyl phenyl ether	n/a	=	19.2	µg/L	EPA 625.1	0.36	1			
2020/21-PRE	Lab	LCS dup, rec	9/16/2020	Organic	4-Bromophenyl phenyl ether	n/a	=	77	%	EPA 625.1	-88	-88	65	120	
2020/21-PRE	Lab	LCS, RPD	9/16/2020	Organic	4-Bromophenyl phenyl ether	n/a	=	5	%	EPA 625.1	-88	-88	0	30	
2020/21-PRE	Lab	LCS	9/17/2020	Organic	4-Bromophenyl phenyl ether	n/a	=	20	µg/L	EPA 625.1	0.36	1			
2020/21-PRE	Lab	LCS, rec	9/17/2020	Organic	4-Bromophenyl phenyl ether	n/a	=	80	%	EPA 625.1	-88	-88	65	120	
2020/21-PRE	Lab	method blank	9/17/2020	Organic	4-Bromophenyl phenyl ether	n/a	<	0.36	µg/L	EPA 625.1	0.36	1			
2020/21-PRE	Tubing Blank	equip blank	9/15/2020	Organic	4-Bromophenyl phenyl ether	n/a	<	0.36	µg/L	EPA 625.1	0.36	1			
2020/21-PRE	000NONPJ	matrix spike	9/14/2020	Organic	4-Chloro-3-methylphenol	n/a	=	45.9	µg/L	EPA 625.1	0.92	4			
2020/21-PRE	000NONPJ	matrix spike, rec	9/14/2020	Organic	4-Chloro-3-methylphenol	n/a	=	92	%	EPA 625.1	-88	-88	22	147	
2020/21-PRE	000NONPJ	matrix spike dup	9/14/2020	Organic	4-Chloro-3-methylphenol	n/a	=	42.3	µg/L	EPA 625.1	0.92	4			
2020/21-PRE	000NONPJ	matrix spike dup, rec	9/14/2020	Organic	4-Chloro-3-methylphenol	n/a	=	85	%	EPA 625.1	-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	
2020/21-PRE	000NONPJ	matrix spike, RPD	9/14/2020	Organic	4-Chloro-3-methylphenol	n/a	=	8	%	EPA 625.1	-88	-88	0	30	
2020/21-PRE	000NONPJ	matrix spike	9/14/2020	Organic	4-Chloro-3-methylphenol	n/a	=	181	µg/L	EPA 625.1	2.3	10			
2020/21-PRE	000NONPJ	matrix spike, rec	9/14/2020	Organic	4-Chloro-3-methylphenol	n/a	=	72	%	EPA 625.1	-88	-88	22	147	
2020/21-PRE	000NONPJ	matrix spike dup	9/15/2020	Organic	4-Chloro-3-methylphenol	n/a	=	181	µg/L	EPA 625.1	2.3	10			
2020/21-PRE	000NONPJ	matrix spike dup, rec	9/15/2020	Organic	4-Chloro-3-methylphenol	n/a	=	72	%	EPA 625.1	-88	-88	22	147	
2020/21-PRE	000NONPJ	matrix spike, RPD	9/15/2020	Organic	4-Chloro-3-methylphenol	n/a	=	0.01	%	EPA 625.1	-88	-88	0	30	
2020/21-PRE	000NONPJ	lab duplicate	9/15/2020	Organic	4-Chloro-3-methylphenol	n/a	<	0.92	µg/L	EPA 625.1	0.92	4		30	DF,DG
2020/21-PRE	000NONPJ	lab duplicate	9/15/2020	Organic	4-Chloro-3-methylphenol	n/a	<	2.3	µg/L	EPA 625.1	2.3	10		30	DF,DG
2020/21-PRE	Carboy Blank	equip blank	9/17/2020	Organic	4-Chloro-3-methylphenol	n/a	<	0.23	µg/L	EPA 625.1	0.23	1			
2020/21-PRE	Lab	LCS	9/14/2020	Organic	4-Chloro-3-methylphenol	n/a	=	20.9	µg/L	EPA 625.1	0.23	1			
2020/21-PRE	Lab	LCS, rec	9/14/2020	Organic	4-Chloro-3-methylphenol	n/a	=	84	%	EPA 625.1	-88	-88	41	128	
2020/21-PRE	Lab	method blank	9/15/2020	Organic	4-Chloro-3-methylphenol	n/a	<	0.23	µg/L	EPA 625.1	0.23	1			
2020/21-PRE	Lab	LCS dup	9/16/2020	Organic	4-Chloro-3-methylphenol	n/a	=	19.6	µg/L	EPA 625.1	0.23	1			
2020/21-PRE	Lab	LCS dup, rec	9/16/2020	Organic	4-Chloro-3-methylphenol	n/a	=	78	%	EPA 625.1	-88	-88	41	128	
2020/21-PRE	Lab	LCS, RPD	9/16/2020	Organic	4-Chloro-3-methylphenol	n/a	=	2	%	EPA 625.1	-88	-88	0	30	
2020/21-PRE	Lab	LCS	9/17/2020	Organic	4-Chloro-3-methylphenol	n/a	=	19.1	µg/L	EPA 625.1	0.23	1			
2020/21-PRE	Lab	LCS, rec	9/17/2020	Organic	4-Chloro-3-methylphenol	n/a	=	76	%	EPA 625.1	-88	-88	41	128	
2020/21-PRE	Lab	method blank	9/17/2020	Organic	4-Chloro-3-methylphenol	n/a	<	0.23	µg/L	EPA 625.1	0.23	1			
2020/21-PRE	Tubing Blank	equip blank	9/15/2020	Organic	4-Chloro-3-methylphenol	n/a	<	0.23	µg/L	EPA 625.1	0.23	1			
2020/21-PRE	000NONPJ	matrix spike	9/14/2020	Organic	4-Chlorophenyl phenyl ether	n/a	=	40.1	µg/L	EPA 625.1	1.6	4			
2020/21-PRE	000NONPJ	matrix spike, rec	9/14/2020	Organic	4-Chlorophenyl phenyl ether	n/a	=	80	%	EPA 625.1	-88	-88	25	158	
2020/21-PRE	000NONPJ	matrix spike dup	9/14/2020	Organic	4-Chlorophenyl phenyl ether	n/a	=	39	µg/L	EPA 625.1	1.6	4			
2020/21-PRE	000NONPJ	matrix spike dup, rec	9/14/2020	Organic	4-Chlorophenyl phenyl ether	n/a	=	78	%	EPA 625.1	-88	-88	25	158	
2020/21-PRE	000NONPJ	matrix spike, RPD	9/14/2020	Organic	4-Chlorophenyl phenyl ether	n/a	=	3	%	EPA 625.1	-88	-88	0	30	
2020/21-PRE	000NONPJ	matrix spike	9/14/2020	Organic	4-Chlorophenyl phenyl ether	n/a	=	150	µg/L	EPA 625.1	4.1	10			
2020/21-PRE	000NONPJ	matrix spike, rec	9/14/2020	Organic	4-Chlorophenyl phenyl ether	n/a	=	60	%	EPA 625.1	-88	-88	25	158	
2020/21-PRE	000NONPJ	matrix spike dup	9/15/2020	Organic	4-Chlorophenyl phenyl ether	n/a	=	148	µg/L	EPA 625.1	4.1	10			
2020/21-PRE	000NONPJ	matrix spike dup, rec	9/15/2020	Organic	4-Chlorophenyl phenyl ether	n/a	=	59	%	EPA 625.1	-88	-88	25	158	
2020/21-PRE	000NONPJ	matrix spike, RPD	9/15/2020	Organic	4-Chlorophenyl phenyl ether	n/a	=	1	%	EPA 625.1	-88	-88	0	30	
2020/21-PRE	000NONPJ	lab duplicate	9/15/2020	Organic	4-Chlorophenyl phenyl ether	n/a	<	1.6	µg/L	EPA 625.1	1.6	4		30	DF,DG
2020/21-PRE	000NONPJ	lab duplicate	9/15/2020	Organic	4-Chlorophenyl phenyl ether	n/a	<	4.1	µg/L	EPA 625.1	4.1	10		30	DF,DG
2020/21-PRE	Carboy Blank	equip blank	9/17/2020	Organic	4-Chlorophenyl phenyl ether	n/a	<	0.41	µg/L	EPA 625.1	0.41	1			
2020/21-PRE	Lab	LCS	9/14/2020	Organic	4-Chlorophenyl phenyl ether	n/a	=	19.1	µg/L	EPA 625.1	0.41	1			
2020/21-PRE	Lab	LCS, rec	9/14/2020	Organic	4-Chlorophenyl phenyl ether	n/a	=	76	%	EPA 625.1	-88	-88	38	145	
2020/21-PRE	Lab	method blank	9/15/2020	Organic	4-Chlorophenyl phenyl ether	n/a	<	0.41	µg/L	EPA 625.1	0.41	1			
2020/21-PRE	Lab	LCS dup	9/16/2020	Organic	4-Chlorophenyl phenyl ether	n/a	=	18.6	µg/L	EPA 625.1	0.41	1			
2020/21-PRE	Lab	LCS dup, rec	9/16/2020	Organic	4-Chlorophenyl phenyl ether	n/a	=	74	%	EPA 625.1	-88	-88	38	145	
2020/21-PRE	Lab	LCS, RPD	9/16/2020	Organic	4-Chlorophenyl phenyl ether	n/a	=	0.5	%	EPA 625.1	-88	-88	0	30	
2020/21-PRE	Lab	LCS	9/17/2020	Organic	4-Chlorophenyl phenyl ether	n/a	=	18.5	µg/L	EPA 625.1	0.41	1			
2020/21-PRE	Lab	LCS, rec	9/17/2020	Organic	4-Chlorophenyl phenyl ether	n/a	=	74	%	EPA 625.1	-88	-88	38	145	
2020/21-PRE	Lab	method blank	9/17/2020	Organic	4-Chlorophenyl phenyl ether	n/a	<	0.41	µg/L	EPA 625.1	0.41	1			
2020/21-PRE	Tubing Blank	equip blank	9/15/2020	Organic	4-Chlorophenyl phenyl ether	n/a	<	0.41	µg/L	EPA 625.1	0.41	1			
2020/21-PRE	000NONPJ	matrix spike	9/14/2020	Organic	4-Nitrophenol	n/a	=	41.8	µg/L	EPA 625.1	4.9	20			
2020/21-PRE	000NONPJ	matrix spike, rec	9/14/2020	Organic	4-Nitrophenol	n/a	=	84	%	EPA 625.1	-88	-88	0.1	132	
2020/21-PRE	000NONPJ	matrix spike dup	9/14/2020	Organic	4-Nitrophenol	n/a	=	40.2	µg/L	EPA 625.1	4.9	20			
2020/21-PRE	000NONPJ	matrix spike dup, rec	9/14/2020	Organic	4-Nitrophenol	n/a	=	80	%	EPA 625.1	-88	-88	0.1	132	
2020/21-PRE	000NONPJ	matrix spike, RPD	9/14/2020	Organic	4-Nitrophenol	n/a	=	4	%	EPA 625.1	-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	
2020/21-PRE	000NONPJ	matrix spike	9/14/2020	Organic	4-Nitrophenol	n/a	=	86.8	µg/L	EPA 625.1	12	50			
2020/21-PRE	000NONPJ	matrix spike, rec	9/14/2020	Organic	4-Nitrophenol	n/a	=	35	%	EPA 625.1	-88	-88	0.1	132	
2020/21-PRE	000NONPJ	matrix spike dup	9/15/2020	Organic	4-Nitrophenol	n/a	=	87.1	µg/L	EPA 625.1	12	50			
2020/21-PRE	000NONPJ	matrix spike dup, rec	9/15/2020	Organic	4-Nitrophenol	n/a	=	35	%	EPA 625.1	-88	-88	0.1	132	
2020/21-PRE	000NONPJ	matrix spike, RPD	9/15/2020	Organic	4-Nitrophenol	n/a	=	0.4	%	EPA 625.1	-88	-88	0	30	
2020/21-PRE	000NONPJ	lab duplicate	9/15/2020	Organic	4-Nitrophenol	n/a	<	72	µg/L	EPA 625.1	72	72		30	DF,DG
2020/21-PRE	000NONPJ	lab duplicate	9/15/2020	Organic	4-Nitrophenol	n/a	<	50	µg/L	EPA 625.1	50	50		30	DF,DG
2020/21-PRE	Carboy Blank	equip blank	9/17/2020	Organic	4-Nitrophenol	n/a	<	1.2	µg/L	EPA 625.1	1.2	5			
2020/21-PRE	Lab	LCS	9/14/2020	Organic	4-Nitrophenol	n/a	=	7.61	µg/L	EPA 625.1	1.2	5			
2020/21-PRE	Lab	LCS, rec	9/14/2020	Organic	4-Nitrophenol	n/a	=	30	%	EPA 625.1	-88	-88	13	129	
2020/21-PRE	Lab	method blank	9/15/2020	Organic	4-Nitrophenol	n/a	<	1.2	µg/L	EPA 625.1	1.2	5			
2020/21-PRE	Lab	LCS dup	9/16/2020	Organic	4-Nitrophenol	n/a	=	7.26	µg/L	EPA 625.1	1.2	5			
2020/21-PRE	Lab	LCS dup, rec	9/16/2020	Organic	4-Nitrophenol	n/a	=	29	%	EPA 625.1	-88	-88	13	129	
2020/21-PRE	Lab	LCS, RPD	9/16/2020	Organic	4-Nitrophenol	n/a	=	4	%	EPA 625.1	-88	-88	0	30	
2020/21-PRE	Lab	LCS	9/17/2020	Organic	4-Nitrophenol	n/a	=	7.53	µg/L	EPA 625.1	1.2	5			
2020/21-PRE	Lab	LCS, rec	9/17/2020	Organic	4-Nitrophenol	n/a	=	30	%	EPA 625.1	-88	-88	13	129	
2020/21-PRE	Lab	method blank	9/17/2020	Organic	4-Nitrophenol	n/a	<	1.2	µg/L	EPA 625.1	1.2	5			
2020/21-PRE	Tubing Blank	equip blank	9/15/2020	Organic	4-Nitrophenol	n/a	<	1.2	µg/L	EPA 625.1	1.2	5			
2020/21-PRE	000NONPJ	matrix spike	9/14/2020	Organic	Acenaphthene	n/a	=	36.4	µg/L	EPA 625.1	1.5	4			
2020/21-PRE	000NONPJ	matrix spike, rec	9/14/2020	Organic	Acenaphthene	n/a	=	73	%	EPA 625.1	-88	-88	47	145	
2020/21-PRE	000NONPJ	matrix spike dup	9/14/2020	Organic	Acenaphthene	n/a	=	36.1	µg/L	EPA 625.1	1.5	4			
2020/21-PRE	000NONPJ	matrix spike dup, rec	9/14/2020	Organic	Acenaphthene	n/a	=	72	%	EPA 625.1	-88	-88	47	145	
2020/21-PRE	000NONPJ	matrix spike, RPD	9/14/2020	Organic	Acenaphthene	n/a	=	0.7	%	EPA 625.1	-88	-88	0	30	
2020/21-PRE	000NONPJ	matrix spike	9/14/2020	Organic	Acenaphthene	n/a	=	161	µg/L	EPA 625.1	3.8	10			
2020/21-PRE	000NONPJ	matrix spike, rec	9/14/2020	Organic	Acenaphthene	n/a	=	64	%	EPA 625.1	-88	-88	47	145	
2020/21-PRE	000NONPJ	matrix spike dup	9/15/2020	Organic	Acenaphthene	n/a	=	161	µg/L	EPA 625.1	3.8	10			
2020/21-PRE	000NONPJ	matrix spike dup, rec	9/15/2020	Organic	Acenaphthene	n/a	=	64	%	EPA 625.1	-88	-88	47	145	
2020/21-PRE	000NONPJ	matrix spike, RPD	9/15/2020	Organic	Acenaphthene	n/a	=	0.3	%	EPA 625.1	-88	-88	0	30	
2020/21-PRE	000NONPJ	lab duplicate	9/15/2020	Organic	Acenaphthene	n/a	<	1.5	µg/L	EPA 625.1	1.5	4		30	DF,DG
2020/21-PRE	000NONPJ	lab duplicate	9/15/2020	Organic	Acenaphthene	n/a	<	3.8	µg/L	EPA 625.1	3.8	10		30	DF,DG
2020/21-PRE	Carboy Blank	equip blank	9/17/2020	Organic	Acenaphthene	n/a	<	0.38	µg/L	EPA 625.1	0.38	1			
2020/21-PRE	Lab	LCS	9/14/2020	Organic	Acenaphthene	n/a	=	21.2	µg/L	EPA 625.1	0.38	1			
2020/21-PRE	Lab	LCS, rec	9/14/2020	Organic	Acenaphthene	n/a	=	85	%	EPA 625.1	-88	-88	60	132	
2020/21-PRE	Lab	method blank	9/15/2020	Organic	Acenaphthene	n/a	<	0.38	µg/L	EPA 625.1	0.38	1			
2020/21-PRE	Lab	LCS dup	9/16/2020	Organic	Acenaphthene	n/a	=	21.1	µg/L	EPA 625.1	0.38	1			
2020/21-PRE	Lab	LCS dup, rec	9/16/2020	Organic	Acenaphthene	n/a	=	84	%	EPA 625.1	-88	-88	60	132	
2020/21-PRE	Lab	LCS, RPD	9/16/2020	Organic	Acenaphthene	n/a	=	0.9	%	EPA 625.1	-88	-88	0	30	
2020/21-PRE	Lab	LCS	9/17/2020	Organic	Acenaphthene	n/a	=	20.9	µg/L	EPA 625.1	0.38	1			
2020/21-PRE	Lab	LCS, rec	9/17/2020	Organic	Acenaphthene	n/a	=	84	%	EPA 625.1	-88	-88	60	132	
2020/21-PRE	Lab	method blank	9/17/2020	Organic	Acenaphthene	n/a	<	0.38	µg/L	EPA 625.1	0.38	1			
2020/21-PRE	Tubing Blank	equip blank	9/15/2020	Organic	Acenaphthene	n/a	<	0.38	µg/L	EPA 625.1	0.38	1			
2020/21-PRE	000NONPJ	matrix spike	9/14/2020	Organic	Acenaphthylene	n/a	=	38.3	µg/L	EPA 625.1	0.68	4			
2020/21-PRE	000NONPJ	matrix spike, rec	9/14/2020	Organic	Acenaphthylene	n/a	=	77	%	EPA 625.1	-88	-88	33	145	
2020/21-PRE	000NONPJ	matrix spike dup	9/14/2020	Organic	Acenaphthylene	n/a	=	39.3	µg/L	EPA 625.1	0.68	4			
2020/21-PRE	000NONPJ	matrix spike dup, rec	9/14/2020	Organic	Acenaphthylene	n/a	=	79	%	EPA 625.1	-88	-88	33	145	
2020/21-PRE	000NONPJ	matrix spike, RPD	9/14/2020	Organic	Acenaphthylene	n/a	=	3	%	EPA 625.1	-88	-88	0	30	
2020/21-PRE	000NONPJ	matrix spike	9/14/2020	Organic	Acenaphthylene	n/a	=	194	µg/L	EPA 625.1	1.7	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	
2020/21-PRE	000NONPJ	matrix spike, rec	9/14/2020	Organic	Acenaphthylene	n/a	=	78	%	EPA 625.1	-88	-88	33	145	
2020/21-PRE	000NONPJ	matrix spike dup	9/15/2020	Organic	Acenaphthylene	n/a	=	197	µg/L	EPA 625.1	1.7	10			
2020/21-PRE	000NONPJ	matrix spike dup, rec	9/15/2020	Organic	Acenaphthylene	n/a	=	79	%	EPA 625.1	-88	-88	33	145	
2020/21-PRE	000NONPJ	matrix spike, RPD	9/15/2020	Organic	Acenaphthylene	n/a	=	1	%	EPA 625.1	-88	-88	0	30	
2020/21-PRE	000NONPJ	lab duplicate	9/15/2020	Organic	Acenaphthylene	n/a	<	0.68	µg/L	EPA 625.1	0.68	4		30	DF,DG
2020/21-PRE	000NONPJ	lab duplicate	9/15/2020	Organic	Acenaphthylene	n/a	<	1.7	µg/L	EPA 625.1	1.7	10		30	DF,DG
2020/21-PRE	Carboy Blank	equip blank	9/17/2020	Organic	Acenaphthylene	n/a	<	0.17	µg/L	EPA 625.1	0.17	1			
2020/21-PRE	Lab	LCS	9/14/2020	Organic	Acenaphthylene	n/a	=	22.6	µg/L	EPA 625.1	0.17	1			
2020/21-PRE	Lab	LCS, rec	9/14/2020	Organic	Acenaphthylene	n/a	=	91	%	EPA 625.1	-88	-88	54	126	
2020/21-PRE	Lab	method blank	9/15/2020	Organic	Acenaphthylene	n/a	<	0.17	µg/L	EPA 625.1	0.17	1			
2020/21-PRE	Lab	LCS dup	9/16/2020	Organic	Acenaphthylene	n/a	=	21.3	µg/L	EPA 625.1	0.17	1			
2020/21-PRE	Lab	LCS dup, rec	9/16/2020	Organic	Acenaphthylene	n/a	=	85	%	EPA 625.1	-88	-88	54	126	
2020/21-PRE	Lab	LCS, RPD	9/16/2020	Organic	Acenaphthylene	n/a	=	3	%	EPA 625.1	-88	-88	0	30	
2020/21-PRE	Lab	LCS	9/17/2020	Organic	Acenaphthylene	n/a	=	20.7	µg/L	EPA 625.1	0.17	1			
2020/21-PRE	Lab	LCS, rec	9/17/2020	Organic	Acenaphthylene	n/a	=	83	%	EPA 625.1	-88	-88	54	126	
2020/21-PRE	Lab	method blank	9/17/2020	Organic	Acenaphthylene	n/a	<	0.17	µg/L	EPA 625.1	0.17	1			
2020/21-PRE	Tubing Blank	equip blank	9/15/2020	Organic	Acenaphthylene	n/a	<	0.17	µg/L	EPA 625.1	0.17	1			
2020/21-PRE	000NONPJ	matrix spike	9/14/2020	Organic	Anthracene	n/a	=	41.9	µg/L	EPA 625.1	0.48	4			
2020/21-PRE	000NONPJ	matrix spike, rec	9/14/2020	Organic	Anthracene	n/a	=	84	%	EPA 625.1	-88	-88	27	133	
2020/21-PRE	000NONPJ	matrix spike dup	9/14/2020	Organic	Anthracene	n/a	=	38.3	µg/L	EPA 625.1	0.48	4			
2020/21-PRE	000NONPJ	matrix spike dup, rec	9/14/2020	Organic	Anthracene	n/a	=	77	%	EPA 625.1	-88	-88	27	133	
2020/21-PRE	000NONPJ	matrix spike, RPD	9/14/2020	Organic	Anthracene	n/a	=	9	%	EPA 625.1	-88	-88	0	30	
2020/21-PRE	000NONPJ	matrix spike	9/14/2020	Organic	Anthracene	n/a	=	184	µg/L	EPA 625.1	1.2	10			
2020/21-PRE	000NONPJ	matrix spike, rec	9/14/2020	Organic	Anthracene	n/a	=	74	%	EPA 625.1	-88	-88	27	133	
2020/21-PRE	000NONPJ	matrix spike dup	9/15/2020	Organic	Anthracene	n/a	=	192	µg/L	EPA 625.1	1.2	10			
2020/21-PRE	000NONPJ	matrix spike dup, rec	9/15/2020	Organic	Anthracene	n/a	=	77	%	EPA 625.1	-88	-88	27	133	
2020/21-PRE	000NONPJ	matrix spike, RPD	9/15/2020	Organic	Anthracene	n/a	=	4	%	EPA 625.1	-88	-88	0	30	
2020/21-PRE	000NONPJ	lab duplicate	9/15/2020	Organic	Anthracene	n/a	<	0.48	µg/L	EPA 625.1	0.48	4		30	DF,DG
2020/21-PRE	000NONPJ	lab duplicate	9/15/2020	Organic	Anthracene	n/a	<	1.2	µg/L	EPA 625.1	1.2	10		30	DF,DG
2020/21-PRE	Carboy Blank	equip blank	9/17/2020	Organic	Anthracene	n/a	<	0.12	µg/L	EPA 625.1	0.12	1			
2020/21-PRE	Lab	LCS	9/14/2020	Organic	Anthracene	n/a	=	21.7	µg/L	EPA 625.1	0.12	1			
2020/21-PRE	Lab	LCS, rec	9/14/2020	Organic	Anthracene	n/a	=	87	%	EPA 625.1	-88	-88	43	120	
2020/21-PRE	Lab	method blank	9/15/2020	Organic	Anthracene	n/a	<	0.12	µg/L	EPA 625.1	0.12	1			
2020/21-PRE	Lab	LCS dup	9/16/2020	Organic	Anthracene	n/a	=	20.4	µg/L	EPA 625.1	0.12	1			
2020/21-PRE	Lab	LCS dup, rec	9/16/2020	Organic	Anthracene	n/a	=	82	%	EPA 625.1	-88	-88	43	120	
2020/21-PRE	Lab	LCS, RPD	9/16/2020	Organic	Anthracene	n/a	=	10	%	EPA 625.1	-88	-88	0	30	
2020/21-PRE	Lab	LCS	9/17/2020	Organic	Anthracene	n/a	=	22.5	µg/L	EPA 625.1	0.12	1			
2020/21-PRE	Lab	LCS, rec	9/17/2020	Organic	Anthracene	n/a	=	90	%	EPA 625.1	-88	-88	43	120	
2020/21-PRE	Lab	method blank	9/17/2020	Organic	Anthracene	n/a	<	0.12	µg/L	EPA 625.1	0.12	1			
2020/21-PRE	Tubing Blank	equip blank	9/15/2020	Organic	Anthracene	n/a	<	0.12	µg/L	EPA 625.1	0.12	1			
2020/21-PRE	000NONPJ	matrix spike	9/14/2020	Organic	Benz(a)anthracene	n/a	=	41.4	µg/L	EPA 625.1	0.76	4			
2020/21-PRE	000NONPJ	matrix spike, rec	9/14/2020	Organic	Benz(a)anthracene	n/a	=	83	%	EPA 625.1	-88	-88	33	143	
2020/21-PRE	000NONPJ	matrix spike dup	9/14/2020	Organic	Benz(a)anthracene	n/a	=	36.4	µg/L	EPA 625.1	0.76	4			
2020/21-PRE	000NONPJ	matrix spike dup, rec	9/14/2020	Organic	Benz(a)anthracene	n/a	=	73	%	EPA 625.1	-88	-88	33	143	
2020/21-PRE	000NONPJ	matrix spike, RPD	9/14/2020	Organic	Benz(a)anthracene	n/a	=	13	%	EPA 625.1	-88	-88	0	30	
2020/21-PRE	000NONPJ	matrix spike	9/14/2020	Organic	Benz(a)anthracene	n/a	=	163	µg/L	EPA 625.1	1.9	10			
2020/21-PRE	000NONPJ	matrix spike, rec	9/14/2020	Organic	Benz(a)anthracene	n/a	=	65	%	EPA 625.1	-88	-88	33	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	
2020/21-PRE	000NONPJ	matrix spike dup	9/15/2020	Organic	Benz(a)anthracene	n/a	=	163	µg/L	EPA 625.1	1.9	10			
2020/21-PRE	000NONPJ	matrix spike dup, rec	9/15/2020	Organic	Benz(a)anthracene	n/a	=	65	%	EPA 625.1	-88	-88	33	143	
2020/21-PRE	000NONPJ	matrix spike, RPD	9/15/2020	Organic	Benz(a)anthracene	n/a	=	0.2	%	EPA 625.1	-88	-88	0	30	
2020/21-PRE	000NONPJ	lab duplicate	9/15/2020	Organic	Benz(a)anthracene	n/a	<	0.76	µg/L	EPA 625.1	0.76	4		30	DF,DG
2020/21-PRE	000NONPJ	lab duplicate	9/15/2020	Organic	Benz(a)anthracene	n/a	<	1.9	µg/L	EPA 625.1	1.9	10		30	DF,DG
2020/21-PRE	Carboy Blank	equip blank	9/17/2020	Organic	Benz(a)anthracene	n/a	<	0.19	µg/L	EPA 625.1	0.19	1			
2020/21-PRE	Lab	LCS	9/14/2020	Organic	Benz(a)anthracene	n/a	=	18.7	µg/L	EPA 625.1	0.19	1			
2020/21-PRE	Lab	LCS, rec	9/14/2020	Organic	Benz(a)anthracene	n/a	=	75	%	EPA 625.1	-88	-88	42	133	
2020/21-PRE	Lab	method blank	9/15/2020	Organic	Benz(a)anthracene	n/a	<	0.19	µg/L	EPA 625.1	0.19	1			
2020/21-PRE	Lab	LCS dup	9/16/2020	Organic	Benz(a)anthracene	n/a	=	18.4	µg/L	EPA 625.1	0.19	1			
2020/21-PRE	Lab	LCS dup, rec	9/16/2020	Organic	Benz(a)anthracene	n/a	=	74	%	EPA 625.1	-88	-88	42	133	
2020/21-PRE	Lab	LCS, RPD	9/16/2020	Organic	Benz(a)anthracene	n/a	=	18	%	EPA 625.1	-88	-88	0	30	
2020/21-PRE	Lab	LCS	9/17/2020	Organic	Benz(a)anthracene	n/a	=	21.9	µg/L	EPA 625.1	0.19	1			
2020/21-PRE	Lab	LCS, rec	9/17/2020	Organic	Benz(a)anthracene	n/a	=	88	%	EPA 625.1	-88	-88	42	133	
2020/21-PRE	Lab	method blank	9/17/2020	Organic	Benz(a)anthracene	n/a	<	0.19	µg/L	EPA 625.1	0.19	1			
2020/21-PRE	Tubing Blank	equip blank	9/15/2020	Organic	Benz(a)anthracene	n/a	<	0.19	µg/L	EPA 625.1	0.19	1			
2020/21-PRE	Carboy Blank	equip blank	9/17/2020	Organic	Benzidine	n/a	<	1.4	µg/L	EPA 625.1	1.4	10			
2020/21-PRE	Lab	method blank	9/15/2020	Organic	Benzidine	n/a	<	1.4	µg/L	EPA 625.1	1.4	10			
2020/21-PRE	Lab	method blank	9/17/2020	Organic	Benzidine	n/a	<	1.4	µg/L	EPA 625.1	1.4	10			
2020/21-PRE	Tubing Blank	equip blank	9/15/2020	Organic	Benzidine	n/a	<	1.4	µg/L	EPA 625.1	1.4	10			
2020/21-PRE	000NONPJ	matrix spike	8/24/2020	Organic	Benzo(a)pyrene	n/a	=	4.68	µg/L	EPA 525.2	0.02	0.1			
2020/21-PRE	000NONPJ	matrix spike, rec	8/24/2020	Organic	Benzo(a)pyrene	n/a	=	94	%	EPA 525.2	-88	-88	60	130	
2020/21-PRE	000NONPJ	matrix spike dup	8/24/2020	Organic	Benzo(a)pyrene	n/a	=	4.79	µg/L	EPA 525.2	0.02	0.1			
2020/21-PRE	000NONPJ	matrix spike dup, rec	8/24/2020	Organic	Benzo(a)pyrene	n/a	=	96	%	EPA 525.2	-88	-88	60	130	
2020/21-PRE	000NONPJ	matrix spike, RPD	8/24/2020	Organic	Benzo(a)pyrene	n/a	=	2	%	EPA 525.2	-88	-88	0	30	
2020/21-PRE	000NONPJ	matrix spike	9/14/2020	Organic	Benzo(a)pyrene	n/a	=	31.7	µg/L	EPA 625.1	1.6	4			
2020/21-PRE	000NONPJ	matrix spike, rec	9/14/2020	Organic	Benzo(a)pyrene	n/a	=	63	%	EPA 625.1	-88	-88	17	163	
2020/21-PRE	000NONPJ	matrix spike dup	9/14/2020	Organic	Benzo(a)pyrene	n/a	=	26.1	µg/L	EPA 625.1	1.6	4			
2020/21-PRE	000NONPJ	matrix spike dup, rec	9/14/2020	Organic	Benzo(a)pyrene	n/a	=	52	%	EPA 625.1	-88	-88	17	163	
2020/21-PRE	000NONPJ	matrix spike, RPD	9/14/2020	Organic	Benzo(a)pyrene	n/a	=	19	%	EPA 625.1	-88	-88	0	30	
2020/21-PRE	000NONPJ	matrix spike	9/14/2020	Organic	Benzo(a)pyrene	n/a	=	125	µg/L	EPA 625.1	3.9	10			
2020/21-PRE	000NONPJ	matrix spike, rec	9/14/2020	Organic	Benzo(a)pyrene	n/a	=	50	%	EPA 625.1	-88	-88	17	163	
2020/21-PRE	000NONPJ	matrix spike dup	9/15/2020	Organic	Benzo(a)pyrene	n/a	=	130	µg/L	EPA 625.1	3.9	10			
2020/21-PRE	000NONPJ	matrix spike dup, rec	9/15/2020	Organic	Benzo(a)pyrene	n/a	=	52	%	EPA 625.1	-88	-88	17	163	
2020/21-PRE	000NONPJ	matrix spike, RPD	9/15/2020	Organic	Benzo(a)pyrene	n/a	=	4	%	EPA 625.1	-88	-88	0	30	
2020/21-PRE	000NONPJ	lab duplicate	9/15/2020	Organic	Benzo(a)pyrene	n/a	<	1.6	µg/L	EPA 625.1	1.6	4		30	DF,DG
2020/21-PRE	000NONPJ	lab duplicate	9/15/2020	Organic	Benzo(a)pyrene	n/a	<	3.9	µg/L	EPA 625.1	3.9	10		30	DF,DG
2020/21-PRE	Carboy Blank	equip blank	8/25/2020	Organic	Benzo(a)pyrene	n/a	<	0.02	µg/L	EPA 525.2	0.02	0.1			
2020/21-PRE	Carboy Blank	equip blank	9/17/2020	Organic	Benzo(a)pyrene	n/a	<	0.39	µg/L	EPA 625.1	0.39	1			
2020/21-PRE	Lab	method blank	8/24/2020	Organic	Benzo(a)pyrene	n/a	<	0.02	µg/L	EPA 525.2	0.02	0.1			
2020/21-PRE	Lab	LCS	8/24/2020	Organic	Benzo(a)pyrene	n/a	=	4.44	µg/L	EPA 525.2	0.02	0.1			
2020/21-PRE	Lab	LCS, rec	8/24/2020	Organic	Benzo(a)pyrene	n/a	=	89	%	EPA 525.2	-88	-88	60	130	
2020/21-PRE	Lab	LCS	9/14/2020	Organic	Benzo(a)pyrene	n/a	=	23.3	µg/L	EPA 625.1	0.39	1			
2020/21-PRE	Lab	LCS, rec	9/14/2020	Organic	Benzo(a)pyrene	n/a	=	93	%	EPA 625.1	-88	-88	32	148	
2020/21-PRE	Lab	method blank	9/15/2020	Organic	Benzo(a)pyrene	n/a	<	0.39	µg/L	EPA 625.1	0.39	1			
2020/21-PRE	Lab	LCS dup	9/16/2020	Organic	Benzo(a)pyrene	n/a	=	20.9	µg/L	EPA 625.1	0.39	1			
2020/21-PRE	Lab	LCS dup, rec	9/16/2020	Organic	Benzo(a)pyrene	n/a	=	84	%	EPA 625.1	-88	-88	32	148	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2020/21-PRE	Lab	LCS, RPD	9/16/2020	Organic	Benzo(a)pyrene	n/a	=	18	%	EPA 625.1	-88	-88	0	30	
2020/21-PRE	Lab	LCS	9/17/2020	Organic	Benzo(a)pyrene	n/a	=	25.2	µg/L	EPA 625.1	0.39	1			
2020/21-PRE	Lab	LCS, rec	9/17/2020	Organic	Benzo(a)pyrene	n/a	=	101	%	EPA 625.1	-88	-88	32	148	
2020/21-PRE	Lab	method blank	9/17/2020	Organic	Benzo(a)pyrene	n/a	<	0.39	µg/L	EPA 625.1	0.39	1			
2020/21-PRE	Tubing Blank	equip blank	8/25/2020	Organic	Benzo(a)pyrene	n/a	<	0.02	µg/L	EPA 525.2	0.02	0.1			
2020/21-PRE	Tubing Blank	equip blank	9/15/2020	Organic	Benzo(a)pyrene	n/a	<	0.39	µg/L	EPA 625.1	0.39	1			
2020/21-PRE	000NONPJ	matrix spike	9/14/2020	Organic	Benzo(b)fluoranthene	n/a	=	35.6	µg/L	EPA 625.1	1.8	4			UL-IP
2020/21-PRE	000NONPJ	matrix spike, rec	9/14/2020	Organic	Benzo(b)fluoranthene	n/a	=	71	%	EPA 625.1	-88	-88	24	159	UL-IP
2020/21-PRE	000NONPJ	matrix spike dup	9/14/2020	Organic	Benzo(b)fluoranthene	n/a	=	29.1	µg/L	EPA 625.1	1.8	4			UL-IP
2020/21-PRE	000NONPJ	matrix spike dup, rec	9/14/2020	Organic	Benzo(b)fluoranthene	n/a	=	58	%	EPA 625.1	-88	-88	24	159	UL-IP
2020/21-PRE	000NONPJ	matrix spike, RPD	9/14/2020	Organic	Benzo(b)fluoranthene	n/a	=	20	%	EPA 625.1	-88	-88	0	30	UL-IP
2020/21-PRE	000NONPJ	matrix spike	9/14/2020	Organic	Benzo(b)fluoranthene	n/a	=	145	µg/L	EPA 625.1	4.6	10			UL-IP
2020/21-PRE	000NONPJ	matrix spike, rec	9/14/2020	Organic	Benzo(b)fluoranthene	n/a	=	58	%	EPA 625.1	-88	-88	24	159	UL-IP
2020/21-PRE	000NONPJ	matrix spike dup	9/15/2020	Organic	Benzo(b)fluoranthene	n/a	=	156	µg/L	EPA 625.1	4.6	10			UL-IP
2020/21-PRE	000NONPJ	matrix spike dup, rec	9/15/2020	Organic	Benzo(b)fluoranthene	n/a	=	62	%	EPA 625.1	-88	-88	24	159	UL-IP
2020/21-PRE	000NONPJ	matrix spike, RPD	9/15/2020	Organic	Benzo(b)fluoranthene	n/a	=	7	%	EPA 625.1	-88	-88	0	30	UL-IP
2020/21-PRE	000NONPJ	lab duplicate	9/15/2020	Organic	Benzo(b)fluoranthene	n/a	<	1.8	µg/L	EPA 625.1	1.8	4		30	DF,DG
2020/21-PRE	000NONPJ	lab duplicate	9/15/2020	Organic	Benzo(b)fluoranthene	n/a	<	4.6	µg/L	EPA 625.1	4.6	10		30	DF,DG
2020/21-PRE	Carboy Blank	equip blank	9/17/2020	Organic	Benzo(b)fluoranthene	n/a	<	0.46	µg/L	EPA 625.1	0.46	1			
2020/21-PRE	Lab	LCS	9/14/2020	Organic	Benzo(b)fluoranthene	n/a	=	23.1	µg/L	EPA 625.1	0.46	1			UL-IP
2020/21-PRE	Lab	LCS, rec	9/14/2020	Organic	Benzo(b)fluoranthene	n/a	=	92	%	EPA 625.1	-88	-88	42	140	UL-IP
2020/21-PRE	Lab	method blank	9/15/2020	Organic	Benzo(b)fluoranthene	n/a	<	0.46	µg/L	EPA 625.1	0.46	1			
2020/21-PRE	Lab	LCS dup	9/16/2020	Organic	Benzo(b)fluoranthene	n/a	=	22.1	µg/L	EPA 625.1	0.46	1			UL-IP
2020/21-PRE	Lab	LCS dup, rec	9/16/2020	Organic	Benzo(b)fluoranthene	n/a	=	88	%	EPA 625.1	-88	-88	42	140	UL-IP
2020/21-PRE	Lab	LCS, RPD	9/16/2020	Organic	Benzo(b)fluoranthene	n/a	=	17	%	EPA 625.1	-88	-88	0	30	UL-IP
2020/21-PRE	Lab	LCS	9/17/2020	Organic	Benzo(b)fluoranthene	n/a	=	26.2	µg/L	EPA 625.1	0.46	1			UL-IP
2020/21-PRE	Lab	LCS, rec	9/17/2020	Organic	Benzo(b)fluoranthene	n/a	=	105	%	EPA 625.1	-88	-88	42	140	UL-IP
2020/21-PRE	Lab	method blank	9/17/2020	Organic	Benzo(b)fluoranthene	n/a	<	0.46	µg/L	EPA 625.1	0.46	1			
2020/21-PRE	Tubing Blank	equip blank	9/15/2020	Organic	Benzo(b)fluoranthene	n/a	<	0.46	µg/L	EPA 625.1	0.46	1			
2020/21-PRE	000NONPJ	matrix spike	9/14/2020	Organic	Benzo(g,h,i)perylene	n/a	=	26.4	µg/L	EPA 625.1	1.7	8			
2020/21-PRE	000NONPJ	matrix spike, rec	9/14/2020	Organic	Benzo(g,h,i)perylene	n/a	=	53	%	EPA 625.1	-88	-88	0.1	219	
2020/21-PRE	000NONPJ	matrix spike dup	9/14/2020	Organic	Benzo(g,h,i)perylene	n/a	=	23.6	µg/L	EPA 625.1	1.7	8			
2020/21-PRE	000NONPJ	matrix spike dup, rec	9/14/2020	Organic	Benzo(g,h,i)perylene	n/a	=	47	%	EPA 625.1	-88	-88	0.1	219	
2020/21-PRE	000NONPJ	matrix spike, RPD	9/14/2020	Organic	Benzo(g,h,i)perylene	n/a	=	11	%	EPA 625.1	-88	-88	0	30	
2020/21-PRE	000NONPJ	matrix spike	9/14/2020	Organic	Benzo(g,h,i)perylene	n/a	=	123	µg/L	EPA 625.1	4.2	20			
2020/21-PRE	000NONPJ	matrix spike, rec	9/14/2020	Organic	Benzo(g,h,i)perylene	n/a	=	49	%	EPA 625.1	-88	-88	0.1	219	
2020/21-PRE	000NONPJ	matrix spike dup	9/15/2020	Organic	Benzo(g,h,i)perylene	n/a	=	130	µg/L	EPA 625.1	4.2	20			
2020/21-PRE	000NONPJ	matrix spike dup, rec	9/15/2020	Organic	Benzo(g,h,i)perylene	n/a	=	52	%	EPA 625.1	-88	-88	0.1	219	
2020/21-PRE	000NONPJ	matrix spike, RPD	9/15/2020	Organic	Benzo(g,h,i)perylene	n/a	=	6	%	EPA 625.1	-88	-88	0	30	
2020/21-PRE	000NONPJ	lab duplicate	9/15/2020	Organic	Benzo(g,h,i)perylene	n/a	<	1.7	µg/L	EPA 625.1	1.7	8		30	DF,DG
2020/21-PRE	000NONPJ	lab duplicate	9/15/2020	Organic	Benzo(g,h,i)perylene	n/a	<	4.2	µg/L	EPA 625.1	4.2	20		30	DF,DG
2020/21-PRE	Carboy Blank	equip blank	9/17/2020	Organic	Benzo(g,h,i)perylene	n/a	<	0.42	µg/L	EPA 625.1	0.42	2			
2020/21-PRE	Lab	LCS	9/14/2020	Organic	Benzo(g,h,i)perylene	n/a	=	24.2	µg/L	EPA 625.1	0.42	2			
2020/21-PRE	Lab	LCS, rec	9/14/2020	Organic	Benzo(g,h,i)perylene	n/a	=	97	%	EPA 625.1	-88	-88	0.1	195	
2020/21-PRE	Lab	method blank	9/15/2020	Organic	Benzo(g,h,i)perylene	n/a	<	0.42	µg/L	EPA 625.1	0.42	2			
2020/21-PRE	Lab	LCS dup	9/16/2020	Organic	Benzo(g,h,i)perylene	n/a	=	23	µg/L	EPA 625.1	0.42	2			
2020/21-PRE	Lab	LCS dup, rec	9/16/2020	Organic	Benzo(g,h,i)perylene	n/a	=	92	%	EPA 625.1	-88	-88	0.1	195	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2020/21-PRE	Lab	LCS, RPD	9/16/2020	Organic	Benzo(g,h,i)perylene	n/a	=	16	%	EPA 625.1	-88	-88	0	30	
2020/21-PRE	Lab	LCS	9/17/2020	Organic	Benzo(g,h,i)perylene	n/a	=	27	µg/L	EPA 625.1	0.42	2			
2020/21-PRE	Lab	LCS, rec	9/17/2020	Organic	Benzo(g,h,i)perylene	n/a	=	108	%	EPA 625.1	-88	-88	0.1	195	
2020/21-PRE	Lab	method blank	9/17/2020	Organic	Benzo(g,h,i)perylene	n/a	<	0.42	µg/L	EPA 625.1	0.42	2			
2020/21-PRE	Tubing Blank	equip blank	9/15/2020	Organic	Benzo(g,h,i)perylene	n/a	<	0.42	µg/L	EPA 625.1	0.42	2			
2020/21-PRE	000NONPJ	matrix spike	9/14/2020	Organic	Benzo(k)fluoranthene	n/a	=	35.7	µg/L	EPA 625.1	0.88	4			UL-IP
2020/21-PRE	000NONPJ	matrix spike, rec	9/14/2020	Organic	Benzo(k)fluoranthene	n/a	=	71	%	EPA 625.1	-88	-88	11	162	UL-IP
2020/21-PRE	000NONPJ	matrix spike dup	9/14/2020	Organic	Benzo(k)fluoranthene	n/a	=	30.2	µg/L	EPA 625.1	0.88	4			UL-IP
2020/21-PRE	000NONPJ	matrix spike dup, rec	9/14/2020	Organic	Benzo(k)fluoranthene	n/a	=	60	%	EPA 625.1	-88	-88	11	162	UL-IP
2020/21-PRE	000NONPJ	matrix spike, RPD	9/14/2020	Organic	Benzo(k)fluoranthene	n/a	=	17	%	EPA 625.1	-88	-88	0	30	UL-IP
2020/21-PRE	000NONPJ	matrix spike	9/14/2020	Organic	Benzo(k)fluoranthene	n/a	=	144	µg/L	EPA 625.1	2.2	10			UL-IP
2020/21-PRE	000NONPJ	matrix spike, rec	9/14/2020	Organic	Benzo(k)fluoranthene	n/a	=	57	%	EPA 625.1	-88	-88	11	162	UL-IP
2020/21-PRE	000NONPJ	matrix spike dup	9/15/2020	Organic	Benzo(k)fluoranthene	n/a	=	142	µg/L	EPA 625.1	2.2	10			UL-IP
2020/21-PRE	000NONPJ	matrix spike dup, rec	9/15/2020	Organic	Benzo(k)fluoranthene	n/a	=	57	%	EPA 625.1	-88	-88	11	162	UL-IP
2020/21-PRE	000NONPJ	matrix spike, RPD	9/15/2020	Organic	Benzo(k)fluoranthene	n/a	=	0.7	%	EPA 625.1	-88	-88	0	30	UL-IP
2020/21-PRE	000NONPJ	lab duplicate	9/15/2020	Organic	Benzo(k)fluoranthene	n/a	<	0.88	µg/L	EPA 625.1	0.88	4		30	DF,DG
2020/21-PRE	000NONPJ	lab duplicate	9/15/2020	Organic	Benzo(k)fluoranthene	n/a	<	2.2	µg/L	EPA 625.1	2.2	10		30	DF,DG
2020/21-PRE	Carboy Blank	equip blank	9/17/2020	Organic	Benzo(k)fluoranthene	n/a	<	0.22	µg/L	EPA 625.1	0.22	1			
2020/21-PRE	Lab	LCS	9/14/2020	Organic	Benzo(k)fluoranthene	n/a	=	24.4	µg/L	EPA 625.1	0.22	1			UL-IP
2020/21-PRE	Lab	LCS, rec	9/14/2020	Organic	Benzo(k)fluoranthene	n/a	=	98	%	EPA 625.1	-88	-88	25	146	UL-IP
2020/21-PRE	Lab	method blank	9/15/2020	Organic	Benzo(k)fluoranthene	n/a	<	0.22	µg/L	EPA 625.1	0.22	1			
2020/21-PRE	Lab	LCS dup	9/16/2020	Organic	Benzo(k)fluoranthene	n/a	=	21.6	µg/L	EPA 625.1	0.22	1			UL-IP
2020/21-PRE	Lab	LCS dup, rec	9/16/2020	Organic	Benzo(k)fluoranthene	n/a	=	86	%	EPA 625.1	-88	-88	25	146	UL-IP
2020/21-PRE	Lab	LCS, RPD	9/16/2020	Organic	Benzo(k)fluoranthene	n/a	=	16	%	EPA 625.1	-88	-88	0	30	UL-IP
2020/21-PRE	Lab	LCS	9/17/2020	Organic	Benzo(k)fluoranthene	n/a	=	25.4	µg/L	EPA 625.1	0.22	1			UL-IP
2020/21-PRE	Lab	LCS, rec	9/17/2020	Organic	Benzo(k)fluoranthene	n/a	=	102	%	EPA 625.1	-88	-88	25	146	UL-IP
2020/21-PRE	Lab	method blank	9/17/2020	Organic	Benzo(k)fluoranthene	n/a	<	0.22	µg/L	EPA 625.1	0.22	1			
2020/21-PRE	Tubing Blank	equip blank	9/15/2020	Organic	Benzo(k)fluoranthene	n/a	<	0.22	µg/L	EPA 625.1	0.22	1			
2020/21-PRE	000NONPJ	matrix spike	9/14/2020	Organic	Bis(2-chloroethoxy)methane	n/a	=	34.3	µg/L	EPA 625.1	1	4			
2020/21-PRE	000NONPJ	matrix spike, rec	9/14/2020	Organic	Bis(2-chloroethoxy)methane	n/a	=	69	%	EPA 625.1	-88	-88	33	184	
2020/21-PRE	000NONPJ	matrix spike dup	9/14/2020	Organic	Bis(2-chloroethoxy)methane	n/a	=	33.5	µg/L	EPA 625.1	1	4			
2020/21-PRE	000NONPJ	matrix spike dup, rec	9/14/2020	Organic	Bis(2-chloroethoxy)methane	n/a	=	67	%	EPA 625.1	-88	-88	33	184	
2020/21-PRE	000NONPJ	matrix spike, RPD	9/14/2020	Organic	Bis(2-chloroethoxy)methane	n/a	=	3	%	EPA 625.1	-88	-88	0	30	
2020/21-PRE	000NONPJ	matrix spike	9/14/2020	Organic	Bis(2-chloroethoxy)methane	n/a	=	184	µg/L	EPA 625.1	2.5	10			
2020/21-PRE	000NONPJ	matrix spike, rec	9/14/2020	Organic	Bis(2-chloroethoxy)methane	n/a	=	74	%	EPA 625.1	-88	-88	33	184	
2020/21-PRE	000NONPJ	matrix spike dup	9/15/2020	Organic	Bis(2-chloroethoxy)methane	n/a	=	195	µg/L	EPA 625.1	2.5	10			
2020/21-PRE	000NONPJ	matrix spike dup, rec	9/15/2020	Organic	Bis(2-chloroethoxy)methane	n/a	=	78	%	EPA 625.1	-88	-88	33	184	
2020/21-PRE	000NONPJ	matrix spike, RPD	9/15/2020	Organic	Bis(2-chloroethoxy)methane	n/a	=	5	%	EPA 625.1	-88	-88	0	30	
2020/21-PRE	000NONPJ	lab duplicate	9/15/2020	Organic	Bis(2-chloroethoxy)methane	n/a	<	1	µg/L	EPA 625.1	1	4		30	DF,DG
2020/21-PRE	000NONPJ	lab duplicate	9/15/2020	Organic	Bis(2-chloroethoxy)methane	n/a	<	2.5	µg/L	EPA 625.1	2.5	10		30	DF,DG
2020/21-PRE	Carboy Blank	equip blank	9/17/2020	Organic	Bis(2-chloroethoxy)methane	n/a	<	0.25	µg/L	EPA 625.1	0.25	1			
2020/21-PRE	Lab	LCS	9/14/2020	Organic	Bis(2-chloroethoxy)methane	n/a	=	21	µg/L	EPA 625.1	0.25	1			
2020/21-PRE	Lab	LCS, rec	9/14/2020	Organic	Bis(2-chloroethoxy)methane	n/a	=	84	%	EPA 625.1	-88	-88	49	165	
2020/21-PRE	Lab	method blank	9/15/2020	Organic	Bis(2-chloroethoxy)methane	n/a	<	0.25	µg/L	EPA 625.1	0.25	1			
2020/21-PRE	Lab	LCS dup	9/16/2020	Organic	Bis(2-chloroethoxy)methane	n/a	=	20.9	µg/L	EPA 625.1	0.25	1			
2020/21-PRE	Lab	LCS dup, rec	9/16/2020	Organic	Bis(2-chloroethoxy)methane	n/a	=	83	%	EPA 625.1	-88	-88	49	165	
2020/21-PRE	Lab	LCS, RPD	9/16/2020	Organic	Bis(2-chloroethoxy)methane	n/a	=	5	%	EPA 625.1	-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	
2020/21-PRE	Lab	LCS	9/17/2020	Organic	Bis(2-chloroethoxy)methane	n/a	=	19.9	µg/L	EPA 625.1	0.25	1			
2020/21-PRE	Lab	LCS, rec	9/17/2020	Organic	Bis(2-chloroethoxy)methane	n/a	=	80	%	EPA 625.1	-88	-88	49	165	
2020/21-PRE	Lab	method blank	9/17/2020	Organic	Bis(2-chloroethoxy)methane	n/a	<	0.25	µg/L	EPA 625.1	0.25	1			
2020/21-PRE	Tubing Blank	equip blank	9/15/2020	Organic	Bis(2-chloroethoxy)methane	n/a	<	0.25	µg/L	EPA 625.1	0.25	1			
2020/21-PRE	000NONPJ	matrix spike	9/14/2020	Organic	Bis(2-chloroethyl)ether	n/a	=	31.1	µg/L	EPA 625.1	1.1	4			
2020/21-PRE	000NONPJ	matrix spike, rec	9/14/2020	Organic	Bis(2-chloroethyl)ether	n/a	=	62	%	EPA 625.1	-88	-88	12	158	
2020/21-PRE	000NONPJ	matrix spike dup	9/14/2020	Organic	Bis(2-chloroethyl)ether	n/a	=	37.6	µg/L	EPA 625.1	1.1	4			
2020/21-PRE	000NONPJ	matrix spike dup, rec	9/14/2020	Organic	Bis(2-chloroethyl)ether	n/a	=	75	%	EPA 625.1	-88	-88	12	158	
2020/21-PRE	000NONPJ	matrix spike, RPD	9/14/2020	Organic	Bis(2-chloroethyl)ether	n/a	=	19	%	EPA 625.1	-88	-88	0	30	
2020/21-PRE	000NONPJ	matrix spike	9/14/2020	Organic	Bis(2-chloroethyl)ether	n/a	=	163	µg/L	EPA 625.1	2.7	10			
2020/21-PRE	000NONPJ	matrix spike, rec	9/14/2020	Organic	Bis(2-chloroethyl)ether	n/a	=	65	%	EPA 625.1	-88	-88	12	158	
2020/21-PRE	000NONPJ	matrix spike dup	9/15/2020	Organic	Bis(2-chloroethyl)ether	n/a	=	169	µg/L	EPA 625.1	2.7	10			
2020/21-PRE	000NONPJ	matrix spike dup, rec	9/15/2020	Organic	Bis(2-chloroethyl)ether	n/a	=	68	%	EPA 625.1	-88	-88	12	158	
2020/21-PRE	000NONPJ	matrix spike, RPD	9/15/2020	Organic	Bis(2-chloroethyl)ether	n/a	=	3	%	EPA 625.1	-88	-88	0	30	
2020/21-PRE	000NONPJ	lab duplicate	9/15/2020	Organic	Bis(2-chloroethyl)ether	n/a	<	1.1	µg/L	EPA 625.1	1.1	4	30		DF,DG
2020/21-PRE	000NONPJ	lab duplicate	9/15/2020	Organic	Bis(2-chloroethyl)ether	n/a	<	2.7	µg/L	EPA 625.1	2.7	10	30		DF,DG
2020/21-PRE	Carboy Blank	equip blank	9/17/2020	Organic	Bis(2-chloroethyl)ether	n/a	<	0.27	µg/L	EPA 625.1	0.27	1			
2020/21-PRE	Lab	LCS	9/14/2020	Organic	Bis(2-chloroethyl)ether	n/a	=	19	µg/L	EPA 625.1	0.27	1			
2020/21-PRE	Lab	LCS, rec	9/14/2020	Organic	Bis(2-chloroethyl)ether	n/a	=	76	%	EPA 625.1	-88	-88	43	126	
2020/21-PRE	Lab	method blank	9/15/2020	Organic	Bis(2-chloroethyl)ether	n/a	<	0.27	µg/L	EPA 625.1	0.27	1			
2020/21-PRE	Lab	LCS dup	9/16/2020	Organic	Bis(2-chloroethyl)ether	n/a	=	18.3	µg/L	EPA 625.1	0.27	1			
2020/21-PRE	Lab	LCS dup, rec	9/16/2020	Organic	Bis(2-chloroethyl)ether	n/a	=	73	%	EPA 625.1	-88	-88	43	126	
2020/21-PRE	Lab	LCS, RPD	9/16/2020	Organic	Bis(2-chloroethyl)ether	n/a	=	2	%	EPA 625.1	-88	-88	0	30	
2020/21-PRE	Lab	LCS	9/17/2020	Organic	Bis(2-chloroethyl)ether	n/a	=	18.6	µg/L	EPA 625.1	0.27	1			
2020/21-PRE	Lab	LCS, rec	9/17/2020	Organic	Bis(2-chloroethyl)ether	n/a	=	74	%	EPA 625.1	-88	-88	43	126	
2020/21-PRE	Lab	method blank	9/17/2020	Organic	Bis(2-chloroethyl)ether	n/a	<	0.27	µg/L	EPA 625.1	0.27	1			
2020/21-PRE	Tubing Blank	equip blank	9/15/2020	Organic	Bis(2-chloroethyl)ether	n/a	<	0.27	µg/L	EPA 625.1	0.27	1			
2020/21-PRE	000NONPJ	matrix spike	9/14/2020	Organic	Bis(2-chloroisopropyl)ether	n/a	=	33.6	µg/L	EPA 625.1	1.5	4			
2020/21-PRE	000NONPJ	matrix spike, rec	9/14/2020	Organic	Bis(2-chloroisopropyl)ether	n/a	=	67	%	EPA 625.1	-88	-88	36	166	
2020/21-PRE	000NONPJ	matrix spike dup	9/14/2020	Organic	Bis(2-chloroisopropyl)ether	n/a	=	39.7	µg/L	EPA 625.1	1.5	4			
2020/21-PRE	000NONPJ	matrix spike dup, rec	9/14/2020	Organic	Bis(2-chloroisopropyl)ether	n/a	=	79	%	EPA 625.1	-88	-88	36	166	
2020/21-PRE	000NONPJ	matrix spike, RPD	9/14/2020	Organic	Bis(2-chloroisopropyl)ether	n/a	=	17	%	EPA 625.1	-88	-88	0	30	
2020/21-PRE	000NONPJ	matrix spike	9/14/2020	Organic	Bis(2-chloroisopropyl)ether	n/a	=	172	µg/L	EPA 625.1	3.8	10			
2020/21-PRE	000NONPJ	matrix spike, rec	9/14/2020	Organic	Bis(2-chloroisopropyl)ether	n/a	=	69	%	EPA 625.1	-88	-88	36	166	
2020/21-PRE	000NONPJ	matrix spike dup	9/15/2020	Organic	Bis(2-chloroisopropyl)ether	n/a	=	177	µg/L	EPA 625.1	3.8	10			
2020/21-PRE	000NONPJ	matrix spike dup, rec	9/15/2020	Organic	Bis(2-chloroisopropyl)ether	n/a	=	71	%	EPA 625.1	-88	-88	36	166	
2020/21-PRE	000NONPJ	matrix spike, RPD	9/15/2020	Organic	Bis(2-chloroisopropyl)ether	n/a	=	3	%	EPA 625.1	-88	-88	0	30	
2020/21-PRE	000NONPJ	lab duplicate	9/15/2020	Organic	Bis(2-chloroisopropyl)ether	n/a	<	1.5	µg/L	EPA 625.1	1.5	4	30		DF,DG
2020/21-PRE	000NONPJ	lab duplicate	9/15/2020	Organic	Bis(2-chloroisopropyl)ether	n/a	<	3.8	µg/L	EPA 625.1	3.8	10	30		DF,DG
2020/21-PRE	Carboy Blank	equip blank	9/17/2020	Organic	Bis(2-chloroisopropyl)ether	n/a	<	0.38	µg/L	EPA 625.1	0.38	1			
2020/21-PRE	Lab	LCS	9/14/2020	Organic	Bis(2-chloroisopropyl)ether	n/a	=	20.1	µg/L	EPA 625.1	0.38	1			
2020/21-PRE	Lab	LCS, rec	9/14/2020	Organic	Bis(2-chloroisopropyl)ether	n/a	=	80	%	EPA 625.1	-88	-88	63	139	
2020/21-PRE	Lab	method blank	9/15/2020	Organic	Bis(2-chloroisopropyl)ether	n/a	<	0.38	µg/L	EPA 625.1	0.38	1			
2020/21-PRE	Lab	LCS dup	9/16/2020	Organic	Bis(2-chloroisopropyl)ether	n/a	=	19.3	µg/L	EPA 625.1	0.38	1			
2020/21-PRE	Lab	LCS dup, rec	9/16/2020	Organic	Bis(2-chloroisopropyl)ether	n/a	=	77	%	EPA 625.1	-88	-88	63	139	
2020/21-PRE	Lab	LCS, RPD	9/16/2020	Organic	Bis(2-chloroisopropyl)ether	n/a	=	0.3	%	EPA 625.1	-88	-88	0	30	
2020/21-PRE	Lab	LCS	9/17/2020	Organic	Bis(2-chloroisopropyl)ether	n/a	=	19.3	µg/L	EPA 625.1	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	
2020/21-PRE	Lab	LCS, rec	9/17/2020	Organic	Bis(2-chloroisopropyl)ether	n/a	=	77	%	EPA 625.1	-88	-88	63	139	
2020/21-PRE	Lab	method blank	9/17/2020	Organic	Bis(2-chloroisopropyl)ether	n/a	<	0.38	µg/L	EPA 625.1	0.38	1			
2020/21-PRE	Tubing Blank	equip blank	9/15/2020	Organic	Bis(2-chloroisopropyl)ether	n/a	<	0.38	µg/L	EPA 625.1	0.38	1			
2020/21-PRE	000NONPJ	matrix spike	8/24/2020	Organic	Bis(2-ethylhexyl)adipate	n/a	=	5.7	µg/L	EPA 525.2	0.12	5			
2020/21-PRE	000NONPJ	matrix spike, rec	8/24/2020	Organic	Bis(2-ethylhexyl)adipate	n/a	=	114	%	EPA 525.2	-88	-88	70	130	
2020/21-PRE	000NONPJ	matrix spike dup	8/24/2020	Organic	Bis(2-ethylhexyl)adipate	n/a	=	5.42	µg/L	EPA 525.2	0.12	5			
2020/21-PRE	000NONPJ	matrix spike dup, rec	8/24/2020	Organic	Bis(2-ethylhexyl)adipate	n/a	=	108	%	EPA 525.2	-88	-88	70	130	
2020/21-PRE	000NONPJ	matrix spike, RPD	8/24/2020	Organic	Bis(2-ethylhexyl)adipate	n/a	=	5	%	EPA 525.2	-88	-88	0	30	
2020/21-PRE	Carboy Blank	equip blank	8/25/2020	Organic	Bis(2-ethylhexyl)adipate	n/a	<	0.12	µg/L	EPA 525.2	0.12	5			
2020/21-PRE	Lab	method blank	8/24/2020	Organic	Bis(2-ethylhexyl)adipate	n/a	<	0.12	µg/L	EPA 525.2	0.12	5			
2020/21-PRE	Lab	LCS	8/24/2020	Organic	Bis(2-ethylhexyl)adipate	n/a	DNQ	4.8	µg/L	EPA 525.2	0.12	5			
2020/21-PRE	Lab	LCS, rec	8/24/2020	Organic	Bis(2-ethylhexyl)adipate	n/a	=	96	%	EPA 525.2	-88	-88	70	130	
2020/21-PRE	Tubing Blank	equip blank	8/25/2020	Organic	Bis(2-ethylhexyl)adipate	n/a	<	0.12	µg/L	EPA 525.2	0.12	5			
2020/21-PRE	000NONPJ	matrix spike	8/24/2020	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	5.92	µg/L	EPA 525.2	0.41	3			
2020/21-PRE	000NONPJ	matrix spike, rec	8/24/2020	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	118	%	EPA 525.2	-88	-88	70	130	
2020/21-PRE	000NONPJ	matrix spike dup	8/24/2020	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	5.73	µg/L	EPA 525.2	0.41	3			
2020/21-PRE	000NONPJ	matrix spike dup, rec	8/24/2020	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	115	%	EPA 525.2	-88	-88	70	130	
2020/21-PRE	000NONPJ	matrix spike, RPD	8/24/2020	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	3	%	EPA 525.2	-88	-88	0	30	
2020/21-PRE	000NONPJ	matrix spike	9/14/2020	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	59.1	µg/L	EPA 625.1	9.2	20			
2020/21-PRE	000NONPJ	matrix spike, rec	9/14/2020	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	94	%	EPA 625.1	-88	-88	8	158	
2020/21-PRE	000NONPJ	matrix spike dup	9/14/2020	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	50.6	µg/L	EPA 625.1	9.2	20			
2020/21-PRE	000NONPJ	matrix spike dup, rec	9/14/2020	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	77	%	EPA 625.1	-88	-88	8	158	
2020/21-PRE	000NONPJ	matrix spike, RPD	9/14/2020	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	15	%	EPA 625.1	-88	-88	0	30	
2020/21-PRE	000NONPJ	matrix spike	9/14/2020	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	203	µg/L	EPA 625.1	23	50			
2020/21-PRE	000NONPJ	matrix spike, rec	9/14/2020	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	65	%	EPA 625.1	-88	-88	8	158	
2020/21-PRE	000NONPJ	matrix spike dup	9/15/2020	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	214	µg/L	EPA 625.1	23	50			
2020/21-PRE	000NONPJ	matrix spike dup, rec	9/15/2020	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	70	%	EPA 625.1	-88	-88	8	158	
2020/21-PRE	000NONPJ	matrix spike, RPD	9/15/2020	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	5	%	EPA 625.1	-88	-88	0	30	
2020/21-PRE	000NONPJ	lab duplicate	9/15/2020	Organic	Bis(2-ethylhexyl)phthalate	n/a	DNQ	14.4	µg/L	EPA 625.1	9.2	20		30	
2020/21-PRE	000NONPJ	lab duplicate	9/15/2020	Organic	Bis(2-ethylhexyl)phthalate	n/a	DNQ	34.7	µg/L	EPA 625.1	23	50		30	
2020/21-PRE	Carboy Blank	equip blank	8/25/2020	Organic	Bis(2-ethylhexyl)phthalate	n/a	<	0.41	µg/L	EPA 525.2	0.41	3			
2020/21-PRE	Carboy Blank	equip blank	9/17/2020	Organic	Bis(2-ethylhexyl)phthalate	n/a	<	2.3	µg/L	EPA 625.1	2.3	5			
2020/21-PRE	Lab	method blank	8/24/2020	Organic	Bis(2-ethylhexyl)phthalate	n/a	<	0.41	µg/L	EPA 525.2	0.41	3			
2020/21-PRE	Lab	LCS	8/24/2020	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	4.94	µg/L	EPA 525.2	0.41	3			
2020/21-PRE	Lab	LCS, rec	8/24/2020	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	99	%	EPA 525.2	-88	-88	70	130	
2020/21-PRE	Lab	LCS	9/14/2020	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	20.3	µg/L	EPA 625.1	2.3	5			
2020/21-PRE	Lab	LCS, rec	9/14/2020	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	81	%	EPA 625.1	-88	-88	29	137	
2020/21-PRE	Lab	method blank	9/15/2020	Organic	Bis(2-ethylhexyl)phthalate	n/a	<	2.3	µg/L	EPA 625.1	2.3	5			
2020/21-PRE	Lab	LCS dup	9/16/2020	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	41.2	µg/L	EPA 625.1	2.3	5			EUM
2020/21-PRE	Lab	LCS dup, rec	9/16/2020	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	165	%	EPA 625.1	-88	-88	29	137	EUM
2020/21-PRE	Lab	LCS, RPD	9/16/2020	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	57	%	EPA 625.1	-88	-88	0	30	IL
2020/21-PRE	Lab	LCS	9/17/2020	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	23	µg/L	EPA 625.1	2.3	5			
2020/21-PRE	Lab	LCS, rec	9/17/2020	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	92	%	EPA 625.1	-88	-88	29	137	
2020/21-PRE	Lab	method blank	9/17/2020	Organic	Bis(2-ethylhexyl)phthalate	n/a	<	2.3	µg/L	EPA 625.1	2.3	5			
2020/21-PRE	Tubing Blank	equip blank	8/25/2020	Organic	Bis(2-ethylhexyl)phthalate	n/a	<	0.41	µg/L	EPA 525.2	0.41	3			
2020/21-PRE	Tubing Blank	equip blank	9/15/2020	Organic	Bis(2-ethylhexyl)phthalate	n/a	<	2.3	µg/L	EPA 625.1	2.3	5			
2020/21-PRE	000NONPJ	matrix spike	9/14/2020	Organic	Butyl benzyl phthalate	n/a	=	43.1	µg/L	EPA 625.1	0.72	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	
2020/21-PRE	000NONPJ	matrix spike, rec	9/14/2020	Organic	Butyl benzyl phthalate	n/a	=	86	%	EPA 625.1	-88	-88	0.1	152	
2020/21-PRE	000NONPJ	matrix spike dup	9/14/2020	Organic	Butyl benzyl phthalate	n/a	=	37.1	µg/L	EPA 625.1	0.72	4			
2020/21-PRE	000NONPJ	matrix spike dup, rec	9/14/2020	Organic	Butyl benzyl phthalate	n/a	=	74	%	EPA 625.1	-88	-88	0.1	152	
2020/21-PRE	000NONPJ	matrix spike, RPD	9/14/2020	Organic	Butyl benzyl phthalate	n/a	=	15	%	EPA 625.1	-88	-88	0	30	
2020/21-PRE	000NONPJ	matrix spike	9/14/2020	Organic	Butyl benzyl phthalate	n/a	=	172	µg/L	EPA 625.1	1.8	10			
2020/21-PRE	000NONPJ	matrix spike, rec	9/14/2020	Organic	Butyl benzyl phthalate	n/a	=	69	%	EPA 625.1	-88	-88	0.1	152	
2020/21-PRE	000NONPJ	matrix spike dup	9/15/2020	Organic	Butyl benzyl phthalate	n/a	=	177	µg/L	EPA 625.1	1.8	10			
2020/21-PRE	000NONPJ	matrix spike dup, rec	9/15/2020	Organic	Butyl benzyl phthalate	n/a	=	71	%	EPA 625.1	-88	-88	0.1	152	
2020/21-PRE	000NONPJ	matrix spike, RPD	9/15/2020	Organic	Butyl benzyl phthalate	n/a	=	2	%	EPA 625.1	-88	-88	0	30	
2020/21-PRE	000NONPJ	lab duplicate	9/15/2020	Organic	Butyl benzyl phthalate	n/a	<	0.72	µg/L	EPA 625.1	0.72	4		30	DF,DG
2020/21-PRE	000NONPJ	lab duplicate	9/15/2020	Organic	Butyl benzyl phthalate	n/a	<	1.8	µg/L	EPA 625.1	1.8	10		30	DF,DG
2020/21-PRE	Carboy Blank	equip blank	9/17/2020	Organic	Butyl benzyl phthalate	n/a	<	0.18	µg/L	EPA 625.1	0.18	1			
2020/21-PRE	Lab	LCS	9/14/2020	Organic	Butyl benzyl phthalate	n/a	=	20.3	µg/L	EPA 625.1	0.18	1			
2020/21-PRE	Lab	LCS, rec	9/14/2020	Organic	Butyl benzyl phthalate	n/a	=	81	%	EPA 625.1	-88	-88	0.1	140	
2020/21-PRE	Lab	method blank	9/15/2020	Organic	Butyl benzyl phthalate	n/a	<	0.18	µg/L	EPA 625.1	0.18	1			
2020/21-PRE	Lab	LCS dup	9/16/2020	Organic	Butyl benzyl phthalate	n/a	=	19.6	µg/L	EPA 625.1	0.18	1			
2020/21-PRE	Lab	LCS dup, rec	9/16/2020	Organic	Butyl benzyl phthalate	n/a	=	78	%	EPA 625.1	-88	-88	0.1	140	
2020/21-PRE	Lab	LCS, RPD	9/16/2020	Organic	Butyl benzyl phthalate	n/a	=	17	%	EPA 625.1	-88	-88	0	30	
2020/21-PRE	Lab	LCS	9/17/2020	Organic	Butyl benzyl phthalate	n/a	=	23.1	µg/L	EPA 625.1	0.18	1			
2020/21-PRE	Lab	LCS, rec	9/17/2020	Organic	Butyl benzyl phthalate	n/a	=	93	%	EPA 625.1	-88	-88	0.1	140	
2020/21-PRE	Lab	method blank	9/17/2020	Organic	Butyl benzyl phthalate	n/a	<	0.18	µg/L	EPA 625.1	0.18	1			
2020/21-PRE	Tubing Blank	equip blank	9/15/2020	Organic	Butyl benzyl phthalate	n/a	<	0.18	µg/L	EPA 625.1	0.18	1			
2020/21-PRE	000NONPJ	matrix spike	9/14/2020	Organic	Chrysene	n/a	=	43.7	µg/L	EPA 625.1	0.76	4			
2020/21-PRE	000NONPJ	matrix spike, rec	9/14/2020	Organic	Chrysene	n/a	=	87	%	EPA 625.1	-88	-88	17	168	
2020/21-PRE	000NONPJ	matrix spike dup	9/14/2020	Organic	Chrysene	n/a	=	36.5	µg/L	EPA 625.1	0.76	4			
2020/21-PRE	000NONPJ	matrix spike dup, rec	9/14/2020	Organic	Chrysene	n/a	=	73	%	EPA 625.1	-88	-88	17	168	
2020/21-PRE	000NONPJ	matrix spike, RPD	9/14/2020	Organic	Chrysene	n/a	=	18	%	EPA 625.1	-88	-88	0	30	
2020/21-PRE	000NONPJ	matrix spike	9/14/2020	Organic	Chrysene	n/a	=	180	µg/L	EPA 625.1	1.9	10			
2020/21-PRE	000NONPJ	matrix spike, rec	9/14/2020	Organic	Chrysene	n/a	=	72	%	EPA 625.1	-88	-88	17	168	
2020/21-PRE	000NONPJ	matrix spike dup	9/15/2020	Organic	Chrysene	n/a	=	191	µg/L	EPA 625.1	1.9	10			
2020/21-PRE	000NONPJ	matrix spike dup, rec	9/15/2020	Organic	Chrysene	n/a	=	76	%	EPA 625.1	-88	-88	17	168	
2020/21-PRE	000NONPJ	matrix spike, RPD	9/15/2020	Organic	Chrysene	n/a	=	6	%	EPA 625.1	-88	-88	0	30	
2020/21-PRE	000NONPJ	lab duplicate	9/15/2020	Organic	Chrysene	n/a	<	0.76	µg/L	EPA 625.1	0.76	4		30	DF,DG
2020/21-PRE	000NONPJ	lab duplicate	9/15/2020	Organic	Chrysene	n/a	<	1.9	µg/L	EPA 625.1	1.9	10		30	DF,DG
2020/21-PRE	Carboy Blank	equip blank	9/17/2020	Organic	Chrysene	n/a	<	0.19	µg/L	EPA 625.1	0.19	1			
2020/21-PRE	Lab	LCS	9/14/2020	Organic	Chrysene	n/a	=	23.7	µg/L	EPA 625.1	0.19	1			
2020/21-PRE	Lab	LCS, rec	9/14/2020	Organic	Chrysene	n/a	=	95	%	EPA 625.1	-88	-88	44	140	
2020/21-PRE	Lab	method blank	9/15/2020	Organic	Chrysene	n/a	<	0.19	µg/L	EPA 625.1	0.19	1			
2020/21-PRE	Lab	LCS dup	9/16/2020	Organic	Chrysene	n/a	=	21.3	µg/L	EPA 625.1	0.19	1			
2020/21-PRE	Lab	LCS dup, rec	9/16/2020	Organic	Chrysene	n/a	=	85	%	EPA 625.1	-88	-88	44	140	
2020/21-PRE	Lab	LCS, RPD	9/16/2020	Organic	Chrysene	n/a	=	17	%	EPA 625.1	-88	-88	0	30	
2020/21-PRE	Lab	LCS	9/17/2020	Organic	Chrysene	n/a	=	25.2	µg/L	EPA 625.1	0.19	1			
2020/21-PRE	Lab	LCS, rec	9/17/2020	Organic	Chrysene	n/a	=	101	%	EPA 625.1	-88	-88	44	140	
2020/21-PRE	Lab	method blank	9/17/2020	Organic	Chrysene	n/a	<	0.19	µg/L	EPA 625.1	0.19	1			
2020/21-PRE	Tubing Blank	equip blank	9/15/2020	Organic	Chrysene	n/a	<	0.19	µg/L	EPA 625.1	0.19	1			
2020/21-PRE	000NONPJ	matrix spike	9/14/2020	Organic	Dibenz(a,h)anthracene	n/a	=	26.8	µg/L	EPA 625.1	2.1	8			
2020/21-PRE	000NONPJ	matrix spike, rec	9/14/2020	Organic	Dibenz(a,h)anthracene	n/a	=	54	%	EPA 625.1	-88	-88	0.1	227	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2020/21-PRE	000NONPJ	matrix spike dup	9/14/2020	Organic	Dibenz(a,h)anthracene	n/a	=	24.4	µg/L	EPA 625.1	2.1	8			
2020/21-PRE	000NONPJ	matrix spike dup, rec	9/14/2020	Organic	Dibenz(a,h)anthracene	n/a	=	49	%	EPA 625.1	-88	-88	0.1	227	
2020/21-PRE	000NONPJ	matrix spike, RPD	9/14/2020	Organic	Dibenz(a,h)anthracene	n/a	=	9	%	EPA 625.1	-88	-88	0	30	
2020/21-PRE	000NONPJ	matrix spike	9/14/2020	Organic	Dibenz(a,h)anthracene	n/a	=	126	µg/L	EPA 625.1	5.3	20			
2020/21-PRE	000NONPJ	matrix spike, rec	9/14/2020	Organic	Dibenz(a,h)anthracene	n/a	=	50	%	EPA 625.1	-88	-88	0.1	227	
2020/21-PRE	000NONPJ	matrix spike dup	9/15/2020	Organic	Dibenz(a,h)anthracene	n/a	=	132	µg/L	EPA 625.1	5.3	20			
2020/21-PRE	000NONPJ	matrix spike dup, rec	9/15/2020	Organic	Dibenz(a,h)anthracene	n/a	=	53	%	EPA 625.1	-88	-88	0.1	227	
2020/21-PRE	000NONPJ	matrix spike, RPD	9/15/2020	Organic	Dibenz(a,h)anthracene	n/a	=	5	%	EPA 625.1	-88	-88	0	30	
2020/21-PRE	000NONPJ	lab duplicate	9/15/2020	Organic	Dibenz(a,h)anthracene	n/a	<	2.1	µg/L	EPA 625.1	2.1	8		30	DF,DG
2020/21-PRE	000NONPJ	lab duplicate	9/15/2020	Organic	Dibenz(a,h)anthracene	n/a	<	5.3	µg/L	EPA 625.1	5.3	20		30	DF,DG
2020/21-PRE	Carboy Blank	equip blank	9/17/2020	Organic	Dibenz(a,h)anthracene	n/a	<	0.53	µg/L	EPA 625.1	0.53	2			
2020/21-PRE	Lab	LCS	9/14/2020	Organic	Dibenz(a,h)anthracene	n/a	=	23.4	µg/L	EPA 625.1	0.53	2			
2020/21-PRE	Lab	LCS, rec	9/14/2020	Organic	Dibenz(a,h)anthracene	n/a	=	94	%	EPA 625.1	-88	-88	0.1	200	
2020/21-PRE	Lab	method blank	9/15/2020	Organic	Dibenz(a,h)anthracene	n/a	<	0.53	µg/L	EPA 625.1	0.53	2			
2020/21-PRE	Lab	LCS dup	9/16/2020	Organic	Dibenz(a,h)anthracene	n/a	=	22	µg/L	EPA 625.1	0.53	2			
2020/21-PRE	Lab	LCS dup, rec	9/16/2020	Organic	Dibenz(a,h)anthracene	n/a	=	88	%	EPA 625.1	-88	-88	0.1	200	
2020/21-PRE	Lab	LCS, RPD	9/16/2020	Organic	Dibenz(a,h)anthracene	n/a	=	14	%	EPA 625.1	-88	-88	0	30	
2020/21-PRE	Lab	LCS	9/17/2020	Organic	Dibenz(a,h)anthracene	n/a	=	25.4	µg/L	EPA 625.1	0.53	2			
2020/21-PRE	Lab	LCS, rec	9/17/2020	Organic	Dibenz(a,h)anthracene	n/a	=	101	%	EPA 625.1	-88	-88	0.1	200	
2020/21-PRE	Lab	method blank	9/17/2020	Organic	Dibenz(a,h)anthracene	n/a	<	0.53	µg/L	EPA 625.1	0.53	2			
2020/21-PRE	Tubing Blank	equip blank	9/15/2020	Organic	Dibenz(a,h)anthracene	n/a	<	0.53	µg/L	EPA 625.1	0.53	2			
2020/21-PRE	000NONPJ	matrix spike	9/14/2020	Organic	Diethyl phthalate	n/a	=	51.4	µg/L	EPA 625.1	0.6	4			
2020/21-PRE	000NONPJ	matrix spike, rec	9/14/2020	Organic	Diethyl phthalate	n/a	=	91	%	EPA 625.1	-88	-88	0.1	120	
2020/21-PRE	000NONPJ	matrix spike dup	9/14/2020	Organic	Diethyl phthalate	n/a	=	46.7	µg/L	EPA 625.1	0.6	4			
2020/21-PRE	000NONPJ	matrix spike dup, rec	9/14/2020	Organic	Diethyl phthalate	n/a	=	82	%	EPA 625.1	-88	-88	0.1	120	
2020/21-PRE	000NONPJ	matrix spike, RPD	9/14/2020	Organic	Diethyl phthalate	n/a	=	10	%	EPA 625.1	-88	-88	0	30	
2020/21-PRE	000NONPJ	matrix spike	9/14/2020	Organic	Diethyl phthalate	n/a	=	159	µg/L	EPA 625.1	1.5	10			
2020/21-PRE	000NONPJ	matrix spike, rec	9/14/2020	Organic	Diethyl phthalate	n/a	=	64	%	EPA 625.1	-88	-88	0.1	120	
2020/21-PRE	000NONPJ	matrix spike dup	9/15/2020	Organic	Diethyl phthalate	n/a	=	158	µg/L	EPA 625.1	1.5	10			
2020/21-PRE	000NONPJ	matrix spike dup, rec	9/15/2020	Organic	Diethyl phthalate	n/a	=	63	%	EPA 625.1	-88	-88	0.1	120	
2020/21-PRE	000NONPJ	matrix spike, RPD	9/15/2020	Organic	Diethyl phthalate	n/a	=	0.3	%	EPA 625.1	-88	-88	0	30	
2020/21-PRE	000NONPJ	lab duplicate	9/15/2020	Organic	Diethyl phthalate	n/a	=	6.82	µg/L	EPA 625.1	0.6	4		30	
2020/21-PRE	000NONPJ	lab duplicate	9/15/2020	Organic	Diethyl phthalate	n/a	<	1.5	µg/L	EPA 625.1	1.5	10		30	DF,DG
2020/21-PRE	Carboy Blank	equip blank	9/17/2020	Organic	Diethyl phthalate	n/a	<	0.15	µg/L	EPA 625.1	0.15	1			
2020/21-PRE	Lab	LCS	9/14/2020	Organic	Diethyl phthalate	n/a	=	20.7	µg/L	EPA 625.1	0.15	1			
2020/21-PRE	Lab	LCS, rec	9/14/2020	Organic	Diethyl phthalate	n/a	=	83	%	EPA 625.1	-88	-88	0.1	120	
2020/21-PRE	Lab	method blank	9/15/2020	Organic	Diethyl phthalate	n/a	<	0.15	µg/L	EPA 625.1	0.15	1			
2020/21-PRE	Lab	LCS dup	9/16/2020	Organic	Diethyl phthalate	n/a	=	19.9	µg/L	EPA 625.1	0.15	1			
2020/21-PRE	Lab	LCS dup, rec	9/16/2020	Organic	Diethyl phthalate	n/a	=	80	%	EPA 625.1	-88	-88	0.1	120	
2020/21-PRE	Lab	LCS, RPD	9/16/2020	Organic	Diethyl phthalate	n/a	=	7	%	EPA 625.1	-88	-88	0	30	
2020/21-PRE	Lab	LCS	9/17/2020	Organic	Diethyl phthalate	n/a	=	21.3	µg/L	EPA 625.1	0.15	1			
2020/21-PRE	Lab	LCS, rec	9/17/2020	Organic	Diethyl phthalate	n/a	=	85	%	EPA 625.1	-88	-88	0.1	120	
2020/21-PRE	Lab	method blank	9/17/2020	Organic	Diethyl phthalate	n/a	<	0.15	µg/L	EPA 625.1	0.15	1			
2020/21-PRE	Tubing Blank	equip blank	9/15/2020	Organic	Diethyl phthalate	n/a	=	1.5	µg/L	EPA 625.1	0.15	1			
2020/21-PRE	000NONPJ	matrix spike	9/14/2020	Organic	Dimethyl phthalate	n/a	=	40.3	µg/L	EPA 625.1	0.72	4			
2020/21-PRE	000NONPJ	matrix spike, rec	9/14/2020	Organic	Dimethyl phthalate	n/a	=	81	%	EPA 625.1	-88	-88	0.1	120	
2020/21-PRE	000NONPJ	matrix spike dup	9/14/2020	Organic	Dimethyl phthalate	n/a	=	37.7	µg/L	EPA 625.1	0.72	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	
2020/21-PRE	000NONPJ	matrix spike dup, rec	9/14/2020	Organic	Dimethyl phthalate	n/a	=	75	%	EPA 625.1	-88	-88	0.1	120	
2020/21-PRE	000NONPJ	matrix spike, RPD	9/14/2020	Organic	Dimethyl phthalate	n/a	=	7	%	EPA 625.1	-88	-88	0	30	
2020/21-PRE	000NONPJ	matrix spike	9/14/2020	Organic	Dimethyl phthalate	n/a	=	157	µg/L	EPA 625.1	1.8	10			
2020/21-PRE	000NONPJ	matrix spike, rec	9/14/2020	Organic	Dimethyl phthalate	n/a	=	63	%	EPA 625.1	-88	-88	0.1	120	
2020/21-PRE	000NONPJ	matrix spike dup	9/15/2020	Organic	Dimethyl phthalate	n/a	=	152	µg/L	EPA 625.1	1.8	10			
2020/21-PRE	000NONPJ	matrix spike dup, rec	9/15/2020	Organic	Dimethyl phthalate	n/a	=	61	%	EPA 625.1	-88	-88	0.1	120	
2020/21-PRE	000NONPJ	matrix spike, RPD	9/15/2020	Organic	Dimethyl phthalate	n/a	=	3	%	EPA 625.1	-88	-88	0	30	
2020/21-PRE	000NONPJ	lab duplicate	9/15/2020	Organic	Dimethyl phthalate	n/a	<	0.72	µg/L	EPA 625.1	0.72	4		30	DF,DG
2020/21-PRE	000NONPJ	lab duplicate	9/15/2020	Organic	Dimethyl phthalate	n/a	<	1.8	µg/L	EPA 625.1	1.8	10		30	DF,DG
2020/21-PRE	Carboy Blank	equip blank	9/17/2020	Organic	Dimethyl phthalate	n/a	<	0.18	µg/L	EPA 625.1	0.18	1			
2020/21-PRE	Lab	LCS	9/14/2020	Organic	Dimethyl phthalate	n/a	=	20.5	µg/L	EPA 625.1	0.18	1			
2020/21-PRE	Lab	LCS, rec	9/14/2020	Organic	Dimethyl phthalate	n/a	=	82	%	EPA 625.1	-88	-88	0.1	120	
2020/21-PRE	Lab	method blank	9/15/2020	Organic	Dimethyl phthalate	n/a	<	0.18	µg/L	EPA 625.1	0.18	1			
2020/21-PRE	Lab	LCS dup	9/16/2020	Organic	Dimethyl phthalate	n/a	=	18.9	µg/L	EPA 625.1	0.18	1			
2020/21-PRE	Lab	LCS dup, rec	9/16/2020	Organic	Dimethyl phthalate	n/a	=	76	%	EPA 625.1	-88	-88	0.1	120	
2020/21-PRE	Lab	LCS, RPD	9/16/2020	Organic	Dimethyl phthalate	n/a	=	3	%	EPA 625.1	-88	-88	0	30	
2020/21-PRE	Lab	LCS	9/17/2020	Organic	Dimethyl phthalate	n/a	=	19.5	µg/L	EPA 625.1	0.18	1			
2020/21-PRE	Lab	LCS, rec	9/17/2020	Organic	Dimethyl phthalate	n/a	=	78	%	EPA 625.1	-88	-88	0.1	120	
2020/21-PRE	Lab	method blank	9/17/2020	Organic	Dimethyl phthalate	n/a	<	0.18	µg/L	EPA 625.1	0.18	1			
2020/21-PRE	Tubing Blank	equip blank	9/15/2020	Organic	Dimethyl phthalate	n/a	<	0.18	µg/L	EPA 625.1	0.18	1			
2020/21-PRE	000NONPJ	matrix spike	9/14/2020	Organic	Di-n-butylphthalate	n/a	=	123	µg/L	EPA 625.1	0.4	4			
2020/21-PRE	000NONPJ	matrix spike, rec	9/14/2020	Organic	Di-n-butylphthalate	n/a	=	109	%	EPA 625.1	-88	-88	1	120	
2020/21-PRE	000NONPJ	matrix spike dup	9/14/2020	Organic	Di-n-butylphthalate	n/a	=	113	µg/L	EPA 625.1	0.4	4			
2020/21-PRE	000NONPJ	matrix spike dup, rec	9/14/2020	Organic	Di-n-butylphthalate	n/a	=	91	%	EPA 625.1	-88	-88	1	120	
2020/21-PRE	000NONPJ	matrix spike, RPD	9/14/2020	Organic	Di-n-butylphthalate	n/a	=	8	%	EPA 625.1	-88	-88	0	30	
2020/21-PRE	000NONPJ	matrix spike	9/14/2020	Organic	Di-n-butylphthalate	n/a	=	199	µg/L	EPA 625.1	1	10			
2020/21-PRE	000NONPJ	matrix spike, rec	9/14/2020	Organic	Di-n-butylphthalate	n/a	=	79	%	EPA 625.1	-88	-88	1	120	
2020/21-PRE	000NONPJ	matrix spike dup	9/15/2020	Organic	Di-n-butylphthalate	n/a	=	203	µg/L	EPA 625.1	1	10			
2020/21-PRE	000NONPJ	matrix spike dup, rec	9/15/2020	Organic	Di-n-butylphthalate	n/a	=	81	%	EPA 625.1	-88	-88	1	120	
2020/21-PRE	000NONPJ	matrix spike, RPD	9/15/2020	Organic	Di-n-butylphthalate	n/a	=	2	%	EPA 625.1	-88	-88	0	30	
2020/21-PRE	000NONPJ	lab duplicate	9/15/2020	Organic	Di-n-butylphthalate	n/a	=	80.6	µg/L	EPA 625.1	0.4	4		30	
2020/21-PRE	000NONPJ	lab duplicate	9/15/2020	Organic	Di-n-butylphthalate	n/a	DNQ	1.34	µg/L	EPA 625.1	1	10		30	
2020/21-PRE	Carboy Blank	equip blank	9/17/2020	Organic	Di-n-butylphthalate	n/a	<	0.1	µg/L	EPA 625.1	0.1	1			
2020/21-PRE	Lab	LCS	9/14/2020	Organic	Di-n-butylphthalate	n/a	=	22.9	µg/L	EPA 625.1	0.1	1			
2020/21-PRE	Lab	LCS, rec	9/14/2020	Organic	Di-n-butylphthalate	n/a	=	92	%	EPA 625.1	-88	-88	8	120	
2020/21-PRE	Lab	method blank	9/15/2020	Organic	Di-n-butylphthalate	n/a	<	0.1	µg/L	EPA 625.1	0.1	1			
2020/21-PRE	Lab	LCS dup	9/16/2020	Organic	Di-n-butylphthalate	n/a	=	21.8	µg/L	EPA 625.1	0.1	1			
2020/21-PRE	Lab	LCS dup, rec	9/16/2020	Organic	Di-n-butylphthalate	n/a	=	87	%	EPA 625.1	-88	-88	8	120	
2020/21-PRE	Lab	LCS, RPD	9/16/2020	Organic	Di-n-butylphthalate	n/a	=	15	%	EPA 625.1	-88	-88	0	30	
2020/21-PRE	Lab	LCS	9/17/2020	Organic	Di-n-butylphthalate	n/a	=	25.4	µg/L	EPA 625.1	0.1	1			
2020/21-PRE	Lab	LCS, rec	9/17/2020	Organic	Di-n-butylphthalate	n/a	=	102	%	EPA 625.1	-88	-88	8	120	
2020/21-PRE	Lab	method blank	9/17/2020	Organic	Di-n-butylphthalate	n/a	<	0.1	µg/L	EPA 625.1	0.1	1			
2020/21-PRE	Tubing Blank	equip blank	9/15/2020	Organic	Di-n-butylphthalate	n/a	<	0.1	µg/L	EPA 625.1	0.1	1			
2020/21-PRE	000NONPJ	matrix spike	9/14/2020	Organic	Di-n-octylphthalate	n/a	=	46.9	µg/L	EPA 625.1	1.8	4			
2020/21-PRE	000NONPJ	matrix spike, rec	9/14/2020	Organic	Di-n-octylphthalate	n/a	=	94	%	EPA 625.1	-88	-88	4	146	
2020/21-PRE	000NONPJ	matrix spike dup	9/14/2020	Organic	Di-n-octylphthalate	n/a	=	40.8	µg/L	EPA 625.1	1.8	4			
2020/21-PRE	000NONPJ	matrix spike dup, rec	9/14/2020	Organic	Di-n-octylphthalate	n/a	=	82	%	EPA 625.1	-88	-88	4	146	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2020/21-PRE	000NONPJ	matrix spike, RPD	9/14/2020	Organic	Di-n-octylphthalate	n/a	=	14	%	EPA 625.1	-88	-88	0	30	
2020/21-PRE	000NONPJ	matrix spike	9/14/2020	Organic	Di-n-octylphthalate	n/a	=	202	µg/L	EPA 625.1	4.6	10			
2020/21-PRE	000NONPJ	matrix spike, rec	9/14/2020	Organic	Di-n-octylphthalate	n/a	=	81	%	EPA 625.1	-88	-88	4	146	
2020/21-PRE	000NONPJ	matrix spike dup	9/15/2020	Organic	Di-n-octylphthalate	n/a	=	202	µg/L	EPA 625.1	4.6	10			
2020/21-PRE	000NONPJ	matrix spike dup, rec	9/15/2020	Organic	Di-n-octylphthalate	n/a	=	81	%	EPA 625.1	-88	-88	4	146	
2020/21-PRE	000NONPJ	matrix spike, RPD	9/15/2020	Organic	Di-n-octylphthalate	n/a	=	0.1	%	EPA 625.1	-88	-88	0	30	
2020/21-PRE	000NONPJ	lab duplicate	9/15/2020	Organic	Di-n-octylphthalate	n/a	<	1.8	µg/L	EPA 625.1	1.8	4		30	DF,DG
2020/21-PRE	000NONPJ	lab duplicate	9/15/2020	Organic	Di-n-octylphthalate	n/a	<	4.6	µg/L	EPA 625.1	4.6	10		30	DF,DG
2020/21-PRE	Carboy Blank	equip blank	9/17/2020	Organic	Di-n-octylphthalate	n/a	<	0.46	µg/L	EPA 625.1	0.46	1			
2020/21-PRE	Lab	LCS	9/14/2020	Organic	Di-n-octylphthalate	n/a	=	23.7	µg/L	EPA 625.1	0.46	1			
2020/21-PRE	Lab	LCS, rec	9/14/2020	Organic	Di-n-octylphthalate	n/a	=	95	%	EPA 625.1	-88	-88	19	132	
2020/21-PRE	Lab	method blank	9/15/2020	Organic	Di-n-octylphthalate	n/a	<	0.46	µg/L	EPA 625.1	0.46	1			
2020/21-PRE	Lab	LCS dup	9/16/2020	Organic	Di-n-octylphthalate	n/a	=	21.6	µg/L	EPA 625.1	0.46	1			
2020/21-PRE	Lab	LCS dup, rec	9/16/2020	Organic	Di-n-octylphthalate	n/a	=	87	%	EPA 625.1	-88	-88	19	132	
2020/21-PRE	Lab	LCS, RPD	9/16/2020	Organic	Di-n-octylphthalate	n/a	=	14	%	EPA 625.1	-88	-88	0	30	
2020/21-PRE	Lab	LCS	9/17/2020	Organic	Di-n-octylphthalate	n/a	=	25	µg/L	EPA 625.1	0.46	1			
2020/21-PRE	Lab	LCS, rec	9/17/2020	Organic	Di-n-octylphthalate	n/a	=	100	%	EPA 625.1	-88	-88	19	132	
2020/21-PRE	Lab	method blank	9/17/2020	Organic	Di-n-octylphthalate	n/a	<	0.46	µg/L	EPA 625.1	0.46	1			
2020/21-PRE	Tubing Blank	equip blank	9/15/2020	Organic	Di-n-octylphthalate	n/a	<	0.46	µg/L	EPA 625.1	0.46	1			
2020/21-PRE	000NONPJ	matrix spike	9/14/2020	Organic	Fluoranthene	n/a	=	43.1	µg/L	EPA 625.1	0.32	4			
2020/21-PRE	000NONPJ	matrix spike, rec	9/14/2020	Organic	Fluoranthene	n/a	=	86	%	EPA 625.1	-88	-88	26	137	
2020/21-PRE	000NONPJ	matrix spike dup	9/14/2020	Organic	Fluoranthene	n/a	=	38.6	µg/L	EPA 625.1	0.32	4			
2020/21-PRE	000NONPJ	matrix spike dup, rec	9/14/2020	Organic	Fluoranthene	n/a	=	77	%	EPA 625.1	-88	-88	26	137	
2020/21-PRE	000NONPJ	matrix spike, RPD	9/14/2020	Organic	Fluoranthene	n/a	=	11	%	EPA 625.1	-88	-88	0	30	
2020/21-PRE	000NONPJ	matrix spike	9/14/2020	Organic	Fluoranthene	n/a	=	185	µg/L	EPA 625.1	0.8	10			
2020/21-PRE	000NONPJ	matrix spike, rec	9/14/2020	Organic	Fluoranthene	n/a	=	74	%	EPA 625.1	-88	-88	26	137	
2020/21-PRE	000NONPJ	matrix spike dup	9/15/2020	Organic	Fluoranthene	n/a	=	192	µg/L	EPA 625.1	0.8	10			
2020/21-PRE	000NONPJ	matrix spike dup, rec	9/15/2020	Organic	Fluoranthene	n/a	=	77	%	EPA 625.1	-88	-88	26	137	
2020/21-PRE	000NONPJ	matrix spike, RPD	9/15/2020	Organic	Fluoranthene	n/a	=	3	%	EPA 625.1	-88	-88	0	30	
2020/21-PRE	000NONPJ	lab duplicate	9/15/2020	Organic	Fluoranthene	n/a	<	0.32	µg/L	EPA 625.1	0.32	4		30	DF,DG
2020/21-PRE	000NONPJ	lab duplicate	9/15/2020	Organic	Fluoranthene	n/a	<	0.8	µg/L	EPA 625.1	0.8	10		30	DF,DG
2020/21-PRE	Carboy Blank	equip blank	9/17/2020	Organic	Fluoranthene	n/a	<	0.08	µg/L	EPA 625.1	0.08	1			
2020/21-PRE	Lab	LCS	9/14/2020	Organic	Fluoranthene	n/a	=	20.8	µg/L	EPA 625.1	0.08	1			
2020/21-PRE	Lab	LCS, rec	9/14/2020	Organic	Fluoranthene	n/a	=	83	%	EPA 625.1	-88	-88	43	121	
2020/21-PRE	Lab	method blank	9/15/2020	Organic	Fluoranthene	n/a	<	0.08	µg/L	EPA 625.1	0.08	1			
2020/21-PRE	Lab	LCS dup	9/16/2020	Organic	Fluoranthene	n/a	=	19.8	µg/L	EPA 625.1	0.08	1			
2020/21-PRE	Lab	LCS dup, rec	9/16/2020	Organic	Fluoranthene	n/a	=	79	%	EPA 625.1	-88	-88	43	121	
2020/21-PRE	Lab	LCS, RPD	9/16/2020	Organic	Fluoranthene	n/a	=	12	%	EPA 625.1	-88	-88	0	30	
2020/21-PRE	Lab	LCS	9/17/2020	Organic	Fluoranthene	n/a	=	22.3	µg/L	EPA 625.1	0.08	1			
2020/21-PRE	Lab	LCS, rec	9/17/2020	Organic	Fluoranthene	n/a	=	89	%	EPA 625.1	-88	-88	43	121	
2020/21-PRE	Lab	method blank	9/17/2020	Organic	Fluoranthene	n/a	<	0.08	µg/L	EPA 625.1	0.08	1			
2020/21-PRE	Tubing Blank	equip blank	9/15/2020	Organic	Fluoranthene	n/a	<	0.08	µg/L	EPA 625.1	0.08	1			
2020/21-PRE	000NONPJ	matrix spike	9/14/2020	Organic	Fluorene	n/a	=	43.5	µg/L	EPA 625.1	1.4	4			
2020/21-PRE	000NONPJ	matrix spike, rec	9/14/2020	Organic	Fluorene	n/a	=	87	%	EPA 625.1	-88	-88	59	121	
2020/21-PRE	000NONPJ	matrix spike dup	9/14/2020	Organic	Fluorene	n/a	=	42.2	µg/L	EPA 625.1	1.4	4			
2020/21-PRE	000NONPJ	matrix spike dup, rec	9/14/2020	Organic	Fluorene	n/a	=	84	%	EPA 625.1	-88	-88	59	121	
2020/21-PRE	000NONPJ	matrix spike, RPD	9/14/2020	Organic	Fluorene	n/a	=	3	%	EPA 625.1	-88	-88	0	30	

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Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2020/21-PRE	000NONPJ	matrix spike	9/14/2020	Organic	Fluorene	n/a	=	161	µg/L	EPA 625.1	3.5	10			
2020/21-PRE	000NONPJ	matrix spike, rec	9/14/2020	Organic	Fluorene	n/a	=	64	%	EPA 625.1	-88	-88	59	121	
2020/21-PRE	000NONPJ	matrix spike dup	9/15/2020	Organic	Fluorene	n/a	=	156	µg/L	EPA 625.1	3.5	10			
2020/21-PRE	000NONPJ	matrix spike dup, rec	9/15/2020	Organic	Fluorene	n/a	=	63	%	EPA 625.1	-88	-88	59	121	
2020/21-PRE	000NONPJ	matrix spike, RPD	9/15/2020	Organic	Fluorene	n/a	=	3	%	EPA 625.1	-88	-88	0	30	
2020/21-PRE	000NONPJ	lab duplicate	9/15/2020	Organic	Fluorene	n/a	<	1.4	µg/L	EPA 625.1	1.4	4		30	DF,DG
2020/21-PRE	000NONPJ	lab duplicate	9/15/2020	Organic	Fluorene	n/a	<	3.5	µg/L	EPA 625.1	3.5	10		30	DF,DG
2020/21-PRE	Carboy Blank	equip blank	9/17/2020	Organic	Fluorene	n/a	<	0.35	µg/L	EPA 625.1	0.35	1			
2020/21-PRE	Lab	LCS	9/14/2020	Organic	Fluorene	n/a	=	20.7	µg/L	EPA 625.1	0.35	1			
2020/21-PRE	Lab	LCS, rec	9/14/2020	Organic	Fluorene	n/a	=	83	%	EPA 625.1	-88	-88	70	120	
2020/21-PRE	Lab	method blank	9/15/2020	Organic	Fluorene	n/a	<	0.35	µg/L	EPA 625.1	0.35	1			
2020/21-PRE	Lab	LCS dup	9/16/2020	Organic	Fluorene	n/a	=	19.8	µg/L	EPA 625.1	0.35	1			
2020/21-PRE	Lab	LCS dup, rec	9/16/2020	Organic	Fluorene	n/a	=	79	%	EPA 625.1	-88	-88	70	120	
2020/21-PRE	Lab	LCS, RPD	9/16/2020	Organic	Fluorene	n/a	=	2	%	EPA 625.1	-88	-88	0	30	
2020/21-PRE	Lab	LCS	9/17/2020	Organic	Fluorene	n/a	=	20.2	µg/L	EPA 625.1	0.35	1			
2020/21-PRE	Lab	LCS, rec	9/17/2020	Organic	Fluorene	n/a	=	81	%	EPA 625.1	-88	-88	70	120	
2020/21-PRE	Lab	method blank	9/17/2020	Organic	Fluorene	n/a	<	0.35	µg/L	EPA 625.1	0.35	1			
2020/21-PRE	Tubing Blank	equip blank	9/15/2020	Organic	Fluorene	n/a	<	0.35	µg/L	EPA 625.1	0.35	1			
2020/21-PRE	000NONPJ	matrix spike	9/14/2020	Organic	Hexachlorobenzene	n/a	=	42.6	µg/L	EPA 625.1	2	4			
2020/21-PRE	000NONPJ	matrix spike, rec	9/14/2020	Organic	Hexachlorobenzene	n/a	=	85	%	EPA 625.1	-88	-88	0.1	152	
2020/21-PRE	000NONPJ	matrix spike dup	9/14/2020	Organic	Hexachlorobenzene	n/a	=	41.7	µg/L	EPA 625.1	2	4			
2020/21-PRE	000NONPJ	matrix spike dup, rec	9/14/2020	Organic	Hexachlorobenzene	n/a	=	83	%	EPA 625.1	-88	-88	0.1	152	
2020/21-PRE	000NONPJ	matrix spike, RPD	9/14/2020	Organic	Hexachlorobenzene	n/a	=	2	%	EPA 625.1	-88	-88	0	30	
2020/21-PRE	000NONPJ	matrix spike	9/14/2020	Organic	Hexachlorobenzene	n/a	=	168	µg/L	EPA 625.1	4.9	10			
2020/21-PRE	000NONPJ	matrix spike, rec	9/14/2020	Organic	Hexachlorobenzene	n/a	=	67	%	EPA 625.1	-88	-88	0.1	152	
2020/21-PRE	000NONPJ	matrix spike dup	9/15/2020	Organic	Hexachlorobenzene	n/a	=	165	µg/L	EPA 625.1	4.9	10			
2020/21-PRE	000NONPJ	matrix spike dup, rec	9/15/2020	Organic	Hexachlorobenzene	n/a	=	66	%	EPA 625.1	-88	-88	0.1	152	
2020/21-PRE	000NONPJ	matrix spike, RPD	9/15/2020	Organic	Hexachlorobenzene	n/a	=	2	%	EPA 625.1	-88	-88	0	30	
2020/21-PRE	000NONPJ	lab duplicate	9/15/2020	Organic	Hexachlorobenzene	n/a	<	2	µg/L	EPA 625.1	2	4		30	DF,DG
2020/21-PRE	000NONPJ	lab duplicate	9/15/2020	Organic	Hexachlorobenzene	n/a	<	4.9	µg/L	EPA 625.1	4.9	10		30	DF,DG
2020/21-PRE	Carboy Blank	equip blank	9/17/2020	Organic	Hexachlorobenzene	n/a	<	0.49	µg/L	EPA 625.1	0.49	1			
2020/21-PRE	Lab	LCS	9/14/2020	Organic	Hexachlorobenzene	n/a	=	20.2	µg/L	EPA 625.1	0.49	1			
2020/21-PRE	Lab	LCS, rec	9/14/2020	Organic	Hexachlorobenzene	n/a	=	81	%	EPA 625.1	-88	-88	8	142	
2020/21-PRE	Lab	method blank	9/15/2020	Organic	Hexachlorobenzene	n/a	<	0.49	µg/L	EPA 625.1	0.49	1			
2020/21-PRE	Lab	LCS dup	9/16/2020	Organic	Hexachlorobenzene	n/a	=	19.4	µg/L	EPA 625.1	0.49	1			
2020/21-PRE	Lab	LCS dup, rec	9/16/2020	Organic	Hexachlorobenzene	n/a	=	77	%	EPA 625.1	-88	-88	8	142	
2020/21-PRE	Lab	LCS, RPD	9/16/2020	Organic	Hexachlorobenzene	n/a	=	6	%	EPA 625.1	-88	-88	0	30	
2020/21-PRE	Lab	LCS	9/17/2020	Organic	Hexachlorobenzene	n/a	=	20.6	µg/L	EPA 625.1	0.49	1			
2020/21-PRE	Lab	LCS, rec	9/17/2020	Organic	Hexachlorobenzene	n/a	=	82	%	EPA 625.1	-88	-88	8	142	
2020/21-PRE	Lab	method blank	9/17/2020	Organic	Hexachlorobenzene	n/a	<	0.49	µg/L	EPA 625.1	0.49	1			
2020/21-PRE	Tubing Blank	equip blank	9/15/2020	Organic	Hexachlorobenzene	n/a	<	0.49	µg/L	EPA 625.1	0.49	1			
2020/21-PRE	000NONPJ	matrix spike	9/14/2020	Organic	Hexachlorobutadiene	n/a	=	33	µg/L	EPA 625.1	1.9	4			
2020/21-PRE	000NONPJ	matrix spike, rec	9/14/2020	Organic	Hexachlorobutadiene	n/a	=	66	%	EPA 625.1	-88	-88	24	120	
2020/21-PRE	000NONPJ	matrix spike dup	9/14/2020	Organic	Hexachlorobutadiene	n/a	=	39.6	µg/L	EPA 625.1	1.9	4			
2020/21-PRE	000NONPJ	matrix spike dup, rec	9/14/2020	Organic	Hexachlorobutadiene	n/a	=	79	%	EPA 625.1	-88	-88	24	120	
2020/21-PRE	000NONPJ	matrix spike, RPD	9/14/2020	Organic	Hexachlorobutadiene	n/a	=	18	%	EPA 625.1	-88	-88	0	30	
2020/21-PRE	000NONPJ	matrix spike	9/14/2020	Organic	Hexachlorobutadiene	n/a	=	179	µg/L	EPA 625.1	4.7	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	
2020/21-PRE	000NONPJ	matrix spike, rec	9/14/2020	Organic	Hexachlorobutadiene	n/a	=	72	%	EPA 625.1	-88	-88	24	120	
2020/21-PRE	000NONPJ	matrix spike dup	9/15/2020	Organic	Hexachlorobutadiene	n/a	=	183	µg/L	EPA 625.1	4.7	10			
2020/21-PRE	000NONPJ	matrix spike dup, rec	9/15/2020	Organic	Hexachlorobutadiene	n/a	=	73	%	EPA 625.1	-88	-88	24	120	
2020/21-PRE	000NONPJ	matrix spike, RPD	9/15/2020	Organic	Hexachlorobutadiene	n/a	=	2	%	EPA 625.1	-88	-88	0	30	
2020/21-PRE	000NONPJ	lab duplicate	9/15/2020	Organic	Hexachlorobutadiene	n/a	<	1.9	µg/L	EPA 625.1	1.9	4		30	DF,DG
2020/21-PRE	000NONPJ	lab duplicate	9/15/2020	Organic	Hexachlorobutadiene	n/a	<	4.7	µg/L	EPA 625.1	4.7	10		30	DF,DG
2020/21-PRE	Carboy Blank	equip blank	9/17/2020	Organic	Hexachlorobutadiene	n/a	<	0.47	µg/L	EPA 625.1	0.47	1			
2020/21-PRE	Lab	LCS	9/14/2020	Organic	Hexachlorobutadiene	n/a	=	21.4	µg/L	EPA 625.1	0.47	1			
2020/21-PRE	Lab	LCS, rec	9/14/2020	Organic	Hexachlorobutadiene	n/a	=	86	%	EPA 625.1	-88	-88	38	120	
2020/21-PRE	Lab	method blank	9/15/2020	Organic	Hexachlorobutadiene	n/a	<	0.47	µg/L	EPA 625.1	0.47	1			
2020/21-PRE	Lab	LCS dup	9/16/2020	Organic	Hexachlorobutadiene	n/a	=	20.8	µg/L	EPA 625.1	0.47	1			
2020/21-PRE	Lab	LCS dup, rec	9/16/2020	Organic	Hexachlorobutadiene	n/a	=	83	%	EPA 625.1	-88	-88	38	120	
2020/21-PRE	Lab	LCS, RPD	9/16/2020	Organic	Hexachlorobutadiene	n/a	=	1	%	EPA 625.1	-88	-88	0	30	
2020/21-PRE	Lab	LCS	9/17/2020	Organic	Hexachlorobutadiene	n/a	=	21.1	µg/L	EPA 625.1	0.47	1			
2020/21-PRE	Lab	LCS, rec	9/17/2020	Organic	Hexachlorobutadiene	n/a	=	84	%	EPA 625.1	-88	-88	38	120	
2020/21-PRE	Lab	method blank	9/17/2020	Organic	Hexachlorobutadiene	n/a	<	0.47	µg/L	EPA 625.1	0.47	1			
2020/21-PRE	Tubing Blank	equip blank	9/15/2020	Organic	Hexachlorobutadiene	n/a	<	0.47	µg/L	EPA 625.1	0.47	1			
2020/21-PRE	000NONPJ	matrix spike	9/14/2020	Organic	Hexachlorocyclopentadiene	n/a	=	27.2	µg/L	EPA 625.1	3.9	20			
2020/21-PRE	000NONPJ	matrix spike, rec	9/14/2020	Organic	Hexachlorocyclopentadiene	n/a	=	54	%	EPA 625.1	-88	-88	10	120	
2020/21-PRE	000NONPJ	matrix spike dup	9/14/2020	Organic	Hexachlorocyclopentadiene	n/a	=	30.7	µg/L	EPA 625.1	3.9	20			
2020/21-PRE	000NONPJ	matrix spike dup, rec	9/14/2020	Organic	Hexachlorocyclopentadiene	n/a	=	61	%	EPA 625.1	-88	-88	10	120	
2020/21-PRE	000NONPJ	matrix spike, RPD	9/14/2020	Organic	Hexachlorocyclopentadiene	n/a	=	12	%	EPA 625.1	-88	-88	0	30	
2020/21-PRE	000NONPJ	matrix spike	9/14/2020	Organic	Hexachlorocyclopentadiene	n/a	=	124	µg/L	EPA 625.1	9.8	50			
2020/21-PRE	000NONPJ	matrix spike, rec	9/14/2020	Organic	Hexachlorocyclopentadiene	n/a	=	50	%	EPA 625.1	-88	-88	10	120	
2020/21-PRE	000NONPJ	matrix spike dup	9/15/2020	Organic	Hexachlorocyclopentadiene	n/a	=	131	µg/L	EPA 625.1	9.8	50			
2020/21-PRE	000NONPJ	matrix spike dup, rec	9/15/2020	Organic	Hexachlorocyclopentadiene	n/a	=	52	%	EPA 625.1	-88	-88	10	120	
2020/21-PRE	000NONPJ	matrix spike, RPD	9/15/2020	Organic	Hexachlorocyclopentadiene	n/a	=	5	%	EPA 625.1	-88	-88	0	30	
2020/21-PRE	000NONPJ	lab duplicate	9/15/2020	Organic	Hexachlorocyclopentadiene	n/a	<	3.9	µg/L	EPA 625.1	3.9	20		30	DF,DG
2020/21-PRE	000NONPJ	lab duplicate	9/15/2020	Organic	Hexachlorocyclopentadiene	n/a	<	9.8	µg/L	EPA 625.1	9.8	50		30	DF,DG
2020/21-PRE	Carboy Blank	equip blank	9/17/2020	Organic	Hexachlorocyclopentadiene	n/a	<	0.98	µg/L	EPA 625.1	0.98	5			
2020/21-PRE	Lab	LCS	9/14/2020	Organic	Hexachlorocyclopentadiene	n/a	=	13.7	µg/L	EPA 625.1	0.98	5			
2020/21-PRE	Lab	LCS, rec	9/14/2020	Organic	Hexachlorocyclopentadiene	n/a	=	55	%	EPA 625.1	-88	-88	10	120	
2020/21-PRE	Lab	method blank	9/15/2020	Organic	Hexachlorocyclopentadiene	n/a	<	0.98	µg/L	EPA 625.1	0.98	5			
2020/21-PRE	Lab	LCS dup	9/16/2020	Organic	Hexachlorocyclopentadiene	n/a	=	12.3	µg/L	EPA 625.1	0.98	5			
2020/21-PRE	Lab	LCS dup, rec	9/16/2020	Organic	Hexachlorocyclopentadiene	n/a	=	49	%	EPA 625.1	-88	-88	10	120	
2020/21-PRE	Lab	LCS, RPD	9/16/2020	Organic	Hexachlorocyclopentadiene	n/a	=	7	%	EPA 625.1	-88	-88	0	30	
2020/21-PRE	Lab	LCS	9/17/2020	Organic	Hexachlorocyclopentadiene	n/a	=	11.5	µg/L	EPA 625.1	0.98	5			
2020/21-PRE	Lab	LCS, rec	9/17/2020	Organic	Hexachlorocyclopentadiene	n/a	=	46	%	EPA 625.1	-88	-88	10	120	
2020/21-PRE	Lab	method blank	9/17/2020	Organic	Hexachlorocyclopentadiene	n/a	<	0.98	µg/L	EPA 625.1	0.98	5			
2020/21-PRE	Tubing Blank	equip blank	9/15/2020	Organic	Hexachlorocyclopentadiene	n/a	<	0.98	µg/L	EPA 625.1	0.98	5			
2020/21-PRE	000NONPJ	matrix spike	9/14/2020	Organic	Hexachloroethane	n/a	=	30.5	µg/L	EPA 625.1	2	4			
2020/21-PRE	000NONPJ	matrix spike, rec	9/14/2020	Organic	Hexachloroethane	n/a	=	61	%	EPA 625.1	-88	-88	40	120	
2020/21-PRE	000NONPJ	matrix spike dup	9/14/2020	Organic	Hexachloroethane	n/a	=	38.7	µg/L	EPA 625.1	2	4			
2020/21-PRE	000NONPJ	matrix spike dup, rec	9/14/2020	Organic	Hexachloroethane	n/a	=	77	%	EPA 625.1	-88	-88	40	120	
2020/21-PRE	000NONPJ	matrix spike, RPD	9/14/2020	Organic	Hexachloroethane	n/a	=	24	%	EPA 625.1	-88	-88	0	30	
2020/21-PRE	000NONPJ	matrix spike	9/14/2020	Organic	Hexachloroethane	n/a	=	167	µg/L	EPA 625.1	5	10			
2020/21-PRE	000NONPJ	matrix spike, rec	9/14/2020	Organic	Hexachloroethane	n/a	=	67	%	EPA 625.1	-88	-88	40	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	
2020/21-PRE	000NONPJ	matrix spike dup	9/15/2020	Organic	Hexachloroethane	n/a	=	167	µg/L	EPA 625.1	5	10			
2020/21-PRE	000NONPJ	matrix spike dup, rec	9/15/2020	Organic	Hexachloroethane	n/a	=	67	%	EPA 625.1	-88	-88	40	120	
2020/21-PRE	000NONPJ	matrix spike, RPD	9/15/2020	Organic	Hexachloroethane	n/a	=	0.4	%	EPA 625.1	-88	-88	0	30	
2020/21-PRE	000NONPJ	lab duplicate	9/15/2020	Organic	Hexachloroethane	n/a	<	2	µg/L	EPA 625.1	2	4		30	DF,DG
2020/21-PRE	000NONPJ	lab duplicate	9/15/2020	Organic	Hexachloroethane	n/a	<	5	µg/L	EPA 625.1	5	10		30	DF,DG
2020/21-PRE	Carboy Blank	equip blank	9/17/2020	Organic	Hexachloroethane	n/a	<	0.5	µg/L	EPA 625.1	0.5	1			
2020/21-PRE	Lab	LCS	9/14/2020	Organic	Hexachloroethane	n/a	=	20.2	µg/L	EPA 625.1	0.5	1			
2020/21-PRE	Lab	LCS, rec	9/14/2020	Organic	Hexachloroethane	n/a	=	81	%	EPA 625.1	-88	-88	55	120	
2020/21-PRE	Lab	method blank	9/15/2020	Organic	Hexachloroethane	n/a	<	0.5	µg/L	EPA 625.1	0.5	1			
2020/21-PRE	Lab	LCS dup	9/16/2020	Organic	Hexachloroethane	n/a	=	18.8	µg/L	EPA 625.1	0.5	1			
2020/21-PRE	Lab	LCS dup, rec	9/16/2020	Organic	Hexachloroethane	n/a	=	75	%	EPA 625.1	-88	-88	55	120	
2020/21-PRE	Lab	LCS, RPD	9/16/2020	Organic	Hexachloroethane	n/a	=	3	%	EPA 625.1	-88	-88	0	30	
2020/21-PRE	Lab	LCS	9/17/2020	Organic	Hexachloroethane	n/a	=	19.3	µg/L	EPA 625.1	0.5	1			
2020/21-PRE	Lab	LCS, rec	9/17/2020	Organic	Hexachloroethane	n/a	<	77	%	EPA 625.1	-88	-88	55	120	
2020/21-PRE	Lab	method blank	9/17/2020	Organic	Hexachloroethane	n/a	<	0.5	µg/L	EPA 625.1	0.5	1			
2020/21-PRE	Tubing Blank	equip blank	9/15/2020	Organic	Hexachloroethane	n/a	<	0.5	µg/L	EPA 625.1	0.5	1			
2020/21-PRE	000NONPJ	matrix spike	9/14/2020	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	28.9	µg/L	EPA 625.1	2.2	8			
2020/21-PRE	000NONPJ	matrix spike, rec	9/14/2020	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	58	%	EPA 625.1	-88	-88	0.1	171	
2020/21-PRE	000NONPJ	matrix spike dup	9/14/2020	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	25.1	µg/L	EPA 625.1	2.2	8			
2020/21-PRE	000NONPJ	matrix spike dup, rec	9/14/2020	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	50	%	EPA 625.1	-88	-88	0.1	171	
2020/21-PRE	000NONPJ	matrix spike, RPD	9/14/2020	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	14	%	EPA 625.1	-88	-88	0	30	
2020/21-PRE	000NONPJ	matrix spike	9/14/2020	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	133	µg/L	EPA 625.1	5.5	20			
2020/21-PRE	000NONPJ	matrix spike, rec	9/14/2020	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	53	%	EPA 625.1	-88	-88	0.1	171	
2020/21-PRE	000NONPJ	matrix spike dup	9/15/2020	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	139	µg/L	EPA 625.1	5.5	20			
2020/21-PRE	000NONPJ	matrix spike dup, rec	9/15/2020	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	56	%	EPA 625.1	-88	-88	0.1	171	
2020/21-PRE	000NONPJ	matrix spike, RPD	9/15/2020	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	5	%	EPA 625.1	-88	-88	0	30	
2020/21-PRE	000NONPJ	lab duplicate	9/15/2020	Organic	Indeno(1,2,3-cd)pyrene	n/a	<	2.2	µg/L	EPA 625.1	2.2	8		30	DF,DG
2020/21-PRE	000NONPJ	lab duplicate	9/15/2020	Organic	Indeno(1,2,3-cd)pyrene	n/a	<	5.5	µg/L	EPA 625.1	5.5	20		30	DF,DG
2020/21-PRE	Carboy Blank	equip blank	9/17/2020	Organic	Indeno(1,2,3-cd)pyrene	n/a	<	0.55	µg/L	EPA 625.1	0.55	2			
2020/21-PRE	Lab	LCS	9/14/2020	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	22.8	µg/L	EPA 625.1	0.55	2			
2020/21-PRE	Lab	LCS, rec	9/14/2020	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	91	%	EPA 625.1	-88	-88	0.1	151	
2020/21-PRE	Lab	method blank	9/15/2020	Organic	Indeno(1,2,3-cd)pyrene	n/a	<	0.55	µg/L	EPA 625.1	0.55	2			
2020/21-PRE	Lab	LCS dup	9/16/2020	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	21.3	µg/L	EPA 625.1	0.55	2			
2020/21-PRE	Lab	LCS dup, rec	9/16/2020	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	85	%	EPA 625.1	-88	-88	0.1	151	
2020/21-PRE	Lab	LCS, RPD	9/16/2020	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	16	%	EPA 625.1	-88	-88	0	30	
2020/21-PRE	Lab	LCS	9/17/2020	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	25.1	µg/L	EPA 625.1	0.55	2			
2020/21-PRE	Lab	LCS, rec	9/17/2020	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	100	%	EPA 625.1	-88	-88	0.1	151	
2020/21-PRE	Lab	method blank	9/17/2020	Organic	Indeno(1,2,3-cd)pyrene	n/a	<	0.55	µg/L	EPA 625.1	0.55	2			
2020/21-PRE	Tubing Blank	equip blank	9/15/2020	Organic	Indeno(1,2,3-cd)pyrene	n/a	<	0.55	µg/L	EPA 625.1	0.55	2			
2020/21-PRE	000NONPJ	matrix spike	9/14/2020	Organic	Isophorone	n/a	=	22.8	µg/L	EPA 625.1	0.84	4			
2020/21-PRE	000NONPJ	matrix spike, rec	9/14/2020	Organic	Isophorone	n/a	=	46	%	EPA 625.1	-88	-88	21	196	
2020/21-PRE	000NONPJ	matrix spike dup	9/14/2020	Organic	Isophorone	n/a	=	27.5	µg/L	EPA 625.1	0.84	4			
2020/21-PRE	000NONPJ	matrix spike dup, rec	9/14/2020	Organic	Isophorone	n/a	=	55	%	EPA 625.1	-88	-88	21	196	
2020/21-PRE	000NONPJ	matrix spike, RPD	9/14/2020	Organic	Isophorone	n/a	=	19	%	EPA 625.1	-88	-88	0	30	
2020/21-PRE	000NONPJ	matrix spike	9/14/2020	Organic	Isophorone	n/a	=	171	µg/L	EPA 625.1	2.1	10			
2020/21-PRE	000NONPJ	matrix spike, rec	9/14/2020	Organic	Isophorone	n/a	=	69	%	EPA 625.1	-88	-88	21	196	
2020/21-PRE	000NONPJ	matrix spike dup	9/15/2020	Organic	Isophorone	n/a	=	182	µg/L	EPA 625.1	2.1	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	
2020/21-PRE	000NONPJ	matrix spike dup, rec	9/15/2020	Organic	Isophorone	n/a	=	73	%	EPA 625.1	-88	-88	21	196	
2020/21-PRE	000NONPJ	matrix spike, RPD	9/15/2020	Organic	Isophorone	n/a	=	6	%	EPA 625.1	-88	-88	0	30	
2020/21-PRE	000NONPJ	lab duplicate	9/15/2020	Organic	Isophorone	n/a	<	0.84	µg/L	EPA 625.1	0.84	4		30	DF,DG
2020/21-PRE	000NONPJ	lab duplicate	9/15/2020	Organic	Isophorone	n/a	<	2.1	µg/L	EPA 625.1	2.1	10		30	DF,DG
2020/21-PRE	Carboy Blank	equip blank	9/17/2020	Organic	Isophorone	n/a	<	0.21	µg/L	EPA 625.1	0.21	1			
2020/21-PRE	Lab	LCS	9/14/2020	Organic	Isophorone	n/a	=	20	µg/L	EPA 625.1	0.21	1			
2020/21-PRE	Lab	LCS, rec	9/14/2020	Organic	Isophorone	n/a	=	80	%	EPA 625.1	-88	-88	47	180	
2020/21-PRE	Lab	method blank	9/15/2020	Organic	Isophorone	n/a	<	0.21	µg/L	EPA 625.1	0.21	1			
2020/21-PRE	Lab	LCS dup	9/16/2020	Organic	Isophorone	n/a	=	19.7	µg/L	EPA 625.1	0.21	1			
2020/21-PRE	Lab	LCS dup, rec	9/16/2020	Organic	Isophorone	n/a	=	79	%	EPA 625.1	-88	-88	47	180	
2020/21-PRE	Lab	LCS, RPD	9/16/2020	Organic	Isophorone	n/a	=	4	%	EPA 625.1	-88	-88	0	30	
2020/21-PRE	Lab	LCS	9/17/2020	Organic	Isophorone	n/a	=	19	µg/L	EPA 625.1	0.21	1			
2020/21-PRE	Lab	LCS, rec	9/17/2020	Organic	Isophorone	n/a	=	76	%	EPA 625.1	-88	-88	47	180	
2020/21-PRE	Lab	method blank	9/17/2020	Organic	Isophorone	n/a	<	0.21	µg/L	EPA 625.1	0.21	1			
2020/21-PRE	Tubing Blank	equip blank	9/15/2020	Organic	Isophorone	n/a	<	0.21	µg/L	EPA 625.1	0.21	1			
2020/21-PRE	000NONPJ	matrix spike	9/14/2020	Organic	Naphthalene	n/a	=	32.5	µg/L	EPA 625.1	2	4			
2020/21-PRE	000NONPJ	matrix spike, rec	9/14/2020	Organic	Naphthalene	n/a	=	65	%	EPA 625.1	-88	-88	21	133	
2020/21-PRE	000NONPJ	matrix spike dup	9/14/2020	Organic	Naphthalene	n/a	=	38.1	µg/L	EPA 625.1	2	4			
2020/21-PRE	000NONPJ	matrix spike dup, rec	9/14/2020	Organic	Naphthalene	n/a	=	76	%	EPA 625.1	-88	-88	21	133	
2020/21-PRE	000NONPJ	matrix spike, RPD	9/14/2020	Organic	Naphthalene	n/a	=	16	%	EPA 625.1	-88	-88	0	30	
2020/21-PRE	000NONPJ	matrix spike	9/14/2020	Organic	Naphthalene	n/a	=	171	µg/L	EPA 625.1	4.9	10			
2020/21-PRE	000NONPJ	matrix spike, rec	9/14/2020	Organic	Naphthalene	n/a	=	68	%	EPA 625.1	-88	-88	21	133	
2020/21-PRE	000NONPJ	matrix spike dup	9/15/2020	Organic	Naphthalene	n/a	=	173	µg/L	EPA 625.1	4.9	10			
2020/21-PRE	000NONPJ	matrix spike dup, rec	9/15/2020	Organic	Naphthalene	n/a	=	69	%	EPA 625.1	-88	-88	21	133	
2020/21-PRE	000NONPJ	matrix spike, RPD	9/15/2020	Organic	Naphthalene	n/a	=	1	%	EPA 625.1	-88	-88	0	30	
2020/21-PRE	000NONPJ	lab duplicate	9/15/2020	Organic	Naphthalene	n/a	<	2	µg/L	EPA 625.1	2	4		30	DF,DG
2020/21-PRE	000NONPJ	lab duplicate	9/15/2020	Organic	Naphthalene	n/a	<	4.9	µg/L	EPA 625.1	4.9	10		30	DF,DG
2020/21-PRE	Carboy Blank	equip blank	9/17/2020	Organic	Naphthalene	n/a	<	0.49	µg/L	EPA 625.1	0.49	1			
2020/21-PRE	Lab	LCS	9/14/2020	Organic	Naphthalene	n/a	=	20.6	µg/L	EPA 625.1	0.49	1			
2020/21-PRE	Lab	LCS, rec	9/14/2020	Organic	Naphthalene	n/a	=	82	%	EPA 625.1	-88	-88	36	120	
2020/21-PRE	Lab	method blank	9/15/2020	Organic	Naphthalene	n/a	<	0.49	µg/L	EPA 625.1	0.49	1			
2020/21-PRE	Lab	LCS dup	9/16/2020	Organic	Naphthalene	n/a	=	20.1	µg/L	EPA 625.1	0.49	1			
2020/21-PRE	Lab	LCS dup, rec	9/16/2020	Organic	Naphthalene	n/a	=	80	%	EPA 625.1	-88	-88	36	120	
2020/21-PRE	Lab	LCS, RPD	9/16/2020	Organic	Naphthalene	n/a	=	1	%	EPA 625.1	-88	-88	0	30	
2020/21-PRE	Lab	LCS	9/17/2020	Organic	Naphthalene	n/a	=	19.8	µg/L	EPA 625.1	0.49	1			
2020/21-PRE	Lab	LCS, rec	9/17/2020	Organic	Naphthalene	n/a	=	79	%	EPA 625.1	-88	-88	36	120	
2020/21-PRE	Lab	method blank	9/17/2020	Organic	Naphthalene	n/a	<	0.49	µg/L	EPA 625.1	0.49	1			
2020/21-PRE	Tubing Blank	equip blank	9/15/2020	Organic	Naphthalene	n/a	<	0.49	µg/L	EPA 625.1	0.49	1			
2020/21-PRE	000NONPJ	matrix spike	9/14/2020	Organic	Nitrobenzene	n/a	=	34.2	µg/L	EPA 625.1	1.4	4			
2020/21-PRE	000NONPJ	matrix spike, rec	9/14/2020	Organic	Nitrobenzene	n/a	=	68	%	EPA 625.1	-88	-88	35	180	
2020/21-PRE	000NONPJ	matrix spike dup	9/14/2020	Organic	Nitrobenzene	n/a	=	39.5	µg/L	EPA 625.1	1.4	4			
2020/21-PRE	000NONPJ	matrix spike dup, rec	9/14/2020	Organic	Nitrobenzene	n/a	=	79	%	EPA 625.1	-88	-88	35	180	
2020/21-PRE	000NONPJ	matrix spike, RPD	9/14/2020	Organic	Nitrobenzene	n/a	=	14	%	EPA 625.1	-88	-88	0	30	
2020/21-PRE	000NONPJ	matrix spike	9/14/2020	Organic	Nitrobenzene	n/a	=	172	µg/L	EPA 625.1	3.6	10			
2020/21-PRE	000NONPJ	matrix spike, rec	9/14/2020	Organic	Nitrobenzene	n/a	=	69	%	EPA 625.1	-88	-88	35	180	
2020/21-PRE	000NONPJ	matrix spike dup	9/15/2020	Organic	Nitrobenzene	n/a	=	179	µg/L	EPA 625.1	3.6	10			
2020/21-PRE	000NONPJ	matrix spike dup, rec	9/15/2020	Organic	Nitrobenzene	n/a	=	72	%	EPA 625.1	-88	-88	35	180	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2020/21-PRE	000NONPJ	matrix spike, RPD	9/15/2020	Organic	Nitrobenzene	n/a	=	4	%	EPA 625.1	-88	-88	0	30	
2020/21-PRE	000NONPJ	lab duplicate	9/15/2020	Organic	Nitrobenzene	n/a	<	1.4	µg/L	EPA 625.1	1.4	4		30	DF,DG
2020/21-PRE	000NONPJ	lab duplicate	9/15/2020	Organic	Nitrobenzene	n/a	<	3.6	µg/L	EPA 625.1	3.6	10		30	DF,DG
2020/21-PRE	Carboy Blank	equip blank	9/17/2020	Organic	Nitrobenzene	n/a	<	0.36	µg/L	EPA 625.1	0.36	1			
2020/21-PRE	Lab	LCS	9/14/2020	Organic	Nitrobenzene	n/a	=	20	µg/L	EPA 625.1	0.36	1			
2020/21-PRE	Lab	LCS, rec	9/14/2020	Organic	Nitrobenzene	n/a	=	80	%	EPA 625.1	-88	-88	54	158	
2020/21-PRE	Lab	method blank	9/15/2020	Organic	Nitrobenzene	n/a	<	0.36	µg/L	EPA 625.1	0.36	1			
2020/21-PRE	Lab	LCS dup	9/16/2020	Organic	Nitrobenzene	n/a	=	19.4	µg/L	EPA 625.1	0.36	1			
2020/21-PRE	Lab	LCS dup, rec	9/16/2020	Organic	Nitrobenzene	n/a	=	77	%	EPA 625.1	-88	-88	54	158	
2020/21-PRE	Lab	LCS, RPD	9/16/2020	Organic	Nitrobenzene	n/a	=	1	%	EPA 625.1	-88	-88	0	30	
2020/21-PRE	Lab	LCS	9/17/2020	Organic	Nitrobenzene	n/a	=	19.1	µg/L	EPA 625.1	0.36	1			
2020/21-PRE	Lab	LCS, rec	9/17/2020	Organic	Nitrobenzene	n/a	=	76	%	EPA 625.1	-88	-88	54	158	
2020/21-PRE	Lab	method blank	9/17/2020	Organic	Nitrobenzene	n/a	<	0.36	µg/L	EPA 625.1	0.36	1			
2020/21-PRE	Tubing Blank	equip blank	9/15/2020	Organic	Nitrobenzene	n/a	<	0.36	µg/L	EPA 625.1	0.36	1			
2020/21-PRE	000NONPJ	srgt matrix spike	9/14/2020	Organic	Nitrobenzene-d5	n/a	=	33.7	µg/L	EPA 625.1	-88	-88			
2020/21-PRE	000NONPJ	srgt matrix spike, rec	9/14/2020	Organic	Nitrobenzene-d5	n/a	=	67	%	EPA 625.1	-88	-88	47	120	
2020/21-PRE	000NONPJ	srgt matrix spike dup	9/14/2020	Organic	Nitrobenzene-d5	n/a	=	38.7	µg/L	EPA 625.1	-88	-88			
2020/21-PRE	000NONPJ	srgt matrix spike dup, rec	9/14/2020	Organic	Nitrobenzene-d5	n/a	=	77	%	EPA 625.1	-88	-88	47	120	
2020/21-PRE	000NONPJ	srgt matrix spike	9/14/2020	Organic	Nitrobenzene-d5	n/a	=	171	µg/L	EPA 625.1	-88	-88			
2020/21-PRE	000NONPJ	srgt matrix spike, rec	9/14/2020	Organic	Nitrobenzene-d5	n/a	=	68	%	EPA 625.1	-88	-88	47	120	
2020/21-PRE	000NONPJ	srgt matrix spike dup	9/15/2020	Organic	Nitrobenzene-d5	n/a	=	179	µg/L	EPA 625.1	-88	-88			
2020/21-PRE	000NONPJ	srgt matrix spike dup, rec	9/15/2020	Organic	Nitrobenzene-d5	n/a	=	71	%	EPA 625.1	-88	-88	47	120	
2020/21-PRE	000NONPJ	srgt lab duplicate	9/15/2020	Organic	Nitrobenzene-d5	n/a	=	36.5	µg/L	EPA 625.1	-88	-88			
2020/21-PRE	000NONPJ	srgt lab duplicate, rec	9/15/2020	Organic	Nitrobenzene-d5	n/a	=	73	%	EPA 625.1	-88	-88	47	120	
2020/21-PRE	000NONPJ	srgt lab duplicate	9/15/2020	Organic	Nitrobenzene-d5	n/a	=	172	µg/L	EPA 625.1	-88	-88			
2020/21-PRE	000NONPJ	srgt lab duplicate, rec	9/15/2020	Organic	Nitrobenzene-d5	n/a	=	69	%	EPA 625.1	-88	-88	47	120	
2020/21-PRE	Carboy Blank	srgt equip blank	9/17/2020	Organic	Nitrobenzene-d5	n/a	=	16.1	µg/L	EPA 625.1	-88	-88			
2020/21-PRE	Carboy Blank	srgt equip blank, rec	9/17/2020	Organic	Nitrobenzene-d5	n/a	=	64	%	EPA 625.1	-88	-88	47	120	
2020/21-PRE	Lab	srgt LCS	9/14/2020	Organic	Nitrobenzene-d5	n/a	=	20.7	µg/L	EPA 625.1	-88	-88			
2020/21-PRE	Lab	srgt LCS, rec	9/14/2020	Organic	Nitrobenzene-d5	n/a	=	83	%	EPA 625.1	-88	-88	47	120	
2020/21-PRE	Lab	srgt method blank	9/15/2020	Organic	Nitrobenzene-d5	n/a	=	19.9	µg/L	EPA 625.1	-88	-88			
2020/21-PRE	Lab	srgt method blank, rec	9/15/2020	Organic	Nitrobenzene-d5	n/a	=	79	%	EPA 625.1	-88	-88	47	120	
2020/21-PRE	Lab	srgt LCS dup	9/16/2020	Organic	Nitrobenzene-d5	n/a	=	19.1	µg/L	EPA 625.1	-88	-88			
2020/21-PRE	Lab	srgt LCS dup, rec	9/16/2020	Organic	Nitrobenzene-d5	n/a	=	76	%	EPA 625.1	-88	-88	47	120	
2020/21-PRE	Lab	srgt LCS	9/17/2020	Organic	Nitrobenzene-d5	n/a	=	18.5	µg/L	EPA 625.1	-88	-88			
2020/21-PRE	Lab	srgt LCS, rec	9/17/2020	Organic	Nitrobenzene-d5	n/a	=	74	%	EPA 625.1	-88	-88	47	120	
2020/21-PRE	Lab	srgt method blank	9/17/2020	Organic	Nitrobenzene-d5	n/a	=	18.7	µg/L	EPA 625.1	-88	-88			
2020/21-PRE	Lab	srgt method blank, rec	9/17/2020	Organic	Nitrobenzene-d5	n/a	=	75	%	EPA 625.1	-88	-88	47	120	
2020/21-PRE	Tubing Blank	srgt equip blank	9/15/2020	Organic	Nitrobenzene-d5	n/a	=	20.8	µg/L	EPA 625.1	-88	-88			
2020/21-PRE	Tubing Blank	srgt equip blank, rec	9/15/2020	Organic	Nitrobenzene-d5	n/a	=	79	%	EPA 625.1	-88	-88	47	120	
2020/21-PRE	000NONPJ	matrix spike	9/14/2020	Organic	N-Nitrosodimethylamine	n/a	=	15.2	µg/L	EPA 625.1	2	4			
2020/21-PRE	000NONPJ	matrix spike, rec	9/14/2020	Organic	N-Nitrosodimethylamine	n/a	=	30	%	EPA 625.1	-88	-88	18	120	
2020/21-PRE	000NONPJ	matrix spike dup	9/14/2020	Organic	N-Nitrosodimethylamine	n/a	=	22.3	µg/L	EPA 625.1	2	4			IL
2020/21-PRE	000NONPJ	matrix spike dup, rec	9/14/2020	Organic	N-Nitrosodimethylamine	n/a	=	45	%	EPA 625.1	-88	-88	18	120	IL
2020/21-PRE	000NONPJ	matrix spike, RPD	9/14/2020	Organic	N-Nitrosodimethylamine	n/a	=	38	%	EPA 625.1	-88	-88	0	30	IL
2020/21-PRE	000NONPJ	matrix spike	9/14/2020	Organic	N-Nitrosodimethylamine	n/a	=	111	µg/L	EPA 625.1	5	10			
2020/21-PRE	000NONPJ	matrix spike, rec	9/14/2020	Organic	N-Nitrosodimethylamine	n/a	=	44	%	EPA 625.1	-88	-88	18	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	
2020/21-PRE	000NONPJ	matrix spike dup	9/15/2020	Organic	N-Nitrosodimethylamine	n/a	=	114	µg/L	EPA 625.1	5	10			
2020/21-PRE	000NONPJ	matrix spike dup, rec	9/15/2020	Organic	N-Nitrosodimethylamine	n/a	=	46	%	EPA 625.1	-88	-88	18	120	
2020/21-PRE	000NONPJ	matrix spike, RPD	9/15/2020	Organic	N-Nitrosodimethylamine	n/a	=	3	%	EPA 625.1	-88	-88	0	30	
2020/21-PRE	000NONPJ	lab duplicate	9/15/2020	Organic	N-Nitrosodimethylamine	n/a	<	2	µg/L	EPA 625.1	2	4		30	DF,DG
2020/21-PRE	000NONPJ	lab duplicate	9/15/2020	Organic	N-Nitrosodimethylamine	n/a	<	5	µg/L	EPA 625.1	5	10		30	DF,DG
2020/21-PRE	Carboy Blank	equip blank	9/17/2020	Organic	N-Nitrosodimethylamine	n/a	<	0.5	µg/L	EPA 625.1	0.5	1			
2020/21-PRE	Lab	LCS	9/14/2020	Organic	N-Nitrosodimethylamine	n/a	=	13.5	µg/L	EPA 625.1	0.5	1			
2020/21-PRE	Lab	LCS, rec	9/14/2020	Organic	N-Nitrosodimethylamine	n/a	=	54	%	EPA 625.1	-88	-88	22	120	
2020/21-PRE	Lab	method blank	9/15/2020	Organic	N-Nitrosodimethylamine	n/a	<	0.5	µg/L	EPA 625.1	0.5	1			
2020/21-PRE	Lab	LCS dup	9/16/2020	Organic	N-Nitrosodimethylamine	n/a	=	14.5	µg/L	EPA 625.1	0.5	1			
2020/21-PRE	Lab	LCS dup, rec	9/16/2020	Organic	N-Nitrosodimethylamine	n/a	=	58	%	EPA 625.1	-88	-88	22	120	
2020/21-PRE	Lab	LCS, RPD	9/16/2020	Organic	N-Nitrosodimethylamine	n/a	=	4	%	EPA 625.1	-88	-88	0	30	
2020/21-PRE	Lab	LCS	9/17/2020	Organic	N-Nitrosodimethylamine	n/a	=	14	µg/L	EPA 625.1	0.5	1			
2020/21-PRE	Lab	LCS, rec	9/17/2020	Organic	N-Nitrosodimethylamine	n/a	=	56	%	EPA 625.1	-88	-88	22	120	
2020/21-PRE	Lab	method blank	9/17/2020	Organic	N-Nitrosodimethylamine	n/a	<	0.5	µg/L	EPA 625.1	0.5	1			
2020/21-PRE	Tubing Blank	equip blank	9/15/2020	Organic	N-Nitrosodimethylamine	n/a	<	0.5	µg/L	EPA 625.1	0.5	1			
2020/21-PRE	000NONPJ	matrix spike	9/14/2020	Organic	N-Nitrosodi-N-propylamine	n/a	=	36	µg/L	EPA 625.1	1	4			
2020/21-PRE	000NONPJ	matrix spike, rec	9/14/2020	Organic	N-Nitrosodi-N-propylamine	n/a	=	72	%	EPA 625.1	-88	-88	49	120	
2020/21-PRE	000NONPJ	matrix spike dup	9/14/2020	Organic	N-Nitrosodi-N-propylamine	n/a	=	44.8	µg/L	EPA 625.1	1	4			
2020/21-PRE	000NONPJ	matrix spike dup, rec	9/14/2020	Organic	N-Nitrosodi-N-propylamine	n/a	=	90	%	EPA 625.1	-88	-88	49	120	
2020/21-PRE	000NONPJ	matrix spike, RPD	9/14/2020	Organic	N-Nitrosodi-N-propylamine	n/a	=	22	%	EPA 625.1	-88	-88	0	30	
2020/21-PRE	000NONPJ	matrix spike	9/14/2020	Organic	N-Nitrosodi-N-propylamine	n/a	=	190	µg/L	EPA 625.1	2.6	10			
2020/21-PRE	000NONPJ	matrix spike, rec	9/14/2020	Organic	N-Nitrosodi-N-propylamine	n/a	=	76	%	EPA 625.1	-88	-88	49	120	
2020/21-PRE	000NONPJ	matrix spike dup	9/15/2020	Organic	N-Nitrosodi-N-propylamine	n/a	=	197	µg/L	EPA 625.1	2.6	10			
2020/21-PRE	000NONPJ	matrix spike dup, rec	9/15/2020	Organic	N-Nitrosodi-N-propylamine	n/a	=	79	%	EPA 625.1	-88	-88	49	120	
2020/21-PRE	000NONPJ	matrix spike, RPD	9/15/2020	Organic	N-Nitrosodi-N-propylamine	n/a	=	4	%	EPA 625.1	-88	-88	0	30	
2020/21-PRE	000NONPJ	lab duplicate	9/15/2020	Organic	N-Nitrosodi-N-propylamine	n/a	<	1	µg/L	EPA 625.1	1	4		30	DF,DG
2020/21-PRE	000NONPJ	lab duplicate	9/15/2020	Organic	N-Nitrosodi-N-propylamine	n/a	<	2.6	µg/L	EPA 625.1	2.6	10		30	DF,DG
2020/21-PRE	Carboy Blank	equip blank	9/17/2020	Organic	N-Nitrosodi-N-propylamine	n/a	<	0.26	µg/L	EPA 625.1	0.26	1			
2020/21-PRE	Lab	LCS	9/14/2020	Organic	N-Nitrosodi-N-propylamine	n/a	=	21.8	µg/L	EPA 625.1	0.26	1			
2020/21-PRE	Lab	LCS, rec	9/14/2020	Organic	N-Nitrosodi-N-propylamine	n/a	=	87	%	EPA 625.1	-88	-88	14	198	
2020/21-PRE	Lab	method blank	9/15/2020	Organic	N-Nitrosodi-N-propylamine	n/a	<	0.26	µg/L	EPA 625.1	0.26	1			
2020/21-PRE	Lab	LCS dup	9/16/2020	Organic	N-Nitrosodi-N-propylamine	n/a	=	21.4	µg/L	EPA 625.1	0.26	1			
2020/21-PRE	Lab	LCS dup, rec	9/16/2020	Organic	N-Nitrosodi-N-propylamine	n/a	=	86	%	EPA 625.1	-88	-88	14	198	
2020/21-PRE	Lab	LCS, RPD	9/16/2020	Organic	N-Nitrosodi-N-propylamine	n/a	=	3	%	EPA 625.1	-88	-88	0	30	
2020/21-PRE	Lab	LCS	9/17/2020	Organic	N-Nitrosodi-N-propylamine	n/a	=	20.7	µg/L	EPA 625.1	0.26	1			
2020/21-PRE	Lab	LCS, rec	9/17/2020	Organic	N-Nitrosodi-N-propylamine	n/a	=	83	%	EPA 625.1	-88	-88	14	198	
2020/21-PRE	Lab	method blank	9/17/2020	Organic	N-Nitrosodi-N-propylamine	n/a	<	0.26	µg/L	EPA 625.1	0.26	1			
2020/21-PRE	Tubing Blank	equip blank	9/15/2020	Organic	N-Nitrosodi-N-propylamine	n/a	<	0.26	µg/L	EPA 625.1	0.26	1			
2020/21-PRE	000NONPJ	matrix spike	9/14/2020	Organic	N-Nitrosodiphenylamine	n/a	=	30.2	µg/L	EPA 625.1	0.76	4			
2020/21-PRE	000NONPJ	matrix spike, rec	9/14/2020	Organic	N-Nitrosodiphenylamine	n/a	=	60	%	EPA 625.1	-88	-88	49	120	
2020/21-PRE	000NONPJ	matrix spike dup	9/14/2020	Organic	N-Nitrosodiphenylamine	n/a	=	25.9	µg/L	EPA 625.1	0.76	4			
2020/21-PRE	000NONPJ	matrix spike dup, rec	9/14/2020	Organic	N-Nitrosodiphenylamine	n/a	=	52	%	EPA 625.1	-88	-88	49	120	
2020/21-PRE	000NONPJ	matrix spike, RPD	9/14/2020	Organic	N-Nitrosodiphenylamine	n/a	=	15	%	EPA 625.1	-88	-88	0	30	
2020/21-PRE	000NONPJ	matrix spike	9/14/2020	Organic	N-Nitrosodiphenylamine	n/a	=	85.4	µg/L	EPA 625.1	1.9	10			GB
2020/21-PRE	000NONPJ	matrix spike, rec	9/14/2020	Organic	N-Nitrosodiphenylamine	n/a	=	29	%	EPA 625.1	-88	-88	49	120	GB
2020/21-PRE	000NONPJ	matrix spike dup	9/15/2020	Organic	N-Nitrosodiphenylamine	n/a	=	84.9	µg/L	EPA 625.1	1.9	10			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	
2020/21-PRE	000NONPJ	matrix spike dup, rec	9/15/2020	Organic	N-Nitrosodiphenylamine	n/a	=	29	%	EPA 625.1	-88	-88	49	120	GB
2020/21-PRE	000NONPJ	matrix spike, RPD	9/15/2020	Organic	N-Nitrosodiphenylamine	n/a	=	0.5	%	EPA 625.1	-88	-88	0	30	GB
2020/21-PRE	000NONPJ	lab duplicate	9/15/2020	Organic	N-Nitrosodiphenylamine	n/a	<	0.76	µg/L	EPA 625.1	0.76	4		30	DF,DG
2020/21-PRE	000NONPJ	lab duplicate	9/15/2020	Organic	N-Nitrosodiphenylamine	n/a	<	1.9	µg/L	EPA 625.1	1.9	10		30	DF,DG
2020/21-PRE	Carboy Blank	equip blank	9/17/2020	Organic	N-Nitrosodiphenylamine	n/a	<	0.19	µg/L	EPA 625.1	0.19	1			
2020/21-PRE	Lab	LCS	9/14/2020	Organic	N-Nitrosodiphenylamine	n/a	=	16.6	µg/L	EPA 625.1	0.19	1			
2020/21-PRE	Lab	LCS, rec	9/14/2020	Organic	N-Nitrosodiphenylamine	n/a	=	67	%	EPA 625.1	-88	-88	47	120	
2020/21-PRE	Lab	method blank	9/15/2020	Organic	N-Nitrosodiphenylamine	n/a	<	0.19	µg/L	EPA 625.1	0.19	1			
2020/21-PRE	Lab	LCS dup	9/16/2020	Organic	N-Nitrosodiphenylamine	n/a	=	15.5	µg/L	EPA 625.1	0.19	1			
2020/21-PRE	Lab	LCS dup, rec	9/16/2020	Organic	N-Nitrosodiphenylamine	n/a	=	62	%	EPA 625.1	-88	-88	47	120	
2020/21-PRE	Lab	LCS, RPD	9/16/2020	Organic	N-Nitrosodiphenylamine	n/a	=	6	%	EPA 625.1	-88	-88	0	30	
2020/21-PRE	Lab	LCS	9/17/2020	Organic	N-Nitrosodiphenylamine	n/a	=	16.5	µg/L	EPA 625.1	0.19	1			
2020/21-PRE	Lab	LCS, rec	9/17/2020	Organic	N-Nitrosodiphenylamine	n/a	=	66	%	EPA 625.1	-88	-88	47	120	
2020/21-PRE	Lab	method blank	9/17/2020	Organic	N-Nitrosodiphenylamine	n/a	<	0.19	µg/L	EPA 625.1	0.19	1			
2020/21-PRE	Tubing Blank	equip blank	9/15/2020	Organic	N-Nitrosodiphenylamine	n/a	<	0.19	µg/L	EPA 625.1	0.19	1			
2020/21-PRE	000NONPJ	srgt matrix spike	8/24/2020	Organic	Perylene-d12	n/a	=	4.84	µg/L	EPA 525.2	-88	-88			
2020/21-PRE	000NONPJ	srgt matrix spike, rec	8/24/2020	Organic	Perylene-d12	n/a	=	97	%	EPA 525.2	-88	-88	50	120	
2020/21-PRE	000NONPJ	srgt matrix spike dup	8/24/2020	Organic	Perylene-d12	n/a	=	4.98	µg/L	EPA 525.2	-88	-88			
2020/21-PRE	000NONPJ	srgt matrix spike dup, rec	8/24/2020	Organic	Perylene-d12	n/a	=	100	%	EPA 525.2	-88	-88	50	120	
2020/21-PRE	Carboy Blank	srgt equip blank	8/25/2020	Organic	Perylene-d12	n/a	=	4.48	µg/L	EPA 525.2	-88	-88			
2020/21-PRE	Carboy Blank	srgt equip blank, rec	8/25/2020	Organic	Perylene-d12	n/a	=	90	%	EPA 525.2	-88	-88	50	120	
2020/21-PRE	Lab	srgt method blank	8/24/2020	Organic	Perylene-d12	n/a	=	4.46	µg/L	EPA 525.2	-88	-88			
2020/21-PRE	Lab	srgt method blank, rec	8/24/2020	Organic	Perylene-d12	n/a	=	89	%	EPA 525.2	-88	-88	50	120	
2020/21-PRE	Lab	srgt LCS	8/24/2020	Organic	Perylene-d12	n/a	=	4.65	µg/L	EPA 525.2	-88	-88			
2020/21-PRE	Lab	srgt LCS, rec	8/24/2020	Organic	Perylene-d12	n/a	=	93	%	EPA 525.2	-88	-88	50	120	
2020/21-PRE	Tubing Blank	srgt equip blank	8/25/2020	Organic	Perylene-d12	n/a	=	4.47	µg/L	EPA 525.2	-88	-88			
2020/21-PRE	Tubing Blank	srgt equip blank, rec	8/25/2020	Organic	Perylene-d12	n/a	=	89	%	EPA 525.2	-88	-88	50	120	
2020/21-PRE	000NONPJ	matrix spike	9/14/2020	Organic	Phenanthrene	n/a	=	43.4	µg/L	EPA 625.1	1.3	4			
2020/21-PRE	000NONPJ	matrix spike, rec	9/14/2020	Organic	Phenanthrene	n/a	=	87	%	EPA 625.1	-88	-88	54	120	
2020/21-PRE	000NONPJ	matrix spike dup	9/14/2020	Organic	Phenanthrene	n/a	=	39.1	µg/L	EPA 625.1	1.3	4			
2020/21-PRE	000NONPJ	matrix spike dup, rec	9/14/2020	Organic	Phenanthrene	n/a	=	78	%	EPA 625.1	-88	-88	54	120	
2020/21-PRE	000NONPJ	matrix spike, RPD	9/14/2020	Organic	Phenanthrene	n/a	=	11	%	EPA 625.1	-88	-88	0	30	
2020/21-PRE	000NONPJ	matrix spike	9/14/2020	Organic	Phenanthrene	n/a	=	196	µg/L	EPA 625.1	3.2	10			
2020/21-PRE	000NONPJ	matrix spike, rec	9/14/2020	Organic	Phenanthrene	n/a	=	78	%	EPA 625.1	-88	-88	54	120	
2020/21-PRE	000NONPJ	matrix spike dup	9/15/2020	Organic	Phenanthrene	n/a	=	201	µg/L	EPA 625.1	3.2	10			
2020/21-PRE	000NONPJ	matrix spike dup, rec	9/15/2020	Organic	Phenanthrene	n/a	=	81	%	EPA 625.1	-88	-88	54	120	
2020/21-PRE	000NONPJ	matrix spike, RPD	9/15/2020	Organic	Phenanthrene	n/a	=	3	%	EPA 625.1	-88	-88	0	30	
2020/21-PRE	000NONPJ	lab duplicate	9/15/2020	Organic	Phenanthrene	n/a	<	1.3	µg/L	EPA 625.1	1.3	4		30	DF,DG
2020/21-PRE	000NONPJ	lab duplicate	9/15/2020	Organic	Phenanthrene	n/a	<	3.2	µg/L	EPA 625.1	3.2	10		30	DF,DG
2020/21-PRE	Carboy Blank	equip blank	9/17/2020	Organic	Phenanthrene	n/a	<	0.32	µg/L	EPA 625.1	0.32	1			
2020/21-PRE	Lab	LCS	9/14/2020	Organic	Phenanthrene	n/a	=	22.5	µg/L	EPA 625.1	0.32	1			
2020/21-PRE	Lab	LCS, rec	9/14/2020	Organic	Phenanthrene	n/a	=	90	%	EPA 625.1	-88	-88	65	120	
2020/21-PRE	Lab	method blank	9/15/2020	Organic	Phenanthrene	n/a	<	0.32	µg/L	EPA 625.1	0.32	1			
2020/21-PRE	Lab	LCS dup	9/16/2020	Organic	Phenanthrene	n/a	=	20.7	µg/L	EPA 625.1	0.32	1			
2020/21-PRE	Lab	LCS dup, rec	9/16/2020	Organic	Phenanthrene	n/a	=	83	%	EPA 625.1	-88	-88	65	120	
2020/21-PRE	Lab	LCS, RPD	9/16/2020	Organic	Phenanthrene	n/a	=	10	%	EPA 625.1	-88	-88	0	30	
2020/21-PRE	Lab	LCS	9/17/2020	Organic	Phenanthrene	n/a	=	22.8	µg/L	EPA 625.1	0.32	1			

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2020/21-PRE	Lab	LCS, rec	9/17/2020	Organic	Phenanthrene	n/a	=	91	%	EPA 625.1	-88	-88	65	120	
2020/21-PRE	Lab	method blank	9/17/2020	Organic	Phenanthrene	n/a	<	0.32	µg/L	EPA 625.1	0.32	1			
2020/21-PRE	Tubing Blank	equip blank	9/15/2020	Organic	Phenanthrene	n/a	<	0.32	µg/L	EPA 625.1	0.32	1			
2020/21-PRE	000NONPJ	matrix spike	9/14/2020	Organic	Phenol	n/a	=	18.6	µg/L	EPA 625.1	0.64	4			
2020/21-PRE	000NONPJ	matrix spike, rec	9/14/2020	Organic	Phenol	n/a	=	33	%	EPA 625.1	-88	-88	5	120	
2020/21-PRE	000NONPJ	matrix spike dup	9/14/2020	Organic	Phenol	n/a	=	21.1	µg/L	EPA 625.1	0.64	4			
2020/21-PRE	000NONPJ	matrix spike dup, rec	9/14/2020	Organic	Phenol	n/a	=	38	%	EPA 625.1	-88	-88	5	120	
2020/21-PRE	000NONPJ	matrix spike, RPD	9/14/2020	Organic	Phenol	n/a	=	12	%	EPA 625.1	-88	-88	0	30	
2020/21-PRE	000NONPJ	matrix spike	9/14/2020	Organic	Phenol	n/a	=	94.3	µg/L	EPA 625.1	1.6	10			
2020/21-PRE	000NONPJ	matrix spike, rec	9/14/2020	Organic	Phenol	n/a	=	36	%	EPA 625.1	-88	-88	5	120	
2020/21-PRE	000NONPJ	matrix spike dup	9/15/2020	Organic	Phenol	n/a	=	105	µg/L	EPA 625.1	1.6	10			
2020/21-PRE	000NONPJ	matrix spike dup, rec	9/15/2020	Organic	Phenol	n/a	=	41	%	EPA 625.1	-88	-88	5	120	
2020/21-PRE	000NONPJ	matrix spike, RPD	9/15/2020	Organic	Phenol	n/a	=	11	%	EPA 625.1	-88	-88	0	30	
2020/21-PRE	000NONPJ	lab duplicate	9/15/2020	Organic	Phenol	n/a	DNQ	1.84	µg/L	EPA 625.1	0.64	4		30	
2020/21-PRE	000NONPJ	lab duplicate	9/15/2020	Organic	Phenol	n/a	DNQ	3.1	µg/L	EPA 625.1	1.6	10		30	
2020/21-PRE	Carboy Blank	equip blank	9/17/2020	Organic	Phenol	n/a	<	0.16	µg/L	EPA 625.1	0.16	1			
2020/21-PRE	Lab	LCS	9/14/2020	Organic	Phenol	n/a	=	8.85	µg/L	EPA 625.1	0.16	1			
2020/21-PRE	Lab	LCS, rec	9/14/2020	Organic	Phenol	n/a	=	35	%	EPA 625.1	-88	-88	17	120	
2020/21-PRE	Lab	method blank	9/15/2020	Organic	Phenol	n/a	<	0.16	µg/L	EPA 625.1	0.16	1			
2020/21-PRE	Lab	LCS dup	9/16/2020	Organic	Phenol	n/a	=	8.49	µg/L	EPA 625.1	0.16	1			
2020/21-PRE	Lab	LCS dup, rec	9/16/2020	Organic	Phenol	n/a	=	34	%	EPA 625.1	-88	-88	17	120	
2020/21-PRE	Lab	LCS, RPD	9/16/2020	Organic	Phenol	n/a	=	3	%	EPA 625.1	-88	-88	0	30	
2020/21-PRE	Lab	LCS	9/17/2020	Organic	Phenol	n/a	=	8.24	µg/L	EPA 625.1	0.16	1			
2020/21-PRE	Lab	LCS, rec	9/17/2020	Organic	Phenol	n/a	=	33	%	EPA 625.1	-88	-88	17	120	
2020/21-PRE	Lab	method blank	9/17/2020	Organic	Phenol	n/a	<	0.16	µg/L	EPA 625.1	0.16	1			
2020/21-PRE	Tubing Blank	equip blank	9/15/2020	Organic	Phenol	n/a	<	0.16	µg/L	EPA 625.1	0.16	1			
2020/21-PRE	000NONPJ	srgt matrix spike	9/14/2020	Organic	Phenol-d5	n/a	=	36	µg/L	EPA 625.1	-88	-88			
2020/21-PRE	000NONPJ	srgt matrix spike, rec	9/14/2020	Organic	Phenol-d5	n/a	=	36	%	EPA 625.1	-88	-88	12	120	
2020/21-PRE	000NONPJ	srgt matrix spike dup	9/14/2020	Organic	Phenol-d5	n/a	=	40.7	µg/L	EPA 625.1	-88	-88			
2020/21-PRE	000NONPJ	srgt matrix spike dup, rec	9/14/2020	Organic	Phenol-d5	n/a	=	41	%	EPA 625.1	-88	-88	12	120	
2020/21-PRE	000NONPJ	srgt matrix spike	9/14/2020	Organic	Phenol-d5	n/a	=	189	µg/L	EPA 625.1	-88	-88			
2020/21-PRE	000NONPJ	srgt matrix spike, rec	9/14/2020	Organic	Phenol-d5	n/a	=	38	%	EPA 625.1	-88	-88	12	120	
2020/21-PRE	000NONPJ	srgt matrix spike dup	9/15/2020	Organic	Phenol-d5	n/a	=	213	µg/L	EPA 625.1	-88	-88			
2020/21-PRE	000NONPJ	srgt matrix spike dup, rec	9/15/2020	Organic	Phenol-d5	n/a	=	43	%	EPA 625.1	-88	-88	12	120	
2020/21-PRE	000NONPJ	srgt lab duplicate	9/15/2020	Organic	Phenol-d5	n/a	=	37	µg/L	EPA 625.1	-88	-88			
2020/21-PRE	000NONPJ	srgt lab duplicate, rec	9/15/2020	Organic	Phenol-d5	n/a	=	37	%	EPA 625.1	-88	-88	12	120	
2020/21-PRE	000NONPJ	srgt lab duplicate	9/15/2020	Organic	Phenol-d5	n/a	=	190	µg/L	EPA 625.1	-88	-88			
2020/21-PRE	000NONPJ	srgt lab duplicate, rec	9/15/2020	Organic	Phenol-d5	n/a	=	38	%	EPA 625.1	-88	-88	12	120	
2020/21-PRE	Carboy Blank	srgt equip blank	9/17/2020	Organic	Phenol-d5	n/a	=	15.2	µg/L	EPA 625.1	-88	-88			
2020/21-PRE	Carboy Blank	srgt equip blank, rec	9/17/2020	Organic	Phenol-d5	n/a	=	30	%	EPA 625.1	-88	-88	12	120	
2020/21-PRE	Lab	srgt LCS	9/14/2020	Organic	Phenol-d5	n/a	=	19.2	µg/L	EPA 625.1	-88	-88			
2020/21-PRE	Lab	srgt LCS, rec	9/14/2020	Organic	Phenol-d5	n/a	=	38	%	EPA 625.1	-88	-88	12	120	
2020/21-PRE	Lab	srgt method blank	9/15/2020	Organic	Phenol-d5	n/a	=	19.3	µg/L	EPA 625.1	-88	-88			
2020/21-PRE	Lab	srgt method blank, rec	9/15/2020	Organic	Phenol-d5	n/a	=	39	%	EPA 625.1	-88	-88	12	120	
2020/21-PRE	Lab	srgt LCS dup	9/16/2020	Organic	Phenol-d5	n/a	=	17.3	µg/L	EPA 625.1	-88	-88			
2020/21-PRE	Lab	srgt LCS dup, rec	9/16/2020	Organic	Phenol-d5	n/a	=	35	%	EPA 625.1	-88	-88	12	120	
2020/21-PRE	Lab	srgt LCS	9/17/2020	Organic	Phenol-d5	n/a	=	16.8	µg/L	EPA 625.1	-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	
2020/21-PRE	Lab	srgt LCS, rec	9/17/2020	Organic	Phenol-d5	n/a	=	34	%	EPA 625.1	-88	-88	12	120	
2020/21-PRE	Lab	srgt method blank	9/17/2020	Organic	Phenol-d5	n/a	=	17.5	µg/L	EPA 625.1	-88	-88			
2020/21-PRE	Lab	srgt method blank, rec	9/17/2020	Organic	Phenol-d5	n/a	=	35	%	EPA 625.1	-88	-88	12	120	
2020/21-PRE	Tubing Blank	srgt equip blank	9/15/2020	Organic	Phenol-d5	n/a	=	20	µg/L	EPA 625.1	-88	-88			
2020/21-PRE	Tubing Blank	srgt equip blank, rec	9/15/2020	Organic	Phenol-d5	n/a	=	38	%	EPA 625.1	-88	-88	12	120	
2020/21-PRE	000NONPJ	srgt matrix spike	9/14/2020	Organic	p-Terphenyl-d14	n/a	=	50.3	µg/L	EPA 625.1	-88	-88			
2020/21-PRE	000NONPJ	srgt matrix spike, rec	9/14/2020	Organic	p-Terphenyl-d14	n/a	=	101	%	EPA 625.1	-88	-88	44	129	
2020/21-PRE	000NONPJ	srgt matrix spike dup	9/14/2020	Organic	p-Terphenyl-d14	n/a	=	43.8	µg/L	EPA 625.1	-88	-88			
2020/21-PRE	000NONPJ	srgt matrix spike dup, rec	9/14/2020	Organic	p-Terphenyl-d14	n/a	=	88	%	EPA 625.1	-88	-88	44	129	
2020/21-PRE	000NONPJ	srgt matrix spike	9/14/2020	Organic	p-Terphenyl-d14	n/a	=	215	µg/L	EPA 625.1	-88	-88			
2020/21-PRE	000NONPJ	srgt matrix spike, rec	9/14/2020	Organic	p-Terphenyl-d14	n/a	=	86	%	EPA 625.1	-88	-88	44	129	
2020/21-PRE	000NONPJ	srgt matrix spike dup	9/15/2020	Organic	p-Terphenyl-d14	n/a	=	226	µg/L	EPA 625.1	-88	-88			
2020/21-PRE	000NONPJ	srgt matrix spike dup, rec	9/15/2020	Organic	p-Terphenyl-d14	n/a	=	90	%	EPA 625.1	-88	-88	44	129	
2020/21-PRE	000NONPJ	srgt lab duplicate	9/15/2020	Organic	p-Terphenyl-d14	n/a	=	46.2	µg/L	EPA 625.1	-88	-88			
2020/21-PRE	000NONPJ	srgt lab duplicate, rec	9/15/2020	Organic	p-Terphenyl-d14	n/a	=	92	%	EPA 625.1	-88	-88	44	129	
2020/21-PRE	000NONPJ	srgt lab duplicate	9/15/2020	Organic	p-Terphenyl-d14	n/a	=	179	µg/L	EPA 625.1	-88	-88			
2020/21-PRE	000NONPJ	srgt lab duplicate, rec	9/15/2020	Organic	p-Terphenyl-d14	n/a	=	72	%	EPA 625.1	-88	-88	44	129	
2020/21-PRE	Carboy Blank	srgt equip blank	9/17/2020	Organic	p-Terphenyl-d14	n/a	=	22.9	µg/L	EPA 625.1	-88	-88			
2020/21-PRE	Carboy Blank	srgt equip blank, rec	9/17/2020	Organic	p-Terphenyl-d14	n/a	=	92	%	EPA 625.1	-88	-88	44	129	
2020/21-PRE	Lab	srgt LCS	9/14/2020	Organic	p-Terphenyl-d14	n/a	=	24.9	µg/L	EPA 625.1	-88	-88			
2020/21-PRE	Lab	srgt LCS, rec	9/14/2020	Organic	p-Terphenyl-d14	n/a	=	99	%	EPA 625.1	-88	-88	44	129	
2020/21-PRE	Lab	srgt method blank	9/15/2020	Organic	p-Terphenyl-d14	n/a	=	22.9	µg/L	EPA 625.1	-88	-88			
2020/21-PRE	Lab	srgt method blank, rec	9/15/2020	Organic	p-Terphenyl-d14	n/a	=	92	%	EPA 625.1	-88	-88	44	129	
2020/21-PRE	Lab	srgt LCS dup	9/16/2020	Organic	p-Terphenyl-d14	n/a	=	23.5	µg/L	EPA 625.1	-88	-88			
2020/21-PRE	Lab	srgt LCS dup, rec	9/16/2020	Organic	p-Terphenyl-d14	n/a	=	94	%	EPA 625.1	-88	-88	44	129	
2020/21-PRE	Lab	srgt LCS	9/17/2020	Organic	p-Terphenyl-d14	n/a	=	25.5	µg/L	EPA 625.1	-88	-88			
2020/21-PRE	Lab	srgt LCS, rec	9/17/2020	Organic	p-Terphenyl-d14	n/a	=	102	%	EPA 625.1	-88	-88	44	129	
2020/21-PRE	Lab	srgt method blank	9/17/2020	Organic	p-Terphenyl-d14	n/a	=	21.7	µg/L	EPA 625.1	-88	-88			
2020/21-PRE	Lab	srgt method blank, rec	9/17/2020	Organic	p-Terphenyl-d14	n/a	=	87	%	EPA 625.1	-88	-88	44	129	
2020/21-PRE	Tubing Blank	srgt equip blank	9/15/2020	Organic	p-Terphenyl-d14	n/a	=	23.1	µg/L	EPA 625.1	-88	-88			
2020/21-PRE	Tubing Blank	srgt equip blank, rec	9/15/2020	Organic	p-Terphenyl-d14	n/a	=	88	%	EPA 625.1	-88	-88	44	129	
2020/21-PRE	000NONPJ	matrix spike	9/14/2020	Organic	Pyrene	n/a	=	43.6	µg/L	EPA 625.1	1	4			
2020/21-PRE	000NONPJ	matrix spike, rec	9/14/2020	Organic	Pyrene	n/a	=	87	%	EPA 625.1	-88	-88	52	120	
2020/21-PRE	000NONPJ	matrix spike dup	9/14/2020	Organic	Pyrene	n/a	=	38.8	µg/L	EPA 625.1	1	4			
2020/21-PRE	000NONPJ	matrix spike dup, rec	9/14/2020	Organic	Pyrene	n/a	=	78	%	EPA 625.1	-88	-88	52	120	
2020/21-PRE	000NONPJ	matrix spike, RPD	9/14/2020	Organic	Pyrene	n/a	=	12	%	EPA 625.1	-88	-88	0	30	
2020/21-PRE	000NONPJ	matrix spike	9/14/2020	Organic	Pyrene	n/a	=	187	µg/L	EPA 625.1	2.5	10			
2020/21-PRE	000NONPJ	matrix spike, rec	9/14/2020	Organic	Pyrene	n/a	=	75	%	EPA 625.1	-88	-88	52	120	
2020/21-PRE	000NONPJ	matrix spike dup	9/15/2020	Organic	Pyrene	n/a	=	191	µg/L	EPA 625.1	2.5	10			
2020/21-PRE	000NONPJ	matrix spike dup, rec	9/15/2020	Organic	Pyrene	n/a	=	77	%	EPA 625.1	-88	-88	52	120	
2020/21-PRE	000NONPJ	matrix spike, RPD	9/15/2020	Organic	Pyrene	n/a	=	2	%	EPA 625.1	-88	-88	0	30	
2020/21-PRE	000NONPJ	lab duplicate	9/15/2020	Organic	Pyrene	n/a	<	1	µg/L	EPA 625.1	1	4			DF,DG
2020/21-PRE	000NONPJ	lab duplicate	9/15/2020	Organic	Pyrene	n/a	<	2.5	µg/L	EPA 625.1	2.5	10			DF,DG
2020/21-PRE	Carboy Blank	equip blank	9/17/2020	Organic	Pyrene	n/a	<	0.25	µg/L	EPA 625.1	0.25	1			
2020/21-PRE	Lab	LCS	9/14/2020	Organic	Pyrene	n/a	=	21.5	µg/L	EPA 625.1	0.25	1			
2020/21-PRE	Lab	LCS, rec	9/14/2020	Organic	Pyrene	n/a	=	86	%	EPA 625.1	-88	-88	70	120	
2020/21-PRE	Lab	method blank	9/15/2020	Organic	Pyrene	n/a	<	0.25	µg/L	EPA 625.1	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	
2020/21-PRE	Lab	LCS dup	9/16/2020	Organic	Pyrene	n/a	=	20.5	µg/L	EPA 625.1	0.25	1			
2020/21-PRE	Lab	LCS dup, rec	9/16/2020	Organic	Pyrene	n/a	=	82	%	EPA 625.1	-88	-88	70	120	
2020/21-PRE	Lab	LCS, RPD	9/16/2020	Organic	Pyrene	n/a	=	13	%	EPA 625.1	-88	-88	0	30	
2020/21-PRE	Lab	LCS	9/17/2020	Organic	Pyrene	n/a	=	23.3	µg/L	EPA 625.1	0.25	1			
2020/21-PRE	Lab	LCS, rec	9/17/2020	Organic	Pyrene	n/a	=	93	%	EPA 625.1	-88	-88	70	120	
2020/21-PRE	Lab	method blank	9/17/2020	Organic	Pyrene	n/a	<	0.25	µg/L	EPA 625.1	0.25	1			
2020/21-PRE	Tubing Blank	equip blank	9/15/2020	Organic	Pyrene	n/a	<	0.25	µg/L	EPA 625.1	0.25	1			
2020/21-PRE	000NONPJ	srgt matrix spike	8/24/2020	Organic	Triphenylphosphate	n/a	=	5.75	µg/L	EPA 525.2	-88	-88			
2020/21-PRE	000NONPJ	srgt matrix spike, rec	8/24/2020	Organic	Triphenylphosphate	n/a	=	115	%	EPA 525.2	-88	-88	70	130	
2020/21-PRE	000NONPJ	srgt matrix spike dup	8/24/2020	Organic	Triphenylphosphate	n/a	=	5.64	µg/L	EPA 525.2	-88	-88			
2020/21-PRE	000NONPJ	srgt matrix spike dup, rec	8/24/2020	Organic	Triphenylphosphate	n/a	=	113	%	EPA 525.2	-88	-88	70	130	
2020/21-PRE	Carboy Blank	srgt equip blank	8/25/2020	Organic	Triphenylphosphate	n/a	=	5.02	µg/L	EPA 525.2	-88	-88			
2020/21-PRE	Carboy Blank	srgt equip blank, rec	8/25/2020	Organic	Triphenylphosphate	n/a	=	100	%	EPA 525.2	-88	-88	70	130	
2020/21-PRE	Lab	srgt method blank	8/24/2020	Organic	Triphenylphosphate	n/a	=	4.32	µg/L	EPA 525.2	-88	-88			
2020/21-PRE	Lab	srgt method blank, rec	8/24/2020	Organic	Triphenylphosphate	n/a	=	86	%	EPA 525.2	-88	-88	70	130	
2020/21-PRE	Lab	srgt LCS	8/24/2020	Organic	Triphenylphosphate	n/a	=	5.01	µg/L	EPA 525.2	-88	-88			
2020/21-PRE	Lab	srgt LCS, rec	8/24/2020	Organic	Triphenylphosphate	n/a	=	100	%	EPA 525.2	-88	-88	70	130	
2020/21-PRE	Tubing Blank	srgt equip blank	8/25/2020	Organic	Triphenylphosphate	n/a	=	5.26	µg/L	EPA 525.2	-88	-88			
2020/21-PRE	Tubing Blank	srgt equip blank, rec	8/25/2020	Organic	Triphenylphosphate	n/a	=	105	%	EPA 525.2	-88	-88	70	130	
2020/21-PRE	000NONPJ	matrix spike	8/24/2020	Pesticide	Alachlor	n/a	=	4.75	µg/L	EPA 525.2	0.03	0.1			
2020/21-PRE	000NONPJ	matrix spike, rec	8/24/2020	Pesticide	Alachlor	n/a	=	95	%	EPA 525.2	-88	-88	70	130	
2020/21-PRE	000NONPJ	matrix spike dup	8/24/2020	Pesticide	Alachlor	n/a	=	4.91	µg/L	EPA 525.2	0.03	0.1			
2020/21-PRE	000NONPJ	matrix spike dup, rec	8/24/2020	Pesticide	Alachlor	n/a	=	98	%	EPA 525.2	-88	-88	70	130	
2020/21-PRE	000NONPJ	matrix spike, RPD	8/24/2020	Pesticide	Alachlor	n/a	=	3	%	EPA 525.2	-88	-88	0	30	
2020/21-PRE	Carboy Blank	equip blank	8/25/2020	Pesticide	Alachlor	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1			
2020/21-PRE	Lab	method blank	8/24/2020	Pesticide	Alachlor	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1			
2020/21-PRE	Lab	LCS	8/24/2020	Pesticide	Alachlor	n/a	=	5.02	µg/L	EPA 525.2	0.03	0.1			
2020/21-PRE	Lab	LCS, rec	8/24/2020	Pesticide	Alachlor	n/a	=	100	%	EPA 525.2	-88	-88	70	130	
2020/21-PRE	Tubing Blank	equip blank	8/25/2020	Pesticide	Alachlor	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1			
2020/21-PRE	000NONPJ	matrix spike	8/24/2020	Pesticide	Atrazine	n/a	=	6.16	µg/L	EPA 525.2	0.03	0.1			
2020/21-PRE	000NONPJ	matrix spike, rec	8/24/2020	Pesticide	Atrazine	n/a	=	123	%	EPA 525.2	-88	-88	70	130	
2020/21-PRE	000NONPJ	matrix spike dup	8/24/2020	Pesticide	Atrazine	n/a	=	5.5	µg/L	EPA 525.2	0.03	0.1			
2020/21-PRE	000NONPJ	matrix spike dup, rec	8/24/2020	Pesticide	Atrazine	n/a	=	110	%	EPA 525.2	-88	-88	70	130	
2020/21-PRE	000NONPJ	matrix spike, RPD	8/24/2020	Pesticide	Atrazine	n/a	=	11	%	EPA 525.2	-88	-88	0	30	
2020/21-PRE	Carboy Blank	equip blank	8/25/2020	Pesticide	Atrazine	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1			
2020/21-PRE	Lab	method blank	8/24/2020	Pesticide	Atrazine	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1			
2020/21-PRE	Lab	LCS	8/24/2020	Pesticide	Atrazine	n/a	=	6.43	µg/L	EPA 525.2	0.03	0.1			
2020/21-PRE	Lab	LCS, rec	8/24/2020	Pesticide	Atrazine	n/a	=	129	%	EPA 525.2	-88	-88	70	130	
2020/21-PRE	Tubing Blank	equip blank	8/25/2020	Pesticide	Atrazine	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1			
2020/21-PRE	000NONPJ	matrix spike	8/24/2020	Pesticide	Bromacil	n/a	=	5.01	µg/L	EPA 525.2	0.16	0.5			
2020/21-PRE	000NONPJ	matrix spike, rec	8/24/2020	Pesticide	Bromacil	n/a	=	100	%	EPA 525.2	-88	-88	70	130	
2020/21-PRE	000NONPJ	matrix spike dup	8/24/2020	Pesticide	Bromacil	n/a	=	5.21	µg/L	EPA 525.2	0.16	0.5			
2020/21-PRE	000NONPJ	matrix spike dup, rec	8/24/2020	Pesticide	Bromacil	n/a	=	104	%	EPA 525.2	-88	-88	70	130	
2020/21-PRE	000NONPJ	matrix spike, RPD	8/24/2020	Pesticide	Bromacil	n/a	=	4	%	EPA 525.2	-88	-88	0	30	
2020/21-PRE	Carboy Blank	equip blank	8/25/2020	Pesticide	Bromacil	n/a	<	0.16	µg/L	EPA 525.2	0.16	0.5			
2020/21-PRE	Lab	method blank	8/24/2020	Pesticide	Bromacil	n/a	<	0.16	µg/L	EPA 525.2	0.16	0.5			
2020/21-PRE	Lab	LCS	8/24/2020	Pesticide	Bromacil	n/a	=	4.55	µg/L	EPA 525.2	0.16	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	
2020/21-PRE	Lab	LCS, rec	8/24/2020	Pesticide	Bromacil	n/a	=	91	%	EPA 525.2	-88	-88	70	130	
2020/21-PRE	Tubing Blank	equip blank	8/25/2020	Pesticide	Bromacil	n/a	<	0.16	µg/L	EPA 525.2	0.16	0.5			
2020/21-PRE	000NONPJ	matrix spike	8/24/2020	Pesticide	Butachlor	n/a	=	4.99	µg/L	EPA 525.2	0.03	0.1			
2020/21-PRE	000NONPJ	matrix spike, rec	8/24/2020	Pesticide	Butachlor	n/a	=	100	%	EPA 525.2	-88	-88	70	130	
2020/21-PRE	000NONPJ	matrix spike dup	8/24/2020	Pesticide	Butachlor	n/a	=	5.19	µg/L	EPA 525.2	0.03	0.1			
2020/21-PRE	000NONPJ	matrix spike dup, rec	8/24/2020	Pesticide	Butachlor	n/a	=	104	%	EPA 525.2	-88	-88	70	130	
2020/21-PRE	000NONPJ	matrix spike, RPD	8/24/2020	Pesticide	Butachlor	n/a	=	4	%	EPA 525.2	-88	-88	0	30	
2020/21-PRE	Carboy Blank	equip blank	8/25/2020	Pesticide	Butachlor	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1			
2020/21-PRE	Lab	method blank	8/24/2020	Pesticide	Butachlor	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1			
2020/21-PRE	Lab	LCS	8/24/2020	Pesticide	Butachlor	n/a	=	5.1	µg/L	EPA 525.2	0.03	0.1			
2020/21-PRE	Lab	LCS, rec	8/24/2020	Pesticide	Butachlor	n/a	=	102	%	EPA 525.2	-88	-88	70	130	
2020/21-PRE	Tubing Blank	equip blank	8/25/2020	Pesticide	Butachlor	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1			
2020/21-PRE	000NONPJ	matrix spike	8/24/2020	Pesticide	Captan	n/a	=	5.28	µg/L	EPA 525.2	0.16	1			
2020/21-PRE	000NONPJ	matrix spike, rec	8/24/2020	Pesticide	Captan	n/a	=	106	%	EPA 525.2	-88	-88	70	130	
2020/21-PRE	000NONPJ	matrix spike dup	8/24/2020	Pesticide	Captan	n/a	=	5.11	µg/L	EPA 525.2	0.16	1			
2020/21-PRE	000NONPJ	matrix spike dup, rec	8/24/2020	Pesticide	Captan	n/a	=	102	%	EPA 525.2	-88	-88	70	130	
2020/21-PRE	000NONPJ	matrix spike, RPD	8/24/2020	Pesticide	Captan	n/a	=	3	%	EPA 525.2	-88	-88	0	30	
2020/21-PRE	Carboy Blank	equip blank	8/25/2020	Pesticide	Captan	n/a	<	0.16	µg/L	EPA 525.2	0.16	1			
2020/21-PRE	Lab	method blank	8/24/2020	Pesticide	Captan	n/a	<	0.16	µg/L	EPA 525.2	0.16	1			
2020/21-PRE	Lab	LCS	8/24/2020	Pesticide	Captan	n/a	=	4.02	µg/L	EPA 525.2	0.16	1			
2020/21-PRE	Lab	LCS, rec	8/24/2020	Pesticide	Captan	n/a	=	80	%	EPA 525.2	-88	-88	70	130	
2020/21-PRE	Tubing Blank	equip blank	8/25/2020	Pesticide	Captan	n/a	<	0.16	µg/L	EPA 525.2	0.16	1			
2020/21-PRE	000NONPJ	matrix spike	8/24/2020	Pesticide	Chloroprotham	n/a	=	7.09	µg/L	EPA 525.2	0.04	0.1			GB
2020/21-PRE	000NONPJ	matrix spike, rec	8/24/2020	Pesticide	Chloroprotham	n/a	=	142	%	EPA 525.2	-88	-88	70	130	GB
2020/21-PRE	000NONPJ	matrix spike dup	8/24/2020	Pesticide	Chloroprotham	n/a	=	6.22	µg/L	EPA 525.2	0.04	0.1			
2020/21-PRE	000NONPJ	matrix spike dup, rec	8/24/2020	Pesticide	Chloroprotham	n/a	=	124	%	EPA 525.2	-88	-88	70	130	
2020/21-PRE	000NONPJ	matrix spike, RPD	8/24/2020	Pesticide	Chloroprotham	n/a	=	13	%	EPA 525.2	-88	-88	0	30	
2020/21-PRE	Carboy Blank	equip blank	8/25/2020	Pesticide	Chloroprotham	n/a	<	0.04	µg/L	EPA 525.2	0.04	0.1			
2020/21-PRE	Lab	method blank	8/24/2020	Pesticide	Chloroprotham	n/a	<	0.04	µg/L	EPA 525.2	0.04	0.1			
2020/21-PRE	Lab	LCS	8/24/2020	Pesticide	Chloroprotham	n/a	=	6.03	µg/L	EPA 525.2	0.04	0.1			
2020/21-PRE	Lab	LCS, rec	8/24/2020	Pesticide	Chloroprotham	n/a	=	121	%	EPA 525.2	-88	-88	70	130	
2020/21-PRE	Tubing Blank	equip blank	8/25/2020	Pesticide	Chloroprotham	n/a	<	0.04	µg/L	EPA 525.2	0.04	0.1			
2020/21-PRE	000NONPJ	matrix spike	8/24/2020	Pesticide	Cyanazine	n/a	=	5.3	µg/L	EPA 525.2	0.04	0.1			
2020/21-PRE	000NONPJ	matrix spike, rec	8/24/2020	Pesticide	Cyanazine	n/a	=	106	%	EPA 525.2	-88	-88	70	130	
2020/21-PRE	000NONPJ	matrix spike dup	8/24/2020	Pesticide	Cyanazine	n/a	=	5.06	µg/L	EPA 525.2	0.04	0.1			
2020/21-PRE	000NONPJ	matrix spike dup, rec	8/24/2020	Pesticide	Cyanazine	n/a	=	101	%	EPA 525.2	-88	-88	70	130	
2020/21-PRE	000NONPJ	matrix spike, RPD	8/24/2020	Pesticide	Cyanazine	n/a	=	5	%	EPA 525.2	-88	-88	0	30	
2020/21-PRE	Carboy Blank	equip blank	8/25/2020	Pesticide	Cyanazine	n/a	<	0.04	µg/L	EPA 525.2	0.04	0.1			
2020/21-PRE	Lab	method blank	8/24/2020	Pesticide	Cyanazine	n/a	<	0.04	µg/L	EPA 525.2	0.04	0.1			
2020/21-PRE	Lab	LCS	8/24/2020	Pesticide	Cyanazine	n/a	=	5.67	µg/L	EPA 525.2	0.04	0.1			
2020/21-PRE	Lab	LCS, rec	8/24/2020	Pesticide	Cyanazine	n/a	=	113	%	EPA 525.2	-88	-88	70	130	
2020/21-PRE	Tubing Blank	equip blank	8/25/2020	Pesticide	Cyanazine	n/a	<	0.04	µg/L	EPA 525.2	0.04	0.1			
2020/21-PRE	000NONPJ	matrix spike	8/24/2020	Pesticide	Diazinon	n/a	=	4.22	µg/L	EPA 525.2	0.05	0.1			
2020/21-PRE	000NONPJ	matrix spike, rec	8/24/2020	Pesticide	Diazinon	n/a	=	84	%	EPA 525.2	-88	-88	50	120	
2020/21-PRE	000NONPJ	matrix spike dup	8/24/2020	Pesticide	Diazinon	n/a	=	4.12	µg/L	EPA 525.2	0.05	0.1			
2020/21-PRE	000NONPJ	matrix spike dup, rec	8/24/2020	Pesticide	Diazinon	n/a	=	82	%	EPA 525.2	-88	-88	50	120	
2020/21-PRE	000NONPJ	matrix spike, RPD	8/24/2020	Pesticide	Diazinon	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	
2020/21-PRE	Carboy Blank	equip blank	8/25/2020	Pesticide	Diazinon	n/a	<	0.05	µg/L	EPA 525.2	0.05	0.1			
2020/21-PRE	Lab	method blank	8/24/2020	Pesticide	Diazinon	n/a	<	0.05	µg/L	EPA 525.2	0.05	0.1			
2020/21-PRE	Lab	LCS	8/24/2020	Pesticide	Diazinon	n/a	=	3.99	µg/L	EPA 525.2	0.05	0.1			
2020/21-PRE	Lab	LCS, rec	8/24/2020	Pesticide	Diazinon	n/a	=	80	%	EPA 525.2	-88	-88	50	120	
2020/21-PRE	Tubing Blank	equip blank	8/25/2020	Pesticide	Diazinon	n/a	<	0.05	µg/L	EPA 525.2	0.05	0.1			
2020/21-PRE	000NONPJ	matrix spike	8/24/2020	Pesticide	Dimethoate	n/a	=	6	µg/L	EPA 525.2	0.02	0.2			
2020/21-PRE	000NONPJ	matrix spike, rec	8/24/2020	Pesticide	Dimethoate	n/a	=	120	%	EPA 525.2	-88	-88	50	120	
2020/21-PRE	000NONPJ	matrix spike dup	8/24/2020	Pesticide	Dimethoate	n/a	=	5.36	µg/L	EPA 525.2	0.02	0.2			
2020/21-PRE	000NONPJ	matrix spike dup, rec	8/24/2020	Pesticide	Dimethoate	n/a	=	107	%	EPA 525.2	-88	-88	50	120	
2020/21-PRE	000NONPJ	matrix spike, RPD	8/24/2020	Pesticide	Dimethoate	n/a	=	11	%	EPA 525.2	-88	-88	0	30	
2020/21-PRE	Carboy Blank	equip blank	8/25/2020	Pesticide	Dimethoate	n/a	<	0.02	µg/L	EPA 525.2	0.02	0.2			
2020/21-PRE	Lab	method blank	8/24/2020	Pesticide	Dimethoate	n/a	<	0.02	µg/L	EPA 525.2	0.02	0.2			
2020/21-PRE	Lab	LCS	8/24/2020	Pesticide	Dimethoate	n/a	=	4.07	µg/L	EPA 525.2	0.02	0.2			
2020/21-PRE	Lab	LCS, rec	8/24/2020	Pesticide	Dimethoate	n/a	=	81	%	EPA 525.2	-88	-88	50	120	
2020/21-PRE	Tubing Blank	equip blank	8/25/2020	Pesticide	Dimethoate	n/a	<	0.02	µg/L	EPA 525.2	0.02	0.2			
2020/21-PRE	000NONPJ	matrix spike	8/24/2020	Pesticide	Diphenamid	n/a	=	6.44	µg/L	EPA 525.2	0.03	0.1			
2020/21-PRE	000NONPJ	matrix spike, rec	8/24/2020	Pesticide	Diphenamid	n/a	=	129	%	EPA 525.2	-88	-88	70	130	
2020/21-PRE	000NONPJ	matrix spike dup	8/24/2020	Pesticide	Diphenamid	n/a	=	6.01	µg/L	EPA 525.2	0.03	0.1			
2020/21-PRE	000NONPJ	matrix spike dup, rec	8/24/2020	Pesticide	Diphenamid	n/a	=	120	%	EPA 525.2	-88	-88	70	130	
2020/21-PRE	000NONPJ	matrix spike, RPD	8/24/2020	Pesticide	Diphenamid	n/a	=	7	%	EPA 525.2	-88	-88	0	30	
2020/21-PRE	Carboy Blank	equip blank	8/25/2020	Pesticide	Diphenamid	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1			
2020/21-PRE	Lab	method blank	8/24/2020	Pesticide	Diphenamid	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1			
2020/21-PRE	Lab	LCS	8/24/2020	Pesticide	Diphenamid	n/a	=	6.15	µg/L	EPA 525.2	0.03	0.1			
2020/21-PRE	Lab	LCS, rec	8/24/2020	Pesticide	Diphenamid	n/a	=	123	%	EPA 525.2	-88	-88	70	130	
2020/21-PRE	Tubing Blank	equip blank	8/25/2020	Pesticide	Diphenamid	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1			
2020/21-PRE	000NONPJ	matrix spike	8/24/2020	Pesticide	Disulfoton	n/a	=	5.06	µg/L	EPA 525.2	0.04	0.1			
2020/21-PRE	000NONPJ	matrix spike, rec	8/24/2020	Pesticide	Disulfoton	n/a	=	101	%	EPA 525.2	-88	-88	50	120	
2020/21-PRE	000NONPJ	matrix spike dup	8/24/2020	Pesticide	Disulfoton	n/a	=	4.89	µg/L	EPA 525.2	0.04	0.1			
2020/21-PRE	000NONPJ	matrix spike dup, rec	8/24/2020	Pesticide	Disulfoton	n/a	=	98	%	EPA 525.2	-88	-88	50	120	
2020/21-PRE	000NONPJ	matrix spike, RPD	8/24/2020	Pesticide	Disulfoton	n/a	=	3	%	EPA 525.2	-88	-88	0	30	
2020/21-PRE	Carboy Blank	equip blank	8/25/2020	Pesticide	Disulfoton	n/a	<	0.04	µg/L	EPA 525.2	0.04	0.1			
2020/21-PRE	Lab	method blank	8/24/2020	Pesticide	Disulfoton	n/a	<	0.04	µg/L	EPA 525.2	0.04	0.1			
2020/21-PRE	Lab	LCS	8/24/2020	Pesticide	Disulfoton	n/a	=	4.9	µg/L	EPA 525.2	0.04	0.1			
2020/21-PRE	Lab	LCS, rec	8/24/2020	Pesticide	Disulfoton	n/a	=	98	%	EPA 525.2	-88	-88	50	120	
2020/21-PRE	Tubing Blank	equip blank	8/25/2020	Pesticide	Disulfoton	n/a	<	0.04	µg/L	EPA 525.2	0.04	0.1			
2020/21-PRE	000NONPJ	matrix spike	8/24/2020	Pesticide	EPTC	n/a	=	5.86	µg/L	EPA 525.2	0.02	0.1			
2020/21-PRE	000NONPJ	matrix spike, rec	8/24/2020	Pesticide	EPTC	n/a	=	117	%	EPA 525.2	-88	-88	70	130	
2020/21-PRE	000NONPJ	matrix spike dup	8/24/2020	Pesticide	EPTC	n/a	=	5.78	µg/L	EPA 525.2	0.02	0.1			
2020/21-PRE	000NONPJ	matrix spike dup, rec	8/24/2020	Pesticide	EPTC	n/a	=	116	%	EPA 525.2	-88	-88	70	130	
2020/21-PRE	000NONPJ	matrix spike, RPD	8/24/2020	Pesticide	EPTC	n/a	=	1	%	EPA 525.2	-88	-88	0	30	
2020/21-PRE	Carboy Blank	equip blank	8/25/2020	Pesticide	EPTC	n/a	<	0.02	µg/L	EPA 525.2	0.02	0.1			
2020/21-PRE	Lab	method blank	8/24/2020	Pesticide	EPTC	n/a	<	0.02	µg/L	EPA 525.2	0.02	0.1			
2020/21-PRE	Lab	LCS	8/24/2020	Pesticide	EPTC	n/a	=	5.83	µg/L	EPA 525.2	0.02	0.1			
2020/21-PRE	Lab	LCS, rec	8/24/2020	Pesticide	EPTC	n/a	=	117	%	EPA 525.2	-88	-88	70	130	
2020/21-PRE	Tubing Blank	equip blank	8/25/2020	Pesticide	EPTC	n/a	<	0.02	µg/L	EPA 525.2	0.02	0.1			
2020/21-PRE	000NONPJ	matrix spike	8/24/2020	Pesticide	Metolachlor	n/a	=	5.41	µg/L	EPA 525.2	0.03	0.1			
2020/21-PRE	000NONPJ	matrix spike, rec	8/24/2020	Pesticide	Metolachlor	n/a	=	108	%	EPA 525.2	-88	-88	60	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	
2020/21-PRE	000NONPJ	matrix spike dup	8/24/2020	Pesticide	Metolachlor	n/a	=	5.4	µg/L	EPA 525.2	0.03	0.1			
2020/21-PRE	000NONPJ	matrix spike dup, rec	8/24/2020	Pesticide	Metolachlor	n/a	=	108	%	EPA 525.2	-88	-88	60	130	
2020/21-PRE	000NONPJ	matrix spike, RPD	8/24/2020	Pesticide	Metolachlor	n/a	=	0.2	%	EPA 525.2	-88	-88	0	30	
2020/21-PRE	Carboy Blank	equip blank	8/25/2020	Pesticide	Metolachlor	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1			
2020/21-PRE	Lab	method blank	8/24/2020	Pesticide	Metolachlor	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1			
2020/21-PRE	Lab	LCS	8/24/2020	Pesticide	Metolachlor	n/a	=	5.32	µg/L	EPA 525.2	0.03	0.1			
2020/21-PRE	Lab	LCS, rec	8/24/2020	Pesticide	Metolachlor	n/a	=	106	%	EPA 525.2	-88	-88	60	130	
2020/21-PRE	Tubing Blank	equip blank	8/25/2020	Pesticide	Metolachlor	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1			
2020/21-PRE	000NONPJ	matrix spike	8/24/2020	Pesticide	Metribuzin	n/a	=	4.73	µg/L	EPA 525.2	0.03	0.1			
2020/21-PRE	000NONPJ	matrix spike, rec	8/24/2020	Pesticide	Metribuzin	n/a	=	95	%	EPA 525.2	-88	-88	50	120	
2020/21-PRE	000NONPJ	matrix spike dup	8/24/2020	Pesticide	Metribuzin	n/a	=	4.92	µg/L	EPA 525.2	0.03	0.1			
2020/21-PRE	000NONPJ	matrix spike dup, rec	8/24/2020	Pesticide	Metribuzin	n/a	=	98	%	EPA 525.2	-88	-88	50	120	
2020/21-PRE	000NONPJ	matrix spike, RPD	8/24/2020	Pesticide	Metribuzin	n/a	=	4	%	EPA 525.2	-88	-88	0	30	
2020/21-PRE	Carboy Blank	equip blank	8/25/2020	Pesticide	Metribuzin	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1			
2020/21-PRE	Lab	method blank	8/24/2020	Pesticide	Metribuzin	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1			
2020/21-PRE	Lab	LCS	8/24/2020	Pesticide	Metribuzin	n/a	=	4.59	µg/L	EPA 525.2	0.03	0.1			
2020/21-PRE	Lab	LCS, rec	8/24/2020	Pesticide	Metribuzin	n/a	=	92	%	EPA 525.2	-88	-88	50	120	
2020/21-PRE	Tubing Blank	equip blank	8/25/2020	Pesticide	Metribuzin	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1			
2020/21-PRE	000NONPJ	matrix spike	8/24/2020	Pesticide	Molinate	n/a	=	5.84	µg/L	EPA 525.2	0.03	0.1			
2020/21-PRE	000NONPJ	matrix spike, rec	8/24/2020	Pesticide	Molinate	n/a	=	117	%	EPA 525.2	-88	-88	70	130	
2020/21-PRE	000NONPJ	matrix spike dup	8/24/2020	Pesticide	Molinate	n/a	=	5.41	µg/L	EPA 525.2	0.03	0.1			
2020/21-PRE	000NONPJ	matrix spike dup, rec	8/24/2020	Pesticide	Molinate	n/a	=	108	%	EPA 525.2	-88	-88	70	130	
2020/21-PRE	000NONPJ	matrix spike, RPD	8/24/2020	Pesticide	Molinate	n/a	=	8	%	EPA 525.2	-88	-88	0	30	
2020/21-PRE	Carboy Blank	equip blank	8/25/2020	Pesticide	Molinate	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1			
2020/21-PRE	Lab	method blank	8/24/2020	Pesticide	Molinate	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1			
2020/21-PRE	Lab	LCS	8/24/2020	Pesticide	Molinate	n/a	=	5.34	µg/L	EPA 525.2	0.03	0.1			
2020/21-PRE	Lab	LCS, rec	8/24/2020	Pesticide	Molinate	n/a	=	107	%	EPA 525.2	-88	-88	70	130	
2020/21-PRE	Tubing Blank	equip blank	8/25/2020	Pesticide	Molinate	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1			
2020/21-PRE	000NONPJ	matrix spike	9/14/2020	Pesticide	Pentachlorophenol	n/a	=	61.2	µg/L	EPA 625.1	1.6	4			
2020/21-PRE	000NONPJ	matrix spike, rec	9/14/2020	Pesticide	Pentachlorophenol	n/a	=	117	%	EPA 625.1	-88	-88	0.1	133	
2020/21-PRE	000NONPJ	matrix spike dup	9/14/2020	Pesticide	Pentachlorophenol	n/a	=	53.6	µg/L	EPA 625.1	1.6	4			
2020/21-PRE	000NONPJ	matrix spike dup, rec	9/14/2020	Pesticide	Pentachlorophenol	n/a	=	102	%	EPA 625.1	-88	-88	0.1	133	
2020/21-PRE	000NONPJ	matrix spike, RPD	9/14/2020	Pesticide	Pentachlorophenol	n/a	=	13	%	EPA 625.1	-88	-88	0	30	
2020/21-PRE	000NONPJ	matrix spike	9/14/2020	Pesticide	Pentachlorophenol	n/a	=	220	µg/L	EPA 625.1	4	10			
2020/21-PRE	000NONPJ	matrix spike, rec	9/14/2020	Pesticide	Pentachlorophenol	n/a	=	88	%	EPA 625.1	-88	-88	0.1	133	
2020/21-PRE	000NONPJ	matrix spike dup	9/15/2020	Pesticide	Pentachlorophenol	n/a	=	225	µg/L	EPA 625.1	4	10			
2020/21-PRE	000NONPJ	matrix spike dup, rec	9/15/2020	Pesticide	Pentachlorophenol	n/a	=	90	%	EPA 625.1	-88	-88	0.1	133	
2020/21-PRE	000NONPJ	matrix spike, RPD	9/15/2020	Pesticide	Pentachlorophenol	n/a	=	3	%	EPA 625.1	-88	-88	0	30	
2020/21-PRE	000NONPJ	lab duplicate	9/15/2020	Pesticide	Pentachlorophenol	n/a	<	1.6	µg/L	EPA 625.1	1.6	4	30		DF,DG
2020/21-PRE	000NONPJ	lab duplicate	9/15/2020	Pesticide	Pentachlorophenol	n/a	<	4	µg/L	EPA 625.1	4	10	30		DF,DG
2020/21-PRE	Carboy Blank	equip blank	9/17/2020	Pesticide	Pentachlorophenol	n/a	<	0.4	µg/L	EPA 625.1	0.4	1			
2020/21-PRE	Lab	LCS	9/14/2020	Pesticide	Pentachlorophenol	n/a	=	20	µg/L	EPA 625.1	0.4	1			
2020/21-PRE	Lab	LCS, rec	9/14/2020	Pesticide	Pentachlorophenol	n/a	=	80	%	EPA 625.1	-88	-88	41	120	
2020/21-PRE	Lab	method blank	9/15/2020	Pesticide	Pentachlorophenol	n/a	<	0.4	µg/L	EPA 625.1	0.4	1			
2020/21-PRE	Lab	LCS dup	9/16/2020	Pesticide	Pentachlorophenol	n/a	=	17.8	µg/L	EPA 625.1	0.4	1			
2020/21-PRE	Lab	LCS dup, rec	9/16/2020	Pesticide	Pentachlorophenol	n/a	=	71	%	EPA 625.1	-88	-88	41	120	
2020/21-PRE	Lab	LCS, RPD	9/16/2020	Pesticide	Pentachlorophenol	n/a	=	6	%	EPA 625.1	-88	-88	0	30	

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													Min	Max	
2020/21-PRE	Lab	LCS	9/17/2020	Pesticide	Pentachlorophenol	n/a	=	18.9	µg/L	EPA 625.1	0.4	1			
2020/21-PRE	Lab	LCS, rec	9/17/2020	Pesticide	Pentachlorophenol	n/a	=	76	%	EPA 625.1	-88	-88	41	120	
2020/21-PRE	Lab	method blank	9/17/2020	Pesticide	Pentachlorophenol	n/a	<	0.4	µg/L	EPA 625.1	0.4	1			
2020/21-PRE	Tubing Blank	equip blank	9/15/2020	Pesticide	Pentachlorophenol	n/a	<	0.4	µg/L	EPA 625.1	0.4	1			
2020/21-PRE	000NONPJ	matrix spike	8/24/2020	Pesticide	Prometon	n/a	=	3.94	µg/L	EPA 525.2	0.01	0.1			
2020/21-PRE	000NONPJ	matrix spike, rec	8/24/2020	Pesticide	Prometon	n/a	=	79	%	EPA 525.2	-88	-88	15	120	
2020/21-PRE	000NONPJ	matrix spike dup	8/24/2020	Pesticide	Prometon	n/a	=	4.24	µg/L	EPA 525.2	0.01	0.1			
2020/21-PRE	000NONPJ	matrix spike dup, rec	8/24/2020	Pesticide	Prometon	n/a	=	85	%	EPA 525.2	-88	-88	15	120	
2020/21-PRE	000NONPJ	matrix spike, RPD	8/24/2020	Pesticide	Prometon	n/a	=	7	%	EPA 525.2	-88	-88	0	30	
2020/21-PRE	Carboy Blank	equip blank	8/25/2020	Pesticide	Prometon	n/a	<	0.01	µg/L	EPA 525.2	0.01	0.1			
2020/21-PRE	Lab	method blank	8/24/2020	Pesticide	Prometon	n/a	<	0.01	µg/L	EPA 525.2	0.01	0.1			
2020/21-PRE	Lab	LCS	8/24/2020	Pesticide	Prometon	n/a	=	2.19	µg/L	EPA 525.2	0.01	0.1			
2020/21-PRE	Lab	LCS, rec	8/24/2020	Pesticide	Prometon	n/a	=	44	%	EPA 525.2	-88	-88	15	120	
2020/21-PRE	Tubing Blank	equip blank	8/25/2020	Pesticide	Prometon	n/a	<	0.01	µg/L	EPA 525.2	0.01	0.1			
2020/21-PRE	000NONPJ	matrix spike	8/24/2020	Pesticide	Prometryn	n/a	=	4.7	µg/L	EPA 525.2	0.03	0.1			
2020/21-PRE	000NONPJ	matrix spike, rec	8/24/2020	Pesticide	Prometryn	n/a	=	94	%	EPA 525.2	-88	-88	30	120	
2020/21-PRE	000NONPJ	matrix spike dup	8/24/2020	Pesticide	Prometryn	n/a	=	4.79	µg/L	EPA 525.2	0.03	0.1			
2020/21-PRE	000NONPJ	matrix spike dup, rec	8/24/2020	Pesticide	Prometryn	n/a	=	96	%	EPA 525.2	-88	-88	30	120	
2020/21-PRE	000NONPJ	matrix spike, RPD	8/24/2020	Pesticide	Prometryn	n/a	=	2	%	EPA 525.2	-88	-88	0	30	
2020/21-PRE	Carboy Blank	equip blank	8/25/2020	Pesticide	Prometryn	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1			
2020/21-PRE	Lab	method blank	8/24/2020	Pesticide	Prometryn	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1			
2020/21-PRE	Lab	LCS	8/24/2020	Pesticide	Prometryn	n/a	=	3.68	µg/L	EPA 525.2	0.03	0.1			
2020/21-PRE	Lab	LCS, rec	8/24/2020	Pesticide	Prometryn	n/a	=	74	%	EPA 525.2	-88	-88	30	120	
2020/21-PRE	Tubing Blank	equip blank	8/25/2020	Pesticide	Prometryn	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1			
2020/21-PRE	000NONPJ	matrix spike	8/24/2020	Pesticide	Simazine	n/a	=	4.71	µg/L	EPA 525.2	0.02	0.1			
2020/21-PRE	000NONPJ	matrix spike, rec	8/24/2020	Pesticide	Simazine	n/a	=	94	%	EPA 525.2	-88	-88	60	130	
2020/21-PRE	000NONPJ	matrix spike dup	8/24/2020	Pesticide	Simazine	n/a	=	4.78	µg/L	EPA 525.2	0.02	0.1			
2020/21-PRE	000NONPJ	matrix spike dup, rec	8/24/2020	Pesticide	Simazine	n/a	=	96	%	EPA 525.2	-88	-88	60	130	
2020/21-PRE	000NONPJ	matrix spike, RPD	8/24/2020	Pesticide	Simazine	n/a	=	1	%	EPA 525.2	-88	-88	0	30	
2020/21-PRE	Carboy Blank	equip blank	8/25/2020	Pesticide	Simazine	n/a	<	0.02	µg/L	EPA 525.2	0.02	0.1			
2020/21-PRE	Lab	method blank	8/24/2020	Pesticide	Simazine	n/a	<	0.02	µg/L	EPA 525.2	0.02	0.1			
2020/21-PRE	Lab	LCS	8/24/2020	Pesticide	Simazine	n/a	=	5.49	µg/L	EPA 525.2	0.02	0.1			
2020/21-PRE	Lab	LCS, rec	8/24/2020	Pesticide	Simazine	n/a	=	110	%	EPA 525.2	-88	-88	60	130	
2020/21-PRE	Tubing Blank	equip blank	8/25/2020	Pesticide	Simazine	n/a	<	0.02	µg/L	EPA 525.2	0.02	0.1			
2020/21-PRE	000NONPJ	matrix spike	8/24/2020	Pesticide	Terbacil	n/a	=	6.07	µg/L	EPA 525.2	0.09	2			
2020/21-PRE	000NONPJ	matrix spike, rec	8/24/2020	Pesticide	Terbacil	n/a	=	121	%	EPA 525.2	-88	-88	70	130	
2020/21-PRE	000NONPJ	matrix spike dup	8/24/2020	Pesticide	Terbacil	n/a	=	5.81	µg/L	EPA 525.2	0.09	2			
2020/21-PRE	000NONPJ	matrix spike dup, rec	8/24/2020	Pesticide	Terbacil	n/a	=	116	%	EPA 525.2	-88	-88	70	130	
2020/21-PRE	000NONPJ	matrix spike, RPD	8/24/2020	Pesticide	Terbacil	n/a	=	4	%	EPA 525.2	-88	-88	0	30	
2020/21-PRE	Carboy Blank	equip blank	8/25/2020	Pesticide	Terbacil	n/a	<	0.09	µg/L	EPA 525.2	0.09	2			
2020/21-PRE	Lab	method blank	8/24/2020	Pesticide	Terbacil	n/a	<	0.09	µg/L	EPA 525.2	0.09	2			
2020/21-PRE	Lab	LCS	8/24/2020	Pesticide	Terbacil	n/a	=	6.24	µg/L	EPA 525.2	0.09	2			
2020/21-PRE	Lab	LCS, rec	8/24/2020	Pesticide	Terbacil	n/a	=	125	%	EPA 525.2	-88	-88	70	130	
2020/21-PRE	Tubing Blank	equip blank	8/25/2020	Pesticide	Terbacil	n/a	<	0.09	µg/L	EPA 525.2	0.09	2			
2020/21-PRE	000NONPJ	matrix spike	8/24/2020	Pesticide	Thiobencarb	n/a	=	5.54	µg/L	EPA 525.2	0.03	0.1			
2020/21-PRE	000NONPJ	matrix spike, rec	8/24/2020	Pesticide	Thiobencarb	n/a	=	111	%	EPA 525.2	-88	-88	70	130	
2020/21-PRE	000NONPJ	matrix spike dup	8/24/2020	Pesticide	Thiobencarb	n/a	=	5.55	µg/L	EPA 525.2	0.03	0.1			

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Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2020/21-PRE	000NONPJ	matrix spike dup, rec	8/24/2020	Pesticide	Thiobencarb	n/a	=	111	%	EPA 525.2	-88	-88	70	130	
2020/21-PRE	000NONPJ	matrix spike, RPD	8/24/2020	Pesticide	Thiobencarb	n/a	=	0.3	%	EPA 525.2	-88	-88	0	30	
2020/21-PRE	Carboy Blank	equip blank	8/25/2020	Pesticide	Thiobencarb	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1			
2020/21-PRE	Lab	method blank	8/24/2020	Pesticide	Thiobencarb	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1			
2020/21-PRE	Lab	LCS	8/24/2020	Pesticide	Thiobencarb	n/a	=	5.74	µg/L	EPA 525.2	0.03	0.1			
2020/21-PRE	Lab	LCS, rec	8/24/2020	Pesticide	Thiobencarb	n/a	=	115	%	EPA 525.2	-88	-88	70	130	
2020/21-PRE	Tubing Blank	equip blank	8/25/2020	Pesticide	Thiobencarb	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1			
2020/21-PRE	000NONPJ	matrix spike	8/24/2020	Pesticide	Trithion	n/a	=	5	µg/L	EPA 525.2	0.02	0.1			
2020/21-PRE	000NONPJ	matrix spike, rec	8/24/2020	Pesticide	Trithion	n/a	=	100	%	EPA 525.2	-88	-88	70	130	
2020/21-PRE	000NONPJ	matrix spike dup	8/24/2020	Pesticide	Trithion	n/a	=	5.07	µg/L	EPA 525.2	0.02	0.1			
2020/21-PRE	000NONPJ	matrix spike dup, rec	8/24/2020	Pesticide	Trithion	n/a	=	101	%	EPA 525.2	-88	-88	70	130	
2020/21-PRE	000NONPJ	matrix spike, RPD	8/24/2020	Pesticide	Trithion	n/a	=	1	%	EPA 525.2	-88	-88	0	30	
2020/21-PRE	Carboy Blank	equip blank	8/25/2020	Pesticide	Trithion	n/a	<	0.02	µg/L	EPA 525.2	0.02	0.1			
2020/21-PRE	Lab	method blank	8/24/2020	Pesticide	Trithion	n/a	<	0.02	µg/L	EPA 525.2	0.02	0.1			
2020/21-PRE	Lab	LCS	8/24/2020	Pesticide	Trithion	n/a	=	4.74	µg/L	EPA 525.2	0.02	0.1			
2020/21-PRE	Lab	LCS, rec	8/24/2020	Pesticide	Trithion	n/a	=	95	%	EPA 525.2	-88	-88	70	130	
2020/21-PRE	Tubing Blank	equip blank	8/25/2020	Pesticide	Trithion	n/a	<	0.02	µg/L	EPA 525.2	0.02	0.1			
2021-DRY	DRY-OJA7	matrix spike	8/23/2021	Cation	Calcium	Total	=	247	mg/L	EPA 200.7	0.16	0.5			
2021-DRY	DRY-OJA7	matrix spike, rec	8/23/2021	Cation	Calcium	Total	=	100	%	EPA 200.7	-88	-88	70	130	
2021-DRY	DRY-OJA7	matrix spike dup	8/23/2021	Cation	Calcium	Total	=	248	mg/L	EPA 200.7	0.16	0.5			
2021-DRY	DRY-OJA7	matrix spike dup, rec	8/23/2021	Cation	Calcium	Total	=	104	%	EPA 200.7	-88	-88	70	130	
2021-DRY	DRY-OJA7	matrix spike, RPD	8/23/2021	Cation	Calcium	Total	=	0.7	%	EPA 200.7	-88	-88	0	30	
2021-DRY	Lab	method blank	8/23/2021	Cation	Calcium	Total	<	0.16	mg/L	EPA 200.7	0.16	0.5			
2021-DRY	Lab	LCS	8/23/2021	Cation	Calcium	Total	=	52.3	mg/L	EPA 200.7	0.16	0.5			
2021-DRY	Lab	LCS, rec	8/23/2021	Cation	Calcium	Total	=	105	%	EPA 200.7	-88	-88	85	115	
2021-DRY	MO-FIL	matrix spike	8/23/2021	Cation	Calcium	Total	=	250	mg/L	EPA 200.7	0.16	0.5			
2021-DRY	MO-FIL	matrix spike, rec	8/23/2021	Cation	Calcium	Total	=	94	%	EPA 200.7	-88	-88	70	130	
2021-DRY	MO-FIL	matrix spike dup	8/23/2021	Cation	Calcium	Total	=	253	mg/L	EPA 200.7	0.16	0.5			
2021-DRY	MO-FIL	matrix spike dup, rec	8/23/2021	Cation	Calcium	Total	=	100	%	EPA 200.7	-88	-88	70	130	
2021-DRY	MO-FIL	matrix spike, RPD	8/23/2021	Cation	Calcium	Total	=	1	%	EPA 200.7	-88	-88	0	30	
2021-DRY	DRY-OJA7	matrix spike	8/23/2021	Cation	Magnesium	Total	=	98.1	mg/L	EPA 200.7	0.039	0.5			
2021-DRY	DRY-OJA7	matrix spike, rec	8/23/2021	Cation	Magnesium	Total	=	104	%	EPA 200.7	-88	-88	70	130	
2021-DRY	DRY-OJA7	matrix spike dup	8/23/2021	Cation	Magnesium	Total	=	98.9	mg/L	EPA 200.7	0.039	0.5			
2021-DRY	DRY-OJA7	matrix spike dup, rec	8/23/2021	Cation	Magnesium	Total	=	106	%	EPA 200.7	-88	-88	70	130	
2021-DRY	DRY-OJA7	matrix spike, RPD	8/23/2021	Cation	Magnesium	Total	=	0.8	%	EPA 200.7	-88	-88	0	30	
2021-DRY	Lab	method blank	8/23/2021	Cation	Magnesium	Total	<	0.039	mg/L	EPA 200.7	0.039	0.5			
2021-DRY	Lab	LCS	8/23/2021	Cation	Magnesium	Total	=	51.2	mg/L	EPA 200.7	0.039	0.5			
2021-DRY	Lab	LCS, rec	8/23/2021	Cation	Magnesium	Total	=	102	%	EPA 200.7	-88	-88	85	115	
2021-DRY	MO-FIL	matrix spike	8/23/2021	Cation	Magnesium	Total	=	112	mg/L	EPA 200.7	0.039	0.5			
2021-DRY	MO-FIL	matrix spike, rec	8/23/2021	Cation	Magnesium	Total	=	103	%	EPA 200.7	-88	-88	70	130	
2021-DRY	MO-FIL	matrix spike dup	8/23/2021	Cation	Magnesium	Total	=	113	mg/L	EPA 200.7	0.039	0.5			
2021-DRY	MO-FIL	matrix spike dup, rec	8/23/2021	Cation	Magnesium	Total	=	105	%	EPA 200.7	-88	-88	70	130	
2021-DRY	MO-FIL	matrix spike, RPD	8/23/2021	Cation	Magnesium	Total	=	0.9	%	EPA 200.7	-88	-88	0	30	
2021-DRY	000NONPJ	matrix spike	9/2/2021	Conventional	Total Organic Carbon	n/a	=	7.39	mg/L	SM 5310 B	0.19	0.3			
2021-DRY	000NONPJ	matrix spike dup	9/2/2021	Conventional	Total Organic Carbon	n/a	=	8.15	mg/L	SM 5310 B	0.19	0.3			GB
2021-DRY	000NONPJ	matrix spike dup, rec	9/2/2021	Conventional	Total Organic Carbon	n/a	=	119	%	SM 5310 B	-88	-88	76	115	GB
2021-DRY	000NONPJ	matrix spike, rec	9/2/2021	Conventional	Total Organic Carbon	n/a	=	104	%	SM 5310 B	-88	-88	76	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	
2021-DRY	000NONPJ	matrix spike, RPD	9/2/2021	Conventional	Total Organic Carbon	n/a	=	10	%	SM 5310 B	-88	-88	0	20	GB
2021-DRY	Lab	LCS	9/2/2021	Conventional	Total Organic Carbon	n/a	=	0.869	mg/L	SM 5310 B	0.19	0.3			
2021-DRY	Lab	LCS, rec	9/2/2021	Conventional	Total Organic Carbon	n/a	=	87	%	SM 5310 B	-88	-88	85	115	
2021-DRY	Lab	method blank	9/2/2021	Conventional	Total Organic Carbon	n/a	<	0.19	mg/L	SM 5310 B	0.19	0.3			
2021-DRY	000NONPJ	matrix spike	8/26/2021	Metal	Copper	Dissolved	=	53	µg/L	EPA 200.8	0.23	0.5			
2021-DRY	000NONPJ	matrix spike, rec	8/26/2021	Metal	Copper	Dissolved	=	105	%	EPA 200.8	-88	-88	70	130	
2021-DRY	000NONPJ	matrix spike dup	8/26/2021	Metal	Copper	Dissolved	=	54.2	µg/L	EPA 200.8	0.23	0.5			
2021-DRY	000NONPJ	matrix spike dup, rec	8/26/2021	Metal	Copper	Dissolved	=	108	%	EPA 200.8	-88	-88	70	130	
2021-DRY	000NONPJ	matrix spike, RPD	8/26/2021	Metal	Copper	Dissolved	=	2	%	EPA 200.8	-88	-88	0	30	
2021-DRY	000NONPJ	matrix spike	8/26/2021	Metal	Copper	Dissolved	=	53.3	µg/L	EPA 200.8	0.23	0.5			
2021-DRY	000NONPJ	matrix spike, rec	8/26/2021	Metal	Copper	Dissolved	=	106	%	EPA 200.8	-88	-88	70	130	
2021-DRY	000NONPJ	matrix spike dup	8/26/2021	Metal	Copper	Dissolved	=	53.3	µg/L	EPA 200.8	0.23	0.5			
2021-DRY	000NONPJ	matrix spike dup, rec	8/26/2021	Metal	Copper	Dissolved	=	106	%	EPA 200.8	-88	-88	70	130	
2021-DRY	000NONPJ	matrix spike, RPD	8/26/2021	Metal	Copper	Dissolved	=	0.04	%	EPA 200.8	-88	-88	0	30	
2021-DRY	Lab	method blank	8/26/2021	Metal	Copper	Dissolved	<	0.23	µg/L	EPA 200.8	0.23	0.5			
2021-DRY	Lab	LCS	8/26/2021	Metal	Copper	Dissolved	=	53.7	µg/L	EPA 200.8	0.23	0.5			
2021-DRY	Lab	LCS, rec	8/26/2021	Metal	Copper	Dissolved	=	107	%	EPA 200.8	-88	-88	85	115	
2021-DRY	000NONPJ	matrix spike	8/26/2021	Metal	Lead	Dissolved	=	49.3	µg/L	EPA 200.8	0.083	0.2			
2021-DRY	000NONPJ	matrix spike, rec	8/26/2021	Metal	Lead	Dissolved	=	99	%	EPA 200.8	-88	-88	70	130	
2021-DRY	000NONPJ	matrix spike dup	8/26/2021	Metal	Lead	Dissolved	=	49.4	µg/L	EPA 200.8	0.083	0.2			
2021-DRY	000NONPJ	matrix spike dup, rec	8/26/2021	Metal	Lead	Dissolved	=	99	%	EPA 200.8	-88	-88	70	130	
2021-DRY	000NONPJ	matrix spike, RPD	8/26/2021	Metal	Lead	Dissolved	=	0.1	%	EPA 200.8	-88	-88	0	30	
2021-DRY	000NONPJ	matrix spike	8/26/2021	Metal	Lead	Dissolved	=	49.3	µg/L	EPA 200.8	0.083	0.2			
2021-DRY	000NONPJ	matrix spike, rec	8/26/2021	Metal	Lead	Dissolved	=	99	%	EPA 200.8	-88	-88	70	130	
2021-DRY	000NONPJ	matrix spike dup	8/26/2021	Metal	Lead	Dissolved	=	49	µg/L	EPA 200.8	0.083	0.2			
2021-DRY	000NONPJ	matrix spike dup, rec	8/26/2021	Metal	Lead	Dissolved	=	98	%	EPA 200.8	-88	-88	70	130	
2021-DRY	000NONPJ	matrix spike, RPD	8/26/2021	Metal	Lead	Dissolved	=	0.7	%	EPA 200.8	-88	-88	0	30	
2021-DRY	Lab	method blank	8/26/2021	Metal	Lead	Dissolved	<	0.083	µg/L	EPA 200.8	0.083	0.2			
2021-DRY	Lab	LCS	8/26/2021	Metal	Lead	Dissolved	=	50.1	µg/L	EPA 200.8	0.083	0.2			
2021-DRY	Lab	LCS, rec	8/26/2021	Metal	Lead	Dissolved	=	100	%	EPA 200.8	-88	-88	85	115	
2021-DRY	000NONPJ	matrix spike	8/26/2021	Metal	Zinc	Dissolved	=	51.4	µg/L	EPA 200.8	0.8	10			
2021-DRY	000NONPJ	matrix spike, rec	8/26/2021	Metal	Zinc	Dissolved	=	101	%	EPA 200.8	-88	-88	70	130	
2021-DRY	000NONPJ	matrix spike dup	8/26/2021	Metal	Zinc	Dissolved	=	50.7	µg/L	EPA 200.8	0.8	10			
2021-DRY	000NONPJ	matrix spike dup, rec	8/26/2021	Metal	Zinc	Dissolved	=	100	%	EPA 200.8	-88	-88	70	130	
2021-DRY	000NONPJ	matrix spike, RPD	8/26/2021	Metal	Zinc	Dissolved	=	1	%	EPA 200.8	-88	-88	0	30	
2021-DRY	000NONPJ	matrix spike	8/26/2021	Metal	Zinc	Dissolved	=	50.4	µg/L	EPA 200.8	0.8	10			
2021-DRY	000NONPJ	matrix spike, rec	8/26/2021	Metal	Zinc	Dissolved	=	99	%	EPA 200.8	-88	-88	70	130	
2021-DRY	000NONPJ	matrix spike dup	8/26/2021	Metal	Zinc	Dissolved	=	50.7	µg/L	EPA 200.8	0.8	10			
2021-DRY	000NONPJ	matrix spike dup, rec	8/26/2021	Metal	Zinc	Dissolved	=	99	%	EPA 200.8	-88	-88	70	130	
2021-DRY	000NONPJ	matrix spike, RPD	8/26/2021	Metal	Zinc	Dissolved	=	0.7	%	EPA 200.8	-88	-88	0	30	
2021-DRY	Lab	method blank	8/26/2021	Metal	Zinc	Dissolved	DNQ	0.995	µg/L	EPA 200.8	0.8	10			IP
2021-DRY	Lab	LCS	8/26/2021	Metal	Zinc	Dissolved	=	50.5	µg/L	EPA 200.8	0.8	10			
2021-DRY	Lab	LCS, rec	8/26/2021	Metal	Zinc	Dissolved	=	101	%	EPA 200.8	-88	-88	85	115	
PS-2021	000NONPJ	matrix spike	4/15/2021	Conventional	Total Organic Carbon	n/a	=	39.68	mg/L	SM 5310 B	0.72	4			
PS-2021	000NONPJ	matrix spike dup	4/15/2021	Conventional	Total Organic Carbon	n/a	=	47.66	mg/L	SM 5310 B	0.72	4			
PS-2021	000NONPJ	matrix spike dup, rec	4/15/2021	Conventional	Total Organic Carbon	n/a	=	117	%	SM 5310 B	-88	-88	75	125	
PS-2021	000NONPJ	matrix spike, rec	4/15/2021	Conventional	Total Organic Carbon	n/a	=	97	%	SM 5310 B	-88	-88	75	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	
PS-2021	000NONPJ	matrix spike, RPD	4/15/2021	Conventional	Total Organic Carbon	n/a	=	18	%	SM 5310 B	-88	-88	0	25	
PS-2021	Lab	LCS	4/2/2021	Conventional	Total Organic Carbon	n/a	=	393000	mg/Kg ww	EPA 9060	36	200			
PS-2021	Lab	LCS, rec	4/2/2021	Conventional	Total Organic Carbon	n/a	=	98	%	EPA 9060	-88	-88	80	120	
PS-2021	Lab	method blank	4/2/2021	Conventional	Total Organic Carbon	n/a	<	36	mg/Kg ww	EPA 9060	36	200			
PS-2021	Lab	LCS	4/14/2021	Conventional	Total Organic Carbon	n/a	=	9.883	mg/L	SM 5310 B	0.18	1			
PS-2021	Lab	LCS, rec	4/14/2021	Conventional	Total Organic Carbon	n/a	=	99	%	SM 5310 B	-88	-88	80	120	
PS-2021	Lab	method blank	4/14/2021	Conventional	Total Organic Carbon	n/a	<	0.18	mg/L	SM 5310 B	0.18	1			
PS-2021	Trowel EB	equip blank	4/15/2021	Conventional	Total Organic Carbon	n/a	DNQ	0.49	mg/L	SM 5310 B	0.18	1			
PS-2021	VR Down	field duplicate	4/2/2021	Conventional	Total Organic Carbon	n/a	=	28900	mg/Kg dw	EPA 9060	64.4	358			
PS-2021	VR Down	matrix spike	4/2/2021	Conventional	Total Organic Carbon	n/a	=	49100	mg/Kg dw	EPA 9060	53.4	297			
PS-2021	VR Down	matrix spike dup	4/2/2021	Conventional	Total Organic Carbon	n/a	=	46900	mg/Kg dw	EPA 9060	53.4	297			
PS-2021	VR Down	matrix spike dup, rec	4/2/2021	Conventional	Total Organic Carbon	n/a	=	93	%	EPA 9060	-88	-88	75	125	
PS-2021	VR Down	matrix spike, rec	4/2/2021	Conventional	Total Organic Carbon	n/a	=	102	%	EPA 9060	-88	-88	75	125	
PS-2021	VR Down	matrix spike, RPD	4/2/2021	Conventional	Total Organic Carbon	n/a	=	4	%	EPA 9060	-88	-88	0	25	
PS-2021	000NONPJ	lab duplicate	5/3/2021	Conventional	Total Solids	Total	=	86.2	%	EPA 160.3	-88	0.1			
PS-2021	000NONPJ	lab duplicate, RPD	5/3/2021	Conventional	Total Solids	Total	=	0.8	%	EPA 160.3	-88	-88	0	20	
PS-2021	VR Down	field duplicate	5/3/2021	Conventional	Total Solids	Total	=	55.9	%	EPA 160.3	-88	0.1			H
PS-2021	000NONPJ	srgt matrix spike	4/3/2021	Organic	Perylene-d12	n/a	=	2.05	µg/L	PythrdGCMS-SIM	-88	-88			DG
PS-2021	000NONPJ	srgt matrix spike, rec	4/3/2021	Organic	Perylene-d12	n/a	=	82	%	PythrdGCMS-SIM	-88	-88	2	205	DG
PS-2021	000NONPJ	srgt environ	4/3/2021	Organic	Perylene-d12	n/a	=	1.62	µg/L	PythrdGCMS-SIM	-88	-88			DG
PS-2021	000NONPJ	srgt environ, rec	4/3/2021	Organic	Perylene-d12	n/a	=	65	%	PythrdGCMS-SIM	-88	-88	2	205	DG
PS-2021	Lab	srgt method blank	3/26/2021	Organic	Perylene-d12	n/a	=	45.2	ng/g ww	PythrdGCMS-SIM	-88	-88			
PS-2021	Lab	srgt method blank, rec	3/26/2021	Organic	Perylene-d12	n/a	=	90	%	PythrdGCMS-SIM	-88	-88	2	205	
PS-2021	Lab	srgt LCS	3/26/2021	Organic	Perylene-d12	n/a	=	50.3	ng/g ww	PythrdGCMS-SIM	-88	-88			
PS-2021	Lab	srgt LCS, rec	3/26/2021	Organic	Perylene-d12	n/a	=	101	%	PythrdGCMS-SIM	-88	-88	2	205	
PS-2021	Lab	srgt method blank	4/3/2021	Organic	Perylene-d12	n/a	=	0.197	µg/L	PythrdGCMS-SIM	-88	-88			
PS-2021	Lab	srgt method blank, rec	4/3/2021	Organic	Perylene-d12	n/a	=	79	%	PythrdGCMS-SIM	-88	-88	2	205	
PS-2021	Lab	srgt LCS	4/3/2021	Organic	Perylene-d12	n/a	=	0.2	µg/L	PythrdGCMS-SIM	-88	-88			
PS-2021	Lab	srgt LCS, rec	4/3/2021	Organic	Perylene-d12	n/a	=	80	%	PythrdGCMS-SIM	-88	-88	2	205	
PS-2021	ME-CC	srgt environ	3/27/2021	Organic	Perylene-d12	n/a	=	94.1	ng/g ww	PythrdGCMS-SIM	-88	-88			DG
PS-2021	ME-CC	srgt environ	3/27/2021	Organic	Perylene-d12	n/a	=	124	ng/g dw	PythrdGCMS-SIM	-88	-88			DG,H
PS-2021	ME-CC	srgt environ, rec	3/27/2021	Organic	Perylene-d12	n/a	=	89	%	PythrdGCMS-SIM	-88	-88	2	205	DG
PS-2021	SCR Down-a	srgt environ	3/27/2021	Organic	Perylene-d12	n/a	=	84.9	ng/g ww	PythrdGCMS-SIM	-88	-88			DG
PS-2021	SCR Down-a	srgt environ	3/27/2021	Organic	Perylene-d12	n/a	=	161	ng/g dw	PythrdGCMS-SIM	-88	-88			DG,H
PS-2021	SCR Down-a	srgt environ, rec	3/27/2021	Organic	Perylene-d12	n/a	=	86	%	PythrdGCMS-SIM	-88	-88	2	205	
PS-2021	SCR Up	srgt environ	3/27/2021	Organic	Perylene-d12	n/a	=	101	ng/g ww	PythrdGCMS-SIM	-88	-88			DG
PS-2021	SCR Up	srgt environ	3/27/2021	Organic	Perylene-d12	n/a	=	162	ng/g dw	PythrdGCMS-SIM	-88	-88			DG,H
PS-2021	SCR Up	srgt environ, rec	3/27/2021	Organic	Perylene-d12	n/a	=	100	%	PythrdGCMS-SIM	-88	-88	2	205	DG
PS-2021	Trowel EB	srgt equip blank	4/3/2021	Organic	Perylene-d12	n/a	=	0.21	µg/L	PythrdGCMS-SIM	-88	-88			
PS-2021	Trowel EB	srgt equip blank, rec	4/3/2021	Organic	Perylene-d12	n/a	=	84	%	PythrdGCMS-SIM	-88	-88	2	205	
PS-2021	VR Down	srgt environ	3/27/2021	Organic	Perylene-d12	n/a	=	88.9	ng/g ww	PythrdGCMS-SIM	-88	-88			DG
PS-2021	VR Down	srgt environ	3/27/2021	Organic	Perylene-d12	n/a	=	132	ng/g dw	PythrdGCMS-SIM	-88	-88			DG,H
PS-2021	VR Down	srgt environ, rec	3/27/2021	Organic	Perylene-d12	n/a	=	84	%	PythrdGCMS-SIM	-88	-88	2	205	DG
PS-2021	VR Down	srgt field duplicate	3/27/2021	Organic	Perylene-d12	n/a	=	151	ng/g dw	PythrdGCMS-SIM	-88	-88			DG,H
PS-2021	VR Down	srgt field duplicate	3/27/2021	Organic	Perylene-d12	n/a	=	84.3	ng/g ww	PythrdGCMS-SIM	-88	-88			DG
PS-2021	VR Down	srgt field duplicate, rec	3/27/2021	Organic	Perylene-d12	n/a	=	91	%	PythrdGCMS-SIM	-88	-88	2	205	DG
PS-2021	VR Up	srgt matrix spike	3/27/2021	Organic	Perylene-d12	n/a	=	234	ng/g dw	PythrdGCMS-SIM	-88	-88			DG,H

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
PS-2021	VR Up	srgt matrix spike, rec	3/27/2021	Organic	Perylene-d12	n/a	=	102	%	PythrhdGCMS-SIM	-88	-88	2	205	DG
PS-2021	VR Up	srgt matrix spike dup	3/27/2021	Organic	Perylene-d12	n/a	=	221	ng/g dw	PythrhdGCMS-SIM	-88	-88			DG,H
PS-2021	VR Up	srgt matrix spike dup, rec	3/27/2021	Organic	Perylene-d12	n/a	=	99	%	PythrhdGCMS-SIM	-88	-88	2	205	DG
PS-2021	VR Up	srgt environ	3/27/2021	Organic	Perylene-d12	n/a	=	109	ng/g ww	PythrhdGCMS-SIM	-88	-88			DG
PS-2021	VR Up	srgt environ	3/27/2021	Organic	Perylene-d12	n/a	=	211	ng/g dw	PythrhdGCMS-SIM	-88	-88			DG,H
PS-2021	VR Up	srgt environ, rec	3/27/2021	Organic	Perylene-d12	n/a	=	103	%	PythrhdGCMS-SIM	-88	-88	2	205	DG
PS-2021	000NONPJ	srgt matrix spike	4/3/2021	Organic	Triphenylphosphate	n/a	=	2.22	µg/L	PythrhdGCMS-SIM	-88	-88			DG
PS-2021	000NONPJ	srgt matrix spike, rec	4/3/2021	Organic	Triphenylphosphate	n/a	=	89	%	PythrhdGCMS-SIM	-88	-88	6	122	DG
PS-2021	000NONPJ	srgt environ	4/3/2021	Organic	Triphenylphosphate	n/a	=	2	µg/L	PythrhdGCMS-SIM	-88	-88			DG
PS-2021	000NONPJ	srgt environ, rec	4/3/2021	Organic	Triphenylphosphate	n/a	=	80	%	PythrhdGCMS-SIM	-88	-88	6	122	DG
PS-2021	Lab	srgt method blank	3/26/2021	Organic	Triphenylphosphate	n/a	=	42.7	ng/g ww	PythrhdGCMS-SIM	-88	-88			
PS-2021	Lab	srgt method blank, rec	3/26/2021	Organic	Triphenylphosphate	n/a	=	85	%	PythrhdGCMS-SIM	-88	-88	6	122	
PS-2021	Lab	srgt LCS	3/26/2021	Organic	Triphenylphosphate	n/a	=	44.8	ng/g ww	PythrhdGCMS-SIM	-88	-88			
PS-2021	Lab	srgt LCS, rec	3/26/2021	Organic	Triphenylphosphate	n/a	=	90	%	PythrhdGCMS-SIM	-88	-88	6	122	
PS-2021	Lab	srgt method blank	4/3/2021	Organic	Triphenylphosphate	n/a	=	0.214	µg/L	PythrhdGCMS-SIM	-88	-88			
PS-2021	Lab	srgt method blank, rec	4/3/2021	Organic	Triphenylphosphate	n/a	=	86	%	PythrhdGCMS-SIM	-88	-88	6	122	
PS-2021	Lab	srgt LCS	4/3/2021	Organic	Triphenylphosphate	n/a	=	0.213	µg/L	PythrhdGCMS-SIM	-88	-88			
PS-2021	Lab	srgt LCS, rec	4/3/2021	Organic	Triphenylphosphate	n/a	=	85	%	PythrhdGCMS-SIM	-88	-88	6	122	
PS-2021	ME-CC	srgt environ	3/27/2021	Organic	Triphenylphosphate	n/a	=	76.8	ng/g ww	PythrhdGCMS-SIM	-88	-88			DG
PS-2021	ME-CC	srgt environ	3/27/2021	Organic	Triphenylphosphate	n/a	=	101	ng/g dw	PythrhdGCMS-SIM	-88	-88			DG,H
PS-2021	ME-CC	srgt environ, rec	3/27/2021	Organic	Triphenylphosphate	n/a	=	72	%	PythrhdGCMS-SIM	-88	-88	6	122	DG
PS-2021	SCR Down-a	srgt environ	3/27/2021	Organic	Triphenylphosphate	n/a	=	129	ng/g dw	PythrhdGCMS-SIM	-88	-88			DG,H
PS-2021	SCR Down-a	srgt environ	3/27/2021	Organic	Triphenylphosphate	n/a	=	67.9	ng/g ww	PythrhdGCMS-SIM	-88	-88			DG
PS-2021	SCR Down-a	srgt environ, rec	3/27/2021	Organic	Triphenylphosphate	n/a	=	69	%	PythrhdGCMS-SIM	-88	-88	6	122	DG
PS-2021	SCR Up	srgt environ	3/27/2021	Organic	Triphenylphosphate	n/a	=	131	ng/g dw	PythrhdGCMS-SIM	-88	-88			DG,H
PS-2021	SCR Up	srgt environ	3/27/2021	Organic	Triphenylphosphate	n/a	=	81.9	ng/g ww	PythrhdGCMS-SIM	-88	-88			DG
PS-2021	SCR Up	srgt environ, rec	3/27/2021	Organic	Triphenylphosphate	n/a	=	82	%	PythrhdGCMS-SIM	-88	-88	6	122	DG
PS-2021	Trowel EB	srgt equip blank	4/3/2021	Organic	Triphenylphosphate	n/a	=	0.212	µg/L	PythrhdGCMS-SIM	-88	-88			
PS-2021	Trowel EB	srgt equip blank, rec	4/3/2021	Organic	Triphenylphosphate	n/a	=	85	%	PythrhdGCMS-SIM	-88	-88	6	222	
PS-2021	VR Down	srgt environ	3/27/2021	Organic	Triphenylphosphate	n/a	=	116	ng/g dw	PythrhdGCMS-SIM	-88	-88			DG,H
PS-2021	VR Down	srgt environ	3/27/2021	Organic	Triphenylphosphate	n/a	=	78	ng/g ww	PythrhdGCMS-SIM	-88	-88			DG
PS-2021	VR Down	srgt environ, rec	3/27/2021	Organic	Triphenylphosphate	n/a	=	73	%	PythrhdGCMS-SIM	-88	-88	6	122	DG
PS-2021	VR Down	srgt field duplicate	3/27/2021	Organic	Triphenylphosphate	n/a	=	119	ng/g dw	PythrhdGCMS-SIM	-88	-88			DG,H
PS-2021	VR Down	srgt field duplicate	3/27/2021	Organic	Triphenylphosphate	n/a	=	66.5	ng/g ww	PythrhdGCMS-SIM	-88	-88			DG
PS-2021	VR Down	srgt field duplicate, rec	3/27/2021	Organic	Triphenylphosphate	n/a	=	72	%	PythrhdGCMS-SIM	-88	-88	6	122	DG
PS-2021	VR Up	srgt matrix spike	3/27/2021	Organic	Triphenylphosphate	n/a	=	186	ng/g dw	PythrhdGCMS-SIM	-88	-88			DG,H
PS-2021	VR Up	srgt matrix spike, rec	3/27/2021	Organic	Triphenylphosphate	n/a	=	81	%	PythrhdGCMS-SIM	-88	-88	6	122	DG
PS-2021	VR Up	srgt matrix spike dup	3/27/2021	Organic	Triphenylphosphate	n/a	=	172	ng/g dw	PythrhdGCMS-SIM	-88	-88			DG,H
PS-2021	VR Up	srgt matrix spike dup, rec	3/27/2021	Organic	Triphenylphosphate	n/a	=	77	%	PythrhdGCMS-SIM	-88	-88	6	122	DG
PS-2021	VR Up	srgt environ	3/27/2021	Organic	Triphenylphosphate	n/a	=	179	ng/g dw	PythrhdGCMS-SIM	-88	-88			DG,H
PS-2021	VR Up	srgt environ	3/27/2021	Organic	Triphenylphosphate	n/a	=	92.2	ng/g ww	PythrhdGCMS-SIM	-88	-88			DG
PS-2021	VR Up	srgt environ, rec	3/27/2021	Organic	Triphenylphosphate	n/a	=	87	%	PythrhdGCMS-SIM	-88	-88	6	122	DG
PS-2021	000NONPJ	matrix spike	4/3/2021	Pesticide	Dichloran	n/a	=	0.446	µg/L	PythrhdGCMS-SIM	0.016	0.04			DG
PS-2021	000NONPJ	matrix spike, rec	4/3/2021	Pesticide	Dichloran	n/a	=	89	%	PythrhdGCMS-SIM	-88	-88	50	150	DG
PS-2021	000NONPJ	lab duplicate	4/3/2021	Pesticide	Dichloran	n/a	<	0.016	µg/L	PythrhdGCMS-SIM	0.016	0.04			DG
PS-2021	000NONPJ	lab duplicate, RPD	4/3/2021	Pesticide	Dichloran	n/a	<	0	%	PythrhdGCMS-SIM	-88	-88	0	25	DG
PS-2021	Lab	method blank	3/26/2021	Pesticide	Dichloran	n/a	<	0.4	ng/g ww	PythrhdGCMS-SIM	0.4	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	
PS-2021	Lab	LCS	3/26/2021	Pesticide	Dichloran	n/a	=	8.98	ng/g ww	PythrdGCMS-SIM	0.4	2			
PS-2021	Lab	LCS, rec	3/26/2021	Pesticide	Dichloran	n/a	=	90	%	PythrdGCMS-SIM	-88	-88	50	150	
PS-2021	Lab	method blank	4/3/2021	Pesticide	Dichloran	n/a	<	0.0008	µg/L	PythrdGCMS-SIM	0.0008	0.002			
PS-2021	Lab	LCS	4/3/2021	Pesticide	Dichloran	n/a	=	0.0406	µg/L	PythrdGCMS-SIM	0.0008	0.002			
PS-2021	Lab	LCS, rec	4/3/2021	Pesticide	Dichloran	n/a	=	81	%	PythrdGCMS-SIM	-88	-88	50	150	
PS-2021	Trowel EB	equip blank	4/3/2021	Pesticide	Dichloran	n/a	<	0.0008	µg/L	PythrdGCMS-SIM	0.0008	0.002			
PS-2021	VR Down	field duplicate	3/27/2021	Pesticide	Dichloran	n/a	<	7.4	ng/g ww	PythrdGCMS-SIM	7.4	7.4			DG
PS-2021	VR Down	field duplicate	3/27/2021	Pesticide	Dichloran	n/a	<	13	ng/g dw	PythrdGCMS-SIM	13	13			DG,H
PS-2021	VR Up	matrix spike	3/27/2021	Pesticide	Dichloran	n/a	=	38.8	ng/g dw	PythrdGCMS-SIM	3.6	18			DG,H
PS-2021	VR Up	matrix spike, rec	3/27/2021	Pesticide	Dichloran	n/a	=	85	%	PythrdGCMS-SIM	-88	-88	50	150	DG
PS-2021	VR Up	matrix spike dup	3/27/2021	Pesticide	Dichloran	n/a	=	40.5	ng/g dw	PythrdGCMS-SIM	3.6	18			DG,H
PS-2021	VR Up	matrix spike dup, rec	3/27/2021	Pesticide	Dichloran	n/a	=	91	%	PythrdGCMS-SIM	-88	-88	50	150	DG
PS-2021	VR Up	matrix spike, RPD	3/27/2021	Pesticide	Dichloran	n/a	=	4	%	PythrdGCMS-SIM	-88	-88	0	25	DG
PS-2021	000NONPJ	matrix spike	4/3/2021	Pesticide	Pendimethalin	n/a	=	0.434	µg/L	PythrdGCMS-SIM	0.01	0.04			DG
PS-2021	000NONPJ	matrix spike, rec	4/3/2021	Pesticide	Pendimethalin	n/a	=	87	%	PythrdGCMS-SIM	-88	-88	50	150	DG
PS-2021	000NONPJ	lab duplicate	4/3/2021	Pesticide	Pendimethalin	n/a	<	0.01	µg/L	PythrdGCMS-SIM	0.01	0.04			DG
PS-2021	000NONPJ	lab duplicate, RPD	4/3/2021	Pesticide	Pendimethalin	n/a	=	0	%	PythrdGCMS-SIM	-88	-88	0	25	DG
PS-2021	Lab	method blank	3/26/2021	Pesticide	Pendimethalin	n/a	<	0.4	ng/g ww	PythrdGCMS-SIM	0.4	2			
PS-2021	Lab	LCS	3/26/2021	Pesticide	Pendimethalin	n/a	=	8.8	ng/g ww	PythrdGCMS-SIM	0.4	2			
PS-2021	Lab	LCS, rec	3/26/2021	Pesticide	Pendimethalin	n/a	=	88	%	PythrdGCMS-SIM	-88	-88	50	150	
PS-2021	Lab	method blank	4/3/2021	Pesticide	Pendimethalin	n/a	<	0.0005	µg/L	PythrdGCMS-SIM	0.0005	0.002			
PS-2021	Lab	LCS	4/3/2021	Pesticide	Pendimethalin	n/a	=	0.0387	µg/L	PythrdGCMS-SIM	0.0005	0.002			
PS-2021	Lab	LCS, rec	4/3/2021	Pesticide	Pendimethalin	n/a	=	77	%	PythrdGCMS-SIM	-88	-88	50	150	
PS-2021	Trowel EB	equip blank	4/3/2021	Pesticide	Pendimethalin	n/a	<	0.0005	µg/L	PythrdGCMS-SIM	0.0005	0.002			
PS-2021	VR Down	field duplicate	3/27/2021	Pesticide	Pendimethalin	n/a	<	7.4	ng/g ww	PythrdGCMS-SIM	7.4	7.4			DG
PS-2021	VR Down	field duplicate	3/27/2021	Pesticide	Pendimethalin	n/a	<	13	ng/g dw	PythrdGCMS-SIM	13	13			DG,H
PS-2021	VR Up	matrix spike	3/27/2021	Pesticide	Pendimethalin	n/a	=	37.1	ng/g dw	PythrdGCMS-SIM	3.6	18			DG,H
PS-2021	VR Up	matrix spike, rec	3/27/2021	Pesticide	Pendimethalin	n/a	=	81	%	PythrdGCMS-SIM	-88	-88	50	150	DG
PS-2021	VR Up	matrix spike dup	3/27/2021	Pesticide	Pendimethalin	n/a	=	39.5	ng/g dw	PythrdGCMS-SIM	3.6	18			DG,H
PS-2021	VR Up	matrix spike dup, rec	3/27/2021	Pesticide	Pendimethalin	n/a	=	89	%	PythrdGCMS-SIM	-88	-88	50	150	DG
PS-2021	VR Up	matrix spike, RPD	3/27/2021	Pesticide	Pendimethalin	n/a	=	6	%	PythrdGCMS-SIM	-88	-88	0	25	DG
PS-2021	000NONPJ	matrix spike	4/3/2021	Pyrethroid	Allethrin	n/a	=	0.452	µg/L	PythrdGCMS-SIM	0.017	0.04			DG
PS-2021	000NONPJ	matrix spike, rec	4/3/2021	Pyrethroid	Allethrin	n/a	=	90	%	PythrdGCMS-SIM	-88	-88	50	150	DG
PS-2021	000NONPJ	lab duplicate	4/3/2021	Pyrethroid	Allethrin	n/a	<	0.017	µg/L	PythrdGCMS-SIM	0.017	0.04			DG
PS-2021	000NONPJ	lab duplicate, RPD	4/3/2021	Pyrethroid	Allethrin	n/a	=	0	%	PythrdGCMS-SIM	-88	-88	0	25	DG
PS-2021	Lab	method blank	3/26/2021	Pyrethroid	Allethrin	n/a	<	0.4	ng/g ww	PythrdGCMS-SIM	0.4	2			
PS-2021	Lab	LCS	3/26/2021	Pyrethroid	Allethrin	n/a	=	9.13	ng/g ww	PythrdGCMS-SIM	0.4	2			
PS-2021	Lab	LCS, rec	3/26/2021	Pyrethroid	Allethrin	n/a	=	91	%	PythrdGCMS-SIM	-88	-88	50	150	
PS-2021	Lab	method blank	4/3/2021	Pyrethroid	Allethrin	n/a	<	0.0008	µg/L	PythrdGCMS-SIM	0.0008	0.002			
PS-2021	Lab	LCS	4/3/2021	Pyrethroid	Allethrin	n/a	=	0.0401	µg/L	PythrdGCMS-SIM	0.0008	0.002			
PS-2021	Lab	LCS, rec	4/3/2021	Pyrethroid	Allethrin	n/a	=	80	%	PythrdGCMS-SIM	-88	-88	50	150	
PS-2021	Trowel EB	equip blank	4/3/2021	Pyrethroid	Allethrin	n/a	<	0.0008	µg/L	PythrdGCMS-SIM	0.0008	0.002			
PS-2021	VR Down	field duplicate	3/27/2021	Pyrethroid	Allethrin	n/a	<	7.4	ng/g ww	PythrdGCMS-SIM	7.4	7.4			DG
PS-2021	VR Down	field duplicate	3/27/2021	Pyrethroid	Allethrin	n/a	<	13	ng/g dw	PythrdGCMS-SIM	13	13			DG,H
PS-2021	VR Up	matrix spike	3/27/2021	Pyrethroid	Allethrin	n/a	=	48.5	ng/g dw	PythrdGCMS-SIM	3.6	18			DG,H
PS-2021	VR Up	matrix spike, rec	3/27/2021	Pyrethroid	Allethrin	n/a	=	106	%	PythrdGCMS-SIM	-88	-88	50	150	DG
PS-2021	VR Up	matrix spike dup	3/27/2021	Pyrethroid	Allethrin	n/a	=	41.3	ng/g dw	PythrdGCMS-SIM	3.6	18			DG,H

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
PS-2021	VR Up	matrix spike dup. rec	3/27/2021	Pyrethroid	Allethrin	n/a	=	93	%	PythrGCMS-SIM	-88	-88	50	150	DG
PS-2021	VR Up	matrix spike, RPD	3/27/2021	Pyrethroid	Allethrin	n/a	=	16	%	PythrGCMS-SIM	-88	-88	0	25	DG
PS-2021	000NONPJ	matrix spike	4/3/2021	Pyrethroid	Bifenthrin	n/a	=	0.398	µg/L	PythrGCMS-SIM	0.016	0.04			DG
PS-2021	000NONPJ	matrix spike, rec	4/3/2021	Pyrethroid	Bifenthrin	n/a	=	80	%	PythrGCMS-SIM	-88	-88	50	150	DG
PS-2021	000NONPJ	lab duplicate	4/3/2021	Pyrethroid	Bifenthrin	n/a	<	0.016	µg/L	PythrGCMS-SIM	0.016	0.04			DG
PS-2021	000NONPJ	lab duplicate, RPD	4/3/2021	Pyrethroid	Bifenthrin	n/a	=	0	%	PythrGCMS-SIM	-88	-88	0	25	DG
PS-2021	Lab	method blank	3/26/2021	Pyrethroid	Bifenthrin	n/a	<	0.4	ng/g ww	PythrGCMS-SIM	0.4	2			
PS-2021	Lab	LCS	3/26/2021	Pyrethroid	Bifenthrin	n/a	=	8.7	ng/g ww	PythrGCMS-SIM	0.4	2			
PS-2021	Lab	LCS, rec	3/26/2021	Pyrethroid	Bifenthrin	n/a	=	87	%	PythrGCMS-SIM	-88	-88	50	150	
PS-2021	Lab	method blank	4/3/2021	Pyrethroid	Bifenthrin	n/a	<	0.0008	µg/L	PythrGCMS-SIM	0.0008	0.002			
PS-2021	Lab	LCS	4/3/2021	Pyrethroid	Bifenthrin	n/a	=	0.04	µg/L	PythrGCMS-SIM	0.0008	0.002			
PS-2021	Lab	LCS, rec	4/3/2021	Pyrethroid	Bifenthrin	n/a	=	80	%	PythrGCMS-SIM	-88	-88	50	150	
PS-2021	Trowel EB	equip blank	4/3/2021	Pyrethroid	Bifenthrin	n/a	<	0.0008	µg/L	PythrGCMS-SIM	0.0008	0.002			
PS-2021	VR Down	field duplicate	3/27/2021	Pyrethroid	Bifenthrin	n/a	<	13	ng/g dw	PythrGCMS-SIM	13	13			DG,H
PS-2021	VR Down	field duplicate	3/27/2021	Pyrethroid	Bifenthrin	n/a	<	7.4	ng/g ww	PythrGCMS-SIM	7.4	7.4			DG
PS-2021	VR Up	matrix spike	3/27/2021	Pyrethroid	Bifenthrin	n/a	=	44.1	ng/g dw	PythrGCMS-SIM	3.6	18			DG,H
PS-2021	VR Up	matrix spike, rec	3/27/2021	Pyrethroid	Bifenthrin	n/a	=	97	%	PythrGCMS-SIM	-88	-88	50	150	DG
PS-2021	VR Up	matrix spike dup	3/27/2021	Pyrethroid	Bifenthrin	n/a	=	39.6	ng/g dw	PythrGCMS-SIM	3.6	18			DG,H
PS-2021	VR Up	matrix spike dup, rec	3/27/2021	Pyrethroid	Bifenthrin	n/a	=	89	%	PythrGCMS-SIM	-88	-88	50	150	DG
PS-2021	VR Up	matrix spike, RPD	3/27/2021	Pyrethroid	Bifenthrin	n/a	=	11	%	PythrGCMS-SIM	-88	-88	0	25	DG
PS-2021	000NONPJ	matrix spike	4/3/2021	Pyrethroid	Cyfluthrin	n/a	=	0.384	µg/L	PythrGCMS-SIM	0.017	0.04			DG
PS-2021	000NONPJ	matrix spike, rec	4/3/2021	Pyrethroid	Cyfluthrin	n/a	=	77	%	PythrGCMS-SIM	-88	-88	50	150	DG
PS-2021	000NONPJ	lab duplicate	4/3/2021	Pyrethroid	Cyfluthrin	n/a	<	0.017	µg/L	PythrGCMS-SIM	0.017	0.04			DG
PS-2021	000NONPJ	lab duplicate, RPD	4/3/2021	Pyrethroid	Cyfluthrin	n/a	=	0	%	PythrGCMS-SIM	-88	-88	0	25	DG
PS-2021	Lab	method blank	3/26/2021	Pyrethroid	Cyfluthrin	n/a	<	0.4	ng/g ww	PythrGCMS-SIM	0.4	2			
PS-2021	Lab	LCS	3/26/2021	Pyrethroid	Cyfluthrin	n/a	=	9.07	ng/g ww	PythrGCMS-SIM	0.4	2			
PS-2021	Lab	LCS, rec	3/26/2021	Pyrethroid	Cyfluthrin	n/a	=	91	%	PythrGCMS-SIM	-88	-88	50	150	
PS-2021	Lab	method blank	4/3/2021	Pyrethroid	Cyfluthrin	n/a	<	0.0008	µg/L	PythrGCMS-SIM	0.0008	0.002			
PS-2021	Lab	LCS	4/3/2021	Pyrethroid	Cyfluthrin	n/a	=	0.0364	µg/L	PythrGCMS-SIM	0.0008	0.002			
PS-2021	Lab	LCS, rec	4/3/2021	Pyrethroid	Cyfluthrin	n/a	=	73	%	PythrGCMS-SIM	-88	-88	50	150	
PS-2021	Trowel EB	equip blank	4/3/2021	Pyrethroid	Cyfluthrin	n/a	<	0.0008	µg/L	PythrGCMS-SIM	0.0008	0.002			
PS-2021	VR Down	field duplicate	3/27/2021	Pyrethroid	Cyfluthrin	n/a	<	7.4	ng/g ww	PythrGCMS-SIM	7.4	7.4			DG
PS-2021	VR Down	field duplicate	3/27/2021	Pyrethroid	Cyfluthrin	n/a	<	13	ng/g dw	PythrGCMS-SIM	13	13			DG,H
PS-2021	VR Up	matrix spike	3/27/2021	Pyrethroid	Cyfluthrin	n/a	=	46.7	ng/g dw	PythrGCMS-SIM	3.6	18			DG,H
PS-2021	VR Up	matrix spike, rec	3/27/2021	Pyrethroid	Cyfluthrin	n/a	=	102	%	PythrGCMS-SIM	-88	-88	50	150	DG
PS-2021	VR Up	matrix spike dup	3/27/2021	Pyrethroid	Cyfluthrin	n/a	=	44.3	ng/g dw	PythrGCMS-SIM	3.6	18			DG,H
PS-2021	VR Up	matrix spike dup, rec	3/27/2021	Pyrethroid	Cyfluthrin	n/a	=	99	%	PythrGCMS-SIM	-88	-88	50	150	DG
PS-2021	VR Up	matrix spike, RPD	3/27/2021	Pyrethroid	Cyfluthrin	n/a	=	5	%	PythrGCMS-SIM	-88	-88	0	25	DG
PS-2021	000NONPJ	matrix spike	4/3/2021	Pyrethroid	Cypermethrin	n/a	=	0.391	µg/L	PythrGCMS-SIM	0.013	0.04			DG
PS-2021	000NONPJ	matrix spike, rec	4/3/2021	Pyrethroid	Cypermethrin	n/a	=	78	%	PythrGCMS-SIM	-88	-88	50	150	DG
PS-2021	000NONPJ	lab duplicate	4/3/2021	Pyrethroid	Cypermethrin	n/a	<	0.013	µg/L	PythrGCMS-SIM	0.013	0.04			DG
PS-2021	000NONPJ	lab duplicate, RPD	4/3/2021	Pyrethroid	Cypermethrin	n/a	=	0	%	PythrGCMS-SIM	-88	-88	0	25	DG
PS-2021	Lab	method blank	3/26/2021	Pyrethroid	Cypermethrin	n/a	<	0.4	ng/g ww	PythrGCMS-SIM	0.4	2			
PS-2021	Lab	LCS	3/26/2021	Pyrethroid	Cypermethrin	n/a	=	9.42	ng/g ww	PythrGCMS-SIM	0.4	2			
PS-2021	Lab	LCS, rec	3/26/2021	Pyrethroid	Cypermethrin	n/a	=	94	%	PythrGCMS-SIM	-88	-88	50	150	
PS-2021	Lab	method blank	4/3/2021	Pyrethroid	Cypermethrin	n/a	<	0.0007	µg/L	PythrGCMS-SIM	0.0007	0.002			
PS-2021	Lab	LCS	4/3/2021	Pyrethroid	Cypermethrin	n/a	=	0.0384	µg/L	PythrGCMS-SIM	0.0007	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	
PS-2021	Lab	LCS, rec	4/3/2021	Pyrethroid	Cypermethrin	n/a	=	77	%	PyrthrdGCMS-SIM	-88	-88	50	150	
PS-2021	Trowel EB	equip blank	4/3/2021	Pyrethroid	Cypermethrin	n/a	<	0.0007	µg/L	PyrthrdGCMS-SIM	0.0007	0.002			
PS-2021	VR Down	field duplicate	3/27/2021	Pyrethroid	Cypermethrin	n/a	<	7.4	ng/g ww	PyrthrdGCMS-SIM	7.4	7.4			DG
PS-2021	VR Down	field duplicate	3/27/2021	Pyrethroid	Cypermethrin	n/a	<	13	ng/g dw	PyrthrdGCMS-SIM	13	13			DG,H
PS-2021	VR Up	matrix spike	3/27/2021	Pyrethroid	Cypermethrin	n/a	=	48.2	ng/g dw	PyrthrdGCMS-SIM	3.6	18			DG,H
PS-2021	VR Up	matrix spike, rec	3/27/2021	Pyrethroid	Cypermethrin	n/a	=	106	%	PyrthrdGCMS-SIM	-88	-88	50	150	DG
PS-2021	VR Up	matrix spike dup	3/27/2021	Pyrethroid	Cypermethrin	n/a	=	45.1	ng/g dw	PyrthrdGCMS-SIM	3.6	18			DG,H
PS-2021	VR Up	matrix spike dup, rec	3/27/2021	Pyrethroid	Cypermethrin	n/a	=	101	%	PyrthrdGCMS-SIM	-88	-88	50	150	DG
PS-2021	VR Up	matrix spike, RPD	3/27/2021	Pyrethroid	Cypermethrin	n/a	=	7	%	PyrthrdGCMS-SIM	-88	-88	0	25	DG
PS-2021	000NONPJ	matrix spike	4/3/2021	Pyrethroid	Deltamethrin	n/a	=	0.404	µg/L	PyrthrdGCMS-SIM	0.038	0.04			DG
PS-2021	000NONPJ	matrix spike, rec	4/3/2021	Pyrethroid	Deltamethrin	n/a	=	81	%	PyrthrdGCMS-SIM	-88	-88	50	150	DG
PS-2021	000NONPJ	lab duplicate	4/3/2021	Pyrethroid	Deltamethrin	n/a	<	0.038	µg/L	PyrthrdGCMS-SIM	0.038	0.04			DG
PS-2021	000NONPJ	lab duplicate, RPD	4/3/2021	Pyrethroid	Deltamethrin	n/a	=	0	%	PyrthrdGCMS-SIM	-88	-88	0	25	DG
PS-2021	Lab	method blank	3/26/2021	Pyrethroid	Deltamethrin	n/a	<	0.4	ng/g ww	PyrthrdGCMS-SIM	0.4	2			
PS-2021	Lab	LCS	3/26/2021	Pyrethroid	Deltamethrin	n/a	=	9.9	ng/g ww	PyrthrdGCMS-SIM	0.4	2			
PS-2021	Lab	LCS, rec	3/26/2021	Pyrethroid	Deltamethrin	n/a	=	99	%	PyrthrdGCMS-SIM	-88	-88	50	150	
PS-2021	Lab	method blank	4/3/2021	Pyrethroid	Deltamethrin	n/a	<	0.0019	µg/L	PyrthrdGCMS-SIM	0.0019	0.002			
PS-2021	Lab	LCS	4/3/2021	Pyrethroid	Deltamethrin	n/a	=	0.0403	µg/L	PyrthrdGCMS-SIM	0.0019	0.002			
PS-2021	Lab	LCS, rec	4/3/2021	Pyrethroid	Deltamethrin	n/a	=	81	%	PyrthrdGCMS-SIM	-88	-88	50	150	
PS-2021	Trowel EB	equip blank	4/3/2021	Pyrethroid	Deltamethrin	n/a	<	0.0019	µg/L	PyrthrdGCMS-SIM	0.0019	0.002			
PS-2021	VR Down	field duplicate	3/27/2021	Pyrethroid	Deltamethrin	n/a	<	7.4	ng/g ww	PyrthrdGCMS-SIM	7.4	7.4			DG
PS-2021	VR Down	field duplicate	3/27/2021	Pyrethroid	Deltamethrin	n/a	<	13	ng/g dw	PyrthrdGCMS-SIM	13	13			DG,H
PS-2021	VR Up	matrix spike	3/27/2021	Pyrethroid	Deltamethrin	n/a	=	52.1	ng/g dw	PyrthrdGCMS-SIM	3.6	18			DG,H
PS-2021	VR Up	matrix spike, rec	3/27/2021	Pyrethroid	Deltamethrin	n/a	=	114	%	PyrthrdGCMS-SIM	-88	-88	50	150	DG
PS-2021	VR Up	matrix spike dup	3/27/2021	Pyrethroid	Deltamethrin	n/a	=	50.2	ng/g dw	PyrthrdGCMS-SIM	3.6	18			DG,H
PS-2021	VR Up	matrix spike dup, rec	3/27/2021	Pyrethroid	Deltamethrin	n/a	=	113	%	PyrthrdGCMS-SIM	-88	-88	50	150	DG
PS-2021	VR Up	matrix spike, RPD	3/27/2021	Pyrethroid	Deltamethrin	n/a	=	4	%	PyrthrdGCMS-SIM	-88	-88	0	25	DG
PS-2021	000NONPJ	matrix spike	4/3/2021	Pyrethroid	Esfenvalerate	n/a	=	0.385	µg/L	PyrthrdGCMS-SIM	0.02	0.04			DG
PS-2021	000NONPJ	matrix spike, rec	4/3/2021	Pyrethroid	Esfenvalerate	n/a	=	77	%	PyrthrdGCMS-SIM	-88	-88	50	150	DG
PS-2021	000NONPJ	lab duplicate	4/3/2021	Pyrethroid	Esfenvalerate	n/a	<	0.02	µg/L	PyrthrdGCMS-SIM	0.02	0.04			DG
PS-2021	000NONPJ	lab duplicate, RPD	4/3/2021	Pyrethroid	Esfenvalerate	n/a	=	0	%	PyrthrdGCMS-SIM	-88	-88	0	25	DG
PS-2021	Lab	method blank	3/26/2021	Pyrethroid	Esfenvalerate	n/a	<	0.4	ng/g ww	PyrthrdGCMS-SIM	0.4	2			
PS-2021	Lab	LCS	3/26/2021	Pyrethroid	Esfenvalerate	n/a	=	9.98	ng/g ww	PyrthrdGCMS-SIM	0.4	2			
PS-2021	Lab	LCS, rec	3/26/2021	Pyrethroid	Esfenvalerate	n/a	=	100	%	PyrthrdGCMS-SIM	-88	-88	50	150	
PS-2021	Lab	method blank	4/3/2021	Pyrethroid	Esfenvalerate	n/a	<	0.001	µg/L	PyrthrdGCMS-SIM	0.001	0.002			
PS-2021	Lab	LCS	4/3/2021	Pyrethroid	Esfenvalerate	n/a	=	0.0387	µg/L	PyrthrdGCMS-SIM	0.001	0.002			
PS-2021	Lab	LCS, rec	4/3/2021	Pyrethroid	Esfenvalerate	n/a	=	77	%	PyrthrdGCMS-SIM	-88	-88	50	150	
PS-2021	Trowel EB	equip blank	4/3/2021	Pyrethroid	Esfenvalerate	n/a	<	0.001	µg/L	PyrthrdGCMS-SIM	0.001	0.002			
PS-2021	VR Down	field duplicate	3/27/2021	Pyrethroid	Esfenvalerate	n/a	<	7.4	ng/g ww	PyrthrdGCMS-SIM	7.4	7.4			DG
PS-2021	VR Down	field duplicate	3/27/2021	Pyrethroid	Esfenvalerate	n/a	<	13	ng/g dw	PyrthrdGCMS-SIM	13	13			DG,H
PS-2021	VR Up	matrix spike	3/27/2021	Pyrethroid	Esfenvalerate	n/a	=	50.1	ng/g dw	PyrthrdGCMS-SIM	3.6	18			DG,H
PS-2021	VR Up	matrix spike, rec	3/27/2021	Pyrethroid	Esfenvalerate	n/a	=	110	%	PyrthrdGCMS-SIM	-88	-88	50	150	DG
PS-2021	VR Up	matrix spike dup	3/27/2021	Pyrethroid	Esfenvalerate	n/a	=	47.9	ng/g dw	PyrthrdGCMS-SIM	3.6	18			DG,H
PS-2021	VR Up	matrix spike dup, rec	3/27/2021	Pyrethroid	Esfenvalerate	n/a	=	107	%	PyrthrdGCMS-SIM	-88	-88	50	150	DG
PS-2021	VR Up	matrix spike, RPD	3/27/2021	Pyrethroid	Esfenvalerate	n/a	=	5	%	PyrthrdGCMS-SIM	-88	-88	0	25	DG
PS-2021	000NONPJ	matrix spike	4/3/2021	Pyrethroid	Fenpropathrin (Danitol)	n/a	=	0.408	µg/L	PyrthrdGCMS-SIM	0.04	0.04			DG
PS-2021	000NONPJ	matrix spike, rec	4/3/2021	Pyrethroid	Fenpropathrin (Danitol)	n/a	=	82	%	PyrthrdGCMS-SIM	-88	-88	50	150	DG

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
PS-2021	000NONPJ	lab duplicate	4/3/2021	Pyrethroid	Fenpropathrin (Danitol)	n/a	<	0.04	µg/L	PythrhdGCMS-SIM	0.04	0.04			DG
PS-2021	000NONPJ	lab duplicate, RPD	4/3/2021	Pyrethroid	Fenpropathrin (Danitol)	n/a	=	0	%	PythrhdGCMS-SIM	-88	-88	0	25	DG
PS-2021	Lab	method blank	3/26/2021	Pyrethroid	Fenpropathrin (Danitol)	n/a	<	0.4	ng/g ww	PythrhdGCMS-SIM	0.4	2			
PS-2021	Lab	LCS	3/26/2021	Pyrethroid	Fenpropathrin (Danitol)	n/a	=	8.73	ng/g ww	PythrhdGCMS-SIM	0.4	2			
PS-2021	Lab	LCS, rec	3/26/2021	Pyrethroid	Fenpropathrin (Danitol)	n/a	=	87	%	PythrhdGCMS-SIM	-88	-88	50	150	
PS-2021	Lab	method blank	4/3/2021	Pyrethroid	Fenpropathrin (Danitol)	n/a	<	0.002	µg/L	PythrhdGCMS-SIM	0.002	0.002			
PS-2021	Lab	LCS	4/3/2021	Pyrethroid	Fenpropathrin (Danitol)	n/a	=	0.0381	µg/L	PythrhdGCMS-SIM	0.002	0.002			
PS-2021	Lab	LCS, rec	4/3/2021	Pyrethroid	Fenpropathrin (Danitol)	n/a	=	76	%	PythrhdGCMS-SIM	-88	-88	50	150	
PS-2021	Trowel EB	equip blank	4/3/2021	Pyrethroid	Fenpropathrin (Danitol)	n/a	<	0.002	µg/L	PythrhdGCMS-SIM	0.002	0.002			
PS-2021	VR Down	field duplicate	3/27/2021	Pyrethroid	Fenpropathrin (Danitol)	n/a	<	7.4	ng/g ww	PythrhdGCMS-SIM	7.4	7.4			DG
PS-2021	VR Down	field duplicate	3/27/2021	Pyrethroid	Fenpropathrin (Danitol)	n/a	<	13	ng/g dw	PythrhdGCMS-SIM	13	13			DG,H
PS-2021	VR Up	matrix spike	3/27/2021	Pyrethroid	Fenpropathrin (Danitol)	n/a	=	45.1	ng/g dw	PythrhdGCMS-SIM	3.6	18			DG,H
PS-2021	VR Up	matrix spike, rec	3/27/2021	Pyrethroid	Fenpropathrin (Danitol)	n/a	=	99	%	PythrhdGCMS-SIM	-88	-88	50	150	DG
PS-2021	VR Up	matrix spike dup	3/27/2021	Pyrethroid	Fenpropathrin (Danitol)	n/a	=	40.8	ng/g dw	PythrhdGCMS-SIM	3.6	18			DG,H
PS-2021	VR Up	matrix spike dup, rec	3/27/2021	Pyrethroid	Fenpropathrin (Danitol)	n/a	=	92	%	PythrhdGCMS-SIM	-88	-88	50	150	DG
PS-2021	VR Up	matrix spike, RPD	3/27/2021	Pyrethroid	Fenpropathrin (Danitol)	n/a	=	10	%	PythrhdGCMS-SIM	-88	-88	0	25	DG
PS-2021	000NONPJ	matrix spike	4/3/2021	Pyrethroid	Fenvalerate	n/a	=	0.385	µg/L	PythrhdGCMS-SIM	0.02	0.04			DG
PS-2021	000NONPJ	matrix spike, rec	4/3/2021	Pyrethroid	Fenvalerate	n/a	=	77	%	PythrhdGCMS-SIM	-88	-88	50	150	DG
PS-2021	000NONPJ	lab duplicate	4/3/2021	Pyrethroid	Fenvalerate	n/a	<	0.02	µg/L	PythrhdGCMS-SIM	0.02	0.04			DG
PS-2021	000NONPJ	lab duplicate, RPD	4/3/2021	Pyrethroid	Fenvalerate	n/a	=	0	%	PythrhdGCMS-SIM	-88	-88	0	25	DG
PS-2021	Lab	method blank	3/26/2021	Pyrethroid	Fenvalerate	n/a	<	0.4	ng/g ww	PythrhdGCMS-SIM	0.4	2			
PS-2021	Lab	LCS	3/26/2021	Pyrethroid	Fenvalerate	n/a	=	9.98	ng/g ww	PythrhdGCMS-SIM	0.4	2			
PS-2021	Lab	LCS, rec	3/26/2021	Pyrethroid	Fenvalerate	n/a	=	100	%	PythrhdGCMS-SIM	-88	-88	50	150	
PS-2021	Lab	method blank	4/3/2021	Pyrethroid	Fenvalerate	n/a	<	0.001	µg/L	PythrhdGCMS-SIM	0.001	0.002			
PS-2021	Lab	LCS	4/3/2021	Pyrethroid	Fenvalerate	n/a	=	0.0387	µg/L	PythrhdGCMS-SIM	0.001	0.002			
PS-2021	Lab	LCS, rec	4/3/2021	Pyrethroid	Fenvalerate	n/a	=	77	%	PythrhdGCMS-SIM	-88	-88	50	150	
PS-2021	Trowel EB	equip blank	4/3/2021	Pyrethroid	Fenvalerate	n/a	<	0.001	µg/L	PythrhdGCMS-SIM	0.001	0.002			
PS-2021	VR Down	field duplicate	3/27/2021	Pyrethroid	Fenvalerate	n/a	<	7.4	ng/g ww	PythrhdGCMS-SIM	7.4	7.4			DG
PS-2021	VR Down	field duplicate	3/27/2021	Pyrethroid	Fenvalerate	n/a	<	13	ng/g dw	PythrhdGCMS-SIM	13	13			DG,H
PS-2021	VR Up	matrix spike	3/27/2021	Pyrethroid	Fenvalerate	n/a	=	50.1	ng/g dw	PythrhdGCMS-SIM	3.6	18			DG,H
PS-2021	VR Up	matrix spike, rec	3/27/2021	Pyrethroid	Fenvalerate	n/a	=	110	%	PythrhdGCMS-SIM	-88	-88	50	150	DG
PS-2021	VR Up	matrix spike dup	3/27/2021	Pyrethroid	Fenvalerate	n/a	=	47.9	ng/g dw	PythrhdGCMS-SIM	3.6	18			DG,H
PS-2021	VR Up	matrix spike dup, rec	3/27/2021	Pyrethroid	Fenvalerate	n/a	=	107	%	PythrhdGCMS-SIM	-88	-88	50	150	DG
PS-2021	VR Up	matrix spike, RPD	3/27/2021	Pyrethroid	Fenvalerate	n/a	=	5	%	PythrhdGCMS-SIM	-88	-88	0	25	DG
PS-2021	000NONPJ	matrix spike	4/3/2021	Pyrethroid	lambda-Cyhalothrin	n/a	=	0.368	µg/L	PythrhdGCMS-SIM	0.024	0.04			DG
PS-2021	000NONPJ	matrix spike, rec	4/3/2021	Pyrethroid	lambda-Cyhalothrin	n/a	=	74	%	PythrhdGCMS-SIM	-88	-88	50	150	DG
PS-2021	000NONPJ	lab duplicate	4/3/2021	Pyrethroid	lambda-Cyhalothrin	n/a	<	0.024	µg/L	PythrhdGCMS-SIM	0.024	0.04			DG
PS-2021	000NONPJ	lab duplicate, RPD	4/3/2021	Pyrethroid	lambda-Cyhalothrin	n/a	=	0	%	PythrhdGCMS-SIM	-88	-88	0	25	DG
PS-2021	Lab	method blank	3/26/2021	Pyrethroid	lambda-Cyhalothrin	n/a	<	0.4	ng/g ww	PythrhdGCMS-SIM	0.4	2			
PS-2021	Lab	LCS	3/26/2021	Pyrethroid	lambda-Cyhalothrin	n/a	=	8.36	ng/g ww	PythrhdGCMS-SIM	0.4	2			
PS-2021	Lab	LCS, rec	3/26/2021	Pyrethroid	lambda-Cyhalothrin	n/a	=	84	%	PythrhdGCMS-SIM	-88	-88	50	150	
PS-2021	Lab	method blank	4/3/2021	Pyrethroid	lambda-Cyhalothrin	n/a	<	0.0012	µg/L	PythrhdGCMS-SIM	0.0012	0.002			
PS-2021	Lab	LCS	4/3/2021	Pyrethroid	lambda-Cyhalothrin	n/a	=	0.0357	µg/L	PythrhdGCMS-SIM	0.0012	0.002			
PS-2021	Lab	LCS, rec	4/3/2021	Pyrethroid	lambda-Cyhalothrin	n/a	=	71	%	PythrhdGCMS-SIM	-88	-88	50	150	
PS-2021	Trowel EB	equip blank	4/3/2021	Pyrethroid	lambda-Cyhalothrin	n/a	<	0.0012	µg/L	PythrhdGCMS-SIM	0.0012	0.002			
PS-2021	VR Down	field duplicate	3/27/2021	Pyrethroid	lambda-Cyhalothrin	n/a	<	7.4	ng/g ww	PythrhdGCMS-SIM	7.4	7.4			DG
PS-2021	VR Down	field duplicate	3/27/2021	Pyrethroid	lambda-Cyhalothrin	n/a	<	13	ng/g dw	PythrhdGCMS-SIM	13	13			DG,H

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
PS-2021	VR Up	matrix spike	3/27/2021	Pyrethroid	lambda-Cyhalothrin	n/a	=	41.6	ng/g dw	PyrthrdGCMS-SIM	3.6	18			DG,H
PS-2021	VR Up	matrix spike, rec	3/27/2021	Pyrethroid	lambda-Cyhalothrin	n/a	=	91	%	PyrthrdGCMS-SIM	-88	-88	50	150	DG
PS-2021	VR Up	matrix spike dup	3/27/2021	Pyrethroid	lambda-Cyhalothrin	n/a	=	40.9	ng/g dw	PyrthrdGCMS-SIM	3.6	18			DG,H
PS-2021	VR Up	matrix spike dup, rec	3/27/2021	Pyrethroid	lambda-Cyhalothrin	n/a	=	92	%	PyrthrdGCMS-SIM	-88	-88	50	150	DG
PS-2021	VR Up	matrix spike, RPD	3/27/2021	Pyrethroid	lambda-Cyhalothrin	n/a	=	2	%	PyrthrdGCMS-SIM	-88	-88	0	25	DG
PS-2021	000NONPJ	matrix spike	4/3/2021	Pyrethroid	Permethrin	n/a	=	0.398	µg/L	PyrthrdGCMS-SIM	0.1	0.1			DG
PS-2021	000NONPJ	matrix spike, rec	4/3/2021	Pyrethroid	Permethrin	n/a	=	80	%	PyrthrdGCMS-SIM	-88	-88	50	150	DG
PS-2021	000NONPJ	lab duplicate	4/3/2021	Pyrethroid	Permethrin	n/a	<	0.1	µg/L	PyrthrdGCMS-SIM	0.1	0.1			DG
PS-2021	000NONPJ	lab duplicate, RPD	4/3/2021	Pyrethroid	Permethrin	n/a	<	0	%	PyrthrdGCMS-SIM	-88	-88	0	25	DG
PS-2021	Lab	method blank	3/26/2021	Pyrethroid	Permethrin	n/a	<	0.4	ng/g ww	PyrthrdGCMS-SIM	0.4	2			
PS-2021	Lab	LCS	3/26/2021	Pyrethroid	Permethrin	n/a	=	9.12	ng/g ww	PyrthrdGCMS-SIM	0.4	2			
PS-2021	Lab	LCS, rec	3/26/2021	Pyrethroid	Permethrin	n/a	=	91	%	PyrthrdGCMS-SIM	-88	-88	50	150	
PS-2021	Lab	method blank	4/3/2021	Pyrethroid	Permethrin	n/a	<	0.005	µg/L	PyrthrdGCMS-SIM	0.005	0.005			
PS-2021	Lab	LCS	4/3/2021	Pyrethroid	Permethrin	n/a	=	0.0382	µg/L	PyrthrdGCMS-SIM	0.005	0.005			
PS-2021	Lab	LCS, rec	4/3/2021	Pyrethroid	Permethrin	n/a	=	76	%	PyrthrdGCMS-SIM	-88	-88	50	150	
PS-2021	Trowel EB	equip blank	4/3/2021	Pyrethroid	Permethrin	n/a	<	0.005	µg/L	PyrthrdGCMS-SIM	0.005	0.005			
PS-2021	VR Down	field duplicate	3/27/2021	Pyrethroid	Permethrin	n/a	<	13	ng/g dw	PyrthrdGCMS-SIM	13	13			DG,H
PS-2021	VR Down	field duplicate	3/27/2021	Pyrethroid	Permethrin	n/a	<	7.4	ng/g ww	PyrthrdGCMS-SIM	7.4	7.4			DG
PS-2021	VR Up	matrix spike	3/27/2021	Pyrethroid	Permethrin	n/a	=	49.9	ng/g dw	PyrthrdGCMS-SIM	3.6	18			DG,H
PS-2021	VR Up	matrix spike, rec	3/27/2021	Pyrethroid	Permethrin	n/a	=	109	%	PyrthrdGCMS-SIM	-88	-88	50	150	DG
PS-2021	VR Up	matrix spike dup	3/27/2021	Pyrethroid	Permethrin	n/a	=	45.3	ng/g dw	PyrthrdGCMS-SIM	3.6	18			DG,H
PS-2021	VR Up	matrix spike dup, rec	3/27/2021	Pyrethroid	Permethrin	n/a	=	102	%	PyrthrdGCMS-SIM	-88	-88	50	150	DG
PS-2021	VR Up	matrix spike, RPD	3/27/2021	Pyrethroid	Permethrin	n/a	=	10	%	PyrthrdGCMS-SIM	-88	-88	0	25	DG
PS-2021	000NONPJ	matrix spike	4/3/2021	Pyrethroid	Phenothrin (Sumithrin)	n/a	=	0.454	µg/L	PyrthrdGCMS-SIM	0.049	0.2			DG
PS-2021	000NONPJ	matrix spike, rec	4/3/2021	Pyrethroid	Phenothrin (Sumithrin)	n/a	=	91	%	PyrthrdGCMS-SIM	-88	-88	50	150	DG
PS-2021	000NONPJ	lab duplicate	4/3/2021	Pyrethroid	Phenothrin (Sumithrin)	n/a	<	0.049	µg/L	PyrthrdGCMS-SIM	0.049	0.2			DG
PS-2021	000NONPJ	lab duplicate, RPD	4/3/2021	Pyrethroid	Phenothrin (Sumithrin)	n/a	<	0	%	PyrthrdGCMS-SIM	-88	-88	0	25	DG
PS-2021	Lab	method blank	3/26/2021	Pyrethroid	Phenothrin (Sumithrin)	n/a	<	0.4	ng/g ww	PyrthrdGCMS-SIM	0.4	2			
PS-2021	Lab	LCS	3/26/2021	Pyrethroid	Phenothrin (Sumithrin)	n/a	=	8.85	ng/g ww	PyrthrdGCMS-SIM	0.4	2			
PS-2021	Lab	LCS, rec	3/26/2021	Pyrethroid	Phenothrin (Sumithrin)	n/a	=	89	%	PyrthrdGCMS-SIM	-88	-88	50	150	
PS-2021	Lab	method blank	4/3/2021	Pyrethroid	Phenothrin (Sumithrin)	n/a	<	0.0024	µg/L	PyrthrdGCMS-SIM	0.0024	0.01			
PS-2021	Lab	LCS	4/3/2021	Pyrethroid	Phenothrin (Sumithrin)	n/a	=	0.0411	µg/L	PyrthrdGCMS-SIM	0.0024	0.01			
PS-2021	Lab	LCS, rec	4/3/2021	Pyrethroid	Phenothrin (Sumithrin)	n/a	=	82	%	PyrthrdGCMS-SIM	-88	-88	50	150	
PS-2021	Trowel EB	equip blank	4/3/2021	Pyrethroid	Phenothrin (Sumithrin)	n/a	<	0.0024	µg/L	PyrthrdGCMS-SIM	0.0024	0.01			
PS-2021	VR Down	field duplicate	3/27/2021	Pyrethroid	Phenothrin (Sumithrin)	n/a	<	7.4	ng/g ww	PyrthrdGCMS-SIM	7.4	7.4			DG
PS-2021	VR Down	field duplicate	3/27/2021	Pyrethroid	Phenothrin (Sumithrin)	n/a	<	13	ng/g dw	PyrthrdGCMS-SIM	13	13			DG,H
PS-2021	VR Up	matrix spike	3/27/2021	Pyrethroid	Phenothrin (Sumithrin)	n/a	=	50.4	ng/g dw	PyrthrdGCMS-SIM	3.6	18			DG,H
PS-2021	VR Up	matrix spike, rec	3/27/2021	Pyrethroid	Phenothrin (Sumithrin)	n/a	=	111	%	PyrthrdGCMS-SIM	-88	-88	50	150	DG
PS-2021	VR Up	matrix spike dup	3/27/2021	Pyrethroid	Phenothrin (Sumithrin)	n/a	=	42.7	ng/g dw	PyrthrdGCMS-SIM	3.6	18			DG,H
PS-2021	VR Up	matrix spike dup, rec	3/27/2021	Pyrethroid	Phenothrin (Sumithrin)	n/a	=	96	%	PyrthrdGCMS-SIM	-88	-88	50	150	DG
PS-2021	VR Up	matrix spike, RPD	3/27/2021	Pyrethroid	Phenothrin (Sumithrin)	n/a	=	17	%	PyrthrdGCMS-SIM	-88	-88	0	25	DG
PS-2021	000NONPJ	matrix spike	4/3/2021	Pyrethroid	Prallethrin	n/a	=	0.432	µg/L	PyrthrdGCMS-SIM	0.018	0.04			DG
PS-2021	000NONPJ	matrix spike, rec	4/3/2021	Pyrethroid	Prallethrin	n/a	=	86	%	PyrthrdGCMS-SIM	-88	-88	50	150	DG
PS-2021	000NONPJ	lab duplicate	4/3/2021	Pyrethroid	Prallethrin	n/a	<	0.018	µg/L	PyrthrdGCMS-SIM	0.018	0.04			DG
PS-2021	000NONPJ	lab duplicate, RPD	4/3/2021	Pyrethroid	Prallethrin	n/a	=	0	%	PyrthrdGCMS-SIM	-88	-88	0	25	DG
PS-2021	Lab	method blank	3/26/2021	Pyrethroid	Prallethrin	n/a	<	0.4	ng/g ww	PyrthrdGCMS-SIM	0.4	2			
PS-2021	Lab	LCS	3/26/2021	Pyrethroid	Prallethrin	n/a	=	9.15	ng/g ww	PyrthrdGCMS-SIM	0.4	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	
PS-2021	Lab	LCS, rec	3/26/2021	Pyrethroid	Prallethrin	n/a	=	91	%	PythrGCMS-SIM	-88	-88	50	150	
PS-2021	Lab	method blank	4/3/2021	Pyrethroid	Prallethrin	n/a	<	0.0009	µg/L	PythrGCMS-SIM	0.0009	0.002			
PS-2021	Lab	LCS	4/3/2021	Pyrethroid	Prallethrin	n/a	=	0.0383	µg/L	PythrGCMS-SIM	0.0009	0.002			
PS-2021	Lab	LCS, rec	4/3/2021	Pyrethroid	Prallethrin	n/a	=	77	%	PythrGCMS-SIM	-88	-88	50	150	
PS-2021	Trowel EB	equip blank	4/3/2021	Pyrethroid	Prallethrin	n/a	<	0.0009	µg/L	PythrGCMS-SIM	0.0009	0.002			
PS-2021	VR Down	field duplicate	3/27/2021	Pyrethroid	Prallethrin	n/a	<	13	ng/g dw	PythrGCMS-SIM	13	13			DG,H
PS-2021	VR Down	field duplicate	3/27/2021	Pyrethroid	Prallethrin	n/a	<	7.4	ng/g ww	PythrGCMS-SIM	7.4	7.4			DG
PS-2021	VR Up	matrix spike	3/27/2021	Pyrethroid	Prallethrin	n/a	=	45.6	ng/g dw	PythrGCMS-SIM	3.6	18			DG,H
PS-2021	VR Up	matrix spike, rec	3/27/2021	Pyrethroid	Prallethrin	n/a	=	100	%	PythrGCMS-SIM	-88	-88	50	150	DG
PS-2021	VR Up	matrix spike dup	3/27/2021	Pyrethroid	Prallethrin	n/a	=	42.1	ng/g dw	PythrGCMS-SIM	3.6	18			DG,H
PS-2021	VR Up	matrix spike dup, rec	3/27/2021	Pyrethroid	Prallethrin	n/a	=	94	%	PythrGCMS-SIM	-88	-88	50	150	DG
PS-2021	VR Up	matrix spike, RPD	3/27/2021	Pyrethroid	Prallethrin	n/a	=	8	%	PythrGCMS-SIM	-88	-88	0	25	DG
PS-2021	000NONPJ	matrix spike	4/3/2021	Pyrethroid	Tefluthrin	n/a	=	0.415	µg/L	PythrGCMS-SIM	0.019	0.04			DG
PS-2021	000NONPJ	matrix spike, rec	4/3/2021	Pyrethroid	Tefluthrin	n/a	=	83	%	PythrGCMS-SIM	-88	-88	50	150	DG
PS-2021	000NONPJ	lab duplicate	4/3/2021	Pyrethroid	Tefluthrin	n/a	<	0.019	µg/L	PythrGCMS-SIM	0.019	0.04			DG
PS-2021	000NONPJ	lab duplicate, RPD	4/3/2021	Pyrethroid	Tefluthrin	n/a	=	0	%	PythrGCMS-SIM	-88	-88	0	25	DG
PS-2021	Lab	method blank	3/26/2021	Pyrethroid	Tefluthrin	n/a	<	0.4	ng/g ww	PythrGCMS-SIM	0.4	2			
PS-2021	Lab	LCS	3/26/2021	Pyrethroid	Tefluthrin	n/a	=	9.02	ng/g ww	PythrGCMS-SIM	0.4	2			
PS-2021	Lab	LCS, rec	3/26/2021	Pyrethroid	Tefluthrin	n/a	=	90	%	PythrGCMS-SIM	-88	-88	50	150	
PS-2021	Lab	method blank	4/3/2021	Pyrethroid	Tefluthrin	n/a	<	0.0009	µg/L	PythrGCMS-SIM	0.0009	0.002			
PS-2021	Lab	LCS	4/3/2021	Pyrethroid	Tefluthrin	n/a	=	0.0407	µg/L	PythrGCMS-SIM	0.0009	0.002			
PS-2021	Lab	LCS, rec	4/3/2021	Pyrethroid	Tefluthrin	n/a	=	81	%	PythrGCMS-SIM	-88	-88	50	150	
PS-2021	Trowel EB	equip blank	4/3/2021	Pyrethroid	Tefluthrin	n/a	<	0.0009	µg/L	PythrGCMS-SIM	0.0009	0.002			
PS-2021	VR Down	field duplicate	3/27/2021	Pyrethroid	Tefluthrin	n/a	<	13	ng/g dw	PythrGCMS-SIM	13	13			DG,H
PS-2021	VR Down	field duplicate	3/27/2021	Pyrethroid	Tefluthrin	n/a	<	7.4	ng/g ww	PythrGCMS-SIM	7.4	7.4			DG
PS-2021	VR Up	matrix spike	3/27/2021	Pyrethroid	Tefluthrin	n/a	=	38.8	ng/g dw	PythrGCMS-SIM	3.6	18			DG,H
PS-2021	VR Up	matrix spike, rec	3/27/2021	Pyrethroid	Tefluthrin	n/a	=	85	%	PythrGCMS-SIM	-88	-88	50	150	DG
PS-2021	VR Up	matrix spike dup	3/27/2021	Pyrethroid	Tefluthrin	n/a	=	39.3	ng/g dw	PythrGCMS-SIM	3.6	18			DG,H
PS-2021	VR Up	matrix spike dup, rec	3/27/2021	Pyrethroid	Tefluthrin	n/a	=	88	%	PythrGCMS-SIM	-88	-88	50	150	DG
PS-2021	VR Up	matrix spike, RPD	3/27/2021	Pyrethroid	Tefluthrin	n/a	=	1	%	PythrGCMS-SIM	-88	-88	0	25	DG
PS-2021	000NONPJ	matrix spike	4/3/2021	Pyrethroid	Tralomethrin	n/a	=	0.404	µg/L	PythrGCMS-SIM	0.038	0.04			DG
PS-2021	000NONPJ	matrix spike, rec	4/3/2021	Pyrethroid	Tralomethrin	n/a	=	81	%	PythrGCMS-SIM	-88	-88	50	150	DG
PS-2021	000NONPJ	lab duplicate	4/3/2021	Pyrethroid	Tralomethrin	n/a	<	0.038	µg/L	PythrGCMS-SIM	0.038	0.04			DG
PS-2021	000NONPJ	lab duplicate, RPD	4/3/2021	Pyrethroid	Tralomethrin	n/a	=	0	%	PythrGCMS-SIM	-88	-88	0	25	DG
PS-2021	Lab	method blank	3/26/2021	Pyrethroid	Tralomethrin	n/a	<	0.4	ng/g ww	PythrGCMS-SIM	0.4	2			
PS-2021	Lab	LCS	3/26/2021	Pyrethroid	Tralomethrin	n/a	=	9.9	ng/g ww	PythrGCMS-SIM	0.4	2			
PS-2021	Lab	LCS, rec	3/26/2021	Pyrethroid	Tralomethrin	n/a	=	99	%	PythrGCMS-SIM	-88	-88	50	150	
PS-2021	Lab	method blank	4/3/2021	Pyrethroid	Tralomethrin	n/a	<	0.0019	µg/L	PythrGCMS-SIM	0.0019	0.002			
PS-2021	Lab	LCS	4/3/2021	Pyrethroid	Tralomethrin	n/a	=	0.0403	µg/L	PythrGCMS-SIM	0.0019	0.002			
PS-2021	Lab	LCS, rec	4/3/2021	Pyrethroid	Tralomethrin	n/a	=	81	%	PythrGCMS-SIM	-88	-88	50	150	
PS-2021	Trowel EB	equip blank	4/3/2021	Pyrethroid	Tralomethrin	n/a	<	0.0019	µg/L	PythrGCMS-SIM	0.0019	0.002			
PS-2021	VR Down	field duplicate	3/27/2021	Pyrethroid	Tralomethrin	n/a	<	13	ng/g dw	PythrGCMS-SIM	13	13			DG,H
PS-2021	VR Down	field duplicate	3/27/2021	Pyrethroid	Tralomethrin	n/a	<	7.4	ng/g ww	PythrGCMS-SIM	7.4	7.4			DG
PS-2021	VR Up	matrix spike	3/27/2021	Pyrethroid	Tralomethrin	n/a	=	52.1	ng/g dw	PythrGCMS-SIM	3.6	18			DG,H
PS-2021	VR Up	matrix spike, rec	3/27/2021	Pyrethroid	Tralomethrin	n/a	=	114	%	PythrGCMS-SIM	-88	-88	50	150	DG
PS-2021	VR Up	matrix spike dup	3/27/2021	Pyrethroid	Tralomethrin	n/a	=	50.2	ng/g dw	PythrGCMS-SIM	3.6	18			DG,H
PS-2021	VR Up	matrix spike dup, rec	3/27/2021	Pyrethroid	Tralomethrin	n/a	=	113	%	PythrGCMS-SIM	-88	-88	50	150	DG

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
PS-2021	VR Up	matrix spike, RPD	3/27/2021	Pyrethroid	Tralomethrin	n/a	=	4	%	PythrhdGCMS-SIM	-88	-88	0	25	DG

Appendix G. Laboratory Environmental Analysis Results

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
DRY-HUE3	2021-DRY	Dry	8/10/2021 12:45:00 PM	8/11/2021 12:01:00 PM	E. Coli	n/a	=	64880	MPN/100 mL	MMO-MUG	100	100	FGL	
DRY-HUE3	2021-DRY	Dry	8/10/2021 12:45:00 PM	8/11/2021 12:01:00 PM	Total Coliform	n/a	=	129970	MPN/100 mL	MMO-MUG	100	100	FGL	
DRY-HUE3	2021-DRY	Dry	8/10/2021 12:45:00 PM	8/24/2021 10:30:00 AM	Calcium	Total	=	321	mg/L	EPA 200.7	0.32	1	WKL	
DRY-HUE3	2021-DRY	Dry	8/10/2021 12:45:00 PM	8/23/2021 5:52:00 PM	Magnesium	Total	=	173	mg/L	EPA 200.7	0.039	0.5	WKL	
DRY-HUE3	2021-DRY	Dry	8/10/2021 12:45:00 PM	8/10/2021 12:45:00 PM	Conductivity	n/a	=	5960	µmhos/cm	Field Meter	-88	1	Field Crew	
DRY-HUE3	2021-DRY	Dry	8/10/2021 12:45:00 PM	8/10/2021 12:45:00 PM	Discharge	n/a	<	0.1	cfs	Field Estimate	-88	-88	Field Crew	EST
DRY-HUE3	2021-DRY	Dry	8/10/2021 12:45:00 PM	8/10/2021 12:45:00 PM	DO	n/a	=	15.2	%	Field Meter	-88	0.1	Field Crew	
DRY-HUE3	2021-DRY	Dry	8/10/2021 12:45:00 PM	8/10/2021 12:45:00 PM	DO	n/a	=	1.24	mg/L	Field Meter	-88	0.3	Field Crew	
DRY-HUE3	2021-DRY	Dry	8/10/2021 12:45:00 PM	8/24/2021 10:30:00 AM	Hardness as CaCO3	Total	=	1510	mg/L	EPA 200.7	0.96	4.56	WKL	
DRY-HUE3	2021-DRY	Dry	8/10/2021 12:45:00 PM	8/10/2021 12:45:00 PM	pH	n/a	=	7.28	pH Units	Field Meter	-88	0.01	Field Crew	
DRY-HUE3	2021-DRY	Dry	8/10/2021 12:45:00 PM	8/10/2021 12:45:00 PM	Salinity	n/a	=	3500	mg/L	Field Meter	-88	100	Field Crew	
DRY-HUE3	2021-DRY	Dry	8/10/2021 12:45:00 PM	8/10/2021 12:45:00 PM	Specific Conductance	n/a	=	6350	µmhos/cm	Field Meter	-88	1	Field Crew	
DRY-HUE3	2021-DRY	Dry	8/10/2021 12:45:00 PM	8/10/2021 12:45:00 PM	Temperature	n/a	=	22.7	°C	Field Meter	-88	0.1	Field Crew	
DRY-HUE3	2021-DRY	Dry	8/10/2021 12:45:00 PM	9/2/2021 7:08:00 PM	Total Organic Carbon	n/a	=	6.8	mg/L	SM 5310 B	0.19	0.3	WKL	
DRY-HUE3	2021-DRY	Dry	8/10/2021 12:45:00 PM	8/10/2021 12:45:00 PM	Turbidity	n/a	=	43.4	NTU	Field Meter	-88	0.01	Field Crew	
DRY-HUE3	2021-DRY	Dry	8/10/2021 12:45:00 PM	8/26/2021 6:34:00 PM	Copper	Dissolved	<	0.23	µg/L	EPA 200.8	0.23	0.5	WKL	
DRY-HUE3	2021-DRY	Dry	8/10/2021 12:45:00 PM	8/26/2021 6:34:00 PM	Lead	Dissolved	<	0.083	µg/L	EPA 200.8	0.083	0.2	WKL	
DRY-HUE3	2021-DRY	Dry	8/10/2021 12:45:00 PM	8/26/2021 6:34:00 PM	Zinc	Dissolved	DNQ	1.4	µg/L	EPA 200.8	0.8	10	WKL	UL-MB
DRY-OJA7	2021-DRY	Dry	8/10/2021 11:00:00 AM	8/11/2021 12:01:00 PM	E. Coli	n/a	=	146	MPN/100 mL	MMO-MUG	10	10	FGL	
DRY-OJA7	2021-DRY	Dry	8/10/2021 11:00:00 AM	8/11/2021 12:01:00 PM	Total Coliform	n/a	=	11199	MPN/100 mL	MMO-MUG	10	10	FGL	
DRY-OJA7	2021-DRY	Dry	8/10/2021 11:00:00 AM	8/23/2021 5:40:00 PM	Calcium	Total	=	197	mg/L	EPA 200.7	0.16	0.5	WKL	
DRY-OJA7	2021-DRY	Dry	8/10/2021 11:00:00 AM	8/23/2021 5:40:00 PM	Magnesium	Total	=	45.9	mg/L	EPA 200.7	0.039	0.5	WKL	
DRY-OJA7	2021-DRY	Dry	8/10/2021 11:00:00 AM	8/10/2021 11:00:00 AM	Conductivity	n/a	=	1405	µmhos/cm	Field Meter	-88	1	Field Crew	
DRY-OJA7	2021-DRY	Dry	8/10/2021 11:00:00 AM	8/10/2021 11:00:00 AM	Discharge	n/a	=	0.01	cfs	Field Estimate	-88	-88	Field Crew	EST
DRY-OJA7	2021-DRY	Dry	8/10/2021 11:00:00 AM	8/10/2021 11:00:00 AM	DO	n/a	=	10.36	mg/L	Field Meter	-88	0.3	Field Crew	
DRY-OJA7	2021-DRY	Dry	8/10/2021 11:00:00 AM	8/10/2021 11:00:00 AM	DO	n/a	=	116.6	%	Field Meter	-88	0.1	Field Crew	
DRY-OJA7	2021-DRY	Dry	8/10/2021 11:00:00 AM	8/23/2021 5:40:00 PM	Hardness as CaCO3	Total	=	680	mg/L	EPA 200.7	0.56	3.31	WKL	
DRY-OJA7	2021-DRY	Dry	8/10/2021 11:00:00 AM	8/10/2021 11:00:00 AM	pH	n/a	=	7.9	pH Units	Field Meter	-88	0.01	Field Crew	
DRY-OJA7	2021-DRY	Dry	8/10/2021 11:00:00 AM	8/10/2021 11:00:00 AM	Salinity	n/a	=	800	mg/L	Field Meter	-88	100	Field Crew	
DRY-OJA7	2021-DRY	Dry	8/10/2021 11:00:00 AM	8/10/2021 11:00:00 AM	Specific Conductance	n/a	=	1516	µmhos/cm	Field Meter	-88	1	Field Crew	
DRY-OJA7	2021-DRY	Dry	8/10/2021 11:00:00 AM	8/10/2021 11:00:00 AM	Temperature	n/a	=	21.1	°C	Field Meter	-88	0.1	Field Crew	
DRY-OJA7	2021-DRY	Dry	8/10/2021 11:00:00 AM	9/2/2021 7:08:00 PM	Total Organic Carbon	n/a	=	1.3	mg/L	SM 5310 B	0.19	0.3	WKL	
DRY-OJA7	2021-DRY	Dry	8/10/2021 11:00:00 AM	8/10/2021 11:00:00 AM	Turbidity	n/a	=	0.5	NTU	Field Meter	-88	0.01	Field Crew	
DRY-OJA7	2021-DRY	Dry	8/10/2021 11:00:00 AM	8/26/2021 6:20:00 PM	Copper	Dissolved	<	0.23	µg/L	EPA 200.8	0.23	0.5	WKL	
DRY-OJA7	2021-DRY	Dry	8/10/2021 11:00:00 AM	8/26/2021 6:20:00 PM	Lead	Dissolved	<	0.083	µg/L	EPA 200.8	0.083	0.2	WKL	
DRY-OJA7	2021-DRY	Dry	8/10/2021 11:00:00 AM	8/26/2021 6:20:00 PM	Zinc	Dissolved	DNQ	0.8	µg/L	EPA 200.8	0.8	10	WKL	UL-MB
DRY-oxN2	2021-DRY	Dry	8/10/2021 7:50:00 AM	8/11/2021 12:01:00 PM	E. Coli	n/a	=	5172	MPN/100 mL	MMO-MUG	10	10	FGL	
DRY-oxN2	2021-DRY	Dry	8/10/2021 7:50:00 AM	8/11/2021 12:01:00 PM	Total Coliform	n/a	=	129970	MPN/100 mL	MMO-MUG	100	100	FGL	
DRY-oxN2	2021-DRY	Dry	8/10/2021 7:50:00 AM	8/23/2021 5:49:00 PM	Calcium	Total	=	169	mg/L	EPA 200.7	0.16	0.5	WKL	
DRY-oxN2	2021-DRY	Dry	8/10/2021 7:50:00 AM	8/23/2021 5:49:00 PM	Magnesium	Total	=	55.2	mg/L	EPA 200.7	0.039	0.5	WKL	
DRY-oxN2	2021-DRY	Dry	8/10/2021 7:50:00 AM	8/10/2021 7:50:00 AM	Conductivity	n/a	=	1033	µmhos/cm	Field Meter	-88	1	Field Crew	
DRY-oxN2	2021-DRY	Dry	8/10/2021 7:50:00 AM	8/10/2021 7:50:00 AM	Discharge	n/a	=	0.2	cfs	Field Estimate	-88	-88	Field Crew	EST
DRY-oxN2	2021-DRY	Dry	8/10/2021 7:50:00 AM	8/10/2021 7:50:00 AM	DO	n/a	=	101.6	%	Field Meter	-88	0.1	Field Crew	
DRY-oxN2	2021-DRY	Dry	8/10/2021 7:50:00 AM	8/10/2021 7:50:00 AM	DO	n/a	=	9.34	mg/L	Field Meter	-88	0.3	Field Crew	
DRY-oxN2	2021-DRY	Dry	8/10/2021 7:50:00 AM	8/23/2021 5:49:00 PM	Hardness as CaCO3	Total	=	650	mg/L	EPA 200.7	0.56	3.31	WKL	
DRY-oxN2	2021-DRY	Dry	8/10/2021 7:50:00 AM	8/10/2021 7:50:00 AM	pH	n/a	=	8.34	pH Units	Field Meter	-88	0.01	Field Crew	
DRY-oxN2	2021-DRY	Dry	8/10/2021 7:50:00 AM	8/10/2021 7:50:00 AM	Salinity	n/a	=	600	mg/L	Field Meter	-88	100	Field Crew	
DRY-oxN2	2021-DRY	Dry	8/10/2021 7:50:00 AM	8/10/2021 7:50:00 AM	Specific Conductance	n/a	=	1163	µmhos/cm	Field Meter	-88	1	Field Crew	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
DRY-OXN2	2021-DRY	Dry	8/10/2021 7:50:00 AM	8/10/2021 7:50:00 AM	Temperature	n/a	=	18.3	°C	Field Meter	-88	0.1	Field Crew	
DRY-OXN2	2021-DRY	Dry	8/10/2021 7:50:00 AM	9/2/2021 7:08:00 PM	Total Organic Carbon	n/a	=	7.9	mg/L	SM 5310 B	0.19	0.3	WKL	
DRY-OXN2	2021-DRY	Dry	8/10/2021 7:50:00 AM	8/10/2021 7:50:00 AM	Turbidity	n/a	=	3.91	NTU	Field Meter	-88	0.01	Field Crew	
DRY-OXN2	2021-DRY	Dry	8/10/2021 7:50:00 AM	8/26/2021 6:23:00 PM	Copper	Dissolved	=	3.6	µg/L	EPA 200.8	0.23	0.5	WKL	
DRY-OXN2	2021-DRY	Dry	8/10/2021 7:50:00 AM	8/26/2021 6:23:00 PM	Lead	Dissolved	<	0.083	µg/L	EPA 200.8	0.083	0.2	WKL	
DRY-OXN2	2021-DRY	Dry	8/10/2021 7:50:00 AM	8/26/2021 6:23:00 PM	Zinc	Dissolved	DNQ	5.7	µg/L	EPA 200.8	0.8	10	WKL	UL-MB
DRY-SPA4	2021-DRY	Dry	8/11/2021 11:35:00 AM	8/12/2021 12:00:00 PM	E. Coli	n/a	=	359	MPN/100 mL	MMO-MUG	10	10	FGL	
DRY-SPA4	2021-DRY	Dry	8/11/2021 11:35:00 AM	8/12/2021 12:00:00 PM	Total Coliform	n/a	=	261300	MPN/100 mL	MMO-MUG	1000	1000	FGL	
DRY-SPA4	2021-DRY	Dry	8/11/2021 11:35:00 AM	8/23/2021 5:55:00 PM	Calcium	Total	=	185	mg/L	EPA 200.7	0.16	0.5	WKL	
DRY-SPA4	2021-DRY	Dry	8/11/2021 11:35:00 AM	8/23/2021 5:55:00 PM	Magnesium	Total	=	55.9	mg/L	EPA 200.7	0.039	0.5	WKL	
DRY-SPA4	2021-DRY	Dry	8/11/2021 11:35:00 AM	8/11/2021 11:35:00 AM	Conductivity	n/a	=	1774	µmhos/cm	Field Meter	-88	1	Field Crew	
DRY-SPA4	2021-DRY	Dry	8/11/2021 11:35:00 AM	8/11/2021 11:35:00 AM	Discharge	n/a	<	0.01	cfs	Field Estimate	-88	-88	Field Crew	EST
DRY-SPA4	2021-DRY	Dry	8/11/2021 11:35:00 AM	8/23/2021 5:55:00 PM	Hardness as CaCO3	Total	=	691	mg/L	EPA 200.7	0.56	3.31	WKL	
DRY-SPA4	2021-DRY	Dry	8/11/2021 11:35:00 AM	8/11/2021 11:35:00 AM	pH	n/a	=	8.2	pH Units	Field Meter	-88	0.01	Field Crew	
DRY-SPA4	2021-DRY	Dry	8/11/2021 11:35:00 AM	8/11/2021 11:35:00 AM	Salinity	n/a	=	800	mg/L	Field Meter	-88	100	Field Crew	
DRY-SPA4	2021-DRY	Dry	8/11/2021 11:35:00 AM	8/11/2021 11:35:00 AM	Specific Conductance	n/a	=	1594	µmhos/cm	Field Meter	-88	1	Field Crew	
DRY-SPA4	2021-DRY	Dry	8/11/2021 11:35:00 AM	8/11/2021 11:35:00 AM	Temperature	n/a	=	30.2	°C	Field Meter	-88	0.1	Field Crew	
DRY-SPA4	2021-DRY	Dry	8/11/2021 11:35:00 AM	9/2/2021 7:08:00 PM	Total Organic Carbon	n/a	=	24	mg/L	SM 5310 B	0.19	0.3	WKL	
DRY-SPA4	2021-DRY	Dry	8/11/2021 11:35:00 AM	8/11/2021 11:35:00 AM	Turbidity	n/a	=	4.9	NTU	Field Meter	-88	0.01	Field Crew	
DRY-SPA4	2021-DRY	Dry	8/11/2021 11:35:00 AM	8/26/2021 6:37:00 PM	Copper	Dissolved	=	11	µg/L	EPA 200.8	0.23	0.5	WKL	
DRY-SPA4	2021-DRY	Dry	8/11/2021 11:35:00 AM	8/26/2021 6:37:00 PM	Lead	Dissolved	<	0.083	µg/L	EPA 200.8	0.083	0.2	WKL	
DRY-SPA4	2021-DRY	Dry	8/11/2021 11:35:00 AM	8/26/2021 6:37:00 PM	Zinc	Dissolved	=	26	µg/L	EPA 200.8	0.8	10	WKL	
DRY-UNI4	2021-DRY	Dry	8/11/2021 9:30:00 AM	8/12/2021 12:00:00 PM	E. Coli	n/a	=	8664	MPN/100 mL	MMO-MUG	10	10	FGL	
DRY-UNI4	2021-DRY	Dry	8/11/2021 9:30:00 AM	8/12/2021 12:00:00 PM	Total Coliform	n/a	=	488400	MPN/100 mL	MMO-MUG	1000	1000	FGL	
DRY-UNI4	2021-DRY	Dry	8/11/2021 9:30:00 AM	8/23/2021 6:18:00 PM	Calcium	Total	=	80	mg/L	EPA 200.7	0.16	0.5	WKL	
DRY-UNI4	2021-DRY	Dry	8/11/2021 9:30:00 AM	8/23/2021 6:18:00 PM	Magnesium	Total	=	82.4	mg/L	EPA 200.7	0.039	0.5	WKL	
DRY-UNI4	2021-DRY	Dry	8/11/2021 9:30:00 AM	8/11/2021 9:30:00 AM	Conductivity	n/a	=	1255	µmhos/cm	Field Meter	-88	1	Field Crew	
DRY-UNI4	2021-DRY	Dry	8/11/2021 9:30:00 AM	8/11/2021 9:30:00 AM	Discharge	n/a	=	0.04	cfs	Field Estimate	-88	-88	Field Crew	EST
DRY-UNI4	2021-DRY	Dry	8/11/2021 9:30:00 AM	8/11/2021 9:30:00 AM	DO	n/a	=	6.55	mg/L	Field Meter	-88	0.3	Field Crew	
DRY-UNI4	2021-DRY	Dry	8/11/2021 9:30:00 AM	8/11/2021 9:30:00 AM	DO	n/a	=	77.4	%	Field Meter	-88	0.1	Field Crew	
DRY-UNI4	2021-DRY	Dry	8/11/2021 9:30:00 AM	8/23/2021 6:18:00 PM	Hardness as CaCO3	Total	=	539	mg/L	EPA 200.7	0.56	3.31	WKL	
DRY-UNI4	2021-DRY	Dry	8/11/2021 9:30:00 AM	8/11/2021 9:30:00 AM	pH	n/a	=	8.67	pH Units	Field Meter	-88	0.01	Field Crew	
DRY-UNI4	2021-DRY	Dry	8/11/2021 9:30:00 AM	8/11/2021 9:30:00 AM	Salinity	n/a	=	700	mg/L	Field Meter	-88	100	Field Crew	
DRY-UNI4	2021-DRY	Dry	8/11/2021 9:30:00 AM	8/11/2021 9:30:00 AM	Specific Conductance	n/a	=	1350	µmhos/cm	Field Meter	-88	1	Field Crew	
DRY-UNI4	2021-DRY	Dry	8/11/2021 9:30:00 AM	8/11/2021 9:30:00 AM	Temperature	n/a	=	21.3	°C	Field Meter	-88	0.1	Field Crew	
DRY-UNI4	2021-DRY	Dry	8/11/2021 9:30:00 AM	9/2/2021 7:08:00 PM	Total Organic Carbon	n/a	=	11	mg/L	SM 5310 B	0.19	0.3	WKL	
DRY-UNI4	2021-DRY	Dry	8/11/2021 9:30:00 AM	8/11/2021 9:30:00 AM	Turbidity	n/a	=	2.9	NTU	Field Meter	-88	0.01	Field Crew	
DRY-UNI4	2021-DRY	Dry	8/11/2021 9:30:00 AM	8/26/2021 6:46:00 PM	Copper	Dissolved	=	4.8	µg/L	EPA 200.8	0.23	0.5	WKL	
DRY-UNI4	2021-DRY	Dry	8/11/2021 9:30:00 AM	8/26/2021 6:46:00 PM	Lead	Dissolved	<	0.083	µg/L	EPA 200.8	0.083	0.2	WKL	
DRY-UNI4	2021-DRY	Dry	8/11/2021 9:30:00 AM	8/26/2021 6:46:00 PM	Zinc	Dissolved	DNQ	3.9	µg/L	EPA 200.8	0.8	10	WKL	UL-MB
DRY-VEN5	2021-DRY	Dry	8/10/2021 11:40:00 AM	8/11/2021 12:01:00 PM	E. Coli	n/a	=	14136	MPN/100 mL	MMO-MUG	10	10	FGL	
DRY-VEN5	2021-DRY	Dry	8/10/2021 11:40:00 AM	8/11/2021 12:01:00 PM	Total Coliform	n/a	=	81640	MPN/100 mL	MMO-MUG	100	100	FGL	
DRY-VEN5	2021-DRY	Dry	8/10/2021 11:40:00 AM	8/23/2021 6:21:00 PM	Calcium	Total	=	96.5	mg/L	EPA 200.7	0.16	0.5	WKL	
DRY-VEN5	2021-DRY	Dry	8/10/2021 11:40:00 AM	8/23/2021 6:21:00 PM	Magnesium	Total	=	36.5	mg/L	EPA 200.7	0.039	0.5	WKL	
DRY-VEN5	2021-DRY	Dry	8/10/2021 11:40:00 AM	8/10/2021 11:40:00 AM	Conductivity	n/a	=	842	µmhos/cm	Field Meter	-88	1	Field Crew	
DRY-VEN5	2021-DRY	Dry	8/10/2021 11:40:00 AM	8/10/2021 11:40:00 AM	Discharge	n/a	=	0.01	cfs	Field Estimate	-88	-88	Field Crew	EST
DRY-VEN5	2021-DRY	Dry	8/10/2021 11:40:00 AM	8/10/2021 11:40:00 AM	DO	n/a	=	1.83	mg/L	Field Meter	-88	0.3	Field Crew	
DRY-VEN5	2021-DRY	Dry	8/10/2021 11:40:00 AM	8/10/2021 11:40:00 AM	DO	n/a	=	20.1	%	Field Meter	-88	0.1	Field Crew	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
DRY-VEN5	2021-DRY	Dry	8/10/2021 11:40:00 AM	8/23/2021 6:21:00 PM	Hardness as CaCO3	Total	=	391	mg/L	EPA 200.7	0.56	3.31	WKL	
DRY-VEN5	2021-DRY	Dry	8/10/2021 11:40:00 AM	8/10/2021 11:40:00 AM	pH	n/a	=	7.01	pH Units	Field Meter	-88	0.01	Field Crew	
DRY-VEN5	2021-DRY	Dry	8/10/2021 11:40:00 AM	8/10/2021 11:40:00 AM	Salinity	n/a	=	500	mg/L	Field Meter	-88	100	Field Crew	
DRY-VEN5	2021-DRY	Dry	8/10/2021 11:40:00 AM	8/10/2021 11:40:00 AM	Specific Conductance	n/a	=	935	µmhos/cm	Field Meter	-88	1	Field Crew	
DRY-VEN5	2021-DRY	Dry	8/10/2021 11:40:00 AM	8/10/2021 11:40:00 AM	Temperature	n/a	=	19.8	°C	Field Meter	-88	0.1	Field Crew	
DRY-VEN5	2021-DRY	Dry	8/10/2021 11:40:00 AM	9/2/2021 7:08:00 PM	Total Organic Carbon	n/a	=	12	mg/L	SM 5310 B	0.19	0.3	WKL	
DRY-VEN5	2021-DRY	Dry	8/10/2021 11:40:00 AM	8/10/2021 11:40:00 AM	Turbidity	n/a	=	72.7	NTU	Field Meter	-88	0.01	Field Crew	
DRY-VEN5	2021-DRY	Dry	8/10/2021 11:40:00 AM	8/26/2021 6:49:00 PM	Copper	Dissolved	=	0.75	µg/L	EPA 200.8	0.23	0.5	WKL	
DRY-VEN5	2021-DRY	Dry	8/10/2021 11:40:00 AM	8/26/2021 6:49:00 PM	Lead	Dissolved	<	0.083	µg/L	EPA 200.8	0.083	0.2	WKL	
DRY-VEN5	2021-DRY	Dry	8/10/2021 11:40:00 AM	8/26/2021 6:49:00 PM	Zinc	Dissolved	DNQ	3.2	µg/L	EPA 200.8	0.8	10	WKL	UL-MB
ME-CC	2020/21-1	Wet	12/28/2020 6:10:00 AM	12/29/2020 11:58:00 AM	E. Coli	n/a	=	1951	MPN/100 mL	MMO-MUG	10	10	VCHCA	
ME-CC	2020/21-1	Wet	12/28/2020 6:10:00 AM	12/29/2020 11:58:00 AM	Total Coliform	n/a	=	3640	MPN/100 mL	MMO-MUG	100	100	VCHCA	
ME-CC	2020/21-1	Wet	12/28/2020 6:10:00 AM	12/28/2020 6:10:00 AM	Conductivity	n/a	=	794	µmhos/cm	Field Meter	-88	1	Field Crew	
ME-CC	2020/21-1	Wet	12/28/2020 6:10:00 AM	1/5/2021 2:12:00 PM	Cyanide	Total	=	0.0043	mg/L	ASTM D7511	0.0003	0.002	WKL	
ME-CC	2020/21-1	Wet	12/28/2020 6:10:00 AM	12/28/2020 6:10:00 AM	DO	n/a	=	7.76	mg/L	Field Meter	-88	0.3	Field Crew	
ME-CC	2020/21-1	Wet	12/28/2020 6:10:00 AM	12/28/2020 6:10:00 AM	DO	n/a	=	74	%	Field Meter	-88	0.1	Field Crew	
ME-CC	2020/21-1	Wet	12/28/2020 6:10:00 AM	12/28/2020 6:10:00 AM	pH	n/a	=	7.49	pH Units	Field Meter	-88	0.01	Field Crew	
ME-CC	2020/21-1	Wet	12/28/2020 6:10:00 AM	12/28/2020 6:10:00 AM	Salinity	n/a	=	500	mg/L	Field Meter	-88	100	Field Crew	
ME-CC	2020/21-1	Wet	12/28/2020 6:10:00 AM	12/28/2020 6:10:00 AM	Specific Conductance	n/a	=	1032	µmhos/cm	Field Meter	-88	1	Field Crew	
ME-CC	2020/21-1	Wet	12/28/2020 6:10:00 AM	12/28/2020 6:10:00 AM	Temperature	n/a	=	12.8	°C	Field Meter	-88	0.1	Field Crew	
ME-CC	2020/21-1	Wet	12/28/2020 6:10:00 AM	1/3/2021 5:51:00 PM	Gasoline Range Organics	n/a	<	0.065	mg/L	LUFT GC/MS	0.065	0.1	WKL	
ME-CC	2020/21-1	Wet	12/28/2020 6:10:00 AM	1/8/2021 6:25:00 PM	Oil and Grease	n/a	DNQ	0.8	mg/L	EPA 1664B	0.7	5	WKL	
ME-CC	2020/21-1	Wet	12/28/2020 6:10:00 AM	12/29/2020 11:13:00 AM	2-Chloroethyl vinyl ether	n/a	<	0.19	µg/L	EPA 624.1	0.19	1	WKL	
ME-CC	2020/21-1	Wet	12/28/2020 6:10:00 AM	12/29/2020 11:13:00 AM	Methyl tert-butyl ether (MTBE)	n/a	<	0.4	µg/L	EPA 624.1	0.4	1	WKL	
ME-CC	2020/21-1	Wet	12/28/2020 11:37:00 AM	12/30/2020 1:34:00 AM	Chloride	n/a	=	77	mg/L	EPA 300.0	0.17	1	WKL	
ME-CC	2020/21-1	Wet	12/28/2020 11:37:00 AM	12/30/2020 1:34:00 AM	Fluoride	n/a	=	0.55	mg/L	EPA 300.0	0.018	0.2	WKL	
ME-CC	2020/21-1	Wet	12/28/2020 11:37:00 AM	12/30/2020 8:16:00 PM	Perchlorate	n/a	<	0.84	µg/L	EPA 314.0	0.84	2	WKL	
ME-CC	2020/21-1	Wet	12/28/2020 11:37:00 AM	1/2/2021 11:26:00 AM	Calcium	Total	=	169	mg/L	EPA 200.7	0.016	0.1	WKL	
ME-CC	2020/21-1	Wet	12/28/2020 11:37:00 AM	1/2/2021 11:26:00 AM	Magnesium	Total	=	70.5	mg/L	EPA 200.7	0.012	0.1	WKL	
ME-CC	2020/21-1	Wet	12/28/2020 11:37:00 AM	1/4/2021 11:46:00 AM	Alkalinity as CaCO3	n/a	=	260	mg/L	SM 2320 B	0.56	5	WKL	
ME-CC	2020/21-1	Wet	12/28/2020 11:37:00 AM	1/3/2021 12:02:00 PM	BOD	n/a	=	5.7	mg/L	SM 5210 B	2	2	WKL	
ME-CC	2020/21-1	Wet	12/28/2020 11:37:00 AM	12/30/2020 12:38:00 PM	COD	n/a	=	17	mg/L	EPA 410.4	2.9	5	WKL	
ME-CC	2020/21-1	Wet	12/28/2020 11:37:00 AM	1/2/2021 11:26:00 AM	Hardness as CaCO3	Total	=	713	mg/L	EPA 200.7	0.0894	0.662	WKL	
ME-CC	2020/21-1	Wet	12/28/2020 11:37:00 AM	12/29/2020 3:14:00 PM	MBAS	n/a	=	0.067	mg/L	SM 5540 C	0.017	0.05	WKL	
ME-CC	2020/21-1	Wet	12/28/2020 11:37:00 AM	1/5/2021 1:33:00 PM	Phenolics	n/a	=	0.013	mg/L	EPA 420.4	0.0032	0.01	WKL	
ME-CC	2020/21-1	Wet	12/28/2020 11:37:00 AM	1/5/2021 12:32:00 PM	Specific Conductance	n/a	=	1700	µmhos/cm	SM 2510 B	0.47	4	WKL	
ME-CC	2020/21-1	Wet	12/28/2020 11:37:00 AM	12/29/2020 6:26:00 PM	Total Chlorine Residual	n/a	=	0.059	mg/L	SM 4500-Cl G	0.0076	0.05	WKL	EST-HT
ME-CC	2020/21-1	Wet	12/28/2020 11:37:00 AM	12/30/2020 6:44:00 PM	Total Dissolved Solids	n/a	=	1300	mg/L	SM 2540 C	4	10	WKL	
ME-CC	2020/21-1	Wet	12/28/2020 11:37:00 AM	12/30/2020 2:24:00 PM	Total Organic Carbon	n/a	=	7.3	mg/L	SM 5310 B	0.096	0.3	WKL	
ME-CC	2020/21-1	Wet	12/28/2020 11:37:00 AM	12/30/2020 12:43:00 PM	Total Suspended Solids	n/a	=	15	mg/L	SM 2540 D	-88	5	WKL	
ME-CC	2020/21-1	Wet	12/28/2020 11:37:00 AM	12/29/2020 3:28:00 PM	Turbidity	n/a	=	3.2	NTU	EPA 180.1	0.017	0.1	WKL	
ME-CC	2020/21-1	Wet	12/28/2020 11:37:00 AM	12/30/2020 12:43:00 PM	Volatile Suspended Solids	n/a	DNQ	4	mg/L	EPA 160.4	3.1	5	WKL	
ME-CC	2020/21-1	Wet	12/28/2020 11:37:00 AM	1/11/2021 8:35:00 PM	Diesel Range Organics	n/a	=	0.19	mg/L	EPA 8015B	0.032	0.1	WKL	UL-MB
ME-CC	2020/21-1	Wet	12/28/2020 11:37:00 AM	1/11/2021 8:35:00 PM	Oil Range Organics	n/a	<	0.33	mg/L	EPA 8015B	0.33	0.5	WKL	
ME-CC	2020/21-1	Wet	12/28/2020 11:37:00 AM	1/4/2021 3:07:00 PM	Aluminum	Dissolved	<	4.4	µg/L	EPA 200.8	4.4	20	WKL	
ME-CC	2020/21-1	Wet	12/28/2020 11:37:00 AM	1/4/2021 3:10:00 PM	Aluminum	Total	=	73	µg/L	EPA 200.8	4.4	20	WKL	
ME-CC	2020/21-1	Wet	12/28/2020 11:37:00 AM	1/4/2021 3:07:00 PM	Antimony	Dissolved	DNQ	0.27	µg/L	EPA 200.8	0.089	0.5	WKL	
ME-CC	2020/21-1	Wet	12/28/2020 11:37:00 AM	1/4/2021 3:10:00 PM	Antimony	Total	DNQ	0.29	µg/L	EPA 200.8	0.089	0.5	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
ME-CC	2020/21-1	Wet	12/28/2020 11:37:00 AM	1/4/2021 3:07:00 PM	Arsenic	Dissolved	=	0.77	µg/L	EPA 200.8	0.074	0.4	WKL	
ME-CC	2020/21-1	Wet	12/28/2020 11:37:00 AM	1/4/2021 3:10:00 PM	Arsenic	Total	=	0.87	µg/L	EPA 200.8	0.074	0.4	WKL	
ME-CC	2020/21-1	Wet	12/28/2020 11:37:00 AM	1/4/2021 3:10:00 PM	Barium	Total	=	38	µg/L	EPA 200.8	0.14	1	WKL	
ME-CC	2020/21-1	Wet	12/28/2020 11:37:00 AM	1/4/2021 3:07:00 PM	Beryllium	Dissolved	<	0.062	µg/L	EPA 200.8	0.062	0.1	WKL	
ME-CC	2020/21-1	Wet	12/28/2020 11:37:00 AM	1/4/2021 3:10:00 PM	Beryllium	Total	<	0.062	µg/L	EPA 200.8	0.062	0.1	WKL	
ME-CC	2020/21-1	Wet	12/28/2020 11:37:00 AM	1/4/2021 3:07:00 PM	Cadmium	Dissolved	DNQ	0.079	µg/L	EPA 200.8	0.042	0.2	WKL	
ME-CC	2020/21-1	Wet	12/28/2020 11:37:00 AM	1/4/2021 3:10:00 PM	Cadmium	Total	DNQ	0.09	µg/L	EPA 200.8	0.042	0.2	WKL	
ME-CC	2020/21-1	Wet	12/28/2020 11:37:00 AM	1/4/2021 3:07:00 PM	Chromium	Dissolved	DNQ	0.13	µg/L	EPA 200.8	0.089	0.2	WKL	
ME-CC	2020/21-1	Wet	12/28/2020 11:37:00 AM	1/4/2021 3:10:00 PM	Chromium	Total	=	0.23	µg/L	EPA 200.8	0.089	0.2	WKL	
ME-CC	2020/21-1	Wet	12/28/2020 11:37:00 AM	12/30/2020 2:24:00 PM	Chromium VI	n/a	=	0.052	µg/L	EPA 218.6	0.0079	0.02	WKL	
ME-CC	2020/21-1	Wet	12/28/2020 11:37:00 AM	1/4/2021 3:07:00 PM	Copper	Dissolved	=	3.3	µg/L	EPA 200.8	0.23	0.5	WKL	
ME-CC	2020/21-1	Wet	12/28/2020 11:37:00 AM	1/4/2021 3:10:00 PM	Copper	Total	=	3.9	µg/L	EPA 200.8	0.23	0.5	WKL	
ME-CC	2020/21-1	Wet	12/28/2020 11:37:00 AM	1/4/2021 3:07:00 PM	Iron	Dissolved	=	20	µg/L	EPA 200.8	3.9	20	WKL	
ME-CC	2020/21-1	Wet	12/28/2020 11:37:00 AM	1/4/2021 3:10:00 PM	Iron	Total	=	170	µg/L	EPA 200.8	3.9	20	WKL	
ME-CC	2020/21-1	Wet	12/28/2020 11:37:00 AM	1/4/2021 3:07:00 PM	Lead	Dissolved	<	0.083	µg/L	EPA 200.8	0.083	0.2	WKL	
ME-CC	2020/21-1	Wet	12/28/2020 11:37:00 AM	1/4/2021 3:10:00 PM	Lead	Total	=	0.29	µg/L	EPA 200.8	0.083	0.2	WKL	UL-MB
ME-CC	2020/21-1	Wet	12/28/2020 11:37:00 AM	1/5/2021 1:49:00 PM	Mercury	Dissolved	<	17	ng/L	EPA 245.1	17	50	WKL	
ME-CC	2020/21-1	Wet	12/28/2020 11:37:00 AM	1/5/2021 1:50:00 PM	Mercury	Total	<	17	ng/L	EPA 245.1	17	50	WKL	
ME-CC	2020/21-1	Wet	12/28/2020 11:37:00 AM	1/4/2021 3:07:00 PM	Nickel	Dissolved	=	2.1	µg/L	EPA 200.8	0.16	2	WKL	
ME-CC	2020/21-1	Wet	12/28/2020 11:37:00 AM	1/4/2021 3:10:00 PM	Nickel	Total	=	2.3	µg/L	EPA 200.8	0.16	2	WKL	
ME-CC	2020/21-1	Wet	12/28/2020 11:37:00 AM	1/4/2021 3:07:00 PM	Selenium	Dissolved	=	4.2	µg/L	EPA 200.8	0.067	0.4	WKL	
ME-CC	2020/21-1	Wet	12/28/2020 11:37:00 AM	1/4/2021 3:10:00 PM	Selenium	Total	=	4.4	µg/L	EPA 200.8	0.067	0.4	WKL	
ME-CC	2020/21-1	Wet	12/28/2020 11:37:00 AM	1/4/2021 3:07:00 PM	Silver	Dissolved	DNQ	0.066	µg/L	EPA 200.8	0.03	0.2	WKL	
ME-CC	2020/21-1	Wet	12/28/2020 11:37:00 AM	1/4/2021 3:10:00 PM	Silver	Total	<	0.03	µg/L	EPA 200.8	0.03	0.2	WKL	
ME-CC	2020/21-1	Wet	12/28/2020 11:37:00 AM	1/4/2021 3:07:00 PM	Thallium	Dissolved	<	0.021	µg/L	EPA 200.8	0.021	0.2	WKL	
ME-CC	2020/21-1	Wet	12/28/2020 11:37:00 AM	1/4/2021 3:10:00 PM	Thallium	Total	<	0.021	µg/L	EPA 200.8	0.021	0.2	WKL	
ME-CC	2020/21-1	Wet	12/28/2020 11:37:00 AM	1/4/2021 3:07:00 PM	Zinc	Dissolved	DNQ	3	µg/L	EPA 200.8	0.8	10	WKL	UL-MB
ME-CC	2020/21-1	Wet	12/28/2020 11:37:00 AM	1/4/2021 3:10:00 PM	Zinc	Total	DNQ	4	µg/L	EPA 200.8	0.8	10	WKL	
ME-CC	2020/21-1	Wet	12/28/2020 11:37:00 AM	12/29/2020 5:41:00 PM	Ammonia as N	n/a	DNQ	0.058	mg/L	EPA 350.1	0.047	0.1	WKL	
ME-CC	2020/21-1	Wet	12/28/2020 11:37:00 AM	12/29/2020 12:37:00 PM	Nitrate + Nitrite as N	n/a	=	2	mg/L	EPA 353.2	0.036	0.2	WKL	
ME-CC	2020/21-1	Wet	12/28/2020 11:37:00 AM	12/29/2020 12:37:00 PM	Nitrate as N	n/a	=	1.9	mg/L	EPA 353.2	0.04	0.2	WKL	
ME-CC	2020/21-1	Wet	12/28/2020 11:37:00 AM	1/2/2021 11:23:00 AM	Phosphorus as P	Dissolved	<	0.012	mg/L	EPA 200.7	0.012	0.02	WKL	
ME-CC	2020/21-1	Wet	12/28/2020 11:37:00 AM	1/2/2021 11:26:00 AM	Phosphorus as P	Total	=	0.043	mg/L	EPA 200.7	0.012	0.02	WKL	
ME-CC	2020/21-1	Wet	12/28/2020 11:37:00 AM	12/31/2020 1:19:00 PM	TKN	n/a	=	0.63	mg/L	EPA 351.2	0.065	0.1	WKL	
ME-CC	2020/21-1	Wet	12/28/2020 11:37:00 AM	2/2/2021 7:32:00 PM	1,2,4-Trichlorobenzene	n/a	<	0.98	µg/L	EPA 625.1	0.98	2	WKL	
ME-CC	2020/21-1	Wet	12/28/2020 11:37:00 AM	2/2/2021 7:32:00 PM	1,2-Dichlorobenzene	n/a	<	0.92	µg/L	EPA 625.1	0.92	2	WKL	
ME-CC	2020/21-1	Wet	12/28/2020 11:37:00 AM	2/2/2021 7:32:00 PM	1,2-Diphenylhydrazine	n/a	<	0.6	µg/L	EPA 625.1	0.6	2	WKL	
ME-CC	2020/21-1	Wet	12/28/2020 11:37:00 AM	2/2/2021 7:32:00 PM	1,3-Dichlorobenzene	n/a	<	0.84	µg/L	EPA 625.1	0.84	2	WKL	
ME-CC	2020/21-1	Wet	12/28/2020 11:37:00 AM	2/2/2021 7:32:00 PM	1,4-Dichlorobenzene	n/a	<	0.96	µg/L	EPA 625.1	0.96	2	WKL	
ME-CC	2020/21-1	Wet	12/28/2020 11:37:00 AM	1/30/2021 5:52:00 PM	1-Methylnaphthalene	n/a	<	0.048	µg/L	EPA 8270C	0.048	0.2	WKL	
ME-CC	2020/21-1	Wet	12/28/2020 11:37:00 AM	2/1/2021 11:42:00 PM	2,4,5-Trichlorophenol	n/a	<	0.58	µg/L	EPA 8270C	0.58	2	WKL	
ME-CC	2020/21-1	Wet	12/28/2020 11:37:00 AM	2/1/2021 11:42:00 PM	2,4,6-Trichlorophenol	n/a	<	0.6	µg/L	EPA 8270C	0.6	2	WKL	
ME-CC	2020/21-1	Wet	12/28/2020 11:37:00 AM	2/2/2021 7:32:00 PM	2,4,6-Trichlorophenol	n/a	<	0.44	µg/L	EPA 625.1	0.44	2	WKL	
ME-CC	2020/21-1	Wet	12/28/2020 11:37:00 AM	2/1/2021 11:42:00 PM	2,4-Dichlorophenol	n/a	<	1	µg/L	EPA 8270C	1	2	WKL	
ME-CC	2020/21-1	Wet	12/28/2020 11:37:00 AM	2/2/2021 7:32:00 PM	2,4-Dichlorophenol	n/a	<	0.52	µg/L	EPA 625.1	0.52	2	WKL	
ME-CC	2020/21-1	Wet	12/28/2020 11:37:00 AM	2/1/2021 11:42:00 PM	2,4-Dimethylphenol	n/a	<	2	µg/L	EPA 8270C	2	4	WKL	LB-LCSR
ME-CC	2020/21-1	Wet	12/28/2020 11:37:00 AM	2/2/2021 7:32:00 PM	2,4-Dimethylphenol	n/a	<	0.6	µg/L	EPA 625.1	0.6	2	WKL	
ME-CC	2020/21-1	Wet	12/28/2020 11:37:00 AM	2/2/2021 7:32:00 PM	2,4-Dinitrophenol	n/a	<	3.7	µg/L	EPA 625.1	3.7	20	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
ME-CC	2020/21-1	Wet	12/28/2020 11:37:00 AM	2/1/2021 11:42:00 PM	2,4-Dinitrophenol	n/a	<	2	µg/L	EPA 8270C	2	4	WKL	
ME-CC	2020/21-1	Wet	12/28/2020 11:37:00 AM	2/2/2021 7:32:00 PM	2,4-Dinitrotoluene	n/a	<	0.36	µg/L	EPA 625.1	0.36	2	WKL	
ME-CC	2020/21-1	Wet	12/28/2020 11:37:00 AM	2/2/2021 7:32:00 PM	2,6-Dinitrotoluene	n/a	<	0.54	µg/L	EPA 625.1	0.54	2	WKL	
ME-CC	2020/21-1	Wet	12/28/2020 11:37:00 AM	2/2/2021 7:32:00 PM	2-Chloronaphthalene	n/a	<	0.9	µg/L	EPA 625.1	0.9	2	WKL	
ME-CC	2020/21-1	Wet	12/28/2020 11:37:00 AM	2/2/2021 7:32:00 PM	2-Chlorophenol	n/a	<	0.56	µg/L	EPA 625.1	0.56	2	WKL	
ME-CC	2020/21-1	Wet	12/28/2020 11:37:00 AM	2/1/2021 11:42:00 PM	2-Chlorophenol	n/a	<	1.3	µg/L	EPA 8270C	1.3	2	WKL	
ME-CC	2020/21-1	Wet	12/28/2020 11:37:00 AM	1/30/2021 5:52:00 PM	2-Methylnaphthalene	n/a	<	0.052	µg/L	EPA 8270C	0.052	0.2	WKL	
ME-CC	2020/21-1	Wet	12/28/2020 11:37:00 AM	2/1/2021 11:42:00 PM	2-Methylphenol	n/a	<	0.68	µg/L	EPA 8270C	0.68	2	WKL	
ME-CC	2020/21-1	Wet	12/28/2020 11:37:00 AM	2/2/2021 7:32:00 PM	2-Nitrophenol	n/a	<	0.52	µg/L	EPA 625.1	0.52	2	WKL	
ME-CC	2020/21-1	Wet	12/28/2020 11:37:00 AM	2/1/2021 11:42:00 PM	2-Nitrophenol	n/a	<	1.4	µg/L	EPA 8270C	1.4	2	WKL	
ME-CC	2020/21-1	Wet	12/28/2020 11:37:00 AM	2/2/2021 7:32:00 PM	3,3'-Dichlorobenzidine	n/a	<	2	µg/L	EPA 625.1	2	10	WKL	
ME-CC	2020/21-1	Wet	12/28/2020 11:37:00 AM	2/1/2021 11:42:00 PM	3-/4-Methylphenol	n/a	<	0.6	µg/L	EPA 8270C	0.6	2	WKL	
ME-CC	2020/21-1	Wet	12/28/2020 11:37:00 AM	2/2/2021 7:32:00 PM	4,6-Dinitro-2-methylphenol	n/a	<	2.8	µg/L	EPA 625.1	2.8	10	WKL	
ME-CC	2020/21-1	Wet	12/28/2020 11:37:00 AM	2/1/2021 11:42:00 PM	4,6-Dinitro-2-methylphenol	n/a	<	0.28	µg/L	EPA 8270C	0.28	2	WKL	
ME-CC	2020/21-1	Wet	12/28/2020 11:37:00 AM	2/2/2021 7:32:00 PM	4-Bromophenyl phenyl ether	n/a	<	0.72	µg/L	EPA 625.1	0.72	2	WKL	
ME-CC	2020/21-1	Wet	12/28/2020 11:37:00 AM	2/2/2021 7:32:00 PM	4-Chloro-3-methylphenol	n/a	<	0.46	µg/L	EPA 625.1	0.46	2	WKL	
ME-CC	2020/21-1	Wet	12/28/2020 11:37:00 AM	2/1/2021 11:42:00 PM	4-Chloro-3-methylphenol	n/a	<	0.74	µg/L	EPA 8270C	0.74	2	WKL	
ME-CC	2020/21-1	Wet	12/28/2020 11:37:00 AM	2/2/2021 7:32:00 PM	4-Chlorophenyl phenyl ether	n/a	<	0.82	µg/L	EPA 625.1	0.82	2	WKL	
ME-CC	2020/21-1	Wet	12/28/2020 11:37:00 AM	2/1/2021 11:42:00 PM	4-Nitrophenol	n/a	<	2	µg/L	EPA 8270C	2	4	WKL	
ME-CC	2020/21-1	Wet	12/28/2020 11:37:00 AM	2/2/2021 7:32:00 PM	4-Nitrophenol	n/a	<	2.5	µg/L	EPA 625.1	2.5	10	WKL	
ME-CC	2020/21-1	Wet	12/28/2020 11:37:00 AM	2/2/2021 7:32:00 PM	Acenaphthene	n/a	<	0.76	µg/L	EPA 625.1	0.76	2	WKL	
ME-CC	2020/21-1	Wet	12/28/2020 11:37:00 AM	1/30/2021 5:52:00 PM	Acenaphthene	n/a	<	0.056	µg/L	EPA 8270C	0.056	0.2	WKL	
ME-CC	2020/21-1	Wet	12/28/2020 11:37:00 AM	1/30/2021 5:52:00 PM	Acenaphthylene	n/a	<	0.066	µg/L	EPA 8270C	0.066	0.2	WKL	
ME-CC	2020/21-1	Wet	12/28/2020 11:37:00 AM	2/2/2021 7:32:00 PM	Acenaphthylene	n/a	<	0.34	µg/L	EPA 625.1	0.34	2	WKL	
ME-CC	2020/21-1	Wet	12/28/2020 11:37:00 AM	2/2/2021 7:32:00 PM	Anthracene	n/a	<	0.24	µg/L	EPA 625.1	0.24	2	WKL	
ME-CC	2020/21-1	Wet	12/28/2020 11:37:00 AM	1/30/2021 5:52:00 PM	Anthracene	n/a	<	0.05	µg/L	EPA 8270C	0.05	0.2	WKL	
ME-CC	2020/21-1	Wet	12/28/2020 11:37:00 AM	1/30/2021 5:52:00 PM	Benz(a)anthracene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.2	WKL	
ME-CC	2020/21-1	Wet	12/28/2020 11:37:00 AM	2/2/2021 7:32:00 PM	Benz(a)anthracene	n/a	<	0.38	µg/L	EPA 625.1	0.38	2	WKL	
ME-CC	2020/21-1	Wet	12/28/2020 11:37:00 AM	2/2/2021 7:32:00 PM	Benzidine	n/a	<	2.9	µg/L	EPA 625.1	2.9	20	WKL	
ME-CC	2020/21-1	Wet	12/28/2020 11:37:00 AM	2/2/2021 7:32:00 PM	Benzo(a)pyrene	n/a	<	0.78	µg/L	EPA 625.1	0.78	2	WKL	
ME-CC	2020/21-1	Wet	12/28/2020 11:37:00 AM	1/16/2021 12:42:00 AM	Benzo(a)pyrene	n/a	<	0.02	µg/L	EPA 525.2	0.02	0.1	WKL	
ME-CC	2020/21-1	Wet	12/28/2020 11:37:00 AM	1/30/2021 5:52:00 PM	Benzo(a)pyrene	n/a	DNQ	0.11	µg/L	EPA 8270C	0.1	0.2	WKL	
ME-CC	2020/21-1	Wet	12/28/2020 11:37:00 AM	1/30/2021 5:52:00 PM	Benzo(b)fluoranthene	n/a	DNQ	0.1	µg/L	EPA 8270C	0.054	0.2	WKL	
ME-CC	2020/21-1	Wet	12/28/2020 11:37:00 AM	2/2/2021 7:32:00 PM	Benzo(b)fluoranthene	n/a	<	0.92	µg/L	EPA 625.1	0.92	2	WKL	
ME-CC	2020/21-1	Wet	12/28/2020 11:37:00 AM	2/2/2021 7:32:00 PM	Benzo(g,h,i)perylene	n/a	<	0.84	µg/L	EPA 625.1	0.84	4	WKL	
ME-CC	2020/21-1	Wet	12/28/2020 11:37:00 AM	1/30/2021 5:52:00 PM	Benzo(g,h,i)perylene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.2	WKL	
ME-CC	2020/21-1	Wet	12/28/2020 11:37:00 AM	1/30/2021 5:52:00 PM	Benzo(k)fluoranthene	n/a	DNQ	0.12	µg/L	EPA 8270C	0.052	0.2	WKL	
ME-CC	2020/21-1	Wet	12/28/2020 11:37:00 AM	2/2/2021 7:32:00 PM	Benzo(k)fluoranthene	n/a	<	0.44	µg/L	EPA 625.1	0.44	2	WKL	
ME-CC	2020/21-1	Wet	12/28/2020 11:37:00 AM	2/2/2021 7:32:00 PM	Bis(2-chloroethoxy)methane	n/a	<	0.5	µg/L	EPA 625.1	0.5	2	WKL	
ME-CC	2020/21-1	Wet	12/28/2020 11:37:00 AM	2/2/2021 7:32:00 PM	Bis(2-chloroethyl)ether	n/a	<	0.54	µg/L	EPA 625.1	0.54	2	WKL	
ME-CC	2020/21-1	Wet	12/28/2020 11:37:00 AM	2/2/2021 7:32:00 PM	Bis(2-chloroisopropyl)ether	n/a	<	0.76	µg/L	EPA 625.1	0.76	2	WKL	
ME-CC	2020/21-1	Wet	12/28/2020 11:37:00 AM	1/16/2021 12:42:00 AM	Bis(2-ethylhexyl)adipate	n/a	DNQ	0.52	µg/L	EPA 525.2	0.12	5	WKL	UL-MB
ME-CC	2020/21-1	Wet	12/28/2020 11:37:00 AM	2/2/2021 7:32:00 PM	Bis(2-ethylhexyl)phthalate	n/a	<	4.6	µg/L	EPA 625.1	4.6	10	WKL	
ME-CC	2020/21-1	Wet	12/28/2020 11:37:00 AM	1/16/2021 12:42:00 AM	Bis(2-ethylhexyl)phthalate	n/a	=	5.3	µg/L	EPA 525.2	0.41	3	WKL	
ME-CC	2020/21-1	Wet	12/28/2020 11:37:00 AM	2/2/2021 7:32:00 PM	Butyl benzyl phthalate	n/a	<	0.36	µg/L	EPA 625.1	0.36	2	WKL	
ME-CC	2020/21-1	Wet	12/28/2020 11:37:00 AM	2/2/2021 7:32:00 PM	Chrysene	n/a	<	0.38	µg/L	EPA 625.1	0.38	2	WKL	
ME-CC	2020/21-1	Wet	12/28/2020 11:37:00 AM	1/30/2021 5:52:00 PM	Chrysene	n/a	<	0.064	µg/L	EPA 8270C	0.064	0.2	WKL	
ME-CC	2020/21-1	Wet	12/28/2020 11:37:00 AM	2/2/2021 7:32:00 PM	Dibenz(a,h)anthracene	n/a	<	1.1	µg/L	EPA 625.1	1.1	4	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
ME-CC	2020/21-1	Wet	12/28/2020 11:37:00 AM	1/30/2021 5:52:00 PM	Dibenz(a,h)anthracene	n/a	<	0.19	µg/L	EPA 8270C	0.19	0.2	WKL	
ME-CC	2020/21-1	Wet	12/28/2020 11:37:00 AM	2/2/2021 7:32:00 PM	Diethyl phthalate	n/a	<	0.3	µg/L	EPA 625.1	0.3	2	WKL	
ME-CC	2020/21-1	Wet	12/28/2020 11:37:00 AM	2/2/2021 7:32:00 PM	Dimethyl phthalate	n/a	<	0.36	µg/L	EPA 625.1	0.36	2	WKL	
ME-CC	2020/21-1	Wet	12/28/2020 11:37:00 AM	2/2/2021 7:32:00 PM	Di-n-butylphthalate	n/a	<	0.2	µg/L	EPA 625.1	0.2	2	WKL	
ME-CC	2020/21-1	Wet	12/28/2020 11:37:00 AM	2/2/2021 7:32:00 PM	Di-n-octylphthalate	n/a	<	0.92	µg/L	EPA 625.1	0.92	2	WKL	
ME-CC	2020/21-1	Wet	12/28/2020 11:37:00 AM	2/2/2021 7:32:00 PM	Fluoranthene	n/a	<	0.16	µg/L	EPA 625.1	0.16	2	WKL	
ME-CC	2020/21-1	Wet	12/28/2020 11:37:00 AM	1/30/2021 5:52:00 PM	Fluoranthene	n/a	<	0.078	µg/L	EPA 8270C	0.078	0.2	WKL	
ME-CC	2020/21-1	Wet	12/28/2020 11:37:00 AM	2/2/2021 7:32:00 PM	Fluorene	n/a	<	0.7	µg/L	EPA 625.1	0.7	2	WKL	
ME-CC	2020/21-1	Wet	12/28/2020 11:37:00 AM	1/30/2021 5:52:00 PM	Fluorene	n/a	<	0.058	µg/L	EPA 8270C	0.058	0.2	WKL	
ME-CC	2020/21-1	Wet	12/28/2020 11:37:00 AM	2/2/2021 7:32:00 PM	Hexachlorobenzene	n/a	<	0.98	µg/L	EPA 625.1	0.98	2	WKL	
ME-CC	2020/21-1	Wet	12/28/2020 11:37:00 AM	2/2/2021 7:32:00 PM	Hexachlorobutadiene	n/a	<	0.94	µg/L	EPA 625.1	0.94	2	WKL	
ME-CC	2020/21-1	Wet	12/28/2020 11:37:00 AM	2/2/2021 7:32:00 PM	Hexachlorocyclopentadiene	n/a	<	2	µg/L	EPA 625.1	2	10	WKL	
ME-CC	2020/21-1	Wet	12/28/2020 11:37:00 AM	2/2/2021 7:32:00 PM	Hexachloroethane	n/a	<	1	µg/L	EPA 625.1	1	2	WKL	
ME-CC	2020/21-1	Wet	12/28/2020 11:37:00 AM	2/2/2021 7:32:00 PM	Indeno(1,2,3-cd)pyrene	n/a	<	1.1	µg/L	EPA 625.1	1.1	4	WKL	
ME-CC	2020/21-1	Wet	12/28/2020 11:37:00 AM	1/30/2021 5:52:00 PM	Indeno(1,2,3-cd)pyrene	n/a	<	0.13	µg/L	EPA 8270C	0.13	0.2	WKL	
ME-CC	2020/21-1	Wet	12/28/2020 11:37:00 AM	2/2/2021 7:32:00 PM	Isophorone	n/a	<	0.42	µg/L	EPA 625.1	0.42	2	WKL	
ME-CC	2020/21-1	Wet	12/28/2020 11:37:00 AM	2/2/2021 7:32:00 PM	Naphthalene	n/a	<	0.98	µg/L	EPA 625.1	0.98	2	WKL	
ME-CC	2020/21-1	Wet	12/28/2020 11:37:00 AM	1/30/2021 5:52:00 PM	Naphthalene	n/a	<	0.052	µg/L	EPA 8270C	0.052	0.2	WKL	
ME-CC	2020/21-1	Wet	12/28/2020 11:37:00 AM	2/2/2021 7:32:00 PM	Nitrobenzene	n/a	<	0.72	µg/L	EPA 625.1	0.72	2	WKL	
ME-CC	2020/21-1	Wet	12/28/2020 11:37:00 AM	2/2/2021 7:32:00 PM	N-Nitrosodimethylamine	n/a	<	1	µg/L	EPA 625.1	1	2	WKL	
ME-CC	2020/21-1	Wet	12/28/2020 11:37:00 AM	2/2/2021 7:32:00 PM	N-Nitrosodi-N-propylamine	n/a	<	0.52	µg/L	EPA 625.1	0.52	2	WKL	
ME-CC	2020/21-1	Wet	12/28/2020 11:37:00 AM	2/2/2021 7:32:00 PM	N-Nitrosodiphenylamine	n/a	<	0.38	µg/L	EPA 625.1	0.38	2	WKL	
ME-CC	2020/21-1	Wet	12/28/2020 11:37:00 AM	1/30/2021 5:52:00 PM	Phenanthrene	n/a	<	0.058	µg/L	EPA 8270C	0.058	0.2	WKL	
ME-CC	2020/21-1	Wet	12/28/2020 11:37:00 AM	2/2/2021 7:32:00 PM	Phenanthrene	n/a	<	0.64	µg/L	EPA 625.1	0.64	2	WKL	
ME-CC	2020/21-1	Wet	12/28/2020 11:37:00 AM	2/2/2021 7:32:00 PM	Phenol	n/a	<	0.32	µg/L	EPA 625.1	0.32	2	WKL	
ME-CC	2020/21-1	Wet	12/28/2020 11:37:00 AM	2/1/2021 11:42:00 PM	Phenol	n/a	<	0.7	µg/L	EPA 8270C	0.7	2	WKL	
ME-CC	2020/21-1	Wet	12/28/2020 11:37:00 AM	2/2/2021 7:32:00 PM	Pyrene	n/a	<	0.5	µg/L	EPA 625.1	0.5	2	WKL	
ME-CC	2020/21-1	Wet	12/28/2020 11:37:00 AM	1/30/2021 5:52:00 PM	Pyrene	n/a	<	0.08	µg/L	EPA 8270C	0.08	0.2	WKL	
ME-CC	2020/21-1	Wet	12/28/2020 11:37:00 AM	1/12/2021 5:14:00 PM	PCB Aroclor 1016	n/a	<	2.5	µg/L	EPA 608.3	2.5	2.5	WKL	
ME-CC	2020/21-1	Wet	12/28/2020 11:37:00 AM	1/12/2021 5:14:00 PM	PCB Aroclor 1221	n/a	<	2.5	µg/L	EPA 608.3	2.5	2.5	WKL	
ME-CC	2020/21-1	Wet	12/28/2020 11:37:00 AM	1/12/2021 5:14:00 PM	PCB Aroclor 1232	n/a	<	2.5	µg/L	EPA 608.3	2.5	2.5	WKL	
ME-CC	2020/21-1	Wet	12/28/2020 11:37:00 AM	1/12/2021 5:14:00 PM	PCB Aroclor 1242	n/a	<	2.5	µg/L	EPA 608.3	2.5	2.5	WKL	
ME-CC	2020/21-1	Wet	12/28/2020 11:37:00 AM	1/12/2021 5:14:00 PM	PCB Aroclor 1248	n/a	<	2.5	µg/L	EPA 608.3	2.5	2.5	WKL	
ME-CC	2020/21-1	Wet	12/28/2020 11:37:00 AM	1/12/2021 5:14:00 PM	PCB Aroclor 1254	n/a	<	2.5	µg/L	EPA 608.3	2.5	2.5	WKL	
ME-CC	2020/21-1	Wet	12/28/2020 11:37:00 AM	1/12/2021 5:14:00 PM	PCB Aroclor 1260	n/a	<	2.5	µg/L	EPA 608.3	2.5	2.5	WKL	
ME-CC	2020/21-1	Wet	12/28/2020 11:37:00 AM	1/8/2021 2:58:00 AM	2,4,5-T	n/a	<	0.055	µg/L	EPA 515.4	0.055	0.2	WKL	
ME-CC	2020/21-1	Wet	12/28/2020 11:37:00 AM	1/8/2021 2:58:00 AM	2,4,5-TP	n/a	<	0.046	µg/L	EPA 515.4	0.046	0.2	WKL	
ME-CC	2020/21-1	Wet	12/28/2020 11:37:00 AM	1/8/2021 2:58:00 AM	2,4-D	n/a	<	0.14	µg/L	EPA 515.4	0.14	0.4	WKL	
ME-CC	2020/21-1	Wet	12/28/2020 11:37:00 AM	1/8/2021 2:58:00 AM	2,4-DB	n/a	<	0.19	µg/L	EPA 515.4	0.19	2	WKL	
ME-CC	2020/21-1	Wet	12/28/2020 11:37:00 AM	1/8/2021 2:58:00 AM	3,5-Dichlorobenzoic acid	n/a	<	0.12	µg/L	EPA 515.4	0.12	1	WKL	
ME-CC	2020/21-1	Wet	12/28/2020 11:37:00 AM	1/12/2021 5:14:00 PM	4,4'-DDD	n/a	<	0.0035	µg/L	EPA 608.3	0.0035	0.25	WKL	
ME-CC	2020/21-1	Wet	12/28/2020 11:37:00 AM	1/12/2021 5:14:00 PM	4,4'-DDE	n/a	<	0.0035	µg/L	EPA 608.3	0.0035	0.25	WKL	
ME-CC	2020/21-1	Wet	12/28/2020 11:37:00 AM	1/12/2021 5:14:00 PM	4,4'-DDT	n/a	<	0.0055	µg/L	EPA 608.3	0.0055	0.05	WKL	
ME-CC	2020/21-1	Wet	12/28/2020 11:37:00 AM	1/8/2021 2:58:00 AM	Acifluorfen	n/a	<	0.072	µg/L	EPA 515.4	0.072	0.4	WKL	
ME-CC	2020/21-1	Wet	12/28/2020 11:37:00 AM	1/16/2021 12:42:00 AM	Alachlor	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1	WKL	
ME-CC	2020/21-1	Wet	12/28/2020 11:37:00 AM	1/12/2021 5:14:00 PM	Aldrin	n/a	<	0.005	µg/L	EPA 608.3	0.005	0.025	WKL	
ME-CC	2020/21-1	Wet	12/28/2020 11:37:00 AM	1/12/2021 5:14:00 PM	alpha-BHC	n/a	<	0.0055	µg/L	EPA 608.3	0.0055	0.05	WKL	
ME-CC	2020/21-1	Wet	12/28/2020 11:37:00 AM	1/12/2021 5:14:00 PM	alpha-Chlordane	n/a	<	0.014	µg/L	EPA 608.3	0.014	0.05	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
ME-CC	2020/21-1	Wet	12/28/2020 11:37:00 AM	1/16/2021 12:42:00 AM	Atrazine	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1	WKL	
ME-CC	2020/21-1	Wet	12/28/2020 11:37:00 AM	1/20/2021 12:29:00 AM	Azinphos methyl	n/a	<	0.0055	µg/L	EPA 625.1m	0.0055	0.01	WKL	
ME-CC	2020/21-1	Wet	12/28/2020 11:37:00 AM	1/8/2021 2:58:00 AM	Bentazon	n/a	<	0.23	µg/L	EPA 515.4	0.23	2	WKL	
ME-CC	2020/21-1	Wet	12/28/2020 11:37:00 AM	1/12/2021 5:14:00 PM	beta-BHC	n/a	<	0.0075	µg/L	EPA 608.3	0.0075	0.025	WKL	
ME-CC	2020/21-1	Wet	12/28/2020 11:37:00 AM	1/20/2021 12:29:00 AM	Bolstar	n/a	<	0.0046	µg/L	EPA 625.1m	0.0046	0.01	WKL	
ME-CC	2020/21-1	Wet	12/28/2020 11:37:00 AM	1/16/2021 12:42:00 AM	Bromacil	n/a	<	0.16	µg/L	EPA 525.2	0.16	0.5	WKL	
ME-CC	2020/21-1	Wet	12/28/2020 11:37:00 AM	1/16/2021 12:42:00 AM	Butachlor	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1	WKL	
ME-CC	2020/21-1	Wet	12/28/2020 11:37:00 AM	1/16/2021 12:42:00 AM	Captan	n/a	<	0.16	µg/L	EPA 525.2	0.16	1	WKL	
ME-CC	2020/21-1	Wet	12/28/2020 11:37:00 AM	1/12/2021 5:14:00 PM	Chlordane (technical)	n/a	<	0.5	µg/L	EPA 608.3	0.5	0.5	WKL	
ME-CC	2020/21-1	Wet	12/28/2020 11:37:00 AM	1/16/2021 12:42:00 AM	Chlorpropham	n/a	<	0.04	µg/L	EPA 525.2	0.04	0.1	WKL	
ME-CC	2020/21-1	Wet	12/28/2020 11:37:00 AM	1/20/2021 12:29:00 AM	Chlorpyrifos	n/a	<	0.0069	µg/L	EPA 625.1m	0.0069	0.01	WKL	
ME-CC	2020/21-1	Wet	12/28/2020 11:37:00 AM	1/20/2021 12:29:00 AM	Coumaphos	n/a	<	0.0051	µg/L	EPA 625.1m	0.0051	0.01	WKL	
ME-CC	2020/21-1	Wet	12/28/2020 11:37:00 AM	1/16/2021 12:42:00 AM	Cyanazine	n/a	<	0.04	µg/L	EPA 525.2	0.04	0.1	WKL	
ME-CC	2020/21-1	Wet	12/28/2020 11:37:00 AM	1/8/2021 2:58:00 AM	Dalapon	n/a	<	0.11	µg/L	EPA 515.4	0.11	0.4	WKL	
ME-CC	2020/21-1	Wet	12/28/2020 11:37:00 AM	1/8/2021 2:58:00 AM	DCPA (Dacthal)	n/a	<	0.053	µg/L	EPA 515.4	0.053	0.1	WKL	
ME-CC	2020/21-1	Wet	12/28/2020 11:37:00 AM	1/12/2021 5:14:00 PM	delta-BHC	n/a	<	0.025	µg/L	EPA 608.3	0.025	0.025	WKL	
ME-CC	2020/21-1	Wet	12/28/2020 11:37:00 AM	1/20/2021 12:29:00 AM	Demeton-O	n/a	<	0.01	µg/L	EPA 625.1m	0.01	0.01	WKL	-LCSRPD, LB-L
ME-CC	2020/21-1	Wet	12/28/2020 11:37:00 AM	1/20/2021 12:29:00 AM	Demeton-S	n/a	<	0.01	µg/L	EPA 625.1m	0.01	0.01	WKL	
ME-CC	2020/21-1	Wet	12/28/2020 11:37:00 AM	1/20/2021 12:29:00 AM	Diazinon	n/a	<	0.0052	µg/L	EPA 625.1m	0.0052	0.01	WKL	EST-LCSRPD
ME-CC	2020/21-1	Wet	12/28/2020 11:37:00 AM	1/16/2021 12:42:00 AM	Diazinon	n/a	<	0.05	µg/L	EPA 525.2	0.05	0.1	WKL	
ME-CC	2020/21-1	Wet	12/28/2020 11:37:00 AM	1/8/2021 2:58:00 AM	Dicamba	n/a	<	0.075	µg/L	EPA 515.4	0.075	0.6	WKL	
ME-CC	2020/21-1	Wet	12/28/2020 11:37:00 AM	1/8/2021 2:58:00 AM	Dichlorprop	n/a	<	0.12	µg/L	EPA 515.4	0.12	0.3	WKL	
ME-CC	2020/21-1	Wet	12/28/2020 11:37:00 AM	1/20/2021 12:29:00 AM	Dichlorvos	n/a	<	0.0029	µg/L	EPA 625.1m	0.0029	0.01	WKL	
ME-CC	2020/21-1	Wet	12/28/2020 11:37:00 AM	1/12/2021 5:14:00 PM	Dieldrin	n/a	<	0.004	µg/L	EPA 608.3	0.004	0.05	WKL	
ME-CC	2020/21-1	Wet	12/28/2020 11:37:00 AM	1/20/2021 12:29:00 AM	Dimethoate	n/a	<	0.0062	µg/L	EPA 625.1m	0.0062	0.01	WKL	
ME-CC	2020/21-1	Wet	12/28/2020 11:37:00 AM	1/16/2021 12:42:00 AM	Dimethoate	n/a	<	0.02	µg/L	EPA 525.2	0.02	0.2	WKL	LB-LCSR
ME-CC	2020/21-1	Wet	12/28/2020 11:37:00 AM	1/8/2021 2:58:00 AM	Dinoseb	n/a	<	0.055	µg/L	EPA 515.4	0.055	0.4	WKL	
ME-CC	2020/21-1	Wet	12/28/2020 11:37:00 AM	1/16/2021 12:42:00 AM	Diphenamid	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1	WKL	
ME-CC	2020/21-1	Wet	12/28/2020 11:37:00 AM	1/16/2021 12:42:00 AM	Disulfoton	n/a	<	0.04	µg/L	EPA 525.2	0.04	0.1	WKL	
ME-CC	2020/21-1	Wet	12/28/2020 11:37:00 AM	1/20/2021 12:29:00 AM	Disulfoton	n/a	<	0.01	µg/L	EPA 625.1m	0.01	0.01	WKL	
ME-CC	2020/21-1	Wet	12/28/2020 11:37:00 AM	1/12/2021 5:14:00 PM	Endosulfan I	n/a	<	0.0045	µg/L	EPA 608.3	0.0045	0.1	WKL	
ME-CC	2020/21-1	Wet	12/28/2020 11:37:00 AM	1/12/2021 5:14:00 PM	Endosulfan II	n/a	<	0.0035	µg/L	EPA 608.3	0.0035	0.05	WKL	
ME-CC	2020/21-1	Wet	12/28/2020 11:37:00 AM	1/12/2021 5:14:00 PM	Endosulfan sulfate	n/a	<	0.0065	µg/L	EPA 608.3	0.0065	0.25	WKL	
ME-CC	2020/21-1	Wet	12/28/2020 11:37:00 AM	1/12/2021 5:14:00 PM	Endrin	n/a	<	0.0085	µg/L	EPA 608.3	0.0085	0.05	WKL	
ME-CC	2020/21-1	Wet	12/28/2020 11:37:00 AM	1/12/2021 5:14:00 PM	Endrin aldehyde	n/a	<	0.0095	µg/L	EPA 608.3	0.0095	0.05	WKL	
ME-CC	2020/21-1	Wet	12/28/2020 11:37:00 AM	1/16/2021 12:42:00 AM	EPTC	n/a	<	0.02	µg/L	EPA 525.2	0.02	0.1	WKL	
ME-CC	2020/21-1	Wet	12/28/2020 11:37:00 AM	1/20/2021 12:29:00 AM	Ethoprop	n/a	<	0.0067	µg/L	EPA 625.1m	0.0067	0.01	WKL	
ME-CC	2020/21-1	Wet	12/28/2020 11:37:00 AM	1/20/2021 12:29:00 AM	Ethyl parathion	n/a	<	0.0054	µg/L	EPA 625.1m	0.0054	0.01	WKL	EST-LCSRPD
ME-CC	2020/21-1	Wet	12/28/2020 11:37:00 AM	1/20/2021 12:29:00 AM	Fensulfothion	n/a	<	0.0029	µg/L	EPA 625.1m	0.0029	0.01	WKL	
ME-CC	2020/21-1	Wet	12/28/2020 11:37:00 AM	1/20/2021 12:29:00 AM	Fenthion	n/a	<	0.0038	µg/L	EPA 625.1m	0.0038	0.01	WKL	
ME-CC	2020/21-1	Wet	12/28/2020 11:37:00 AM	1/12/2021 5:14:00 PM	gamma-BHC (Lindane)	n/a	<	0.002	µg/L	EPA 608.3	0.002	0.1	WKL	
ME-CC	2020/21-1	Wet	12/28/2020 11:37:00 AM	1/12/2021 5:14:00 PM	gamma-Chlordane	n/a	<	0.012	µg/L	EPA 608.3	0.012	0.05	WKL	
ME-CC	2020/21-1	Wet	12/28/2020 11:37:00 AM	12/30/2020 10:39:00 AM	Glyphosate	n/a	DNQ	3.5	µg/L	EPA 547	1.8	5	WKL	
ME-CC	2020/21-1	Wet	12/28/2020 11:37:00 AM	1/12/2021 5:14:00 PM	Heptachlor	n/a	<	0.003	µg/L	EPA 608.3	0.003	0.05	WKL	
ME-CC	2020/21-1	Wet	12/28/2020 11:37:00 AM	1/12/2021 5:14:00 PM	Heptachlor epoxide	n/a	<	0.002	µg/L	EPA 608.3	0.002	0.05	WKL	
ME-CC	2020/21-1	Wet	12/28/2020 11:37:00 AM	1/20/2021 12:29:00 AM	Malathion	n/a	<	0.0076	µg/L	EPA 625.1m	0.0076	0.01	WKL	
ME-CC	2020/21-1	Wet	12/28/2020 11:37:00 AM	1/20/2021 12:29:00 AM	Merphos	n/a	<	0.0058	µg/L	EPA 625.1m	0.0058	0.01	WKL	
ME-CC	2020/21-1	Wet	12/28/2020 11:37:00 AM	1/20/2021 12:29:00 AM	Methyl parathion	n/a	<	0.0063	µg/L	EPA 625.1m	0.0063	0.01	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
ME-CC	2020/21-1	Wet	12/28/2020 11:37:00 AM	1/16/2021 12:42:00 AM	Metolachlor	n/a	DNQ	0.069	µg/L	EPA 525.2	0.03	0.1	WKL	
ME-CC	2020/21-1	Wet	12/28/2020 11:37:00 AM	1/16/2021 12:42:00 AM	Metribuzin	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1	WKL	
ME-CC	2020/21-1	Wet	12/28/2020 11:37:00 AM	1/20/2021 12:29:00 AM	Mevinphos	n/a	<	0.0042	µg/L	EPA 625.1m	0.0042	0.01	WKL	
ME-CC	2020/21-1	Wet	12/28/2020 11:37:00 AM	1/16/2021 12:42:00 AM	Molinate	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1	WKL	
ME-CC	2020/21-1	Wet	12/28/2020 11:37:00 AM	1/20/2021 12:29:00 AM	Naled	n/a	<	0.0076	µg/L	EPA 625.1m	0.0076	0.01	WKL	
ME-CC	2020/21-1	Wet	12/28/2020 11:37:00 AM	2/2/2021 7:32:00 PM	Pentachlorophenol	n/a	<	0.8	µg/L	EPA 625.1	0.8	2	WKL	
ME-CC	2020/21-1	Wet	12/28/2020 11:37:00 AM	1/8/2021 2:58:00 AM	Pentachlorophenol	n/a	<	0.046	µg/L	EPA 515.4	0.046	0.2	WKL	
ME-CC	2020/21-1	Wet	12/28/2020 11:37:00 AM	2/1/2021 11:42:00 PM	Pentachlorophenol	n/a	<	0.3	µg/L	EPA 8270C	0.3	2	WKL	
ME-CC	2020/21-1	Wet	12/28/2020 11:37:00 AM	1/20/2021 12:29:00 AM	Phorate	n/a	<	0.003	µg/L	EPA 625.1m	0.003	0.01	WKL	
ME-CC	2020/21-1	Wet	12/28/2020 11:37:00 AM	1/8/2021 2:58:00 AM	Picloram	n/a	<	0.038	µg/L	EPA 515.4	0.038	0.6	WKL	
ME-CC	2020/21-1	Wet	12/28/2020 11:37:00 AM	1/16/2021 12:42:00 AM	Prometon	n/a	<	0.01	µg/L	EPA 525.2	0.01	0.1	WKL	EST-LCSRPD
ME-CC	2020/21-1	Wet	12/28/2020 11:37:00 AM	1/16/2021 12:42:00 AM	Prometryn	n/a	DNQ	0.051	µg/L	EPA 525.2	0.03	0.1	WKL	EST-LCSRPD
ME-CC	2020/21-1	Wet	12/28/2020 11:37:00 AM	1/20/2021 12:29:00 AM	Ronnel (Fenchlorphos)	n/a	<	0.0041	µg/L	EPA 625.1m	0.0041	0.01	WKL	
ME-CC	2020/21-1	Wet	12/28/2020 11:37:00 AM	1/16/2021 12:42:00 AM	Simazine	n/a	<	0.02	µg/L	EPA 525.2	0.02	0.1	WKL	
ME-CC	2020/21-1	Wet	12/28/2020 11:37:00 AM	1/20/2021 12:29:00 AM	Stirophos (Tetrachlorvinphos)	n/a	<	0.0031	µg/L	EPA 625.1m	0.0031	0.01	WKL	
ME-CC	2020/21-1	Wet	12/28/2020 11:37:00 AM	1/16/2021 12:42:00 AM	Terbacil	n/a	<	0.09	µg/L	EPA 525.2	0.09	2	WKL	
ME-CC	2020/21-1	Wet	12/28/2020 11:37:00 AM	1/16/2021 12:42:00 AM	Thiobencarb	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1	WKL	
ME-CC	2020/21-1	Wet	12/28/2020 11:37:00 AM	1/20/2021 12:29:00 AM	Tokuthion	n/a	<	0.0078	µg/L	EPA 625.1m	0.0078	0.01	WKL	
ME-CC	2020/21-1	Wet	12/28/2020 11:37:00 AM	1/12/2021 5:14:00 PM	Toxaphene	n/a	<	5	µg/L	EPA 608.3	5	5	WKL	
ME-CC	2020/21-1	Wet	12/28/2020 11:37:00 AM	1/20/2021 12:29:00 AM	Trichloronate	n/a	<	0.0067	µg/L	EPA 625.1m	0.0067	0.01	WKL	
ME-CC	2020/21-1	Wet	12/28/2020 11:37:00 AM	1/16/2021 12:42:00 AM	Trithion	n/a	<	0.02	µg/L	EPA 525.2	0.02	0.1	WKL	
ME-CC	2020/21-2	Wet	1/28/2021 10:40:00 PM	1/28/2021 10:40:00 PM	Conductivity	n/a	=	545	µmhos/cm	Field Meter	-88	1	Field Crew	
ME-CC	2020/21-2	Wet	1/28/2021 10:40:00 PM	2/3/2021 5:32:00 PM	Cyanide	Total	DNQ	0.0011	mg/L	ASTM D7511	0.0003	0.002	WKL	UL-MB
ME-CC	2020/21-2	Wet	1/28/2021 10:40:00 PM	1/28/2021 10:40:00 PM	DO	n/a	=	8.43	mg/L	Field Meter	-88	0.3	Field Crew	
ME-CC	2020/21-2	Wet	1/28/2021 10:40:00 PM	1/28/2021 10:40:00 PM	DO	n/a	=	98.5	%	Field Meter	-88	0.1	Field Crew	
ME-CC	2020/21-2	Wet	1/28/2021 10:40:00 PM	1/28/2021 10:40:00 PM	pH	n/a	=	7.87	pH Units	Field Meter	-88	0.01	Field Crew	
ME-CC	2020/21-2	Wet	1/28/2021 10:40:00 PM	1/28/2021 10:40:00 PM	Salinity	n/a	=	300	mg/L	Field Meter	-88	100	Field Crew	
ME-CC	2020/21-2	Wet	1/28/2021 10:40:00 PM	1/28/2021 10:40:00 PM	Specific Conductance	n/a	=	715	µmhos/cm	Field Meter	-88	1	Field Crew	
ME-CC	2020/21-2	Wet	1/28/2021 10:40:00 PM	1/28/2021 10:40:00 PM	Temperature	n/a	=	12.7	°C	Field Meter	-88	0.1	Field Crew	
ME-CC	2020/21-2	Wet	1/28/2021 10:40:00 PM	1/31/2021 10:50:00 PM	Gasoline Range Organics	n/a	<	0.065	mg/L	LUFT GC/MS	0.065	0.1	WKL	
ME-CC	2020/21-2	Wet	1/28/2021 10:40:00 PM	2/19/2021 11:29:00 AM	Oil and Grease	n/a	DNQ	1.1	mg/L	EPA 1664B	0.7	5	WKL	
ME-CC	2020/21-2	Wet	1/28/2021 10:40:00 PM	1/31/2021 12:19:00 PM	2-Chloroethyl vinyl ether	n/a	<	0.19	µg/L	EPA 624.1	0.19	1	WKL	
ME-CC	2020/21-2	Wet	1/28/2021 10:40:00 PM	1/31/2021 12:19:00 PM	Methyl tert-butyl ether (MTBE)	n/a	<	0.4	µg/L	EPA 624.1	0.4	1	WKL	
ME-CC	2020/21-2	Wet	1/29/2021 11:10:00 AM	2/3/2021	Chloride	n/a	=	69	mg/L	EPA 300.0	0.17	1	WKL	
ME-CC	2020/21-2	Wet	1/29/2021 11:10:00 AM	2/3/2021	Fluoride	n/a	=	0.25	mg/L	EPA 300.0	0.018	0.2	WKL	
ME-CC	2020/21-2	Wet	1/29/2021 11:10:00 AM	2/3/2021 3:51:00 AM	Perchlorate	n/a	<	0.84	µg/L	EPA 314.0	0.84	2	WKL	
ME-CC	2020/21-2	Wet	1/29/2021 11:10:00 AM	2/5/2021 3:14:00 PM	Calcium	Total	=	36.7	mg/L	EPA 200.7	0.016	0.1	WKL	
ME-CC	2020/21-2	Wet	1/29/2021 11:10:00 AM	2/5/2021 3:14:00 PM	Magnesium	Total	=	22.8	mg/L	EPA 200.7	0.012	0.1	WKL	
ME-CC	2020/21-2	Wet	1/29/2021 11:10:00 AM	2/4/2021 11:03:00 AM	Alkalinity as CaCO3	n/a	=	130	mg/L	SM 2320 B	0.56	5	WKL	
ME-CC	2020/21-2	Wet	1/29/2021 11:10:00 AM	2/4/2021 5:05:00 PM	BOD	n/a	=	7.2	mg/L	SM 5210 B	2	2	WKL	
ME-CC	2020/21-2	Wet	1/29/2021 11:10:00 AM	2/8/2021 12:20:00 PM	COD	n/a	=	31	mg/L	EPA 410.4	2.9	5	WKL	
ME-CC	2020/21-2	Wet	1/29/2021 11:10:00 AM	2/5/2021 3:14:00 PM	Hardness as CaCO3	Total	=	186	mg/L	EPA 200.7	0.0894	0.662	WKL	
ME-CC	2020/21-2	Wet	1/29/2021 11:10:00 AM	1/30/2021 5:45:00 PM	MBAS	n/a	<	0.017	mg/L	SM 5540 C	0.017	0.05	WKL	
ME-CC	2020/21-2	Wet	1/29/2021 11:10:00 AM	2/5/2021 1:15:00 PM	Phenolics	n/a	DNQ	0.0095	mg/L	EPA 420.4	0.0032	0.01	WKL	
ME-CC	2020/21-2	Wet	1/29/2021 11:10:00 AM	2/3/2021 1:19:00 PM	Specific Conductance	n/a	=	660	µmhos/cm	SM 2510 B	0.23	2	WKL	
ME-CC	2020/21-2	Wet	1/29/2021 11:10:00 AM	1/30/2021 5:37:00 PM	Total Chlorine Residual	n/a	DNQ	0.25	mg/L	SM 4500-C1 G	0.076	0.5	WKL	EST-HT
ME-CC	2020/21-2	Wet	1/29/2021 11:10:00 AM	2/5/2021 8:00:00 AM	Total Dissolved Solids	n/a	=	400	mg/L	SM 2540 C	4	10	WKL	
ME-CC	2020/21-2	Wet	1/29/2021 11:10:00 AM	2/5/2021 12:35:00 PM	Total Organic Carbon	n/a	=	9.5	mg/L	SM 5310 B	0.096	0.3	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
ME-CC	2020/21-2	Wet	1/29/2021 11:10:00 AM	2/5/2021 8:00:00 AM	Total Suspended Solids	n/a	=	1700	mg/L	SM 2540 D	-88	5	WKL	
ME-CC	2020/21-2	Wet	1/29/2021 11:10:00 AM	1/29/2021 7:40:00 PM	Turbidity	n/a	=	120	NTU	EPA 180.1	0.085	0.5	WKL	
ME-CC	2020/21-2	Wet	1/29/2021 11:10:00 AM	2/5/2021 8:00:00 AM	Volatile Suspended Solids	n/a	=	240	mg/L	EPA 160.4	3.1	5	WKL	
ME-CC	2020/21-2	Wet	1/29/2021 11:10:00 AM	2/11/2021 6:24:00 PM	Diesel Range Organics	n/a	DNQ	0.51	mg/L	EPA 8015B	0.32	1	WKL	
ME-CC	2020/21-2	Wet	1/29/2021 11:10:00 AM	2/11/2021 6:24:00 PM	Oil Range Organics	n/a	<	3.3	mg/L	EPA 8015B	3.3	5	WKL	
ME-CC	2020/21-2	Wet	1/29/2021 11:10:00 AM	2/10/2021 5:57:00 PM	Aluminum	Dissolved	DNQ	12	µg/L	EPA 200.8	4.4	20	WKL	
ME-CC	2020/21-2	Wet	1/29/2021 11:10:00 AM	2/10/2021 6:00:00 PM	Aluminum	Total	=	3900	µg/L	EPA 200.8	4.4	20	WKL	
ME-CC	2020/21-2	Wet	1/29/2021 11:10:00 AM	2/10/2021 5:57:00 PM	Antimony	Dissolved	DNQ	0.42	µg/L	EPA 200.8	0.089	0.5	WKL	
ME-CC	2020/21-2	Wet	1/29/2021 11:10:00 AM	2/10/2021 6:00:00 PM	Antimony	Total	=	0.54	µg/L	EPA 200.8	0.089	0.5	WKL	
ME-CC	2020/21-2	Wet	1/29/2021 11:10:00 AM	2/10/2021 5:57:00 PM	Arsenic	Dissolved	=	2.4	µg/L	EPA 200.8	0.074	0.4	WKL	
ME-CC	2020/21-2	Wet	1/29/2021 11:10:00 AM	2/10/2021 6:00:00 PM	Arsenic	Total	=	3.3	µg/L	EPA 200.8	0.074	0.4	WKL	
ME-CC	2020/21-2	Wet	1/29/2021 11:10:00 AM	2/10/2021 6:00:00 PM	Barium	Total	=	39	µg/L	EPA 200.8	0.14	1	WKL	
ME-CC	2020/21-2	Wet	1/29/2021 11:10:00 AM	2/10/2021 5:57:00 PM	Beryllium	Dissolved	<	0.062	µg/L	EPA 200.8	0.062	0.1	WKL	
ME-CC	2020/21-2	Wet	1/29/2021 11:10:00 AM	2/10/2021 6:00:00 PM	Beryllium	Total	=	0.15	µg/L	EPA 200.8	0.062	0.1	WKL	
ME-CC	2020/21-2	Wet	1/29/2021 11:10:00 AM	2/10/2021 5:57:00 PM	Cadmium	Dissolved	DNQ	0.11	µg/L	EPA 200.8	0.042	0.2	WKL	
ME-CC	2020/21-2	Wet	1/29/2021 11:10:00 AM	2/10/2021 6:00:00 PM	Cadmium	Total	=	0.36	µg/L	EPA 200.8	0.042	0.2	WKL	
ME-CC	2020/21-2	Wet	1/29/2021 11:10:00 AM	2/10/2021 5:57:00 PM	Chromium	Dissolved	=	0.22	µg/L	EPA 200.8	0.089	0.2	WKL	
ME-CC	2020/21-2	Wet	1/29/2021 11:10:00 AM	2/10/2021 6:00:00 PM	Chromium	Total	=	11	µg/L	EPA 200.8	0.089	0.2	WKL	
ME-CC	2020/21-2	Wet	1/29/2021 11:10:00 AM	2/3/2021 1:09:00 PM	Chromium VI	n/a	=	0.12	µg/L	EPA 218.6	0.0079	0.02	WKL	
ME-CC	2020/21-2	Wet	1/29/2021 11:10:00 AM	2/10/2021 5:57:00 PM	Copper	Dissolved	=	2.7	µg/L	EPA 200.8	0.23	0.5	WKL	
ME-CC	2020/21-2	Wet	1/29/2021 11:10:00 AM	2/10/2021 6:00:00 PM	Copper	Total	=	9.4	µg/L	EPA 200.8	0.23	0.5	WKL	
ME-CC	2020/21-2	Wet	1/29/2021 11:10:00 AM	2/10/2021 5:57:00 PM	Iron	Dissolved	=	47	µg/L	EPA 200.8	3.9	20	WKL	
ME-CC	2020/21-2	Wet	1/29/2021 11:10:00 AM	2/10/2021 6:00:00 PM	Iron	Total	=	5300	µg/L	EPA 200.8	3.9	20	WKL	
ME-CC	2020/21-2	Wet	1/29/2021 11:10:00 AM	2/10/2021 5:57:00 PM	Lead	Dissolved	<	0.083	µg/L	EPA 200.8	0.083	0.2	WKL	
ME-CC	2020/21-2	Wet	1/29/2021 11:10:00 AM	2/10/2021 6:00:00 PM	Lead	Total	=	2.7	µg/L	EPA 200.8	0.083	0.2	WKL	
ME-CC	2020/21-2	Wet	1/29/2021 11:10:00 AM	2/8/2021 1:15:00 PM	Mercury	Dissolved	<	17	ng/L	EPA 245.1	17	50	WKL	
ME-CC	2020/21-2	Wet	1/29/2021 11:10:00 AM	2/8/2021 1:17:00 PM	Mercury	Total	DNQ	20	ng/L	EPA 245.1	17	50	WKL	
ME-CC	2020/21-2	Wet	1/29/2021 11:10:00 AM	2/10/2021 5:57:00 PM	Nickel	Dissolved	=	3	µg/L	EPA 200.8	0.16	2	WKL	
ME-CC	2020/21-2	Wet	1/29/2021 11:10:00 AM	2/10/2021 6:00:00 PM	Nickel	Total	=	11	µg/L	EPA 200.8	0.16	2	WKL	
ME-CC	2020/21-2	Wet	1/29/2021 11:10:00 AM	2/10/2021 5:57:00 PM	Selenium	Dissolved	=	0.48	µg/L	EPA 200.8	0.067	0.4	WKL	
ME-CC	2020/21-2	Wet	1/29/2021 11:10:00 AM	2/10/2021 6:00:00 PM	Selenium	Total	=	0.63	µg/L	EPA 200.8	0.067	0.4	WKL	
ME-CC	2020/21-2	Wet	1/29/2021 11:10:00 AM	2/10/2021 5:57:00 PM	Silver	Dissolved	<	0.03	µg/L	EPA 200.8	0.03	0.2	WKL	
ME-CC	2020/21-2	Wet	1/29/2021 11:10:00 AM	2/10/2021 6:00:00 PM	Silver	Total	DNQ	0.043	µg/L	EPA 200.8	0.03	0.2	WKL	
ME-CC	2020/21-2	Wet	1/29/2021 11:10:00 AM	2/10/2021 5:57:00 PM	Thallium	Dissolved	<	0.021	µg/L	EPA 200.8	0.021	0.2	WKL	
ME-CC	2020/21-2	Wet	1/29/2021 11:10:00 AM	2/10/2021 6:00:00 PM	Thallium	Total	DNQ	0.035	µg/L	EPA 200.8	0.021	0.2	WKL	
ME-CC	2020/21-2	Wet	1/29/2021 11:10:00 AM	2/10/2021 5:57:00 PM	Zinc	Dissolved	DNQ	7.8	µg/L	EPA 200.8	0.8	10	WKL	
ME-CC	2020/21-2	Wet	1/29/2021 11:10:00 AM	2/10/2021 6:00:00 PM	Zinc	Total	=	34	µg/L	EPA 200.8	0.8	10	WKL	
ME-CC	2020/21-2	Wet	1/29/2021 11:10:00 AM	2/12/2021 1:08:00 PM	Ammonia as N	n/a	=	0.14	mg/L	EPA 350.1	0.047	0.1	WKL	
ME-CC	2020/21-2	Wet	1/29/2021 11:10:00 AM	1/30/2021 3:18:00 PM	Nitrate + Nitrite as N	n/a	=	2.8	mg/L	EPA 353.2	0.036	0.2	WKL	
ME-CC	2020/21-2	Wet	1/29/2021 11:10:00 AM	1/30/2021 3:18:00 PM	Nitrate as N	n/a	=	2.8	mg/L	EPA 353.2	0.04	0.2	WKL	
ME-CC	2020/21-2	Wet	1/29/2021 11:10:00 AM	2/5/2021 3:11:00 PM	Phosphorus as P	Dissolved	=	0.83	mg/L	EPA 200.7	0.012	0.02	WKL	
ME-CC	2020/21-2	Wet	1/29/2021 11:10:00 AM	2/5/2021 3:14:00 PM	Phosphorus as P	Total	=	1.2	mg/L	EPA 200.7	0.012	0.02	WKL	
ME-CC	2020/21-2	Wet	1/29/2021 11:10:00 AM	2/4/2021 5:12:00 PM	TKN	n/a	=	0.56	mg/L	EPA 351.2	0.13	0.2	WKL	
ME-CC	2020/21-2	Wet	1/29/2021 11:10:00 AM	2/9/2021 6:00:00 PM	1,2,4-Trichlorobenzene	n/a	<	4.9	µg/L	EPA 625.1	4.9	10	WKL	
ME-CC	2020/21-2	Wet	1/29/2021 11:10:00 AM	2/9/2021 6:00:00 PM	1,2-Dichlorobenzene	n/a	<	4.6	µg/L	EPA 625.1	4.6	10	WKL	
ME-CC	2020/21-2	Wet	1/29/2021 11:10:00 AM	2/9/2021 6:00:00 PM	1,2-Diphenylhydrazine	n/a	<	3	µg/L	EPA 625.1	3	10	WKL	
ME-CC	2020/21-2	Wet	1/29/2021 11:10:00 AM	2/9/2021 6:00:00 PM	1,3-Dichlorobenzene	n/a	<	4.2	µg/L	EPA 625.1	4.2	10	WKL	
ME-CC	2020/21-2	Wet	1/29/2021 11:10:00 AM	2/9/2021 6:00:00 PM	1,4-Dichlorobenzene	n/a	<	4.8	µg/L	EPA 625.1	4.8	10	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
ME-CC	2020/21-2	Wet	1/29/2021 11:10:00 AM	2/27/2021 10:03:00 AM	1-Methylnaphthalene	n/a	<	0.24	µg/L	EPA 8270C	0.24	1	WKL	
ME-CC	2020/21-2	Wet	1/29/2021 11:10:00 AM	3/5/2021 1:39:00 AM	2,4,5-Trichlorophenol	n/a	<	2.9	µg/L	EPA 8270C	2.9	10	WKL	
ME-CC	2020/21-2	Wet	1/29/2021 11:10:00 AM	2/9/2021 6:00:00 PM	2,4,6-Trichlorophenol	n/a	<	2.2	µg/L	EPA 625.1	2.2	10	WKL	
ME-CC	2020/21-2	Wet	1/29/2021 11:10:00 AM	3/5/2021 1:39:00 AM	2,4,6-Trichlorophenol	n/a	<	3	µg/L	EPA 8270C	3	10	WKL	
ME-CC	2020/21-2	Wet	1/29/2021 11:10:00 AM	2/9/2021 6:00:00 PM	2,4-Dichlorophenol	n/a	<	2.6	µg/L	EPA 625.1	2.6	10	WKL	
ME-CC	2020/21-2	Wet	1/29/2021 11:10:00 AM	3/5/2021 1:39:00 AM	2,4-Dichlorophenol	n/a	<	5.1	µg/L	EPA 8270C	5.1	10	WKL	
ME-CC	2020/21-2	Wet	1/29/2021 11:10:00 AM	2/9/2021 6:00:00 PM	2,4-Dimethylphenol	n/a	<	3	µg/L	EPA 625.1	3	10	WKL	
ME-CC	2020/21-2	Wet	1/29/2021 11:10:00 AM	3/5/2021 1:39:00 AM	2,4-Dimethylphenol	n/a	<	10	µg/L	EPA 8270C	10	20	WKL	
ME-CC	2020/21-2	Wet	1/29/2021 11:10:00 AM	2/9/2021 6:00:00 PM	2,4-Dinitrophenol	n/a	<	19	µg/L	EPA 625.1	19	100	WKL	
ME-CC	2020/21-2	Wet	1/29/2021 11:10:00 AM	3/5/2021 1:39:00 AM	2,4-Dinitrophenol	n/a	<	10	µg/L	EPA 8270C	10	20	WKL	
ME-CC	2020/21-2	Wet	1/29/2021 11:10:00 AM	2/9/2021 6:00:00 PM	2,4-Dinitrotoluene	n/a	<	1.8	µg/L	EPA 625.1	1.8	10	WKL	
ME-CC	2020/21-2	Wet	1/29/2021 11:10:00 AM	2/9/2021 6:00:00 PM	2,6-Dinitrotoluene	n/a	<	2.7	µg/L	EPA 625.1	2.7	10	WKL	
ME-CC	2020/21-2	Wet	1/29/2021 11:10:00 AM	2/9/2021 6:00:00 PM	2-Chloronaphthalene	n/a	<	4.5	µg/L	EPA 625.1	4.5	10	WKL	
ME-CC	2020/21-2	Wet	1/29/2021 11:10:00 AM	2/9/2021 6:00:00 PM	2-Chlorophenol	n/a	<	2.8	µg/L	EPA 625.1	2.8	10	WKL	
ME-CC	2020/21-2	Wet	1/29/2021 11:10:00 AM	3/5/2021 1:39:00 AM	2-Chlorophenol	n/a	<	6.5	µg/L	EPA 8270C	6.5	10	WKL	
ME-CC	2020/21-2	Wet	1/29/2021 11:10:00 AM	2/27/2021 10:03:00 AM	2-Methylnaphthalene	n/a	<	0.26	µg/L	EPA 8270C	0.26	1	WKL	
ME-CC	2020/21-2	Wet	1/29/2021 11:10:00 AM	3/5/2021 1:39:00 AM	2-Methylphenol	n/a	<	3.4	µg/L	EPA 8270C	3.4	10	WKL	
ME-CC	2020/21-2	Wet	1/29/2021 11:10:00 AM	3/5/2021 1:39:00 AM	2-Nitrophenol	n/a	<	7.1	µg/L	EPA 8270C	7.1	10	WKL	
ME-CC	2020/21-2	Wet	1/29/2021 11:10:00 AM	2/9/2021 6:00:00 PM	2-Nitrophenol	n/a	<	2.6	µg/L	EPA 625.1	2.6	10	WKL	
ME-CC	2020/21-2	Wet	1/29/2021 11:10:00 AM	2/9/2021 6:00:00 PM	3,3'-Dichlorobenzidine	n/a	<	9.9	µg/L	EPA 625.1	9.9	50	WKL	
ME-CC	2020/21-2	Wet	1/29/2021 11:10:00 AM	3/5/2021 1:39:00 AM	3-/4-Methylphenol	n/a	<	3	µg/L	EPA 8270C	3	10	WKL	
ME-CC	2020/21-2	Wet	1/29/2021 11:10:00 AM	2/9/2021 6:00:00 PM	4,6-Dinitro-2-methylphenol	n/a	<	14	µg/L	EPA 625.1	14	50	WKL	
ME-CC	2020/21-2	Wet	1/29/2021 11:10:00 AM	3/5/2021 1:39:00 AM	4,6-Dinitro-2-methylphenol	n/a	<	1.4	µg/L	EPA 8270C	1.4	10	WKL	
ME-CC	2020/21-2	Wet	1/29/2021 11:10:00 AM	2/9/2021 6:00:00 PM	4-Bromophenyl phenyl ether	n/a	<	3.6	µg/L	EPA 625.1	3.6	10	WKL	
ME-CC	2020/21-2	Wet	1/29/2021 11:10:00 AM	2/9/2021 6:00:00 PM	4-Chloro-3-methylphenol	n/a	<	2.3	µg/L	EPA 625.1	2.3	10	WKL	
ME-CC	2020/21-2	Wet	1/29/2021 11:10:00 AM	3/5/2021 1:39:00 AM	4-Chloro-3-methylphenol	n/a	<	3.7	µg/L	EPA 8270C	3.7	10	WKL	
ME-CC	2020/21-2	Wet	1/29/2021 11:10:00 AM	2/9/2021 6:00:00 PM	4-Chlorophenyl phenyl ether	n/a	<	4.1	µg/L	EPA 625.1	4.1	10	WKL	
ME-CC	2020/21-2	Wet	1/29/2021 11:10:00 AM	3/5/2021 1:39:00 AM	4-Nitrophenol	n/a	<	10	µg/L	EPA 8270C	10	20	WKL	
ME-CC	2020/21-2	Wet	1/29/2021 11:10:00 AM	2/9/2021 6:00:00 PM	4-Nitrophenol	n/a	<	12	µg/L	EPA 625.1	12	50	WKL	
ME-CC	2020/21-2	Wet	1/29/2021 11:10:00 AM	2/9/2021 6:00:00 PM	Acenaphthene	n/a	<	3.8	µg/L	EPA 625.1	3.8	10	WKL	
ME-CC	2020/21-2	Wet	1/29/2021 11:10:00 AM	2/27/2021 10:03:00 AM	Acenaphthene	n/a	<	0.28	µg/L	EPA 8270C	0.28	1	WKL	
ME-CC	2020/21-2	Wet	1/29/2021 11:10:00 AM	2/9/2021 6:00:00 PM	Acenaphthylene	n/a	<	1.7	µg/L	EPA 625.1	1.7	10	WKL	
ME-CC	2020/21-2	Wet	1/29/2021 11:10:00 AM	2/27/2021 10:03:00 AM	Acenaphthylene	n/a	<	0.33	µg/L	EPA 8270C	0.33	1	WKL	
ME-CC	2020/21-2	Wet	1/29/2021 11:10:00 AM	2/9/2021 6:00:00 PM	Anthracene	n/a	<	1.2	µg/L	EPA 625.1	1.2	10	WKL	
ME-CC	2020/21-2	Wet	1/29/2021 11:10:00 AM	2/27/2021 10:03:00 AM	Anthracene	n/a	<	0.25	µg/L	EPA 8270C	0.25	1	WKL	
ME-CC	2020/21-2	Wet	1/29/2021 11:10:00 AM	2/9/2021 6:00:00 PM	Benz(a)anthracene	n/a	<	1.9	µg/L	EPA 625.1	1.9	10	WKL	
ME-CC	2020/21-2	Wet	1/29/2021 11:10:00 AM	2/27/2021 10:03:00 AM	Benz(a)anthracene	n/a	<	0.51	µg/L	EPA 8270C	0.51	1	WKL	
ME-CC	2020/21-2	Wet	1/29/2021 11:10:00 AM	2/9/2021 6:00:00 PM	Benzdine	n/a	<	14	µg/L	EPA 625.1	14	100	WKL	
ME-CC	2020/21-2	Wet	1/29/2021 11:10:00 AM	2/13/2021 7:58:00 AM	Benzo(a)pyrene	n/a	<	0.1	µg/L	EPA 525.2	0.1	0.5	WKL	
ME-CC	2020/21-2	Wet	1/29/2021 11:10:00 AM	2/9/2021 6:00:00 PM	Benzo(a)pyrene	n/a	<	3.9	µg/L	EPA 625.1	3.9	10	WKL	
ME-CC	2020/21-2	Wet	1/29/2021 11:10:00 AM	2/27/2021 10:03:00 AM	Benzo(a)pyrene	n/a	DNQ	0.88	µg/L	EPA 8270C	0.51	1	WKL	
ME-CC	2020/21-2	Wet	1/29/2021 11:10:00 AM	2/9/2021 6:00:00 PM	Benzo(b)fluoranthene	n/a	<	4.6	µg/L	EPA 625.1	4.6	10	WKL	
ME-CC	2020/21-2	Wet	1/29/2021 11:10:00 AM	2/27/2021 10:03:00 AM	Benzo(b)fluoranthene	n/a	DNQ	0.78	µg/L	EPA 8270C	0.27	1	WKL	
ME-CC	2020/21-2	Wet	1/29/2021 11:10:00 AM	2/9/2021 6:00:00 PM	Benzo(g,h,i)perylene	n/a	<	4.2	µg/L	EPA 625.1	4.2	20	WKL	
ME-CC	2020/21-2	Wet	1/29/2021 11:10:00 AM	2/27/2021 10:03:00 AM	Benzo(g,h,i)perylene	n/a	DNQ	0.88	µg/L	EPA 8270C	0.5	1	WKL	
ME-CC	2020/21-2	Wet	1/29/2021 11:10:00 AM	2/9/2021 6:00:00 PM	Benzo(k)fluoranthene	n/a	<	2.2	µg/L	EPA 625.1	2.2	10	WKL	
ME-CC	2020/21-2	Wet	1/29/2021 11:10:00 AM	2/27/2021 10:03:00 AM	Benzo(k)fluoranthene	n/a	DNQ	0.29	µg/L	EPA 8270C	0.26	1	WKL	
ME-CC	2020/21-2	Wet	1/29/2021 11:10:00 AM	2/9/2021 6:00:00 PM	Bis(2-chloroethoxy)methane	n/a	<	2.5	µg/L	EPA 625.1	2.5	10	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
ME-CC	2020/21-2	Wet	1/29/2021 11:10:00 AM	2/9/2021 6:00:00 PM	Bis(2-chloroethyl)ether	n/a	<	2.7	µg/L	EPA 625.1	2.7	10	WKL	
ME-CC	2020/21-2	Wet	1/29/2021 11:10:00 AM	2/9/2021 6:00:00 PM	Bis(2-chloroisopropyl)ether	n/a	<	3.8	µg/L	EPA 625.1	3.8	10	WKL	
ME-CC	2020/21-2	Wet	1/29/2021 11:10:00 AM	2/13/2021 7:58:00 AM	Bis(2-ethylhexyl)adipate	n/a	DNQ	0.61	µg/L	EPA 525.2	0.6	25	WKL	
ME-CC	2020/21-2	Wet	1/29/2021 11:10:00 AM	2/13/2021 7:58:00 AM	Bis(2-ethylhexyl)phthalate	n/a	<	2	µg/L	EPA 525.2	2	15	WKL	
ME-CC	2020/21-2	Wet	1/29/2021 11:10:00 AM	2/9/2021 6:00:00 PM	Bis(2-ethylhexyl)phthalate	n/a	<	23	µg/L	EPA 625.1	23	50	WKL	
ME-CC	2020/21-2	Wet	1/29/2021 11:10:00 AM	2/9/2021 6:00:00 PM	Butyl benzyl phthalate	n/a	<	1.8	µg/L	EPA 625.1	1.8	10	WKL	
ME-CC	2020/21-2	Wet	1/29/2021 11:10:00 AM	2/9/2021 6:00:00 PM	Chrysene	n/a	<	1.9	µg/L	EPA 625.1	1.9	10	WKL	
ME-CC	2020/21-2	Wet	1/29/2021 11:10:00 AM	2/27/2021 10:03:00 AM	Chrysene	n/a	<	0.32	µg/L	EPA 8270C	0.32	1	WKL	
ME-CC	2020/21-2	Wet	1/29/2021 11:10:00 AM	2/9/2021 6:00:00 PM	Dibenz(a,h)anthracene	n/a	<	5.3	µg/L	EPA 625.1	5.3	20	WKL	
ME-CC	2020/21-2	Wet	1/29/2021 11:10:00 AM	2/27/2021 10:03:00 AM	Dibenz(a,h)anthracene	n/a	<	0.96	µg/L	EPA 8270C	0.96	1	WKL	
ME-CC	2020/21-2	Wet	1/29/2021 11:10:00 AM	2/9/2021 6:00:00 PM	Diethyl phthalate	n/a	<	1.5	µg/L	EPA 625.1	1.5	10	WKL	
ME-CC	2020/21-2	Wet	1/29/2021 11:10:00 AM	2/9/2021 6:00:00 PM	Dimethyl phthalate	n/a	<	1.8	µg/L	EPA 625.1	1.8	10	WKL	
ME-CC	2020/21-2	Wet	1/29/2021 11:10:00 AM	2/9/2021 6:00:00 PM	Di-n-butylphthalate	n/a	DNQ	2.8	µg/L	EPA 625.1	1	10	WKL	HB-LCSR
ME-CC	2020/21-2	Wet	1/29/2021 11:10:00 AM	2/9/2021 6:00:00 PM	Di-n-octylphthalate	n/a	<	4.6	µg/L	EPA 625.1	4.6	10	WKL	
ME-CC	2020/21-2	Wet	1/29/2021 11:10:00 AM	2/27/2021 10:03:00 AM	Fluoranthene	n/a	<	0.39	µg/L	EPA 8270C	0.39	1	WKL	
ME-CC	2020/21-2	Wet	1/29/2021 11:10:00 AM	2/9/2021 6:00:00 PM	Fluoranthene	n/a	<	0.8	µg/L	EPA 625.1	0.8	10	WKL	
ME-CC	2020/21-2	Wet	1/29/2021 11:10:00 AM	2/9/2021 6:00:00 PM	Fluorene	n/a	<	3.5	µg/L	EPA 625.1	3.5	10	WKL	
ME-CC	2020/21-2	Wet	1/29/2021 11:10:00 AM	2/27/2021 10:03:00 AM	Fluorene	n/a	<	0.29	µg/L	EPA 8270C	0.29	1	WKL	
ME-CC	2020/21-2	Wet	1/29/2021 11:10:00 AM	2/9/2021 6:00:00 PM	Hexachlorobenzene	n/a	<	4.9	µg/L	EPA 625.1	4.9	10	WKL	
ME-CC	2020/21-2	Wet	1/29/2021 11:10:00 AM	2/9/2021 6:00:00 PM	Hexachlorobutadiene	n/a	<	4.7	µg/L	EPA 625.1	4.7	10	WKL	
ME-CC	2020/21-2	Wet	1/29/2021 11:10:00 AM	2/9/2021 6:00:00 PM	Hexachlorocyclopentadiene	n/a	<	9.8	µg/L	EPA 625.1	9.8	50	WKL	
ME-CC	2020/21-2	Wet	1/29/2021 11:10:00 AM	2/9/2021 6:00:00 PM	Hexachloroethane	n/a	<	5	µg/L	EPA 625.1	5	10	WKL	
ME-CC	2020/21-2	Wet	1/29/2021 11:10:00 AM	2/9/2021 6:00:00 PM	Indeno(1,2,3-cd)pyrene	n/a	<	5.5	µg/L	EPA 625.1	5.5	20	WKL	
ME-CC	2020/21-2	Wet	1/29/2021 11:10:00 AM	2/27/2021 10:03:00 AM	Indeno(1,2,3-cd)pyrene	n/a	<	0.65	µg/L	EPA 8270C	0.65	1	WKL	
ME-CC	2020/21-2	Wet	1/29/2021 11:10:00 AM	2/9/2021 6:00:00 PM	Isophorone	n/a	<	2.1	µg/L	EPA 625.1	2.1	10	WKL	
ME-CC	2020/21-2	Wet	1/29/2021 11:10:00 AM	2/27/2021 10:03:00 AM	Naphthalene	n/a	<	0.26	µg/L	EPA 8270C	0.26	1	WKL	
ME-CC	2020/21-2	Wet	1/29/2021 11:10:00 AM	2/9/2021 6:00:00 PM	Naphthalene	n/a	<	4.9	µg/L	EPA 625.1	4.9	10	WKL	
ME-CC	2020/21-2	Wet	1/29/2021 11:10:00 AM	2/9/2021 6:00:00 PM	Nitrobenzene	n/a	<	3.6	µg/L	EPA 625.1	3.6	10	WKL	
ME-CC	2020/21-2	Wet	1/29/2021 11:10:00 AM	2/9/2021 6:00:00 PM	N-Nitrosodimethylamine	n/a	<	5	µg/L	EPA 625.1	5	10	WKL	
ME-CC	2020/21-2	Wet	1/29/2021 11:10:00 AM	2/9/2021 6:00:00 PM	N-Nitrosodi-N-propylamine	n/a	<	2.6	µg/L	EPA 625.1	2.6	10	WKL	
ME-CC	2020/21-2	Wet	1/29/2021 11:10:00 AM	2/9/2021 6:00:00 PM	N-Nitrosodiphenylamine	n/a	<	1.9	µg/L	EPA 625.1	1.9	10	WKL	
ME-CC	2020/21-2	Wet	1/29/2021 11:10:00 AM	2/9/2021 6:00:00 PM	Phenanthrene	n/a	<	3.2	µg/L	EPA 625.1	3.2	10	WKL	
ME-CC	2020/21-2	Wet	1/29/2021 11:10:00 AM	2/27/2021 10:03:00 AM	Phenanthrene	n/a	<	0.29	µg/L	EPA 8270C	0.29	1	WKL	
ME-CC	2020/21-2	Wet	1/29/2021 11:10:00 AM	2/9/2021 6:00:00 PM	Phenol	n/a	<	1.6	µg/L	EPA 625.1	1.6	10	WKL	
ME-CC	2020/21-2	Wet	1/29/2021 11:10:00 AM	3/5/2021 1:39:00 AM	Phenol	n/a	<	3.5	µg/L	EPA 8270C	3.5	10	WKL	
ME-CC	2020/21-2	Wet	1/29/2021 11:10:00 AM	2/9/2021 6:00:00 PM	Pyrene	n/a	<	2.5	µg/L	EPA 625.1	2.5	10	WKL	
ME-CC	2020/21-2	Wet	1/29/2021 11:10:00 AM	2/27/2021 10:03:00 AM	Pyrene	n/a	<	0.4	µg/L	EPA 8270C	0.4	1	WKL	
ME-CC	2020/21-2	Wet	1/29/2021 11:10:00 AM	2/16/2021 9:02:00 PM	PCB Aroclor 1016	n/a	<	4	µg/L	EPA 608.3	4	10	WKL	
ME-CC	2020/21-2	Wet	1/29/2021 11:10:00 AM	2/16/2021 9:02:00 PM	PCB Aroclor 1221	n/a	<	4	µg/L	EPA 608.3	4	10	WKL	
ME-CC	2020/21-2	Wet	1/29/2021 11:10:00 AM	2/16/2021 9:02:00 PM	PCB Aroclor 1232	n/a	<	4	µg/L	EPA 608.3	4	10	WKL	
ME-CC	2020/21-2	Wet	1/29/2021 11:10:00 AM	2/16/2021 9:02:00 PM	PCB Aroclor 1242	n/a	<	4	µg/L	EPA 608.3	4	10	WKL	
ME-CC	2020/21-2	Wet	1/29/2021 11:10:00 AM	2/16/2021 9:02:00 PM	PCB Aroclor 1248	n/a	<	4	µg/L	EPA 608.3	4	10	WKL	
ME-CC	2020/21-2	Wet	1/29/2021 11:10:00 AM	2/16/2021 9:02:00 PM	PCB Aroclor 1254	n/a	<	4	µg/L	EPA 608.3	4	10	WKL	
ME-CC	2020/21-2	Wet	1/29/2021 11:10:00 AM	2/16/2021 9:02:00 PM	PCB Aroclor 1260	n/a	<	4	µg/L	EPA 608.3	4	10	WKL	
ME-CC	2020/21-2	Wet	1/29/2021 11:10:00 AM	2/13/2021 12:57:00 AM	2,4,5-T	n/a	<	0.055	µg/L	EPA 515.4	0.055	0.2	WKL	
ME-CC	2020/21-2	Wet	1/29/2021 11:10:00 AM	2/13/2021 12:57:00 AM	2,4,5-TP	n/a	<	0.046	µg/L	EPA 515.4	0.046	0.2	WKL	
ME-CC	2020/21-2	Wet	1/29/2021 11:10:00 AM	2/13/2021 12:57:00 AM	2,4-D	n/a	<	0.4	µg/L	EPA 515.4	0.4	0.4	WKL	
ME-CC	2020/21-2	Wet	1/29/2021 11:10:00 AM	2/13/2021 12:57:00 AM	2,4-DB	n/a	<	0.19	µg/L	EPA 515.4	0.19	2	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
ME-CC	2020/21-2	Wet	1/29/2021 11:10:00 AM	2/13/2021 12:57:00 AM	3,5-Dichlorobenzoic acid	n/a	<	0.12	µg/L	EPA 515.4	0.12	1	WKL	
ME-CC	2020/21-2	Wet	1/29/2021 11:10:00 AM	2/16/2021 9:02:00 PM	4,4'-DDD	n/a	<	0.014	µg/L	EPA 608.3	0.014	1	WKL	
ME-CC	2020/21-2	Wet	1/29/2021 11:10:00 AM	2/16/2021 9:02:00 PM	4,4'-DDE	n/a	DNQ	0.11	µg/L	EPA 608.3	0.014	1	WKL	
ME-CC	2020/21-2	Wet	1/29/2021 11:10:00 AM	2/16/2021 9:02:00 PM	4,4'-DDT	n/a	DNQ	0.069	µg/L	EPA 608.3	0.022	0.2	WKL	
ME-CC	2020/21-2	Wet	1/29/2021 11:10:00 AM	2/13/2021 12:57:00 AM	Acifluorfen	n/a	<	0.072	µg/L	EPA 515.4	0.072	0.4	WKL	
ME-CC	2020/21-2	Wet	1/29/2021 11:10:00 AM	2/13/2021 7:58:00 AM	Alachlor	n/a	<	0.15	µg/L	EPA 525.2	0.15	0.5	WKL	
ME-CC	2020/21-2	Wet	1/29/2021 11:10:00 AM	2/16/2021 9:02:00 PM	Aldrin	n/a	<	0.02	µg/L	EPA 608.3	0.02	0.1	WKL	
ME-CC	2020/21-2	Wet	1/29/2021 11:10:00 AM	2/16/2021 9:02:00 PM	alpha-BHC	n/a	<	0.022	µg/L	EPA 608.3	0.022	0.2	WKL	
ME-CC	2020/21-2	Wet	1/29/2021 11:10:00 AM	2/16/2021 9:02:00 PM	alpha-Chlordane	n/a	<	0.058	µg/L	EPA 608.3	0.058	0.2	WKL	
ME-CC	2020/21-2	Wet	1/29/2021 11:10:00 AM	2/13/2021 7:58:00 AM	Atrazine	n/a	<	0.15	µg/L	EPA 525.2	0.15	0.5	WKL	
ME-CC	2020/21-2	Wet	1/29/2021 11:10:00 AM	2/3/2021 5:40:00 PM	Azinphos methyl	n/a	<	0.055	µg/L	EPA 625.1m	0.055	0.1	WKL	
ME-CC	2020/21-2	Wet	1/29/2021 11:10:00 AM	2/13/2021 12:57:00 AM	Bentazon	n/a	<	0.23	µg/L	EPA 515.4	0.23	2	WKL	
ME-CC	2020/21-2	Wet	1/29/2021 11:10:00 AM	2/16/2021 9:02:00 PM	beta-BHC	n/a	<	0.03	µg/L	EPA 608.3	0.03	0.1	WKL	
ME-CC	2020/21-2	Wet	1/29/2021 11:10:00 AM	2/3/2021 5:40:00 PM	Bolstar	n/a	<	0.046	µg/L	EPA 625.1m	0.046	0.1	WKL	
ME-CC	2020/21-2	Wet	1/29/2021 11:10:00 AM	2/13/2021 7:58:00 AM	Bromacil	n/a	<	0.8	µg/L	EPA 525.2	0.8	2.5	WKL	
ME-CC	2020/21-2	Wet	1/29/2021 11:10:00 AM	2/13/2021 7:58:00 AM	Butachlor	n/a	<	0.15	µg/L	EPA 525.2	0.15	0.5	WKL	
ME-CC	2020/21-2	Wet	1/29/2021 11:10:00 AM	2/13/2021 7:58:00 AM	Captan	n/a	<	0.8	µg/L	EPA 525.2	0.8	5	WKL	
ME-CC	2020/21-2	Wet	1/29/2021 11:10:00 AM	2/16/2021 9:02:00 PM	Chlordane (technical)	n/a	<	10	µg/L	EPA 608.3	10	10	WKL	
ME-CC	2020/21-2	Wet	1/29/2021 11:10:00 AM	2/13/2021 7:58:00 AM	Chlorpropham	n/a	<	0.2	µg/L	EPA 525.2	0.2	0.5	WKL	
ME-CC	2020/21-2	Wet	1/29/2021 11:10:00 AM	2/3/2021 5:40:00 PM	Chlorpyrifos	n/a	<	0.069	µg/L	EPA 625.1m	0.069	0.1	WKL	
ME-CC	2020/21-2	Wet	1/29/2021 11:10:00 AM	2/3/2021 5:40:00 PM	Coumaphos	n/a	<	0.051	µg/L	EPA 625.1m	0.051	0.1	WKL	
ME-CC	2020/21-2	Wet	1/29/2021 11:10:00 AM	2/13/2021 5:40:00 AM	Cyanazine	n/a	<	0.2	µg/L	EPA 525.2	0.2	0.5	WKL	
ME-CC	2020/21-2	Wet	1/29/2021 11:10:00 AM	2/13/2021 12:57:00 AM	Dalapon	n/a	<	0.11	µg/L	EPA 515.4	0.11	0.4	WKL	
ME-CC	2020/21-2	Wet	1/29/2021 11:10:00 AM	2/13/2021 12:57:00 AM	DCPA (Dacthal)	n/a	=	0.52	µg/L	EPA 515.4	0.053	0.1	WKL	
ME-CC	2020/21-2	Wet	1/29/2021 11:10:00 AM	2/16/2021 9:02:00 PM	delta-BHC	n/a	<	0.038	µg/L	EPA 608.3	0.038	0.1	WKL	
ME-CC	2020/21-2	Wet	1/29/2021 11:10:00 AM	2/3/2021 5:40:00 PM	Demeton-O	n/a	<	0.1	µg/L	EPA 625.1m	0.1	0.1	WKL	
ME-CC	2020/21-2	Wet	1/29/2021 11:10:00 AM	2/3/2021 5:40:00 PM	Demeton-S	n/a	<	0.1	µg/L	EPA 625.1m	0.1	0.1	WKL	
ME-CC	2020/21-2	Wet	1/29/2021 11:10:00 AM	2/13/2021 7:58:00 AM	Diazinon	n/a	<	0.25	µg/L	EPA 525.2	0.25	0.5	WKL	
ME-CC	2020/21-2	Wet	1/29/2021 11:10:00 AM	2/3/2021 5:40:00 PM	Diazinon	n/a	<	0.052	µg/L	EPA 625.1m	0.052	0.1	WKL	
ME-CC	2020/21-2	Wet	1/29/2021 11:10:00 AM	2/13/2021 12:57:00 AM	Dicamba	n/a	<	0.075	µg/L	EPA 515.4	0.075	0.6	WKL	
ME-CC	2020/21-2	Wet	1/29/2021 11:10:00 AM	2/13/2021 12:57:00 AM	Dichlorprop	n/a	<	0.12	µg/L	EPA 515.4	0.12	0.3	WKL	
ME-CC	2020/21-2	Wet	1/29/2021 11:10:00 AM	2/3/2021 5:40:00 PM	Dichlorvos	n/a	<	0.029	µg/L	EPA 625.1m	0.029	0.1	WKL	
ME-CC	2020/21-2	Wet	1/29/2021 11:10:00 AM	2/16/2021 9:02:00 PM	Dieldrin	n/a	<	0.016	µg/L	EPA 608.3	0.016	0.2	WKL	
ME-CC	2020/21-2	Wet	1/29/2021 11:10:00 AM	2/13/2021 7:58:00 AM	Dimethoate	n/a	<	0.1	µg/L	EPA 525.2	0.1	1	WKL	
ME-CC	2020/21-2	Wet	1/29/2021 11:10:00 AM	2/3/2021 5:40:00 PM	Dimethoate	n/a	<	0.062	µg/L	EPA 625.1m	0.062	0.1	WKL	
ME-CC	2020/21-2	Wet	1/29/2021 11:10:00 AM	2/13/2021 12:57:00 AM	Dinoseb	n/a	<	0.055	µg/L	EPA 515.4	0.055	0.4	WKL	
ME-CC	2020/21-2	Wet	1/29/2021 11:10:00 AM	2/13/2021 7:58:00 AM	Diphenamid	n/a	<	0.15	µg/L	EPA 525.2	0.15	0.5	WKL	
ME-CC	2020/21-2	Wet	1/29/2021 11:10:00 AM	2/3/2021 5:40:00 PM	Disulfoton	n/a	<	0.1	µg/L	EPA 625.1m	0.1	0.1	WKL	
ME-CC	2020/21-2	Wet	1/29/2021 11:10:00 AM	2/13/2021 7:58:00 AM	Disulfoton	n/a	<	0.2	µg/L	EPA 525.2	0.2	0.5	WKL	
ME-CC	2020/21-2	Wet	1/29/2021 11:10:00 AM	2/16/2021 9:02:00 PM	Endosulfan I	n/a	<	0.018	µg/L	EPA 608.3	0.018	0.4	WKL	
ME-CC	2020/21-2	Wet	1/29/2021 11:10:00 AM	2/16/2021 9:02:00 PM	Endosulfan II	n/a	<	0.014	µg/L	EPA 608.3	0.014	0.2	WKL	
ME-CC	2020/21-2	Wet	1/29/2021 11:10:00 AM	2/16/2021 9:02:00 PM	Endosulfan sulfate	n/a	<	0.026	µg/L	EPA 608.3	0.026	1	WKL	
ME-CC	2020/21-2	Wet	1/29/2021 11:10:00 AM	2/16/2021 9:02:00 PM	Endrin	n/a	<	0.034	µg/L	EPA 608.3	0.034	0.2	WKL	
ME-CC	2020/21-2	Wet	1/29/2021 11:10:00 AM	2/16/2021 9:02:00 PM	Endrin aldehyde	n/a	<	0.038	µg/L	EPA 608.3	0.038	0.2	WKL	
ME-CC	2020/21-2	Wet	1/29/2021 11:10:00 AM	2/13/2021 7:58:00 AM	EPTC	n/a	<	0.1	µg/L	EPA 525.2	0.1	0.5	WKL	
ME-CC	2020/21-2	Wet	1/29/2021 11:10:00 AM	2/3/2021 5:40:00 PM	Ethoprop	n/a	<	0.067	µg/L	EPA 625.1m	0.067	0.1	WKL	
ME-CC	2020/21-2	Wet	1/29/2021 11:10:00 AM	2/3/2021 5:40:00 PM	Ethyl parathion	n/a	<	0.054	µg/L	EPA 625.1m	0.054	0.1	WKL	
ME-CC	2020/21-2	Wet	1/29/2021 11:10:00 AM	2/3/2021 5:40:00 PM	Fensulfothion	n/a	<	0.029	µg/L	EPA 625.1m	0.029	0.1	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
ME-CC	2020/21-2	Wet	1/29/2021 11:10:00 AM	2/3/2021 5:40:00 PM	Fenthion	n/a	<	0.038	µg/L	EPA 625.1m	0.038	0.1	WKL	
ME-CC	2020/21-2	Wet	1/29/2021 11:10:00 AM	2/16/2021 9:02:00 PM	gamma-BHC (Lindane)	n/a	<	0.008	µg/L	EPA 608.3	0.008	0.4	WKL	
ME-CC	2020/21-2	Wet	1/29/2021 11:10:00 AM	2/16/2021 9:02:00 PM	gamma-Chlordane	n/a	<	0.046	µg/L	EPA 608.3	0.046	0.2	WKL	
ME-CC	2020/21-2	Wet	1/29/2021 11:10:00 AM	2/3/2021 3:31:00 PM	Glyphosate	n/a	DNQ	2.1	µg/L	EPA 547	1.8	5	WKL	
ME-CC	2020/21-2	Wet	1/29/2021 11:10:00 AM	2/16/2021 9:02:00 PM	Heptachlor	n/a	<	0.012	µg/L	EPA 608.3	0.012	0.2	WKL	
ME-CC	2020/21-2	Wet	1/29/2021 11:10:00 AM	2/16/2021 9:02:00 PM	Heptachlor epoxide	n/a	<	0.008	µg/L	EPA 608.3	0.008	0.2	WKL	
ME-CC	2020/21-2	Wet	1/29/2021 11:10:00 AM	2/3/2021 5:40:00 PM	Malathion	n/a	<	0.076	µg/L	EPA 625.1m	0.076	0.1	WKL	
ME-CC	2020/21-2	Wet	1/29/2021 11:10:00 AM	2/3/2021 5:40:00 PM	Merphos	n/a	<	0.058	µg/L	EPA 625.1m	0.058	0.1	WKL	
ME-CC	2020/21-2	Wet	1/29/2021 11:10:00 AM	2/16/2021 9:02:00 PM	Methoxychlor	n/a	<	0.5	µg/L	EPA 608.3	0.5	0.5	WKL	
ME-CC	2020/21-2	Wet	1/29/2021 11:10:00 AM	2/3/2021 5:40:00 PM	Methyl parathion	n/a	<	0.063	µg/L	EPA 625.1m	0.063	0.1	WKL	
ME-CC	2020/21-2	Wet	1/29/2021 11:10:00 AM	2/13/2021 7:58:00 AM	Metolachlor	n/a	DNQ	0.16	µg/L	EPA 525.2	0.15	0.5	WKL	
ME-CC	2020/21-2	Wet	1/29/2021 11:10:00 AM	2/13/2021 7:58:00 AM	Metribuzin	n/a	<	0.15	µg/L	EPA 525.2	0.15	0.5	WKL	
ME-CC	2020/21-2	Wet	1/29/2021 11:10:00 AM	2/3/2021 5:40:00 PM	Mevinphos	n/a	<	0.042	µg/L	EPA 625.1m	0.042	0.1	WKL	
ME-CC	2020/21-2	Wet	1/29/2021 11:10:00 AM	2/13/2021 7:58:00 AM	Molinate	n/a	<	0.15	µg/L	EPA 525.2	0.15	0.5	WKL	
ME-CC	2020/21-2	Wet	1/29/2021 11:10:00 AM	2/3/2021 5:40:00 PM	Naled	n/a	<	0.076	µg/L	EPA 625.1m	0.076	0.1	WKL	
ME-CC	2020/21-2	Wet	1/29/2021 11:10:00 AM	2/9/2021 6:00:00 PM	Pentachlorophenol	n/a	<	4	µg/L	EPA 625.1	4	10	WKL	
ME-CC	2020/21-2	Wet	1/29/2021 11:10:00 AM	2/13/2021 12:57:00 AM	Pentachlorophenol	n/a	<	0.2	µg/L	EPA 515.4	0.2	0.2	WKL	
ME-CC	2020/21-2	Wet	1/29/2021 11:10:00 AM	3/5/2021 1:39:00 AM	Pentachlorophenol	n/a	<	1.5	µg/L	EPA 8270C	1.5	10	WKL	
ME-CC	2020/21-2	Wet	1/29/2021 11:10:00 AM	2/3/2021 5:40:00 PM	Phorate	n/a	<	0.03	µg/L	EPA 625.1m	0.03	0.1	WKL	
ME-CC	2020/21-2	Wet	1/29/2021 11:10:00 AM	2/13/2021 12:57:00 AM	Picloram	n/a	<	0.038	µg/L	EPA 515.4	0.038	0.6	WKL	
ME-CC	2020/21-2	Wet	1/29/2021 11:10:00 AM	2/13/2021 7:58:00 AM	Prometon	n/a	<	0.05	µg/L	EPA 525.2	0.05	0.5	WKL	
ME-CC	2020/21-2	Wet	1/29/2021 11:10:00 AM	2/13/2021 7:58:00 AM	Prometryn	n/a	<	0.15	µg/L	EPA 525.2	0.15	0.5	WKL	
ME-CC	2020/21-2	Wet	1/29/2021 11:10:00 AM	2/3/2021 5:40:00 PM	Ronnel (Fenchlorphos)	n/a	<	0.041	µg/L	EPA 625.1m	0.041	0.1	WKL	
ME-CC	2020/21-2	Wet	1/29/2021 11:10:00 AM	2/13/2021 7:58:00 AM	Simazine	n/a	<	0.1	µg/L	EPA 525.2	0.1	0.5	WKL	
ME-CC	2020/21-2	Wet	1/29/2021 11:10:00 AM	2/3/2021 5:40:00 PM	Stirophos (Tetrachlorvinphos)	n/a	<	0.031	µg/L	EPA 625.1m	0.031	0.1	WKL	
ME-CC	2020/21-2	Wet	1/29/2021 11:10:00 AM	2/13/2021 7:58:00 AM	Terbacil	n/a	<	0.45	µg/L	EPA 525.2	0.45	10	WKL	
ME-CC	2020/21-2	Wet	1/29/2021 11:10:00 AM	2/13/2021 7:58:00 AM	Thiobencarb	n/a	<	0.15	µg/L	EPA 525.2	0.15	0.5	WKL	
ME-CC	2020/21-2	Wet	1/29/2021 11:10:00 AM	2/3/2021 5:40:00 PM	Tokuthion	n/a	<	0.078	µg/L	EPA 625.1m	0.078	0.1	WKL	
ME-CC	2020/21-2	Wet	1/29/2021 11:10:00 AM	2/16/2021 9:02:00 PM	Toxaphene	n/a	<	20	µg/L	EPA 608.3	20	20	WKL	
ME-CC	2020/21-2	Wet	1/29/2021 11:10:00 AM	2/3/2021 5:40:00 PM	Trichloronate	n/a	<	0.067	µg/L	EPA 625.1m	0.067	0.1	WKL	
ME-CC	2020/21-2	Wet	1/29/2021 11:10:00 AM	2/13/2021 7:58:00 AM	Trithion	n/a	<	0.1	µg/L	EPA 525.2	0.1	0.5	WKL	
ME-CC	2020/21-3	Wet	3/10/2021 11:40:00 AM	3/10/2021 11:40:00 AM	Conductivity	n/a	=	896	µmhos/cm	Field Meter	-88	1	Field Crew	
ME-CC	2020/21-3	Wet	3/10/2021 11:40:00 AM	3/15/2021 3:15:00 PM	Cyanide	Total	DNQ	0.0018	mg/L	ASTM D7511	0.0003	0.002	WKL	
ME-CC	2020/21-3	Wet	3/10/2021 11:40:00 AM	3/10/2021 11:40:00 AM	DO	n/a	=	11.33	mg/L	Field Meter	-88	0.3	Field Crew	
ME-CC	2020/21-3	Wet	3/10/2021 11:40:00 AM	3/10/2021 11:40:00 AM	DO	n/a	=	111.1	%	Field Meter	-88	0.1	Field Crew	
ME-CC	2020/21-3	Wet	3/10/2021 11:40:00 AM	3/10/2021 11:40:00 AM	pH	n/a	=	7.55	pH Units	Field Meter	-88	0.01	Field Crew	
ME-CC	2020/21-3	Wet	3/10/2021 11:40:00 AM	3/10/2021 11:40:00 AM	Salinity	n/a	=	600	mg/L	Field Meter	-88	100	Field Crew	
ME-CC	2020/21-3	Wet	3/10/2021 11:40:00 AM	3/10/2021 11:40:00 AM	Specific Conductance	n/a	=	1120	µmhos/cm	Field Meter	-88	1	Field Crew	
ME-CC	2020/21-3	Wet	3/10/2021 11:40:00 AM	3/10/2021 11:40:00 AM	Temperature	n/a	=	14.4	°C	Field Meter	-88	0.1	Field Crew	
ME-CC	2020/21-3	Wet	3/10/2021 11:40:00 AM	3/26/2021 12:04:00 PM	Oil and Grease	n/a	DNQ	1	mg/L	EPA 1664B	0.7	5	WKL	
ME-CC	2020/21-3	Wet	3/10/2021 12:49:00 PM	3/12/2021 10:09:00 PM	Chloride	n/a	=	170	mg/L	EPA 300.0	0.17	1	WKL	
ME-CC	2020/21-3	Wet	3/10/2021 12:49:00 PM	3/12/2021 10:09:00 PM	Fluoride	n/a	=	0.4	mg/L	EPA 300.0	0.018	0.2	WKL	
ME-CC	2020/21-3	Wet	3/10/2021 12:49:00 PM	3/19/2021 10:33:00 PM	Perchlorate	n/a	<	1.7	µg/L	EPA 314.0	1.7	4	WKL	
ME-CC	2020/21-3	Wet	3/10/2021 12:49:00 PM	3/19/2021 5:58:00 PM	Calcium	Total	=	65.7	mg/L	EPA 200.7	0.16	0.5	WKL	
ME-CC	2020/21-3	Wet	3/10/2021 12:49:00 PM	3/19/2021 5:58:00 PM	Magnesium	Total	=	39.8	mg/L	EPA 200.7	0.039	0.5	WKL	
ME-CC	2020/21-3	Wet	3/10/2021 12:49:00 PM	3/11/2021 11:38:00 AM	Alkalinity as CaCO3	n/a	=	180	mg/L	SM 2320 B	0.56	5	WKL	
ME-CC	2020/21-3	Wet	3/10/2021 12:49:00 PM	3/16/2021 4:34:00 PM	BOD	n/a	=	6.5	mg/L	SM 5210 B	2	2	WKL	
ME-CC	2020/21-3	Wet	3/10/2021 12:49:00 PM	3/18/2021 11:53:00 AM	COD	n/a	=	33	mg/L	EPA 410.4	2.9	5	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
ME-CC	2020/21-3	Wet	3/10/2021 12:49:00 PM	3/19/2021 5:58:00 PM	Hardness as CaCO3	Total	=	328	mg/L	EPA 200.7	0.56	3.31	WKL	
ME-CC	2020/21-3	Wet	3/10/2021 12:49:00 PM	3/11/2021 8:58:00 PM	MBAS	n/a	DNQ	0.044	mg/L	SM 5540 C	0.017	0.05	WKL	
ME-CC	2020/21-3	Wet	3/10/2021 12:49:00 PM	3/19/2021 1:50:00 PM	Phenolics	n/a	<	0.0032	mg/L	EPA 420.4	0.0032	0.01	WKL	
ME-CC	2020/21-3	Wet	3/10/2021 12:49:00 PM	3/15/2021 1:37:00 PM	Specific Conductance	n/a	=	1300	µmhos/cm	SM 2510 B	0.23	2	WKL	
ME-CC	2020/21-3	Wet	3/10/2021 12:49:00 PM	3/11/2021 7:32:00 PM	Total Chlorine Residual	n/a	DNQ	0.042	mg/L	SM 4500-Cl G	0.0076	0.05	WKL	EST-HT
ME-CC	2020/21-3	Wet	3/10/2021 12:49:00 PM	3/11/2021 7:32:00 PM	Total Chlorine Residual	n/a	DNQ	0.029	mg/L	SM 4500-Cl Gm	0.0076	0.05	WKL	EST-HT
ME-CC	2020/21-3	Wet	3/10/2021 12:49:00 PM	3/15/2021 6:00:00 PM	Total Dissolved Solids	n/a	=	780	mg/L	SM 2540 C	4	10	WKL	
ME-CC	2020/21-3	Wet	3/10/2021 12:49:00 PM	4/5/2021	Total Organic Carbon	n/a	=	9.1	mg/L	SM 5310 B	1	1	WKL	
ME-CC	2020/21-3	Wet	3/10/2021 12:49:00 PM	3/12/2021 4:29:00 PM	Total Suspended Solids	n/a	=	100	mg/L	SM 2540 D	-88	5	WKL	
ME-CC	2020/21-3	Wet	3/10/2021 12:49:00 PM	3/11/2021 4:52:00 PM	Turbidity	n/a	=	13	NTU	EPA 180.1	0.017	0.1	WKL	
ME-CC	2020/21-3	Wet	3/10/2021 12:49:00 PM	3/12/2021 4:29:00 PM	Volatile Suspended Solids	n/a	=	24	mg/L	EPA 160.4	3.1	5	WKL	
ME-CC	2020/21-3	Wet	3/10/2021 12:49:00 PM	3/25/2021 8:04:00 PM	Diesel Range Organics	n/a	=	0.18	mg/L	EPA 8015B	0.032	0.1	WKL	
ME-CC	2020/21-3	Wet	3/10/2021 12:49:00 PM	3/25/2021 8:04:00 PM	Oil Range Organics	n/a	<	0.33	mg/L	EPA 8015B	0.33	0.5	WKL	
ME-CC	2020/21-3	Wet	3/10/2021 12:49:00 PM	3/17/2021 4:00:00 PM	Aluminum	Dissolved	DNQ	5.3	µg/L	EPA 200.8	4.4	20	WKL	
ME-CC	2020/21-3	Wet	3/10/2021 12:49:00 PM	3/17/2021 4:00:00 PM	Aluminum	Total	=	2700	µg/L	EPA 200.8	4.4	20	WKL	
ME-CC	2020/21-3	Wet	3/10/2021 12:49:00 PM	3/17/2021 3:57:00 PM	Antimony	Dissolved	DNQ	0.44	µg/L	EPA 200.8	0.089	0.5	WKL	
ME-CC	2020/21-3	Wet	3/10/2021 12:49:00 PM	3/17/2021 4:00:00 PM	Antimony	Total	=	0.5	µg/L	EPA 200.8	0.089	0.5	WKL	
ME-CC	2020/21-3	Wet	3/10/2021 12:49:00 PM	3/17/2021 3:57:00 PM	Arsenic	Dissolved	=	2.6	µg/L	EPA 200.8	0.074	0.4	WKL	
ME-CC	2020/21-3	Wet	3/10/2021 12:49:00 PM	3/17/2021 4:00:00 PM	Arsenic	Total	=	3.3	µg/L	EPA 200.8	0.074	0.4	WKL	
ME-CC	2020/21-3	Wet	3/10/2021 12:49:00 PM	3/17/2021 4:00:00 PM	Barium	Total	=	46	µg/L	EPA 200.8	0.14	1	WKL	
ME-CC	2020/21-3	Wet	3/10/2021 12:49:00 PM	3/17/2021 3:57:00 PM	Beryllium	Dissolved	<	0.062	µg/L	EPA 200.8	0.062	0.1	WKL	
ME-CC	2020/21-3	Wet	3/10/2021 12:49:00 PM	3/17/2021 4:00:00 PM	Beryllium	Total	DNQ	0.084	µg/L	EPA 200.8	0.062	0.1	WKL	
ME-CC	2020/21-3	Wet	3/10/2021 12:49:00 PM	3/17/2021 3:57:00 PM	Cadmium	Dissolved	DNQ	0.16	µg/L	EPA 200.8	0.042	0.2	WKL	
ME-CC	2020/21-3	Wet	3/10/2021 12:49:00 PM	3/17/2021 4:00:00 PM	Cadmium	Total	=	0.28	µg/L	EPA 200.8	0.042	0.2	WKL	
ME-CC	2020/21-3	Wet	3/10/2021 12:49:00 PM	3/17/2021 3:57:00 PM	Chromium	Dissolved	=	0.23	µg/L	EPA 200.8	0.089	0.2	WKL	
ME-CC	2020/21-3	Wet	3/10/2021 12:49:00 PM	3/17/2021 4:00:00 PM	Chromium	Total	=	7.6	µg/L	EPA 200.8	0.089	0.2	WKL	
ME-CC	2020/21-3	Wet	3/10/2021 12:49:00 PM	3/22/2021 1:15:00 PM	Chromium VI	n/a	=	0.11	µg/L	EPA 218.6	0.0079	0.02	WKL	
ME-CC	2020/21-3	Wet	3/10/2021 12:49:00 PM	3/17/2021 3:57:00 PM	Copper	Dissolved	=	4.5	µg/L	EPA 200.8	0.23	0.5	WKL	
ME-CC	2020/21-3	Wet	3/10/2021 12:49:00 PM	3/17/2021 4:00:00 PM	Copper	Total	=	8.6	µg/L	EPA 200.8	0.23	0.5	WKL	
ME-CC	2020/21-3	Wet	3/10/2021 12:49:00 PM	3/17/2021 3:57:00 PM	Iron	Dissolved	DNQ	15	µg/L	EPA 200.8	3.9	20	WKL	
ME-CC	2020/21-3	Wet	3/10/2021 12:49:00 PM	3/17/2021 4:00:00 PM	Iron	Total	=	3400	µg/L	EPA 200.8	3.9	20	WKL	
ME-CC	2020/21-3	Wet	3/10/2021 12:49:00 PM	3/17/2021 3:57:00 PM	Lead	Dissolved	DNQ	0.12	µg/L	EPA 200.8	0.083	0.2	WKL	
ME-CC	2020/21-3	Wet	3/10/2021 12:49:00 PM	3/17/2021 4:00:00 PM	Lead	Total	=	2	µg/L	EPA 200.8	0.083	0.2	WKL	
ME-CC	2020/21-3	Wet	3/10/2021 12:49:00 PM	3/18/2021 2:52:00 PM	Mercury	Dissolved	<	17	ng/L	EPA 245.1	17	50	WKL	
ME-CC	2020/21-3	Wet	3/10/2021 12:49:00 PM	3/18/2021 2:54:00 PM	Mercury	Total	<	17	ng/L	EPA 245.1	17	50	WKL	
ME-CC	2020/21-3	Wet	3/10/2021 12:49:00 PM	3/17/2021 3:57:00 PM	Nickel	Dissolved	=	4.5	µg/L	EPA 200.8	0.16	2	WKL	
ME-CC	2020/21-3	Wet	3/10/2021 12:49:00 PM	3/17/2021 4:00:00 PM	Nickel	Total	=	9.2	µg/L	EPA 200.8	0.16	2	WKL	
ME-CC	2020/21-3	Wet	3/10/2021 12:49:00 PM	3/17/2021 3:57:00 PM	Selenium	Dissolved	=	0.51	µg/L	EPA 200.8	0.067	0.4	WKL	
ME-CC	2020/21-3	Wet	3/10/2021 12:49:00 PM	3/17/2021 4:00:00 PM	Selenium	Total	=	0.63	µg/L	EPA 200.8	0.067	0.4	WKL	
ME-CC	2020/21-3	Wet	3/10/2021 12:49:00 PM	3/17/2021 5:32:00 PM	Silver	Dissolved	<	0.03	µg/L	EPA 200.8	0.03	0.2	WKL	
ME-CC	2020/21-3	Wet	3/10/2021 12:49:00 PM	3/17/2021 5:35:00 PM	Silver	Total	<	0.03	µg/L	EPA 200.8	0.03	0.2	WKL	
ME-CC	2020/21-3	Wet	3/10/2021 12:49:00 PM	3/17/2021 4:00:00 PM	Thallium	Dissolved	<	0.021	µg/L	EPA 200.8	0.021	0.2	WKL	
ME-CC	2020/21-3	Wet	3/10/2021 12:49:00 PM	3/17/2021 4:00:00 PM	Thallium	Total	DNQ	0.033	µg/L	EPA 200.8	0.021	0.2	WKL	
ME-CC	2020/21-3	Wet	3/10/2021 12:49:00 PM	3/17/2021 3:57:00 PM	Zinc	Dissolved	=	21	µg/L	EPA 200.8	0.8	10	WKL	
ME-CC	2020/21-3	Wet	3/10/2021 12:49:00 PM	3/17/2021 4:00:00 PM	Zinc	Total	=	38	µg/L	EPA 200.8	0.8	10	WKL	
ME-CC	2020/21-3	Wet	3/10/2021 12:49:00 PM	3/18/2021 3:57:00 PM	Ammonia as N	n/a	=	0.2	mg/L	EPA 350.1	0.047	0.1	WKL	
ME-CC	2020/21-3	Wet	3/10/2021 12:49:00 PM	3/11/2021 6:56:00 PM	Nitrate + Nitrite as N	n/a	=	7.2	mg/L	EPA 353.2	0.036	0.2	WKL	
ME-CC	2020/21-3	Wet	3/10/2021 12:49:00 PM	3/11/2021 6:56:00 PM	Nitrate as N	n/a	=	7.2	mg/L	EPA 353.2	0.04	0.2	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
ME-CC	2020/21-3	Wet	3/10/2021 12:49:00 PM	3/19/2021 5:55:00 PM	Phosphorus as P	Dissolved	=	2.3	mg/L	EPA 200.7	0.012	0.02	WKL	
ME-CC	2020/21-3	Wet	3/10/2021 12:49:00 PM	3/19/2021 5:58:00 PM	Phosphorus as P	Total	=	2.5	mg/L	EPA 200.7	0.018	0.05	WKL	
ME-CC	2020/21-3	Wet	3/10/2021 12:49:00 PM	3/19/2021 3:49:00 PM	TKN	n/a	=	1.2	mg/L	EPA 351.2	0.065	0.1	WKL	
ME-CC	2020/21-3	Wet	3/10/2021 12:49:00 PM	4/1/2021 11:21:00 PM	1,2,4-Trichlorobenzene	n/a	<	4.9	µg/L	EPA 625.1	4.9	10	WKL	
ME-CC	2020/21-3	Wet	3/10/2021 12:49:00 PM	4/1/2021 11:21:00 PM	1,2-Dichlorobenzene	n/a	<	4.6	µg/L	EPA 625.1	4.6	10	WKL	
ME-CC	2020/21-3	Wet	3/10/2021 12:49:00 PM	4/1/2021 11:21:00 PM	1,2-Diphenylhydrazine	n/a	<	3	µg/L	EPA 625.1	3	10	WKL	
ME-CC	2020/21-3	Wet	3/10/2021 12:49:00 PM	4/1/2021 11:21:00 PM	1,3-Dichlorobenzene	n/a	<	4.2	µg/L	EPA 625.1	4.2	10	WKL	
ME-CC	2020/21-3	Wet	3/10/2021 12:49:00 PM	4/1/2021 11:21:00 PM	1,4-Dichlorobenzene	n/a	<	4.8	µg/L	EPA 625.1	4.8	10	WKL	
ME-CC	2020/21-3	Wet	3/10/2021 12:49:00 PM	3/27/2021 1:23:00 AM	1-Methylnaphthalene	n/a	<	0.24	µg/L	EPA 8270C	0.24	1	WKL	
ME-CC	2020/21-3	Wet	3/10/2021 12:49:00 PM	3/26/2021 12:23:00 AM	2,4,5-Trichlorophenol	n/a	<	2.9	µg/L	EPA 8270C	2.9	10	WKL	
ME-CC	2020/21-3	Wet	3/10/2021 12:49:00 PM	4/1/2021 11:21:00 PM	2,4,6-Trichlorophenol	n/a	<	2.2	µg/L	EPA 625.1	2.2	10	WKL	
ME-CC	2020/21-3	Wet	3/10/2021 12:49:00 PM	3/26/2021 12:23:00 AM	2,4,6-Trichlorophenol	n/a	<	3	µg/L	EPA 8270C	3	10	WKL	
ME-CC	2020/21-3	Wet	3/10/2021 12:49:00 PM	4/1/2021 11:21:00 PM	2,4-Dichlorophenol	n/a	<	2.6	µg/L	EPA 625.1	2.6	10	WKL	
ME-CC	2020/21-3	Wet	3/10/2021 12:49:00 PM	3/26/2021 12:23:00 AM	2,4-Dichlorophenol	n/a	<	5.1	µg/L	EPA 8270C	5.1	10	WKL	
ME-CC	2020/21-3	Wet	3/10/2021 12:49:00 PM	4/1/2021 11:21:00 PM	2,4-Dimethylphenol	n/a	<	3	µg/L	EPA 625.1	3	10	WKL	
ME-CC	2020/21-3	Wet	3/10/2021 12:49:00 PM	3/26/2021 12:23:00 AM	2,4-Dimethylphenol	n/a	<	10	µg/L	EPA 8270C	10	20	WKL	
ME-CC	2020/21-3	Wet	3/10/2021 12:49:00 PM	4/1/2021 11:21:00 PM	2,4-Dinitrophenol	n/a	<	19	µg/L	EPA 625.1	19	100	WKL	
ME-CC	2020/21-3	Wet	3/10/2021 12:49:00 PM	3/26/2021 12:23:00 AM	2,4-Dinitrophenol	n/a	<	10	µg/L	EPA 8270C	10	20	WKL	
ME-CC	2020/21-3	Wet	3/10/2021 12:49:00 PM	4/1/2021 11:21:00 PM	2,4-Dinitrotoluene	n/a	<	1.8	µg/L	EPA 625.1	1.8	10	WKL	
ME-CC	2020/21-3	Wet	3/10/2021 12:49:00 PM	4/1/2021 11:21:00 PM	2,6-Dinitrotoluene	n/a	<	2.7	µg/L	EPA 625.1	2.7	10	WKL	
ME-CC	2020/21-3	Wet	3/10/2021 12:49:00 PM	4/1/2021 11:21:00 PM	2-Chloronaphthalene	n/a	<	4.5	µg/L	EPA 625.1	4.5	10	WKL	
ME-CC	2020/21-3	Wet	3/10/2021 12:49:00 PM	4/1/2021 11:21:00 PM	2-Chlorophenol	n/a	<	2.8	µg/L	EPA 625.1	2.8	10	WKL	
ME-CC	2020/21-3	Wet	3/10/2021 12:49:00 PM	3/26/2021 12:23:00 AM	2-Chlorophenol	n/a	<	6.5	µg/L	EPA 8270C	6.5	10	WKL	
ME-CC	2020/21-3	Wet	3/10/2021 12:49:00 PM	3/27/2021 1:23:00 AM	2-Methylnaphthalene	n/a	<	0.26	µg/L	EPA 8270C	0.26	1	WKL	
ME-CC	2020/21-3	Wet	3/10/2021 12:49:00 PM	3/26/2021 12:23:00 AM	2-Methylphenol	n/a	<	3.4	µg/L	EPA 8270C	3.4	10	WKL	
ME-CC	2020/21-3	Wet	3/10/2021 12:49:00 PM	4/1/2021 11:21:00 PM	2-Nitrophenol	n/a	<	2.6	µg/L	EPA 625.1	2.6	10	WKL	
ME-CC	2020/21-3	Wet	3/10/2021 12:49:00 PM	3/26/2021 12:23:00 AM	2-Nitrophenol	n/a	<	7.1	µg/L	EPA 8270C	7.1	10	WKL	
ME-CC	2020/21-3	Wet	3/10/2021 12:49:00 PM	4/1/2021 11:21:00 PM	3,3'-Dichlorobenzidine	n/a	<	9.9	µg/L	EPA 625.1	9.9	50	WKL	
ME-CC	2020/21-3	Wet	3/10/2021 12:49:00 PM	3/26/2021 12:23:00 AM	3-4-Methylphenol	n/a	<	3	µg/L	EPA 8270C	3	10	WKL	
ME-CC	2020/21-3	Wet	3/10/2021 12:49:00 PM	4/1/2021 11:21:00 PM	4,6-Dinitro-2-methylphenol	n/a	<	14	µg/L	EPA 625.1	14	50	WKL	
ME-CC	2020/21-3	Wet	3/10/2021 12:49:00 PM	3/26/2021 12:23:00 AM	4,6-Dinitro-2-methylphenol	n/a	<	1.4	µg/L	EPA 8270C	1.4	10	WKL	
ME-CC	2020/21-3	Wet	3/10/2021 12:49:00 PM	4/1/2021 11:21:00 PM	4-Bromophenyl phenyl ether	n/a	<	3.6	µg/L	EPA 625.1	3.6	10	WKL	
ME-CC	2020/21-3	Wet	3/10/2021 12:49:00 PM	4/1/2021 11:21:00 PM	4-Chloro-3-methylphenol	n/a	<	2.3	µg/L	EPA 625.1	2.3	10	WKL	
ME-CC	2020/21-3	Wet	3/10/2021 12:49:00 PM	3/26/2021 12:23:00 AM	4-Chloro-3-methylphenol	n/a	<	3.7	µg/L	EPA 8270C	3.7	10	WKL	
ME-CC	2020/21-3	Wet	3/10/2021 12:49:00 PM	4/1/2021 11:21:00 PM	4-Chlorophenyl phenyl ether	n/a	<	4.1	µg/L	EPA 625.1	4.1	10	WKL	
ME-CC	2020/21-3	Wet	3/10/2021 12:49:00 PM	4/1/2021 11:21:00 PM	4-Nitrophenol	n/a	<	12	µg/L	EPA 625.1	12	50	WKL	
ME-CC	2020/21-3	Wet	3/10/2021 12:49:00 PM	3/26/2021 12:23:00 AM	4-Nitrophenol	n/a	<	10	µg/L	EPA 8270C	10	20	WKL	
ME-CC	2020/21-3	Wet	3/10/2021 12:49:00 PM	4/1/2021 11:21:00 PM	Acenaphthene	n/a	<	3.8	µg/L	EPA 625.1	3.8	10	WKL	
ME-CC	2020/21-3	Wet	3/10/2021 12:49:00 PM	3/27/2021 1:23:00 AM	Acenaphthene	n/a	<	0.28	µg/L	EPA 8270C	0.28	1	WKL	
ME-CC	2020/21-3	Wet	3/10/2021 12:49:00 PM	4/1/2021 11:21:00 PM	Acenaphthylene	n/a	<	1.7	µg/L	EPA 625.1	1.7	10	WKL	
ME-CC	2020/21-3	Wet	3/10/2021 12:49:00 PM	3/27/2021 1:23:00 AM	Acenaphthylene	n/a	<	0.33	µg/L	EPA 8270C	0.33	1	WKL	
ME-CC	2020/21-3	Wet	3/10/2021 12:49:00 PM	4/1/2021 11:21:00 PM	Anthracene	n/a	<	1.2	µg/L	EPA 625.1	1.2	10	WKL	
ME-CC	2020/21-3	Wet	3/10/2021 12:49:00 PM	3/27/2021 1:23:00 AM	Anthracene	n/a	<	0.25	µg/L	EPA 8270C	0.25	1	WKL	
ME-CC	2020/21-3	Wet	3/10/2021 12:49:00 PM	4/1/2021 11:21:00 PM	Benz(a)anthracene	n/a	<	1.9	µg/L	EPA 625.1	1.9	10	WKL	
ME-CC	2020/21-3	Wet	3/10/2021 12:49:00 PM	3/27/2021 1:23:00 AM	Benz(a)anthracene	n/a	<	0.51	µg/L	EPA 8270C	0.51	1	WKL	
ME-CC	2020/21-3	Wet	3/10/2021 12:49:00 PM	4/1/2021 11:21:00 PM	Benzenidazole	n/a	<	14	µg/L	EPA 625.1	14	100	WKL	
ME-CC	2020/21-3	Wet	3/10/2021 12:49:00 PM	4/1/2021 11:21:00 PM	Benzo(a)pyrene	n/a	<	3.9	µg/L	EPA 625.1	3.9	10	WKL	
ME-CC	2020/21-3	Wet	3/10/2021 12:49:00 PM	3/27/2021 1:23:00 AM	Benzo(a)pyrene	n/a	<	0.51	µg/L	EPA 8270C	0.51	1	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
ME-CC	2020/21-3	Wet	3/10/2021 12:49:00 PM	3/22/2021 10:26:00 PM	Benzo(a)pyrene	n/a	<	0.08	µg/L	EPA 525.2	0.08	0.4	WKL	
ME-CC	2020/21-3	Wet	3/10/2021 12:49:00 PM	3/27/2021 1:23:00 AM	Benzo(b)fluoranthene	n/a	DNQ	0.33	µg/L	EPA 8270C	0.27	1	WKL	UL-IP, UL-MB
ME-CC	2020/21-3	Wet	3/10/2021 12:49:00 PM	4/1/2021 11:21:00 PM	Benzo(b)fluoranthene	n/a	<	4.6	µg/L	EPA 625.1	4.6	10	WKL	
ME-CC	2020/21-3	Wet	3/10/2021 12:49:00 PM	4/1/2021 11:21:00 PM	Benzo(g,h,i)perylene	n/a	<	4.2	µg/L	EPA 625.1	4.2	20	WKL	
ME-CC	2020/21-3	Wet	3/10/2021 12:49:00 PM	3/27/2021 1:23:00 AM	Benzo(g,h,i)perylene	n/a	<	0.5	µg/L	EPA 8270C	0.5	1	WKL	
ME-CC	2020/21-3	Wet	3/10/2021 12:49:00 PM	4/1/2021 11:21:00 PM	Benzo(k)fluoranthene	n/a	<	2.2	µg/L	EPA 625.1	2.2	10	WKL	
ME-CC	2020/21-3	Wet	3/10/2021 12:49:00 PM	3/27/2021 1:23:00 AM	Benzo(k)fluoranthene	n/a	DNQ	0.32	µg/L	EPA 8270C	0.26	1	WKL	UL-IP, UL-MB
ME-CC	2020/21-3	Wet	3/10/2021 12:49:00 PM	4/1/2021 11:21:00 PM	Bis(2-chloroethoxy)methane	n/a	<	2.5	µg/L	EPA 625.1	2.5	10	WKL	
ME-CC	2020/21-3	Wet	3/10/2021 12:49:00 PM	4/1/2021 11:21:00 PM	Bis(2-chloroethyl)ether	n/a	<	2.7	µg/L	EPA 625.1	2.7	10	WKL	
ME-CC	2020/21-3	Wet	3/10/2021 12:49:00 PM	4/1/2021 11:21:00 PM	Bis(2-chloroisopropyl)ether	n/a	<	3.8	µg/L	EPA 625.1	3.8	10	WKL	
ME-CC	2020/21-3	Wet	3/10/2021 12:49:00 PM	3/22/2021 10:26:00 PM	Bis(2-ethylhexyl)adipate	n/a	DNQ	2.7	µg/L	EPA 525.2	0.48	20	WKL	UL-MB
ME-CC	2020/21-3	Wet	3/10/2021 12:49:00 PM	3/22/2021 10:26:00 PM	Bis(2-ethylhexyl)phthalate	n/a	DNQ	1.8	µg/L	EPA 525.2	1.6	12	WKL	UL-MB
ME-CC	2020/21-3	Wet	3/10/2021 12:49:00 PM	4/1/2021 11:21:00 PM	Bis(2-ethylhexyl)phthalate	n/a	<	23	µg/L	EPA 625.1	23	50	WKL	
ME-CC	2020/21-3	Wet	3/10/2021 12:49:00 PM	4/1/2021 11:21:00 PM	Butyl benzyl phthalate	n/a	<	1.8	µg/L	EPA 625.1	1.8	10	WKL	
ME-CC	2020/21-3	Wet	3/10/2021 12:49:00 PM	4/1/2021 11:21:00 PM	Chrysene	n/a	<	1.9	µg/L	EPA 625.1	1.9	10	WKL	
ME-CC	2020/21-3	Wet	3/10/2021 12:49:00 PM	3/27/2021 1:23:00 AM	Chrysene	n/a	<	0.32	µg/L	EPA 8270C	0.32	1	WKL	
ME-CC	2020/21-3	Wet	3/10/2021 12:49:00 PM	4/1/2021 11:21:00 PM	Dibenz(a,h)anthracene	n/a	<	5.3	µg/L	EPA 625.1	5.3	20	WKL	
ME-CC	2020/21-3	Wet	3/10/2021 12:49:00 PM	3/27/2021 1:23:00 AM	Dibenz(a,h)anthracene	n/a	<	0.96	µg/L	EPA 8270C	0.96	1	WKL	
ME-CC	2020/21-3	Wet	3/10/2021 12:49:00 PM	4/1/2021 11:21:00 PM	Diethyl phthalate	n/a	DNQ	2.5	µg/L	EPA 625.1	1.5	10	WKL	
ME-CC	2020/21-3	Wet	3/10/2021 12:49:00 PM	4/1/2021 11:21:00 PM	Dimethyl phthalate	n/a	<	1.8	µg/L	EPA 625.1	1.8	10	WKL	
ME-CC	2020/21-3	Wet	3/10/2021 12:49:00 PM	4/1/2021 11:21:00 PM	Di-n-butylphthalate	n/a	<	1	µg/L	EPA 625.1	1	10	WKL	
ME-CC	2020/21-3	Wet	3/10/2021 12:49:00 PM	4/1/2021 11:21:00 PM	Di-n-octylphthalate	n/a	<	4.6	µg/L	EPA 625.1	4.6	10	WKL	
ME-CC	2020/21-3	Wet	3/10/2021 12:49:00 PM	4/1/2021 11:21:00 PM	Fluoranthene	n/a	<	0.8	µg/L	EPA 625.1	0.8	10	WKL	
ME-CC	2020/21-3	Wet	3/10/2021 12:49:00 PM	3/27/2021 1:23:00 AM	Fluoranthene	n/a	<	0.39	µg/L	EPA 8270C	0.39	1	WKL	
ME-CC	2020/21-3	Wet	3/10/2021 12:49:00 PM	4/1/2021 11:21:00 PM	Fluorene	n/a	<	3.5	µg/L	EPA 625.1	3.5	10	WKL	
ME-CC	2020/21-3	Wet	3/10/2021 12:49:00 PM	3/27/2021 1:23:00 AM	Fluorene	n/a	<	0.29	µg/L	EPA 8270C	0.29	1	WKL	
ME-CC	2020/21-3	Wet	3/10/2021 12:49:00 PM	4/1/2021 11:21:00 PM	Hexachlorobenzene	n/a	<	4.9	µg/L	EPA 625.1	4.9	10	WKL	
ME-CC	2020/21-3	Wet	3/10/2021 12:49:00 PM	4/1/2021 11:21:00 PM	Hexachlorobutadiene	n/a	<	4.7	µg/L	EPA 625.1	4.7	10	WKL	
ME-CC	2020/21-3	Wet	3/10/2021 12:49:00 PM	4/1/2021 11:21:00 PM	Hexachlorocyclopentadiene	n/a	<	9.8	µg/L	EPA 625.1	9.8	50	WKL	
ME-CC	2020/21-3	Wet	3/10/2021 12:49:00 PM	4/1/2021 11:21:00 PM	Hexachloroethane	n/a	<	5	µg/L	EPA 625.1	5	10	WKL	
ME-CC	2020/21-3	Wet	3/10/2021 12:49:00 PM	4/1/2021 11:21:00 PM	Indeno(1,2,3-cd)pyrene	n/a	<	5.5	µg/L	EPA 625.1	5.5	20	WKL	
ME-CC	2020/21-3	Wet	3/10/2021 12:49:00 PM	3/27/2021 1:23:00 AM	Indeno(1,2,3-cd)pyrene	n/a	<	0.65	µg/L	EPA 8270C	0.65	1	WKL	
ME-CC	2020/21-3	Wet	3/10/2021 12:49:00 PM	4/1/2021 11:21:00 PM	Isophorone	n/a	<	2.1	µg/L	EPA 625.1	2.1	10	WKL	
ME-CC	2020/21-3	Wet	3/10/2021 12:49:00 PM	4/1/2021 11:21:00 PM	Naphthalene	n/a	<	4.9	µg/L	EPA 625.1	4.9	10	WKL	
ME-CC	2020/21-3	Wet	3/10/2021 12:49:00 PM	3/27/2021 1:23:00 AM	Naphthalene	n/a	<	0.26	µg/L	EPA 8270C	0.26	1	WKL	
ME-CC	2020/21-3	Wet	3/10/2021 12:49:00 PM	4/1/2021 11:21:00 PM	Nitrobenzene	n/a	<	3.6	µg/L	EPA 625.1	3.6	10	WKL	
ME-CC	2020/21-3	Wet	3/10/2021 12:49:00 PM	4/1/2021 11:21:00 PM	N-Nitrosodimethylamine	n/a	<	5	µg/L	EPA 625.1	5	10	WKL	
ME-CC	2020/21-3	Wet	3/10/2021 12:49:00 PM	4/1/2021 11:21:00 PM	N-Nitrosodi-N-propylamine	n/a	<	2.6	µg/L	EPA 625.1	2.6	10	WKL	
ME-CC	2020/21-3	Wet	3/10/2021 12:49:00 PM	4/1/2021 11:21:00 PM	N-Nitrosodiphenylamine	n/a	<	1.9	µg/L	EPA 625.1	1.9	10	WKL	
ME-CC	2020/21-3	Wet	3/10/2021 12:49:00 PM	4/1/2021 11:21:00 PM	Phenanthrene	n/a	<	3.2	µg/L	EPA 625.1	3.2	10	WKL	
ME-CC	2020/21-3	Wet	3/10/2021 12:49:00 PM	3/27/2021 1:23:00 AM	Phenanthrene	n/a	<	0.29	µg/L	EPA 8270C	0.29	1	WKL	
ME-CC	2020/21-3	Wet	3/10/2021 12:49:00 PM	4/1/2021 11:21:00 PM	Phenol	n/a	<	1.6	µg/L	EPA 625.1	1.6	10	WKL	
ME-CC	2020/21-3	Wet	3/10/2021 12:49:00 PM	3/26/2021 12:23:00 AM	Phenol	n/a	<	3.5	µg/L	EPA 8270C	3.5	10	WKL	
ME-CC	2020/21-3	Wet	3/10/2021 12:49:00 PM	4/1/2021 11:21:00 PM	Pyrene	n/a	<	2.5	µg/L	EPA 625.1	2.5	10	WKL	
ME-CC	2020/21-3	Wet	3/10/2021 12:49:00 PM	3/27/2021 1:23:00 AM	Pyrene	n/a	<	0.4	µg/L	EPA 8270C	0.4	1	WKL	
ME-CC	2020/21-3	Wet	3/10/2021 12:49:00 PM	4/2/2021 10:02:00 PM	PCB Aroclor 1016	n/a	<	5	µg/L	EPA 608.3	5	5	WKL	
ME-CC	2020/21-3	Wet	3/10/2021 12:49:00 PM	4/2/2021 10:02:00 PM	PCB Aroclor 1221	n/a	<	5	µg/L	EPA 608.3	5	5	WKL	
ME-CC	2020/21-3	Wet	3/10/2021 12:49:00 PM	4/2/2021 10:02:00 PM	PCB Aroclor 1232	n/a	<	5	µg/L	EPA 608.3	5	5	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
ME-CC	2020/21-3	Wet	3/10/2021 12:49:00 PM	4/2/2021 10:02:00 PM	PCB Aroclor 1242	n/a	<	5	µg/L	EPA 608.3	5	5	WKL	
ME-CC	2020/21-3	Wet	3/10/2021 12:49:00 PM	4/2/2021 10:02:00 PM	PCB Aroclor 1248	n/a	<	5	µg/L	EPA 608.3	5	5	WKL	
ME-CC	2020/21-3	Wet	3/10/2021 12:49:00 PM	4/2/2021 10:02:00 PM	PCB Aroclor 1254	n/a	<	5	µg/L	EPA 608.3	5	5	WKL	
ME-CC	2020/21-3	Wet	3/10/2021 12:49:00 PM	4/2/2021 10:02:00 PM	PCB Aroclor 1260	n/a	<	5	µg/L	EPA 608.3	5	5	WKL	
ME-CC	2020/21-3	Wet	3/10/2021 12:49:00 PM	3/27/2021 5:54:00 PM	2,4,5-T	n/a	<	0.055	µg/L	EPA 515.4	0.055	0.2	WKL	
ME-CC	2020/21-3	Wet	3/10/2021 12:49:00 PM	3/27/2021 5:54:00 PM	2,4,5-TP	n/a	<	0.046	µg/L	EPA 515.4	0.046	0.2	WKL	
ME-CC	2020/21-3	Wet	3/10/2021 12:49:00 PM	3/27/2021 5:54:00 PM	2,4-D	n/a	<	0.14	µg/L	EPA 515.4	0.14	0.4	WKL	
ME-CC	2020/21-3	Wet	3/10/2021 12:49:00 PM	3/27/2021 5:54:00 PM	2,4-DB	n/a	<	0.19	µg/L	EPA 515.4	0.19	2	WKL	
ME-CC	2020/21-3	Wet	3/10/2021 12:49:00 PM	3/27/2021 5:54:00 PM	3,5-Dichlorobenzoic acid	n/a	<	0.12	µg/L	EPA 515.4	0.12	1	WKL	
ME-CC	2020/21-3	Wet	3/10/2021 12:49:00 PM	4/2/2021 10:02:00 PM	4,4'-DDD	n/a	<	0.007	µg/L	EPA 608.3	0.007	0.5	WKL	
ME-CC	2020/21-3	Wet	3/10/2021 12:49:00 PM	4/2/2021 10:02:00 PM	4,4'-DDE	n/a	DNQ	0.016	µg/L	EPA 608.3	0.007	0.5	WKL	
ME-CC	2020/21-3	Wet	3/10/2021 12:49:00 PM	4/2/2021 10:02:00 PM	4,4'-DDT	n/a	<	0.011	µg/L	EPA 608.3	0.011	0.1	WKL	
ME-CC	2020/21-3	Wet	3/10/2021 12:49:00 PM	3/27/2021 5:54:00 PM	Acifluorfen	n/a	<	0.072	µg/L	EPA 515.4	0.072	0.4	WKL	
ME-CC	2020/21-3	Wet	3/10/2021 12:49:00 PM	3/22/2021 10:26:00 PM	Alachlor	n/a	<	0.12	µg/L	EPA 525.2	0.12	0.4	WKL	
ME-CC	2020/21-3	Wet	3/10/2021 12:49:00 PM	4/2/2021 10:02:00 PM	Aldrin	n/a	<	0.01	µg/L	EPA 608.3	0.01	0.05	WKL	
ME-CC	2020/21-3	Wet	3/10/2021 12:49:00 PM	4/2/2021 10:02:00 PM	alpha-BHC	n/a	<	0.011	µg/L	EPA 608.3	0.011	0.1	WKL	
ME-CC	2020/21-3	Wet	3/10/2021 12:49:00 PM	4/2/2021 10:02:00 PM	alpha-Chlordane	n/a	<	0.029	µg/L	EPA 608.3	0.029	0.1	WKL	
ME-CC	2020/21-3	Wet	3/10/2021 12:49:00 PM	3/22/2021 10:26:00 PM	Atrazine	n/a	<	0.12	µg/L	EPA 525.2	0.12	0.4	WKL	
ME-CC	2020/21-3	Wet	3/10/2021 12:49:00 PM	3/20/2021 1:53:00 AM	Azinphos methyl	n/a	<	0.011	µg/L	EPA 625.1m	0.011	0.02	WKL	
ME-CC	2020/21-3	Wet	3/10/2021 12:49:00 PM	3/27/2021 5:54:00 PM	Bentazon	n/a	<	0.23	µg/L	EPA 515.4	0.23	2	WKL	
ME-CC	2020/21-3	Wet	3/10/2021 12:49:00 PM	4/2/2021 10:02:00 PM	beta-BHC	n/a	<	0.015	µg/L	EPA 608.3	0.015	0.05	WKL	
ME-CC	2020/21-3	Wet	3/10/2021 12:49:00 PM	3/20/2021 1:53:00 AM	Bolstar	n/a	<	0.0092	µg/L	EPA 625.1m	0.0092	0.02	WKL	
ME-CC	2020/21-3	Wet	3/10/2021 12:49:00 PM	3/22/2021 10:26:00 PM	Bromacil	n/a	DNQ	1.1	µg/L	EPA 525.2	0.64	2	WKL	
ME-CC	2020/21-3	Wet	3/10/2021 12:49:00 PM	3/22/2021 10:26:00 PM	Butachlor	n/a	<	0.12	µg/L	EPA 525.2	0.12	0.4	WKL	
ME-CC	2020/21-3	Wet	3/10/2021 12:49:00 PM	3/22/2021 10:26:00 PM	Captan	n/a	<	0.64	µg/L	EPA 525.2	0.64	4	WKL	
ME-CC	2020/21-3	Wet	3/10/2021 12:49:00 PM	4/2/2021 10:02:00 PM	Chlordane (technical)	n/a	<	0.43	µg/L	EPA 608.3	0.43	1	WKL	
ME-CC	2020/21-3	Wet	3/10/2021 12:49:00 PM	3/22/2021 10:26:00 PM	Chlorpropham	n/a	<	0.16	µg/L	EPA 525.2	0.16	0.4	WKL	
ME-CC	2020/21-3	Wet	3/10/2021 12:49:00 PM	3/20/2021 1:53:00 AM	Chlorpyrifos	n/a	<	0.014	µg/L	EPA 625.1m	0.014	0.02	WKL	
ME-CC	2020/21-3	Wet	3/10/2021 12:49:00 PM	3/20/2021 1:53:00 AM	Coumaphos	n/a	<	0.01	µg/L	EPA 625.1m	0.01	0.02	WKL	
ME-CC	2020/21-3	Wet	3/10/2021 12:49:00 PM	3/22/2021 10:26:00 PM	Cyanazine	n/a	<	0.16	µg/L	EPA 525.2	0.16	0.4	WKL	
ME-CC	2020/21-3	Wet	3/10/2021 12:49:00 PM	3/27/2021 5:54:00 PM	Dalapon	n/a	<	0.11	µg/L	EPA 515.4	0.11	0.4	WKL	
ME-CC	2020/21-3	Wet	3/10/2021 12:49:00 PM	3/27/2021 5:54:00 PM	DCPA (Dacthal)	n/a	=	0.6	µg/L	EPA 515.4	0.053	0.1	WKL	
ME-CC	2020/21-3	Wet	3/10/2021 12:49:00 PM	4/2/2021 10:02:00 PM	delta-BHC	n/a	<	0.019	µg/L	EPA 608.3	0.019	0.05	WKL	
ME-CC	2020/21-3	Wet	3/10/2021 12:49:00 PM	3/20/2021 1:53:00 AM	Demeton-O	n/a	<	0.02	µg/L	EPA 625.1m	0.02	0.02	WKL	
ME-CC	2020/21-3	Wet	3/10/2021 12:49:00 PM	3/20/2021 1:53:00 AM	Demeton-S	n/a	<	0.02	µg/L	EPA 625.1m	0.02	0.02	WKL	
ME-CC	2020/21-3	Wet	3/10/2021 12:49:00 PM	3/22/2021 10:26:00 PM	Diazinon	n/a	<	0.2	µg/L	EPA 525.2	0.2	0.4	WKL	
ME-CC	2020/21-3	Wet	3/10/2021 12:49:00 PM	3/20/2021 1:53:00 AM	Diazinon	n/a	<	0.01	µg/L	EPA 625.1m	0.01	0.02	WKL	
ME-CC	2020/21-3	Wet	3/10/2021 12:49:00 PM	3/27/2021 5:54:00 PM	Dicamba	n/a	<	0.075	µg/L	EPA 515.4	0.075	0.6	WKL	
ME-CC	2020/21-3	Wet	3/10/2021 12:49:00 PM	3/27/2021 5:54:00 PM	Dichlorprop	n/a	<	0.12	µg/L	EPA 515.4	0.12	0.3	WKL	
ME-CC	2020/21-3	Wet	3/10/2021 12:49:00 PM	3/20/2021 1:53:00 AM	Dichlorvos	n/a	<	0.0058	µg/L	EPA 625.1m	0.0058	0.02	WKL	
ME-CC	2020/21-3	Wet	3/10/2021 12:49:00 PM	4/2/2021 10:02:00 PM	Dieldrin	n/a	<	0.008	µg/L	EPA 608.3	0.008	0.1	WKL	
ME-CC	2020/21-3	Wet	3/10/2021 12:49:00 PM	3/22/2021 10:26:00 PM	Dimethoate	n/a	<	0.08	µg/L	EPA 525.2	0.08	0.8	WKL	
ME-CC	2020/21-3	Wet	3/10/2021 12:49:00 PM	3/20/2021 1:53:00 AM	Dimethoate	n/a	<	0.012	µg/L	EPA 625.1m	0.012	0.02	WKL	
ME-CC	2020/21-3	Wet	3/10/2021 12:49:00 PM	3/27/2021 5:54:00 PM	Dinoseb	n/a	<	0.055	µg/L	EPA 515.4	0.055	0.4	WKL	
ME-CC	2020/21-3	Wet	3/10/2021 12:49:00 PM	3/22/2021 10:26:00 PM	Diphenamid	n/a	<	0.12	µg/L	EPA 525.2	0.12	0.4	WKL	
ME-CC	2020/21-3	Wet	3/10/2021 12:49:00 PM	3/20/2021 1:53:00 AM	Disulfoton	n/a	<	0.02	µg/L	EPA 625.1m	0.02	0.02	WKL	
ME-CC	2020/21-3	Wet	3/10/2021 12:49:00 PM	3/22/2021 10:26:00 PM	Disulfoton	n/a	<	0.16	µg/L	EPA 525.2	0.16	0.4	WKL	
ME-CC	2020/21-3	Wet	3/10/2021 12:49:00 PM	4/2/2021 10:02:00 PM	Endosulfan I	n/a	<	0.009	µg/L	EPA 608.3	0.009	0.2	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
ME-CC	2020/21-3	Wet	3/10/2021 12:49:00 PM	4/2/2021 10:02:00 PM	Endosulfan II	n/a	<	0.007	µg/L	EPA 608.3	0.007	0.1	WKL	
ME-CC	2020/21-3	Wet	3/10/2021 12:49:00 PM	4/2/2021 10:02:00 PM	Endosulfan sulfate	n/a	<	0.013	µg/L	EPA 608.3	0.013	0.5	WKL	
ME-CC	2020/21-3	Wet	3/10/2021 12:49:00 PM	4/2/2021 10:02:00 PM	Endrin	n/a	<	0.017	µg/L	EPA 608.3	0.017	0.1	WKL	
ME-CC	2020/21-3	Wet	3/10/2021 12:49:00 PM	4/2/2021 10:02:00 PM	Endrin aldehyde	n/a	<	0.019	µg/L	EPA 608.3	0.019	0.1	WKL	
ME-CC	2020/21-3	Wet	3/10/2021 12:49:00 PM	3/22/2021 10:26:00 PM	EPTC	n/a	<	0.08	µg/L	EPA 525.2	0.08	0.4	WKL	
ME-CC	2020/21-3	Wet	3/10/2021 12:49:00 PM	3/20/2021 1:53:00 AM	Ethoprop	n/a	<	0.013	µg/L	EPA 625.1m	0.013	0.02	WKL	
ME-CC	2020/21-3	Wet	3/10/2021 12:49:00 PM	3/20/2021 1:53:00 AM	Ethyl parathion	n/a	<	0.011	µg/L	EPA 625.1m	0.011	0.02	WKL	
ME-CC	2020/21-3	Wet	3/10/2021 12:49:00 PM	3/20/2021 1:53:00 AM	Fensulfthion	n/a	<	0.0058	µg/L	EPA 625.1m	0.0058	0.02	WKL	
ME-CC	2020/21-3	Wet	3/10/2021 12:49:00 PM	3/20/2021 1:53:00 AM	Fenthion	n/a	<	0.0076	µg/L	EPA 625.1m	0.0076	0.02	WKL	
ME-CC	2020/21-3	Wet	3/10/2021 12:49:00 PM	4/2/2021 10:02:00 PM	gamma-BHC (Lindane)	n/a	<	0.004	µg/L	EPA 608.3	0.004	0.2	WKL	
ME-CC	2020/21-3	Wet	3/10/2021 12:49:00 PM	4/2/2021 10:02:00 PM	gamma-Chlordane	n/a	<	0.023	µg/L	EPA 608.3	0.023	0.1	WKL	
ME-CC	2020/21-3	Wet	3/10/2021 12:49:00 PM	3/18/2021 2:17:00 AM	Glyphosate	n/a	=	6.1	µg/L	EPA 547	1.8	5	WKL	
ME-CC	2020/21-3	Wet	3/10/2021 12:49:00 PM	4/2/2021 10:02:00 PM	Heptachlor	n/a	<	0.006	µg/L	EPA 608.3	0.006	0.1	WKL	
ME-CC	2020/21-3	Wet	3/10/2021 12:49:00 PM	4/2/2021 10:02:00 PM	Heptachlor epoxide	n/a	<	0.004	µg/L	EPA 608.3	0.004	0.1	WKL	
ME-CC	2020/21-3	Wet	3/10/2021 12:49:00 PM	3/20/2021 1:53:00 AM	Malathion	n/a	=	0.032	µg/L	EPA 625.1m	0.015	0.02	WKL	HB-MSR
ME-CC	2020/21-3	Wet	3/10/2021 12:49:00 PM	3/20/2021 1:53:00 AM	Merphos	n/a	<	0.012	µg/L	EPA 625.1m	0.012	0.02	WKL	
ME-CC	2020/21-3	Wet	3/10/2021 12:49:00 PM	3/20/2021 1:53:00 AM	Methyl parathion	n/a	<	0.013	µg/L	EPA 625.1m	0.013	0.02	WKL	
ME-CC	2020/21-3	Wet	3/10/2021 12:49:00 PM	3/22/2021 10:26:00 PM	Metolachlor	n/a	DNQ	0.24	µg/L	EPA 525.2	0.12	0.4	WKL	
ME-CC	2020/21-3	Wet	3/10/2021 12:49:00 PM	3/22/2021 10:26:00 PM	Metribuzin	n/a	<	0.12	µg/L	EPA 525.2	0.12	0.4	WKL	
ME-CC	2020/21-3	Wet	3/10/2021 12:49:00 PM	3/20/2021 1:53:00 AM	Mevinphos	n/a	<	0.0084	µg/L	EPA 625.1m	0.0084	0.02	WKL	
ME-CC	2020/21-3	Wet	3/10/2021 12:49:00 PM	3/22/2021 10:26:00 PM	Molinate	n/a	<	0.12	µg/L	EPA 525.2	0.12	0.4	WKL	
ME-CC	2020/21-3	Wet	3/10/2021 12:49:00 PM	3/20/2021 1:53:00 AM	Naled	n/a	<	0.015	µg/L	EPA 625.1m	0.015	0.02	WKL	
ME-CC	2020/21-3	Wet	3/10/2021 12:49:00 PM	3/27/2021 5:54:00 PM	Pentachlorophenol	n/a	<	0.046	µg/L	EPA 515.4	0.046	0.2	WKL	
ME-CC	2020/21-3	Wet	3/10/2021 12:49:00 PM	4/1/2021 11:21:00 PM	Pentachlorophenol	n/a	<	4	µg/L	EPA 625.1	4	10	WKL	
ME-CC	2020/21-3	Wet	3/10/2021 12:49:00 PM	3/26/2021 12:23:00 AM	Pentachlorophenol	n/a	<	1.5	µg/L	EPA 8270C	1.5	10	WKL	
ME-CC	2020/21-3	Wet	3/10/2021 12:49:00 PM	3/20/2021 1:53:00 AM	Phorate	n/a	<	0.006	µg/L	EPA 625.1m	0.006	0.02	WKL	
ME-CC	2020/21-3	Wet	3/10/2021 12:49:00 PM	3/27/2021 5:54:00 PM	Picloram	n/a	<	0.038	µg/L	EPA 515.4	0.038	0.6	WKL	
ME-CC	2020/21-3	Wet	3/10/2021 12:49:00 PM	3/22/2021 10:26:00 PM	Prometon	n/a	<	0.04	µg/L	EPA 525.2	0.04	0.4	WKL	
ME-CC	2020/21-3	Wet	3/10/2021 12:49:00 PM	3/22/2021 10:26:00 PM	Prometryn	n/a	DNQ	0.19	µg/L	EPA 525.2	0.12	0.4	WKL	
ME-CC	2020/21-3	Wet	3/10/2021 12:49:00 PM	3/20/2021 1:53:00 AM	Ronnel (Fenchlorphos)	n/a	<	0.0082	µg/L	EPA 625.1m	0.0082	0.02	WKL	
ME-CC	2020/21-3	Wet	3/10/2021 12:49:00 PM	3/22/2021 10:26:00 PM	Simazine	n/a	DNQ	0.18	µg/L	EPA 525.2	0.08	0.4	WKL	
ME-CC	2020/21-3	Wet	3/10/2021 12:49:00 PM	3/20/2021 1:53:00 AM	Stirophos (Tetrachlorvinphos)	n/a	<	0.0062	µg/L	EPA 625.1m	0.0062	0.02	WKL	
ME-CC	2020/21-3	Wet	3/10/2021 12:49:00 PM	3/22/2021 10:26:00 PM	Terbacil	n/a	<	0.36	µg/L	EPA 525.2	0.36	8	WKL	
ME-CC	2020/21-3	Wet	3/10/2021 12:49:00 PM	3/22/2021 10:26:00 PM	Thiobencarb	n/a	<	0.12	µg/L	EPA 525.2	0.12	0.4	WKL	
ME-CC	2020/21-3	Wet	3/10/2021 12:49:00 PM	3/20/2021 1:53:00 AM	Tokuthion	n/a	<	0.016	µg/L	EPA 625.1m	0.016	0.02	WKL	
ME-CC	2020/21-3	Wet	3/10/2021 12:49:00 PM	4/2/2021 10:02:00 PM	Toxaphene	n/a	<	10	µg/L	EPA 608.3	10	10	WKL	
ME-CC	2020/21-3	Wet	3/10/2021 12:49:00 PM	3/20/2021 1:53:00 AM	Trichloronate	n/a	<	0.013	µg/L	EPA 625.1m	0.013	0.02	WKL	
ME-CC	2020/21-3	Wet	3/10/2021 12:49:00 PM	3/22/2021 10:26:00 PM	Trithion	n/a	<	0.08	µg/L	EPA 525.2	0.08	0.4	WKL	
ME-CC	2020/21-4	Dry	4/29/2021 10:00:00 AM	4/30/2021 2:45:00 PM	Chloride	n/a	=	190	mg/L	EPA 300.0	0.17	1	WKL	
ME-CC	2020/21-4	Dry	4/29/2021 10:00:00 AM	4/30/2021 2:45:00 PM	Fluoride	n/a	=	0.52	mg/L	EPA 300.0	0.018	0.2	WKL	
ME-CC	2020/21-4	Dry	4/29/2021 10:00:00 AM	4/30/2021 9:18:00 PM	Perchlorate	n/a	<	1.7	µg/L	EPA 314.0	1.7	4	WKL	
ME-CC	2020/21-4	Dry	4/29/2021 10:00:00 AM	4/30/2021 9:27:00 AM	E. Coli	n/a	=	270	MPN/100 mL	SM 9223 B	-88	10	WKL	
ME-CC	2020/21-4	Dry	4/29/2021 10:00:00 AM	4/30/2021 9:27:00 AM	Total Coliform	n/a	=	6100	MPN/100 mL	SM 9223 B	-88	10	WKL	
ME-CC	2020/21-4	Dry	4/29/2021 10:00:00 AM	5/4/2021 5:56:00 PM	Calcium	Total	=	64.9	mg/L	EPA 200.7	0.16	0.5	WKL	
ME-CC	2020/21-4	Dry	4/29/2021 10:00:00 AM	5/4/2021 5:56:00 PM	Magnesium	Total	=	40.7	mg/L	EPA 200.7	0.039	0.5	WKL	
ME-CC	2020/21-4	Dry	4/29/2021 10:00:00 AM	5/4/2021 12:41:00 PM	Alkalinity as CaCO3	n/a	=	210	mg/L	SM 2320 B	0.56	5	WKL	
ME-CC	2020/21-4	Dry	4/29/2021 10:00:00 AM	5/5/2021 2:42:00 PM	BOD	n/a	<	2	mg/L	SM 5210 B	2	2	WKL	
ME-CC	2020/21-4	Dry	4/29/2021 10:00:00 AM	5/10/2021 11:08:00 AM	COD	n/a	=	8.7	mg/L	EPA 410.4	2.9	5	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
ME-CC	2020/21-4	Dry	4/29/2021 10:00:00 AM	4/29/2021 10:00:00 AM	Conductivity	n/a	=	1163	µmhos/cm	Field Meter	-88	1	Field Crew	
ME-CC	2020/21-4	Dry	4/29/2021 10:00:00 AM	5/4/2021 2:46:00 PM	Cyanide	Total	DNQ	0.0004	mg/L	ASTM D7511	0.0003	0.002	WKL	
ME-CC	2020/21-4	Dry	4/29/2021 10:00:00 AM	4/29/2021 10:00:00 AM	DO	n/a	=	11.12	mg/L	Field Meter	-88	0.3	Field Crew	
ME-CC	2020/21-4	Dry	4/29/2021 10:00:00 AM	4/29/2021 10:00:00 AM	DO	n/a	=	117.4	%	Field Meter	-88	0.1	Field Crew	
ME-CC	2020/21-4	Dry	4/29/2021 10:00:00 AM	5/4/2021 5:56:00 PM	Hardness as CaCO3	Total	=	329	mg/L	EPA 200.7	0.56	3.31	WKL	
ME-CC	2020/21-4	Dry	4/29/2021 10:00:00 AM	4/30/2021 6:25:00 PM	MBAS	n/a	DNQ	0.036	mg/L	SM 5540 C	0.017	0.05	WKL	
ME-CC	2020/21-4	Dry	4/29/2021 10:00:00 AM	4/29/2021 10:00:00 AM	pH	n/a	=	8.16	pH Units	Field Meter	-88	0.01	Field Crew	
ME-CC	2020/21-4	Dry	4/29/2021 10:00:00 AM	5/4/2021 2:01:00 PM	Phenolics	n/a	=	0.044	mg/L	EPA 420.4	0.0032	0.01	WKL	
ME-CC	2020/21-4	Dry	4/29/2021 10:00:00 AM	4/29/2021 10:00:00 AM	Salinity	n/a	=	700	mg/L	Field Meter	-88	100	Field Crew	
ME-CC	2020/21-4	Dry	4/29/2021 10:00:00 AM	5/7/2021 1:02:00 PM	Specific Conductance	n/a	=	1400	µmhos/cm	SM 2510 B	0.23	2	WKL	
ME-CC	2020/21-4	Dry	4/29/2021 10:00:00 AM	4/29/2021 10:00:00 AM	Specific Conductance	n/a	=	1347	µmhos/cm	Field Meter	-88	1	Field Crew	
ME-CC	2020/21-4	Dry	4/29/2021 10:00:00 AM	4/29/2021 10:00:00 AM	Temperature	n/a	=	17.9	°C	Field Meter	-88	0.1	Field Crew	
ME-CC	2020/21-4	Dry	4/29/2021 10:00:00 AM	5/21/2021 5:02:00 PM	Total Chlorine Residual	n/a	DNQ	0.011	mg/L	SM 4500-Cl Gm	0.0076	0.05	WKL	EST-HT
ME-CC	2020/21-4	Dry	4/29/2021 10:00:00 AM	4/30/2021 11:58:00 AM	Total Chlorine Residual	n/a	DNQ	0.031	mg/L	SM 4500-Cl G	0.0076	0.05	WKL	EST-HT, UL-MB
ME-CC	2020/21-4	Dry	4/29/2021 10:00:00 AM	5/3/2021 12:40:00 PM	Total Dissolved Solids	n/a	=	830	mg/L	SM 2540 C	4	10	WKL	
ME-CC	2020/21-4	Dry	4/29/2021 10:00:00 AM	5/6/2021 12:00:00 PM	Total Organic Carbon	n/a	=	5	mg/L	SM 5310 B	0.096	0.3	WKL	
ME-CC	2020/21-4	Dry	4/29/2021 10:00:00 AM	5/3/2021 1:20:00 PM	Total Suspended Solids	n/a	=	7	mg/L	SM 2540 D	-88	5	WKL	
ME-CC	2020/21-4	Dry	4/29/2021 10:00:00 AM	4/29/2021 5:39:00 PM	Turbidity	n/a	=	2.1	NTU	EPA 180.1	0.017	0.1	WKL	
ME-CC	2020/21-4	Dry	4/29/2021 10:00:00 AM	5/3/2021 1:20:00 PM	Volatile Suspended Solids	n/a	DNQ	4	mg/L	EPA 160.4	3.1	5	WKL	
ME-CC	2020/21-4	Dry	4/29/2021 10:00:00 AM	5/5/2021 10:29:00 PM	Diesel Range Organics	n/a	DNQ	0.077	mg/L	EPA 8015B	0.032	0.1	WKL	UL-MB
ME-CC	2020/21-4	Dry	4/29/2021 10:00:00 AM	5/4/2021 12:08:00 AM	Gasoline Range Organics	n/a	<	0.065	mg/L	LUFT GC/MS	0.065	0.1	WKL	
ME-CC	2020/21-4	Dry	4/29/2021 10:00:00 AM	4/30/2021 10:29:00 PM	Oil and Grease	n/a	<	0.7	mg/L	EPA 1664B	0.7	5	WKL	
ME-CC	2020/21-4	Dry	4/29/2021 10:00:00 AM	5/5/2021 10:29:00 PM	Oil Range Organics	n/a	<	0.33	mg/L	EPA 8015B	0.33	0.5	WKL	
ME-CC	2020/21-4	Dry	4/29/2021 10:00:00 AM	5/4/2021 4:14:00 PM	Aluminum	Dissolved	DNQ	4.5	µg/L	EPA 200.8	4.4	20	WKL	
ME-CC	2020/21-4	Dry	4/29/2021 10:00:00 AM	5/4/2021 4:17:00 PM	Aluminum	Total	=	71	µg/L	EPA 200.8	4.4	20	WKL	
ME-CC	2020/21-4	Dry	4/29/2021 10:00:00 AM	5/4/2021 4:14:00 PM	Antimony	Dissolved	DNQ	0.38	µg/L	EPA 200.8	0.089	0.5	WKL	
ME-CC	2020/21-4	Dry	4/29/2021 10:00:00 AM	5/4/2021 4:17:00 PM	Antimony	Total	DNQ	0.4	µg/L	EPA 200.8	0.089	0.5	WKL	
ME-CC	2020/21-4	Dry	4/29/2021 10:00:00 AM	5/4/2021 4:14:00 PM	Arsenic	Dissolved	=	4.1	µg/L	EPA 200.8	0.074	0.4	WKL	
ME-CC	2020/21-4	Dry	4/29/2021 10:00:00 AM	5/4/2021 4:17:00 PM	Arsenic	Total	=	4.2	µg/L	EPA 200.8	0.074	0.4	WKL	
ME-CC	2020/21-4	Dry	4/29/2021 10:00:00 AM	5/4/2021 4:14:00 PM	Barium	Total	=	28	µg/L	EPA 200.8	0.14	1	WKL	
ME-CC	2020/21-4	Dry	4/29/2021 10:00:00 AM	5/4/2021 4:14:00 PM	Beryllium	Dissolved	<	0.062	µg/L	EPA 200.8	0.062	0.1	WKL	
ME-CC	2020/21-4	Dry	4/29/2021 10:00:00 AM	5/4/2021 4:17:00 PM	Beryllium	Total	<	0.062	µg/L	EPA 200.8	0.062	0.1	WKL	
ME-CC	2020/21-4	Dry	4/29/2021 10:00:00 AM	5/4/2021 4:14:00 PM	Cadmium	Dissolved	DNQ	0.11	µg/L	EPA 200.8	0.042	0.2	WKL	
ME-CC	2020/21-4	Dry	4/29/2021 10:00:00 AM	5/4/2021 4:17:00 PM	Cadmium	Total	DNQ	0.11	µg/L	EPA 200.8	0.042	0.2	WKL	
ME-CC	2020/21-4	Dry	4/29/2021 10:00:00 AM	5/4/2021 4:14:00 PM	Chromium	Dissolved	DNQ	0.18	µg/L	EPA 200.8	0.089	0.2	WKL	
ME-CC	2020/21-4	Dry	4/29/2021 10:00:00 AM	5/4/2021 4:17:00 PM	Chromium	Total	=	0.43	µg/L	EPA 200.8	0.089	0.2	WKL	
ME-CC	2020/21-4	Dry	4/29/2021 10:00:00 AM	5/3/2021 6:47:00 PM	Chromium VI	n/a	=	0.084	µg/L	EPA 218.6	0.0079	0.02	WKL	
ME-CC	2020/21-4	Dry	4/29/2021 10:00:00 AM	5/4/2021 4:14:00 PM	Copper	Dissolved	=	2.8	µg/L	EPA 200.8	0.23	0.5	WKL	
ME-CC	2020/21-4	Dry	4/29/2021 10:00:00 AM	5/4/2021 4:17:00 PM	Copper	Total	=	2.7	µg/L	EPA 200.8	0.23	0.5	WKL	
ME-CC	2020/21-4	Dry	4/29/2021 10:00:00 AM	5/4/2021 4:14:00 PM	Iron	Dissolved	DNQ	7.8	µg/L	EPA 200.8	3.9	20	WKL	
ME-CC	2020/21-4	Dry	4/29/2021 10:00:00 AM	5/4/2021 4:17:00 PM	Iron	Total	=	100	µg/L	EPA 200.8	3.9	20	WKL	
ME-CC	2020/21-4	Dry	4/29/2021 10:00:00 AM	5/4/2021 4:14:00 PM	Lead	Dissolved	<	0.083	µg/L	EPA 200.8	0.083	0.2	WKL	
ME-CC	2020/21-4	Dry	4/29/2021 10:00:00 AM	5/4/2021 4:17:00 PM	Lead	Total	DNQ	0.092	µg/L	EPA 200.8	0.083	0.2	WKL	
ME-CC	2020/21-4	Dry	4/29/2021 10:00:00 AM	5/5/2021 5:10:00 PM	Mercury	Dissolved	<	17	ng/L	EPA 245.1	17	50	WKL	
ME-CC	2020/21-4	Dry	4/29/2021 10:00:00 AM	5/5/2021 5:12:00 PM	Mercury	Total	<	17	ng/L	EPA 245.1	17	50	WKL	
ME-CC	2020/21-4	Dry	4/29/2021 10:00:00 AM	5/4/2021 4:14:00 PM	Nickel	Dissolved	=	5.9	µg/L	EPA 200.8	0.16	2	WKL	
ME-CC	2020/21-4	Dry	4/29/2021 10:00:00 AM	5/4/2021 4:17:00 PM	Nickel	Total	=	6	µg/L	EPA 200.8	0.16	2	WKL	
ME-CC	2020/21-4	Dry	4/29/2021 10:00:00 AM	5/4/2021 4:14:00 PM	Selenium	Dissolved	=	0.46	µg/L	EPA 200.8	0.067	0.4	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
ME-CC	2020/21-4	Dry	4/29/2021 10:00:00 AM	5/4/2021 4:17:00 PM	Selenium	Total	=	0.49	µg/L	EPA 200.8	0.067	0.4	WKL	
ME-CC	2020/21-4	Dry	4/29/2021 10:00:00 AM	5/4/2021 4:14:00 PM	Silver	Dissolved	<	0.03	µg/L	EPA 200.8	0.03	0.2	WKL	
ME-CC	2020/21-4	Dry	4/29/2021 10:00:00 AM	5/4/2021 4:17:00 PM	Silver	Total	<	0.03	µg/L	EPA 200.8	0.03	0.2	WKL	
ME-CC	2020/21-4	Dry	4/29/2021 10:00:00 AM	5/4/2021 4:14:00 PM	Thallium	Dissolved	<	0.021	µg/L	EPA 200.8	0.021	0.2	WKL	
ME-CC	2020/21-4	Dry	4/29/2021 10:00:00 AM	5/4/2021 4:17:00 PM	Thallium	Total	<	0.021	µg/L	EPA 200.8	0.021	0.2	WKL	
ME-CC	2020/21-4	Dry	4/29/2021 10:00:00 AM	5/4/2021 4:14:00 PM	Zinc	Dissolved	=	13	µg/L	EPA 200.8	0.8	10	WKL	
ME-CC	2020/21-4	Dry	4/29/2021 10:00:00 AM	5/4/2021 4:17:00 PM	Zinc	Total	=	13	µg/L	EPA 200.8	0.8	10	WKL	
ME-CC	2020/21-4	Dry	4/29/2021 10:00:00 AM	5/6/2021 1:59:00 PM	Ammonia as N	n/a	<	0.047	mg/L	EPA 350.1	0.047	0.1	WKL	
ME-CC	2020/21-4	Dry	4/29/2021 10:00:00 AM	4/29/2021 6:21:00 PM	Nitrate + Nitrite as N	n/a	=	5.7	mg/L	EPA 353.2	0.036	0.2	WKL	
ME-CC	2020/21-4	Dry	4/29/2021 10:00:00 AM	4/29/2021 6:21:00 PM	Nitrate as N	n/a	=	5.7	mg/L	EPA 353.2	0.04	0.2	WKL	
ME-CC	2020/21-4	Dry	4/29/2021 10:00:00 AM	5/4/2021 5:53:00 PM	Phosphorus as P	Dissolved	=	2.4	mg/L	EPA 200.7	0.018	0.05	WKL	
ME-CC	2020/21-4	Dry	4/29/2021 10:00:00 AM	5/4/2021 5:56:00 PM	Phosphorus as P	Total	=	2.5	mg/L	EPA 200.7	0.018	0.05	WKL	
ME-CC	2020/21-4	Dry	4/29/2021 10:00:00 AM	5/7/2021 1:32:00 PM	TKN	n/a	=	0.63	mg/L	EPA 351.2	0.065	0.1	WKL	
ME-CC	2020/21-4	Dry	4/29/2021 10:00:00 AM	5/27/2021 7:08:00 AM	1,2,4-Trichlorobenzene	n/a	<	0.49	µg/L	EPA 625.1	0.49	1	WKL	
ME-CC	2020/21-4	Dry	4/29/2021 10:00:00 AM	5/27/2021 7:08:00 AM	1,2-Dichlorobenzene	n/a	<	0.46	µg/L	EPA 625.1	0.46	1	WKL	
ME-CC	2020/21-4	Dry	4/29/2021 10:00:00 AM	5/27/2021 7:08:00 AM	1,2-Diphenylhydrazine	n/a	<	0.3	µg/L	EPA 625.1	0.3	1	WKL	
ME-CC	2020/21-4	Dry	4/29/2021 10:00:00 AM	5/27/2021 7:08:00 AM	1,3-Dichlorobenzene	n/a	<	0.42	µg/L	EPA 625.1	0.42	1	WKL	
ME-CC	2020/21-4	Dry	4/29/2021 10:00:00 AM	5/27/2021 7:08:00 AM	1,4-Dichlorobenzene	n/a	<	0.48	µg/L	EPA 625.1	0.48	1	WKL	
ME-CC	2020/21-4	Dry	4/29/2021 10:00:00 AM	5/5/2021 6:49:00 AM	1-Methylnaphthalene	n/a	<	0.024	µg/L	EPA 8270C	0.024	0.1	WKL	
ME-CC	2020/21-4	Dry	4/29/2021 10:00:00 AM	5/24/2021 11:45:00 PM	2,4,5-Trichlorophenol	n/a	<	0.29	µg/L	EPA 8270C	0.29	1	WKL	
ME-CC	2020/21-4	Dry	4/29/2021 10:00:00 AM	5/27/2021 7:08:00 AM	2,4,6-Trichlorophenol	n/a	<	0.22	µg/L	EPA 625.1	0.22	1	WKL	
ME-CC	2020/21-4	Dry	4/29/2021 10:00:00 AM	5/24/2021 11:45:00 PM	2,4,6-Trichlorophenol	n/a	<	0.3	µg/L	EPA 8270C	0.3	1	WKL	
ME-CC	2020/21-4	Dry	4/29/2021 10:00:00 AM	5/24/2021 11:45:00 PM	2,4-Dichlorophenol	n/a	<	0.51	µg/L	EPA 8270C	0.51	1	WKL	
ME-CC	2020/21-4	Dry	4/29/2021 10:00:00 AM	5/27/2021 7:08:00 AM	2,4-Dichlorophenol	n/a	<	0.26	µg/L	EPA 625.1	0.26	1	WKL	
ME-CC	2020/21-4	Dry	4/29/2021 10:00:00 AM	5/27/2021 7:08:00 AM	2,4-Dimethylphenol	n/a	<	0.3	µg/L	EPA 625.1	0.3	1	WKL	LB-LCSR
ME-CC	2020/21-4	Dry	4/29/2021 10:00:00 AM	5/24/2021 11:45:00 PM	2,4-Dimethylphenol	n/a	<	1	µg/L	EPA 8270C	1	2	WKL	
ME-CC	2020/21-4	Dry	4/29/2021 10:00:00 AM	5/27/2021 7:08:00 AM	2,4-Dinitrophenol	n/a	<	1.9	µg/L	EPA 625.1	1.9	10	WKL	
ME-CC	2020/21-4	Dry	4/29/2021 10:00:00 AM	5/24/2021 11:45:00 PM	2,4-Dinitrophenol	n/a	<	1	µg/L	EPA 8270C	1	2	WKL	
ME-CC	2020/21-4	Dry	4/29/2021 10:00:00 AM	5/27/2021 7:08:00 AM	2,4-Dinitrotoluene	n/a	<	0.18	µg/L	EPA 625.1	0.18	1	WKL	
ME-CC	2020/21-4	Dry	4/29/2021 10:00:00 AM	5/27/2021 7:08:00 AM	2,6-Dinitrotoluene	n/a	<	0.27	µg/L	EPA 625.1	0.27	1	WKL	
ME-CC	2020/21-4	Dry	4/29/2021 10:00:00 AM	5/27/2021 7:08:00 AM	2-Chloronaphthalene	n/a	<	0.45	µg/L	EPA 625.1	0.45	1	WKL	
ME-CC	2020/21-4	Dry	4/29/2021 10:00:00 AM	5/27/2021 7:08:00 AM	2-Chlorophenol	n/a	<	0.28	µg/L	EPA 625.1	0.28	1	WKL	
ME-CC	2020/21-4	Dry	4/29/2021 10:00:00 AM	5/24/2021 11:45:00 PM	2-Chlorophenol	n/a	<	0.65	µg/L	EPA 8270C	0.65	1	WKL	
ME-CC	2020/21-4	Dry	4/29/2021 10:00:00 AM	5/5/2021 6:49:00 AM	2-Methylnaphthalene	n/a	<	0.026	µg/L	EPA 8270C	0.026	0.1	WKL	
ME-CC	2020/21-4	Dry	4/29/2021 10:00:00 AM	5/24/2021 11:45:00 PM	2-Methylphenol	n/a	<	0.34	µg/L	EPA 8270C	0.34	1	WKL	
ME-CC	2020/21-4	Dry	4/29/2021 10:00:00 AM	5/27/2021 7:08:00 AM	2-Nitrophenol	n/a	<	0.26	µg/L	EPA 625.1	0.26	1	WKL	
ME-CC	2020/21-4	Dry	4/29/2021 10:00:00 AM	5/24/2021 11:45:00 PM	2-Nitrophenol	n/a	<	0.71	µg/L	EPA 8270C	0.71	1	WKL	
ME-CC	2020/21-4	Dry	4/29/2021 10:00:00 AM	5/27/2021 7:08:00 AM	3,3'-Dichlorobenzidine	n/a	<	0.99	µg/L	EPA 625.1	0.99	5	WKL	
ME-CC	2020/21-4	Dry	4/29/2021 10:00:00 AM	5/24/2021 11:45:00 PM	3-/4-Methylphenol	n/a	<	0.3	µg/L	EPA 8270C	0.3	1	WKL	
ME-CC	2020/21-4	Dry	4/29/2021 10:00:00 AM	5/27/2021 7:08:00 AM	4,6-Dinitro-2-methylphenol	n/a	<	1.4	µg/L	EPA 625.1	1.4	5	WKL	
ME-CC	2020/21-4	Dry	4/29/2021 10:00:00 AM	5/24/2021 11:45:00 PM	4,6-Dinitro-2-methylphenol	n/a	<	0.14	µg/L	EPA 8270C	0.14	1	WKL	
ME-CC	2020/21-4	Dry	4/29/2021 10:00:00 AM	5/27/2021 7:08:00 AM	4-Bromophenyl phenyl ether	n/a	<	0.36	µg/L	EPA 625.1	0.36	1	WKL	
ME-CC	2020/21-4	Dry	4/29/2021 10:00:00 AM	5/27/2021 7:08:00 AM	4-Chloro-3-methylphenol	n/a	<	0.23	µg/L	EPA 625.1	0.23	1	WKL	
ME-CC	2020/21-4	Dry	4/29/2021 10:00:00 AM	5/24/2021 11:45:00 PM	4-Chloro-3-methylphenol	n/a	<	0.37	µg/L	EPA 8270C	0.37	1	WKL	
ME-CC	2020/21-4	Dry	4/29/2021 10:00:00 AM	5/27/2021 7:08:00 AM	4-Chlorophenyl phenyl ether	n/a	<	0.41	µg/L	EPA 625.1	0.41	1	WKL	
ME-CC	2020/21-4	Dry	4/29/2021 10:00:00 AM	5/27/2021 7:08:00 AM	4-Nitrophenol	n/a	<	1.2	µg/L	EPA 625.1	1.2	5	WKL	
ME-CC	2020/21-4	Dry	4/29/2021 10:00:00 AM	5/24/2021 11:45:00 PM	4-Nitrophenol	n/a	<	1	µg/L	EPA 8270C	1	2	WKL	
ME-CC	2020/21-4	Dry	4/29/2021 10:00:00 AM	5/27/2021 7:08:00 AM	Acenaphthene	n/a	<	0.38	µg/L	EPA 625.1	0.38	1	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
ME-CC	2020/21-4	Dry	4/29/2021 10:00:00 AM	5/5/2021 6:49:00 AM	Acenaphthene	n/a	<	0.028	µg/L	EPA 8270C	0.028	0.1	WKL	
ME-CC	2020/21-4	Dry	4/29/2021 10:00:00 AM	5/27/2021 7:08:00 AM	Acenaphthylene	n/a	<	0.17	µg/L	EPA 625.1	0.17	1	WKL	
ME-CC	2020/21-4	Dry	4/29/2021 10:00:00 AM	5/5/2021 6:49:00 AM	Acenaphthylene	n/a	<	0.033	µg/L	EPA 8270C	0.033	0.1	WKL	
ME-CC	2020/21-4	Dry	4/29/2021 10:00:00 AM	5/27/2021 7:08:00 AM	Anthracene	n/a	<	0.12	µg/L	EPA 625.1	0.12	1	WKL	
ME-CC	2020/21-4	Dry	4/29/2021 10:00:00 AM	5/5/2021 6:49:00 AM	Anthracene	n/a	<	0.025	µg/L	EPA 8270C	0.025	0.1	WKL	
ME-CC	2020/21-4	Dry	4/29/2021 10:00:00 AM	5/27/2021 7:08:00 AM	Benz(a)anthracene	n/a	<	0.19	µg/L	EPA 625.1	0.19	1	WKL	
ME-CC	2020/21-4	Dry	4/29/2021 10:00:00 AM	5/5/2021 6:49:00 AM	Benz(a)anthracene	n/a	<	0.051	µg/L	EPA 8270C	0.051	0.1	WKL	
ME-CC	2020/21-4	Dry	4/29/2021 10:00:00 AM	5/27/2021 7:08:00 AM	Benzdine	n/a	<	1.4	µg/L	EPA 625.1	1.4	10	WKL	
ME-CC	2020/21-4	Dry	4/29/2021 10:00:00 AM	5/12/2021 5:41:00 AM	Benzo(a)pyrene	n/a	<	0.02	µg/L	EPA 525.2	0.02	0.1	WKL	
ME-CC	2020/21-4	Dry	4/29/2021 10:00:00 AM	5/5/2021 6:49:00 AM	Benzo(a)pyrene	n/a	<	0.051	µg/L	EPA 8270C	0.051	0.1	WKL	
ME-CC	2020/21-4	Dry	4/29/2021 10:00:00 AM	5/27/2021 7:08:00 AM	Benzo(a)pyrene	n/a	<	0.39	µg/L	EPA 625.1	0.39	1	WKL	
ME-CC	2020/21-4	Dry	4/29/2021 10:00:00 AM	5/27/2021 7:08:00 AM	Benzo(b)fluoranthene	n/a	<	0.46	µg/L	EPA 625.1	0.46	1	WKL	
ME-CC	2020/21-4	Dry	4/29/2021 10:00:00 AM	5/5/2021 6:49:00 AM	Benzo(b)fluoranthene	n/a	<	0.027	µg/L	EPA 8270C	0.027	0.1	WKL	
ME-CC	2020/21-4	Dry	4/29/2021 10:00:00 AM	5/27/2021 7:08:00 AM	Benzo(g,h,i)perylene	n/a	<	0.42	µg/L	EPA 625.1	0.42	2	WKL	
ME-CC	2020/21-4	Dry	4/29/2021 10:00:00 AM	5/5/2021 6:49:00 AM	Benzo(g,h,i)perylene	n/a	<	0.05	µg/L	EPA 8270C	0.05	0.1	WKL	
ME-CC	2020/21-4	Dry	4/29/2021 10:00:00 AM	5/27/2021 7:08:00 AM	Benzo(k)fluoranthene	n/a	<	0.22	µg/L	EPA 625.1	0.22	1	WKL	
ME-CC	2020/21-4	Dry	4/29/2021 10:00:00 AM	5/5/2021 6:49:00 AM	Benzo(k)fluoranthene	n/a	<	0.026	µg/L	EPA 8270C	0.026	0.1	WKL	
ME-CC	2020/21-4	Dry	4/29/2021 10:00:00 AM	5/27/2021 7:08:00 AM	Bis(2-chloroethoxy)methane	n/a	<	0.25	µg/L	EPA 625.1	0.25	1	WKL	
ME-CC	2020/21-4	Dry	4/29/2021 10:00:00 AM	5/27/2021 7:08:00 AM	Bis(2-chloroethyl)ether	n/a	<	0.27	µg/L	EPA 625.1	0.27	1	WKL	
ME-CC	2020/21-4	Dry	4/29/2021 10:00:00 AM	5/27/2021 7:08:00 AM	Bis(2-chloroisopropyl)ether	n/a	<	0.38	µg/L	EPA 625.1	0.38	1	WKL	
ME-CC	2020/21-4	Dry	4/29/2021 10:00:00 AM	5/12/2021 5:41:00 AM	Bis(2-ethylhexyl)adipate	n/a	DNQ	0.42	µg/L	EPA 525.2	0.12	5	WKL	UL-MB
ME-CC	2020/21-4	Dry	4/29/2021 10:00:00 AM	5/27/2021 7:08:00 AM	Bis(2-ethylhexyl)phthalate	n/a	DNQ	4.2	µg/L	EPA 625.1	2.3	5	WKL	
ME-CC	2020/21-4	Dry	4/29/2021 10:00:00 AM	5/12/2021 5:41:00 AM	Bis(2-ethylhexyl)phthalate	n/a	DNQ	0.48	µg/L	EPA 525.2	0.41	3	WKL	UL-MB
ME-CC	2020/21-4	Dry	4/29/2021 10:00:00 AM	5/27/2021 7:08:00 AM	Butyl benzyl phthalate	n/a	<	0.18	µg/L	EPA 625.1	0.18	1	WKL	
ME-CC	2020/21-4	Dry	4/29/2021 10:00:00 AM	5/5/2021 6:49:00 AM	Chrysene	n/a	<	0.032	µg/L	EPA 8270C	0.032	0.1	WKL	
ME-CC	2020/21-4	Dry	4/29/2021 10:00:00 AM	5/27/2021 7:08:00 AM	Chrysene	n/a	<	0.19	µg/L	EPA 625.1	0.19	1	WKL	
ME-CC	2020/21-4	Dry	4/29/2021 10:00:00 AM	5/27/2021 7:08:00 AM	Dibenz(a,h)anthracene	n/a	<	0.53	µg/L	EPA 625.1	0.53	2	WKL	
ME-CC	2020/21-4	Dry	4/29/2021 10:00:00 AM	5/5/2021 6:49:00 AM	Dibenz(a,h)anthracene	n/a	<	0.096	µg/L	EPA 8270C	0.096	0.1	WKL	
ME-CC	2020/21-4	Dry	4/29/2021 10:00:00 AM	5/27/2021 7:08:00 AM	Diethyl phthalate	n/a	=	1.9	µg/L	EPA 625.1	0.15	1	WKL	
ME-CC	2020/21-4	Dry	4/29/2021 10:00:00 AM	5/27/2021 7:08:00 AM	Dimethyl phthalate	n/a	<	0.18	µg/L	EPA 625.1	0.18	1	WKL	
ME-CC	2020/21-4	Dry	4/29/2021 10:00:00 AM	5/27/2021 7:08:00 AM	Di-n-butylphthalate	n/a	DNQ	0.1	µg/L	EPA 625.1	0.1	1	WKL	
ME-CC	2020/21-4	Dry	4/29/2021 10:00:00 AM	5/27/2021 7:08:00 AM	Di-n-octylphthalate	n/a	<	0.46	µg/L	EPA 625.1	0.46	1	WKL	
ME-CC	2020/21-4	Dry	4/29/2021 10:00:00 AM	5/27/2021 7:08:00 AM	Fluoranthene	n/a	<	0.08	µg/L	EPA 625.1	0.08	1	WKL	
ME-CC	2020/21-4	Dry	4/29/2021 10:00:00 AM	5/5/2021 6:49:00 AM	Fluoranthene	n/a	<	0.039	µg/L	EPA 8270C	0.039	0.1	WKL	
ME-CC	2020/21-4	Dry	4/29/2021 10:00:00 AM	5/5/2021 6:49:00 AM	Fluorene	n/a	<	0.029	µg/L	EPA 8270C	0.029	0.1	WKL	
ME-CC	2020/21-4	Dry	4/29/2021 10:00:00 AM	5/27/2021 7:08:00 AM	Fluorene	n/a	<	0.35	µg/L	EPA 625.1	0.35	1	WKL	
ME-CC	2020/21-4	Dry	4/29/2021 10:00:00 AM	5/27/2021 7:08:00 AM	Hexachlorobenzene	n/a	<	0.49	µg/L	EPA 625.1	0.49	1	WKL	
ME-CC	2020/21-4	Dry	4/29/2021 10:00:00 AM	5/27/2021 7:08:00 AM	Hexachlorobutadiene	n/a	<	0.47	µg/L	EPA 625.1	0.47	1	WKL	
ME-CC	2020/21-4	Dry	4/29/2021 10:00:00 AM	5/27/2021 7:08:00 AM	Hexachlorocyclopentadiene	n/a	<	0.98	µg/L	EPA 625.1	0.98	5	WKL	
ME-CC	2020/21-4	Dry	4/29/2021 10:00:00 AM	5/27/2021 7:08:00 AM	Hexachloroethane	n/a	<	0.5	µg/L	EPA 625.1	0.5	1	WKL	
ME-CC	2020/21-4	Dry	4/29/2021 10:00:00 AM	5/5/2021 6:49:00 AM	Indeno(1,2,3-cd)pyrene	n/a	<	0.065	µg/L	EPA 8270C	0.065	0.1	WKL	
ME-CC	2020/21-4	Dry	4/29/2021 10:00:00 AM	5/27/2021 7:08:00 AM	Indeno(1,2,3-cd)pyrene	n/a	<	0.55	µg/L	EPA 625.1	0.55	2	WKL	
ME-CC	2020/21-4	Dry	4/29/2021 10:00:00 AM	5/27/2021 7:08:00 AM	Isophorone	n/a	<	0.21	µg/L	EPA 625.1	0.21	1	WKL	
ME-CC	2020/21-4	Dry	4/29/2021 10:00:00 AM	5/5/2021 6:49:00 AM	Naphthalene	n/a	<	0.026	µg/L	EPA 8270C	0.026	0.1	WKL	
ME-CC	2020/21-4	Dry	4/29/2021 10:00:00 AM	5/27/2021 7:08:00 AM	Naphthalene	n/a	<	0.49	µg/L	EPA 625.1	0.49	1	WKL	
ME-CC	2020/21-4	Dry	4/29/2021 10:00:00 AM	5/27/2021 7:08:00 AM	Nitrobenzene	n/a	<	0.36	µg/L	EPA 625.1	0.36	1	WKL	
ME-CC	2020/21-4	Dry	4/29/2021 10:00:00 AM	5/27/2021 7:08:00 AM	N-Nitrosodimethylamine	n/a	<	0.5	µg/L	EPA 625.1	0.5	1	WKL	
ME-CC	2020/21-4	Dry	4/29/2021 10:00:00 AM	5/27/2021 7:08:00 AM	N-Nitrosodi-N-propylamine	n/a	<	0.26	µg/L	EPA 625.1	0.26	1	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
ME-CC	2020/21-4	Dry	4/29/2021 10:00:00 AM	5/27/2021 7:08:00 AM	N-Nitrosodiphenylamine	n/a	<	0.19	µg/L	EPA 625.1	0.19	1	WKL	
ME-CC	2020/21-4	Dry	4/29/2021 10:00:00 AM	5/27/2021 7:08:00 AM	Phenanthrene	n/a	<	0.32	µg/L	EPA 625.1	0.32	1	WKL	
ME-CC	2020/21-4	Dry	4/29/2021 10:00:00 AM	5/5/2021 6:49:00 AM	Phenanthrene	n/a	<	0.029	µg/L	EPA 8270C	0.029	0.1	WKL	
ME-CC	2020/21-4	Dry	4/29/2021 10:00:00 AM	5/24/2021 11:45:00 PM	Phenol	n/a	<	0.35	µg/L	EPA 8270C	0.35	1	WKL	
ME-CC	2020/21-4	Dry	4/29/2021 10:00:00 AM	5/27/2021 7:08:00 AM	Phenol	n/a	DNQ	0.21	µg/L	EPA 625.1	0.16	1	WKL	
ME-CC	2020/21-4	Dry	4/29/2021 10:00:00 AM	5/5/2021 6:49:00 AM	Pyrene	n/a	<	0.04	µg/L	EPA 8270C	0.04	0.1	WKL	
ME-CC	2020/21-4	Dry	4/29/2021 10:00:00 AM	5/27/2021 7:08:00 AM	Pyrene	n/a	<	0.25	µg/L	EPA 625.1	0.25	1	WKL	
ME-CC	2020/21-4	Dry	4/29/2021 10:00:00 AM	5/7/2021 9:03:00 PM	PCB Aroclor 1016	n/a	<	1	µg/L	EPA 608.3	1	1	WKL	
ME-CC	2020/21-4	Dry	4/29/2021 10:00:00 AM	5/7/2021 9:03:00 PM	PCB Aroclor 1221	n/a	<	1	µg/L	EPA 608.3	1	1	WKL	
ME-CC	2020/21-4	Dry	4/29/2021 10:00:00 AM	5/7/2021 9:03:00 PM	PCB Aroclor 1232	n/a	<	1	µg/L	EPA 608.3	1	1	WKL	
ME-CC	2020/21-4	Dry	4/29/2021 10:00:00 AM	5/7/2021 9:03:00 PM	PCB Aroclor 1242	n/a	<	1	µg/L	EPA 608.3	1	1	WKL	
ME-CC	2020/21-4	Dry	4/29/2021 10:00:00 AM	5/7/2021 9:03:00 PM	PCB Aroclor 1248	n/a	<	1	µg/L	EPA 608.3	1	1	WKL	
ME-CC	2020/21-4	Dry	4/29/2021 10:00:00 AM	5/7/2021 9:03:00 PM	PCB Aroclor 1254	n/a	<	1	µg/L	EPA 608.3	1	1	WKL	
ME-CC	2020/21-4	Dry	4/29/2021 10:00:00 AM	5/7/2021 9:03:00 PM	PCB Aroclor 1260	n/a	<	1	µg/L	EPA 608.3	1	1	WKL	
ME-CC	2020/21-4	Dry	4/29/2021 10:00:00 AM	5/5/2021 9:17:00 AM	2,4,5-T	n/a	<	0.11	µg/L	EPA 515.4	0.11	0.4	WKL	
ME-CC	2020/21-4	Dry	4/29/2021 10:00:00 AM	5/5/2021 9:17:00 AM	2,4,5-TP	n/a	<	0.092	µg/L	EPA 515.4	0.092	0.4	WKL	
ME-CC	2020/21-4	Dry	4/29/2021 10:00:00 AM	5/5/2021 9:17:00 AM	2,4-D	n/a	<	0.28	µg/L	EPA 515.4	0.28	0.8	WKL	
ME-CC	2020/21-4	Dry	4/29/2021 10:00:00 AM	5/5/2021 9:17:00 AM	2,4-DB	n/a	<	0.38	µg/L	EPA 515.4	0.38	4	WKL	
ME-CC	2020/21-4	Dry	4/29/2021 10:00:00 AM	5/5/2021 9:17:00 AM	3,5-Dichlorobenzoic acid	n/a	<	0.24	µg/L	EPA 515.4	0.24	2	WKL	
ME-CC	2020/21-4	Dry	4/29/2021 10:00:00 AM	5/7/2021 9:03:00 PM	4,4'-DDD	n/a	<	0.0014	µg/L	EPA 608.3	0.0014	0.1	WKL	
ME-CC	2020/21-4	Dry	4/29/2021 10:00:00 AM	5/7/2021 9:03:00 PM	4,4'-DDE	n/a	<	0.1	µg/L	EPA 608.3	0.1	0.1	WKL	
ME-CC	2020/21-4	Dry	4/29/2021 10:00:00 AM	5/7/2021 9:03:00 PM	4,4'-DDT	n/a	<	0.0022	µg/L	EPA 608.3	0.0022	0.02	WKL	
ME-CC	2020/21-4	Dry	4/29/2021 10:00:00 AM	5/5/2021 9:17:00 AM	Acifluorfen	n/a	<	0.14	µg/L	EPA 515.4	0.14	0.8	WKL	
ME-CC	2020/21-4	Dry	4/29/2021 10:00:00 AM	5/12/2021 5:41:00 AM	Alachlor	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1	WKL	
ME-CC	2020/21-4	Dry	4/29/2021 10:00:00 AM	5/7/2021 9:03:00 PM	Aldrin	n/a	<	0.002	µg/L	EPA 608.3	0.002	0.01	WKL	
ME-CC	2020/21-4	Dry	4/29/2021 10:00:00 AM	5/7/2021 9:03:00 PM	alpha-BHC	n/a	<	0.0022	µg/L	EPA 608.3	0.0022	0.02	WKL	
ME-CC	2020/21-4	Dry	4/29/2021 10:00:00 AM	5/7/2021 9:03:00 PM	alpha-Chlordane	n/a	<	0.0058	µg/L	EPA 608.3	0.0058	0.02	WKL	
ME-CC	2020/21-4	Dry	4/29/2021 10:00:00 AM	5/12/2021 5:41:00 AM	Atrazine	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1	WKL	
ME-CC	2020/21-4	Dry	4/29/2021 10:00:00 AM	5/5/2021 2:49:00 PM	Azinphos methyl	n/a	<	0.0055	µg/L	EPA 625.1m	0.0055	0.01	WKL	
ME-CC	2020/21-4	Dry	4/29/2021 10:00:00 AM	5/5/2021 9:17:00 AM	Bentazon	n/a	<	0.46	µg/L	EPA 515.4	0.46	4	WKL	
ME-CC	2020/21-4	Dry	4/29/2021 10:00:00 AM	5/7/2021 9:03:00 PM	beta-BHC	n/a	<	0.003	µg/L	EPA 608.3	0.003	0.01	WKL	
ME-CC	2020/21-4	Dry	4/29/2021 10:00:00 AM	5/5/2021 2:49:00 PM	Bolstar	n/a	<	0.0046	µg/L	EPA 625.1m	0.0046	0.01	WKL	
ME-CC	2020/21-4	Dry	4/29/2021 10:00:00 AM	5/12/2021 5:41:00 AM	Bromacil	n/a	<	0.16	µg/L	EPA 525.2	0.16	0.5	WKL	
ME-CC	2020/21-4	Dry	4/29/2021 10:00:00 AM	5/12/2021 5:41:00 AM	Butachlor	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1	WKL	
ME-CC	2020/21-4	Dry	4/29/2021 10:00:00 AM	5/12/2021 5:41:00 AM	Captan	n/a	<	0.16	µg/L	EPA 525.2	0.16	1	WKL	
ME-CC	2020/21-4	Dry	4/29/2021 10:00:00 AM	5/7/2021 9:03:00 PM	Chlordane (technical)	n/a	<	0.086	µg/L	EPA 608.3	0.086	0.2	WKL	
ME-CC	2020/21-4	Dry	4/29/2021 10:00:00 AM	5/12/2021 5:41:00 AM	Chlorpropham	n/a	<	0.04	µg/L	EPA 525.2	0.04	0.1	WKL	
ME-CC	2020/21-4	Dry	4/29/2021 10:00:00 AM	5/5/2021 2:49:00 PM	Chlorpyrifos	n/a	<	0.0069	µg/L	EPA 625.1m	0.0069	0.01	WKL	
ME-CC	2020/21-4	Dry	4/29/2021 10:00:00 AM	5/5/2021 2:49:00 PM	Coumaphos	n/a	<	0.0051	µg/L	EPA 625.1m	0.0051	0.01	WKL	
ME-CC	2020/21-4	Dry	4/29/2021 10:00:00 AM	5/12/2021 5:41:00 AM	Cyanazine	n/a	<	0.04	µg/L	EPA 525.2	0.04	0.1	WKL	
ME-CC	2020/21-4	Dry	4/29/2021 10:00:00 AM	5/5/2021 9:17:00 AM	Dalapon	n/a	<	0.22	µg/L	EPA 515.4	0.22	0.8	WKL	
ME-CC	2020/21-4	Dry	4/29/2021 10:00:00 AM	5/5/2021 9:17:00 AM	DCPA (Dacthal)	n/a	=	0.49	µg/L	EPA 515.4	0.11	0.2	WKL	
ME-CC	2020/21-4	Dry	4/29/2021 10:00:00 AM	5/7/2021 9:03:00 PM	delta-BHC	n/a	<	0.0038	µg/L	EPA 608.3	0.0038	0.01	WKL	
ME-CC	2020/21-4	Dry	4/29/2021 10:00:00 AM	5/5/2021 2:49:00 PM	Demeton-O	n/a	<	0.01	µg/L	EPA 625.1m	0.01	0.01	WKL	
ME-CC	2020/21-4	Dry	4/29/2021 10:00:00 AM	5/5/2021 2:49:00 PM	Demeton-S	n/a	<	0.01	µg/L	EPA 625.1m	0.01	0.01	WKL	
ME-CC	2020/21-4	Dry	4/29/2021 10:00:00 AM	5/12/2021 5:41:00 AM	Diazinon	n/a	<	0.05	µg/L	EPA 525.2	0.05	0.1	WKL	
ME-CC	2020/21-4	Dry	4/29/2021 10:00:00 AM	5/5/2021 2:49:00 PM	Diazinon	n/a	<	0.0052	µg/L	EPA 625.1m	0.0052	0.01	WKL	
ME-CC	2020/21-4	Dry	4/29/2021 10:00:00 AM	5/5/2021 9:17:00 AM	Dicamba	n/a	<	0.15	µg/L	EPA 515.4	0.15	1.2	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
ME-CC	2020/21-4	Dry	4/29/2021 10:00:00 AM	5/5/2021 9:17:00 AM	Dichlorprop	n/a	<	0.24	µg/L	EPA 515.4	0.24	0.6	WKL	
ME-CC	2020/21-4	Dry	4/29/2021 10:00:00 AM	5/5/2021 2:49:00 PM	Dichlorvos	n/a	<	0.0029	µg/L	EPA 625.1m	0.0029	0.01	WKL	
ME-CC	2020/21-4	Dry	4/29/2021 10:00:00 AM	5/7/2021 9:03:00 PM	Dieldrin	n/a	<	0.0016	µg/L	EPA 608.3	0.0016	0.02	WKL	
ME-CC	2020/21-4	Dry	4/29/2021 10:00:00 AM	5/12/2021 5:41:00 AM	Dimethoate	n/a	DNQ	0.16	µg/L	EPA 525.2	0.02	0.2	WKL	UL-MB
ME-CC	2020/21-4	Dry	4/29/2021 10:00:00 AM	5/5/2021 2:49:00 PM	Dimethoate	n/a	=	0.039	µg/L	EPA 625.1m	0.0062	0.01	WKL	
ME-CC	2020/21-4	Dry	4/29/2021 10:00:00 AM	5/5/2021 9:17:00 AM	Dinoseb	n/a	<	0.11	µg/L	EPA 515.4	0.11	0.8	WKL	
ME-CC	2020/21-4	Dry	4/29/2021 10:00:00 AM	5/12/2021 5:41:00 AM	Diphenamid	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1	WKL	
ME-CC	2020/21-4	Dry	4/29/2021 10:00:00 AM	5/5/2021 2:49:00 PM	Disulfoton	n/a	<	0.01	µg/L	EPA 625.1m	0.01	0.01	WKL	
ME-CC	2020/21-4	Dry	4/29/2021 10:00:00 AM	5/12/2021 5:41:00 AM	Disulfoton	n/a	<	0.04	µg/L	EPA 525.2	0.04	0.1	WKL	
ME-CC	2020/21-4	Dry	4/29/2021 10:00:00 AM	5/7/2021 9:03:00 PM	Endosulfan I	n/a	<	0.0018	µg/L	EPA 608.3	0.0018	0.04	WKL	
ME-CC	2020/21-4	Dry	4/29/2021 10:00:00 AM	5/7/2021 9:03:00 PM	Endosulfan II	n/a	<	0.0014	µg/L	EPA 608.3	0.0014	0.02	WKL	
ME-CC	2020/21-4	Dry	4/29/2021 10:00:00 AM	5/7/2021 9:03:00 PM	Endosulfan sulfate	n/a	<	0.1	µg/L	EPA 608.3	0.1	0.1	WKL	
ME-CC	2020/21-4	Dry	4/29/2021 10:00:00 AM	5/7/2021 9:03:00 PM	Endrin	n/a	<	0.0034	µg/L	EPA 608.3	0.0034	0.02	WKL	
ME-CC	2020/21-4	Dry	4/29/2021 10:00:00 AM	5/7/2021 9:03:00 PM	Endrin aldehyde	n/a	<	0.0038	µg/L	EPA 608.3	0.0038	0.02	WKL	
ME-CC	2020/21-4	Dry	4/29/2021 10:00:00 AM	5/12/2021 5:41:00 AM	EPTC	n/a	<	0.02	µg/L	EPA 525.2	0.02	0.1	WKL	
ME-CC	2020/21-4	Dry	4/29/2021 10:00:00 AM	5/5/2021 2:49:00 PM	Ethoprop	n/a	<	0.0067	µg/L	EPA 625.1m	0.0067	0.01	WKL	
ME-CC	2020/21-4	Dry	4/29/2021 10:00:00 AM	5/5/2021 2:49:00 PM	Ethyl parathion	n/a	<	0.0054	µg/L	EPA 625.1m	0.0054	0.01	WKL	
ME-CC	2020/21-4	Dry	4/29/2021 10:00:00 AM	5/5/2021 2:49:00 PM	Fensulfothion	n/a	<	0.0029	µg/L	EPA 625.1m	0.0029	0.01	WKL	
ME-CC	2020/21-4	Dry	4/29/2021 10:00:00 AM	5/5/2021 2:49:00 PM	Fenthion	n/a	<	0.0038	µg/L	EPA 625.1m	0.0038	0.01	WKL	
ME-CC	2020/21-4	Dry	4/29/2021 10:00:00 AM	5/7/2021 9:03:00 PM	gamma-BHC (Lindane)	n/a	<	0.0008	µg/L	EPA 608.3	0.0008	0.04	WKL	
ME-CC	2020/21-4	Dry	4/29/2021 10:00:00 AM	5/7/2021 9:03:00 PM	gamma-Chlordane	n/a	<	0.0046	µg/L	EPA 608.3	0.0046	0.02	WKL	
ME-CC	2020/21-4	Dry	4/29/2021 10:00:00 AM	5/4/2021 12:19:00 AM	Glyphosate	n/a	<	1.8	µg/L	EPA 547	1.8	5	WKL	
ME-CC	2020/21-4	Dry	4/29/2021 10:00:00 AM	5/7/2021 9:03:00 PM	Heptachlor	n/a	<	0.0012	µg/L	EPA 608.3	0.0012	0.02	WKL	
ME-CC	2020/21-4	Dry	4/29/2021 10:00:00 AM	5/7/2021 9:03:00 PM	Heptachlor epoxide	n/a	<	0.0008	µg/L	EPA 608.3	0.0008	0.02	WKL	
ME-CC	2020/21-4	Dry	4/29/2021 10:00:00 AM	5/5/2021 2:49:00 PM	Malathion	n/a	<	0.0076	µg/L	EPA 625.1m	0.0076	0.01	WKL	
ME-CC	2020/21-4	Dry	4/29/2021 10:00:00 AM	5/5/2021 2:49:00 PM	Merphos	n/a	<	0.0058	µg/L	EPA 625.1m	0.0058	0.01	WKL	
ME-CC	2020/21-4	Dry	4/29/2021 10:00:00 AM	5/5/2021 2:49:00 PM	Methyl parathion	n/a	<	0.0063	µg/L	EPA 625.1m	0.0063	0.01	WKL	
ME-CC	2020/21-4	Dry	4/29/2021 10:00:00 AM	6/3/2021 7:36:00 PM	Metolachlor	n/a	DNQ	0.051	µg/L	EPA 525.2	0.03	0.1	WKL	EST-HT
ME-CC	2020/21-4	Dry	4/29/2021 10:00:00 AM	5/12/2021 5:41:00 AM	Metribuzin	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1	WKL	
ME-CC	2020/21-4	Dry	4/29/2021 10:00:00 AM	5/5/2021 2:49:00 PM	Mevinphos	n/a	<	0.0042	µg/L	EPA 625.1m	0.0042	0.01	WKL	
ME-CC	2020/21-4	Dry	4/29/2021 10:00:00 AM	5/12/2021 5:41:00 AM	Molinate	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1	WKL	
ME-CC	2020/21-4	Dry	4/29/2021 10:00:00 AM	5/5/2021 2:49:00 PM	Naled	n/a	<	0.0076	µg/L	EPA 625.1m	0.0076	0.01	WKL	
ME-CC	2020/21-4	Dry	4/29/2021 10:00:00 AM	5/27/2021 7:08:00 AM	Pentachlorophenol	n/a	<	0.4	µg/L	EPA 625.1	0.4	1	WKL	
ME-CC	2020/21-4	Dry	4/29/2021 10:00:00 AM	5/24/2021 11:45:00 PM	Pentachlorophenol	n/a	<	0.15	µg/L	EPA 8270C	0.15	1	WKL	
ME-CC	2020/21-4	Dry	4/29/2021 10:00:00 AM	5/5/2021 9:17:00 AM	Pentachlorophenol	n/a	<	0.092	µg/L	EPA 515.4	0.092	0.4	WKL	
ME-CC	2020/21-4	Dry	4/29/2021 10:00:00 AM	5/5/2021 2:49:00 PM	Phorate	n/a	<	0.003	µg/L	EPA 625.1m	0.003	0.01	WKL	
ME-CC	2020/21-4	Dry	4/29/2021 10:00:00 AM	5/5/2021 9:17:00 AM	Picloram	n/a	<	0.076	µg/L	EPA 515.4	0.076	1.2	WKL	
ME-CC	2020/21-4	Dry	4/29/2021 10:00:00 AM	5/12/2021 5:41:00 AM	Prometon	n/a	<	0.01	µg/L	EPA 525.2	0.01	0.1	WKL	
ME-CC	2020/21-4	Dry	4/29/2021 10:00:00 AM	6/3/2021 7:36:00 PM	Prometryn	n/a	=	2	µg/L	EPA 525.2	0.03	0.1	WKL	EST-HT
ME-CC	2020/21-4	Dry	4/29/2021 10:00:00 AM	5/5/2021 2:49:00 PM	Ronnel (Fenchlorphos)	n/a	<	0.0041	µg/L	EPA 625.1m	0.0041	0.01	WKL	
ME-CC	2020/21-4	Dry	4/29/2021 10:00:00 AM	5/12/2021 5:41:00 AM	Simazine	n/a	<	0.02	µg/L	EPA 525.2	0.02	0.1	WKL	
ME-CC	2020/21-4	Dry	4/29/2021 10:00:00 AM	5/5/2021 2:49:00 PM	Stirophos (Tetrachlorvinphos)	n/a	<	0.0031	µg/L	EPA 625.1m	0.0031	0.01	WKL	
ME-CC	2020/21-4	Dry	4/29/2021 10:00:00 AM	5/12/2021 5:41:00 AM	Terbacil	n/a	<	0.09	µg/L	EPA 525.2	0.09	2	WKL	
ME-CC	2020/21-4	Dry	4/29/2021 10:00:00 AM	5/12/2021 5:41:00 AM	Thiobencarb	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1	WKL	
ME-CC	2020/21-4	Dry	4/29/2021 10:00:00 AM	5/5/2021 2:49:00 PM	Tokuthion	n/a	<	0.0078	µg/L	EPA 625.1m	0.0078	0.01	WKL	
ME-CC	2020/21-4	Dry	4/29/2021 10:00:00 AM	5/7/2021 9:03:00 PM	Toxaphene	n/a	<	2	µg/L	EPA 608.3	2	2	WKL	
ME-CC	2020/21-4	Dry	4/29/2021 10:00:00 AM	5/5/2021 2:49:00 PM	Trichloronate	n/a	<	0.0067	µg/L	EPA 625.1m	0.0067	0.01	WKL	
ME-CC	2020/21-4	Dry	4/29/2021 10:00:00 AM	5/12/2021 5:41:00 AM	Trithion	n/a	<	0.02	µg/L	EPA 525.2	0.02	0.1	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
ME-CC	PS-2021	Dry	3/23/2021 10:40:00 AM	3/23/2021 10:40:00 AM	Conductivity	n/a	=	1052	µmhos/cm	Field Meter	-88	1	Field Crew	
ME-CC	PS-2021	Dry	3/23/2021 10:40:00 AM	3/23/2021 10:40:00 AM	Discharge	n/a	=	5.7	cfs	Field Meter	-88	-88	Field Crew	
ME-CC	PS-2021	Dry	3/23/2021 10:40:00 AM	3/23/2021 10:40:00 AM	DO	n/a	=	9.77	mg/L	Field Meter	-88	0.3	Field Crew	
ME-CC	PS-2021	Dry	3/23/2021 10:40:00 AM	3/23/2021 10:40:00 AM	DO	n/a	=	97.9	%	Field Meter	-88	0.1	Field Crew	
ME-CC	PS-2021	Dry	3/23/2021 10:40:00 AM	3/23/2021 10:40:00 AM	pH	n/a	=	8.03	pH Units	Field Meter	-88	0.01	Field Crew	
ME-CC	PS-2021	Dry	3/23/2021 10:40:00 AM	3/23/2021 10:40:00 AM	Salinity	n/a	=	600	mg/L	Field Meter	-88	100	Field Crew	
ME-CC	PS-2021	Dry	3/23/2021 10:40:00 AM	3/23/2021 10:40:00 AM	Specific Conductance	n/a	=	1282	µmhos/cm	Field Meter	-88	1	Field Crew	
ME-CC	PS-2021	Dry	3/23/2021 10:40:00 AM	3/23/2021 10:40:00 AM	Temperature	n/a	=	15.7	°C	Field Meter	-88	0.1	Field Crew	
ME-CC	PS-2021	Dry	3/23/2021 10:40:00 AM	4/2/2021 12:52:00 PM	Total Organic Carbon	n/a	=	6830	mg/Kg dw	EPA 9060	47.4	263	WKL	
ME-CC	PS-2021	Dry	3/23/2021 10:40:00 AM	5/3/2021 5:11:00 PM	Total Solids	Total	=	76	%	EPA 160.3	-88	0.1	WKL	EST-HT
ME-CC	PS-2021	Dry	3/23/2021 10:40:00 AM	3/23/2021 10:40:00 AM	Turbidity	n/a	=	6.08	NTU	Field Meter	-88	0.01	Field Crew	
ME-CC	PS-2021	Dry	3/23/2021 10:40:00 AM	3/27/2021 4:38:00 AM	Dichloran	n/a	<	5.6	ng/g dw	rthrdGCMS-SI	5.6	5.6	WKL	DG, EST-HT
ME-CC	PS-2021	Dry	3/23/2021 10:40:00 AM	3/27/2021 4:38:00 AM	Dichloran	n/a	<	4.2	ng/g ww	rthrdGCMS-SI	4.2	4.2	WKL	DG
ME-CC	PS-2021	Dry	3/23/2021 10:40:00 AM	3/27/2021 4:38:00 AM	Pendimethalin	n/a	<	4.2	ng/g ww	rthrdGCMS-SI	4.2	4.2	WKL	DG
ME-CC	PS-2021	Dry	3/23/2021 10:40:00 AM	3/27/2021 4:38:00 AM	Pendimethalin	n/a	<	5.6	ng/g dw	rthrdGCMS-SI	5.6	5.6	WKL	DG, EST-HT
ME-CC	PS-2021	Dry	3/23/2021 10:40:00 AM	3/27/2021 4:38:00 AM	Allethrin	n/a	<	4.2	ng/g ww	rthrdGCMS-SI	4.2	4.2	WKL	DG
ME-CC	PS-2021	Dry	3/23/2021 10:40:00 AM	3/27/2021 4:38:00 AM	Allethrin	n/a	<	5.6	ng/g dw	rthrdGCMS-SI	5.6	5.6	WKL	DG, EST-HT
ME-CC	PS-2021	Dry	3/23/2021 10:40:00 AM	3/27/2021 4:38:00 AM	Bifenthrin	n/a	<	5.6	ng/g dw	rthrdGCMS-SI	5.6	5.6	WKL	DG, EST-HT
ME-CC	PS-2021	Dry	3/23/2021 10:40:00 AM	3/27/2021 4:38:00 AM	Bifenthrin	n/a	<	4.2	ng/g ww	rthrdGCMS-SI	4.2	4.2	WKL	DG
ME-CC	PS-2021	Dry	3/23/2021 10:40:00 AM	3/27/2021 4:38:00 AM	Cyfluthrin	n/a	<	4.2	ng/g ww	rthrdGCMS-SI	4.2	4.2	WKL	DG
ME-CC	PS-2021	Dry	3/23/2021 10:40:00 AM	3/27/2021 4:38:00 AM	Cyfluthrin	n/a	<	5.6	ng/g dw	rthrdGCMS-SI	5.6	5.6	WKL	DG, EST-HT
ME-CC	PS-2021	Dry	3/23/2021 10:40:00 AM	3/27/2021 4:38:00 AM	Cypermethrin	n/a	<	5.6	ng/g dw	rthrdGCMS-SI	5.6	5.6	WKL	DG, EST-HT
ME-CC	PS-2021	Dry	3/23/2021 10:40:00 AM	3/27/2021 4:38:00 AM	Cypermethrin	n/a	<	4.2	ng/g ww	rthrdGCMS-SI	4.2	4.2	WKL	DG
ME-CC	PS-2021	Dry	3/23/2021 10:40:00 AM	3/27/2021 4:38:00 AM	Deltamethrin	n/a	<	4.2	ng/g ww	rthrdGCMS-SI	4.2	4.2	WKL	DG
ME-CC	PS-2021	Dry	3/23/2021 10:40:00 AM	3/27/2021 4:38:00 AM	Deltamethrin	n/a	<	5.6	ng/g dw	rthrdGCMS-SI	5.6	5.6	WKL	DG, EST-HT
ME-CC	PS-2021	Dry	3/23/2021 10:40:00 AM	3/27/2021 4:38:00 AM	Esfenvalerate	n/a	<	5.6	ng/g dw	rthrdGCMS-SI	5.6	5.6	WKL	DG, EST-HT
ME-CC	PS-2021	Dry	3/23/2021 10:40:00 AM	3/27/2021 4:38:00 AM	Esfenvalerate	n/a	<	4.2	ng/g ww	rthrdGCMS-SI	4.2	4.2	WKL	DG
ME-CC	PS-2021	Dry	3/23/2021 10:40:00 AM	3/27/2021 4:38:00 AM	Fenpropathrin (Danitol)	n/a	<	5.6	ng/g dw	rthrdGCMS-SI	5.6	5.6	WKL	DG, EST-HT
ME-CC	PS-2021	Dry	3/23/2021 10:40:00 AM	3/27/2021 4:38:00 AM	Fenpropathrin (Danitol)	n/a	<	4.2	ng/g ww	rthrdGCMS-SI	4.2	4.2	WKL	DG
ME-CC	PS-2021	Dry	3/23/2021 10:40:00 AM	3/27/2021 4:38:00 AM	Fenvalerate	n/a	<	5.6	ng/g dw	rthrdGCMS-SI	5.6	5.6	WKL	DG, EST-HT
ME-CC	PS-2021	Dry	3/23/2021 10:40:00 AM	3/27/2021 4:38:00 AM	Fenvalerate	n/a	<	4.2	ng/g ww	rthrdGCMS-SI	4.2	4.2	WKL	DG
ME-CC	PS-2021	Dry	3/23/2021 10:40:00 AM	3/27/2021 4:38:00 AM	lambda-Cyhalothrin	n/a	<	5.6	ng/g dw	rthrdGCMS-SI	5.6	5.6	WKL	DG, EST-HT
ME-CC	PS-2021	Dry	3/23/2021 10:40:00 AM	3/27/2021 4:38:00 AM	lambda-Cyhalothrin	n/a	<	4.2	ng/g ww	rthrdGCMS-SI	4.2	4.2	WKL	DG
ME-CC	PS-2021	Dry	3/23/2021 10:40:00 AM	3/27/2021 4:38:00 AM	Permethrin	n/a	<	4.2	ng/g ww	rthrdGCMS-SI	4.2	4.2	WKL	DG
ME-CC	PS-2021	Dry	3/23/2021 10:40:00 AM	3/27/2021 4:38:00 AM	Permethrin	n/a	<	5.6	ng/g dw	rthrdGCMS-SI	5.6	5.6	WKL	DG, EST-HT
ME-CC	PS-2021	Dry	3/23/2021 10:40:00 AM	3/27/2021 4:38:00 AM	Phenothrin (Sumithrin)	n/a	<	5.6	ng/g dw	rthrdGCMS-SI	5.6	5.6	WKL	DG, EST-HT
ME-CC	PS-2021	Dry	3/23/2021 10:40:00 AM	3/27/2021 4:38:00 AM	Phenothrin (Sumithrin)	n/a	<	4.2	ng/g ww	rthrdGCMS-SI	4.2	4.2	WKL	DG
ME-CC	PS-2021	Dry	3/23/2021 10:40:00 AM	3/27/2021 4:38:00 AM	Prallethrin	n/a	<	5.6	ng/g dw	rthrdGCMS-SI	5.6	5.6	WKL	DG, EST-HT
ME-CC	PS-2021	Dry	3/23/2021 10:40:00 AM	3/27/2021 4:38:00 AM	Prallethrin	n/a	<	4.2	ng/g ww	rthrdGCMS-SI	4.2	4.2	WKL	DG
ME-CC	PS-2021	Dry	3/23/2021 10:40:00 AM	3/27/2021 4:38:00 AM	Tefluthrin	n/a	<	4.2	ng/g ww	rthrdGCMS-SI	4.2	4.2	WKL	DG
ME-CC	PS-2021	Dry	3/23/2021 10:40:00 AM	3/27/2021 4:38:00 AM	Tefluthrin	n/a	<	5.6	ng/g dw	rthrdGCMS-SI	5.6	5.6	WKL	DG, EST-HT
ME-CC	PS-2021	Dry	3/23/2021 10:40:00 AM	3/27/2021 4:38:00 AM	Tralomeethrin	n/a	<	4.2	ng/g ww	rthrdGCMS-SI	4.2	4.2	WKL	DG
ME-CC	PS-2021	Dry	3/23/2021 10:40:00 AM	3/27/2021 4:38:00 AM	Tralomeethrin	n/a	<	5.6	ng/g dw	rthrdGCMS-SI	5.6	5.6	WKL	DG, EST-HT
ME-SCR	2020/21-1	Wet	12/28/2020 7:50:00 AM	12/29/2020 11:50:00 AM	E. Coli	n/a	=	1354	MPN/100 mL	MMO-MUG	10	10	VCHCA	
ME-SCR	2020/21-1	Wet	12/28/2020 7:50:00 AM	12/29/2020 11:50:00 AM	Total Coliform	n/a	=	81600	MPN/100 mL	MMO-MUG	1000	1000	VCHCA	
ME-SCR	2020/21-1	Wet	12/28/2020 7:50:00 AM	12/28/2020 7:50:00 AM	Conductivity	n/a	=	1166	µmhos/cm	Field Meter	-88	1	Field Crew	
ME-SCR	2020/21-1	Wet	12/28/2020 7:50:00 AM	1/5/2021 2:24:00 PM	Cyanide	Total	<	0.0003	mg/L	ASTM D7511	0.0003	0.002	WKL	
ME-SCR	2020/21-1	Wet	12/28/2020 7:50:00 AM	12/28/2020 7:50:00 AM	DO	n/a	=	83.1	%	Field Meter	-88	0.1	Field Crew	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
ME-SCR	2020/21-1	Wet	12/28/2020 7:50:00 AM	12/28/2020 7:50:00 AM	DO	n/a	=	9.06	mg/L	Field Meter	-88	0.3	Field Crew	
ME-SCR	2020/21-1	Wet	12/28/2020 7:50:00 AM	12/28/2020 7:50:00 AM	pH	n/a	=	7.92	pH Units	Field Meter	-88	0.01	Field Crew	
ME-SCR	2020/21-1	Wet	12/28/2020 7:50:00 AM	12/28/2020 7:50:00 AM	Salinity	n/a	=	800	mg/L	Field Meter	-88	100	Field Crew	
ME-SCR	2020/21-1	Wet	12/28/2020 7:50:00 AM	12/28/2020 7:50:00 AM	Specific Conductance	n/a	=	1580	µmhos/cm	Field Meter	-88	1	Field Crew	
ME-SCR	2020/21-1	Wet	12/28/2020 7:50:00 AM	12/28/2020 7:50:00 AM	Temperature	n/a	=	11.9	°C	Field Meter	-88	0.1	Field Crew	
ME-SCR	2020/21-1	Wet	12/28/2020 7:50:00 AM	1/3/2021 6:17:00 PM	Gasoline Range Organics	n/a	<	0.065	mg/L	LUFT GC/MS	0.065	0.1	WKL	
ME-SCR	2020/21-1	Wet	12/28/2020 7:50:00 AM	1/15/2021 3:38:00 PM	Oil and Grease	n/a	DNQ	1.8	mg/L	EPA 1664B	0.7	5	WKL	
ME-SCR	2020/21-1	Wet	12/28/2020 7:50:00 AM	12/29/2020 12:04:00 PM	2-Chloroethyl vinyl ether	n/a	<	0.19	µg/L	EPA 624.1	0.19	1	WKL	
ME-SCR	2020/21-1	Wet	12/28/2020 7:50:00 AM	12/29/2020 12:04:00 PM	Methyl tert-butyl ether (MTBE)	n/a	<	0.4	µg/L	EPA 624.1	0.4	1	WKL	
ME-SCR	2020/21-1	Wet	12/28/2020 12:58:00 PM	12/30/2020 1:52:00 AM	Chloride	n/a	=	140	mg/L	EPA 300.0	0.17	1	WKL	
ME-SCR	2020/21-1	Wet	12/28/2020 12:58:00 PM	12/30/2020 1:52:00 AM	Fluoride	n/a	=	0.39	mg/L	EPA 300.0	0.018	0.2	WKL	
ME-SCR	2020/21-1	Wet	12/28/2020 12:58:00 PM	12/30/2020 8:43:00 PM	Perchlorate	n/a	<	0.84	µg/L	EPA 314.0	0.84	2	WKL	
ME-SCR	2020/21-1	Wet	12/28/2020 12:58:00 PM	1/2/2021 11:38:00 AM	Calcium	Total	=	62.9	mg/L	EPA 200.7	0.016	0.1	WKL	
ME-SCR	2020/21-1	Wet	12/28/2020 12:58:00 PM	1/2/2021 11:38:00 AM	Magnesium	Total	=	39.8	mg/L	EPA 200.7	0.012	0.1	WKL	
ME-SCR	2020/21-1	Wet	12/28/2020 12:58:00 PM	1/4/2021 12:03:00 PM	Alkalinity as CaCO3	n/a	=	160	mg/L	SM 2320 B	0.56	5	WKL	
ME-SCR	2020/21-1	Wet	12/28/2020 12:58:00 PM	1/3/2021 12:02:00 PM	BOD	n/a	=	19	mg/L	SM 5210 B	2	2	WKL	
ME-SCR	2020/21-1	Wet	12/28/2020 12:58:00 PM	12/30/2020 12:38:00 PM	COD	n/a	=	88	mg/L	EPA 410.4	2.9	5	WKL	
ME-SCR	2020/21-1	Wet	12/28/2020 12:58:00 PM	1/2/2021 11:38:00 AM	Hardness as CaCO3	Total	=	321	mg/L	EPA 200.7	0.0894	0.662	WKL	
ME-SCR	2020/21-1	Wet	12/28/2020 12:58:00 PM	12/29/2020 3:14:00 PM	MBAS	n/a	DNQ	0.018	mg/L	SM 5540 C	0.017	0.05	WKL	
ME-SCR	2020/21-1	Wet	12/28/2020 12:58:00 PM	1/5/2021 1:33:00 PM	Phenolics	n/a	DNQ	0.0045	mg/L	EPA 420.4	0.0032	0.01	WKL	
ME-SCR	2020/21-1	Wet	12/28/2020 12:58:00 PM	1/5/2021 12:34:00 PM	Specific Conductance	n/a	=	1200	µmhos/cm	SM 2510 B	0.23	2	WKL	
ME-SCR	2020/21-1	Wet	12/28/2020 12:58:00 PM	12/30/2020 6:44:00 PM	Total Dissolved Solids	n/a	=	720	mg/L	SM 2540 C	4	10	WKL	
ME-SCR	2020/21-1	Wet	12/28/2020 12:58:00 PM	12/30/2020 2:24:00 PM	Total Organic Carbon	n/a	=	18	mg/L	SM 5310 B	0.096	0.3	WKL	
ME-SCR	2020/21-1	Wet	12/28/2020 12:58:00 PM	12/30/2020 12:43:00 PM	Total Suspended Solids	n/a	=	370	mg/L	SM 2540 D	-88	5	WKL	
ME-SCR	2020/21-1	Wet	12/28/2020 12:58:00 PM	12/29/2020 3:28:00 PM	Turbidity	n/a	=	30	NTU	EPA 180.1	0.017	0.1	WKL	
ME-SCR	2020/21-1	Wet	12/28/2020 12:58:00 PM	12/30/2020 12:43:00 PM	Volatile Suspended Solids	n/a	=	54	mg/L	EPA 160.4	3.1	5	WKL	
ME-SCR	2020/21-1	Wet	12/28/2020 12:58:00 PM	1/11/2021 9:10:00 PM	Diesel Range Organics	n/a	=	0.35	mg/L	EPA 8015B	0.032	0.1	WKL	
ME-SCR	2020/21-1	Wet	12/28/2020 12:58:00 PM	1/11/2021 9:10:00 PM	Oil Range Organics	n/a	<	0.33	mg/L	EPA 8015B	0.33	0.5	WKL	
ME-SCR	2020/21-1	Wet	12/28/2020 12:58:00 PM	1/4/2021 3:13:00 PM	Aluminum	Dissolved	DNQ	8.2	µg/L	EPA 200.8	4.4	20	WKL	
ME-SCR	2020/21-1	Wet	12/28/2020 12:58:00 PM	1/4/2021 3:16:00 PM	Aluminum	Total	=	3200	µg/L	EPA 200.8	4.4	20	WKL	LB-MSR
ME-SCR	2020/21-1	Wet	12/28/2020 12:58:00 PM	1/4/2021 3:13:00 PM	Antimony	Dissolved	DNQ	0.45	µg/L	EPA 200.8	0.089	0.5	WKL	
ME-SCR	2020/21-1	Wet	12/28/2020 12:58:00 PM	1/4/2021 3:16:00 PM	Antimony	Total	=	0.57	µg/L	EPA 200.8	0.089	0.5	WKL	
ME-SCR	2020/21-1	Wet	12/28/2020 12:58:00 PM	1/4/2021 3:13:00 PM	Arsenic	Dissolved	=	3	µg/L	EPA 200.8	0.074	0.4	WKL	
ME-SCR	2020/21-1	Wet	12/28/2020 12:58:00 PM	1/4/2021 3:16:00 PM	Arsenic	Total	=	4	µg/L	EPA 200.8	0.074	0.4	WKL	
ME-SCR	2020/21-1	Wet	12/28/2020 12:58:00 PM	1/4/2021 3:16:00 PM	Barium	Total	=	51	µg/L	EPA 200.8	0.14	1	WKL	
ME-SCR	2020/21-1	Wet	12/28/2020 12:58:00 PM	1/4/2021 3:13:00 PM	Beryllium	Dissolved	<	0.062	µg/L	EPA 200.8	0.062	0.1	WKL	
ME-SCR	2020/21-1	Wet	12/28/2020 12:58:00 PM	1/4/2021 3:16:00 PM	Beryllium	Total	=	0.14	µg/L	EPA 200.8	0.062	0.1	WKL	
ME-SCR	2020/21-1	Wet	12/28/2020 12:58:00 PM	1/4/2021 3:13:00 PM	Cadmium	Dissolved	DNQ	0.19	µg/L	EPA 200.8	0.042	0.2	WKL	
ME-SCR	2020/21-1	Wet	12/28/2020 12:58:00 PM	1/4/2021 3:16:00 PM	Cadmium	Total	=	0.39	µg/L	EPA 200.8	0.042	0.2	WKL	
ME-SCR	2020/21-1	Wet	12/28/2020 12:58:00 PM	1/4/2021 3:13:00 PM	Chromium	Dissolved	=	0.34	µg/L	EPA 200.8	0.089	0.2	WKL	
ME-SCR	2020/21-1	Wet	12/28/2020 12:58:00 PM	1/4/2021 3:16:00 PM	Chromium	Total	=	11	µg/L	EPA 200.8	0.089	0.2	WKL	
ME-SCR	2020/21-1	Wet	12/28/2020 12:58:00 PM	12/30/2020 2:36:00 PM	Chromium VI	n/a	=	0.16	µg/L	EPA 218.6	0.0079	0.02	WKL	
ME-SCR	2020/21-1	Wet	12/28/2020 12:58:00 PM	1/4/2021 3:13:00 PM	Copper	Dissolved	=	4.5	µg/L	EPA 200.8	0.23	0.5	WKL	
ME-SCR	2020/21-1	Wet	12/28/2020 12:58:00 PM	1/4/2021 3:16:00 PM	Copper	Total	=	11	µg/L	EPA 200.8	0.23	0.5	WKL	
ME-SCR	2020/21-1	Wet	12/28/2020 12:58:00 PM	1/4/2021 3:13:00 PM	Iron	Dissolved	=	45	µg/L	EPA 200.8	3.9	20	WKL	
ME-SCR	2020/21-1	Wet	12/28/2020 12:58:00 PM	1/4/2021 3:16:00 PM	Iron	Total	=	4800	µg/L	EPA 200.8	3.9	20	WKL	LB-MSR
ME-SCR	2020/21-1	Wet	12/28/2020 12:58:00 PM	1/4/2021 3:13:00 PM	Lead	Dissolved	<	0.083	µg/L	EPA 200.8	0.083	0.2	WKL	
ME-SCR	2020/21-1	Wet	12/28/2020 12:58:00 PM	1/4/2021 3:16:00 PM	Lead	Total	=	2.3	µg/L	EPA 200.8	0.083	0.2	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
ME-SCR	2020/21-1	Wet	12/28/2020 12:58:00 PM	1/5/2021 1:56:00 PM	Mercury	Dissolved	<	17	ng/L	EPA 245.1	17	50	WKL	
ME-SCR	2020/21-1	Wet	12/28/2020 12:58:00 PM	1/5/2021 1:58:00 PM	Mercury	Total	<	17	ng/L	EPA 245.1	17	50	WKL	
ME-SCR	2020/21-1	Wet	12/28/2020 12:58:00 PM	1/4/2021 3:13:00 PM	Nickel	Dissolved	=	5.5	µg/L	EPA 200.8	0.16	2	WKL	
ME-SCR	2020/21-1	Wet	12/28/2020 12:58:00 PM	1/4/2021 3:16:00 PM	Nickel	Total	=	13	µg/L	EPA 200.8	0.16	2	WKL	
ME-SCR	2020/21-1	Wet	12/28/2020 12:58:00 PM	1/4/2021 3:13:00 PM	Selenium	Dissolved	=	0.58	µg/L	EPA 200.8	0.067	0.4	WKL	
ME-SCR	2020/21-1	Wet	12/28/2020 12:58:00 PM	1/4/2021 3:16:00 PM	Selenium	Total	=	0.73	µg/L	EPA 200.8	0.067	0.4	WKL	
ME-SCR	2020/21-1	Wet	12/28/2020 12:58:00 PM	1/4/2021 3:13:00 PM	Silver	Dissolved	<	0.03	µg/L	EPA 200.8	0.03	0.2	WKL	
ME-SCR	2020/21-1	Wet	12/28/2020 12:58:00 PM	1/4/2021 3:16:00 PM	Silver	Total	DNQ	0.038	µg/L	EPA 200.8	0.03	0.2	WKL	
ME-SCR	2020/21-1	Wet	12/28/2020 12:58:00 PM	1/4/2021 3:13:00 PM	Thallium	Dissolved	<	0.021	µg/L	EPA 200.8	0.021	0.2	WKL	
ME-SCR	2020/21-1	Wet	12/28/2020 12:58:00 PM	1/4/2021 3:16:00 PM	Thallium	Total	DNQ	0.034	µg/L	EPA 200.8	0.021	0.2	WKL	
ME-SCR	2020/21-1	Wet	12/28/2020 12:58:00 PM	1/4/2021 3:13:00 PM	Zinc	Dissolved	=	16	µg/L	EPA 200.8	0.8	10	WKL	
ME-SCR	2020/21-1	Wet	12/28/2020 12:58:00 PM	1/4/2021 3:16:00 PM	Zinc	Total	=	41	µg/L	EPA 200.8	0.8	10	WKL	
ME-SCR	2020/21-1	Wet	12/28/2020 12:58:00 PM	12/29/2020 5:46:00 PM	Ammonia as N	n/a	=	0.47	mg/L	EPA 350.1	0.047	0.1	WKL	
ME-SCR	2020/21-1	Wet	12/28/2020 12:58:00 PM	12/29/2020 12:38:00 PM	Nitrate + Nitrite as N	n/a	=	6.3	mg/L	EPA 353.2	0.036	0.2	WKL	
ME-SCR	2020/21-1	Wet	12/28/2020 12:58:00 PM	1/2/2021 11:35:00 AM	Phosphorus as P	Dissolved	=	1.9	mg/L	EPA 200.7	0.012	0.02	WKL	
ME-SCR	2020/21-1	Wet	12/28/2020 12:58:00 PM	1/2/2021 11:38:00 AM	Phosphorus as P	Total	=	2.3	mg/L	EPA 200.7	0.012	0.02	WKL	
ME-SCR	2020/21-1	Wet	12/28/2020 12:58:00 PM	12/31/2020 1:21:00 PM	TKN	n/a	=	1.8	mg/L	EPA 351.2	0.26	0.4	WKL	
ME-SCR	2020/21-1	Wet	12/28/2020 12:58:00 PM	2/2/2021 8:01:00 PM	1,2,4-Trichlorobenzene	n/a	<	4.9	µg/L	EPA 625.1	4.9	10	WKL	
ME-SCR	2020/21-1	Wet	12/28/2020 12:58:00 PM	2/2/2021 8:01:00 PM	1,2-Dichlorobenzene	n/a	<	4.6	µg/L	EPA 625.1	4.6	10	WKL	
ME-SCR	2020/21-1	Wet	12/28/2020 12:58:00 PM	2/2/2021 8:01:00 PM	1,2-Diphenylhydrazine	n/a	<	3	µg/L	EPA 625.1	3	10	WKL	
ME-SCR	2020/21-1	Wet	12/28/2020 12:58:00 PM	2/2/2021 8:01:00 PM	1,3-Dichlorobenzene	n/a	<	4.2	µg/L	EPA 625.1	4.2	10	WKL	
ME-SCR	2020/21-1	Wet	12/28/2020 12:58:00 PM	2/2/2021 8:01:00 PM	1,4-Dichlorobenzene	n/a	<	4.8	µg/L	EPA 625.1	4.8	10	WKL	
ME-SCR	2020/21-1	Wet	12/28/2020 12:58:00 PM	1/30/2021 6:26:00 PM	1-Methylnaphthalene	n/a	<	0.24	µg/L	EPA 8270C	0.24	1	WKL	
ME-SCR	2020/21-1	Wet	12/28/2020 12:58:00 PM	2/2/2021 12:11:00 AM	2,4,5-Trichlorophenol	n/a	<	2.9	µg/L	EPA 8270C	2.9	10	WKL	
ME-SCR	2020/21-1	Wet	12/28/2020 12:58:00 PM	2/2/2021 12:11:00 AM	2,4,6-Trichlorophenol	n/a	<	3	µg/L	EPA 8270C	3	10	WKL	
ME-SCR	2020/21-1	Wet	12/28/2020 12:58:00 PM	2/2/2021 8:01:00 PM	2,4,6-Trichlorophenol	n/a	<	2.2	µg/L	EPA 625.1	2.2	10	WKL	
ME-SCR	2020/21-1	Wet	12/28/2020 12:58:00 PM	2/2/2021 12:11:00 AM	2,4-Dichlorophenol	n/a	<	5.1	µg/L	EPA 8270C	5.1	10	WKL	
ME-SCR	2020/21-1	Wet	12/28/2020 12:58:00 PM	2/2/2021 8:01:00 PM	2,4-Dichlorophenol	n/a	<	2.6	µg/L	EPA 625.1	2.6	10	WKL	
ME-SCR	2020/21-1	Wet	12/28/2020 12:58:00 PM	2/2/2021 8:01:00 PM	2,4-Dimethylphenol	n/a	<	3	µg/L	EPA 625.1	3	10	WKL	
ME-SCR	2020/21-1	Wet	12/28/2020 12:58:00 PM	2/2/2021 12:11:00 AM	2,4-Dimethylphenol	n/a	<	10	µg/L	EPA 8270C	10	20	WKL	LB-LCSR
ME-SCR	2020/21-1	Wet	12/28/2020 12:58:00 PM	2/2/2021 12:11:00 AM	2,4-Dinitrophenol	n/a	<	10	µg/L	EPA 8270C	10	20	WKL	
ME-SCR	2020/21-1	Wet	12/28/2020 12:58:00 PM	2/2/2021 8:01:00 PM	2,4-Dinitrophenol	n/a	<	19	µg/L	EPA 625.1	19	100	WKL	
ME-SCR	2020/21-1	Wet	12/28/2020 12:58:00 PM	2/2/2021 8:01:00 PM	2,4-Dinitrotoluene	n/a	<	1.8	µg/L	EPA 625.1	1.8	10	WKL	
ME-SCR	2020/21-1	Wet	12/28/2020 12:58:00 PM	2/2/2021 8:01:00 PM	2,6-Dinitrotoluene	n/a	<	2.7	µg/L	EPA 625.1	2.7	10	WKL	
ME-SCR	2020/21-1	Wet	12/28/2020 12:58:00 PM	2/2/2021 8:01:00 PM	2-Chloronaphthalene	n/a	<	4.5	µg/L	EPA 625.1	4.5	10	WKL	
ME-SCR	2020/21-1	Wet	12/28/2020 12:58:00 PM	2/2/2021 12:11:00 AM	2-Chlorophenol	n/a	<	6.5	µg/L	EPA 8270C	6.5	10	WKL	
ME-SCR	2020/21-1	Wet	12/28/2020 12:58:00 PM	2/2/2021 8:01:00 PM	2-Chlorophenol	n/a	<	2.8	µg/L	EPA 625.1	2.8	10	WKL	
ME-SCR	2020/21-1	Wet	12/28/2020 12:58:00 PM	1/30/2021 6:26:00 PM	2-Methylnaphthalene	n/a	<	0.26	µg/L	EPA 8270C	0.26	1	WKL	
ME-SCR	2020/21-1	Wet	12/28/2020 12:58:00 PM	2/2/2021 12:11:00 AM	2-Methylphenol	n/a	<	3.4	µg/L	EPA 8270C	3.4	10	WKL	
ME-SCR	2020/21-1	Wet	12/28/2020 12:58:00 PM	2/2/2021 12:11:00 AM	2-Nitrophenol	n/a	<	7.1	µg/L	EPA 8270C	7.1	10	WKL	
ME-SCR	2020/21-1	Wet	12/28/2020 12:58:00 PM	2/2/2021 8:01:00 PM	2-Nitrophenol	n/a	<	2.6	µg/L	EPA 625.1	2.6	10	WKL	
ME-SCR	2020/21-1	Wet	12/28/2020 12:58:00 PM	2/2/2021 8:01:00 PM	3,3'-Dichlorobenzidine	n/a	<	9.9	µg/L	EPA 625.1	9.9	50	WKL	
ME-SCR	2020/21-1	Wet	12/28/2020 12:58:00 PM	2/2/2021 12:11:00 AM	3-/4-Methylphenol	n/a	<	3	µg/L	EPA 8270C	3	10	WKL	
ME-SCR	2020/21-1	Wet	12/28/2020 12:58:00 PM	2/2/2021 12:11:00 AM	4,6-Dinitro-2-methylphenol	n/a	<	1.4	µg/L	EPA 8270C	1.4	10	WKL	
ME-SCR	2020/21-1	Wet	12/28/2020 12:58:00 PM	2/2/2021 8:01:00 PM	4,6-Dinitro-2-methylphenol	n/a	<	14	µg/L	EPA 625.1	14	50	WKL	
ME-SCR	2020/21-1	Wet	12/28/2020 12:58:00 PM	2/2/2021 8:01:00 PM	4-Bromophenyl phenyl ether	n/a	<	3.6	µg/L	EPA 625.1	3.6	10	WKL	
ME-SCR	2020/21-1	Wet	12/28/2020 12:58:00 PM	2/2/2021 8:01:00 PM	4-Chloro-3-methylphenol	n/a	<	2.3	µg/L	EPA 625.1	2.3	10	WKL	
ME-SCR	2020/21-1	Wet	12/28/2020 12:58:00 PM	2/2/2021 12:11:00 AM	4-Chloro-3-methylphenol	n/a	<	3.7	µg/L	EPA 8270C	3.7	10	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
ME-SCR	2020/21-1	Wet	12/28/2020 12:58:00 PM	2/2/2021 8:01:00 PM	4-Chlorophenyl phenyl ether	n/a	<	4.1	µg/L	EPA 625.1	4.1	10	WKL	
ME-SCR	2020/21-1	Wet	12/28/2020 12:58:00 PM	2/2/2021 8:01:00 PM	4-Nitrophenol	n/a	<	12	µg/L	EPA 625.1	12	50	WKL	
ME-SCR	2020/21-1	Wet	12/28/2020 12:58:00 PM	2/2/2021 12:11:00 AM	4-Nitrophenol	n/a	<	10	µg/L	EPA 8270C	10	20	WKL	
ME-SCR	2020/21-1	Wet	12/28/2020 12:58:00 PM	1/30/2021 6:26:00 PM	Acenaphthene	n/a	<	0.28	µg/L	EPA 8270C	0.28	1	WKL	
ME-SCR	2020/21-1	Wet	12/28/2020 12:58:00 PM	2/2/2021 8:01:00 PM	Acenaphthene	n/a	<	3.8	µg/L	EPA 625.1	3.8	10	WKL	
ME-SCR	2020/21-1	Wet	12/28/2020 12:58:00 PM	1/30/2021 6:26:00 PM	Acenaphthylene	n/a	<	0.33	µg/L	EPA 8270C	0.33	1	WKL	
ME-SCR	2020/21-1	Wet	12/28/2020 12:58:00 PM	2/2/2021 8:01:00 PM	Acenaphthylene	n/a	<	1.7	µg/L	EPA 625.1	1.7	10	WKL	
ME-SCR	2020/21-1	Wet	12/28/2020 12:58:00 PM	2/2/2021 8:01:00 PM	Anthracene	n/a	<	1.2	µg/L	EPA 625.1	1.2	10	WKL	
ME-SCR	2020/21-1	Wet	12/28/2020 12:58:00 PM	1/30/2021 6:26:00 PM	Anthracene	n/a	<	0.25	µg/L	EPA 8270C	0.25	1	WKL	
ME-SCR	2020/21-1	Wet	12/28/2020 12:58:00 PM	2/2/2021 8:01:00 PM	Benz(a)anthracene	n/a	<	1.9	µg/L	EPA 625.1	1.9	10	WKL	
ME-SCR	2020/21-1	Wet	12/28/2020 12:58:00 PM	1/30/2021 6:26:00 PM	Benz(a)anthracene	n/a	<	0.51	µg/L	EPA 8270C	0.51	1	WKL	
ME-SCR	2020/21-1	Wet	12/28/2020 12:58:00 PM	2/2/2021 8:01:00 PM	Benzidine	n/a	<	14	µg/L	EPA 625.1	14	100	WKL	
ME-SCR	2020/21-1	Wet	12/28/2020 12:58:00 PM	1/30/2021 6:26:00 PM	Benzo(a)pyrene	n/a	<	0.51	µg/L	EPA 8270C	0.51	1	WKL	
ME-SCR	2020/21-1	Wet	12/28/2020 12:58:00 PM	1/16/2021 1:10:00 AM	Benzo(a)pyrene	n/a	<	0.43	µg/L	EPA 525.2	0.43	2.1	WKL	
ME-SCR	2020/21-1	Wet	12/28/2020 12:58:00 PM	2/2/2021 8:01:00 PM	Benzo(a)pyrene	n/a	<	3.9	µg/L	EPA 625.1	3.9	10	WKL	
ME-SCR	2020/21-1	Wet	12/28/2020 12:58:00 PM	2/2/2021 8:01:00 PM	Benzo(b)fluoranthene	n/a	<	4.6	µg/L	EPA 625.1	4.6	10	WKL	
ME-SCR	2020/21-1	Wet	12/28/2020 12:58:00 PM	1/30/2021 6:26:00 PM	Benzo(b)fluoranthene	n/a	<	0.27	µg/L	EPA 8270C	0.27	1	WKL	
ME-SCR	2020/21-1	Wet	12/28/2020 12:58:00 PM	2/2/2021 8:01:00 PM	Benzo(g,h,i)perylene	n/a	<	4.2	µg/L	EPA 625.1	4.2	20	WKL	
ME-SCR	2020/21-1	Wet	12/28/2020 12:58:00 PM	1/30/2021 6:26:00 PM	Benzo(g,h,i)perylene	n/a	<	0.5	µg/L	EPA 8270C	0.5	1	WKL	
ME-SCR	2020/21-1	Wet	12/28/2020 12:58:00 PM	1/30/2021 6:26:00 PM	Benzo(k)fluoranthene	n/a	<	0.26	µg/L	EPA 8270C	0.26	1	WKL	
ME-SCR	2020/21-1	Wet	12/28/2020 12:58:00 PM	2/2/2021 8:01:00 PM	Benzo(k)fluoranthene	n/a	<	2.2	µg/L	EPA 625.1	2.2	10	WKL	
ME-SCR	2020/21-1	Wet	12/28/2020 12:58:00 PM	2/2/2021 8:01:00 PM	Bis(2-chloroethoxy)methane	n/a	<	2.5	µg/L	EPA 625.1	2.5	10	WKL	
ME-SCR	2020/21-1	Wet	12/28/2020 12:58:00 PM	2/2/2021 8:01:00 PM	Bis(2-chloroethyl)ether	n/a	<	2.7	µg/L	EPA 625.1	2.7	10	WKL	
ME-SCR	2020/21-1	Wet	12/28/2020 12:58:00 PM	2/2/2021 8:01:00 PM	Bis(2-chloroisopropyl)ether	n/a	<	3.8	µg/L	EPA 625.1	3.8	10	WKL	
ME-SCR	2020/21-1	Wet	12/28/2020 12:58:00 PM	1/16/2021 1:10:00 AM	Bis(2-ethylhexyl)adipate	n/a	DNQ	5.9	µg/L	EPA 525.2	2.6	110	WKL	UL-MB
ME-SCR	2020/21-1	Wet	12/28/2020 12:58:00 PM	1/16/2021 1:10:00 AM	Bis(2-ethylhexyl)phthalate	n/a	DNQ	9.2	µg/L	EPA 525.2	8.7	64	WKL	
ME-SCR	2020/21-1	Wet	12/28/2020 12:58:00 PM	2/2/2021 8:01:00 PM	Bis(2-ethylhexyl)phthalate	n/a	<	23	µg/L	EPA 625.1	23	50	WKL	
ME-SCR	2020/21-1	Wet	12/28/2020 12:58:00 PM	2/2/2021 8:01:00 PM	Butyl benzyl phthalate	n/a	<	1.8	µg/L	EPA 625.1	1.8	10	WKL	
ME-SCR	2020/21-1	Wet	12/28/2020 12:58:00 PM	1/30/2021 6:26:00 PM	Chrysene	n/a	<	0.32	µg/L	EPA 8270C	0.32	1	WKL	
ME-SCR	2020/21-1	Wet	12/28/2020 12:58:00 PM	2/2/2021 8:01:00 PM	Chrysene	n/a	<	1.9	µg/L	EPA 625.1	1.9	10	WKL	
ME-SCR	2020/21-1	Wet	12/28/2020 12:58:00 PM	2/2/2021 8:01:00 PM	Dibenz(a,h)anthracene	n/a	<	5.3	µg/L	EPA 625.1	5.3	20	WKL	
ME-SCR	2020/21-1	Wet	12/28/2020 12:58:00 PM	1/30/2021 6:26:00 PM	Dibenz(a,h)anthracene	n/a	<	0.96	µg/L	EPA 8270C	0.96	1	WKL	
ME-SCR	2020/21-1	Wet	12/28/2020 12:58:00 PM	2/2/2021 8:01:00 PM	Diethyl phthalate	n/a	<	1.5	µg/L	EPA 625.1	1.5	10	WKL	
ME-SCR	2020/21-1	Wet	12/28/2020 12:58:00 PM	2/2/2021 8:01:00 PM	Dimethyl phthalate	n/a	<	1.8	µg/L	EPA 625.1	1.8	10	WKL	
ME-SCR	2020/21-1	Wet	12/28/2020 12:58:00 PM	2/2/2021 8:01:00 PM	Di-n-butylphthalate	n/a	<	1	µg/L	EPA 625.1	1	10	WKL	
ME-SCR	2020/21-1	Wet	12/28/2020 12:58:00 PM	2/2/2021 8:01:00 PM	Di-n-octylphthalate	n/a	<	4.6	µg/L	EPA 625.1	4.6	10	WKL	
ME-SCR	2020/21-1	Wet	12/28/2020 12:58:00 PM	1/30/2021 6:26:00 PM	Fluoranthene	n/a	<	0.39	µg/L	EPA 8270C	0.39	1	WKL	
ME-SCR	2020/21-1	Wet	12/28/2020 12:58:00 PM	2/2/2021 8:01:00 PM	Fluoranthene	n/a	<	0.8	µg/L	EPA 625.1	0.8	10	WKL	
ME-SCR	2020/21-1	Wet	12/28/2020 12:58:00 PM	2/2/2021 8:01:00 PM	Fluorene	n/a	<	3.5	µg/L	EPA 625.1	3.5	10	WKL	
ME-SCR	2020/21-1	Wet	12/28/2020 12:58:00 PM	1/30/2021 6:26:00 PM	Fluorene	n/a	<	0.29	µg/L	EPA 8270C	0.29	1	WKL	
ME-SCR	2020/21-1	Wet	12/28/2020 12:58:00 PM	2/2/2021 8:01:00 PM	Hexachlorobenzene	n/a	<	4.9	µg/L	EPA 625.1	4.9	10	WKL	
ME-SCR	2020/21-1	Wet	12/28/2020 12:58:00 PM	2/2/2021 8:01:00 PM	Hexachlorobutadiene	n/a	<	4.7	µg/L	EPA 625.1	4.7	10	WKL	
ME-SCR	2020/21-1	Wet	12/28/2020 12:58:00 PM	2/2/2021 8:01:00 PM	Hexachlorocyclopentadiene	n/a	<	9.8	µg/L	EPA 625.1	9.8	50	WKL	
ME-SCR	2020/21-1	Wet	12/28/2020 12:58:00 PM	2/2/2021 8:01:00 PM	Hexachloroethane	n/a	<	5	µg/L	EPA 625.1	5	10	WKL	
ME-SCR	2020/21-1	Wet	12/28/2020 12:58:00 PM	1/30/2021 6:26:00 PM	Indeno(1,2,3-cd)pyrene	n/a	<	0.65	µg/L	EPA 8270C	0.65	1	WKL	
ME-SCR	2020/21-1	Wet	12/28/2020 12:58:00 PM	2/2/2021 8:01:00 PM	Indeno(1,2,3-cd)pyrene	n/a	<	5.5	µg/L	EPA 625.1	5.5	20	WKL	
ME-SCR	2020/21-1	Wet	12/28/2020 12:58:00 PM	2/2/2021 8:01:00 PM	Isophorone	n/a	<	2.1	µg/L	EPA 625.1	2.1	10	WKL	
ME-SCR	2020/21-1	Wet	12/28/2020 12:58:00 PM	2/2/2021 8:01:00 PM	Naphthalene	n/a	<	4.9	µg/L	EPA 625.1	4.9	10	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
ME-SCR	2020/21-1	Wet	12/28/2020 12:58:00 PM	1/30/2021 6:26:00 PM	Naphthalene	n/a	<	0.26	µg/L	EPA 8270C	0.26	1	WKL	
ME-SCR	2020/21-1	Wet	12/28/2020 12:58:00 PM	2/2/2021 8:01:00 PM	Nitrobenzene	n/a	<	3.6	µg/L	EPA 625.1	3.6	10	WKL	
ME-SCR	2020/21-1	Wet	12/28/2020 12:58:00 PM	2/2/2021 8:01:00 PM	N-Nitrosodimethylamine	n/a	<	5	µg/L	EPA 625.1	5	10	WKL	
ME-SCR	2020/21-1	Wet	12/28/2020 12:58:00 PM	2/2/2021 8:01:00 PM	N-Nitrosodi-N-propylamine	n/a	<	2.6	µg/L	EPA 625.1	2.6	10	WKL	
ME-SCR	2020/21-1	Wet	12/28/2020 12:58:00 PM	2/2/2021 8:01:00 PM	N-Nitrosodiphenylamine	n/a	<	1.9	µg/L	EPA 625.1	1.9	10	WKL	
ME-SCR	2020/21-1	Wet	12/28/2020 12:58:00 PM	2/2/2021 8:01:00 PM	Phenanthrene	n/a	<	3.2	µg/L	EPA 625.1	3.2	10	WKL	
ME-SCR	2020/21-1	Wet	12/28/2020 12:58:00 PM	1/30/2021 6:26:00 PM	Phenanthrene	n/a	<	0.29	µg/L	EPA 8270C	0.29	1	WKL	
ME-SCR	2020/21-1	Wet	12/28/2020 12:58:00 PM	2/2/2021 8:01:00 PM	Phenol	n/a	<	1.6	µg/L	EPA 625.1	1.6	10	WKL	
ME-SCR	2020/21-1	Wet	12/28/2020 12:58:00 PM	2/2/2021 12:11:00 AM	Phenol	n/a	<	3.5	µg/L	EPA 8270C	3.5	10	WKL	
ME-SCR	2020/21-1	Wet	12/28/2020 12:58:00 PM	2/2/2021 8:01:00 PM	Pyrene	n/a	<	2.5	µg/L	EPA 625.1	2.5	10	WKL	
ME-SCR	2020/21-1	Wet	12/28/2020 12:58:00 PM	1/30/2021 6:26:00 PM	Pyrene	n/a	<	0.4	µg/L	EPA 8270C	0.4	1	WKL	
ME-SCR	2020/21-1	Wet	12/28/2020 12:58:00 PM	1/13/2021 12:34:00 AM	PCB Aroclor 1016	n/a	<	5	µg/L	EPA 608.3	5	5	WKL	
ME-SCR	2020/21-1	Wet	12/28/2020 12:58:00 PM	1/13/2021 12:34:00 AM	PCB Aroclor 1221	n/a	<	5	µg/L	EPA 608.3	5	5	WKL	
ME-SCR	2020/21-1	Wet	12/28/2020 12:58:00 PM	1/13/2021 12:34:00 AM	PCB Aroclor 1232	n/a	<	5	µg/L	EPA 608.3	5	5	WKL	
ME-SCR	2020/21-1	Wet	12/28/2020 12:58:00 PM	1/13/2021 12:34:00 AM	PCB Aroclor 1242	n/a	<	5	µg/L	EPA 608.3	5	5	WKL	
ME-SCR	2020/21-1	Wet	12/28/2020 12:58:00 PM	1/13/2021 12:34:00 AM	PCB Aroclor 1248	n/a	<	5	µg/L	EPA 608.3	5	5	WKL	
ME-SCR	2020/21-1	Wet	12/28/2020 12:58:00 PM	1/13/2021 12:34:00 AM	PCB Aroclor 1254	n/a	<	5	µg/L	EPA 608.3	5	5	WKL	
ME-SCR	2020/21-1	Wet	12/28/2020 12:58:00 PM	1/13/2021 12:34:00 AM	PCB Aroclor 1260	n/a	<	5	µg/L	EPA 608.3	5	5	WKL	
ME-SCR	2020/21-1	Wet	12/28/2020 12:58:00 PM	1/8/2021 10:13:00 AM	2,4,5-T	n/a	<	0.28	µg/L	EPA 515.4	0.28	1	WKL	
ME-SCR	2020/21-1	Wet	12/28/2020 12:58:00 PM	1/8/2021 10:13:00 AM	2,4,5-TP	n/a	<	0.23	µg/L	EPA 515.4	0.23	1	WKL	
ME-SCR	2020/21-1	Wet	12/28/2020 12:58:00 PM	1/8/2021 10:13:00 AM	2,4-D	n/a	<	0.7	µg/L	EPA 515.4	0.7	2	WKL	
ME-SCR	2020/21-1	Wet	12/28/2020 12:58:00 PM	1/8/2021 10:13:00 AM	2,4-DB	n/a	<	0.95	µg/L	EPA 515.4	0.95	10	WKL	
ME-SCR	2020/21-1	Wet	12/28/2020 12:58:00 PM	1/8/2021 10:13:00 AM	3,5-Dichlorobenzoic acid	n/a	<	0.6	µg/L	EPA 515.4	0.6	5	WKL	
ME-SCR	2020/21-1	Wet	12/28/2020 12:58:00 PM	1/13/2021 12:34:00 AM	4,4'-DDD	n/a	<	0.007	µg/L	EPA 608.3	0.007	0.5	WKL	
ME-SCR	2020/21-1	Wet	12/28/2020 12:58:00 PM	1/13/2021 12:34:00 AM	4,4'-DDE	n/a	<	0.05	µg/L	EPA 608.3	0.05	0.5	WKL	
ME-SCR	2020/21-1	Wet	12/28/2020 12:58:00 PM	1/13/2021 12:34:00 AM	4,4'-DDT	n/a	<	0.011	µg/L	EPA 608.3	0.011	0.1	WKL	
ME-SCR	2020/21-1	Wet	12/28/2020 12:58:00 PM	1/8/2021 10:13:00 AM	Acifluorfen	n/a	<	0.36	µg/L	EPA 515.4	0.36	2	WKL	
ME-SCR	2020/21-1	Wet	12/28/2020 12:58:00 PM	1/16/2021 1:10:00 AM	Alachlor	n/a	<	0.64	µg/L	EPA 525.2	0.64	2.1	WKL	
ME-SCR	2020/21-1	Wet	12/28/2020 12:58:00 PM	1/13/2021 12:34:00 AM	Aldrin	n/a	<	0.01	µg/L	EPA 608.3	0.01	0.05	WKL	
ME-SCR	2020/21-1	Wet	12/28/2020 12:58:00 PM	1/13/2021 12:34:00 AM	alpha-BHC	n/a	<	0.011	µg/L	EPA 608.3	0.011	0.1	WKL	
ME-SCR	2020/21-1	Wet	12/28/2020 12:58:00 PM	1/13/2021 12:34:00 AM	alpha-Chlordane	n/a	<	0.029	µg/L	EPA 608.3	0.029	0.1	WKL	
ME-SCR	2020/21-1	Wet	12/28/2020 12:58:00 PM	1/16/2021 1:10:00 AM	Atrazine	n/a	<	0.64	µg/L	EPA 525.2	0.64	2.1	WKL	
ME-SCR	2020/21-1	Wet	12/28/2020 12:58:00 PM	1/20/2021 12:54:00 AM	Azinphos methyl	n/a	<	0.28	µg/L	EPA 625.1m	0.28	0.5	WKL	
ME-SCR	2020/21-1	Wet	12/28/2020 12:58:00 PM	1/8/2021 10:13:00 AM	Bentazon	n/a	<	1.2	µg/L	EPA 515.4	1.2	10	WKL	
ME-SCR	2020/21-1	Wet	12/28/2020 12:58:00 PM	1/13/2021 12:34:00 AM	beta-BHC	n/a	<	0.015	µg/L	EPA 608.3	0.015	0.05	WKL	
ME-SCR	2020/21-1	Wet	12/28/2020 12:58:00 PM	1/20/2021 12:54:00 AM	Bolstar	n/a	<	0.23	µg/L	EPA 625.1m	0.23	0.5	WKL	
ME-SCR	2020/21-1	Wet	12/28/2020 12:58:00 PM	1/16/2021 1:10:00 AM	Bromacil	n/a	<	3.4	µg/L	EPA 525.2	3.4	11	WKL	
ME-SCR	2020/21-1	Wet	12/28/2020 12:58:00 PM	1/16/2021 1:10:00 AM	Butachlor	n/a	<	0.64	µg/L	EPA 525.2	0.64	2.1	WKL	
ME-SCR	2020/21-1	Wet	12/28/2020 12:58:00 PM	1/16/2021 1:10:00 AM	Captan	n/a	<	3.4	µg/L	EPA 525.2	3.4	21	WKL	
ME-SCR	2020/21-1	Wet	12/28/2020 12:58:00 PM	1/13/2021 12:34:00 AM	Chlordane (technical)	n/a	<	1	µg/L	EPA 608.3	1	1	WKL	
ME-SCR	2020/21-1	Wet	12/28/2020 12:58:00 PM	1/16/2021 1:10:00 AM	Chlorpropham	n/a	<	0.85	µg/L	EPA 525.2	0.85	2.1	WKL	
ME-SCR	2020/21-1	Wet	12/28/2020 12:58:00 PM	1/20/2021 12:54:00 AM	Chlorpyrifos	n/a	<	0.34	µg/L	EPA 625.1m	0.34	0.5	WKL	
ME-SCR	2020/21-1	Wet	12/28/2020 12:58:00 PM	1/20/2021 12:54:00 AM	Coumaphos	n/a	<	0.26	µg/L	EPA 625.1m	0.26	0.5	WKL	
ME-SCR	2020/21-1	Wet	12/28/2020 12:58:00 PM	1/16/2021 1:10:00 AM	Cyanazine	n/a	<	0.85	µg/L	EPA 525.2	0.85	2.1	WKL	
ME-SCR	2020/21-1	Wet	12/28/2020 12:58:00 PM	1/8/2021 10:13:00 AM	Dalapon	n/a	<	0.55	µg/L	EPA 515.4	0.55	2	WKL	
ME-SCR	2020/21-1	Wet	12/28/2020 12:58:00 PM	1/8/2021 10:13:00 AM	DCPA (Dacthal)	n/a	<	0.26	µg/L	EPA 515.4	0.26	0.5	WKL	
ME-SCR	2020/21-1	Wet	12/28/2020 12:58:00 PM	1/13/2021 12:34:00 AM	delta-BHC	n/a	<	0.05	µg/L	EPA 608.3	0.05	0.05	WKL	
ME-SCR	2020/21-1	Wet	12/28/2020 12:58:00 PM	1/20/2021 12:54:00 AM	Demeton-O	n/a	<	0.5	µg/L	EPA 625.1m	0.5	0.5	WKL	-LCSRPD, LB-L

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
ME-SCR	2020/21-1	Wet	12/28/2020 12:58:00 PM	1/20/2021 12:54:00 AM	Demeton-S	n/a	<	0.5	µg/L	EPA 625.1m	0.5	0.5	WKL	
ME-SCR	2020/21-1	Wet	12/28/2020 12:58:00 PM	1/16/2021 1:10:00 AM	Diazinon	n/a	<	1.1	µg/L	EPA 525.2	1.1	2.1	WKL	
ME-SCR	2020/21-1	Wet	12/28/2020 12:58:00 PM	1/20/2021 12:54:00 AM	Diazinon	n/a	<	0.26	µg/L	EPA 625.1m	0.26	0.5	WKL	EST-LCSRPD
ME-SCR	2020/21-1	Wet	12/28/2020 12:58:00 PM	1/8/2021 10:13:00 AM	Dicamba	n/a	<	0.38	µg/L	EPA 515.4	0.38	3	WKL	
ME-SCR	2020/21-1	Wet	12/28/2020 12:58:00 PM	1/8/2021 10:13:00 AM	Dichlorprop	n/a	<	0.6	µg/L	EPA 515.4	0.6	1.5	WKL	
ME-SCR	2020/21-1	Wet	12/28/2020 12:58:00 PM	1/20/2021 12:54:00 AM	Dichlorvos	n/a	<	0.14	µg/L	EPA 625.1m	0.14	0.5	WKL	
ME-SCR	2020/21-1	Wet	12/28/2020 12:58:00 PM	1/13/2021 12:34:00 AM	Dieldrin	n/a	<	0.05	µg/L	EPA 608.3	0.05	0.1	WKL	
ME-SCR	2020/21-1	Wet	12/28/2020 12:58:00 PM	1/16/2021 1:10:00 AM	Dimethoate	n/a	<	0.43	µg/L	EPA 525.2	0.43	4.3	WKL	LB-LCSR
ME-SCR	2020/21-1	Wet	12/28/2020 12:58:00 PM	1/20/2021 12:54:00 AM	Dimethoate	n/a	<	0.31	µg/L	EPA 625.1m	0.31	0.5	WKL	
ME-SCR	2020/21-1	Wet	12/28/2020 12:58:00 PM	1/8/2021 10:13:00 AM	Dinoseb	n/a	<	0.28	µg/L	EPA 515.4	0.28	2	WKL	
ME-SCR	2020/21-1	Wet	12/28/2020 12:58:00 PM	1/16/2021 1:10:00 AM	Diphenamid	n/a	<	0.64	µg/L	EPA 525.2	0.64	2.1	WKL	
ME-SCR	2020/21-1	Wet	12/28/2020 12:58:00 PM	1/16/2021 1:10:00 AM	Disulfoton	n/a	<	0.85	µg/L	EPA 525.2	0.85	2.1	WKL	
ME-SCR	2020/21-1	Wet	12/28/2020 12:58:00 PM	1/20/2021 12:54:00 AM	Disulfoton	n/a	<	0.5	µg/L	EPA 625.1m	0.5	0.5	WKL	
ME-SCR	2020/21-1	Wet	12/28/2020 12:58:00 PM	1/13/2021 12:34:00 AM	Endosulfan I	n/a	<	0.009	µg/L	EPA 608.3	0.009	0.2	WKL	
ME-SCR	2020/21-1	Wet	12/28/2020 12:58:00 PM	1/13/2021 12:34:00 AM	Endosulfan II	n/a	<	0.007	µg/L	EPA 608.3	0.007	0.1	WKL	
ME-SCR	2020/21-1	Wet	12/28/2020 12:58:00 PM	1/13/2021 12:34:00 AM	Endosulfan sulfate	n/a	<	0.013	µg/L	EPA 608.3	0.013	0.5	WKL	
ME-SCR	2020/21-1	Wet	12/28/2020 12:58:00 PM	1/13/2021 12:34:00 AM	Endrin	n/a	<	0.017	µg/L	EPA 608.3	0.017	0.1	WKL	
ME-SCR	2020/21-1	Wet	12/28/2020 12:58:00 PM	1/13/2021 12:34:00 AM	Endrin aldehyde	n/a	<	0.019	µg/L	EPA 608.3	0.019	0.1	WKL	
ME-SCR	2020/21-1	Wet	12/28/2020 12:58:00 PM	1/16/2021 1:10:00 AM	EPTC	n/a	<	0.43	µg/L	EPA 525.2	0.43	2.1	WKL	
ME-SCR	2020/21-1	Wet	12/28/2020 12:58:00 PM	1/20/2021 12:54:00 AM	Ethoprop	n/a	<	0.34	µg/L	EPA 625.1m	0.34	0.5	WKL	
ME-SCR	2020/21-1	Wet	12/28/2020 12:58:00 PM	1/20/2021 12:54:00 AM	Ethyl parathion	n/a	<	0.27	µg/L	EPA 625.1m	0.27	0.5	WKL	EST-LCSRPD
ME-SCR	2020/21-1	Wet	12/28/2020 12:58:00 PM	1/20/2021 12:54:00 AM	Fensulfathion	n/a	<	0.14	µg/L	EPA 625.1m	0.14	0.5	WKL	
ME-SCR	2020/21-1	Wet	12/28/2020 12:58:00 PM	1/20/2021 12:54:00 AM	Fenthion	n/a	<	0.19	µg/L	EPA 625.1m	0.19	0.5	WKL	
ME-SCR	2020/21-1	Wet	12/28/2020 12:58:00 PM	1/13/2021 12:34:00 AM	gamma-BHC (Lindane)	n/a	<	0.004	µg/L	EPA 608.3	0.004	0.2	WKL	
ME-SCR	2020/21-1	Wet	12/28/2020 12:58:00 PM	1/13/2021 12:34:00 AM	gamma-Chlordane	n/a	<	0.023	µg/L	EPA 608.3	0.023	0.1	WKL	
ME-SCR	2020/21-1	Wet	12/28/2020 12:58:00 PM	12/30/2020 10:52:00 AM	Glyphosate	n/a	DNQ	23	µg/L	EPA 547	18	50	WKL	
ME-SCR	2020/21-1	Wet	12/28/2020 12:58:00 PM	1/13/2021 12:34:00 AM	Heptachlor	n/a	<	0.006	µg/L	EPA 608.3	0.006	0.1	WKL	
ME-SCR	2020/21-1	Wet	12/28/2020 12:58:00 PM	1/13/2021 12:34:00 AM	Heptachlor epoxide	n/a	<	0.004	µg/L	EPA 608.3	0.004	0.1	WKL	
ME-SCR	2020/21-1	Wet	12/28/2020 12:58:00 PM	1/20/2021 12:54:00 AM	Malathion	n/a	<	0.38	µg/L	EPA 625.1m	0.38	0.5	WKL	
ME-SCR	2020/21-1	Wet	12/28/2020 12:58:00 PM	1/20/2021 12:54:00 AM	Merphos	n/a	<	0.29	µg/L	EPA 625.1m	0.29	0.5	WKL	
ME-SCR	2020/21-1	Wet	12/28/2020 12:58:00 PM	1/20/2021 12:54:00 AM	Methyl parathion	n/a	<	0.32	µg/L	EPA 625.1m	0.32	0.5	WKL	
ME-SCR	2020/21-1	Wet	12/28/2020 12:58:00 PM	1/16/2021 1:10:00 AM	Metolachlor	n/a	<	0.64	µg/L	EPA 525.2	0.64	2.1	WKL	
ME-SCR	2020/21-1	Wet	12/28/2020 12:58:00 PM	1/16/2021 1:10:00 AM	Metribuzin	n/a	<	0.64	µg/L	EPA 525.2	0.64	2.1	WKL	
ME-SCR	2020/21-1	Wet	12/28/2020 12:58:00 PM	1/20/2021 12:54:00 AM	Mevinphos	n/a	<	0.21	µg/L	EPA 625.1m	0.21	0.5	WKL	
ME-SCR	2020/21-1	Wet	12/28/2020 12:58:00 PM	1/16/2021 1:10:00 AM	Molinate	n/a	<	0.64	µg/L	EPA 525.2	0.64	2.1	WKL	
ME-SCR	2020/21-1	Wet	12/28/2020 12:58:00 PM	1/20/2021 12:54:00 AM	Naled	n/a	<	0.38	µg/L	EPA 625.1m	0.38	0.5	WKL	
ME-SCR	2020/21-1	Wet	12/28/2020 12:58:00 PM	1/8/2021 10:13:00 AM	Pentachlorophenol	n/a	<	0.23	µg/L	EPA 515.4	0.23	1	WKL	
ME-SCR	2020/21-1	Wet	12/28/2020 12:58:00 PM	2/2/2021 12:11:00 AM	Pentachlorophenol	n/a	<	1.5	µg/L	EPA 8270C	1.5	10	WKL	
ME-SCR	2020/21-1	Wet	12/28/2020 12:58:00 PM	2/2/2021 8:01:00 PM	Pentachlorophenol	n/a	<	4	µg/L	EPA 625.1	4	10	WKL	
ME-SCR	2020/21-1	Wet	12/28/2020 12:58:00 PM	1/20/2021 12:54:00 AM	Phorate	n/a	<	0.15	µg/L	EPA 625.1m	0.15	0.5	WKL	
ME-SCR	2020/21-1	Wet	12/28/2020 12:58:00 PM	1/8/2021 10:13:00 AM	Picloram	n/a	<	0.19	µg/L	EPA 515.4	0.19	3	WKL	
ME-SCR	2020/21-1	Wet	12/28/2020 12:58:00 PM	1/16/2021 1:10:00 AM	Prometon	n/a	<	0.21	µg/L	EPA 525.2	0.21	2.1	WKL	EST-LCSRPD
ME-SCR	2020/21-1	Wet	12/28/2020 12:58:00 PM	1/16/2021 1:10:00 AM	Prometryn	n/a	<	0.64	µg/L	EPA 525.2	0.64	2.1	WKL	EST-LCSRPD
ME-SCR	2020/21-1	Wet	12/28/2020 12:58:00 PM	1/20/2021 12:54:00 AM	Ronnel (Fenchlorphos)	n/a	<	0.2	µg/L	EPA 625.1m	0.2	0.5	WKL	
ME-SCR	2020/21-1	Wet	12/28/2020 12:58:00 PM	1/16/2021 1:10:00 AM	Simazine	n/a	<	0.43	µg/L	EPA 525.2	0.43	2.1	WKL	
ME-SCR	2020/21-1	Wet	12/28/2020 12:58:00 PM	1/20/2021 12:54:00 AM	Stirophos (Tetrachlorvinphos)	n/a	<	0.16	µg/L	EPA 625.1m	0.16	0.5	WKL	
ME-SCR	2020/21-1	Wet	12/28/2020 12:58:00 PM	1/16/2021 1:10:00 AM	Terbacil	n/a	<	1.9	µg/L	EPA 525.2	1.9	43	WKL	
ME-SCR	2020/21-1	Wet	12/28/2020 12:58:00 PM	1/16/2021 1:10:00 AM	Thiobencarb	n/a	<	0.64	µg/L	EPA 525.2	0.64	2.1	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
ME-SCR	2020/21-1	Wet	12/28/2020 12:58:00 PM	1/20/2021 12:54:00 AM	Tokuthion	n/a	<	0.39	µg/L	EPA 625.1m	0.39	0.5	WKL	
ME-SCR	2020/21-1	Wet	12/28/2020 12:58:00 PM	1/13/2021 12:34:00 AM	Toxaphene	n/a	<	25	µg/L	EPA 608.3	25	25	WKL	
ME-SCR	2020/21-1	Wet	12/28/2020 12:58:00 PM	1/20/2021 12:54:00 AM	Trichloronate	n/a	<	0.34	µg/L	EPA 625.1m	0.34	0.5	WKL	
ME-SCR	2020/21-1	Wet	12/28/2020 12:58:00 PM	1/16/2021 1:10:00 AM	Trithion	n/a	<	0.43	µg/L	EPA 525.2	0.43	2.1	WKL	
ME-SCR	2020/21-2	Wet	1/28/2021 10:15:00 PM	1/28/2021 10:15:00 PM	Conductivity	n/a	=	1074	µmhos/cm	Field Meter	-88	1	Field Crew	
ME-SCR	2020/21-2	Wet	1/28/2021 10:15:00 PM	2/3/2021 4:57:00 PM	Cyanide	Total	DNQ	0.0006	mg/L	ASTM D7511	0.0003	0.002	WKL	UL-MB
ME-SCR	2020/21-2	Wet	1/28/2021 10:15:00 PM	1/28/2021 10:15:00 PM	DO	n/a	=	65.1	%	Field Meter	-88	0.1	Field Crew	
ME-SCR	2020/21-2	Wet	1/28/2021 10:15:00 PM	1/28/2021 10:15:00 PM	DO	n/a	=	7.57	mg/L	Field Meter	-88	0.3	Field Crew	
ME-SCR	2020/21-2	Wet	1/28/2021 10:15:00 PM	1/28/2021 10:15:00 PM	pH	n/a	=	7.36	pH Units	Field Meter	-88	0.01	Field Crew	
ME-SCR	2020/21-2	Wet	1/28/2021 10:15:00 PM	1/28/2021 10:15:00 PM	Salinity	n/a	=	700	mg/L	Field Meter	-88	100	Field Crew	
ME-SCR	2020/21-2	Wet	1/28/2021 10:15:00 PM	1/28/2021 10:15:00 PM	Specific Conductance	n/a	=	1460	µmhos/cm	Field Meter	-88	1	Field Crew	
ME-SCR	2020/21-2	Wet	1/28/2021 10:15:00 PM	1/28/2021 10:15:00 PM	Temperature	n/a	=	11.2	°C	Field Meter	-88	0.1	Field Crew	
ME-SCR	2020/21-2	Wet	1/28/2021 10:15:00 PM	1/31/2021 11:18:00 PM	Gasoline Range Organics	n/a	<	0.065	mg/L	LUFT GC/MS	0.065	0.1	WKL	
ME-SCR	2020/21-2	Wet	1/28/2021 10:15:00 PM	2/19/2021 11:29:00 AM	Oil and Grease	n/a	DNQ	1.3	mg/L	EPA 1664B	0.7	5	WKL	
ME-SCR	2020/21-2	Wet	1/28/2021 10:15:00 PM	1/31/2021 12:44:00 PM	2-Chloroethyl vinyl ether	n/a	<	0.19	µg/L	EPA 624.1	0.19	1	WKL	
ME-SCR	2020/21-2	Wet	1/28/2021 10:15:00 PM	1/31/2021 12:44:00 PM	Methyl tert-butyl ether (MTBE)	n/a	<	0.4	µg/L	EPA 624.1	0.4	1	WKL	
ME-SCR	2020/21-2	Wet	1/29/2021 10:45:00 AM	2/3/2021 12:18:00 AM	Chloride	n/a	=	62	mg/L	EPA 300.0	0.17	1	WKL	
ME-SCR	2020/21-2	Wet	1/29/2021 10:45:00 AM	2/3/2021 12:18:00 AM	Fluoride	n/a	=	0.5	mg/L	EPA 300.0	0.018	0.2	WKL	
ME-SCR	2020/21-2	Wet	1/29/2021 10:45:00 AM	2/3/2021 4:17:00 AM	Perchlorate	n/a	<	0.84	µg/L	EPA 314.0	0.84	2	WKL	
ME-SCR	2020/21-2	Wet	1/29/2021 10:45:00 AM	2/5/2021 3:26:00 PM	Calcium	Total	=	83.6	mg/L	EPA 200.7	0.016	0.1	WKL	
ME-SCR	2020/21-2	Wet	1/29/2021 10:45:00 AM	2/5/2021 3:26:00 PM	Magnesium	Total	=	38.7	mg/L	EPA 200.7	0.012	0.1	WKL	
ME-SCR	2020/21-2	Wet	1/29/2021 10:45:00 AM	2/4/2021 11:16:00 AM	Alkalinity as CaCO3	n/a	=	190	mg/L	SM 2320 B	0.56	5	WKL	
ME-SCR	2020/21-2	Wet	1/29/2021 10:45:00 AM	2/4/2021 5:07:00 PM	BOD	n/a	=	3.4	mg/L	SM 5210 B	2	2	WKL	
ME-SCR	2020/21-2	Wet	1/29/2021 10:45:00 AM	2/8/2021 12:20:00 PM	COD	n/a	=	85	mg/L	EPA 410.4	2.9	5	WKL	
ME-SCR	2020/21-2	Wet	1/29/2021 10:45:00 AM	2/5/2021 3:26:00 PM	Hardness as CaCO3	Total	=	368	mg/L	EPA 200.7	0.0894	0.662	WKL	
ME-SCR	2020/21-2	Wet	1/29/2021 10:45:00 AM	1/30/2021 5:47:00 PM	MBAS	n/a	<	0.017	mg/L	SM 5540 C	0.017	0.05	WKL	
ME-SCR	2020/21-2	Wet	1/29/2021 10:45:00 AM	2/5/2021 1:15:00 PM	Phenolics	n/a	=	0.031	mg/L	EPA 420.4	0.0032	0.01	WKL	
ME-SCR	2020/21-2	Wet	1/29/2021 10:45:00 AM	2/3/2021 1:20:00 PM	Specific Conductance	n/a	=	1500	µmhos/cm	SM 2510 B	0.47	4	WKL	
ME-SCR	2020/21-2	Wet	1/29/2021 10:45:00 AM	2/5/2021 8:00:00 AM	Total Dissolved Solids	n/a	=	1100	mg/L	SM 2540 C	4	10	WKL	
ME-SCR	2020/21-2	Wet	1/29/2021 10:45:00 AM	2/5/2021 12:35:00 PM	Total Organic Carbon	n/a	=	5.6	mg/L	SM 5310 B	0.096	0.3	WKL	
ME-SCR	2020/21-2	Wet	1/29/2021 10:45:00 AM	2/5/2021 8:00:00 AM	Total Suspended Solids	n/a	=	6200	mg/L	SM 2540 D	-88	5	WKL	
ME-SCR	2020/21-2	Wet	1/29/2021 10:45:00 AM	1/29/2021 7:43:00 PM	Turbidity	n/a	=	100	NTU	EPA 180.1	0.085	0.5	WKL	
ME-SCR	2020/21-2	Wet	1/29/2021 10:45:00 AM	2/5/2021 8:00:00 AM	Volatile Suspended Solids	n/a	=	490	mg/L	EPA 160.4	3.1	5	WKL	
ME-SCR	2020/21-2	Wet	1/29/2021 10:45:00 AM	2/11/2021 6:59:00 PM	Diesel Range Organics	n/a	DNQ	0.66	mg/L	EPA 8015B	0.32	1	WKL	
ME-SCR	2020/21-2	Wet	1/29/2021 10:45:00 AM	2/11/2021 6:59:00 PM	Oil Range Organics	n/a	<	3.3	mg/L	EPA 8015B	3.3	5	WKL	
ME-SCR	2020/21-2	Wet	1/29/2021 10:45:00 AM	2/10/2021 6:03:00 PM	Aluminum	Dissolved	<	4.4	µg/L	EPA 200.8	4.4	20	WKL	
ME-SCR	2020/21-2	Wet	1/29/2021 10:45:00 AM	2/10/2021 6:14:00 PM	Aluminum	Total	=	45000	µg/L	EPA 200.8	89	400	WKL	
ME-SCR	2020/21-2	Wet	1/29/2021 10:45:00 AM	2/10/2021 6:03:00 PM	Antimony	Dissolved	DNQ	0.25	µg/L	EPA 200.8	0.089	0.5	WKL	
ME-SCR	2020/21-2	Wet	1/29/2021 10:45:00 AM	2/10/2021 6:06:00 PM	Antimony	Total	DNQ	0.58	µg/L	EPA 200.8	0.18	1	WKL	
ME-SCR	2020/21-2	Wet	1/29/2021 10:45:00 AM	2/10/2021 6:03:00 PM	Arsenic	Dissolved	=	0.49	µg/L	EPA 200.8	0.074	0.4	WKL	
ME-SCR	2020/21-2	Wet	1/29/2021 10:45:00 AM	2/10/2021 6:06:00 PM	Arsenic	Total	=	15	µg/L	EPA 200.8	0.15	0.8	WKL	
ME-SCR	2020/21-2	Wet	1/29/2021 10:45:00 AM	2/10/2021 6:06:00 PM	Barium	Total	=	420	µg/L	EPA 200.8	0.28	2	WKL	
ME-SCR	2020/21-2	Wet	1/29/2021 10:45:00 AM	2/10/2021 6:03:00 PM	Beryllium	Dissolved	<	0.062	µg/L	EPA 200.8	0.062	0.1	WKL	
ME-SCR	2020/21-2	Wet	1/29/2021 10:45:00 AM	2/10/2021 6:06:00 PM	Beryllium	Total	=	2.1	µg/L	EPA 200.8	0.12	0.2	WKL	
ME-SCR	2020/21-2	Wet	1/29/2021 10:45:00 AM	2/10/2021 6:03:00 PM	Cadmium	Dissolved	<	0.042	µg/L	EPA 200.8	0.042	0.2	WKL	
ME-SCR	2020/21-2	Wet	1/29/2021 10:45:00 AM	2/10/2021 6:06:00 PM	Cadmium	Total	=	2	µg/L	EPA 200.8	0.083	0.4	WKL	
ME-SCR	2020/21-2	Wet	1/29/2021 10:45:00 AM	2/10/2021 6:03:00 PM	Chromium	Dissolved	DNQ	0.18	µg/L	EPA 200.8	0.089	0.2	WKL	
ME-SCR	2020/21-2	Wet	1/29/2021 10:45:00 AM	2/10/2021 6:06:00 PM	Chromium	Total	=	88	µg/L	EPA 200.8	0.18	0.4	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
ME-SCR	2020/21-2	Wet	1/29/2021 10:45:00 AM	2/3/2021 1:20:00 PM	Chromium VI	n/a	=	0.082	µg/L	EPA 218.6	0.0079	0.02	WKL	
ME-SCR	2020/21-2	Wet	1/29/2021 10:45:00 AM	2/10/2021 6:03:00 PM	Copper	Dissolved	=	1.9	µg/L	EPA 200.8	0.23	0.5	WKL	
ME-SCR	2020/21-2	Wet	1/29/2021 10:45:00 AM	2/10/2021 6:06:00 PM	Copper	Total	=	59	µg/L	EPA 200.8	0.45	1	WKL	
ME-SCR	2020/21-2	Wet	1/29/2021 10:45:00 AM	2/10/2021 6:03:00 PM	Iron	Dissolved	DNQ	7.2	µg/L	EPA 200.8	3.9	20	WKL	
ME-SCR	2020/21-2	Wet	1/29/2021 10:45:00 AM	2/10/2021 6:14:00 PM	Iron	Total	=	74000	µg/L	EPA 200.8	79	400	WKL	
ME-SCR	2020/21-2	Wet	1/29/2021 10:45:00 AM	2/10/2021 6:03:00 PM	Lead	Dissolved	<	0.083	µg/L	EPA 200.8	0.083	0.2	WKL	
ME-SCR	2020/21-2	Wet	1/29/2021 10:45:00 AM	2/10/2021 6:06:00 PM	Lead	Total	=	20	µg/L	EPA 200.8	0.17	0.4	WKL	
ME-SCR	2020/21-2	Wet	1/29/2021 10:45:00 AM	2/8/2021 1:19:00 PM	Mercury	Dissolved	<	17	ng/L	EPA 245.1	17	50	WKL	
ME-SCR	2020/21-2	Wet	1/29/2021 10:45:00 AM	2/8/2021 1:21:00 PM	Mercury	Total	DNQ	96	ng/L	EPA 245.1	34	100	WKL	
ME-SCR	2020/21-2	Wet	1/29/2021 10:45:00 AM	2/10/2021 6:03:00 PM	Nickel	Dissolved	=	3	µg/L	EPA 200.8	0.16	2	WKL	
ME-SCR	2020/21-2	Wet	1/29/2021 10:45:00 AM	2/10/2021 6:06:00 PM	Nickel	Total	=	85	µg/L	EPA 200.8	0.33	4	WKL	
ME-SCR	2020/21-2	Wet	1/29/2021 10:45:00 AM	2/10/2021 6:03:00 PM	Selenium	Dissolved	=	3.1	µg/L	EPA 200.8	0.067	0.4	WKL	
ME-SCR	2020/21-2	Wet	1/29/2021 10:45:00 AM	2/10/2021 6:06:00 PM	Selenium	Total	=	5.5	µg/L	EPA 200.8	0.13	0.8	WKL	
ME-SCR	2020/21-2	Wet	1/29/2021 10:45:00 AM	2/10/2021 6:03:00 PM	Silver	Dissolved	<	0.03	µg/L	EPA 200.8	0.03	0.2	WKL	
ME-SCR	2020/21-2	Wet	1/29/2021 10:45:00 AM	2/10/2021 6:06:00 PM	Silver	Total	DNQ	0.26	µg/L	EPA 200.8	0.06	0.4	WKL	
ME-SCR	2020/21-2	Wet	1/29/2021 10:45:00 AM	2/10/2021 6:03:00 PM	Thallium	Dissolved	<	0.021	µg/L	EPA 200.8	0.021	0.2	WKL	
ME-SCR	2020/21-2	Wet	1/29/2021 10:45:00 AM	2/10/2021 6:06:00 PM	Thallium	Total	=	0.89	µg/L	EPA 200.8	0.042	0.4	WKL	
ME-SCR	2020/21-2	Wet	1/29/2021 10:45:00 AM	2/10/2021 6:03:00 PM	Zinc	Dissolved	DNQ	1.3	µg/L	EPA 200.8	0.8	10	WKL	
ME-SCR	2020/21-2	Wet	1/29/2021 10:45:00 AM	2/10/2021 6:06:00 PM	Zinc	Total	=	210	µg/L	EPA 200.8	1.6	20	WKL	
ME-SCR	2020/21-2	Wet	1/29/2021 10:45:00 AM	2/12/2021 1:09:00 PM	Ammonia as N	n/a	=	0.28	mg/L	EPA 350.1	0.047	0.1	WKL	
ME-SCR	2020/21-2	Wet	1/29/2021 10:45:00 AM	1/30/2021 3:20:00 PM	Nitrate + Nitrite as N	n/a	=	1.9	mg/L	EPA 353.2	0.036	0.2	WKL	
ME-SCR	2020/21-2	Wet	1/29/2021 10:45:00 AM	2/5/2021 3:23:00 PM	Phosphorus as P	Dissolved	DNQ	0.019	mg/L	EPA 200.7	0.012	0.02	WKL	
ME-SCR	2020/21-2	Wet	1/29/2021 10:45:00 AM	2/5/2021 3:26:00 PM	Phosphorus as P	Total	=	0.96	mg/L	EPA 200.7	0.012	0.02	WKL	
ME-SCR	2020/21-2	Wet	1/29/2021 10:45:00 AM	2/4/2021 4:29:00 PM	TKN	n/a	=	0.79	mg/L	EPA 351.2	0.13	0.2	WKL	
ME-SCR	2020/21-2	Wet	1/29/2021 10:45:00 AM	2/9/2021 6:29:00 PM	1,2,4-Trichlorobenzene	n/a	<	24	µg/L	EPA 625.1	24	50	WKL	
ME-SCR	2020/21-2	Wet	1/29/2021 10:45:00 AM	2/9/2021 6:29:00 PM	1,2-Dichlorobenzene	n/a	<	23	µg/L	EPA 625.1	23	50	WKL	
ME-SCR	2020/21-2	Wet	1/29/2021 10:45:00 AM	2/9/2021 6:29:00 PM	1,2-Diphenylhydrazine	n/a	<	15	µg/L	EPA 625.1	15	50	WKL	
ME-SCR	2020/21-2	Wet	1/29/2021 10:45:00 AM	2/9/2021 6:29:00 PM	1,3-Dichlorobenzene	n/a	<	21	µg/L	EPA 625.1	21	50	WKL	
ME-SCR	2020/21-2	Wet	1/29/2021 10:45:00 AM	2/9/2021 6:29:00 PM	1,4-Dichlorobenzene	n/a	<	24	µg/L	EPA 625.1	24	50	WKL	
ME-SCR	2020/21-2	Wet	1/29/2021 10:45:00 AM	2/27/2021 10:38:00 AM	1-Methylnaphthalene	n/a	<	1.2	µg/L	EPA 8270C	1.2	5	WKL	
ME-SCR	2020/21-2	Wet	1/29/2021 10:45:00 AM	3/5/2021 2:08:00 AM	2,4,5-Trichlorophenol	n/a	<	14	µg/L	EPA 8270C	14	50	WKL	
ME-SCR	2020/21-2	Wet	1/29/2021 10:45:00 AM	2/9/2021 6:29:00 PM	2,4,6-Trichlorophenol	n/a	<	11	µg/L	EPA 625.1	11	50	WKL	
ME-SCR	2020/21-2	Wet	1/29/2021 10:45:00 AM	3/5/2021 2:08:00 AM	2,4,6-Trichlorophenol	n/a	<	15	µg/L	EPA 8270C	15	50	WKL	
ME-SCR	2020/21-2	Wet	1/29/2021 10:45:00 AM	2/9/2021 6:29:00 PM	2,4-Dichlorophenol	n/a	<	13	µg/L	EPA 625.1	13	50	WKL	
ME-SCR	2020/21-2	Wet	1/29/2021 10:45:00 AM	3/5/2021 2:08:00 AM	2,4-Dichlorophenol	n/a	<	26	µg/L	EPA 8270C	26	50	WKL	
ME-SCR	2020/21-2	Wet	1/29/2021 10:45:00 AM	3/5/2021 2:08:00 AM	2,4-Dimethylphenol	n/a	<	50	µg/L	EPA 8270C	50	100	WKL	
ME-SCR	2020/21-2	Wet	1/29/2021 10:45:00 AM	2/9/2021 6:29:00 PM	2,4-Dimethylphenol	n/a	<	15	µg/L	EPA 625.1	15	50	WKL	
ME-SCR	2020/21-2	Wet	1/29/2021 10:45:00 AM	3/5/2021 2:08:00 AM	2,4-Dinitrophenol	n/a	<	50	µg/L	EPA 8270C	50	100	WKL	
ME-SCR	2020/21-2	Wet	1/29/2021 10:45:00 AM	2/9/2021 6:29:00 PM	2,4-Dinitrophenol	n/a	<	94	µg/L	EPA 625.1	94	500	WKL	
ME-SCR	2020/21-2	Wet	1/29/2021 10:45:00 AM	2/9/2021 6:29:00 PM	2,4-Dinitrotoluene	n/a	<	9	µg/L	EPA 625.1	9	50	WKL	
ME-SCR	2020/21-2	Wet	1/29/2021 10:45:00 AM	2/9/2021 6:29:00 PM	2,6-Dinitrotoluene	n/a	<	14	µg/L	EPA 625.1	14	50	WKL	
ME-SCR	2020/21-2	Wet	1/29/2021 10:45:00 AM	2/9/2021 6:29:00 PM	2-Chloronaphthalene	n/a	<	22	µg/L	EPA 625.1	22	50	WKL	
ME-SCR	2020/21-2	Wet	1/29/2021 10:45:00 AM	3/5/2021 2:08:00 AM	2-Chlorophenol	n/a	<	32	µg/L	EPA 8270C	32	50	WKL	
ME-SCR	2020/21-2	Wet	1/29/2021 10:45:00 AM	2/9/2021 6:29:00 PM	2-Chlorophenol	n/a	<	14	µg/L	EPA 625.1	14	50	WKL	
ME-SCR	2020/21-2	Wet	1/29/2021 10:45:00 AM	2/27/2021 10:38:00 AM	2-Methylnaphthalene	n/a	<	1.3	µg/L	EPA 8270C	1.3	5	WKL	
ME-SCR	2020/21-2	Wet	1/29/2021 10:45:00 AM	3/5/2021 2:08:00 AM	2-Methylphenol	n/a	<	17	µg/L	EPA 8270C	17	50	WKL	
ME-SCR	2020/21-2	Wet	1/29/2021 10:45:00 AM	3/5/2021 2:08:00 AM	2-Nitrophenol	n/a	<	36	µg/L	EPA 8270C	36	50	WKL	
ME-SCR	2020/21-2	Wet	1/29/2021 10:45:00 AM	2/9/2021 6:29:00 PM	2-Nitrophenol	n/a	<	13	µg/L	EPA 625.1	13	50	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
ME-SCR	2020/21-2	Wet	1/29/2021 10:45:00 AM	2/9/2021 6:29:00 PM	3,3'-Dichlorobenzidine	n/a	<	50	µg/L	EPA 625.1	50	250	WKL	
ME-SCR	2020/21-2	Wet	1/29/2021 10:45:00 AM	3/5/2021 2:08:00 AM	3-/4-Methylphenol	n/a	<	15	µg/L	EPA 8270C	15	50	WKL	
ME-SCR	2020/21-2	Wet	1/29/2021 10:45:00 AM	2/9/2021 6:29:00 PM	4,6-Dinitro-2-methylphenol	n/a	<	70	µg/L	EPA 625.1	70	250	WKL	
ME-SCR	2020/21-2	Wet	1/29/2021 10:45:00 AM	3/5/2021 2:08:00 AM	4,6-Dinitro-2-methylphenol	n/a	<	7	µg/L	EPA 8270C	7	50	WKL	
ME-SCR	2020/21-2	Wet	1/29/2021 10:45:00 AM	2/9/2021 6:29:00 PM	4-Bromophenyl phenyl ether	n/a	<	18	µg/L	EPA 625.1	18	50	WKL	
ME-SCR	2020/21-2	Wet	1/29/2021 10:45:00 AM	3/5/2021 2:08:00 AM	4-Chloro-3-methylphenol	n/a	<	18	µg/L	EPA 8270C	18	50	WKL	
ME-SCR	2020/21-2	Wet	1/29/2021 10:45:00 AM	2/9/2021 6:29:00 PM	4-Chloro-3-methylphenol	n/a	<	12	µg/L	EPA 625.1	12	50	WKL	
ME-SCR	2020/21-2	Wet	1/29/2021 10:45:00 AM	2/9/2021 6:29:00 PM	4-Chlorophenyl phenyl ether	n/a	<	20	µg/L	EPA 625.1	20	50	WKL	
ME-SCR	2020/21-2	Wet	1/29/2021 10:45:00 AM	2/9/2021 6:29:00 PM	4-Nitrophenol	n/a	<	62	µg/L	EPA 625.1	62	250	WKL	
ME-SCR	2020/21-2	Wet	1/29/2021 10:45:00 AM	3/5/2021 2:08:00 AM	4-Nitrophenol	n/a	<	50	µg/L	EPA 8270C	50	100	WKL	
ME-SCR	2020/21-2	Wet	1/29/2021 10:45:00 AM	2/9/2021 6:29:00 PM	Acenaphthene	n/a	<	19	µg/L	EPA 625.1	19	50	WKL	
ME-SCR	2020/21-2	Wet	1/29/2021 10:45:00 AM	2/27/2021 10:38:00 AM	Acenaphthene	n/a	<	1.4	µg/L	EPA 8270C	1.4	5	WKL	
ME-SCR	2020/21-2	Wet	1/29/2021 10:45:00 AM	2/9/2021 6:29:00 PM	Acenaphthylene	n/a	<	8.5	µg/L	EPA 625.1	8.5	50	WKL	
ME-SCR	2020/21-2	Wet	1/29/2021 10:45:00 AM	2/27/2021 10:38:00 AM	Acenaphthylene	n/a	<	1.6	µg/L	EPA 8270C	1.6	5	WKL	
ME-SCR	2020/21-2	Wet	1/29/2021 10:45:00 AM	2/9/2021 6:29:00 PM	Anthracene	n/a	<	6	µg/L	EPA 625.1	6	50	WKL	
ME-SCR	2020/21-2	Wet	1/29/2021 10:45:00 AM	2/27/2021 10:38:00 AM	Anthracene	n/a	<	1.2	µg/L	EPA 8270C	1.2	5	WKL	
ME-SCR	2020/21-2	Wet	1/29/2021 10:45:00 AM	2/9/2021 6:29:00 PM	Benz(a)anthracene	n/a	<	9.5	µg/L	EPA 625.1	9.5	50	WKL	
ME-SCR	2020/21-2	Wet	1/29/2021 10:45:00 AM	2/27/2021 10:38:00 AM	Benz(a)anthracene	n/a	<	2.6	µg/L	EPA 8270C	2.6	5	WKL	
ME-SCR	2020/21-2	Wet	1/29/2021 10:45:00 AM	2/9/2021 6:29:00 PM	Benzidine	n/a	<	72	µg/L	EPA 625.1	72	500	WKL	
ME-SCR	2020/21-2	Wet	1/29/2021 10:45:00 AM	2/9/2021 6:29:00 PM	Benzo(a)pyrene	n/a	<	20	µg/L	EPA 625.1	20	50	WKL	
ME-SCR	2020/21-2	Wet	1/29/2021 10:45:00 AM	2/27/2021 10:38:00 AM	Benzo(a)pyrene	n/a	<	2.6	µg/L	EPA 8270C	2.6	5	WKL	
ME-SCR	2020/21-2	Wet	1/29/2021 10:45:00 AM	2/16/2021 9:38:00 PM	Benzo(a)pyrene	n/a	<	0.4	µg/L	EPA 525.2	0.4	2	WKL	
ME-SCR	2020/21-2	Wet	1/29/2021 10:45:00 AM	2/9/2021 6:29:00 PM	Benzo(b)fluoranthene	n/a	<	23	µg/L	EPA 625.1	23	50	WKL	
ME-SCR	2020/21-2	Wet	1/29/2021 10:45:00 AM	2/27/2021 10:38:00 AM	Benzo(b)fluoranthene	n/a	<	1.4	µg/L	EPA 8270C	1.4	5	WKL	
ME-SCR	2020/21-2	Wet	1/29/2021 10:45:00 AM	2/9/2021 6:29:00 PM	Benzo(g,h,i)perylene	n/a	<	21	µg/L	EPA 625.1	21	100	WKL	
ME-SCR	2020/21-2	Wet	1/29/2021 10:45:00 AM	2/27/2021 10:38:00 AM	Benzo(g,h,i)perylene	n/a	<	2.5	µg/L	EPA 8270C	2.5	5	WKL	
ME-SCR	2020/21-2	Wet	1/29/2021 10:45:00 AM	2/9/2021 6:29:00 PM	Benzo(k)fluoranthene	n/a	<	11	µg/L	EPA 625.1	11	50	WKL	
ME-SCR	2020/21-2	Wet	1/29/2021 10:45:00 AM	2/27/2021 10:38:00 AM	Benzo(k)fluoranthene	n/a	<	1.3	µg/L	EPA 8270C	1.3	5	WKL	
ME-SCR	2020/21-2	Wet	1/29/2021 10:45:00 AM	2/9/2021 6:29:00 PM	Bis(2-chloroethoxy)methane	n/a	<	12	µg/L	EPA 625.1	12	50	WKL	
ME-SCR	2020/21-2	Wet	1/29/2021 10:45:00 AM	2/9/2021 6:29:00 PM	Bis(2-chloroethyl)ether	n/a	<	14	µg/L	EPA 625.1	14	50	WKL	
ME-SCR	2020/21-2	Wet	1/29/2021 10:45:00 AM	2/9/2021 6:29:00 PM	Bis(2-chloroisopropyl)ether	n/a	<	19	µg/L	EPA 625.1	19	50	WKL	
ME-SCR	2020/21-2	Wet	1/29/2021 10:45:00 AM	2/16/2021 9:38:00 PM	Bis(2-ethylhexyl)adipate	n/a	<	2.4	µg/L	EPA 525.2	2.4	100	WKL	
ME-SCR	2020/21-2	Wet	1/29/2021 10:45:00 AM	2/16/2021 9:38:00 PM	Bis(2-ethylhexyl)phthalate	n/a	<	8.2	µg/L	EPA 525.2	8.2	60	WKL	
ME-SCR	2020/21-2	Wet	1/29/2021 10:45:00 AM	2/9/2021 6:29:00 PM	Bis(2-ethylhexyl)phthalate	n/a	DNQ	240	µg/L	EPA 625.1	120	250	WKL	
ME-SCR	2020/21-2	Wet	1/29/2021 10:45:00 AM	2/9/2021 6:29:00 PM	Butyl benzyl phthalate	n/a	<	9	µg/L	EPA 625.1	9	50	WKL	
ME-SCR	2020/21-2	Wet	1/29/2021 10:45:00 AM	2/9/2021 6:29:00 PM	Chrysene	n/a	<	9.5	µg/L	EPA 625.1	9.5	50	WKL	
ME-SCR	2020/21-2	Wet	1/29/2021 10:45:00 AM	2/27/2021 10:38:00 AM	Chrysene	n/a	<	1.6	µg/L	EPA 8270C	1.6	5	WKL	
ME-SCR	2020/21-2	Wet	1/29/2021 10:45:00 AM	2/9/2021 6:29:00 PM	Dibenz(a,h)anthracene	n/a	<	26	µg/L	EPA 625.1	26	100	WKL	
ME-SCR	2020/21-2	Wet	1/29/2021 10:45:00 AM	2/27/2021 10:38:00 AM	Dibenz(a,h)anthracene	n/a	<	4.8	µg/L	EPA 8270C	4.8	5	WKL	
ME-SCR	2020/21-2	Wet	1/29/2021 10:45:00 AM	2/9/2021 6:29:00 PM	Diethyl phthalate	n/a	<	7.5	µg/L	EPA 625.1	7.5	50	WKL	
ME-SCR	2020/21-2	Wet	1/29/2021 10:45:00 AM	2/9/2021 6:29:00 PM	Dimethyl phthalate	n/a	<	9	µg/L	EPA 625.1	9	50	WKL	
ME-SCR	2020/21-2	Wet	1/29/2021 10:45:00 AM	2/9/2021 6:29:00 PM	Di-n-butylphthalate	n/a	<	5	µg/L	EPA 625.1	5	50	WKL	
ME-SCR	2020/21-2	Wet	1/29/2021 10:45:00 AM	2/9/2021 6:29:00 PM	Di-n-octylphthalate	n/a	<	23	µg/L	EPA 625.1	23	50	WKL	
ME-SCR	2020/21-2	Wet	1/29/2021 10:45:00 AM	2/27/2021 10:38:00 AM	Fluoranthene	n/a	<	2	µg/L	EPA 8270C	2	5	WKL	
ME-SCR	2020/21-2	Wet	1/29/2021 10:45:00 AM	2/9/2021 6:29:00 PM	Fluoranthene	n/a	<	4	µg/L	EPA 625.1	4	50	WKL	
ME-SCR	2020/21-2	Wet	1/29/2021 10:45:00 AM	2/9/2021 6:29:00 PM	Fluorene	n/a	<	18	µg/L	EPA 625.1	18	50	WKL	
ME-SCR	2020/21-2	Wet	1/29/2021 10:45:00 AM	2/27/2021 10:38:00 AM	Fluorene	n/a	<	1.4	µg/L	EPA 8270C	1.4	5	WKL	
ME-SCR	2020/21-2	Wet	1/29/2021 10:45:00 AM	2/9/2021 6:29:00 PM	Hexachlorobenzene	n/a	<	24	µg/L	EPA 625.1	24	50	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
ME-SCR	2020/21-2	Wet	1/29/2021 10:45:00 AM	2/9/2021 6:29:00 PM	Hexachlorobutadiene	n/a	<	24	µg/L	EPA 625.1	24	50	WKL	
ME-SCR	2020/21-2	Wet	1/29/2021 10:45:00 AM	2/9/2021 6:29:00 PM	Hexachlorocyclopentadiene	n/a	<	49	µg/L	EPA 625.1	49	250	WKL	
ME-SCR	2020/21-2	Wet	1/29/2021 10:45:00 AM	2/9/2021 6:29:00 PM	Hexachloroethane	n/a	<	25	µg/L	EPA 625.1	25	50	WKL	
ME-SCR	2020/21-2	Wet	1/29/2021 10:45:00 AM	2/27/2021 10:38:00 AM	Indeno(1,2,3-cd)pyrene	n/a	<	3.2	µg/L	EPA 8270C	3.2	5	WKL	
ME-SCR	2020/21-2	Wet	1/29/2021 10:45:00 AM	2/9/2021 6:29:00 PM	Indeno(1,2,3-cd)pyrene	n/a	<	28	µg/L	EPA 625.1	28	100	WKL	
ME-SCR	2020/21-2	Wet	1/29/2021 10:45:00 AM	2/9/2021 6:29:00 PM	Isophorone	n/a	<	10	µg/L	EPA 625.1	10	50	WKL	
ME-SCR	2020/21-2	Wet	1/29/2021 10:45:00 AM	2/9/2021 6:29:00 PM	Naphthalene	n/a	<	24	µg/L	EPA 625.1	24	50	WKL	
ME-SCR	2020/21-2	Wet	1/29/2021 10:45:00 AM	2/27/2021 10:38:00 AM	Naphthalene	n/a	<	1.3	µg/L	EPA 8270C	1.3	5	WKL	
ME-SCR	2020/21-2	Wet	1/29/2021 10:45:00 AM	2/9/2021 6:29:00 PM	Nitrobenzene	n/a	<	18	µg/L	EPA 625.1	18	50	WKL	
ME-SCR	2020/21-2	Wet	1/29/2021 10:45:00 AM	2/9/2021 6:29:00 PM	N-Nitrosodimethylamine	n/a	<	25	µg/L	EPA 625.1	25	50	WKL	
ME-SCR	2020/21-2	Wet	1/29/2021 10:45:00 AM	2/9/2021 6:29:00 PM	N-Nitrosodi-N-propylamine	n/a	<	13	µg/L	EPA 625.1	13	50	WKL	
ME-SCR	2020/21-2	Wet	1/29/2021 10:45:00 AM	2/9/2021 6:29:00 PM	N-Nitrosodiphenylamine	n/a	<	9.5	µg/L	EPA 625.1	9.5	50	WKL	
ME-SCR	2020/21-2	Wet	1/29/2021 10:45:00 AM	2/27/2021 10:38:00 AM	Phenanthrene	n/a	<	1.4	µg/L	EPA 8270C	1.4	5	WKL	
ME-SCR	2020/21-2	Wet	1/29/2021 10:45:00 AM	2/9/2021 6:29:00 PM	Phenanthrene	n/a	<	16	µg/L	EPA 625.1	16	50	WKL	
ME-SCR	2020/21-2	Wet	1/29/2021 10:45:00 AM	2/9/2021 6:29:00 PM	Phenol	n/a	<	8	µg/L	EPA 625.1	8	50	WKL	
ME-SCR	2020/21-2	Wet	1/29/2021 10:45:00 AM	3/5/2021 2:08:00 AM	Phenol	n/a	<	18	µg/L	EPA 8270C	18	50	WKL	
ME-SCR	2020/21-2	Wet	1/29/2021 10:45:00 AM	2/9/2021 6:29:00 PM	Pyrene	n/a	<	12	µg/L	EPA 625.1	12	50	WKL	
ME-SCR	2020/21-2	Wet	1/29/2021 10:45:00 AM	2/27/2021 10:38:00 AM	Pyrene	n/a	<	2	µg/L	EPA 8270C	2	5	WKL	
ME-SCR	2020/21-2	Wet	1/29/2021 10:45:00 AM	2/16/2021 9:15:00 PM	PCB Aroclor 1016	n/a	<	4	µg/L	EPA 608.3	4	10	WKL	
ME-SCR	2020/21-2	Wet	1/29/2021 10:45:00 AM	2/16/2021 9:15:00 PM	PCB Aroclor 1221	n/a	<	4	µg/L	EPA 608.3	4	10	WKL	
ME-SCR	2020/21-2	Wet	1/29/2021 10:45:00 AM	2/16/2021 9:15:00 PM	PCB Aroclor 1232	n/a	<	4	µg/L	EPA 608.3	4	10	WKL	
ME-SCR	2020/21-2	Wet	1/29/2021 10:45:00 AM	2/16/2021 9:15:00 PM	PCB Aroclor 1242	n/a	<	4	µg/L	EPA 608.3	4	10	WKL	
ME-SCR	2020/21-2	Wet	1/29/2021 10:45:00 AM	2/16/2021 9:15:00 PM	PCB Aroclor 1248	n/a	<	4	µg/L	EPA 608.3	4	10	WKL	
ME-SCR	2020/21-2	Wet	1/29/2021 10:45:00 AM	2/16/2021 9:15:00 PM	PCB Aroclor 1254	n/a	<	4	µg/L	EPA 608.3	4	10	WKL	
ME-SCR	2020/21-2	Wet	1/29/2021 10:45:00 AM	2/16/2021 9:15:00 PM	PCB Aroclor 1260	n/a	<	4	µg/L	EPA 608.3	4	10	WKL	
ME-SCR	2020/21-2	Wet	1/29/2021 10:45:00 AM	2/13/2021 1:23:00 AM	2,4,5-T	n/a	<	0.28	µg/L	EPA 515.4	0.28	1	WKL	
ME-SCR	2020/21-2	Wet	1/29/2021 10:45:00 AM	2/13/2021 1:23:00 AM	2,4,5-TP	n/a	<	0.23	µg/L	EPA 515.4	0.23	1	WKL	
ME-SCR	2020/21-2	Wet	1/29/2021 10:45:00 AM	2/13/2021 1:23:00 AM	2,4-D	n/a	<	0.7	µg/L	EPA 515.4	0.7	2	WKL	
ME-SCR	2020/21-2	Wet	1/29/2021 10:45:00 AM	2/13/2021 1:23:00 AM	2,4-DB	n/a	<	0.95	µg/L	EPA 515.4	0.95	10	WKL	
ME-SCR	2020/21-2	Wet	1/29/2021 10:45:00 AM	2/13/2021 1:23:00 AM	3,5-Dichlorobenzoic acid	n/a	<	0.6	µg/L	EPA 515.4	0.6	5	WKL	
ME-SCR	2020/21-2	Wet	1/29/2021 10:45:00 AM	2/16/2021 9:15:00 PM	4,4'-DDD	n/a	<	0.014	µg/L	EPA 608.3	0.014	1	WKL	
ME-SCR	2020/21-2	Wet	1/29/2021 10:45:00 AM	2/16/2021 9:15:00 PM	4,4'-DDE	n/a	<	0.014	µg/L	EPA 608.3	0.014	1	WKL	
ME-SCR	2020/21-2	Wet	1/29/2021 10:45:00 AM	2/16/2021 9:15:00 PM	4,4'-DDT	n/a	<	0.022	µg/L	EPA 608.3	0.022	0.2	WKL	
ME-SCR	2020/21-2	Wet	1/29/2021 10:45:00 AM	2/13/2021 1:23:00 AM	Acifluorfen	n/a	<	0.36	µg/L	EPA 515.4	0.36	2	WKL	
ME-SCR	2020/21-2	Wet	1/29/2021 10:45:00 AM	2/16/2021 9:38:00 PM	Alachlor	n/a	<	0.6	µg/L	EPA 525.2	0.6	2	WKL	
ME-SCR	2020/21-2	Wet	1/29/2021 10:45:00 AM	2/16/2021 9:15:00 PM	Aldrin	n/a	<	0.02	µg/L	EPA 608.3	0.02	0.1	WKL	
ME-SCR	2020/21-2	Wet	1/29/2021 10:45:00 AM	2/16/2021 9:15:00 PM	alpha-BHC	n/a	<	0.022	µg/L	EPA 608.3	0.022	0.2	WKL	
ME-SCR	2020/21-2	Wet	1/29/2021 10:45:00 AM	2/16/2021 9:15:00 PM	alpha-Chlordane	n/a	<	0.058	µg/L	EPA 608.3	0.058	0.2	WKL	
ME-SCR	2020/21-2	Wet	1/29/2021 10:45:00 AM	2/16/2021 9:38:00 PM	Atrazine	n/a	<	0.6	µg/L	EPA 525.2	0.6	2	WKL	
ME-SCR	2020/21-2	Wet	1/29/2021 10:45:00 AM	2/3/2021 6:04:00 PM	Azinphos methyl	n/a	<	0.11	µg/L	EPA 625.1m	0.11	0.2	WKL	
ME-SCR	2020/21-2	Wet	1/29/2021 10:45:00 AM	2/13/2021 1:23:00 AM	Bentazon	n/a	<	1.2	µg/L	EPA 515.4	1.2	10	WKL	
ME-SCR	2020/21-2	Wet	1/29/2021 10:45:00 AM	2/16/2021 9:15:00 PM	beta-BHC	n/a	<	0.03	µg/L	EPA 608.3	0.03	0.1	WKL	
ME-SCR	2020/21-2	Wet	1/29/2021 10:45:00 AM	2/3/2021 6:04:00 PM	Bolstar	n/a	<	0.092	µg/L	EPA 625.1m	0.092	0.2	WKL	
ME-SCR	2020/21-2	Wet	1/29/2021 10:45:00 AM	2/16/2021 9:38:00 PM	Bromacil	n/a	<	3.2	µg/L	EPA 525.2	3.2	10	WKL	
ME-SCR	2020/21-2	Wet	1/29/2021 10:45:00 AM	2/16/2021 9:38:00 PM	Butachlor	n/a	<	0.6	µg/L	EPA 525.2	0.6	2	WKL	
ME-SCR	2020/21-2	Wet	1/29/2021 10:45:00 AM	2/16/2021 9:38:00 PM	Captan	n/a	<	3.2	µg/L	EPA 525.2	3.2	20	WKL	
ME-SCR	2020/21-2	Wet	1/29/2021 10:45:00 AM	2/16/2021 9:15:00 PM	Chlordane (technical)	n/a	<	10	µg/L	EPA 608.3	10	10	WKL	
ME-SCR	2020/21-2	Wet	1/29/2021 10:45:00 AM	2/16/2021 9:38:00 PM	Chlorpropham	n/a	<	0.8	µg/L	EPA 525.2	0.8	2	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
ME-SCR	2020/21-2	Wet	1/29/2021 10:45:00 AM	2/3/2021 6:04:00 PM	Chlorpyrifos	n/a	<	0.14	µg/L	EPA 625.1m	0.14	0.2	WKL	
ME-SCR	2020/21-2	Wet	1/29/2021 10:45:00 AM	2/3/2021 6:04:00 PM	Coumaphos	n/a	<	0.1	µg/L	EPA 625.1m	0.1	0.2	WKL	
ME-SCR	2020/21-2	Wet	1/29/2021 10:45:00 AM	2/16/2021 9:38:00 PM	Cyanazine	n/a	<	0.8	µg/L	EPA 525.2	0.8	2	WKL	
ME-SCR	2020/21-2	Wet	1/29/2021 10:45:00 AM	2/13/2021 1:23:00 AM	Dalapon	n/a	<	0.55	µg/L	EPA 515.4	0.55	2	WKL	
ME-SCR	2020/21-2	Wet	1/29/2021 10:45:00 AM	2/13/2021 1:23:00 AM	DCPA (Dacthal)	n/a	<	0.26	µg/L	EPA 515.4	0.26	0.5	WKL	
ME-SCR	2020/21-2	Wet	1/29/2021 10:45:00 AM	2/16/2021 9:15:00 PM	delta-BHC	n/a	<	0.038	µg/L	EPA 608.3	0.038	0.1	WKL	
ME-SCR	2020/21-2	Wet	1/29/2021 10:45:00 AM	2/3/2021 6:04:00 PM	Demeton-O	n/a	<	0.2	µg/L	EPA 625.1m	0.2	0.2	WKL	
ME-SCR	2020/21-2	Wet	1/29/2021 10:45:00 AM	2/4/2021 11:50:00 AM	Demeton-S	n/a	<	0.2	µg/L	EPA 625.1m	0.2	0.2	WKL	
ME-SCR	2020/21-2	Wet	1/29/2021 10:45:00 AM	2/16/2021 9:38:00 PM	Diazinon	n/a	<	1	µg/L	EPA 525.2	1	2	WKL	
ME-SCR	2020/21-2	Wet	1/29/2021 10:45:00 AM	2/3/2021 6:04:00 PM	Diazinon	n/a	<	0.1	µg/L	EPA 625.1m	0.1	0.2	WKL	
ME-SCR	2020/21-2	Wet	1/29/2021 10:45:00 AM	2/13/2021 1:23:00 AM	Dicamba	n/a	<	0.38	µg/L	EPA 515.4	0.38	3	WKL	
ME-SCR	2020/21-2	Wet	1/29/2021 10:45:00 AM	2/13/2021 1:23:00 AM	Dichlorprop	n/a	<	0.6	µg/L	EPA 515.4	0.6	1.5	WKL	
ME-SCR	2020/21-2	Wet	1/29/2021 10:45:00 AM	2/3/2021 6:04:00 PM	Dichlorvos	n/a	<	0.058	µg/L	EPA 625.1m	0.058	0.2	WKL	
ME-SCR	2020/21-2	Wet	1/29/2021 10:45:00 AM	2/16/2021 9:15:00 PM	Dieldrin	n/a	<	0.016	µg/L	EPA 608.3	0.016	0.2	WKL	
ME-SCR	2020/21-2	Wet	1/29/2021 10:45:00 AM	2/16/2021 9:38:00 PM	Dimethoate	n/a	<	0.4	µg/L	EPA 525.2	0.4	4	WKL	
ME-SCR	2020/21-2	Wet	1/29/2021 10:45:00 AM	2/4/2021 11:50:00 AM	Dimethoate	n/a	<	0.12	µg/L	EPA 625.1m	0.12	0.2	WKL	
ME-SCR	2020/21-2	Wet	1/29/2021 10:45:00 AM	2/13/2021 1:23:00 AM	Dinoseb	n/a	<	0.28	µg/L	EPA 515.4	0.28	2	WKL	
ME-SCR	2020/21-2	Wet	1/29/2021 10:45:00 AM	2/16/2021 9:38:00 PM	Diphenamid	n/a	<	0.6	µg/L	EPA 525.2	0.6	2	WKL	
ME-SCR	2020/21-2	Wet	1/29/2021 10:45:00 AM	2/16/2021 9:38:00 PM	Disulfoton	n/a	<	0.8	µg/L	EPA 525.2	0.8	2	WKL	
ME-SCR	2020/21-2	Wet	1/29/2021 10:45:00 AM	2/3/2021 6:04:00 PM	Disulfoton	n/a	<	0.2	µg/L	EPA 625.1m	0.2	0.2	WKL	
ME-SCR	2020/21-2	Wet	1/29/2021 10:45:00 AM	2/16/2021 9:15:00 PM	Endosulfan I	n/a	<	0.018	µg/L	EPA 608.3	0.018	0.4	WKL	
ME-SCR	2020/21-2	Wet	1/29/2021 10:45:00 AM	2/16/2021 9:15:00 PM	Endosulfan II	n/a	<	0.014	µg/L	EPA 608.3	0.014	0.2	WKL	
ME-SCR	2020/21-2	Wet	1/29/2021 10:45:00 AM	2/16/2021 9:15:00 PM	Endosulfan sulfate	n/a	<	0.026	µg/L	EPA 608.3	0.026	1	WKL	
ME-SCR	2020/21-2	Wet	1/29/2021 10:45:00 AM	2/16/2021 9:15:00 PM	Endrin	n/a	<	0.034	µg/L	EPA 608.3	0.034	0.2	WKL	
ME-SCR	2020/21-2	Wet	1/29/2021 10:45:00 AM	2/16/2021 9:15:00 PM	Endrin aldehyde	n/a	<	0.038	µg/L	EPA 608.3	0.038	0.2	WKL	
ME-SCR	2020/21-2	Wet	1/29/2021 10:45:00 AM	2/16/2021 9:38:00 PM	EPTC	n/a	<	0.4	µg/L	EPA 525.2	0.4	2	WKL	
ME-SCR	2020/21-2	Wet	1/29/2021 10:45:00 AM	2/3/2021 6:04:00 PM	Ethoprop	n/a	<	0.13	µg/L	EPA 625.1m	0.13	0.2	WKL	
ME-SCR	2020/21-2	Wet	1/29/2021 10:45:00 AM	2/3/2021 6:04:00 PM	Ethyl parathion	n/a	<	0.11	µg/L	EPA 625.1m	0.11	0.2	WKL	
ME-SCR	2020/21-2	Wet	1/29/2021 10:45:00 AM	2/3/2021 6:04:00 PM	Fensulfthion	n/a	<	0.058	µg/L	EPA 625.1m	0.058	0.2	WKL	
ME-SCR	2020/21-2	Wet	1/29/2021 10:45:00 AM	2/3/2021 6:04:00 PM	Fenthion	n/a	<	0.076	µg/L	EPA 625.1m	0.076	0.2	WKL	
ME-SCR	2020/21-2	Wet	1/29/2021 10:45:00 AM	2/16/2021 9:15:00 PM	gamma-BHC (Lindane)	n/a	<	0.4	µg/L	EPA 608.3	0.4	0.4	WKL	
ME-SCR	2020/21-2	Wet	1/29/2021 10:45:00 AM	2/16/2021 9:15:00 PM	gamma-Chlordane	n/a	<	0.046	µg/L	EPA 608.3	0.046	0.2	WKL	
ME-SCR	2020/21-2	Wet	1/29/2021 10:45:00 AM	2/3/2021 3:43:00 PM	Glyphosate	n/a	<	9	µg/L	EPA 547	9	25	WKL	
ME-SCR	2020/21-2	Wet	1/29/2021 10:45:00 AM	2/16/2021 9:15:00 PM	Heptachlor	n/a	<	0.012	µg/L	EPA 608.3	0.012	0.2	WKL	
ME-SCR	2020/21-2	Wet	1/29/2021 10:45:00 AM	2/16/2021 9:15:00 PM	Heptachlor epoxide	n/a	<	0.008	µg/L	EPA 608.3	0.008	0.2	WKL	
ME-SCR	2020/21-2	Wet	1/29/2021 10:45:00 AM	2/4/2021 11:50:00 AM	Malathion	n/a	<	0.15	µg/L	EPA 625.1m	0.15	0.2	WKL	
ME-SCR	2020/21-2	Wet	1/29/2021 10:45:00 AM	2/3/2021 6:04:00 PM	Merphos	n/a	<	0.12	µg/L	EPA 625.1m	0.12	0.2	WKL	
ME-SCR	2020/21-2	Wet	1/29/2021 10:45:00 AM	2/16/2021 9:15:00 PM	Methoxychlor	n/a	<	0.028	µg/L	EPA 608.3	0.028	0.4	WKL	
ME-SCR	2020/21-2	Wet	1/29/2021 10:45:00 AM	2/4/2021 11:50:00 AM	Methyl parathion	n/a	<	0.13	µg/L	EPA 625.1m	0.13	0.2	WKL	
ME-SCR	2020/21-2	Wet	1/29/2021 10:45:00 AM	2/16/2021 9:38:00 PM	Metolachlor	n/a	<	0.6	µg/L	EPA 525.2	0.6	2	WKL	
ME-SCR	2020/21-2	Wet	1/29/2021 10:45:00 AM	2/16/2021 9:38:00 PM	Metribuzin	n/a	<	0.6	µg/L	EPA 525.2	0.6	2	WKL	
ME-SCR	2020/21-2	Wet	1/29/2021 10:45:00 AM	2/3/2021 6:04:00 PM	Mevinphos	n/a	<	0.084	µg/L	EPA 625.1m	0.084	0.2	WKL	
ME-SCR	2020/21-2	Wet	1/29/2021 10:45:00 AM	2/16/2021 9:38:00 PM	Molinate	n/a	<	0.6	µg/L	EPA 525.2	0.6	2	WKL	
ME-SCR	2020/21-2	Wet	1/29/2021 10:45:00 AM	2/3/2021 6:04:00 PM	Naled	n/a	<	0.15	µg/L	EPA 625.1m	0.15	0.2	WKL	
ME-SCR	2020/21-2	Wet	1/29/2021 10:45:00 AM	2/13/2021 1:23:00 AM	Pentachlorophenol	n/a	<	0.23	µg/L	EPA 515.4	0.23	1	WKL	
ME-SCR	2020/21-2	Wet	1/29/2021 10:45:00 AM	2/9/2021 6:29:00 PM	Pentachlorophenol	n/a	<	20	µg/L	EPA 625.1	20	50	WKL	
ME-SCR	2020/21-2	Wet	1/29/2021 10:45:00 AM	3/5/2021 2:08:00 AM	Pentachlorophenol	n/a	<	7.5	µg/L	EPA 8270C	7.5	50	WKL	
ME-SCR	2020/21-2	Wet	1/29/2021 10:45:00 AM	2/3/2021 6:04:00 PM	Phorate	n/a	<	0.06	µg/L	EPA 625.1m	0.06	0.2	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
ME-SCR	2020/21-2	Wet	1/29/2021 10:45:00 AM	2/13/2021 1:23:00 AM	Picloram	n/a	<	0.19	µg/L	EPA 515.4	0.19	3	WKL	
ME-SCR	2020/21-2	Wet	1/29/2021 10:45:00 AM	2/16/2021 9:38:00 PM	Prometon	n/a	<	0.2	µg/L	EPA 525.2	0.2	2	WKL	
ME-SCR	2020/21-2	Wet	1/29/2021 10:45:00 AM	2/16/2021 9:38:00 PM	Prometryn	n/a	<	0.6	µg/L	EPA 525.2	0.6	2	WKL	
ME-SCR	2020/21-2	Wet	1/29/2021 10:45:00 AM	2/3/2021 6:04:00 PM	Ronnel (Fenchlorphos)	n/a	<	0.082	µg/L	EPA 625.1m	0.082	0.2	WKL	
ME-SCR	2020/21-2	Wet	1/29/2021 10:45:00 AM	2/16/2021 9:38:00 PM	Simazine	n/a	DNQ	1.8	µg/L	EPA 525.2	0.4	2	WKL	
ME-SCR	2020/21-2	Wet	1/29/2021 10:45:00 AM	2/3/2021 6:04:00 PM	Stirophos (Tetrachlorvinphos)	n/a	<	0.062	µg/L	EPA 625.1m	0.062	0.2	WKL	
ME-SCR	2020/21-2	Wet	1/29/2021 10:45:00 AM	2/16/2021 9:38:00 PM	Terbacil	n/a	<	1.8	µg/L	EPA 525.2	1.8	40	WKL	
ME-SCR	2020/21-2	Wet	1/29/2021 10:45:00 AM	2/16/2021 9:38:00 PM	Thiobencarb	n/a	<	0.6	µg/L	EPA 525.2	0.6	2	WKL	
ME-SCR	2020/21-2	Wet	1/29/2021 10:45:00 AM	2/3/2021 6:04:00 PM	Tokuthion	n/a	<	0.16	µg/L	EPA 625.1m	0.16	0.2	WKL	
ME-SCR	2020/21-2	Wet	1/29/2021 10:45:00 AM	2/16/2021 9:15:00 PM	Toxaphene	n/a	<	20	µg/L	EPA 608.3	20	20	WKL	
ME-SCR	2020/21-2	Wet	1/29/2021 10:45:00 AM	2/3/2021 6:04:00 PM	Trichloronate	n/a	<	0.13	µg/L	EPA 625.1m	0.13	0.2	WKL	
ME-SCR	2020/21-2	Wet	1/29/2021 10:45:00 AM	2/16/2021 9:38:00 PM	Trithion	n/a	<	0.4	µg/L	EPA 525.2	0.4	2	WKL	
ME-SCR	2020/21-3	Wet	3/10/2021 3:50:00 AM	3/10/2021 3:50:00 AM	Conductivity	n/a	=	1328	µmhos/cm	Field Meter	-88	1	Field Crew	
ME-SCR	2020/21-3	Wet	3/10/2021 3:50:00 AM	3/15/2021 3:20:00 AM	Cyanide	Total	<	0.0003	mg/L	ASTM D7511	0.0003	0.002	WKL	
ME-SCR	2020/21-3	Wet	3/10/2021 3:50:00 AM	3/10/2021 3:50:00 AM	DO	n/a	=	72.3	%	Field Meter	-88	0.1	Field Crew	
ME-SCR	2020/21-3	Wet	3/10/2021 3:50:00 AM	3/10/2021 3:50:00 AM	DO	n/a	=	7.64	mg/L	Field Meter	-88	0.3	Field Crew	
ME-SCR	2020/21-3	Wet	3/10/2021 3:50:00 AM	3/10/2021 3:50:00 AM	pH	n/a	=	7.84	pH Units	Field Meter	-88	0.01	Field Crew	
ME-SCR	2020/21-3	Wet	3/10/2021 3:50:00 AM	3/10/2021 3:50:00 AM	Salinity	n/a	=	900	mg/L	Field Meter	-88	100	Field Crew	
ME-SCR	2020/21-3	Wet	3/10/2021 3:50:00 AM	3/10/2021 3:50:00 AM	Specific Conductance	n/a	=	1737	µmhos/cm	Field Meter	-88	1	Field Crew	
ME-SCR	2020/21-3	Wet	3/10/2021 3:50:00 AM	3/10/2021 3:50:00 AM	Temperature	n/a	=	12.6	°C	Field Meter	-88	0.1	Field Crew	
ME-SCR	2020/21-3	Wet	3/10/2021 3:50:00 AM	3/26/2021 12:04:00 PM	Oil and Grease	n/a	DNQ	1.4	mg/L	EPA 1664B	0.7	5	WKL	
ME-SCR	2020/21-3	Wet	3/10/2021 1:40:00 PM	3/12/2021 10:27:00 PM	Chloride	n/a	=	87	mg/L	EPA 300.0	0.17	1	WKL	
ME-SCR	2020/21-3	Wet	3/10/2021 1:40:00 PM	3/12/2021 10:27:00 PM	Fluoride	n/a	=	0.59	mg/L	EPA 300.0	0.018	0.2	WKL	
ME-SCR	2020/21-3	Wet	3/10/2021 1:40:00 PM	3/19/2021 11:00:00 PM	Perchlorate	n/a	<	0.84	µg/L	EPA 314.0	0.84	2	WKL	
ME-SCR	2020/21-3	Wet	3/10/2021 1:40:00 PM	3/19/2021 6:10:00 PM	Calcium	Total	=	171	mg/L	EPA 200.7	0.16	0.5	WKL	
ME-SCR	2020/21-3	Wet	3/10/2021 1:40:00 PM	3/19/2021 6:10:00 PM	Magnesium	Total	=	68.9	mg/L	EPA 200.7	0.039	0.5	WKL	
ME-SCR	2020/21-3	Wet	3/10/2021 1:40:00 PM	3/11/2021 11:45:00 AM	Alkalinity as CaCO3	n/a	=	270	mg/L	SM 2320 B	0.56	5	WKL	
ME-SCR	2020/21-3	Wet	3/10/2021 1:40:00 PM	3/16/2021 3:54:00 PM	BOD	n/a	<	2	mg/L	SM 5210 B	2	2	WKL	
ME-SCR	2020/21-3	Wet	3/10/2021 1:40:00 PM	3/18/2021 11:54:00 AM	COD	n/a	=	7.3	mg/L	EPA 410.4	2.9	5	WKL	
ME-SCR	2020/21-3	Wet	3/10/2021 1:40:00 PM	3/19/2021 6:10:00 PM	Hardness as CaCO3	Total	=	712	mg/L	EPA 200.7	0.56	3.31	WKL	
ME-SCR	2020/21-3	Wet	3/10/2021 1:40:00 PM	3/11/2021 8:59:00 PM	MBAS	n/a	DNQ	0.03	mg/L	SM 5540 C	0.017	0.05	WKL	
ME-SCR	2020/21-3	Wet	3/10/2021 1:40:00 PM	3/19/2021 1:50:00 PM	Phenolics	n/a	<	0.0032	mg/L	EPA 420.4	0.0032	0.01	WKL	
ME-SCR	2020/21-3	Wet	3/10/2021 1:40:00 PM	3/15/2021 1:39:00 PM	Specific Conductance	n/a	=	1900	µmhos/cm	SM 2510 B	0.47	4	WKL	
ME-SCR	2020/21-3	Wet	3/10/2021 1:40:00 PM	3/15/2021 6:00:00 PM	Total Dissolved Solids	n/a	=	1300	mg/L	SM 2540 C	4	10	WKL	
ME-SCR	2020/21-3	Wet	3/10/2021 1:40:00 PM	4/5/2021	Total Organic Carbon	n/a	=	4.1	mg/L	SM 5310 B	1	1	WKL	
ME-SCR	2020/21-3	Wet	3/10/2021 1:40:00 PM	3/12/2021 4:29:00 PM	Total Suspended Solids	n/a	DNQ	2	mg/L	SM 2540 D	-88	5	WKL	
ME-SCR	2020/21-3	Wet	3/10/2021 1:40:00 PM	3/11/2021 4:55:00 PM	Turbidity	n/a	=	1.4	NTU	EPA 180.1	0.017	0.1	WKL	
ME-SCR	2020/21-3	Wet	3/10/2021 1:40:00 PM	3/12/2021 4:29:00 PM	Volatile Suspended Solids	n/a	<	3.1	mg/L	EPA 160.4	3.1	5	WKL	
ME-SCR	2020/21-3	Wet	3/10/2021 1:40:00 PM	3/25/2021 8:39:00 PM	Diesel Range Organics	n/a	DNQ	0.079	mg/L	EPA 8015B	0.032	0.1	WKL	UL-MB
ME-SCR	2020/21-3	Wet	3/10/2021 1:40:00 PM	3/25/2021 8:39:00 PM	Oil Range Organics	n/a	<	0.33	mg/L	EPA 8015B	0.33	0.5	WKL	
ME-SCR	2020/21-3	Wet	3/10/2021 1:40:00 PM	3/17/2021 3:45:00 PM	Aluminum	Dissolved	<	4.4	µg/L	EPA 200.8	4.4	20	WKL	
ME-SCR	2020/21-3	Wet	3/10/2021 1:40:00 PM	3/17/2021 3:48:00 PM	Aluminum	Total	=	57	µg/L	EPA 200.8	4.4	20	WKL	
ME-SCR	2020/21-3	Wet	3/10/2021 1:40:00 PM	3/17/2021 3:45:00 PM	Antimony	Dissolved	DNQ	0.23	µg/L	EPA 200.8	0.089	0.5	WKL	
ME-SCR	2020/21-3	Wet	3/10/2021 1:40:00 PM	3/17/2021 3:48:00 PM	Antimony	Total	DNQ	0.23	µg/L	EPA 200.8	0.089	0.5	WKL	
ME-SCR	2020/21-3	Wet	3/10/2021 1:40:00 PM	3/17/2021 3:45:00 PM	Arsenic	Dissolved	=	0.64	µg/L	EPA 200.8	0.074	0.4	WKL	
ME-SCR	2020/21-3	Wet	3/10/2021 1:40:00 PM	3/17/2021 3:48:00 PM	Arsenic	Total	=	0.64	µg/L	EPA 200.8	0.074	0.4	WKL	
ME-SCR	2020/21-3	Wet	3/10/2021 1:40:00 PM	3/17/2021 3:48:00 PM	Barium	Total	=	35	µg/L	EPA 200.8	0.14	1	WKL	
ME-SCR	2020/21-3	Wet	3/10/2021 1:40:00 PM	3/17/2021 3:45:00 PM	Beryllium	Dissolved	<	0.062	µg/L	EPA 200.8	0.062	0.1	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
ME-SCR	2020/21-3	Wet	3/10/2021 1:40:00 PM	3/17/2021 3:48:00 PM	Beryllium	Total	<	0.062	µg/L	EPA 200.8	0.062	0.1	WKL	
ME-SCR	2020/21-3	Wet	3/10/2021 1:40:00 PM	3/17/2021 3:45:00 PM	Cadmium	Dissolved	DNQ	0.044	µg/L	EPA 200.8	0.042	0.2	WKL	
ME-SCR	2020/21-3	Wet	3/10/2021 1:40:00 PM	3/17/2021 3:48:00 PM	Cadmium	Total	DNQ	0.056	µg/L	EPA 200.8	0.042	0.2	WKL	
ME-SCR	2020/21-3	Wet	3/10/2021 1:40:00 PM	3/17/2021 3:45:00 PM	Chromium	Dissolved	DNQ	0.096	µg/L	EPA 200.8	0.089	0.2	WKL	UL-MB
ME-SCR	2020/21-3	Wet	3/10/2021 1:40:00 PM	3/17/2021 3:48:00 PM	Chromium	Total	DNQ	0.17	µg/L	EPA 200.8	0.089	0.2	WKL	
ME-SCR	2020/21-3	Wet	3/10/2021 1:40:00 PM	3/22/2021 1:27:00 PM	Chromium VI	n/a	<	0.0079	µg/L	EPA 218.6	0.0079	0.02	WKL	
ME-SCR	2020/21-3	Wet	3/10/2021 1:40:00 PM	3/17/2021 3:45:00 PM	Copper	Dissolved	=	1.4	µg/L	EPA 200.8	0.23	0.5	WKL	
ME-SCR	2020/21-3	Wet	3/10/2021 1:40:00 PM	3/17/2021 3:48:00 PM	Copper	Total	=	1.4	µg/L	EPA 200.8	0.23	0.5	WKL	
ME-SCR	2020/21-3	Wet	3/10/2021 1:40:00 PM	3/17/2021 3:45:00 PM	Iron	Dissolved	DNQ	9.8	µg/L	EPA 200.8	3.9	20	WKL	
ME-SCR	2020/21-3	Wet	3/10/2021 1:40:00 PM	3/17/2021 3:48:00 PM	Iron	Total	=	100	µg/L	EPA 200.8	3.9	20	WKL	
ME-SCR	2020/21-3	Wet	3/10/2021 1:40:00 PM	3/17/2021 3:45:00 PM	Lead	Dissolved	<	0.083	µg/L	EPA 200.8	0.083	0.2	WKL	
ME-SCR	2020/21-3	Wet	3/10/2021 1:40:00 PM	3/17/2021 3:48:00 PM	Lead	Total	DNQ	0.095	µg/L	EPA 200.8	0.083	0.2	WKL	
ME-SCR	2020/21-3	Wet	3/10/2021 1:40:00 PM	3/18/2021 2:56:00 PM	Mercury	Dissolved	<	17	ng/L	EPA 245.1	17	50	WKL	
ME-SCR	2020/21-3	Wet	3/10/2021 1:40:00 PM	3/18/2021 2:57:00 PM	Mercury	Total	<	17	ng/L	EPA 245.1	17	50	WKL	
ME-SCR	2020/21-3	Wet	3/10/2021 1:40:00 PM	3/17/2021 3:45:00 PM	Nickel	Dissolved	DNQ	1.8	µg/L	EPA 200.8	0.16	2	WKL	UL-MB
ME-SCR	2020/21-3	Wet	3/10/2021 1:40:00 PM	3/17/2021 3:48:00 PM	Nickel	Total	=	2.4	µg/L	EPA 200.8	0.16	2	WKL	
ME-SCR	2020/21-3	Wet	3/10/2021 1:40:00 PM	3/17/2021 3:45:00 PM	Selenium	Dissolved	=	4.2	µg/L	EPA 200.8	0.067	0.4	WKL	
ME-SCR	2020/21-3	Wet	3/10/2021 1:40:00 PM	3/17/2021 3:48:00 PM	Selenium	Total	=	4.1	µg/L	EPA 200.8	0.067	0.4	WKL	
ME-SCR	2020/21-3	Wet	3/10/2021 1:40:00 PM	3/17/2021 3:45:00 PM	Silver	Dissolved	DNQ	0.19	µg/L	EPA 200.8	0.03	0.2	WKL	
ME-SCR	2020/21-3	Wet	3/10/2021 1:40:00 PM	3/17/2021 3:48:00 PM	Silver	Total	DNQ	0.046	µg/L	EPA 200.8	0.03	0.2	WKL	
ME-SCR	2020/21-3	Wet	3/10/2021 1:40:00 PM	3/17/2021 3:45:00 PM	Thallium	Dissolved	<	0.021	µg/L	EPA 200.8	0.021	0.2	WKL	
ME-SCR	2020/21-3	Wet	3/10/2021 1:40:00 PM	3/17/2021 3:48:00 PM	Thallium	Total	<	0.021	µg/L	EPA 200.8	0.021	0.2	WKL	
ME-SCR	2020/21-3	Wet	3/10/2021 1:40:00 PM	3/17/2021 3:45:00 PM	Zinc	Dissolved	DNQ	2.8	µg/L	EPA 200.8	0.8	10	WKL	
ME-SCR	2020/21-3	Wet	3/10/2021 1:40:00 PM	3/17/2021 3:48:00 PM	Zinc	Total	DNQ	1.8	µg/L	EPA 200.8	0.8	10	WKL	
ME-SCR	2020/21-3	Wet	3/10/2021 1:40:00 PM	3/18/2021 3:10:00 PM	Ammonia as N	n/a	<	0.047	mg/L	EPA 350.1	0.047	0.1	WKL	
ME-SCR	2020/21-3	Wet	3/10/2021 1:40:00 PM	3/11/2021 9:26:00 PM	Nitrate + Nitrite as N	n/a	=	1.7	mg/L	EPA 353.2	0.036	0.2	WKL	
ME-SCR	2020/21-3	Wet	3/10/2021 1:40:00 PM	3/19/2021 6:07:00 PM	Phosphorus as P	Dissolved	<	0.012	mg/L	EPA 200.7	0.012	0.02	WKL	
ME-SCR	2020/21-3	Wet	3/10/2021 1:40:00 PM	3/19/2021 6:10:00 PM	Phosphorus as P	Total	<	0.018	mg/L	EPA 200.7	0.018	0.05	WKL	
ME-SCR	2020/21-3	Wet	3/10/2021 1:40:00 PM	3/19/2021 3:51:00 PM	TKN	n/a	=	0.33	mg/L	EPA 351.2	0.065	0.1	WKL	
ME-SCR	2020/21-3	Wet	3/10/2021 1:40:00 PM	4/1/2021 11:51:00 PM	1,2,4-Trichlorobenzene	n/a	<	0.49	µg/L	EPA 625.1	0.49	1	WKL	
ME-SCR	2020/21-3	Wet	3/10/2021 1:40:00 PM	4/1/2021 11:51:00 PM	1,2-Dichlorobenzene	n/a	<	0.46	µg/L	EPA 625.1	0.46	1	WKL	
ME-SCR	2020/21-3	Wet	3/10/2021 1:40:00 PM	4/1/2021 11:51:00 PM	1,2-Diphenylhydrazine	n/a	<	0.3	µg/L	EPA 625.1	0.3	1	WKL	
ME-SCR	2020/21-3	Wet	3/10/2021 1:40:00 PM	4/1/2021 11:51:00 PM	1,3-Dichlorobenzene	n/a	<	0.42	µg/L	EPA 625.1	0.42	1	WKL	
ME-SCR	2020/21-3	Wet	3/10/2021 1:40:00 PM	4/1/2021 11:51:00 PM	1,4-Dichlorobenzene	n/a	<	0.48	µg/L	EPA 625.1	0.48	1	WKL	
ME-SCR	2020/21-3	Wet	3/10/2021 1:40:00 PM	3/27/2021 1:56:00 AM	1-Methylnaphthalene	n/a	<	0.024	µg/L	EPA 8270C	0.024	0.1	WKL	
ME-SCR	2020/21-3	Wet	3/10/2021 1:40:00 PM	3/26/2021 12:53:00 AM	2,4,5-Trichlorophenol	n/a	<	0.29	µg/L	EPA 8270C	0.29	1	WKL	
ME-SCR	2020/21-3	Wet	3/10/2021 1:40:00 PM	3/26/2021 12:53:00 AM	2,4,6-Trichlorophenol	n/a	<	0.3	µg/L	EPA 8270C	0.3	1	WKL	
ME-SCR	2020/21-3	Wet	3/10/2021 1:40:00 PM	4/1/2021 11:51:00 PM	2,4,6-Trichlorophenol	n/a	<	0.22	µg/L	EPA 625.1	0.22	1	WKL	
ME-SCR	2020/21-3	Wet	3/10/2021 1:40:00 PM	4/1/2021 11:51:00 PM	2,4-Dichlorophenol	n/a	<	0.26	µg/L	EPA 625.1	0.26	1	WKL	
ME-SCR	2020/21-3	Wet	3/10/2021 1:40:00 PM	3/26/2021 12:53:00 AM	2,4-Dichlorophenol	n/a	<	0.51	µg/L	EPA 8270C	0.51	1	WKL	
ME-SCR	2020/21-3	Wet	3/10/2021 1:40:00 PM	4/1/2021 11:51:00 PM	2,4-Dimethylphenol	n/a	<	0.3	µg/L	EPA 625.1	0.3	1	WKL	
ME-SCR	2020/21-3	Wet	3/10/2021 1:40:00 PM	3/26/2021 12:53:00 AM	2,4-Dimethylphenol	n/a	<	1	µg/L	EPA 8270C	1	2	WKL	
ME-SCR	2020/21-3	Wet	3/10/2021 1:40:00 PM	4/1/2021 11:51:00 PM	2,4-Dinitrophenol	n/a	<	1.9	µg/L	EPA 625.1	1.9	10	WKL	
ME-SCR	2020/21-3	Wet	3/10/2021 1:40:00 PM	3/26/2021 12:53:00 AM	2,4-Dinitrophenol	n/a	<	1	µg/L	EPA 8270C	1	2	WKL	
ME-SCR	2020/21-3	Wet	3/10/2021 1:40:00 PM	4/1/2021 11:51:00 PM	2,4-Dinitrotoluene	n/a	<	0.18	µg/L	EPA 625.1	0.18	1	WKL	
ME-SCR	2020/21-3	Wet	3/10/2021 1:40:00 PM	4/1/2021 11:51:00 PM	2,6-Dinitrotoluene	n/a	<	0.27	µg/L	EPA 625.1	0.27	1	WKL	
ME-SCR	2020/21-3	Wet	3/10/2021 1:40:00 PM	4/1/2021 11:51:00 PM	2-Chloronaphthalene	n/a	<	0.45	µg/L	EPA 625.1	0.45	1	WKL	
ME-SCR	2020/21-3	Wet	3/10/2021 1:40:00 PM	4/1/2021 11:51:00 PM	2-Chlorophenol	n/a	<	0.28	µg/L	EPA 625.1	0.28	1	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
ME-SCR	2020/21-3	Wet	3/10/2021 1:40:00 PM	3/26/2021 12:53:00 AM	2-Chlorophenol	n/a	<	0.65	µg/L	EPA 8270C	0.65	1	WKL	
ME-SCR	2020/21-3	Wet	3/10/2021 1:40:00 PM	3/27/2021 1:56:00 AM	2-Methylnaphthalene	n/a	<	0.026	µg/L	EPA 8270C	0.026	0.1	WKL	
ME-SCR	2020/21-3	Wet	3/10/2021 1:40:00 PM	3/26/2021 12:53:00 AM	2-Methylphenol	n/a	<	0.34	µg/L	EPA 8270C	0.34	1	WKL	
ME-SCR	2020/21-3	Wet	3/10/2021 1:40:00 PM	4/1/2021 11:51:00 PM	2-Nitrophenol	n/a	<	0.26	µg/L	EPA 625.1	0.26	1	WKL	
ME-SCR	2020/21-3	Wet	3/10/2021 1:40:00 PM	3/26/2021 12:53:00 AM	2-Nitrophenol	n/a	<	0.71	µg/L	EPA 8270C	0.71	1	WKL	
ME-SCR	2020/21-3	Wet	3/10/2021 1:40:00 PM	4/1/2021 11:51:00 PM	3,3'-Dichlorobenzidine	n/a	<	0.99	µg/L	EPA 625.1	0.99	5	WKL	
ME-SCR	2020/21-3	Wet	3/10/2021 1:40:00 PM	3/26/2021 12:53:00 AM	3-/4-Methylphenol	n/a	<	0.3	µg/L	EPA 8270C	0.3	1	WKL	
ME-SCR	2020/21-3	Wet	3/10/2021 1:40:00 PM	3/26/2021 12:53:00 AM	4,6-Dinitro-2-methylphenol	n/a	<	0.14	µg/L	EPA 8270C	0.14	1	WKL	
ME-SCR	2020/21-3	Wet	3/10/2021 1:40:00 PM	4/1/2021 11:51:00 PM	4,6-Dinitro-2-methylphenol	n/a	<	1.4	µg/L	EPA 625.1	1.4	5	WKL	
ME-SCR	2020/21-3	Wet	3/10/2021 1:40:00 PM	4/1/2021 11:51:00 PM	4-Bromophenyl phenyl ether	n/a	<	0.36	µg/L	EPA 625.1	0.36	1	WKL	
ME-SCR	2020/21-3	Wet	3/10/2021 1:40:00 PM	4/1/2021 11:51:00 PM	4-Chloro-3-methylphenol	n/a	<	0.23	µg/L	EPA 625.1	0.23	1	WKL	
ME-SCR	2020/21-3	Wet	3/10/2021 1:40:00 PM	3/26/2021 12:53:00 AM	4-Chloro-3-methylphenol	n/a	<	0.37	µg/L	EPA 8270C	0.37	1	WKL	
ME-SCR	2020/21-3	Wet	3/10/2021 1:40:00 PM	4/1/2021 11:51:00 PM	4-Chlorophenyl phenyl ether	n/a	<	0.41	µg/L	EPA 625.1	0.41	1	WKL	
ME-SCR	2020/21-3	Wet	3/10/2021 1:40:00 PM	4/1/2021 11:51:00 PM	4-Nitrophenol	n/a	<	1.2	µg/L	EPA 625.1	1.2	5	WKL	
ME-SCR	2020/21-3	Wet	3/10/2021 1:40:00 PM	3/26/2021 12:53:00 AM	4-Nitrophenol	n/a	<	1	µg/L	EPA 8270C	1	2	WKL	
ME-SCR	2020/21-3	Wet	3/10/2021 1:40:00 PM	4/1/2021 11:51:00 PM	Acenaphthene	n/a	<	0.38	µg/L	EPA 625.1	0.38	1	WKL	
ME-SCR	2020/21-3	Wet	3/10/2021 1:40:00 PM	3/27/2021 1:56:00 AM	Acenaphthene	n/a	<	0.028	µg/L	EPA 8270C	0.028	0.1	WKL	
ME-SCR	2020/21-3	Wet	3/10/2021 1:40:00 PM	3/27/2021 1:56:00 AM	Acenaphthylene	n/a	<	0.033	µg/L	EPA 8270C	0.033	0.1	WKL	
ME-SCR	2020/21-3	Wet	3/10/2021 1:40:00 PM	4/1/2021 11:51:00 PM	Acenaphthylene	n/a	<	0.17	µg/L	EPA 625.1	0.17	1	WKL	
ME-SCR	2020/21-3	Wet	3/10/2021 1:40:00 PM	4/1/2021 11:51:00 PM	Anthracene	n/a	<	0.12	µg/L	EPA 625.1	0.12	1	WKL	
ME-SCR	2020/21-3	Wet	3/10/2021 1:40:00 PM	3/27/2021 1:56:00 PM	Anthracene	n/a	<	0.025	µg/L	EPA 8270C	0.025	0.1	WKL	
ME-SCR	2020/21-3	Wet	3/10/2021 1:40:00 PM	4/1/2021 11:51:00 PM	Benz(a)anthracene	n/a	<	0.19	µg/L	EPA 625.1	0.19	1	WKL	
ME-SCR	2020/21-3	Wet	3/10/2021 1:40:00 PM	3/27/2021 1:56:00 AM	Benz(a)anthracene	n/a	<	0.051	µg/L	EPA 8270C	0.051	0.1	WKL	
ME-SCR	2020/21-3	Wet	3/10/2021 1:40:00 PM	4/1/2021 11:51:00 PM	Benzidine	n/a	<	1.4	µg/L	EPA 625.1	1.4	10	WKL	
ME-SCR	2020/21-3	Wet	3/10/2021 1:40:00 PM	3/22/2021 10:53:00 PM	Benzo(a)pyrene	n/a	DNQ	0.096	µg/L	EPA 525.2	0.02	0.1	WKL	
ME-SCR	2020/21-3	Wet	3/10/2021 1:40:00 PM	4/1/2021 11:51:00 PM	Benzo(a)pyrene	n/a	<	0.39	µg/L	EPA 625.1	0.39	1	WKL	
ME-SCR	2020/21-3	Wet	3/10/2021 1:40:00 PM	3/27/2021 1:56:00 AM	Benzo(a)pyrene	n/a	<	0.051	µg/L	EPA 8270C	0.051	0.1	WKL	
ME-SCR	2020/21-3	Wet	3/10/2021 1:40:00 PM	3/27/2021 1:56:00 AM	Benzo(b)fluoranthene	n/a	DNQ	0.031	µg/L	EPA 8270C	0.027	0.1	WKL	UL-IP, UL-MB
ME-SCR	2020/21-3	Wet	3/10/2021 1:40:00 PM	4/1/2021 11:51:00 PM	Benzo(b)fluoranthene	n/a	<	0.46	µg/L	EPA 625.1	0.46	1	WKL	
ME-SCR	2020/21-3	Wet	3/10/2021 1:40:00 PM	4/1/2021 11:51:00 PM	Benzo(g,h,i)perylene	n/a	<	0.42	µg/L	EPA 625.1	0.42	2	WKL	
ME-SCR	2020/21-3	Wet	3/10/2021 1:40:00 PM	3/27/2021 1:56:00 AM	Benzo(g,h,i)perylene	n/a	<	0.05	µg/L	EPA 8270C	0.05	0.1	WKL	
ME-SCR	2020/21-3	Wet	3/10/2021 1:40:00 PM	4/1/2021 11:51:00 PM	Benzo(k)fluoranthene	n/a	<	0.22	µg/L	EPA 625.1	0.22	1	WKL	
ME-SCR	2020/21-3	Wet	3/10/2021 1:40:00 PM	3/27/2021 1:56:00 AM	Benzo(k)fluoranthene	n/a	DNQ	0.03	µg/L	EPA 8270C	0.026	0.1	WKL	UL-IP, UL-MB
ME-SCR	2020/21-3	Wet	3/10/2021 1:40:00 PM	4/1/2021 11:51:00 PM	Bis(2-chloroethoxy)methane	n/a	<	0.25	µg/L	EPA 625.1	0.25	1	WKL	
ME-SCR	2020/21-3	Wet	3/10/2021 1:40:00 PM	4/1/2021 11:51:00 PM	Bis(2-chloroethyl)ether	n/a	<	0.27	µg/L	EPA 625.1	0.27	1	WKL	
ME-SCR	2020/21-3	Wet	3/10/2021 1:40:00 PM	4/1/2021 11:51:00 PM	Bis(2-chloroisopropyl)ether	n/a	<	0.38	µg/L	EPA 625.1	0.38	1	WKL	
ME-SCR	2020/21-3	Wet	3/10/2021 1:40:00 PM	3/22/2021 10:53:00 PM	Bis(2-ethylhexyl)adipate	n/a	DNQ	0.9	µg/L	EPA 525.2	0.12	5	WKL	UL-MB
ME-SCR	2020/21-3	Wet	3/10/2021 1:40:00 PM	4/1/2021 11:51:00 PM	Bis(2-ethylhexyl)phthalate	n/a	<	2.3	µg/L	EPA 625.1	2.3	5	WKL	
ME-SCR	2020/21-3	Wet	3/10/2021 1:40:00 PM	3/22/2021 10:53:00 PM	Bis(2-ethylhexyl)phthalate	n/a	DNQ	0.51	µg/L	EPA 525.2	0.41	3	WKL	UL-MB
ME-SCR	2020/21-3	Wet	3/10/2021 1:40:00 PM	4/1/2021 11:51:00 PM	Butyl benzyl phthalate	n/a	DNQ	0.42	µg/L	EPA 625.1	0.18	1	WKL	
ME-SCR	2020/21-3	Wet	3/10/2021 1:40:00 PM	3/27/2021 1:56:00 AM	Chrysene	n/a	<	0.032	µg/L	EPA 8270C	0.032	0.1	WKL	
ME-SCR	2020/21-3	Wet	3/10/2021 1:40:00 PM	4/1/2021 11:51:00 PM	Chrysene	n/a	<	0.19	µg/L	EPA 625.1	0.19	1	WKL	
ME-SCR	2020/21-3	Wet	3/10/2021 1:40:00 PM	4/1/2021 11:51:00 PM	Dibenz(a,h)anthracene	n/a	<	0.53	µg/L	EPA 625.1	0.53	2	WKL	
ME-SCR	2020/21-3	Wet	3/10/2021 1:40:00 PM	3/27/2021 1:56:00 AM	Dibenz(a,h)anthracene	n/a	<	0.096	µg/L	EPA 8270C	0.096	0.1	WKL	
ME-SCR	2020/21-3	Wet	3/10/2021 1:40:00 PM	4/1/2021 11:51:00 PM	Diethyl phthalate	n/a	DNQ	0.23	µg/L	EPA 625.1	0.15	1	WKL	
ME-SCR	2020/21-3	Wet	3/10/2021 1:40:00 PM	4/1/2021 11:51:00 PM	Dimethyl phthalate	n/a	<	0.18	µg/L	EPA 625.1	0.18	1	WKL	
ME-SCR	2020/21-3	Wet	3/10/2021 1:40:00 PM	4/1/2021 11:51:00 PM	Di-n-butylphthalate	n/a	DNQ	0.11	µg/L	EPA 625.1	0.1	1	WKL	
ME-SCR	2020/21-3	Wet	3/10/2021 1:40:00 PM	4/1/2021 11:51:00 PM	Di-n-octylphthalate	n/a	<	0.46	µg/L	EPA 625.1	0.46	1	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
ME-SCR	2020/21-3	Wet	3/10/2021 1:40:00 PM	3/27/2021 1:56:00 AM	Fluoranthene	n/a	<	0.039	µg/L	EPA 8270C	0.039	0.1	WKL	
ME-SCR	2020/21-3	Wet	3/10/2021 1:40:00 PM	4/1/2021 11:51:00 PM	Fluoranthene	n/a	<	0.08	µg/L	EPA 625.1	0.08	1	WKL	
ME-SCR	2020/21-3	Wet	3/10/2021 1:40:00 PM	4/1/2021 11:51:00 PM	Fluorene	n/a	<	0.35	µg/L	EPA 625.1	0.35	1	WKL	
ME-SCR	2020/21-3	Wet	3/10/2021 1:40:00 PM	3/27/2021 1:56:00 AM	Fluorene	n/a	<	0.029	µg/L	EPA 8270C	0.029	0.1	WKL	
ME-SCR	2020/21-3	Wet	3/10/2021 1:40:00 PM	4/1/2021 11:51:00 PM	Hexachlorobenzene	n/a	<	0.49	µg/L	EPA 625.1	0.49	1	WKL	
ME-SCR	2020/21-3	Wet	3/10/2021 1:40:00 PM	4/1/2021 11:51:00 PM	Hexachlorobutadiene	n/a	<	0.47	µg/L	EPA 625.1	0.47	1	WKL	
ME-SCR	2020/21-3	Wet	3/10/2021 1:40:00 PM	4/1/2021 11:51:00 PM	Hexachlorocyclopentadiene	n/a	<	0.98	µg/L	EPA 625.1	0.98	5	WKL	
ME-SCR	2020/21-3	Wet	3/10/2021 1:40:00 PM	4/1/2021 11:51:00 PM	Hexachloroethane	n/a	<	0.5	µg/L	EPA 625.1	0.5	1	WKL	
ME-SCR	2020/21-3	Wet	3/10/2021 1:40:00 PM	4/1/2021 11:51:00 PM	Indeno(1,2,3-cd)pyrene	n/a	<	0.55	µg/L	EPA 625.1	0.55	2	WKL	
ME-SCR	2020/21-3	Wet	3/10/2021 1:40:00 PM	3/27/2021 1:56:00 AM	Indeno(1,2,3-cd)pyrene	n/a	<	0.065	µg/L	EPA 8270C	0.065	0.1	WKL	
ME-SCR	2020/21-3	Wet	3/10/2021 1:40:00 PM	4/1/2021 11:51:00 PM	Isophorone	n/a	<	0.21	µg/L	EPA 625.1	0.21	1	WKL	
ME-SCR	2020/21-3	Wet	3/10/2021 1:40:00 PM	4/1/2021 11:51:00 PM	Naphthalene	n/a	<	0.49	µg/L	EPA 625.1	0.49	1	WKL	
ME-SCR	2020/21-3	Wet	3/10/2021 1:40:00 PM	3/27/2021 1:56:00 AM	Naphthalene	n/a	<	0.026	µg/L	EPA 8270C	0.026	0.1	WKL	
ME-SCR	2020/21-3	Wet	3/10/2021 1:40:00 PM	4/1/2021 11:51:00 PM	Nitrobenzene	n/a	<	0.36	µg/L	EPA 625.1	0.36	1	WKL	
ME-SCR	2020/21-3	Wet	3/10/2021 1:40:00 PM	4/1/2021 11:51:00 PM	N-Nitrosodimethylamine	n/a	<	0.5	µg/L	EPA 625.1	0.5	1	WKL	
ME-SCR	2020/21-3	Wet	3/10/2021 1:40:00 PM	4/1/2021 11:51:00 PM	N-Nitrosodi-N-propylamine	n/a	<	0.26	µg/L	EPA 625.1	0.26	1	WKL	
ME-SCR	2020/21-3	Wet	3/10/2021 1:40:00 PM	4/1/2021 11:51:00 PM	N-Nitrosodiphenylamine	n/a	<	0.19	µg/L	EPA 625.1	0.19	1	WKL	
ME-SCR	2020/21-3	Wet	3/10/2021 1:40:00 PM	4/1/2021 11:51:00 PM	Phenanthrene	n/a	<	0.32	µg/L	EPA 625.1	0.32	1	WKL	
ME-SCR	2020/21-3	Wet	3/10/2021 1:40:00 PM	3/27/2021 1:56:00 AM	Phenanthrene	n/a	<	0.029	µg/L	EPA 8270C	0.029	0.1	WKL	
ME-SCR	2020/21-3	Wet	3/10/2021 1:40:00 PM	4/1/2021 11:51:00 PM	Phenol	n/a	<	0.16	µg/L	EPA 625.1	0.16	1	WKL	
ME-SCR	2020/21-3	Wet	3/10/2021 1:40:00 PM	3/26/2021 12:53:00 AM	Phenol	n/a	<	0.35	µg/L	EPA 8270C	0.35	1	WKL	
ME-SCR	2020/21-3	Wet	3/10/2021 1:40:00 PM	4/1/2021 11:51:00 PM	Pyrene	n/a	<	0.25	µg/L	EPA 625.1	0.25	1	WKL	
ME-SCR	2020/21-3	Wet	3/10/2021 1:40:00 PM	3/27/2021 1:56:00 AM	Pyrene	n/a	<	0.04	µg/L	EPA 8270C	0.04	0.1	WKL	
ME-SCR	2020/21-3	Wet	3/10/2021 1:40:00 PM	4/2/2021 10:32:00 PM	PCB Aroclor 1016	n/a	<	0.14	µg/L	EPA 608.3	0.14	2.5	WKL	
ME-SCR	2020/21-3	Wet	3/10/2021 1:40:00 PM	4/2/2021 10:32:00 PM	PCB Aroclor 1221	n/a	<	0.3	µg/L	EPA 608.3	0.3	2.5	WKL	
ME-SCR	2020/21-3	Wet	3/10/2021 1:40:00 PM	4/2/2021 10:32:00 PM	PCB Aroclor 1232	n/a	<	0.5	µg/L	EPA 608.3	0.5	2.5	WKL	
ME-SCR	2020/21-3	Wet	3/10/2021 1:40:00 PM	4/2/2021 10:32:00 PM	PCB Aroclor 1242	n/a	<	0.35	µg/L	EPA 608.3	0.35	2.5	WKL	
ME-SCR	2020/21-3	Wet	3/10/2021 1:40:00 PM	4/2/2021 10:32:00 PM	PCB Aroclor 1248	n/a	<	0.3	µg/L	EPA 608.3	0.3	2.5	WKL	
ME-SCR	2020/21-3	Wet	3/10/2021 1:40:00 PM	4/2/2021 10:32:00 PM	PCB Aroclor 1254	n/a	<	0.2	µg/L	EPA 608.3	0.2	2.5	WKL	
ME-SCR	2020/21-3	Wet	3/10/2021 1:40:00 PM	4/2/2021 10:32:00 PM	PCB Aroclor 1260	n/a	<	0.28	µg/L	EPA 608.3	0.28	2.5	WKL	
ME-SCR	2020/21-3	Wet	3/10/2021 1:40:00 PM	3/27/2021 6:20:00 PM	2,4,5-T	n/a	<	0.11	µg/L	EPA 515.4	0.11	0.4	WKL	
ME-SCR	2020/21-3	Wet	3/10/2021 1:40:00 PM	3/27/2021 6:20:00 PM	2,4,5-TP	n/a	<	0.092	µg/L	EPA 515.4	0.092	0.4	WKL	
ME-SCR	2020/21-3	Wet	3/10/2021 1:40:00 PM	3/27/2021 6:20:00 PM	2,4-D	n/a	<	0.28	µg/L	EPA 515.4	0.28	0.8	WKL	
ME-SCR	2020/21-3	Wet	3/10/2021 1:40:00 PM	3/27/2021 6:20:00 PM	2,4-DB	n/a	<	0.38	µg/L	EPA 515.4	0.38	4	WKL	
ME-SCR	2020/21-3	Wet	3/10/2021 1:40:00 PM	3/27/2021 6:20:00 PM	3,5-Dichlorobenzoic acid	n/a	<	0.24	µg/L	EPA 515.4	0.24	2	WKL	
ME-SCR	2020/21-3	Wet	3/10/2021 1:40:00 PM	4/2/2021 10:32:00 PM	4,4'-DDD	n/a	<	0.0035	µg/L	EPA 608.3	0.0035	0.25	WKL	
ME-SCR	2020/21-3	Wet	3/10/2021 1:40:00 PM	4/2/2021 10:32:00 PM	4,4'-DDE	n/a	<	0.0035	µg/L	EPA 608.3	0.0035	0.25	WKL	
ME-SCR	2020/21-3	Wet	3/10/2021 1:40:00 PM	4/2/2021 10:32:00 PM	4,4'-DDT	n/a	<	0.0055	µg/L	EPA 608.3	0.0055	0.05	WKL	
ME-SCR	2020/21-3	Wet	3/10/2021 1:40:00 PM	3/27/2021 6:20:00 PM	Acifluorfen	n/a	<	0.14	µg/L	EPA 515.4	0.14	0.8	WKL	
ME-SCR	2020/21-3	Wet	3/10/2021 1:40:00 PM	3/22/2021 10:53:00 PM	Alachlor	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1	WKL	
ME-SCR	2020/21-3	Wet	3/10/2021 1:40:00 PM	4/2/2021 10:32:00 PM	Aldrin	n/a	<	0.005	µg/L	EPA 608.3	0.005	0.025	WKL	
ME-SCR	2020/21-3	Wet	3/10/2021 1:40:00 PM	4/2/2021 10:32:00 PM	alpha-BHC	n/a	<	0.0055	µg/L	EPA 608.3	0.0055	0.05	WKL	
ME-SCR	2020/21-3	Wet	3/10/2021 1:40:00 PM	4/2/2021 10:32:00 PM	alpha-Chlordane	n/a	<	0.014	µg/L	EPA 608.3	0.014	0.05	WKL	
ME-SCR	2020/21-3	Wet	3/10/2021 1:40:00 PM	3/22/2021 10:53:00 PM	Atrazine	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1	WKL	
ME-SCR	2020/21-3	Wet	3/10/2021 1:40:00 PM	3/20/2021 2:16:00 AM	Azinphos methyl	n/a	<	0.0055	µg/L	EPA 625.1m	0.0055	0.01	WKL	
ME-SCR	2020/21-3	Wet	3/10/2021 1:40:00 PM	3/27/2021 6:20:00 PM	Bentazon	n/a	<	0.46	µg/L	EPA 515.4	0.46	4	WKL	
ME-SCR	2020/21-3	Wet	3/10/2021 1:40:00 PM	4/2/2021 10:32:00 PM	beta-BHC	n/a	<	0.0075	µg/L	EPA 608.3	0.0075	0.025	WKL	
ME-SCR	2020/21-3	Wet	3/10/2021 1:40:00 PM	3/20/2021 2:16:00 AM	Bolstar	n/a	<	0.0046	µg/L	EPA 625.1m	0.0046	0.01	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
ME-SCR	2020/21-3	Wet	3/10/2021 1:40:00 PM	3/22/2021 10:53:00 PM	Bromacil	n/a	DNQ	0.36	µg/L	EPA 525.2	0.16	0.5	WKL	
ME-SCR	2020/21-3	Wet	3/10/2021 1:40:00 PM	3/22/2021 10:53:00 PM	Butachlor	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1	WKL	
ME-SCR	2020/21-3	Wet	3/10/2021 1:40:00 PM	3/22/2021 10:53:00 PM	Captan	n/a	<	0.16	µg/L	EPA 525.2	0.16	1	WKL	
ME-SCR	2020/21-3	Wet	3/10/2021 1:40:00 PM	4/2/2021 10:32:00 PM	Chlordane (technical)	n/a	<	0.22	µg/L	EPA 608.3	0.22	0.5	WKL	
ME-SCR	2020/21-3	Wet	3/10/2021 1:40:00 PM	3/22/2021 10:53:00 PM	Chlorpropham	n/a	<	0.04	µg/L	EPA 525.2	0.04	0.1	WKL	
ME-SCR	2020/21-3	Wet	3/10/2021 1:40:00 PM	3/20/2021 2:16:00 AM	Chlorpyrifos	n/a	<	0.0069	µg/L	EPA 625.1m	0.0069	0.01	WKL	
ME-SCR	2020/21-3	Wet	3/10/2021 1:40:00 PM	3/20/2021 2:16:00 AM	Coumaphos	n/a	<	0.0051	µg/L	EPA 625.1m	0.0051	0.01	WKL	
ME-SCR	2020/21-3	Wet	3/10/2021 1:40:00 PM	3/22/2021 10:53:00 PM	Cyanazine	n/a	<	0.04	µg/L	EPA 525.2	0.04	0.1	WKL	
ME-SCR	2020/21-3	Wet	3/10/2021 1:40:00 PM	3/27/2021 6:20:00 PM	Dalapon	n/a	<	0.22	µg/L	EPA 515.4	0.22	0.8	WKL	
ME-SCR	2020/21-3	Wet	3/10/2021 1:40:00 PM	3/27/2021 6:20:00 PM	DCCA (Dacthal)	n/a	DNQ	0.11	µg/L	EPA 515.4	0.11	0.2	WKL	
ME-SCR	2020/21-3	Wet	3/10/2021 1:40:00 PM	4/2/2021 10:32:00 PM	delta-BHC	n/a	<	0.0095	µg/L	EPA 608.3	0.0095	0.025	WKL	
ME-SCR	2020/21-3	Wet	3/10/2021 1:40:00 PM	3/20/2021 2:16:00 AM	Demeton-O	n/a	<	0.01	µg/L	EPA 625.1m	0.01	0.01	WKL	
ME-SCR	2020/21-3	Wet	3/10/2021 1:40:00 PM	3/20/2021 2:16:00 AM	Demeton-S	n/a	<	0.01	µg/L	EPA 625.1m	0.01	0.01	WKL	
ME-SCR	2020/21-3	Wet	3/10/2021 1:40:00 PM	3/20/2021 2:16:00 AM	Diazinon	n/a	<	0.0052	µg/L	EPA 625.1m	0.0052	0.01	WKL	
ME-SCR	2020/21-3	Wet	3/10/2021 1:40:00 PM	3/22/2021 10:53:00 PM	Diazinon	n/a	<	0.05	µg/L	EPA 525.2	0.05	0.1	WKL	
ME-SCR	2020/21-3	Wet	3/10/2021 1:40:00 PM	3/27/2021 6:20:00 PM	Dicamba	n/a	<	0.15	µg/L	EPA 515.4	0.15	1.2	WKL	
ME-SCR	2020/21-3	Wet	3/10/2021 1:40:00 PM	3/27/2021 6:20:00 PM	Dichlorprop	n/a	<	0.24	µg/L	EPA 515.4	0.24	0.6	WKL	
ME-SCR	2020/21-3	Wet	3/10/2021 1:40:00 PM	3/20/2021 2:16:00 AM	Dichlorvos	n/a	<	0.0029	µg/L	EPA 625.1m	0.0029	0.01	WKL	
ME-SCR	2020/21-3	Wet	3/10/2021 1:40:00 PM	4/2/2021 10:32:00 PM	Dieldrin	n/a	<	0.004	µg/L	EPA 608.3	0.004	0.05	WKL	
ME-SCR	2020/21-3	Wet	3/10/2021 1:40:00 PM	3/22/2021 10:53:00 PM	Dimethoate	n/a	<	0.02	µg/L	EPA 525.2	0.02	0.2	WKL	
ME-SCR	2020/21-3	Wet	3/10/2021 1:40:00 PM	3/20/2021 2:16:00 AM	Dimethoate	n/a	<	0.0062	µg/L	EPA 625.1m	0.0062	0.01	WKL	
ME-SCR	2020/21-3	Wet	3/10/2021 1:40:00 PM	3/27/2021 6:20:00 PM	Dinoseb	n/a	<	0.11	µg/L	EPA 515.4	0.11	0.8	WKL	
ME-SCR	2020/21-3	Wet	3/10/2021 1:40:00 PM	3/22/2021 10:53:00 PM	Diphenamid	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1	WKL	
ME-SCR	2020/21-3	Wet	3/10/2021 1:40:00 PM	3/20/2021 2:16:00 AM	Disulfoton	n/a	<	0.01	µg/L	EPA 625.1m	0.01	0.01	WKL	
ME-SCR	2020/21-3	Wet	3/10/2021 1:40:00 PM	3/22/2021 10:53:00 PM	Disulfoton	n/a	<	0.04	µg/L	EPA 525.2	0.04	0.1	WKL	
ME-SCR	2020/21-3	Wet	3/10/2021 1:40:00 PM	4/2/2021 10:32:00 PM	Endosulfan I	n/a	<	0.0045	µg/L	EPA 608.3	0.0045	0.1	WKL	
ME-SCR	2020/21-3	Wet	3/10/2021 1:40:00 PM	4/2/2021 10:32:00 PM	Endosulfan II	n/a	<	0.0035	µg/L	EPA 608.3	0.0035	0.05	WKL	
ME-SCR	2020/21-3	Wet	3/10/2021 1:40:00 PM	4/2/2021 10:32:00 PM	Endosulfan sulfate	n/a	<	0.0065	µg/L	EPA 608.3	0.0065	0.25	WKL	
ME-SCR	2020/21-3	Wet	3/10/2021 1:40:00 PM	4/2/2021 10:32:00 PM	Endrin	n/a	<	0.0085	µg/L	EPA 608.3	0.0085	0.05	WKL	
ME-SCR	2020/21-3	Wet	3/10/2021 1:40:00 PM	4/2/2021 10:32:00 PM	Endrin aldehyde	n/a	<	0.0095	µg/L	EPA 608.3	0.0095	0.05	WKL	
ME-SCR	2020/21-3	Wet	3/10/2021 1:40:00 PM	3/22/2021 10:53:00 PM	EPTC	n/a	<	0.02	µg/L	EPA 525.2	0.02	0.1	WKL	
ME-SCR	2020/21-3	Wet	3/10/2021 1:40:00 PM	3/20/2021 2:16:00 AM	Ethoprop	n/a	<	0.0067	µg/L	EPA 625.1m	0.0067	0.01	WKL	
ME-SCR	2020/21-3	Wet	3/10/2021 1:40:00 PM	3/20/2021 2:16:00 AM	Ethyl parathion	n/a	<	0.0054	µg/L	EPA 625.1m	0.0054	0.01	WKL	
ME-SCR	2020/21-3	Wet	3/10/2021 1:40:00 PM	3/20/2021 2:16:00 AM	Fensulfothion	n/a	<	0.0029	µg/L	EPA 625.1m	0.0029	0.01	WKL	
ME-SCR	2020/21-3	Wet	3/10/2021 1:40:00 PM	3/20/2021 2:16:00 AM	Fenthion	n/a	<	0.0038	µg/L	EPA 625.1m	0.0038	0.01	WKL	
ME-SCR	2020/21-3	Wet	3/10/2021 1:40:00 PM	4/2/2021 10:32:00 PM	gamma-BHC (Lindane)	n/a	<	0.002	µg/L	EPA 608.3	0.002	0.1	WKL	
ME-SCR	2020/21-3	Wet	3/10/2021 1:40:00 PM	4/2/2021 10:32:00 PM	gamma-Chlordane	n/a	<	0.012	µg/L	EPA 608.3	0.012	0.05	WKL	
ME-SCR	2020/21-3	Wet	3/10/2021 1:40:00 PM	3/18/2021 2:30:00 AM	Glyphosate	n/a	<	1.8	µg/L	EPA 547	1.8	5	WKL	
ME-SCR	2020/21-3	Wet	3/10/2021 1:40:00 PM	4/2/2021 10:32:00 PM	Heptachlor	n/a	<	0.003	µg/L	EPA 608.3	0.003	0.05	WKL	
ME-SCR	2020/21-3	Wet	3/10/2021 1:40:00 PM	4/2/2021 10:32:00 PM	Heptachlor epoxide	n/a	<	0.002	µg/L	EPA 608.3	0.002	0.05	WKL	
ME-SCR	2020/21-3	Wet	3/10/2021 1:40:00 PM	3/20/2021 2:16:00 AM	Malathion	n/a	<	0.0076	µg/L	EPA 625.1m	0.0076	0.01	WKL	
ME-SCR	2020/21-3	Wet	3/10/2021 1:40:00 PM	3/20/2021 2:16:00 AM	Merphos	n/a	<	0.0058	µg/L	EPA 625.1m	0.0058	0.01	WKL	
ME-SCR	2020/21-3	Wet	3/10/2021 1:40:00 PM	3/20/2021 2:16:00 AM	Methyl parathion	n/a	<	0.0063	µg/L	EPA 625.1m	0.0063	0.01	WKL	
ME-SCR	2020/21-3	Wet	3/10/2021 1:40:00 PM	3/22/2021 10:53:00 PM	Metolachlor	n/a	DNQ	0.059	µg/L	EPA 525.2	0.03	0.1	WKL	
ME-SCR	2020/21-3	Wet	3/10/2021 1:40:00 PM	3/22/2021 10:53:00 PM	Metribuzin	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1	WKL	
ME-SCR	2020/21-3	Wet	3/10/2021 1:40:00 PM	3/20/2021 2:16:00 AM	Mevimphos	n/a	<	0.0042	µg/L	EPA 625.1m	0.0042	0.01	WKL	
ME-SCR	2020/21-3	Wet	3/10/2021 1:40:00 PM	3/22/2021 10:53:00 PM	Molinate	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1	WKL	
ME-SCR	2020/21-3	Wet	3/10/2021 1:40:00 PM	3/20/2021 2:16:00 AM	Naled	n/a	<	0.0076	µg/L	EPA 625.1m	0.0076	0.01	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
ME-SCR	2020/21-3	Wet	3/10/2021 1:40:00 PM	4/1/2021 11:51:00 PM	Pentachlorophenol	n/a	<	0.4	µg/L	EPA 625.1	0.4	1	WKL	
ME-SCR	2020/21-3	Wet	3/10/2021 1:40:00 PM	3/26/2021 12:53:00 AM	Pentachlorophenol	n/a	DNQ	0.15	µg/L	EPA 8270C	0.15	1	WKL	
ME-SCR	2020/21-3	Wet	3/10/2021 1:40:00 PM	3/27/2021 6:20:00 PM	Pentachlorophenol	n/a	<	0.092	µg/L	EPA 515.4	0.092	0.4	WKL	
ME-SCR	2020/21-3	Wet	3/10/2021 1:40:00 PM	3/20/2021 2:16:00 AM	Phorate	n/a	<	0.003	µg/L	EPA 625.1m	0.003	0.01	WKL	
ME-SCR	2020/21-3	Wet	3/10/2021 1:40:00 PM	3/27/2021 6:20:00 PM	Picloram	n/a	<	0.076	µg/L	EPA 515.4	0.076	1.2	WKL	
ME-SCR	2020/21-3	Wet	3/10/2021 1:40:00 PM	3/22/2021 10:53:00 PM	Prometon	n/a	<	0.01	µg/L	EPA 525.2	0.01	0.1	WKL	
ME-SCR	2020/21-3	Wet	3/10/2021 1:40:00 PM	3/22/2021 10:53:00 PM	Prometryn	n/a	DNQ	0.044	µg/L	EPA 525.2	0.03	0.1	WKL	
ME-SCR	2020/21-3	Wet	3/10/2021 1:40:00 PM	3/20/2021 2:16:00 AM	Ronnel (Fenchlorphos)	n/a	<	0.0041	µg/L	EPA 625.1m	0.0041	0.01	WKL	
ME-SCR	2020/21-3	Wet	3/10/2021 1:40:00 PM	3/22/2021 10:53:00 PM	Simazine	n/a	<	0.02	µg/L	EPA 525.2	0.02	0.1	WKL	
ME-SCR	2020/21-3	Wet	3/10/2021 1:40:00 PM	3/20/2021 2:16:00 AM	Stirophos (Tetrachlorvinphos)	n/a	<	0.0031	µg/L	EPA 625.1m	0.0031	0.01	WKL	
ME-SCR	2020/21-3	Wet	3/10/2021 1:40:00 PM	3/22/2021 10:53:00 PM	Terbacil	n/a	<	0.09	µg/L	EPA 525.2	0.09	2	WKL	
ME-SCR	2020/21-3	Wet	3/10/2021 1:40:00 PM	3/22/2021 10:53:00 PM	Thiobencarb	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1	WKL	
ME-SCR	2020/21-3	Wet	3/10/2021 1:40:00 PM	3/20/2021 2:16:00 AM	Tokuthion	n/a	<	0.0078	µg/L	EPA 625.1m	0.0078	0.01	WKL	
ME-SCR	2020/21-3	Wet	3/10/2021 1:40:00 PM	4/2/2021 10:32:00 PM	Toxaphene	n/a	<	0.42	µg/L	EPA 608.3	0.42	2.5	WKL	
ME-SCR	2020/21-3	Wet	3/10/2021 1:40:00 PM	3/20/2021 2:16:00 AM	Trichloronate	n/a	<	0.0067	µg/L	EPA 625.1m	0.0067	0.01	WKL	
ME-SCR	2020/21-3	Wet	3/10/2021 1:40:00 PM	3/22/2021 10:53:00 PM	Trithion	n/a	<	0.02	µg/L	EPA 525.2	0.02	0.1	WKL	
ME-SCR	2020/21-4	Dry	4/27/2021 10:00:00 AM	4/30/2021 1:15:00 PM	Chloride	n/a	=	93	mg/L	EPA 300.0	0.17	1	WKL	
ME-SCR	2020/21-4	Dry	4/27/2021 10:00:00 AM	4/30/2021 2:16:00 AM	Fluoride	n/a	=	0.63	mg/L	EPA 300.0	0.018	0.2	WKL	
ME-SCR	2020/21-4	Dry	4/27/2021 10:00:00 AM	4/30/2021 5:43:00 PM	Perchlorate	n/a	<	1.7	µg/L	EPA 314.0	1.7	4	WKL	
ME-SCR	2020/21-4	Dry	4/27/2021 10:00:00 AM	5/5/2021 5:30:00 PM	Calcium	Total	=	190	mg/L	EPA 200.7	0.16	0.5	WKL	
ME-SCR	2020/21-4	Dry	4/27/2021 10:00:00 AM	5/5/2021 5:30:00 PM	Magnesium	Total	=	79.5	mg/L	EPA 200.7	0.039	0.5	WKL	
ME-SCR	2020/21-4	Dry	4/27/2021 10:00:00 AM	5/4/2021 11:52:00 AM	Alkalinity as CaCO3	n/a	=	240	mg/L	SM 2320 B	0.56	5	WKL	
ME-SCR	2020/21-4	Dry	4/27/2021 10:00:00 AM	5/3/2021 2:22:00 PM	BOD	n/a	<	2	mg/L	SM 5210 B	2	2	WKL	
ME-SCR	2020/21-4	Dry	4/27/2021 10:00:00 AM	5/10/2021 11:07:00 AM	COD	n/a	=	7	mg/L	EPA 410.4	2.9	5	WKL	
ME-SCR	2020/21-4	Dry	4/27/2021 10:00:00 AM	5/5/2021 5:30:00 PM	Hardness as CaCO3	Total	=	802	mg/L	EPA 200.7	0.56	3.31	WKL	
ME-SCR	2020/21-4	Dry	4/27/2021 10:00:00 AM	4/27/2021 6:32:00 PM	MBAS	n/a	DNQ	0.025	mg/L	SM 5540 C	0.017	0.05	WKL	
ME-SCR	2020/21-4	Dry	4/27/2021 10:00:00 AM	5/4/2021 2:01:00 PM	Phenolics	n/a	<	0.0032	mg/L	EPA 420.4	0.0032	0.01	WKL	
ME-SCR	2020/21-4	Dry	4/27/2021 10:00:00 AM	4/28/2021 12:33:00 PM	Specific Conductance	n/a	=	2100	µmhos/cm	SM 2510 B	0.47	4	WKL	
ME-SCR	2020/21-4	Dry	4/27/2021 10:00:00 AM	4/28/2021 12:12:00 PM	Total Chlorine Residual	n/a	<	0.0076	mg/L	SM 4500-Cl Gm	0.0076	0.05	WKL	EST-HT
ME-SCR	2020/21-4	Dry	4/27/2021 10:00:00 AM	4/28/2021 12:12:00 PM	Total Chlorine Residual	n/a	DNQ	0.034	mg/L	SM 4500-Cl G	0.0076	0.05	WKL	EST-HT
ME-SCR	2020/21-4	Dry	4/27/2021 10:00:00 AM	5/3/2021 12:40:00 PM	Total Dissolved Solids	n/a	=	1400	mg/L	SM 2540 C	4	10	WKL	
ME-SCR	2020/21-4	Dry	4/27/2021 10:00:00 AM	5/3/2021 3:51:00 PM	Total Organic Carbon	n/a	=	3.9	mg/L	SM 5310 B	0.096	0.3	WKL	
ME-SCR	2020/21-4	Dry	4/27/2021 10:00:00 AM	5/3/2021 1:20:00 PM	Total Suspended Solids	n/a	=	10	mg/L	SM 2540 D	-88	5	WKL	
ME-SCR	2020/21-4	Dry	4/27/2021 10:00:00 AM	4/28/2021 3:47:00 PM	Turbidity	n/a	=	2	NTU	EPA 180.1	0.017	0.1	WKL	
ME-SCR	2020/21-4	Dry	4/27/2021 10:00:00 AM	5/3/2021 1:20:00 PM	Volatile Suspended Solids	n/a	<	3.1	mg/L	EPA 160.4	3.1	5	WKL	
ME-SCR	2020/21-4	Dry	4/27/2021 10:00:00 AM	5/5/2021 9:20:00 PM	Diesel Range Organics	n/a	DNQ	0.058	mg/L	EPA 8015B	0.032	0.1	WKL	UL-MB
ME-SCR	2020/21-4	Dry	4/27/2021 10:00:00 AM	5/5/2021 9:20:00 PM	Oil Range Organics	n/a	<	0.33	mg/L	EPA 8015B	0.33	0.5	WKL	
ME-SCR	2020/21-4	Dry	4/27/2021 10:00:00 AM	5/3/2021 4:53:00 PM	Aluminum	Dissolved	<	4.4	µg/L	EPA 200.8	4.4	20	WKL	
ME-SCR	2020/21-4	Dry	4/27/2021 10:00:00 AM	5/3/2021 4:56:00 PM	Aluminum	Total	=	54	µg/L	EPA 200.8	4.4	20	WKL	
ME-SCR	2020/21-4	Dry	4/27/2021 10:00:00 AM	5/3/2021 4:53:00 PM	Antimony	Dissolved	DNQ	0.24	µg/L	EPA 200.8	0.089	0.5	WKL	
ME-SCR	2020/21-4	Dry	4/27/2021 10:00:00 AM	5/3/2021 4:56:00 PM	Antimony	Total	DNQ	0.23	µg/L	EPA 200.8	0.089	0.5	WKL	
ME-SCR	2020/21-4	Dry	4/27/2021 10:00:00 AM	5/3/2021 4:53:00 PM	Arsenic	Dissolved	=	0.64	µg/L	EPA 200.8	0.074	0.4	WKL	
ME-SCR	2020/21-4	Dry	4/27/2021 10:00:00 AM	5/3/2021 4:56:00 PM	Arsenic	Total	=	0.71	µg/L	EPA 200.8	0.074	0.4	WKL	
ME-SCR	2020/21-4	Dry	4/27/2021 10:00:00 AM	5/3/2021 4:56:00 PM	Barium	Total	=	40	µg/L	EPA 200.8	0.14	1	WKL	
ME-SCR	2020/21-4	Dry	4/27/2021 10:00:00 AM	5/3/2021 4:53:00 PM	Beryllium	Dissolved	<	0.062	µg/L	EPA 200.8	0.062	0.1	WKL	
ME-SCR	2020/21-4	Dry	4/27/2021 10:00:00 AM	5/3/2021 4:56:00 PM	Beryllium	Total	<	0.062	µg/L	EPA 200.8	0.062	0.1	WKL	
ME-SCR	2020/21-4	Dry	4/27/2021 10:00:00 AM	5/3/2021 4:53:00 PM	Cadmium	Dissolved	<	0.042	µg/L	EPA 200.8	0.042	0.2	WKL	
ME-SCR	2020/21-4	Dry	4/27/2021 10:00:00 AM	5/3/2021 4:56:00 PM	Cadmium	Total	<	0.042	µg/L	EPA 200.8	0.042	0.2	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
ME-SCR	2020/21-4	Dry	4/27/2021 10:00:00 AM	5/3/2021 4:53:00 PM	Chromium	Dissolved	<	0.089	µg/L	EPA 200.8	0.089	0.2	WKL	
ME-SCR	2020/21-4	Dry	4/27/2021 10:00:00 AM	5/3/2021 4:56:00 PM	Chromium	Total	=	0.2	µg/L	EPA 200.8	0.089	0.2	WKL	
ME-SCR	2020/21-4	Dry	4/27/2021 10:00:00 AM	5/3/2021 5:13:00 PM	Chromium VI	n/a	<	0.0079	µg/L	EPA 218.6	0.0079	0.02	WKL	
ME-SCR	2020/21-4	Dry	4/27/2021 10:00:00 AM	5/3/2021 4:53:00 PM	Copper	Dissolved	=	0.94	µg/L	EPA 200.8	0.23	0.5	WKL	UL-MB
ME-SCR	2020/21-4	Dry	4/27/2021 10:00:00 AM	5/3/2021 4:56:00 PM	Copper	Total	=	0.89	µg/L	EPA 200.8	0.23	0.5	WKL	
ME-SCR	2020/21-4	Dry	4/27/2021 10:00:00 AM	5/3/2021 4:53:00 PM	Iron	Dissolved	DNQ	12	µg/L	EPA 200.8	3.9	20	WKL	
ME-SCR	2020/21-4	Dry	4/27/2021 10:00:00 AM	5/3/2021 4:56:00 PM	Iron	Total	=	120	µg/L	EPA 200.8	3.9	20	WKL	
ME-SCR	2020/21-4	Dry	4/27/2021 10:00:00 AM	5/3/2021 4:53:00 PM	Lead	Dissolved	<	0.083	µg/L	EPA 200.8	0.083	0.2	WKL	
ME-SCR	2020/21-4	Dry	4/27/2021 10:00:00 AM	5/3/2021 4:56:00 PM	Lead	Total	<	0.083	µg/L	EPA 200.8	0.083	0.2	WKL	
ME-SCR	2020/21-4	Dry	4/27/2021 10:00:00 AM	5/4/2021 2:39:00 PM	Mercury	Dissolved	<	17	ng/L	EPA 245.1	17	50	WKL	
ME-SCR	2020/21-4	Dry	4/27/2021 10:00:00 AM	5/4/2021 2:41:00 PM	Mercury	Total	<	17	ng/L	EPA 245.1	17	50	WKL	
ME-SCR	2020/21-4	Dry	4/27/2021 10:00:00 AM	5/3/2021 4:53:00 PM	Nickel	Dissolved	DNQ	1.9	µg/L	EPA 200.8	0.16	2	WKL	UL-MB
ME-SCR	2020/21-4	Dry	4/27/2021 10:00:00 AM	5/3/2021 4:56:00 PM	Nickel	Total	=	2	µg/L	EPA 200.8	0.16	2	WKL	
ME-SCR	2020/21-4	Dry	4/27/2021 10:00:00 AM	5/3/2021 4:53:00 PM	Selenium	Dissolved	=	4.6	µg/L	EPA 200.8	0.067	0.4	WKL	
ME-SCR	2020/21-4	Dry	4/27/2021 10:00:00 AM	5/3/2021 4:56:00 PM	Selenium	Total	=	4.5	µg/L	EPA 200.8	0.067	0.4	WKL	
ME-SCR	2020/21-4	Dry	4/27/2021 10:00:00 AM	5/3/2021 4:53:00 PM	Silver	Dissolved	<	0.03	µg/L	EPA 200.8	0.03	0.2	WKL	
ME-SCR	2020/21-4	Dry	4/27/2021 10:00:00 AM	5/3/2021 4:56:00 PM	Silver	Total	<	0.03	µg/L	EPA 200.8	0.03	0.2	WKL	
ME-SCR	2020/21-4	Dry	4/27/2021 10:00:00 AM	5/3/2021 4:53:00 PM	Thallium	Dissolved	<	0.021	µg/L	EPA 200.8	0.021	0.2	WKL	
ME-SCR	2020/21-4	Dry	4/27/2021 10:00:00 AM	5/3/2021 4:56:00 PM	Thallium	Total	<	0.021	µg/L	EPA 200.8	0.021	0.2	WKL	
ME-SCR	2020/21-4	Dry	4/27/2021 10:00:00 AM	5/3/2021 4:53:00 PM	Zinc	Dissolved	DNQ	2	µg/L	EPA 200.8	0.8	10	WKL	UL-MB
ME-SCR	2020/21-4	Dry	4/27/2021 10:00:00 AM	5/3/2021 4:56:00 PM	Zinc	Total	DNQ	1.3	µg/L	EPA 200.8	0.8	10	WKL	
ME-SCR	2020/21-4	Dry	4/29/2021 10:00:00 AM	4/29/2021 2:12:00 PM	Ammonia as N	n/a	<	0.047	mg/L	EPA 350.1	0.047	0.1	WKL	
ME-SCR	2020/21-4	Dry	4/27/2021 10:00:00 AM	4/28/2021 5:36:00 PM	Nitrate + Nitrite as N	n/a	=	1.6	mg/L	EPA 353.2	0.036	0.2	WKL	
ME-SCR	2020/21-4	Dry	4/27/2021 10:00:00 AM	5/5/2021 5:27:00 PM	Phosphorus as P	Dissolved	<	0.018	mg/L	EPA 200.7	0.018	0.05	WKL	
ME-SCR	2020/21-4	Dry	4/27/2021 10:00:00 AM	5/5/2021 5:30:00 PM	Phosphorus as P	Total	<	0.018	mg/L	EPA 200.7	0.018	0.05	WKL	
ME-SCR	2020/21-4	Dry	4/30/2021 10:00:00 AM	4/30/2021 1:24:00 PM	TKN	n/a	=	0.11	mg/L	EPA 351.2	0.065	0.1	WKL	
ME-SCR	2020/21-4	Dry	4/27/2021 10:00:00 AM	5/27/2021 2:06:00 AM	1,2,4-Trichlorobenzene	n/a	<	0.49	µg/L	EPA 625.1	0.49	1	WKL	
ME-SCR	2020/21-4	Dry	4/27/2021 10:00:00 AM	5/27/2021 2:06:00 AM	1,2-Dichlorobenzene	n/a	<	0.46	µg/L	EPA 625.1	0.46	1	WKL	
ME-SCR	2020/21-4	Dry	4/27/2021 10:00:00 AM	5/27/2021 2:06:00 AM	1,2-Diphenylhydrazine	n/a	<	0.3	µg/L	EPA 625.1	0.3	1	WKL	
ME-SCR	2020/21-4	Dry	4/27/2021 10:00:00 AM	5/27/2021 2:06:00 AM	1,3-Dichlorobenzene	n/a	<	0.42	µg/L	EPA 625.1	0.42	1	WKL	
ME-SCR	2020/21-4	Dry	4/27/2021 10:00:00 AM	5/27/2021 2:06:00 AM	1,4-Dichlorobenzene	n/a	<	0.48	µg/L	EPA 625.1	0.48	1	WKL	
ME-SCR	2020/21-4	Dry	4/27/2021 10:00:00 AM	5/5/2021 3:58:00 AM	1-Methylnaphthalene	n/a	<	0.024	µg/L	EPA 8270C	0.024	0.1	WKL	
ME-SCR	2020/21-4	Dry	4/27/2021 10:00:00 AM	5/24/2021 9:19:00 PM	2,4,5-Trichlorophenol	n/a	<	0.29	µg/L	EPA 8270C	0.29	1	WKL	
ME-SCR	2020/21-4	Dry	4/27/2021 10:00:00 AM	5/27/2021 2:06:00 AM	2,4,6-Trichlorophenol	n/a	<	0.22	µg/L	EPA 625.1	0.22	1	WKL	
ME-SCR	2020/21-4	Dry	4/27/2021 10:00:00 AM	5/24/2021 9:19:00 PM	2,4,6-Trichlorophenol	n/a	<	0.3	µg/L	EPA 8270C	0.3	1	WKL	
ME-SCR	2020/21-4	Dry	4/27/2021 10:00:00 AM	5/27/2021 2:06:00 AM	2,4-Dichlorophenol	n/a	<	0.26	µg/L	EPA 625.1	0.26	1	WKL	
ME-SCR	2020/21-4	Dry	4/27/2021 10:00:00 AM	5/24/2021 9:19:00 PM	2,4-Dichlorophenol	n/a	<	0.51	µg/L	EPA 8270C	0.51	1	WKL	
ME-SCR	2020/21-4	Dry	4/27/2021 10:00:00 AM	5/27/2021 2:06:00 AM	2,4-Dimethylphenol	n/a	<	0.3	µg/L	EPA 625.1	0.3	1	WKL	LB-LCSR
ME-SCR	2020/21-4	Dry	4/27/2021 10:00:00 AM	5/24/2021 9:19:00 PM	2,4-Dimethylphenol	n/a	<	1	µg/L	EPA 8270C	1	2	WKL	
ME-SCR	2020/21-4	Dry	4/27/2021 10:00:00 AM	5/27/2021 2:06:00 AM	2,4-Dinitrophenol	n/a	<	1.9	µg/L	EPA 625.1	1.9	10	WKL	
ME-SCR	2020/21-4	Dry	4/27/2021 10:00:00 AM	5/24/2021 9:19:00 PM	2,4-Dinitrophenol	n/a	<	1	µg/L	EPA 8270C	1	2	WKL	
ME-SCR	2020/21-4	Dry	4/27/2021 10:00:00 AM	5/27/2021 2:06:00 AM	2,4-Dinitrotoluene	n/a	<	0.18	µg/L	EPA 625.1	0.18	1	WKL	
ME-SCR	2020/21-4	Dry	4/27/2021 10:00:00 AM	5/27/2021 2:06:00 AM	2,6-Dinitrotoluene	n/a	<	0.27	µg/L	EPA 625.1	0.27	1	WKL	
ME-SCR	2020/21-4	Dry	4/27/2021 10:00:00 AM	5/27/2021 2:06:00 AM	2-Chloronaphthalene	n/a	<	0.45	µg/L	EPA 625.1	0.45	1	WKL	
ME-SCR	2020/21-4	Dry	4/27/2021 10:00:00 AM	5/27/2021 2:06:00 AM	2-Chlorophenol	n/a	<	0.28	µg/L	EPA 625.1	0.28	1	WKL	
ME-SCR	2020/21-4	Dry	4/27/2021 10:00:00 AM	5/24/2021 9:19:00 PM	2-Chlorophenol	n/a	<	0.65	µg/L	EPA 8270C	0.65	1	WKL	
ME-SCR	2020/21-4	Dry	4/27/2021 10:00:00 AM	5/5/2021 3:58:00 AM	2-Methylnaphthalene	n/a	<	0.026	µg/L	EPA 8270C	0.026	0.1	WKL	
ME-SCR	2020/21-4	Dry	4/27/2021 10:00:00 AM	5/24/2021 9:19:00 PM	2-Methylphenol	n/a	<	0.34	µg/L	EPA 8270C	0.34	1	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
ME-SCR	2020/21-4	Dry	4/27/2021 10:00:00 AM	5/27/2021 2:06:00 AM	2-Nitrophenol	n/a	<	0.26	µg/L	EPA 625.1	0.26	1	WKL	
ME-SCR	2020/21-4	Dry	4/27/2021 10:00:00 AM	5/24/2021 9:19:00 PM	2-Nitrophenol	n/a	<	0.71	µg/L	EPA 8270C	0.71	1	WKL	
ME-SCR	2020/21-4	Dry	4/27/2021 10:00:00 AM	5/27/2021 2:06:00 AM	3,3'-Dichlorobenzidine	n/a	<	0.99	µg/L	EPA 625.1	0.99	5	WKL	
ME-SCR	2020/21-4	Dry	4/27/2021 10:00:00 AM	5/24/2021 9:19:00 PM	3-/4-Methylphenol	n/a	<	0.3	µg/L	EPA 8270C	0.3	1	WKL	
ME-SCR	2020/21-4	Dry	4/27/2021 10:00:00 AM	5/24/2021 9:19:00 PM	4,6-Dinitro-2-methylphenol	n/a	<	0.14	µg/L	EPA 8270C	0.14	1	WKL	
ME-SCR	2020/21-4	Dry	4/27/2021 10:00:00 AM	5/27/2021 2:06:00 AM	4,6-Dinitro-2-methylphenol	n/a	<	1.4	µg/L	EPA 625.1	1.4	5	WKL	
ME-SCR	2020/21-4	Dry	4/27/2021 10:00:00 AM	5/27/2021 2:06:00 AM	4-Bromophenyl phenyl ether	n/a	<	0.36	µg/L	EPA 625.1	0.36	1	WKL	
ME-SCR	2020/21-4	Dry	4/27/2021 10:00:00 AM	5/24/2021 9:19:00 PM	4-Chloro-3-methylphenol	n/a	<	0.37	µg/L	EPA 8270C	0.37	1	WKL	
ME-SCR	2020/21-4	Dry	4/27/2021 10:00:00 AM	5/27/2021 2:06:00 AM	4-Chloro-3-methylphenol	n/a	<	0.23	µg/L	EPA 625.1	0.23	1	WKL	
ME-SCR	2020/21-4	Dry	4/27/2021 10:00:00 AM	5/27/2021 2:06:00 AM	4-Chlorophenyl phenyl ether	n/a	<	0.41	µg/L	EPA 625.1	0.41	1	WKL	
ME-SCR	2020/21-4	Dry	4/27/2021 10:00:00 AM	5/27/2021 2:06:00 AM	4-Nitrophenol	n/a	<	1.2	µg/L	EPA 625.1	1.2	5	WKL	
ME-SCR	2020/21-4	Dry	4/27/2021 10:00:00 AM	5/24/2021 9:19:00 PM	4-Nitrophenol	n/a	<	1	µg/L	EPA 8270C	1	2	WKL	
ME-SCR	2020/21-4	Dry	4/27/2021 10:00:00 AM	5/27/2021 2:06:00 AM	Acenaphthene	n/a	<	0.38	µg/L	EPA 625.1	0.38	1	WKL	
ME-SCR	2020/21-4	Dry	4/27/2021 10:00:00 AM	5/5/2021 3:58:00 AM	Acenaphthene	n/a	<	0.028	µg/L	EPA 8270C	0.028	0.1	WKL	
ME-SCR	2020/21-4	Dry	4/27/2021 10:00:00 AM	5/27/2021 2:06:00 AM	Acenaphthylene	n/a	<	0.17	µg/L	EPA 625.1	0.17	1	WKL	
ME-SCR	2020/21-4	Dry	4/27/2021 10:00:00 AM	5/5/2021 3:58:00 AM	Acenaphthylene	n/a	<	0.033	µg/L	EPA 8270C	0.033	0.1	WKL	
ME-SCR	2020/21-4	Dry	4/27/2021 10:00:00 AM	5/5/2021 3:58:00 AM	Anthracene	n/a	<	0.025	µg/L	EPA 8270C	0.025	0.1	WKL	
ME-SCR	2020/21-4	Dry	4/27/2021 10:00:00 AM	5/27/2021 2:06:00 AM	Anthracene	n/a	<	0.12	µg/L	EPA 625.1	0.12	1	WKL	
ME-SCR	2020/21-4	Dry	4/27/2021 10:00:00 AM	5/5/2021 3:58:00 AM	Benz(a)anthracene	n/a	<	0.051	µg/L	EPA 8270C	0.051	0.1	WKL	
ME-SCR	2020/21-4	Dry	4/27/2021 10:00:00 AM	5/27/2021 2:06:00 AM	Benz(a)anthracene	n/a	<	0.19	µg/L	EPA 625.1	0.19	1	WKL	
ME-SCR	2020/21-4	Dry	4/27/2021 10:00:00 AM	5/27/2021 2:06:00 AM	Benzenzidine	n/a	<	1.4	µg/L	EPA 625.1	1.4	10	WKL	
ME-SCR	2020/21-4	Dry	4/27/2021 10:00:00 AM	5/13/2021 11:13:00 PM	Benzo(a)pyrene	n/a	<	0.02	µg/L	EPA 525.2	0.02	0.1	WKL	
ME-SCR	2020/21-4	Dry	4/27/2021 10:00:00 AM	5/27/2021 2:06:00 AM	Benzo(a)pyrene	n/a	<	0.39	µg/L	EPA 625.1	0.39	1	WKL	
ME-SCR	2020/21-4	Dry	4/27/2021 10:00:00 AM	5/5/2021 3:58:00 AM	Benzo(a)pyrene	n/a	<	0.051	µg/L	EPA 8270C	0.051	0.1	WKL	
ME-SCR	2020/21-4	Dry	4/27/2021 10:00:00 AM	5/27/2021 2:06:00 AM	Benzo(b)fluoranthene	n/a	<	0.46	µg/L	EPA 625.1	0.46	1	WKL	
ME-SCR	2020/21-4	Dry	4/27/2021 10:00:00 AM	5/5/2021 3:58:00 AM	Benzo(b)fluoranthene	n/a	<	0.027	µg/L	EPA 8270C	0.027	0.1	WKL	
ME-SCR	2020/21-4	Dry	4/27/2021 10:00:00 AM	5/27/2021 2:06:00 AM	Benzo(g,h,i)perylene	n/a	<	0.42	µg/L	EPA 625.1	0.42	2	WKL	
ME-SCR	2020/21-4	Dry	4/27/2021 10:00:00 AM	5/5/2021 3:58:00 AM	Benzo(g,h,i)perylene	n/a	<	0.05	µg/L	EPA 8270C	0.05	0.1	WKL	
ME-SCR	2020/21-4	Dry	4/27/2021 10:00:00 AM	5/5/2021 3:58:00 AM	Benzo(k)fluoranthene	n/a	<	0.026	µg/L	EPA 8270C	0.026	0.1	WKL	
ME-SCR	2020/21-4	Dry	4/27/2021 10:00:00 AM	5/27/2021 2:06:00 AM	Benzo(k)fluoranthene	n/a	<	0.22	µg/L	EPA 625.1	0.22	1	WKL	
ME-SCR	2020/21-4	Dry	4/27/2021 10:00:00 AM	5/27/2021 2:06:00 AM	Bis(2-chloroethoxy)methane	n/a	<	0.25	µg/L	EPA 625.1	0.25	1	WKL	
ME-SCR	2020/21-4	Dry	4/27/2021 10:00:00 AM	5/27/2021 2:06:00 AM	Bis(2-chloroethyl)ether	n/a	<	0.27	µg/L	EPA 625.1	0.27	1	WKL	
ME-SCR	2020/21-4	Dry	4/27/2021 10:00:00 AM	5/27/2021 2:06:00 AM	Bis(2-chloroisopropyl)ether	n/a	<	0.38	µg/L	EPA 625.1	0.38	1	WKL	
ME-SCR	2020/21-4	Dry	4/27/2021 10:00:00 AM	5/13/2021 11:13:00 PM	Bis(2-ethylhexyl)adipate	n/a	DNQ	0.51	µg/L	EPA 525.2	0.12	5	WKL	HB-LCSR
ME-SCR	2020/21-4	Dry	4/27/2021 10:00:00 AM	5/13/2021 11:13:00 PM	Bis(2-ethylhexyl)phthalate	n/a	DNQ	0.47	µg/L	EPA 525.2	0.41	3	WKL	
ME-SCR	2020/21-4	Dry	4/27/2021 10:00:00 AM	5/27/2021 2:06:00 AM	Bis(2-ethylhexyl)phthalate	n/a	<	2.3	µg/L	EPA 625.1	2.3	5	WKL	
ME-SCR	2020/21-4	Dry	4/27/2021 10:00:00 AM	5/27/2021 2:06:00 AM	Butyl benzyl phthalate	n/a	<	0.18	µg/L	EPA 625.1	0.18	1	WKL	
ME-SCR	2020/21-4	Dry	4/27/2021 10:00:00 AM	5/27/2021 2:06:00 AM	Chrysene	n/a	<	0.19	µg/L	EPA 625.1	0.19	1	WKL	
ME-SCR	2020/21-4	Dry	4/27/2021 10:00:00 AM	5/5/2021 3:58:00 AM	Chrysene	n/a	<	0.032	µg/L	EPA 8270C	0.032	0.1	WKL	
ME-SCR	2020/21-4	Dry	4/27/2021 10:00:00 AM	5/27/2021 2:06:00 AM	Dibenz(a,h)anthracene	n/a	<	0.53	µg/L	EPA 625.1	0.53	2	WKL	
ME-SCR	2020/21-4	Dry	4/27/2021 10:00:00 AM	5/5/2021 3:58:00 AM	Dibenz(a,h)anthracene	n/a	<	0.096	µg/L	EPA 8270C	0.096	0.1	WKL	
ME-SCR	2020/21-4	Dry	4/27/2021 10:00:00 AM	5/27/2021 2:06:00 AM	Diethyl phthalate	n/a	<	0.15	µg/L	EPA 625.1	0.15	1	WKL	
ME-SCR	2020/21-4	Dry	4/27/2021 10:00:00 AM	5/27/2021 2:06:00 AM	Dimethyl phthalate	n/a	<	0.18	µg/L	EPA 625.1	0.18	1	WKL	
ME-SCR	2020/21-4	Dry	4/27/2021 10:00:00 AM	5/27/2021 2:06:00 AM	Di-n-butylphthalate	n/a	DNQ	0.11	µg/L	EPA 625.1	0.1	1	WKL	
ME-SCR	2020/21-4	Dry	4/27/2021 10:00:00 AM	5/27/2021 2:06:00 AM	Di-n-octylphthalate	n/a	<	0.46	µg/L	EPA 625.1	0.46	1	WKL	
ME-SCR	2020/21-4	Dry	4/27/2021 10:00:00 AM	5/27/2021 2:06:00 AM	Fluoranthene	n/a	<	0.08	µg/L	EPA 625.1	0.08	1	WKL	
ME-SCR	2020/21-4	Dry	4/27/2021 10:00:00 AM	5/5/2021 3:58:00 AM	Fluoranthene	n/a	<	0.039	µg/L	EPA 8270C	0.039	0.1	WKL	
ME-SCR	2020/21-4	Dry	4/27/2021 10:00:00 AM	5/27/2021 2:06:00 AM	Fluorene	n/a	<	0.35	µg/L	EPA 625.1	0.35	1	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
ME-SCR	2020/21-4	Dry	4/27/2021 10:00:00 AM	5/5/2021 3:58:00 AM	Fluorene	n/a	<	0.029	µg/L	EPA 8270C	0.029	0.1	WKL	
ME-SCR	2020/21-4	Dry	4/27/2021 10:00:00 AM	5/27/2021 2:06:00 AM	Hexachlorobenzene	n/a	<	0.49	µg/L	EPA 625.1	0.49	1	WKL	
ME-SCR	2020/21-4	Dry	4/27/2021 10:00:00 AM	5/27/2021 2:06:00 AM	Hexachlorobutadiene	n/a	<	0.47	µg/L	EPA 625.1	0.47	1	WKL	
ME-SCR	2020/21-4	Dry	4/27/2021 10:00:00 AM	5/27/2021 2:06:00 AM	Hexachlorocyclopentadiene	n/a	<	0.98	µg/L	EPA 625.1	0.98	5	WKL	
ME-SCR	2020/21-4	Dry	4/27/2021 10:00:00 AM	5/27/2021 2:06:00 AM	Hexachloroethane	n/a	<	0.5	µg/L	EPA 625.1	0.5	1	WKL	
ME-SCR	2020/21-4	Dry	4/27/2021 10:00:00 AM	5/27/2021 2:06:00 AM	Indeno(1,2,3-cd)pyrene	n/a	<	0.55	µg/L	EPA 625.1	0.55	2	WKL	
ME-SCR	2020/21-4	Dry	4/27/2021 10:00:00 AM	5/5/2021 3:58:00 AM	Indeno(1,2,3-cd)pyrene	n/a	<	0.065	µg/L	EPA 8270C	0.065	0.1	WKL	
ME-SCR	2020/21-4	Dry	4/27/2021 10:00:00 AM	5/27/2021 2:06:00 AM	Isophorone	n/a	<	0.21	µg/L	EPA 625.1	0.21	1	WKL	
ME-SCR	2020/21-4	Dry	4/27/2021 10:00:00 AM	5/27/2021 2:06:00 AM	Naphthalene	n/a	<	0.49	µg/L	EPA 625.1	0.49	1	WKL	
ME-SCR	2020/21-4	Dry	4/27/2021 10:00:00 AM	5/5/2021 3:58:00 AM	Naphthalene	n/a	<	0.026	µg/L	EPA 8270C	0.026	0.1	WKL	
ME-SCR	2020/21-4	Dry	4/27/2021 10:00:00 AM	5/27/2021 2:06:00 AM	Nitrobenzene	n/a	<	0.36	µg/L	EPA 625.1	0.36	1	WKL	
ME-SCR	2020/21-4	Dry	4/27/2021 10:00:00 AM	5/27/2021 2:06:00 AM	N-Nitrosodimethylamine	n/a	<	0.5	µg/L	EPA 625.1	0.5	1	WKL	
ME-SCR	2020/21-4	Dry	4/27/2021 10:00:00 AM	5/27/2021 2:06:00 AM	N-Nitrosodi-N-propylamine	n/a	<	0.26	µg/L	EPA 625.1	0.26	1	WKL	
ME-SCR	2020/21-4	Dry	4/27/2021 10:00:00 AM	5/27/2021 2:06:00 AM	N-Nitrosodiphenylamine	n/a	<	0.19	µg/L	EPA 625.1	0.19	1	WKL	
ME-SCR	2020/21-4	Dry	4/27/2021 10:00:00 AM	5/27/2021 2:06:00 AM	Phenanthrene	n/a	<	0.32	µg/L	EPA 625.1	0.32	1	WKL	
ME-SCR	2020/21-4	Dry	4/27/2021 10:00:00 AM	5/5/2021 3:58:00 AM	Phenanthrene	n/a	<	0.029	µg/L	EPA 8270C	0.029	0.1	WKL	
ME-SCR	2020/21-4	Dry	4/27/2021 10:00:00 AM	5/27/2021 2:06:00 AM	Phenol	n/a	DNQ	0.45	µg/L	EPA 625.1	0.16	1	WKL	
ME-SCR	2020/21-4	Dry	4/27/2021 10:00:00 AM	5/24/2021 9:19:00 PM	Phenol	n/a	DNQ	0.42	µg/L	EPA 8270C	0.35	1	WKL	
ME-SCR	2020/21-4	Dry	4/27/2021 10:00:00 AM	5/27/2021 2:06:00 AM	Pyrene	n/a	<	0.25	µg/L	EPA 625.1	0.25	1	WKL	
ME-SCR	2020/21-4	Dry	4/27/2021 10:00:00 AM	5/5/2021 3:58:00 AM	Pyrene	n/a	<	0.04	µg/L	EPA 8270C	0.04	0.1	WKL	
ME-SCR	2020/21-4	Dry	4/27/2021 10:00:00 AM	5/8/2021 6:54:00 AM	PCB Aroclor 1016	n/a	<	0.2	µg/L	EPA 608.3	0.2	1	WKL	
ME-SCR	2020/21-4	Dry	4/27/2021 10:00:00 AM	5/8/2021 6:54:00 AM	PCB Aroclor 1221	n/a	<	0.2	µg/L	EPA 608.3	0.2	1	WKL	
ME-SCR	2020/21-4	Dry	4/27/2021 10:00:00 AM	5/8/2021 6:54:00 AM	PCB Aroclor 1232	n/a	<	0.2	µg/L	EPA 608.3	0.2	1	WKL	
ME-SCR	2020/21-4	Dry	4/27/2021 10:00:00 AM	5/8/2021 6:54:00 AM	PCB Aroclor 1242	n/a	<	0.2	µg/L	EPA 608.3	0.2	1	WKL	
ME-SCR	2020/21-4	Dry	4/27/2021 10:00:00 AM	5/8/2021 6:54:00 AM	PCB Aroclor 1248	n/a	<	0.2	µg/L	EPA 608.3	0.2	1	WKL	
ME-SCR	2020/21-4	Dry	4/27/2021 10:00:00 AM	5/8/2021 6:54:00 AM	PCB Aroclor 1254	n/a	<	0.2	µg/L	EPA 608.3	0.2	1	WKL	
ME-SCR	2020/21-4	Dry	4/27/2021 10:00:00 AM	5/8/2021 6:54:00 AM	PCB Aroclor 1260	n/a	<	0.2	µg/L	EPA 608.3	0.2	1	WKL	
ME-SCR	2020/21-4	Dry	4/27/2021 10:00:00 AM	5/5/2021 7:34:00 AM	2,4,5-T	n/a	<	0.11	µg/L	EPA 515.4	0.11	0.4	WKL	
ME-SCR	2020/21-4	Dry	4/27/2021 10:00:00 AM	5/5/2021 7:34:00 AM	2,4,5-TP	n/a	<	0.092	µg/L	EPA 515.4	0.092	0.4	WKL	
ME-SCR	2020/21-4	Dry	4/27/2021 10:00:00 AM	5/5/2021 7:34:00 AM	2,4-D	n/a	<	0.28	µg/L	EPA 515.4	0.28	0.8	WKL	
ME-SCR	2020/21-4	Dry	4/27/2021 10:00:00 AM	5/5/2021 7:34:00 AM	2,4-DB	n/a	<	0.38	µg/L	EPA 515.4	0.38	4	WKL	
ME-SCR	2020/21-4	Dry	4/27/2021 10:00:00 AM	5/5/2021 7:34:00 AM	3,5-Dichlorobenzoic acid	n/a	<	0.24	µg/L	EPA 515.4	0.24	2	WKL	
ME-SCR	2020/21-4	Dry	4/27/2021 10:00:00 AM	5/8/2021 6:54:00 AM	4,4'-DDD	n/a	<	0.0014	µg/L	EPA 608.3	0.0014	0.1	WKL	
ME-SCR	2020/21-4	Dry	4/27/2021 10:00:00 AM	5/8/2021 6:54:00 AM	4,4'-DDE	n/a	<	0.0014	µg/L	EPA 608.3	0.0014	0.1	WKL	
ME-SCR	2020/21-4	Dry	4/27/2021 10:00:00 AM	5/8/2021 6:54:00 AM	4,4'-DDT	n/a	<	0.0022	µg/L	EPA 608.3	0.0022	0.02	WKL	
ME-SCR	2020/21-4	Dry	4/27/2021 10:00:00 AM	5/5/2021 7:34:00 AM	Acifluorfen	n/a	<	0.14	µg/L	EPA 515.4	0.14	0.8	WKL	
ME-SCR	2020/21-4	Dry	4/27/2021 10:00:00 AM	5/13/2021 11:13:00 PM	Alachlor	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1	WKL	
ME-SCR	2020/21-4	Dry	4/27/2021 10:00:00 AM	5/8/2021 6:54:00 AM	Aldrin	n/a	<	0.002	µg/L	EPA 608.3	0.002	0.01	WKL	
ME-SCR	2020/21-4	Dry	4/27/2021 10:00:00 AM	5/8/2021 6:54:00 AM	alpha-BHC	n/a	<	0.0022	µg/L	EPA 608.3	0.0022	0.02	WKL	
ME-SCR	2020/21-4	Dry	4/27/2021 10:00:00 AM	5/8/2021 6:54:00 AM	alpha-Chlordane	n/a	<	0.0058	µg/L	EPA 608.3	0.0058	0.02	WKL	
ME-SCR	2020/21-4	Dry	4/27/2021 10:00:00 AM	5/13/2021 11:13:00 PM	Atrazine	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1	WKL	
ME-SCR	2020/21-4	Dry	4/27/2021 10:00:00 AM	5/3/2021 8:27:00 PM	Azinphos methyl	n/a	<	0.0055	µg/L	EPA 625.1m	0.0055	0.01	WKL	
ME-SCR	2020/21-4	Dry	4/27/2021 10:00:00 AM	5/5/2021 7:34:00 AM	Bentazon	n/a	<	0.46	µg/L	EPA 515.4	0.46	4	WKL	
ME-SCR	2020/21-4	Dry	4/27/2021 10:00:00 AM	5/8/2021 6:54:00 AM	beta-BHC	n/a	<	0.003	µg/L	EPA 608.3	0.003	0.01	WKL	
ME-SCR	2020/21-4	Dry	4/27/2021 10:00:00 AM	5/3/2021 8:27:00 PM	Bolstar	n/a	<	0.0046	µg/L	EPA 625.1m	0.0046	0.01	WKL	
ME-SCR	2020/21-4	Dry	4/27/2021 10:00:00 AM	5/13/2021 11:13:00 PM	Bromacil	n/a	<	0.16	µg/L	EPA 525.2	0.16	0.5	WKL	
ME-SCR	2020/21-4	Dry	4/27/2021 10:00:00 AM	5/13/2021 11:13:00 PM	Butachlor	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1	WKL	
ME-SCR	2020/21-4	Dry	4/27/2021 10:00:00 AM	5/13/2021 11:13:00 PM	Captan	n/a	<	0.16	µg/L	EPA 525.2	0.16	1	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
ME-SCR	2020/21-4	Dry	4/27/2021 10:00:00 AM	5/8/2021 6:54:00 AM	Chlordane (technical)	n/a	<	0.086	µg/L	EPA 608.3	0.086	0.2	WKL	
ME-SCR	2020/21-4	Dry	4/27/2021 10:00:00 AM	5/13/2021 11:13:00 PM	Chlorpropham	n/a	<	0.04	µg/L	EPA 525.2	0.04	0.1	WKL	
ME-SCR	2020/21-4	Dry	4/27/2021 10:00:00 AM	5/3/2021 8:27:00 PM	Chlorpyrifos	n/a	<	0.0069	µg/L	EPA 625.1m	0.0069	0.01	WKL	
ME-SCR	2020/21-4	Dry	4/27/2021 10:00:00 AM	5/3/2021 8:27:00 PM	Coumaphos	n/a	<	0.0051	µg/L	EPA 625.1m	0.0051	0.01	WKL	
ME-SCR	2020/21-4	Dry	4/27/2021 10:00:00 AM	5/13/2021 11:13:00 PM	Cyanazine	n/a	<	0.04	µg/L	EPA 525.2	0.04	0.1	WKL	
ME-SCR	2020/21-4	Dry	4/27/2021 10:00:00 AM	5/5/2021 7:34:00 AM	Dalapon	n/a	<	0.22	µg/L	EPA 515.4	0.22	0.8	WKL	
ME-SCR	2020/21-4	Dry	4/27/2021 10:00:00 AM	5/5/2021 7:34:00 AM	DCPA (Dacthal)	n/a	DNQ	0.15	µg/L	EPA 515.4	0.11	0.2	WKL	
ME-SCR	2020/21-4	Dry	4/27/2021 10:00:00 AM	5/8/2021 6:54:00 AM	delta-BHC	n/a	<	0.0038	µg/L	EPA 608.3	0.0038	0.01	WKL	
ME-SCR	2020/21-4	Dry	4/27/2021 10:00:00 AM	5/3/2021 8:27:00 PM	Demeton-O	n/a	<	0.01	µg/L	EPA 625.1m	0.01	0.01	WKL	
ME-SCR	2020/21-4	Dry	4/27/2021 10:00:00 AM	5/3/2021 8:27:00 PM	Demeton-S	n/a	<	0.01	µg/L	EPA 625.1m	0.01	0.01	WKL	
ME-SCR	2020/21-4	Dry	4/27/2021 10:00:00 AM	5/3/2021 8:27:00 PM	Diazinon	n/a	<	0.0052	µg/L	EPA 625.1m	0.0052	0.01	WKL	
ME-SCR	2020/21-4	Dry	4/27/2021 10:00:00 AM	5/13/2021 11:13:00 PM	Diazinon	n/a	<	0.05	µg/L	EPA 525.2	0.05	0.1	WKL	
ME-SCR	2020/21-4	Dry	4/27/2021 10:00:00 AM	5/5/2021 7:34:00 AM	Dicamba	n/a	<	0.15	µg/L	EPA 515.4	0.15	1.2	WKL	
ME-SCR	2020/21-4	Dry	4/27/2021 10:00:00 AM	5/5/2021 7:34:00 AM	Dichlorprop	n/a	<	0.24	µg/L	EPA 515.4	0.24	0.6	WKL	
ME-SCR	2020/21-4	Dry	4/27/2021 10:00:00 AM	5/3/2021 8:27:00 PM	Dichlorvos	n/a	<	0.0029	µg/L	EPA 625.1m	0.0029	0.01	WKL	
ME-SCR	2020/21-4	Dry	4/27/2021 10:00:00 AM	5/8/2021 6:54:00 AM	Dieldrin	n/a	<	0.0016	µg/L	EPA 608.3	0.0016	0.02	WKL	
ME-SCR	2020/21-4	Dry	4/27/2021 10:00:00 AM	5/13/2021 11:13:00 PM	Dimethoate	n/a	<	0.02	µg/L	EPA 525.2	0.02	0.2	WKL	
ME-SCR	2020/21-4	Dry	4/27/2021 10:00:00 AM	5/3/2021 8:27:00 PM	Dimethoate	n/a	<	0.0062	µg/L	EPA 625.1m	0.0062	0.01	WKL	
ME-SCR	2020/21-4	Dry	4/27/2021 10:00:00 AM	5/5/2021 7:34:00 AM	Dinoseb	n/a	<	0.11	µg/L	EPA 515.4	0.11	0.8	WKL	
ME-SCR	2020/21-4	Dry	4/27/2021 10:00:00 AM	5/13/2021 11:13:00 PM	Diphenamid	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1	WKL	
ME-SCR	2020/21-4	Dry	4/27/2021 10:00:00 AM	5/13/2021 11:13:00 PM	Disulfoton	n/a	<	0.04	µg/L	EPA 525.2	0.04	0.1	WKL	
ME-SCR	2020/21-4	Dry	4/27/2021 10:00:00 AM	5/3/2021 8:27:00 PM	Disulfoton	n/a	<	0.01	µg/L	EPA 625.1m	0.01	0.01	WKL	
ME-SCR	2020/21-4	Dry	4/27/2021 10:00:00 AM	5/8/2021 6:54:00 AM	Endosulfan I	n/a	<	0.0018	µg/L	EPA 608.3	0.0018	0.04	WKL	
ME-SCR	2020/21-4	Dry	4/27/2021 10:00:00 AM	5/8/2021 6:54:00 AM	Endosulfan II	n/a	<	0.0014	µg/L	EPA 608.3	0.0014	0.02	WKL	
ME-SCR	2020/21-4	Dry	4/27/2021 10:00:00 AM	5/8/2021 6:54:00 AM	Endosulfan sulfate	n/a	<	0.0026	µg/L	EPA 608.3	0.0026	0.1	WKL	
ME-SCR	2020/21-4	Dry	4/27/2021 10:00:00 AM	5/8/2021 6:54:00 AM	Endrin	n/a	<	0.0034	µg/L	EPA 608.3	0.0034	0.02	WKL	
ME-SCR	2020/21-4	Dry	4/27/2021 10:00:00 AM	5/8/2021 6:54:00 AM	Endrin aldehyde	n/a	<	0.0038	µg/L	EPA 608.3	0.0038	0.02	WKL	
ME-SCR	2020/21-4	Dry	4/27/2021 10:00:00 AM	5/13/2021 11:13:00 PM	EPTC	n/a	<	0.02	µg/L	EPA 525.2	0.02	0.1	WKL	
ME-SCR	2020/21-4	Dry	4/27/2021 10:00:00 AM	5/3/2021 8:27:00 PM	Ethoprop	n/a	<	0.0067	µg/L	EPA 625.1m	0.0067	0.01	WKL	
ME-SCR	2020/21-4	Dry	4/27/2021 10:00:00 AM	5/3/2021 8:27:00 PM	Ethyl parathion	n/a	<	0.0054	µg/L	EPA 625.1m	0.0054	0.01	WKL	
ME-SCR	2020/21-4	Dry	4/27/2021 10:00:00 AM	5/3/2021 8:27:00 PM	Fensulfothion	n/a	<	0.0029	µg/L	EPA 625.1m	0.0029	0.01	WKL	
ME-SCR	2020/21-4	Dry	4/27/2021 10:00:00 AM	5/3/2021 8:27:00 PM	Fenthion	n/a	<	0.0038	µg/L	EPA 625.1m	0.0038	0.01	WKL	
ME-SCR	2020/21-4	Dry	4/27/2021 10:00:00 AM	5/8/2021 6:54:00 AM	gamma-BHC (Lindane)	n/a	<	0.0008	µg/L	EPA 608.3	0.0008	0.04	WKL	
ME-SCR	2020/21-4	Dry	4/27/2021 10:00:00 AM	5/8/2021 6:54:00 AM	gamma-Chlordane	n/a	<	0.0046	µg/L	EPA 608.3	0.0046	0.02	WKL	
ME-SCR	2020/21-4	Dry	4/27/2021 10:00:00 AM	5/3/2021 9:19:00 PM	Glyphosate	n/a	<	1.8	µg/L	EPA 547	1.8	5	WKL	
ME-SCR	2020/21-4	Dry	4/27/2021 10:00:00 AM	5/8/2021 6:54:00 AM	Heptachlor	n/a	<	0.0012	µg/L	EPA 608.3	0.0012	0.02	WKL	
ME-SCR	2020/21-4	Dry	4/27/2021 10:00:00 AM	5/8/2021 6:54:00 AM	Heptachlor epoxide	n/a	<	0.0008	µg/L	EPA 608.3	0.0008	0.02	WKL	
ME-SCR	2020/21-4	Dry	4/27/2021 10:00:00 AM	5/3/2021 8:27:00 PM	Malathion	n/a	<	0.0076	µg/L	EPA 625.1m	0.0076	0.01	WKL	
ME-SCR	2020/21-4	Dry	4/27/2021 10:00:00 AM	5/3/2021 8:27:00 PM	Merphos	n/a	<	0.0058	µg/L	EPA 625.1m	0.0058	0.01	WKL	
ME-SCR	2020/21-4	Dry	4/27/2021 10:00:00 AM	5/3/2021 8:27:00 PM	Methyl parathion	n/a	<	0.0063	µg/L	EPA 625.1m	0.0063	0.01	WKL	
ME-SCR	2020/21-4	Dry	4/27/2021 10:00:00 AM	5/13/2021 11:13:00 PM	Metolachlor	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1	WKL	
ME-SCR	2020/21-4	Dry	4/27/2021 10:00:00 AM	5/13/2021 11:13:00 PM	Metribuzin	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1	WKL	
ME-SCR	2020/21-4	Dry	4/27/2021 10:00:00 AM	5/3/2021 8:27:00 PM	Mevinphos	n/a	<	0.0042	µg/L	EPA 625.1m	0.0042	0.01	WKL	
ME-SCR	2020/21-4	Dry	4/27/2021 10:00:00 AM	5/13/2021 11:13:00 PM	Molinate	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1	WKL	
ME-SCR	2020/21-4	Dry	4/27/2021 10:00:00 AM	5/3/2021 8:27:00 PM	Naled	n/a	<	0.0076	µg/L	EPA 625.1m	0.0076	0.01	WKL	
ME-SCR	2020/21-4	Dry	4/27/2021 10:00:00 AM	5/27/2021 2:06:00 AM	Pentachlorophenol	n/a	<	0.4	µg/L	EPA 625.1	0.4	1	WKL	
ME-SCR	2020/21-4	Dry	4/27/2021 10:00:00 AM	5/24/2021 9:19:00 PM	Pentachlorophenol	n/a	<	0.15	µg/L	EPA 8270C	0.15	1	WKL	
ME-SCR	2020/21-4	Dry	4/27/2021 10:00:00 AM	5/5/2021 7:34:00 AM	Pentachlorophenol	n/a	<	0.092	µg/L	EPA 515.4	0.092	0.4	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
ME-SCR	2020/21-4	Dry	4/27/2021 10:00:00 AM	5/3/2021 8:27:00 PM	Phorate	n/a	<	0.003	µg/L	EPA 625.1m	0.003	0.01	WKL	
ME-SCR	2020/21-4	Dry	4/27/2021 10:00:00 AM	5/5/2021 7:34:00 AM	Picloram	n/a	<	0.076	µg/L	EPA 515.4	0.076	1.2	WKL	
ME-SCR	2020/21-4	Dry	4/27/2021 10:00:00 AM	5/13/2021 11:13:00 PM	Prometon	n/a	<	0.01	µg/L	EPA 525.2	0.01	0.1	WKL	
ME-SCR	2020/21-4	Dry	4/27/2021 10:00:00 AM	5/13/2021 11:13:00 PM	Prometryn	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1	WKL	
ME-SCR	2020/21-4	Dry	4/27/2021 10:00:00 AM	5/3/2021 8:27:00 PM	Ronnel (Fenchlorphos)	n/a	<	0.0041	µg/L	EPA 625.1m	0.0041	0.01	WKL	
ME-SCR	2020/21-4	Dry	4/27/2021 10:00:00 AM	5/13/2021 11:13:00 PM	Simazine	n/a	<	0.02	µg/L	EPA 525.2	0.02	0.1	WKL	
ME-SCR	2020/21-4	Dry	4/27/2021 10:00:00 AM	5/3/2021 8:27:00 PM	Stirophos (Tetrachlorvinphos)	n/a	<	0.0031	µg/L	EPA 625.1m	0.0031	0.01	WKL	
ME-SCR	2020/21-4	Dry	4/27/2021 10:00:00 AM	5/13/2021 11:13:00 PM	Terbacil	n/a	<	0.09	µg/L	EPA 525.2	0.09	2	WKL	
ME-SCR	2020/21-4	Dry	4/27/2021 10:00:00 AM	5/13/2021 11:13:00 PM	Thiobencarb	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1	WKL	
ME-SCR	2020/21-4	Dry	4/27/2021 10:00:00 AM	5/3/2021 8:27:00 PM	Tokuthion	n/a	<	0.0078	µg/L	EPA 625.1m	0.0078	0.01	WKL	
ME-SCR	2020/21-4	Dry	4/27/2021 10:00:00 AM	5/8/2021 6:54:00 AM	Toxaphene	n/a	<	0.5	µg/L	EPA 608.3	0.5	1	WKL	
ME-SCR	2020/21-4	Dry	4/27/2021 10:00:00 AM	5/3/2021 8:27:00 PM	Trichloronate	n/a	<	0.0067	µg/L	EPA 625.1m	0.0067	0.01	WKL	
ME-SCR	2020/21-4	Dry	4/27/2021 10:00:00 AM	5/13/2021 11:13:00 PM	Trithion	n/a	<	0.02	µg/L	EPA 525.2	0.02	0.1	WKL	
ME-SCR	2020/21-4	Dry	4/27/2021 10:10:00 AM	4/28/2021 9:45:00 AM	E. Coli	n/a	=	110	MPN/100 mL	SM 9223 B	-88	10	WKL	
ME-SCR	2020/21-4	Dry	4/27/2021 10:10:00 AM	4/28/2021 9:45:00 AM	Total Coliform	n/a	=	6900	MPN/100 mL	SM 9223 B	-88	10	WKL	
ME-SCR	2020/21-4	Dry	4/27/2021 10:10:00 AM	4/27/2021 10:10:00 AM	Conductivity	n/a	=	1562	µmhos/cm	Field Meter	-88	1	Field Crew	
ME-SCR	2020/21-4	Dry	4/27/2021 10:10:00 AM	5/4/2021 2:31:00 PM	Cyanide	Total	<	0.0003	mg/L	ASTM D7511	0.0003	0.002	WKL	
ME-SCR	2020/21-4	Dry	4/27/2021 10:10:00 AM	4/27/2021 10:10:00 AM	DO	n/a	=	117	%	Field Meter	-88	0.1	Field Crew	
ME-SCR	2020/21-4	Dry	4/27/2021 10:10:00 AM	4/27/2021 10:10:00 AM	DO	n/a	=	11.41	mg/L	Field Meter	-88	0.3	Field Crew	
ME-SCR	2020/21-4	Dry	4/27/2021 10:10:00 AM	4/27/2021 10:10:00 AM	pH	n/a	=	7.94	pH Units	Field Meter	-88	0.01	Field Crew	
ME-SCR	2020/21-4	Dry	4/27/2021 10:10:00 AM	4/27/2021 10:10:00 AM	Salinity	n/a	=	1000	mg/L	Field Meter	-88	100	Field Crew	
ME-SCR	2020/21-4	Dry	4/27/2021 10:10:00 AM	4/27/2021 10:10:00 AM	Specific Conductance	n/a	=	1902	µmhos/cm	Field Meter	-88	1	Field Crew	
ME-SCR	2020/21-4	Dry	4/27/2021 10:10:00 AM	4/27/2021 10:10:00 AM	Temperature	n/a	=	15.9	°C	Field Meter	-88	0.1	Field Crew	
ME-SCR	2020/21-4	Dry	4/27/2021 10:10:00 AM	5/3/2021 11:17:00 PM	Gasoline Range Organics	n/a	<	0.065	mg/L	LUFT GC/MS	0.065	0.1	WKL	
ME-SCR	2020/21-4	Dry	4/27/2021 10:10:00 AM	4/28/2021 5:44:00 PM	Oil and Grease	n/a	DNQ	2.2	mg/L	EPA 1664B	0.7	5	WKL	
ME-VR2	2020/21-1	Wet	12/28/2020 7:00:00 AM	12/29/2020 11:58:00 AM	E. Coli	n/a	=	464	MPN/100 mL	MMO-MUG	10	10	VCHCA	
ME-VR2	2020/21-1	Wet	12/28/2020 7:00:00 AM	12/29/2020 11:58:00 AM	Total Coliform	n/a	=	4611	MPN/100 mL	MMO-MUG	10	10	VCHCA	
ME-VR2	2020/21-1	Wet	12/28/2020 7:00:00 AM	12/28/2020 7:00:00 AM	Conductivity	n/a	=	843	µmhos/cm	Field Meter	-88	1	Field Crew	
ME-VR2	2020/21-1	Wet	12/28/2020 7:00:00 AM	1/5/2021 2:27:00 PM	Cyanide	Total	<	0.0003	mg/L	ASTM D7511	0.0003	0.002	WKL	
ME-VR2	2020/21-1	Wet	12/28/2020 7:00:00 AM	12/28/2020 7:00:00 AM	DO	n/a	=	65.5	%	Field Meter	-88	0.1	Field Crew	
ME-VR2	2020/21-1	Wet	12/28/2020 7:00:00 AM	12/28/2020 7:00:00 AM	DO	n/a	=	7.06	mg/L	Field Meter	-88	0.3	Field Crew	
ME-VR2	2020/21-1	Wet	12/28/2020 7:00:00 AM	12/28/2020 7:00:00 AM	pH	n/a	=	7.78	pH Units	Field Meter	-88	0.01	Field Crew	
ME-VR2	2020/21-1	Wet	12/28/2020 7:00:00 AM	12/28/2020 7:00:00 AM	Salinity	n/a	=	600	mg/L	Field Meter	-88	100	Field Crew	
ME-VR2	2020/21-1	Wet	12/28/2020 7:00:00 AM	12/28/2020 7:00:00 AM	Specific Conductance	n/a	=	1125	µmhos/cm	Field Meter	-88	1	Field Crew	
ME-VR2	2020/21-1	Wet	12/28/2020 7:00:00 AM	12/28/2020 7:00:00 AM	Temperature	n/a	=	11.8	°C	Field Meter	-88	0.1	Field Crew	
ME-VR2	2020/21-1	Wet	12/28/2020 7:00:00 AM	1/3/2021 6:42:00 PM	Gasoline Range Organics	n/a	<	0.065	mg/L	LUFT GC/MS	0.065	0.1	WKL	
ME-VR2	2020/21-1	Wet	12/28/2020 7:00:00 AM	1/15/2021 5:19:00 PM	Oil and Grease	n/a	DNQ	1	mg/L	EPA 1664B	0.7	5	WKL	
ME-VR2	2020/21-1	Wet	12/28/2020 7:00:00 AM	12/29/2020 12:56:00 PM	2-Chloroethyl vinyl ether	n/a	<	0.19	µg/L	EPA 624.1	0.19	1	WKL	
ME-VR2	2020/21-1	Wet	12/28/2020 7:00:00 AM	12/29/2020 12:56:00 PM	Methyl tert-butyl ether (MTBE)	n/a	<	0.4	µg/L	EPA 624.1	0.4	1	WKL	
ME-VR2	2020/21-1	Wet	12/28/2020 10:45:00 AM	12/30/2020 2:09:00 AM	Chloride	n/a	=	56	mg/L	EPA 300.0	0.17	1	WKL	
ME-VR2	2020/21-1	Wet	12/28/2020 10:45:00 AM	12/30/2020 2:09:00 AM	Fluoride	n/a	=	0.35	mg/L	EPA 300.0	0.018	0.2	WKL	
ME-VR2	2020/21-1	Wet	12/28/2020 10:45:00 AM	12/30/2020 9:10:00 PM	Perchlorate	n/a	DNQ	0.98	µg/L	EPA 314.0	0.84	2	WKL	
ME-VR2	2020/21-1	Wet	12/28/2020 10:45:00 AM	1/2/2021 11:44:00 AM	Calcium	Total	=	131	mg/L	EPA 200.7	0.016	0.1	WKL	
ME-VR2	2020/21-1	Wet	12/28/2020 10:45:00 AM	1/2/2021 11:44:00 AM	Magnesium	Total	=	37.4	mg/L	EPA 200.7	0.012	0.1	WKL	
ME-VR2	2020/21-1	Wet	12/28/2020 10:45:00 AM	1/4/2021 12:11:00 PM	Alkalinity as CaCO3	n/a	=	240	mg/L	SM 2320 B	0.56	5	WKL	
ME-VR2	2020/21-1	Wet	12/28/2020 10:45:00 AM	1/3/2021 12:02:00 PM	BOD	n/a	=	3.2	mg/L	SM 5210 B	2	2	WKL	
ME-VR2	2020/21-1	Wet	12/28/2020 10:45:00 AM	12/30/2020 12:38:00 PM	COD	n/a	=	12	mg/L	EPA 410.4	2.9	5	WKL	
ME-VR2	2020/21-1	Wet	12/28/2020 10:45:00 AM	1/2/2021 11:44:00 AM	Hardness as CaCO3	Total	=	482	mg/L	EPA 200.7	0.0894	0.662	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
ME-VR2	2020/21-1	Wet	12/28/2020 10:45:00 AM	12/29/2020 3:15:00 PM	MBAS	n/a	DNQ	0.02	mg/L	SM 5540 C	0.017	0.05	WKL	
ME-VR2	2020/21-1	Wet	12/28/2020 10:45:00 AM	1/5/2021 1:33:00 PM	Phenolics	n/a	<	0.0032	mg/L	EPA 420.4	0.0032	0.01	WKL	
ME-VR2	2020/21-1	Wet	12/28/2020 10:45:00 AM	1/5/2021 12:40:00 PM	Specific Conductance	n/a	=	1200	µmhos/cm	SM 2510 B	0.23	2	WKL	
ME-VR2	2020/21-1	Wet	12/28/2020 10:45:00 AM	12/30/2020 6:44:00 PM	Total Dissolved Solids	n/a	=	820	mg/L	SM 2540 C	4	10	WKL	
ME-VR2	2020/21-1	Wet	12/28/2020 10:45:00 AM	12/30/2020 2:24:00 PM	Total Organic Carbon	n/a	=	4.8	mg/L	SM 5310 B	0.096	0.3	WKL	
ME-VR2	2020/21-1	Wet	12/28/2020 10:45:00 AM	12/30/2020 12:43:00 PM	Total Suspended Solids	n/a	=	10	mg/L	SM 2540 D	-88	5	WKL	
ME-VR2	2020/21-1	Wet	12/28/2020 10:45:00 AM	12/29/2020 3:28:00 PM	Turbidity	n/a	=	6	NTU	EPA 180.1	0.017	0.1	WKL	
ME-VR2	2020/21-1	Wet	12/28/2020 10:45:00 AM	12/30/2020 12:43:00 PM	Volatile Suspended Solids	n/a	<	3.1	mg/L	EPA 160.4	3.1	5	WKL	
ME-VR2	2020/21-1	Wet	12/28/2020 10:45:00 AM	1/11/2021 9:45:00 PM	Diesel Range Organics	n/a	DNQ	0.093	mg/L	EPA 8015B	0.032	0.1	WKL	UL-MB
ME-VR2	2020/21-1	Wet	12/28/2020 10:45:00 AM	1/11/2021 9:45:00 PM	Oil Range Organics	n/a	<	0.33	mg/L	EPA 8015B	0.33	0.5	WKL	
ME-VR2	2020/21-1	Wet	12/28/2020 10:45:00 AM	1/4/2021 3:24:00 PM	Aluminum	Dissolved	<	4.4	µg/L	EPA 200.8	4.4	20	WKL	
ME-VR2	2020/21-1	Wet	12/28/2020 10:45:00 AM	1/4/2021 3:27:00 PM	Aluminum	Total	=	220	µg/L	EPA 200.8	4.4	20	WKL	
ME-VR2	2020/21-1	Wet	12/28/2020 10:45:00 AM	1/4/2021 3:24:00 PM	Antimony	Dissolved	DNQ	0.095	µg/L	EPA 200.8	0.089	0.5	WKL	
ME-VR2	2020/21-1	Wet	12/28/2020 10:45:00 AM	1/4/2021 3:27:00 PM	Antimony	Total	DNQ	0.12	µg/L	EPA 200.8	0.089	0.5	WKL	
ME-VR2	2020/21-1	Wet	12/28/2020 10:45:00 AM	1/4/2021 3:24:00 PM	Arsenic	Dissolved	=	0.46	µg/L	EPA 200.8	0.074	0.4	WKL	
ME-VR2	2020/21-1	Wet	12/28/2020 10:45:00 AM	1/4/2021 3:27:00 PM	Arsenic	Total	=	0.55	µg/L	EPA 200.8	0.074	0.4	WKL	
ME-VR2	2020/21-1	Wet	12/28/2020 10:45:00 AM	1/4/2021 3:27:00 PM	Barium	Total	=	53	µg/L	EPA 200.8	0.14	1	WKL	
ME-VR2	2020/21-1	Wet	12/28/2020 10:45:00 AM	1/4/2021 3:24:00 PM	Beryllium	Dissolved	<	0.062	µg/L	EPA 200.8	0.062	0.1	WKL	
ME-VR2	2020/21-1	Wet	12/28/2020 10:45:00 AM	1/4/2021 3:27:00 PM	Beryllium	Total	<	0.062	µg/L	EPA 200.8	0.062	0.1	WKL	
ME-VR2	2020/21-1	Wet	12/28/2020 10:45:00 AM	1/4/2021 3:24:00 PM	Cadmium	Dissolved	<	0.042	µg/L	EPA 200.8	0.042	0.2	WKL	
ME-VR2	2020/21-1	Wet	12/28/2020 10:45:00 AM	1/4/2021 3:27:00 PM	Cadmium	Total	DNQ	0.049	µg/L	EPA 200.8	0.042	0.2	WKL	
ME-VR2	2020/21-1	Wet	12/28/2020 10:45:00 AM	1/4/2021 3:24:00 PM	Chromium	Dissolved	=	0.2	µg/L	EPA 200.8	0.089	0.2	WKL	
ME-VR2	2020/21-1	Wet	12/28/2020 10:45:00 AM	1/4/2021 3:27:00 PM	Chromium	Total	=	0.75	µg/L	EPA 200.8	0.089	0.2	WKL	
ME-VR2	2020/21-1	Wet	12/28/2020 10:45:00 AM	12/30/2020 2:48:00 PM	Chromium VI	n/a	=	0.2	µg/L	EPA 218.6	0.0079	0.02	WKL	
ME-VR2	2020/21-1	Wet	12/28/2020 10:45:00 AM	1/4/2021 3:24:00 PM	Copper	Dissolved	=	1	µg/L	EPA 200.8	0.23	0.5	WKL	
ME-VR2	2020/21-1	Wet	12/28/2020 10:45:00 AM	1/4/2021 3:27:00 PM	Copper	Total	=	1.7	µg/L	EPA 200.8	0.23	0.5	WKL	
ME-VR2	2020/21-1	Wet	12/28/2020 10:45:00 AM	1/4/2021 3:24:00 PM	Iron	Dissolved	=	45	µg/L	EPA 200.8	3.9	20	WKL	
ME-VR2	2020/21-1	Wet	12/28/2020 10:45:00 AM	1/4/2021 3:27:00 PM	Iron	Total	=	400	µg/L	EPA 200.8	3.9	20	WKL	
ME-VR2	2020/21-1	Wet	12/28/2020 10:45:00 AM	1/4/2021 3:24:00 PM	Lead	Dissolved	<	0.083	µg/L	EPA 200.8	0.083	0.2	WKL	
ME-VR2	2020/21-1	Wet	12/28/2020 10:45:00 AM	1/4/2021 3:27:00 PM	Lead	Total	=	0.43	µg/L	EPA 200.8	0.083	0.2	WKL	UL-MB
ME-VR2	2020/21-1	Wet	12/28/2020 10:45:00 AM	1/5/2021 2:15:00 PM	Mercury	Dissolved	<	17	ng/L	EPA 245.1	17	50	WKL	
ME-VR2	2020/21-1	Wet	12/28/2020 10:45:00 AM	1/5/2021 2:17:00 PM	Mercury	Total	<	17	ng/L	EPA 245.1	17	50	WKL	
ME-VR2	2020/21-1	Wet	12/28/2020 10:45:00 AM	1/4/2021 3:24:00 PM	Nickel	Dissolved	DNQ	1.7	µg/L	EPA 200.8	0.16	2	WKL	
ME-VR2	2020/21-1	Wet	12/28/2020 10:45:00 AM	1/4/2021 3:27:00 PM	Nickel	Total	=	2.2	µg/L	EPA 200.8	0.16	2	WKL	
ME-VR2	2020/21-1	Wet	12/28/2020 10:45:00 AM	1/4/2021 3:24:00 PM	Selenium	Dissolved	=	1.1	µg/L	EPA 200.8	0.067	0.4	WKL	
ME-VR2	2020/21-1	Wet	12/28/2020 10:45:00 AM	1/4/2021 3:27:00 PM	Selenium	Total	=	1.1	µg/L	EPA 200.8	0.067	0.4	WKL	
ME-VR2	2020/21-1	Wet	12/28/2020 10:45:00 AM	1/4/2021 3:24:00 PM	Silver	Dissolved	DNQ	0.088	µg/L	EPA 200.8	0.03	0.2	WKL	
ME-VR2	2020/21-1	Wet	12/28/2020 10:45:00 AM	1/4/2021 3:27:00 PM	Silver	Total	<	0.03	µg/L	EPA 200.8	0.03	0.2	WKL	
ME-VR2	2020/21-1	Wet	12/28/2020 10:45:00 AM	1/4/2021 3:24:00 PM	Thallium	Dissolved	<	0.021	µg/L	EPA 200.8	0.021	0.2	WKL	
ME-VR2	2020/21-1	Wet	12/28/2020 10:45:00 AM	1/4/2021 3:27:00 PM	Thallium	Total	<	0.021	µg/L	EPA 200.8	0.021	0.2	WKL	
ME-VR2	2020/21-1	Wet	12/28/2020 10:45:00 AM	1/4/2021 3:24:00 PM	Zinc	Dissolved	DNQ	1.9	µg/L	EPA 200.8	0.8	10	WKL	UL-MB
ME-VR2	2020/21-1	Wet	12/28/2020 10:45:00 AM	1/4/2021 3:27:00 PM	Zinc	Total	DNQ	3.2	µg/L	EPA 200.8	0.8	10	WKL	
ME-VR2	2020/21-1	Wet	12/28/2020 10:45:00 AM	12/29/2020 6:12:00 PM	Ammonia as N	n/a	<	0.047	mg/L	EPA 350.1	0.047	0.1	WKL	
ME-VR2	2020/21-1	Wet	12/28/2020 10:45:00 AM	12/29/2020 12:39:00 PM	Nitrate + Nitrite as N	n/a	=	0.37	mg/L	EPA 353.2	0.036	0.2	WKL	
ME-VR2	2020/21-1	Wet	12/28/2020 10:45:00 AM	1/2/2021 11:41:00 AM	Phosphorus as P	Dissolved	=	0.029	mg/L	EPA 200.7	0.012	0.02	WKL	
ME-VR2	2020/21-1	Wet	12/28/2020 10:45:00 AM	1/2/2021 11:44:00 AM	Phosphorus as P	Total	=	0.068	mg/L	EPA 200.7	0.012	0.02	WKL	
ME-VR2	2020/21-1	Wet	12/28/2020 10:45:00 AM	12/31/2020 1:24:00 PM	TKN	n/a	=	0.16	mg/L	EPA 351.2	0.065	0.1	WKL	
ME-VR2	2020/21-1	Wet	12/28/2020 10:45:00 AM	2/2/2021 8:30:00 PM	1,2,4-Trichlorobenzene	n/a	<	0.49	µg/L	EPA 625.1	0.49	1	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
ME-VR2	2020/21-1	Wet	12/28/2020 10:45:00 AM	2/2/2021 8:30:00 PM	1,2-Dichlorobenzene	n/a	<	0.46	µg/L	EPA 625.1	0.46	1	WKL	
ME-VR2	2020/21-1	Wet	12/28/2020 10:45:00 AM	2/2/2021 8:30:00 PM	1,2-Diphenylhydrazine	n/a	<	0.3	µg/L	EPA 625.1	0.3	1	WKL	
ME-VR2	2020/21-1	Wet	12/28/2020 10:45:00 AM	2/2/2021 8:30:00 PM	1,3-Dichlorobenzene	n/a	<	0.42	µg/L	EPA 625.1	0.42	1	WKL	
ME-VR2	2020/21-1	Wet	12/28/2020 10:45:00 AM	2/2/2021 8:30:00 PM	1,4-Dichlorobenzene	n/a	<	0.48	µg/L	EPA 625.1	0.48	1	WKL	
ME-VR2	2020/21-1	Wet	12/28/2020 10:45:00 AM	1/30/2021 7:00:00 PM	1-Methylnaphthalene	n/a	<	0.024	µg/L	EPA 8270C	0.024	0.1	WKL	
ME-VR2	2020/21-1	Wet	12/28/2020 10:45:00 AM	2/2/2021 12:41:00 AM	2,4,5-Trichlorophenol	n/a	<	0.29	µg/L	EPA 8270C	0.29	1	WKL	
ME-VR2	2020/21-1	Wet	12/28/2020 10:45:00 AM	2/2/2021 8:30:00 PM	2,4,6-Trichlorophenol	n/a	<	0.22	µg/L	EPA 625.1	0.22	1	WKL	
ME-VR2	2020/21-1	Wet	12/28/2020 10:45:00 AM	2/2/2021 12:41:00 AM	2,4,6-Trichlorophenol	n/a	<	0.3	µg/L	EPA 8270C	0.3	1	WKL	
ME-VR2	2020/21-1	Wet	12/28/2020 10:45:00 AM	2/2/2021 8:30:00 PM	2,4-Dichlorophenol	n/a	<	0.26	µg/L	EPA 625.1	0.26	1	WKL	
ME-VR2	2020/21-1	Wet	12/28/2020 10:45:00 AM	2/2/2021 12:41:00 AM	2,4-Dichlorophenol	n/a	<	0.51	µg/L	EPA 8270C	0.51	1	WKL	
ME-VR2	2020/21-1	Wet	12/28/2020 10:45:00 AM	2/2/2021 8:30:00 PM	2,4-Dimethylphenol	n/a	<	0.3	µg/L	EPA 625.1	0.3	1	WKL	
ME-VR2	2020/21-1	Wet	12/28/2020 10:45:00 AM	2/2/2021 12:41:00 AM	2,4-Dimethylphenol	n/a	<	1	µg/L	EPA 8270C	1	2	WKL	LB-LCSR
ME-VR2	2020/21-1	Wet	12/28/2020 10:45:00 AM	2/2/2021 8:30:00 PM	2,4-Dinitrophenol	n/a	<	1.9	µg/L	EPA 625.1	1.9	10	WKL	
ME-VR2	2020/21-1	Wet	12/28/2020 10:45:00 AM	2/2/2021 12:41:00 AM	2,4-Dinitrophenol	n/a	<	1	µg/L	EPA 8270C	1	2	WKL	
ME-VR2	2020/21-1	Wet	12/28/2020 10:45:00 AM	2/2/2021 8:30:00 PM	2,4-Dinitrotoluene	n/a	<	0.18	µg/L	EPA 625.1	0.18	1	WKL	
ME-VR2	2020/21-1	Wet	12/28/2020 10:45:00 AM	2/2/2021 8:30:00 PM	2,6-Dinitrotoluene	n/a	<	0.27	µg/L	EPA 625.1	0.27	1	WKL	
ME-VR2	2020/21-1	Wet	12/28/2020 10:45:00 AM	2/2/2021 8:30:00 PM	2-Chloronaphthalene	n/a	<	0.45	µg/L	EPA 625.1	0.45	1	WKL	
ME-VR2	2020/21-1	Wet	12/28/2020 10:45:00 AM	2/2/2021 12:41:00 AM	2-Chlorophenol	n/a	<	0.65	µg/L	EPA 8270C	0.65	1	WKL	
ME-VR2	2020/21-1	Wet	12/28/2020 10:45:00 AM	2/2/2021 8:30:00 PM	2-Chlorophenol	n/a	<	0.28	µg/L	EPA 625.1	0.28	1	WKL	
ME-VR2	2020/21-1	Wet	12/28/2020 10:45:00 AM	1/30/2021 7:00:00 PM	2-Methylnaphthalene	n/a	<	0.026	µg/L	EPA 8270C	0.026	0.1	WKL	
ME-VR2	2020/21-1	Wet	12/28/2020 10:45:00 AM	2/2/2021 12:41:00 AM	2-Methylphenol	n/a	<	0.34	µg/L	EPA 8270C	0.34	1	WKL	
ME-VR2	2020/21-1	Wet	12/28/2020 10:45:00 AM	2/2/2021 12:41:00 AM	2-Nitrophenol	n/a	<	0.71	µg/L	EPA 8270C	0.71	1	WKL	
ME-VR2	2020/21-1	Wet	12/28/2020 10:45:00 AM	2/2/2021 8:30:00 PM	2-Nitrophenol	n/a	<	0.26	µg/L	EPA 625.1	0.26	1	WKL	
ME-VR2	2020/21-1	Wet	12/28/2020 10:45:00 AM	2/2/2021 8:30:00 PM	3,3'-Dichlorobenzidine	n/a	<	0.99	µg/L	EPA 625.1	0.99	5	WKL	
ME-VR2	2020/21-1	Wet	12/28/2020 10:45:00 AM	2/2/2021 12:41:00 AM	3-4-Methylphenol	n/a	<	0.3	µg/L	EPA 8270C	0.3	1	WKL	
ME-VR2	2020/21-1	Wet	12/28/2020 10:45:00 AM	2/2/2021 12:41:00 AM	4,6-Dinitro-2-methylphenol	n/a	<	0.14	µg/L	EPA 8270C	0.14	1	WKL	
ME-VR2	2020/21-1	Wet	12/28/2020 10:45:00 AM	2/2/2021 8:30:00 PM	4,6-Dinitro-2-methylphenol	n/a	<	1.4	µg/L	EPA 625.1	1.4	5	WKL	
ME-VR2	2020/21-1	Wet	12/28/2020 10:45:00 AM	2/2/2021 8:30:00 PM	4-Bromophenyl phenyl ether	n/a	<	0.36	µg/L	EPA 625.1	0.36	1	WKL	
ME-VR2	2020/21-1	Wet	12/28/2020 10:45:00 AM	2/2/2021 12:41:00 AM	4-Chloro-3-methylphenol	n/a	<	0.37	µg/L	EPA 8270C	0.37	1	WKL	
ME-VR2	2020/21-1	Wet	12/28/2020 10:45:00 AM	2/2/2021 8:30:00 PM	4-Chloro-3-methylphenol	n/a	<	0.23	µg/L	EPA 625.1	0.23	1	WKL	
ME-VR2	2020/21-1	Wet	12/28/2020 10:45:00 AM	2/2/2021 8:30:00 PM	4-Chlorophenyl phenyl ether	n/a	<	0.41	µg/L	EPA 625.1	0.41	1	WKL	
ME-VR2	2020/21-1	Wet	12/28/2020 10:45:00 AM	2/2/2021 8:30:00 PM	4-Nitrophenol	n/a	<	1.2	µg/L	EPA 625.1	1.2	5	WKL	
ME-VR2	2020/21-1	Wet	12/28/2020 10:45:00 AM	2/2/2021 12:41:00 AM	4-Nitrophenol	n/a	<	1	µg/L	EPA 8270C	1	2	WKL	
ME-VR2	2020/21-1	Wet	12/28/2020 10:45:00 AM	2/2/2021 8:30:00 PM	Acenaphthene	n/a	<	0.38	µg/L	EPA 625.1	0.38	1	WKL	
ME-VR2	2020/21-1	Wet	12/28/2020 10:45:00 AM	1/30/2021 7:00:00 PM	Acenaphthene	n/a	<	0.028	µg/L	EPA 8270C	0.028	0.1	WKL	
ME-VR2	2020/21-1	Wet	12/28/2020 10:45:00 AM	1/30/2021 7:00:00 PM	Acenaphthylene	n/a	<	0.033	µg/L	EPA 8270C	0.033	0.1	WKL	
ME-VR2	2020/21-1	Wet	12/28/2020 10:45:00 AM	2/2/2021 8:30:00 PM	Acenaphthylene	n/a	<	0.17	µg/L	EPA 625.1	0.17	1	WKL	
ME-VR2	2020/21-1	Wet	12/28/2020 10:45:00 AM	1/30/2021 7:00:00 PM	Anthracene	n/a	<	0.025	µg/L	EPA 8270C	0.025	0.1	WKL	
ME-VR2	2020/21-1	Wet	12/28/2020 10:45:00 AM	2/2/2021 8:30:00 PM	Anthracene	n/a	<	0.12	µg/L	EPA 625.1	0.12	1	WKL	
ME-VR2	2020/21-1	Wet	12/28/2020 10:45:00 AM	2/2/2021 8:30:00 PM	Benz(a)anthracene	n/a	<	0.19	µg/L	EPA 625.1	0.19	1	WKL	
ME-VR2	2020/21-1	Wet	12/28/2020 10:45:00 AM	1/30/2021 7:00:00 PM	Benz(a)anthracene	n/a	<	0.051	µg/L	EPA 8270C	0.051	0.1	WKL	
ME-VR2	2020/21-1	Wet	12/28/2020 10:45:00 AM	2/2/2021 8:30:00 PM	Benzidine	n/a	<	1.4	µg/L	EPA 625.1	1.4	10	WKL	
ME-VR2	2020/21-1	Wet	12/28/2020 10:45:00 AM	1/30/2021 7:00:00 PM	Benzo(a)pyrene	n/a	<	0.051	µg/L	EPA 8270C	0.051	0.1	WKL	
ME-VR2	2020/21-1	Wet	12/28/2020 10:45:00 AM	1/16/2021 1:37:00 AM	Benzo(a)pyrene	n/a	<	0.02	µg/L	EPA 525.2	0.02	0.1	WKL	
ME-VR2	2020/21-1	Wet	12/28/2020 10:45:00 AM	2/2/2021 8:30:00 PM	Benzo(a)pyrene	n/a	<	0.39	µg/L	EPA 625.1	0.39	1	WKL	
ME-VR2	2020/21-1	Wet	12/28/2020 10:45:00 AM	2/2/2021 8:30:00 PM	Benzo(b)fluoranthene	n/a	<	0.46	µg/L	EPA 625.1	0.46	1	WKL	
ME-VR2	2020/21-1	Wet	12/28/2020 10:45:00 AM	1/30/2021 7:00:00 PM	Benzo(b)fluoranthene	n/a	<	0.027	µg/L	EPA 8270C	0.027	0.1	WKL	
ME-VR2	2020/21-1	Wet	12/28/2020 10:45:00 AM	2/2/2021 8:30:00 PM	Benzo(g,h,i)perylene	n/a	<	0.42	µg/L	EPA 625.1	0.42	2	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
ME-VR2	2020/21-1	Wet	12/28/2020 10:45:00 AM	1/30/2021 7:00:00 PM	Benzo(g,h,i)perylene	n/a	<	0.05	µg/L	EPA 8270C	0.05	0.1	WKL	
ME-VR2	2020/21-1	Wet	12/28/2020 10:45:00 AM	1/30/2021 7:00:00 PM	Benzo(k)fluoranthene	n/a	<	0.026	µg/L	EPA 8270C	0.026	0.1	WKL	
ME-VR2	2020/21-1	Wet	12/28/2020 10:45:00 AM	2/2/2021 8:30:00 PM	Benzo(k)fluoranthene	n/a	<	0.22	µg/L	EPA 625.1	0.22	1	WKL	
ME-VR2	2020/21-1	Wet	12/28/2020 10:45:00 AM	2/2/2021 8:30:00 PM	Bis(2-chloroethoxy)methane	n/a	<	0.25	µg/L	EPA 625.1	0.25	1	WKL	
ME-VR2	2020/21-1	Wet	12/28/2020 10:45:00 AM	2/2/2021 8:30:00 PM	Bis(2-chloroethyl)ether	n/a	<	0.27	µg/L	EPA 625.1	0.27	1	WKL	
ME-VR2	2020/21-1	Wet	12/28/2020 10:45:00 AM	2/2/2021 8:30:00 PM	Bis(2-chloroisopropyl)ether	n/a	<	0.38	µg/L	EPA 625.1	0.38	1	WKL	
ME-VR2	2020/21-1	Wet	12/28/2020 10:45:00 AM	1/16/2021 1:37:00 AM	Bis(2-ethylhexyl)adipate	n/a	DNQ	0.28	µg/L	EPA 525.2	0.12	5	WKL	UL-MB
ME-VR2	2020/21-1	Wet	12/28/2020 10:45:00 AM	2/2/2021 8:30:00 PM	Bis(2-ethylhexyl)phthalate	n/a	<	2.3	µg/L	EPA 625.1	2.3	5	WKL	
ME-VR2	2020/21-1	Wet	12/28/2020 10:45:00 AM	1/16/2021 1:37:00 AM	Bis(2-ethylhexyl)phthalate	n/a	<	0.41	µg/L	EPA 525.2	0.41	3	WKL	
ME-VR2	2020/21-1	Wet	12/28/2020 10:45:00 AM	2/2/2021 8:30:00 PM	Butyl benzyl phthalate	n/a	<	0.18	µg/L	EPA 625.1	0.18	1	WKL	
ME-VR2	2020/21-1	Wet	12/28/2020 10:45:00 AM	2/2/2021 8:30:00 PM	Chrysene	n/a	<	0.19	µg/L	EPA 625.1	0.19	1	WKL	
ME-VR2	2020/21-1	Wet	12/28/2020 10:45:00 AM	1/30/2021 7:00:00 PM	Chrysene	n/a	<	0.032	µg/L	EPA 8270C	0.032	0.1	WKL	
ME-VR2	2020/21-1	Wet	12/28/2020 10:45:00 AM	2/2/2021 8:30:00 PM	Dibenz(a,h)anthracene	n/a	<	0.53	µg/L	EPA 625.1	0.53	2	WKL	
ME-VR2	2020/21-1	Wet	12/28/2020 10:45:00 AM	1/30/2021 7:00:00 PM	Dibenz(a,h)anthracene	n/a	<	0.096	µg/L	EPA 8270C	0.096	0.1	WKL	
ME-VR2	2020/21-1	Wet	12/28/2020 10:45:00 AM	2/2/2021 8:30:00 PM	Diethyl phthalate	n/a	DNQ	0.57	µg/L	EPA 625.1	0.15	1	WKL	
ME-VR2	2020/21-1	Wet	12/28/2020 10:45:00 AM	2/2/2021 8:30:00 PM	Dimethyl phthalate	n/a	<	0.18	µg/L	EPA 625.1	0.18	1	WKL	
ME-VR2	2020/21-1	Wet	12/28/2020 10:45:00 AM	2/2/2021 8:30:00 PM	Di-n-butylphthalate	n/a	DNQ	0.29	µg/L	EPA 625.1	0.1	1	WKL	
ME-VR2	2020/21-1	Wet	12/28/2020 10:45:00 AM	2/2/2021 8:30:00 PM	Di-n-octylphthalate	n/a	<	0.46	µg/L	EPA 625.1	0.46	1	WKL	
ME-VR2	2020/21-1	Wet	12/28/2020 10:45:00 AM	1/30/2021 7:00:00 PM	Fluoranthene	n/a	<	0.039	µg/L	EPA 8270C	0.039	0.1	WKL	
ME-VR2	2020/21-1	Wet	12/28/2020 10:45:00 AM	2/2/2021 8:30:00 PM	Fluoranthene	n/a	<	0.08	µg/L	EPA 625.1	0.08	1	WKL	
ME-VR2	2020/21-1	Wet	12/28/2020 10:45:00 AM	1/30/2021 7:00:00 PM	Fluorene	n/a	<	0.029	µg/L	EPA 8270C	0.029	0.1	WKL	
ME-VR2	2020/21-1	Wet	12/28/2020 10:45:00 AM	2/2/2021 8:30:00 PM	Fluorene	n/a	<	0.35	µg/L	EPA 625.1	0.35	1	WKL	
ME-VR2	2020/21-1	Wet	12/28/2020 10:45:00 AM	2/2/2021 8:30:00 PM	Hexachlorobenzene	n/a	<	0.49	µg/L	EPA 625.1	0.49	1	WKL	
ME-VR2	2020/21-1	Wet	12/28/2020 10:45:00 AM	2/2/2021 8:30:00 PM	Hexachlorobutadiene	n/a	<	0.47	µg/L	EPA 625.1	0.47	1	WKL	
ME-VR2	2020/21-1	Wet	12/28/2020 10:45:00 AM	2/2/2021 8:30:00 PM	Hexachlorocyclopentadiene	n/a	<	0.98	µg/L	EPA 625.1	0.98	5	WKL	
ME-VR2	2020/21-1	Wet	12/28/2020 10:45:00 AM	2/2/2021 8:30:00 PM	Hexachloroethane	n/a	<	0.5	µg/L	EPA 625.1	0.5	1	WKL	
ME-VR2	2020/21-1	Wet	12/28/2020 10:45:00 AM	2/2/2021 8:30:00 PM	Indeno(1,2,3-cd)pyrene	n/a	<	0.55	µg/L	EPA 625.1	0.55	2	WKL	
ME-VR2	2020/21-1	Wet	12/28/2020 10:45:00 AM	1/30/2021 7:00:00 PM	Indeno(1,2,3-cd)pyrene	n/a	<	0.065	µg/L	EPA 8270C	0.065	0.1	WKL	
ME-VR2	2020/21-1	Wet	12/28/2020 10:45:00 AM	2/2/2021 8:30:00 PM	Isophorone	n/a	<	0.21	µg/L	EPA 625.1	0.21	1	WKL	
ME-VR2	2020/21-1	Wet	12/28/2020 10:45:00 AM	2/2/2021 8:30:00 PM	Naphthalene	n/a	<	0.49	µg/L	EPA 625.1	0.49	1	WKL	
ME-VR2	2020/21-1	Wet	12/28/2020 10:45:00 AM	1/30/2021 7:00:00 PM	Naphthalene	n/a	<	0.026	µg/L	EPA 8270C	0.026	0.1	WKL	
ME-VR2	2020/21-1	Wet	12/28/2020 10:45:00 AM	2/2/2021 8:30:00 PM	Nitrobenzene	n/a	<	0.36	µg/L	EPA 625.1	0.36	1	WKL	
ME-VR2	2020/21-1	Wet	12/28/2020 10:45:00 AM	2/2/2021 8:30:00 PM	N-Nitrosodimethylamine	n/a	<	0.5	µg/L	EPA 625.1	0.5	1	WKL	
ME-VR2	2020/21-1	Wet	12/28/2020 10:45:00 AM	2/2/2021 8:30:00 PM	N-Nitrosodi-N-propylamine	n/a	<	0.26	µg/L	EPA 625.1	0.26	1	WKL	
ME-VR2	2020/21-1	Wet	12/28/2020 10:45:00 AM	2/2/2021 8:30:00 PM	N-Nitrosodiphenylamine	n/a	<	0.19	µg/L	EPA 625.1	0.19	1	WKL	
ME-VR2	2020/21-1	Wet	12/28/2020 10:45:00 AM	2/2/2021 8:30:00 PM	Phenanthrene	n/a	<	0.32	µg/L	EPA 625.1	0.32	1	WKL	
ME-VR2	2020/21-1	Wet	12/28/2020 10:45:00 AM	1/30/2021 7:00:00 PM	Phenanthrene	n/a	<	0.029	µg/L	EPA 8270C	0.029	0.1	WKL	
ME-VR2	2020/21-1	Wet	12/28/2020 10:45:00 AM	2/2/2021 8:30:00 PM	Phenol	n/a	DNQ	0.32	µg/L	EPA 625.1	0.16	1	WKL	
ME-VR2	2020/21-1	Wet	12/28/2020 10:45:00 AM	2/2/2021 12:41:00 AM	Phenol	n/a	<	0.35	µg/L	EPA 8270C	0.35	1	WKL	
ME-VR2	2020/21-1	Wet	12/28/2020 10:45:00 AM	1/30/2021 7:00:00 PM	Pyrene	n/a	<	0.04	µg/L	EPA 8270C	0.04	0.1	WKL	
ME-VR2	2020/21-1	Wet	12/28/2020 10:45:00 AM	2/2/2021 8:30:00 PM	Pyrene	n/a	<	0.25	µg/L	EPA 625.1	0.25	1	WKL	
ME-VR2	2020/21-1	Wet	12/28/2020 10:45:00 AM	1/12/2021 6:13:00 PM	PCB Aroclor 1016	n/a	<	0.14	µg/L	EPA 608.3	0.14	2.5	WKL	
ME-VR2	2020/21-1	Wet	12/28/2020 10:45:00 AM	1/12/2021 6:13:00 PM	PCB Aroclor 1221	n/a	<	0.3	µg/L	EPA 608.3	0.3	2.5	WKL	
ME-VR2	2020/21-1	Wet	12/28/2020 10:45:00 AM	1/12/2021 6:13:00 PM	PCB Aroclor 1232	n/a	<	0.5	µg/L	EPA 608.3	0.5	2.5	WKL	
ME-VR2	2020/21-1	Wet	12/28/2020 10:45:00 AM	1/12/2021 6:13:00 PM	PCB Aroclor 1242	n/a	<	0.35	µg/L	EPA 608.3	0.35	2.5	WKL	
ME-VR2	2020/21-1	Wet	12/28/2020 10:45:00 AM	1/12/2021 6:13:00 PM	PCB Aroclor 1248	n/a	<	0.3	µg/L	EPA 608.3	0.3	2.5	WKL	
ME-VR2	2020/21-1	Wet	12/28/2020 10:45:00 AM	1/12/2021 6:13:00 PM	PCB Aroclor 1254	n/a	<	0.2	µg/L	EPA 608.3	0.2	2.5	WKL	
ME-VR2	2020/21-1	Wet	12/28/2020 10:45:00 AM	1/12/2021 6:13:00 PM	PCB Aroclor 1260	n/a	<	0.28	µg/L	EPA 608.3	0.28	2.5	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
ME-VR2	2020/21-1	Wet	12/28/2020 10:45:00 AM	1/8/2021 3:50:00 AM	2,4,5-T	n/a	<	0.055	µg/L	EPA 515.4	0.055	0.2	WKL	
ME-VR2	2020/21-1	Wet	12/28/2020 10:45:00 AM	1/8/2021 3:50:00 AM	2,4,5-TP	n/a	<	0.046	µg/L	EPA 515.4	0.046	0.2	WKL	
ME-VR2	2020/21-1	Wet	12/28/2020 10:45:00 AM	1/8/2021 3:50:00 AM	2,4-D	n/a	<	0.14	µg/L	EPA 515.4	0.14	0.4	WKL	
ME-VR2	2020/21-1	Wet	12/28/2020 10:45:00 AM	1/8/2021 3:50:00 AM	2,4-DB	n/a	<	0.19	µg/L	EPA 515.4	0.19	2	WKL	
ME-VR2	2020/21-1	Wet	12/28/2020 10:45:00 AM	1/8/2021 3:50:00 AM	3,5-Dichlorobenzoic acid	n/a	<	0.12	µg/L	EPA 515.4	0.12	1	WKL	
ME-VR2	2020/21-1	Wet	12/28/2020 10:45:00 AM	1/12/2021 6:13:00 PM	4,4'-DDD	n/a	<	0.0035	µg/L	EPA 608.3	0.0035	0.25	WKL	
ME-VR2	2020/21-1	Wet	12/28/2020 10:45:00 AM	1/12/2021 6:13:00 PM	4,4'-DDE	n/a	<	0.0035	µg/L	EPA 608.3	0.0035	0.25	WKL	
ME-VR2	2020/21-1	Wet	12/28/2020 10:45:00 AM	1/12/2021 6:13:00 PM	4,4'-DDT	n/a	<	0.0055	µg/L	EPA 608.3	0.0055	0.05	WKL	
ME-VR2	2020/21-1	Wet	12/28/2020 10:45:00 AM	1/8/2021 3:50:00 AM	Acifluorfen	n/a	<	0.072	µg/L	EPA 515.4	0.072	0.4	WKL	
ME-VR2	2020/21-1	Wet	12/28/2020 10:45:00 AM	1/16/2021 1:37:00 AM	Alachlor	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1	WKL	
ME-VR2	2020/21-1	Wet	12/28/2020 10:45:00 AM	1/12/2021 6:13:00 PM	Aldrin	n/a	<	0.005	µg/L	EPA 608.3	0.005	0.025	WKL	
ME-VR2	2020/21-1	Wet	12/28/2020 10:45:00 AM	1/12/2021 6:13:00 PM	alpha-BHC	n/a	<	0.0055	µg/L	EPA 608.3	0.0055	0.05	WKL	
ME-VR2	2020/21-1	Wet	12/28/2020 10:45:00 AM	1/12/2021 6:13:00 PM	alpha-Chlordane	n/a	<	0.014	µg/L	EPA 608.3	0.014	0.05	WKL	
ME-VR2	2020/21-1	Wet	12/28/2020 10:45:00 AM	1/16/2021 1:37:00 AM	Atrazine	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1	WKL	
ME-VR2	2020/21-1	Wet	12/28/2020 10:45:00 AM	1/30/2021 2:09:00 AM	Azinphos methyl	n/a	<	0.0055	µg/L	EPA 625.1m	0.0055	0.01	WKL	
ME-VR2	2020/21-1	Wet	12/28/2020 10:45:00 AM	1/8/2021 3:50:00 AM	Bentazon	n/a	<	0.23	µg/L	EPA 515.4	0.23	2	WKL	
ME-VR2	2020/21-1	Wet	12/28/2020 10:45:00 AM	1/12/2021 6:13:00 PM	beta-BHC	n/a	<	0.0075	µg/L	EPA 608.3	0.0075	0.025	WKL	
ME-VR2	2020/21-1	Wet	12/28/2020 10:45:00 AM	1/30/2021 2:09:00 AM	Bolstar	n/a	<	0.0046	µg/L	EPA 625.1m	0.0046	0.01	WKL	
ME-VR2	2020/21-1	Wet	12/28/2020 10:45:00 AM	1/16/2021 1:37:00 AM	Bromacil	n/a	DNQ	0.26	µg/L	EPA 525.2	0.16	0.5	WKL	HB-MSR
ME-VR2	2020/21-1	Wet	12/28/2020 10:45:00 AM	1/16/2021 1:37:00 AM	Butachlor	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1	WKL	
ME-VR2	2020/21-1	Wet	12/28/2020 10:45:00 AM	1/16/2021 1:37:00 AM	Captan	n/a	<	0.16	µg/L	EPA 525.2	0.16	1	WKL	
ME-VR2	2020/21-1	Wet	12/28/2020 10:45:00 AM	1/12/2021 6:13:00 PM	Chlordane (technical)	n/a	<	0.22	µg/L	EPA 608.3	0.22	0.5	WKL	
ME-VR2	2020/21-1	Wet	12/28/2020 10:45:00 AM	1/16/2021 1:37:00 AM	Chlorpropham	n/a	<	0.04	µg/L	EPA 525.2	0.04	0.1	WKL	
ME-VR2	2020/21-1	Wet	12/28/2020 10:45:00 AM	1/30/2021 2:09:00 AM	Chlorpyrifos	n/a	<	0.0069	µg/L	EPA 625.1m	0.0069	0.01	WKL	
ME-VR2	2020/21-1	Wet	12/28/2020 10:45:00 AM	1/30/2021 2:09:00 AM	Coumaphos	n/a	<	0.0051	µg/L	EPA 625.1m	0.0051	0.01	WKL	
ME-VR2	2020/21-1	Wet	12/28/2020 10:45:00 AM	1/16/2021 1:37:00 AM	Cyanazine	n/a	<	0.04	µg/L	EPA 525.2	0.04	0.1	WKL	
ME-VR2	2020/21-1	Wet	12/28/2020 10:45:00 AM	1/8/2021 3:50:00 AM	Dalapon	n/a	<	0.4	µg/L	EPA 515.4	0.4	0.4	WKL	
ME-VR2	2020/21-1	Wet	12/28/2020 10:45:00 AM	1/8/2021 3:50:00 AM	DCPA (Dacthal)	n/a	<	0.053	µg/L	EPA 515.4	0.053	0.1	WKL	
ME-VR2	2020/21-1	Wet	12/28/2020 10:45:00 AM	1/12/2021 6:13:00 PM	delta-BHC	n/a	<	0.025	µg/L	EPA 608.3	0.025	0.025	WKL	
ME-VR2	2020/21-1	Wet	12/28/2020 10:45:00 AM	1/30/2021 2:09:00 AM	Demeton-O	n/a	<	0.01	µg/L	EPA 625.1m	0.01	0.01	WKL	-LCSRPD, LB-L
ME-VR2	2020/21-1	Wet	12/28/2020 10:45:00 AM	1/30/2021 2:09:00 AM	Demeton-S	n/a	<	0.01	µg/L	EPA 625.1m	0.01	0.01	WKL	
ME-VR2	2020/21-1	Wet	12/28/2020 10:45:00 AM	1/16/2021 1:37:00 AM	Diazinon	n/a	<	0.05	µg/L	EPA 525.2	0.05	0.1	WKL	
ME-VR2	2020/21-1	Wet	12/28/2020 10:45:00 AM	1/30/2021 2:09:00 AM	Diazinon	n/a	=	0.019	µg/L	EPA 625.1m	0.0052	0.01	WKL	EST-LCSRPD
ME-VR2	2020/21-1	Wet	12/28/2020 10:45:00 AM	1/8/2021 3:50:00 AM	Dicamba	n/a	<	0.075	µg/L	EPA 515.4	0.075	0.6	WKL	
ME-VR2	2020/21-1	Wet	12/28/2020 10:45:00 AM	1/8/2021 3:50:00 AM	Dichlorprop	n/a	<	0.12	µg/L	EPA 515.4	0.12	0.3	WKL	
ME-VR2	2020/21-1	Wet	12/28/2020 10:45:00 AM	1/30/2021 2:09:00 AM	Dichlorvos	n/a	<	0.0029	µg/L	EPA 625.1m	0.0029	0.01	WKL	
ME-VR2	2020/21-1	Wet	12/28/2020 10:45:00 AM	1/12/2021 6:13:00 PM	Dieldrin	n/a	<	0.004	µg/L	EPA 608.3	0.004	0.05	WKL	
ME-VR2	2020/21-1	Wet	12/28/2020 10:45:00 AM	1/16/2021 1:37:00 AM	Dimethoate	n/a	<	0.02	µg/L	EPA 525.2	0.02	0.2	WKL	LB-LCSR
ME-VR2	2020/21-1	Wet	12/28/2020 10:45:00 AM	1/30/2021 2:09:00 AM	Dimethoate	n/a	<	0.0062	µg/L	EPA 625.1m	0.0062	0.01	WKL	
ME-VR2	2020/21-1	Wet	12/28/2020 10:45:00 AM	1/8/2021 3:50:00 AM	Dinoseb	n/a	<	0.055	µg/L	EPA 515.4	0.055	0.4	WKL	
ME-VR2	2020/21-1	Wet	12/28/2020 10:45:00 AM	1/16/2021 1:37:00 AM	Diphenamid	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1	WKL	
ME-VR2	2020/21-1	Wet	12/28/2020 10:45:00 AM	1/30/2021 2:09:00 AM	Disulfoton	n/a	<	0.01	µg/L	EPA 625.1m	0.01	0.01	WKL	
ME-VR2	2020/21-1	Wet	12/28/2020 10:45:00 AM	1/16/2021 1:37:00 AM	Disulfoton	n/a	<	0.04	µg/L	EPA 525.2	0.04	0.1	WKL	
ME-VR2	2020/21-1	Wet	12/28/2020 10:45:00 AM	1/12/2021 6:13:00 PM	Endosulfan I	n/a	<	0.0045	µg/L	EPA 608.3	0.0045	0.1	WKL	
ME-VR2	2020/21-1	Wet	12/28/2020 10:45:00 AM	1/12/2021 6:13:00 PM	Endosulfan II	n/a	<	0.0035	µg/L	EPA 608.3	0.0035	0.05	WKL	
ME-VR2	2020/21-1	Wet	12/28/2020 10:45:00 AM	1/12/2021 6:13:00 PM	Endosulfan sulfate	n/a	<	0.0065	µg/L	EPA 608.3	0.0065	0.25	WKL	
ME-VR2	2020/21-1	Wet	12/28/2020 10:45:00 AM	1/12/2021 6:13:00 PM	Endrin	n/a	<	0.0085	µg/L	EPA 608.3	0.0085	0.05	WKL	
ME-VR2	2020/21-1	Wet	12/28/2020 10:45:00 AM	1/12/2021 6:13:00 PM	Endrin aldehyde	n/a	<	0.0095	µg/L	EPA 608.3	0.0095	0.05	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
ME-VR2	2020/21-1	Wet	12/28/2020 10:45:00 AM	1/16/2021 1:37:00 AM	EPTC	n/a	<	0.02	µg/L	EPA 525.2	0.02	0.1	WKL	
ME-VR2	2020/21-1	Wet	12/28/2020 10:45:00 AM	1/30/2021 2:09:00 AM	Ethoprop	n/a	<	0.0067	µg/L	EPA 625.1m	0.0067	0.01	WKL	
ME-VR2	2020/21-1	Wet	12/28/2020 10:45:00 AM	1/30/2021 2:09:00 AM	Ethyl parathion	n/a	<	0.0054	µg/L	EPA 625.1m	0.0054	0.01	WKL	EST-LCSRPD
ME-VR2	2020/21-1	Wet	12/28/2020 10:45:00 AM	1/30/2021 2:09:00 AM	Fensulfthion	n/a	<	0.0029	µg/L	EPA 625.1m	0.0029	0.01	WKL	
ME-VR2	2020/21-1	Wet	12/28/2020 10:45:00 AM	1/30/2021 2:09:00 AM	Fenthion	n/a	<	0.0038	µg/L	EPA 625.1m	0.0038	0.01	WKL	
ME-VR2	2020/21-1	Wet	12/28/2020 10:45:00 AM	1/12/2021 6:13:00 PM	gamma-BHC (Lindane)	n/a	<	0.002	µg/L	EPA 608.3	0.002	0.1	WKL	
ME-VR2	2020/21-1	Wet	12/28/2020 10:45:00 AM	1/12/2021 6:13:00 PM	gamma-Chlordane	n/a	<	0.012	µg/L	EPA 608.3	0.012	0.05	WKL	
ME-VR2	2020/21-1	Wet	12/28/2020 10:45:00 AM	12/30/2020 11:05:00 AM	Glyphosate	n/a	<	1.8	µg/L	EPA 547	1.8	5	WKL	
ME-VR2	2020/21-1	Wet	12/28/2020 10:45:00 AM	1/12/2021 6:13:00 PM	Heptachlor	n/a	<	0.003	µg/L	EPA 608.3	0.003	0.05	WKL	
ME-VR2	2020/21-1	Wet	12/28/2020 10:45:00 AM	1/12/2021 6:13:00 PM	Heptachlor epoxide	n/a	<	0.002	µg/L	EPA 608.3	0.002	0.05	WKL	
ME-VR2	2020/21-1	Wet	12/28/2020 10:45:00 AM	1/30/2021 2:09:00 AM	Malathion	n/a	<	0.0076	µg/L	EPA 625.1m	0.0076	0.01	WKL	
ME-VR2	2020/21-1	Wet	12/28/2020 10:45:00 AM	1/30/2021 2:09:00 AM	Merphos	n/a	<	0.0058	µg/L	EPA 625.1m	0.0058	0.01	WKL	
ME-VR2	2020/21-1	Wet	12/28/2020 10:45:00 AM	1/30/2021 2:09:00 AM	Methyl parathion	n/a	<	0.0063	µg/L	EPA 625.1m	0.0063	0.01	WKL	
ME-VR2	2020/21-1	Wet	12/28/2020 10:45:00 AM	1/16/2021 1:37:00 AM	Metolachlor	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1	WKL	
ME-VR2	2020/21-1	Wet	12/28/2020 10:45:00 AM	1/16/2021 1:37:00 AM	Metribuzin	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1	WKL	
ME-VR2	2020/21-1	Wet	12/28/2020 10:45:00 AM	1/30/2021 2:09:00 AM	Mevinphos	n/a	<	0.0042	µg/L	EPA 625.1m	0.0042	0.01	WKL	
ME-VR2	2020/21-1	Wet	12/28/2020 10:45:00 AM	1/16/2021 1:37:00 AM	Molinate	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1	WKL	
ME-VR2	2020/21-1	Wet	12/28/2020 10:45:00 AM	1/30/2021 2:09:00 AM	Naled	n/a	<	0.0076	µg/L	EPA 625.1m	0.0076	0.01	WKL	
ME-VR2	2020/21-1	Wet	12/28/2020 10:45:00 AM	1/8/2021 3:50:00 AM	Pentachlorophenol	n/a	<	0.046	µg/L	EPA 515.4	0.046	0.2	WKL	
ME-VR2	2020/21-1	Wet	12/28/2020 10:45:00 AM	2/2/2021 8:30:00 PM	Pentachlorophenol	n/a	<	0.4	µg/L	EPA 625.1	0.4	1	WKL	
ME-VR2	2020/21-1	Wet	12/28/2020 10:45:00 AM	2/2/2021 12:41:00 AM	Pentachlorophenol	n/a	<	0.15	µg/L	EPA 8270C	0.15	1	WKL	
ME-VR2	2020/21-1	Wet	12/28/2020 10:45:00 AM	1/30/2021 2:09:00 AM	Phorate	n/a	<	0.003	µg/L	EPA 625.1m	0.003	0.01	WKL	
ME-VR2	2020/21-1	Wet	12/28/2020 10:45:00 AM	1/8/2021 3:50:00 AM	Picloram	n/a	<	0.038	µg/L	EPA 515.4	0.038	0.6	WKL	
ME-VR2	2020/21-1	Wet	12/28/2020 10:45:00 AM	1/16/2021 1:37:00 AM	Prometon	n/a	<	0.01	µg/L	EPA 525.2	0.01	0.1	WKL	LCSRPD, EST-M
ME-VR2	2020/21-1	Wet	12/28/2020 10:45:00 AM	1/16/2021 1:37:00 AM	Prometryn	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1	WKL	LCSRPD, EST-M
ME-VR2	2020/21-1	Wet	12/28/2020 10:45:00 AM	1/30/2021 2:09:00 AM	Ronnel (Fenclorophos)	n/a	<	0.0041	µg/L	EPA 625.1m	0.0041	0.01	WKL	
ME-VR2	2020/21-1	Wet	12/28/2020 10:45:00 AM	1/16/2021 1:37:00 AM	Simazine	n/a	<	0.02	µg/L	EPA 525.2	0.02	0.1	WKL	
ME-VR2	2020/21-1	Wet	12/28/2020 10:45:00 AM	1/30/2021 2:09:00 AM	Stirophos (Tetrachlorvinphos)	n/a	<	0.0031	µg/L	EPA 625.1m	0.0031	0.01	WKL	
ME-VR2	2020/21-1	Wet	12/28/2020 10:45:00 AM	1/16/2021 1:37:00 AM	Terbacil	n/a	<	0.09	µg/L	EPA 525.2	0.09	2	WKL	
ME-VR2	2020/21-1	Wet	12/28/2020 10:45:00 AM	1/16/2021 1:37:00 AM	Thiobencarb	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1	WKL	
ME-VR2	2020/21-1	Wet	12/28/2020 10:45:00 AM	1/30/2021 2:09:00 AM	Tokuthion	n/a	<	0.0078	µg/L	EPA 625.1m	0.0078	0.01	WKL	
ME-VR2	2020/21-1	Wet	12/28/2020 10:45:00 AM	1/12/2021 6:13:00 PM	Toxaphene	n/a	<	1.2	µg/L	EPA 608.3	1.2	2.5	WKL	
ME-VR2	2020/21-1	Wet	12/28/2020 10:45:00 AM	1/30/2021 2:09:00 AM	Trichloronate	n/a	<	0.0067	µg/L	EPA 625.1m	0.0067	0.01	WKL	
ME-VR2	2020/21-1	Wet	12/28/2020 10:45:00 AM	1/16/2021 1:37:00 AM	Trithion	n/a	<	0.02	µg/L	EPA 525.2	0.02	0.1	WKL	
ME-VR2	2020/21-2	Wet	1/28/2021 7:15:00 PM	1/28/2021 7:15:00 PM	Conductivity	n/a	=	841	µmhos/cm	Field Meter	-88	1	Field Crew	
ME-VR2	2020/21-2	Wet	1/28/2021 7:15:00 PM	2/3/2021 4:05:00 PM	Cyanide	Total	DNQ	0.0011	mg/L	ASTM D7511	0.0003	0.002	WKL	UL-MB
ME-VR2	2020/21-2	Wet	1/28/2021 7:15:00 PM	1/28/2021 7:15:00 PM	DO	n/a	=	8.15	mg/L	Field Meter	-88	0.3	Field Crew	
ME-VR2	2020/21-2	Wet	1/28/2021 7:15:00 PM	1/28/2021 7:15:00 PM	DO	n/a	=	76.8	%	Field Meter	-88	0.1	Field Crew	
ME-VR2	2020/21-2	Wet	1/28/2021 7:15:00 PM	1/28/2021 7:15:00 PM	pH	n/a	*	7.48	pH Units	Field Meter	-88	0.01	Field Crew	EST
ME-VR2	2020/21-2	Wet	1/28/2021 7:15:00 PM	1/28/2021 7:15:00 PM	Salinity	n/a	=	600	mg/L	Field Meter	-88	100	Field Crew	
ME-VR2	2020/21-2	Wet	1/28/2021 7:15:00 PM	1/28/2021 7:15:00 PM	Specific Conductance	n/a	=	1114	µmhos/cm	Field Meter	-88	1	Field Crew	
ME-VR2	2020/21-2	Wet	1/28/2021 7:15:00 PM	1/28/2021 7:15:00 PM	Temperature	n/a	=	12.2	°C	Field Meter	-88	0.1	Field Crew	
ME-VR2	2020/21-2	Wet	1/28/2021 7:15:00 PM	1/31/2021 11:47:00 PM	Gasoline Range Organics	n/a	<	0.065	mg/L	LUFT GC/MS	0.065	0.1	WKL	
ME-VR2	2020/21-2	Wet	1/28/2021 7:15:00 PM	2/16/2021 4:34:00 PM	Oil and Grease	n/a	DNQ	1	mg/L	EPA 1664B	0.7	5	WKL	
ME-VR2	2020/21-2	Wet	1/28/2021 7:15:00 PM	1/31/2021 1:09:00 PM	2-Chloroethyl vinyl ether	n/a	<	0.19	µg/L	EPA 624.1	0.19	1	WKL	
ME-VR2	2020/21-2	Wet	1/28/2021 7:15:00 PM	1/31/2021 1:09:00 PM	Methyl tert-butyl ether (MTBE)	n/a	<	0.4	µg/L	EPA 624.1	0.4	1	WKL	
ME-VR2	2020/21-2	Wet	1/29/2021 9:30:00 AM	2/3/2021 12:36:00 AM	Chloride	n/a	=	74	mg/L	EPA 300.0	0.17	1	WKL	
ME-VR2	2020/21-2	Wet	1/29/2021 9:30:00 AM	2/3/2021 12:36:00 AM	Fluoride	n/a	=	0.33	mg/L	EPA 300.0	0.018	0.2	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
ME-VR2	2020/21-2	Wet	1/29/2021 9:30:00 AM	2/3/2021 4:44:00 AM	Perchlorate	n/a	<	0.84	µg/L	EPA 314.0	0.84	2	WKL	
ME-VR2	2020/21-2	Wet	1/29/2021 9:30:00 AM	2/5/2021 3:31:00 PM	Calcium	Total	=	117	mg/L	EPA 200.7	0.016	0.1	WKL	
ME-VR2	2020/21-2	Wet	1/29/2021 9:30:00 AM	2/5/2021 3:31:00 PM	Magnesium	Total	=	31.7	mg/L	EPA 200.7	0.012	0.1	WKL	
ME-VR2	2020/21-2	Wet	1/29/2021 9:30:00 AM	2/4/2021 11:23:00 AM	Alkalinity as CaCO3	n/a	=	220	mg/L	SM 2320 B	0.56	5	WKL	
ME-VR2	2020/21-2	Wet	1/29/2021 9:30:00 AM	2/4/2021 5:08:00 PM	BOD	n/a	=	2.6	mg/L	SM 5210 B	2	2	WKL	
ME-VR2	2020/21-2	Wet	1/29/2021 9:30:00 AM	2/8/2021 12:21:00 PM	COD	n/a	=	9.6	mg/L	EPA 410.4	2.9	5	WKL	
ME-VR2	2020/21-2	Wet	1/29/2021 9:30:00 AM	2/5/2021 3:31:00 PM	Hardness as CaCO3	Total	=	422	mg/L	EPA 200.7	0.0894	0.662	WKL	
ME-VR2	2020/21-2	Wet	1/29/2021 9:30:00 AM	1/30/2021 5:48:00 PM	MBAS	n/a	DNQ	0.03	mg/L	SM 5540 C	0.017	0.05	WKL	
ME-VR2	2020/21-2	Wet	1/29/2021 9:30:00 AM	2/5/2021 1:15:00 PM	Phenolics	n/a	<	0.0032	mg/L	EPA 420.4	0.0032	0.01	WKL	
ME-VR2	2020/21-2	Wet	1/29/2021 9:30:00 AM	2/3/2021 1:23:00 PM	Specific Conductance	n/a	=	3500	µmhos/cm	SM 2510 B	0.7	6	WKL	
ME-VR2	2020/21-2	Wet	1/29/2021 9:30:00 AM	2/5/2021 8:00:00 AM	Total Dissolved Solids	n/a	=	760	mg/L	SM 2540 C	4	10	WKL	
ME-VR2	2020/21-2	Wet	1/29/2021 9:30:00 AM	2/5/2021 12:35:00 PM	Total Organic Carbon	n/a	=	4.3	mg/L	SM 5310 B	0.096	0.3	WKL	
ME-VR2	2020/21-2	Wet	1/29/2021 9:30:00 AM	2/5/2021 8:00:00 AM	Total Suspended Solids	n/a	=	23	mg/L	SM 2540 D	-88	5	WKL	
ME-VR2	2020/21-2	Wet	1/29/2021 9:30:00 AM	1/29/2021 7:44:00 PM	Turbidity	n/a	=	19	NTU	EPA 180.1	0.017	0.1	WKL	
ME-VR2	2020/21-2	Wet	1/29/2021 9:30:00 AM	2/5/2021 8:00:00 AM	Volatile Suspended Solids	n/a	=	6	mg/L	EPA 160.4	3.1	5	WKL	
ME-VR2	2020/21-2	Wet	1/29/2021 9:30:00 AM	2/11/2021 7:34:00 PM	Diesel Range Organics	n/a	DNQ	0.084	mg/L	EPA 8015B	0.032	0.1	WKL	UL-MB
ME-VR2	2020/21-2	Wet	1/29/2021 9:30:00 AM	2/11/2021 7:34:00 PM	Oil Range Organics	n/a	<	0.33	mg/L	EPA 8015B	0.33	0.5	WKL	
ME-VR2	2020/21-2	Wet	1/29/2021 9:30:00 AM	2/10/2021 6:08:00 PM	Aluminum	Dissolved	DNQ	7.3	µg/L	EPA 200.8	4.4	20	WKL	
ME-VR2	2020/21-2	Wet	1/29/2021 9:30:00 AM	2/10/2021 6:11:00 PM	Aluminum	Total	=	610	µg/L	EPA 200.8	4.4	20	WKL	
ME-VR2	2020/21-2	Wet	1/29/2021 9:30:00 AM	2/10/2021 6:08:00 PM	Antimony	Dissolved	DNQ	0.14	µg/L	EPA 200.8	0.089	0.5	WKL	
ME-VR2	2020/21-2	Wet	1/29/2021 9:30:00 AM	2/10/2021 6:11:00 PM	Antimony	Total	DNQ	0.14	µg/L	EPA 200.8	0.089	0.5	WKL	
ME-VR2	2020/21-2	Wet	1/29/2021 9:30:00 AM	2/10/2021 6:08:00 PM	Arsenic	Dissolved	=	0.56	µg/L	EPA 200.8	0.074	0.4	WKL	
ME-VR2	2020/21-2	Wet	1/29/2021 9:30:00 AM	2/10/2021 6:11:00 PM	Arsenic	Total	=	0.8	µg/L	EPA 200.8	0.074	0.4	WKL	
ME-VR2	2020/21-2	Wet	1/29/2021 9:30:00 AM	2/10/2021 6:11:00 PM	Barium	Total	=	53	µg/L	EPA 200.8	0.14	1	WKL	
ME-VR2	2020/21-2	Wet	1/29/2021 9:30:00 AM	2/10/2021 6:08:00 PM	Beryllium	Dissolved	<	0.062	µg/L	EPA 200.8	0.062	0.1	WKL	
ME-VR2	2020/21-2	Wet	1/29/2021 9:30:00 AM	2/10/2021 6:11:00 PM	Beryllium	Total	<	0.062	µg/L	EPA 200.8	0.062	0.1	WKL	
ME-VR2	2020/21-2	Wet	1/29/2021 9:30:00 AM	2/10/2021 6:08:00 PM	Cadmium	Dissolved	DNQ	0.053	µg/L	EPA 200.8	0.042	0.2	WKL	
ME-VR2	2020/21-2	Wet	1/29/2021 9:30:00 AM	2/10/2021 6:11:00 PM	Cadmium	Total	DNQ	0.1	µg/L	EPA 200.8	0.042	0.2	WKL	
ME-VR2	2020/21-2	Wet	1/29/2021 9:30:00 AM	2/10/2021 6:08:00 PM	Chromium	Dissolved	DNQ	0.13	µg/L	EPA 200.8	0.089	0.2	WKL	
ME-VR2	2020/21-2	Wet	1/29/2021 9:30:00 AM	2/10/2021 6:11:00 PM	Chromium	Total	=	1.3	µg/L	EPA 200.8	0.089	0.2	WKL	
ME-VR2	2020/21-2	Wet	1/29/2021 9:30:00 AM	2/3/2021 1:32:00 PM	Chromium VI	n/a	=	0.14	µg/L	EPA 218.6	0.0079	0.02	WKL	
ME-VR2	2020/21-2	Wet	1/29/2021 9:30:00 AM	2/10/2021 6:08:00 PM	Copper	Dissolved	=	1.1	µg/L	EPA 200.8	0.23	0.5	WKL	
ME-VR2	2020/21-2	Wet	1/29/2021 9:30:00 AM	2/10/2021 6:11:00 PM	Copper	Total	=	2.2	µg/L	EPA 200.8	0.23	0.5	WKL	
ME-VR2	2020/21-2	Wet	1/29/2021 9:30:00 AM	2/10/2021 6:08:00 PM	Iron	Dissolved	=	50	µg/L	EPA 200.8	3.9	20	WKL	
ME-VR2	2020/21-2	Wet	1/29/2021 9:30:00 AM	2/10/2021 6:11:00 PM	Iron	Total	=	920	µg/L	EPA 200.8	3.9	20	WKL	
ME-VR2	2020/21-2	Wet	1/29/2021 9:30:00 AM	2/10/2021 6:08:00 PM	Lead	Dissolved	<	0.083	µg/L	EPA 200.8	0.083	0.2	WKL	
ME-VR2	2020/21-2	Wet	1/29/2021 9:30:00 AM	2/10/2021 6:11:00 PM	Lead	Total	=	0.58	µg/L	EPA 200.8	0.083	0.2	WKL	
ME-VR2	2020/21-2	Wet	1/29/2021 9:30:00 AM	2/8/2021 1:08:00 PM	Mercury	Dissolved	<	17	ng/L	EPA 245.1	17	50	WKL	
ME-VR2	2020/21-2	Wet	1/29/2021 9:30:00 AM	2/8/2021 1:10:00 PM	Mercury	Total	<	17	ng/L	EPA 245.1	17	50	WKL	
ME-VR2	2020/21-2	Wet	1/29/2021 9:30:00 AM	2/10/2021 6:08:00 PM	Nickel	Dissolved	=	3.3	µg/L	EPA 200.8	0.16	2	WKL	
ME-VR2	2020/21-2	Wet	1/29/2021 9:30:00 AM	2/10/2021 6:11:00 PM	Nickel	Total	=	4.4	µg/L	EPA 200.8	0.16	2	WKL	
ME-VR2	2020/21-2	Wet	1/29/2021 9:30:00 AM	2/10/2021 6:08:00 PM	Selenium	Dissolved	=	0.99	µg/L	EPA 200.8	0.067	0.4	WKL	
ME-VR2	2020/21-2	Wet	1/29/2021 9:30:00 AM	2/10/2021 6:11:00 PM	Selenium	Total	=	1.1	µg/L	EPA 200.8	0.067	0.4	WKL	
ME-VR2	2020/21-2	Wet	1/29/2021 9:30:00 AM	2/10/2021 6:08:00 PM	Silver	Dissolved	<	0.03	µg/L	EPA 200.8	0.03	0.2	WKL	
ME-VR2	2020/21-2	Wet	1/29/2021 9:30:00 AM	2/10/2021 6:11:00 PM	Silver	Total	<	0.03	µg/L	EPA 200.8	0.03	0.2	WKL	
ME-VR2	2020/21-2	Wet	1/29/2021 9:30:00 AM	2/10/2021 6:08:00 PM	Thallium	Dissolved	<	0.021	µg/L	EPA 200.8	0.021	0.2	WKL	
ME-VR2	2020/21-2	Wet	1/29/2021 9:30:00 AM	2/10/2021 6:11:00 PM	Thallium	Total	<	0.021	µg/L	EPA 200.8	0.021	0.2	WKL	
ME-VR2	2020/21-2	Wet	1/29/2021 9:30:00 AM	2/10/2021 6:08:00 PM	Zinc	Dissolved	DNQ	2.1	µg/L	EPA 200.8	0.8	10	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
ME-VR2	2020/21-2	Wet	1/29/2021 9:30:00 AM	2/10/2021 6:11:00 PM	Zinc	Total	DNQ	5.3	µg/L	EPA 200.8	0.8	10	WKL	
ME-VR2	2020/21-2	Wet	1/29/2021 9:30:00 AM	2/12/2021 1:13:00 PM	Ammonia as N	n/a	<	0.047	mg/L	EPA 350.1	0.047	0.1	WKL	
ME-VR2	2020/21-2	Wet	1/29/2021 9:30:00 AM	1/30/2021 3:21:00 PM	Nitrate + Nitrite as N	n/a	=	0.5	mg/L	EPA 353.2	0.036	0.2	WKL	
ME-VR2	2020/21-2	Wet	1/29/2021 9:30:00 AM	2/5/2021 3:28:00 PM	Phosphorus as P	Dissolved	=	0.026	mg/L	EPA 200.7	0.012	0.02	WKL	
ME-VR2	2020/21-2	Wet	1/29/2021 9:30:00 AM	2/5/2021 3:31:00 PM	Phosphorus as P	Total	=	0.087	mg/L	EPA 200.7	0.012	0.02	WKL	
ME-VR2	2020/21-2	Wet	1/29/2021 9:30:00 AM	2/4/2021 4:31:00 PM	TKN	n/a	=	0.3	mg/L	EPA 351.2	0.065	0.1	WKL	
ME-VR2	2020/21-2	Wet	1/29/2021 9:30:00 AM	2/9/2021 6:59:00 PM	1,2,4-Trichlorobenzene	n/a	<	0.49	µg/L	EPA 625.1	0.49	1	WKL	
ME-VR2	2020/21-2	Wet	1/29/2021 9:30:00 AM	2/9/2021 6:59:00 PM	1,2-Dichlorobenzene	n/a	<	0.46	µg/L	EPA 625.1	0.46	1	WKL	
ME-VR2	2020/21-2	Wet	1/29/2021 9:30:00 AM	2/9/2021 6:59:00 PM	1,2-Diphenylhydrazine	n/a	<	0.3	µg/L	EPA 625.1	0.3	1	WKL	
ME-VR2	2020/21-2	Wet	1/29/2021 9:30:00 AM	2/9/2021 6:59:00 PM	1,3-Dichlorobenzene	n/a	<	0.42	µg/L	EPA 625.1	0.42	1	WKL	
ME-VR2	2020/21-2	Wet	1/29/2021 9:30:00 AM	2/9/2021 6:59:00 PM	1,4-Dichlorobenzene	n/a	<	0.48	µg/L	EPA 625.1	0.48	1	WKL	
ME-VR2	2020/21-2	Wet	1/29/2021 9:30:00 AM	2/27/2021 11:12:00 AM	1-Methylnaphthalene	n/a	<	0.024	µg/L	EPA 8270C	0.024	0.1	WKL	
ME-VR2	2020/21-2	Wet	1/29/2021 9:30:00 AM	3/5/2021 2:36:00 AM	2,4,5-Trichlorophenol	n/a	<	0.29	µg/L	EPA 8270C	0.29	1	WKL	
ME-VR2	2020/21-2	Wet	1/29/2021 9:30:00 AM	2/9/2021 6:59:00 PM	2,4,6-Trichlorophenol	n/a	<	0.22	µg/L	EPA 625.1	0.22	1	WKL	
ME-VR2	2020/21-2	Wet	1/29/2021 9:30:00 AM	3/5/2021 2:36:00 AM	2,4,6-Trichlorophenol	n/a	<	0.3	µg/L	EPA 8270C	0.3	1	WKL	
ME-VR2	2020/21-2	Wet	1/29/2021 9:30:00 AM	3/5/2021 2:36:00 AM	2,4-Dichlorophenol	n/a	<	0.51	µg/L	EPA 8270C	0.51	1	WKL	
ME-VR2	2020/21-2	Wet	1/29/2021 9:30:00 AM	2/9/2021 6:59:00 PM	2,4-Dichlorophenol	n/a	<	0.26	µg/L	EPA 625.1	0.26	1	WKL	
ME-VR2	2020/21-2	Wet	1/29/2021 9:30:00 AM	2/9/2021 6:59:00 PM	2,4-Dimethylphenol	n/a	<	0.3	µg/L	EPA 625.1	0.3	1	WKL	
ME-VR2	2020/21-2	Wet	1/29/2021 9:30:00 AM	3/5/2021 2:36:00 AM	2,4-Dimethylphenol	n/a	<	1	µg/L	EPA 8270C	1	2	WKL	
ME-VR2	2020/21-2	Wet	1/29/2021 9:30:00 AM	2/9/2021 6:59:00 PM	2,4-Dinitrophenol	n/a	<	1.9	µg/L	EPA 625.1	1.9	10	WKL	
ME-VR2	2020/21-2	Wet	1/29/2021 9:30:00 AM	3/5/2021 2:36:00 AM	2,4-Dinitrophenol	n/a	<	1	µg/L	EPA 8270C	1	2	WKL	
ME-VR2	2020/21-2	Wet	1/29/2021 9:30:00 AM	2/9/2021 6:59:00 PM	2,4-Dinitrotoluene	n/a	<	0.18	µg/L	EPA 625.1	0.18	1	WKL	
ME-VR2	2020/21-2	Wet	1/29/2021 9:30:00 AM	2/9/2021 6:59:00 PM	2,6-Dinitrotoluene	n/a	<	0.27	µg/L	EPA 625.1	0.27	1	WKL	
ME-VR2	2020/21-2	Wet	1/29/2021 9:30:00 AM	2/9/2021 6:59:00 PM	2-Chloronaphthalene	n/a	<	0.45	µg/L	EPA 625.1	0.45	1	WKL	
ME-VR2	2020/21-2	Wet	1/29/2021 9:30:00 AM	2/9/2021 6:59:00 PM	2-Chlorophenol	n/a	<	0.28	µg/L	EPA 625.1	0.28	1	WKL	
ME-VR2	2020/21-2	Wet	1/29/2021 9:30:00 AM	3/5/2021 2:36:00 AM	2-Chlorophenol	n/a	<	0.65	µg/L	EPA 8270C	0.65	1	WKL	
ME-VR2	2020/21-2	Wet	1/29/2021 9:30:00 AM	2/27/2021 11:12:00 AM	2-Methylnaphthalene	n/a	<	0.026	µg/L	EPA 8270C	0.026	0.1	WKL	
ME-VR2	2020/21-2	Wet	1/29/2021 9:30:00 AM	3/5/2021 2:36:00 AM	2-Methylphenol	n/a	<	0.34	µg/L	EPA 8270C	0.34	1	WKL	
ME-VR2	2020/21-2	Wet	1/29/2021 9:30:00 AM	2/9/2021 6:59:00 PM	2-Nitrophenol	n/a	<	0.26	µg/L	EPA 625.1	0.26	1	WKL	
ME-VR2	2020/21-2	Wet	1/29/2021 9:30:00 AM	3/5/2021 2:36:00 AM	2-Nitrophenol	n/a	<	0.71	µg/L	EPA 8270C	0.71	1	WKL	
ME-VR2	2020/21-2	Wet	1/29/2021 9:30:00 AM	2/9/2021 6:59:00 PM	3,3'-Dichlorobenzidine	n/a	<	0.99	µg/L	EPA 625.1	0.99	5	WKL	
ME-VR2	2020/21-2	Wet	1/29/2021 9:30:00 AM	3/5/2021 2:36:00 AM	3-/4-Methylphenol	n/a	<	0.3	µg/L	EPA 8270C	0.3	1	WKL	
ME-VR2	2020/21-2	Wet	1/29/2021 9:30:00 AM	2/9/2021 6:59:00 PM	4,6-Dinitro-2-methylphenol	n/a	<	1.4	µg/L	EPA 625.1	1.4	5	WKL	
ME-VR2	2020/21-2	Wet	1/29/2021 9:30:00 AM	3/5/2021 2:36:00 AM	4,6-Dinitro-2-methylphenol	n/a	<	0.14	µg/L	EPA 8270C	0.14	1	WKL	
ME-VR2	2020/21-2	Wet	1/29/2021 9:30:00 AM	2/9/2021 6:59:00 PM	4-Bromophenyl phenyl ether	n/a	<	0.36	µg/L	EPA 625.1	0.36	1	WKL	
ME-VR2	2020/21-2	Wet	1/29/2021 9:30:00 AM	3/5/2021 2:36:00 AM	4-Chloro-3-methylphenol	n/a	<	0.37	µg/L	EPA 8270C	0.37	1	WKL	
ME-VR2	2020/21-2	Wet	1/29/2021 9:30:00 AM	2/9/2021 6:59:00 PM	4-Chloro-3-methylphenol	n/a	<	0.23	µg/L	EPA 625.1	0.23	1	WKL	
ME-VR2	2020/21-2	Wet	1/29/2021 9:30:00 AM	2/9/2021 6:59:00 PM	4-Chlorophenyl phenyl ether	n/a	<	0.41	µg/L	EPA 625.1	0.41	1	WKL	
ME-VR2	2020/21-2	Wet	1/29/2021 9:30:00 AM	3/5/2021 2:36:00 AM	4-Nitrophenol	n/a	<	1	µg/L	EPA 8270C	1	2	WKL	
ME-VR2	2020/21-2	Wet	1/29/2021 9:30:00 AM	2/9/2021 6:59:00 PM	4-Nitrophenol	n/a	<	1.2	µg/L	EPA 625.1	1.2	5	WKL	
ME-VR2	2020/21-2	Wet	1/29/2021 9:30:00 AM	2/9/2021 6:59:00 PM	Acenaphthene	n/a	<	0.38	µg/L	EPA 625.1	0.38	1	WKL	
ME-VR2	2020/21-2	Wet	1/29/2021 9:30:00 AM	2/27/2021 11:12:00 AM	Acenaphthene	n/a	<	0.028	µg/L	EPA 8270C	0.028	0.1	WKL	
ME-VR2	2020/21-2	Wet	1/29/2021 9:30:00 AM	2/9/2021 6:59:00 PM	Acenaphthylene	n/a	<	0.17	µg/L	EPA 625.1	0.17	1	WKL	
ME-VR2	2020/21-2	Wet	1/29/2021 9:30:00 AM	2/27/2021 11:12:00 AM	Acenaphthylene	n/a	<	0.033	µg/L	EPA 8270C	0.033	0.1	WKL	
ME-VR2	2020/21-2	Wet	1/29/2021 9:30:00 AM	2/9/2021 6:59:00 PM	Anthracene	n/a	<	0.12	µg/L	EPA 625.1	0.12	1	WKL	
ME-VR2	2020/21-2	Wet	1/29/2021 9:30:00 AM	2/27/2021 11:12:00 AM	Anthracene	n/a	<	0.025	µg/L	EPA 8270C	0.025	0.1	WKL	
ME-VR2	2020/21-2	Wet	1/29/2021 9:30:00 AM	2/9/2021 6:59:00 PM	Benz(a)anthracene	n/a	<	0.19	µg/L	EPA 625.1	0.19	1	WKL	
ME-VR2	2020/21-2	Wet	1/29/2021 9:30:00 AM	2/27/2021 11:12:00 AM	Benz(a)anthracene	n/a	<	0.051	µg/L	EPA 8270C	0.051	0.1	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
ME-VR2	2020/21-2	Wet	1/29/2021 9:30:00 AM	2/9/2021 6:59:00 PM	Benzidine	n/a	<	1.4	µg/L	EPA 625.1	1.4	10	WKL	
ME-VR2	2020/21-2	Wet	1/29/2021 9:30:00 AM	2/12/2021 5:57:00 AM	Benzo(a)pyrene	n/a	<	0.04	µg/L	EPA 525.2	0.04	0.2	WKL	
ME-VR2	2020/21-2	Wet	1/29/2021 9:30:00 AM	2/9/2021 6:59:00 PM	Benzo(a)pyrene	n/a	<	0.39	µg/L	EPA 625.1	0.39	1	WKL	
ME-VR2	2020/21-2	Wet	1/29/2021 9:30:00 AM	2/27/2021 11:12:00 AM	Benzo(a)pyrene	n/a	<	0.051	µg/L	EPA 8270C	0.051	0.1	WKL	
ME-VR2	2020/21-2	Wet	1/29/2021 9:30:00 AM	2/9/2021 6:59:00 PM	Benzo(b)fluoranthene	n/a	<	0.46	µg/L	EPA 625.1	0.46	1	WKL	
ME-VR2	2020/21-2	Wet	1/29/2021 9:30:00 AM	2/27/2021 11:12:00 AM	Benzo(b)fluoranthene	n/a	<	0.027	µg/L	EPA 8270C	0.027	0.1	WKL	
ME-VR2	2020/21-2	Wet	1/29/2021 9:30:00 AM	2/9/2021 6:59:00 PM	Benzo(g,h,i)perylene	n/a	<	0.42	µg/L	EPA 625.1	0.42	2	WKL	
ME-VR2	2020/21-2	Wet	1/29/2021 9:30:00 AM	2/27/2021 11:12:00 AM	Benzo(g,h,i)perylene	n/a	<	0.05	µg/L	EPA 8270C	0.05	0.1	WKL	
ME-VR2	2020/21-2	Wet	1/29/2021 9:30:00 AM	2/9/2021 6:59:00 PM	Benzo(k)fluoranthene	n/a	<	0.22	µg/L	EPA 625.1	0.22	1	WKL	
ME-VR2	2020/21-2	Wet	1/29/2021 9:30:00 AM	2/27/2021 11:12:00 AM	Benzo(k)fluoranthene	n/a	<	0.026	µg/L	EPA 8270C	0.026	0.1	WKL	
ME-VR2	2020/21-2	Wet	1/29/2021 9:30:00 AM	2/9/2021 6:59:00 PM	Bis(2-chloroethoxy)methane	n/a	<	0.25	µg/L	EPA 625.1	0.25	1	WKL	
ME-VR2	2020/21-2	Wet	1/29/2021 9:30:00 AM	2/9/2021 6:59:00 PM	Bis(2-chloroethyl)ether	n/a	<	0.27	µg/L	EPA 625.1	0.27	1	WKL	
ME-VR2	2020/21-2	Wet	1/29/2021 9:30:00 AM	2/9/2021 6:59:00 PM	Bis(2-chloroisopropyl)ether	n/a	<	0.38	µg/L	EPA 625.1	0.38	1	WKL	
ME-VR2	2020/21-2	Wet	1/29/2021 9:30:00 AM	2/12/2021 5:57:00 AM	Bis(2-ethylhexyl)adipate	n/a	<	0.24	µg/L	EPA 525.2	0.24	10	WKL	
ME-VR2	2020/21-2	Wet	1/29/2021 9:30:00 AM	2/12/2021 5:57:00 AM	Bis(2-ethylhexyl)phthalate	n/a	<	0.82	µg/L	EPA 525.2	0.82	6	WKL	
ME-VR2	2020/21-2	Wet	1/29/2021 9:30:00 AM	2/9/2021 6:59:00 PM	Bis(2-ethylhexyl)phthalate	n/a	<	2.3	µg/L	EPA 625.1	2.3	5	WKL	
ME-VR2	2020/21-2	Wet	1/29/2021 9:30:00 AM	2/9/2021 6:59:00 PM	Butyl benzyl phthalate	n/a	<	0.18	µg/L	EPA 625.1	0.18	1	WKL	
ME-VR2	2020/21-2	Wet	1/29/2021 9:30:00 AM	2/27/2021 11:12:00 AM	Chrysene	n/a	<	0.032	µg/L	EPA 8270C	0.032	0.1	WKL	
ME-VR2	2020/21-2	Wet	1/29/2021 9:30:00 AM	2/9/2021 6:59:00 PM	Chrysene	n/a	<	0.19	µg/L	EPA 625.1	0.19	1	WKL	
ME-VR2	2020/21-2	Wet	1/29/2021 9:30:00 AM	2/27/2021 11:12:00 AM	Dibenz(a,h)anthracene	n/a	<	0.096	µg/L	EPA 8270C	0.096	0.1	WKL	
ME-VR2	2020/21-2	Wet	1/29/2021 9:30:00 AM	2/9/2021 6:59:00 PM	Dibenz(a,h)anthracene	n/a	<	0.53	µg/L	EPA 625.1	0.53	2	WKL	
ME-VR2	2020/21-2	Wet	1/29/2021 9:30:00 AM	2/9/2021 6:59:00 PM	Diethyl phthalate	n/a	DNQ	0.61	µg/L	EPA 625.1	0.15	1	WKL	
ME-VR2	2020/21-2	Wet	1/29/2021 9:30:00 AM	2/9/2021 6:59:00 PM	Dimethyl phthalate	n/a	<	0.18	µg/L	EPA 625.1	0.18	1	WKL	
ME-VR2	2020/21-2	Wet	1/29/2021 9:30:00 AM	2/9/2021 6:59:00 PM	Di-n-butylphthalate	n/a	<	0.1	µg/L	EPA 625.1	0.1	1	WKL	
ME-VR2	2020/21-2	Wet	1/29/2021 9:30:00 AM	2/9/2021 6:59:00 PM	Di-n-octylphthalate	n/a	<	0.46	µg/L	EPA 625.1	0.46	1	WKL	
ME-VR2	2020/21-2	Wet	1/29/2021 9:30:00 AM	2/9/2021 6:59:00 PM	Fluoranthene	n/a	<	0.08	µg/L	EPA 625.1	0.08	1	WKL	
ME-VR2	2020/21-2	Wet	1/29/2021 9:30:00 AM	2/27/2021 11:12:00 AM	Fluoranthene	n/a	<	0.039	µg/L	EPA 8270C	0.039	0.1	WKL	
ME-VR2	2020/21-2	Wet	1/29/2021 9:30:00 AM	2/27/2021 11:12:00 AM	Fluorene	n/a	<	0.029	µg/L	EPA 8270C	0.029	0.1	WKL	
ME-VR2	2020/21-2	Wet	1/29/2021 9:30:00 AM	2/9/2021 6:59:00 PM	Fluorene	n/a	<	0.35	µg/L	EPA 625.1	0.35	1	WKL	
ME-VR2	2020/21-2	Wet	1/29/2021 9:30:00 AM	2/9/2021 6:59:00 PM	Hexachlorobenzene	n/a	<	0.49	µg/L	EPA 625.1	0.49	1	WKL	
ME-VR2	2020/21-2	Wet	1/29/2021 9:30:00 AM	2/9/2021 6:59:00 PM	Hexachlorobutadiene	n/a	<	0.47	µg/L	EPA 625.1	0.47	1	WKL	
ME-VR2	2020/21-2	Wet	1/29/2021 9:30:00 AM	2/9/2021 6:59:00 PM	Hexachlorocyclopentadiene	n/a	<	0.98	µg/L	EPA 625.1	0.98	5	WKL	
ME-VR2	2020/21-2	Wet	1/29/2021 9:30:00 AM	2/9/2021 6:59:00 PM	Hexachloroethane	n/a	<	0.5	µg/L	EPA 625.1	0.5	1	WKL	
ME-VR2	2020/21-2	Wet	1/29/2021 9:30:00 AM	2/9/2021 6:59:00 PM	Indeno(1,2,3-cd)pyrene	n/a	<	0.55	µg/L	EPA 625.1	0.55	2	WKL	
ME-VR2	2020/21-2	Wet	1/29/2021 9:30:00 AM	2/27/2021 11:12:00 AM	Indeno(1,2,3-cd)pyrene	n/a	<	0.065	µg/L	EPA 8270C	0.065	0.1	WKL	
ME-VR2	2020/21-2	Wet	1/29/2021 9:30:00 AM	2/9/2021 6:59:00 PM	Isophorone	n/a	<	0.21	µg/L	EPA 625.1	0.21	1	WKL	
ME-VR2	2020/21-2	Wet	1/29/2021 9:30:00 AM	2/9/2021 6:59:00 PM	Naphthalene	n/a	<	0.49	µg/L	EPA 625.1	0.49	1	WKL	
ME-VR2	2020/21-2	Wet	1/29/2021 9:30:00 AM	2/27/2021 11:12:00 AM	Naphthalene	n/a	<	0.026	µg/L	EPA 8270C	0.026	0.1	WKL	
ME-VR2	2020/21-2	Wet	1/29/2021 9:30:00 AM	2/9/2021 6:59:00 PM	Nitrobenzene	n/a	<	0.36	µg/L	EPA 625.1	0.36	1	WKL	
ME-VR2	2020/21-2	Wet	1/29/2021 9:30:00 AM	2/9/2021 6:59:00 PM	N-Nitrosodimethylamine	n/a	<	0.5	µg/L	EPA 625.1	0.5	1	WKL	
ME-VR2	2020/21-2	Wet	1/29/2021 9:30:00 AM	2/9/2021 6:59:00 PM	N-Nitrosodi-N-propylamine	n/a	<	0.26	µg/L	EPA 625.1	0.26	1	WKL	
ME-VR2	2020/21-2	Wet	1/29/2021 9:30:00 AM	2/9/2021 6:59:00 PM	N-Nitrosodiphenylamine	n/a	<	0.19	µg/L	EPA 625.1	0.19	1	WKL	
ME-VR2	2020/21-2	Wet	1/29/2021 9:30:00 AM	2/9/2021 6:59:00 PM	Phenanthrene	n/a	<	0.32	µg/L	EPA 625.1	0.32	1	WKL	
ME-VR2	2020/21-2	Wet	1/29/2021 9:30:00 AM	2/27/2021 11:12:00 AM	Phenanthrene	n/a	<	0.029	µg/L	EPA 8270C	0.029	0.1	WKL	
ME-VR2	2020/21-2	Wet	1/29/2021 9:30:00 AM	2/9/2021 6:59:00 PM	Phenol	n/a	<	0.16	µg/L	EPA 625.1	0.16	1	WKL	
ME-VR2	2020/21-2	Wet	1/29/2021 9:30:00 AM	3/5/2021 2:36:00 AM	Phenol	n/a	<	0.35	µg/L	EPA 8270C	0.35	1	WKL	
ME-VR2	2020/21-2	Wet	1/29/2021 9:30:00 AM	2/27/2021 11:12:00 AM	Pyrene	n/a	<	0.04	µg/L	EPA 8270C	0.04	0.1	WKL	
ME-VR2	2020/21-2	Wet	1/29/2021 9:30:00 AM	2/9/2021 6:59:00 PM	Pyrene	n/a	<	0.25	µg/L	EPA 625.1	0.25	1	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
ME-VR2	2020/21-2	Wet	1/29/2021 9:30:00 AM	2/16/2021 9:28:00 PM	PCB Aroclor 1016	n/a	<	1	µg/L	EPA 608.3	1	2.5	WKL	
ME-VR2	2020/21-2	Wet	1/29/2021 9:30:00 AM	2/16/2021 9:28:00 PM	PCB Aroclor 1221	n/a	<	1	µg/L	EPA 608.3	1	2.5	WKL	
ME-VR2	2020/21-2	Wet	1/29/2021 9:30:00 AM	2/16/2021 9:28:00 PM	PCB Aroclor 1232	n/a	<	1	µg/L	EPA 608.3	1	2.5	WKL	
ME-VR2	2020/21-2	Wet	1/29/2021 9:30:00 AM	2/16/2021 9:28:00 PM	PCB Aroclor 1242	n/a	<	1	µg/L	EPA 608.3	1	2.5	WKL	
ME-VR2	2020/21-2	Wet	1/29/2021 9:30:00 AM	2/16/2021 9:28:00 PM	PCB Aroclor 1248	n/a	<	1	µg/L	EPA 608.3	1	2.5	WKL	
ME-VR2	2020/21-2	Wet	1/29/2021 9:30:00 AM	2/16/2021 9:28:00 PM	PCB Aroclor 1254	n/a	<	1	µg/L	EPA 608.3	1	2.5	WKL	
ME-VR2	2020/21-2	Wet	1/29/2021 9:30:00 AM	2/16/2021 9:28:00 PM	PCB Aroclor 1260	n/a	<	1	µg/L	EPA 608.3	1	2.5	WKL	
ME-VR2	2020/21-2	Wet	1/29/2021 9:30:00 AM	2/13/2021 1:49:00 AM	2,4,5-T	n/a	<	0.055	µg/L	EPA 515.4	0.055	0.2	WKL	
ME-VR2	2020/21-2	Wet	1/29/2021 9:30:00 AM	2/13/2021 1:49:00 AM	2,4,5-TP	n/a	<	0.046	µg/L	EPA 515.4	0.046	0.2	WKL	
ME-VR2	2020/21-2	Wet	1/29/2021 9:30:00 AM	2/13/2021 1:49:00 AM	2,4-D	n/a	<	0.14	µg/L	EPA 515.4	0.14	0.4	WKL	
ME-VR2	2020/21-2	Wet	1/29/2021 9:30:00 AM	2/13/2021 1:49:00 AM	2,4-DB	n/a	<	0.19	µg/L	EPA 515.4	0.19	2	WKL	
ME-VR2	2020/21-2	Wet	1/29/2021 9:30:00 AM	2/13/2021 1:49:00 AM	3,5-Dichlorobenzoic acid	n/a	<	0.12	µg/L	EPA 515.4	0.12	1	WKL	
ME-VR2	2020/21-2	Wet	1/29/2021 9:30:00 AM	2/16/2021 9:28:00 PM	4,4'-DDD	n/a	<	0.0035	µg/L	EPA 608.3	0.0035	0.25	WKL	
ME-VR2	2020/21-2	Wet	1/29/2021 9:30:00 AM	2/16/2021 9:28:00 PM	4,4'-DDE	n/a	<	0.0035	µg/L	EPA 608.3	0.0035	0.25	WKL	
ME-VR2	2020/21-2	Wet	1/29/2021 9:30:00 AM	2/16/2021 9:28:00 PM	4,4'-DDT	n/a	<	0.0055	µg/L	EPA 608.3	0.0055	0.05	WKL	
ME-VR2	2020/21-2	Wet	1/29/2021 9:30:00 AM	2/13/2021 1:49:00 AM	Acifluorfen	n/a	<	0.072	µg/L	EPA 515.4	0.072	0.4	WKL	
ME-VR2	2020/21-2	Wet	1/29/2021 9:30:00 AM	2/12/2021 5:57:00 AM	Alachlor	n/a	<	0.06	µg/L	EPA 525.2	0.06	0.2	WKL	
ME-VR2	2020/21-2	Wet	1/29/2021 9:30:00 AM	2/16/2021 9:28:00 PM	Aldrin	n/a	<	0.005	µg/L	EPA 608.3	0.005	0.025	WKL	
ME-VR2	2020/21-2	Wet	1/29/2021 9:30:00 AM	2/16/2021 9:28:00 PM	alpha-BHC	n/a	<	0.0055	µg/L	EPA 608.3	0.0055	0.05	WKL	
ME-VR2	2020/21-2	Wet	1/29/2021 9:30:00 AM	2/16/2021 9:28:00 PM	alpha-Chlordane	n/a	<	0.014	µg/L	EPA 608.3	0.014	0.05	WKL	
ME-VR2	2020/21-2	Wet	1/29/2021 9:30:00 AM	2/12/2021 5:57:00 AM	Atrazine	n/a	<	0.06	µg/L	EPA 525.2	0.06	0.2	WKL	
ME-VR2	2020/21-2	Wet	1/29/2021 9:30:00 AM	2/3/2021 6:28:00 PM	Azinphos methyl	n/a	<	0.028	µg/L	EPA 625.1m	0.028	0.05	WKL	
ME-VR2	2020/21-2	Wet	1/29/2021 9:30:00 AM	2/13/2021 1:49:00 AM	Bentazon	n/a	<	0.23	µg/L	EPA 515.4	0.23	2	WKL	
ME-VR2	2020/21-2	Wet	1/29/2021 9:30:00 AM	2/16/2021 9:28:00 PM	beta-BHC	n/a	<	0.0075	µg/L	EPA 608.3	0.0075	0.025	WKL	
ME-VR2	2020/21-2	Wet	1/29/2021 9:30:00 AM	2/3/2021 6:28:00 PM	Bolstar	n/a	<	0.023	µg/L	EPA 625.1m	0.023	0.05	WKL	
ME-VR2	2020/21-2	Wet	1/29/2021 9:30:00 AM	2/12/2021 5:57:00 AM	Bromacil	n/a	<	0.32	µg/L	EPA 525.2	0.32	1	WKL	
ME-VR2	2020/21-2	Wet	1/29/2021 9:30:00 AM	2/12/2021 5:57:00 AM	Butachlor	n/a	<	0.06	µg/L	EPA 525.2	0.06	0.2	WKL	
ME-VR2	2020/21-2	Wet	1/29/2021 9:30:00 AM	2/12/2021 5:57:00 AM	Captan	n/a	<	0.32	µg/L	EPA 525.2	0.32	2	WKL	
ME-VR2	2020/21-2	Wet	1/29/2021 9:30:00 AM	2/16/2021 9:28:00 PM	Chlordane (technical)	n/a	<	0.5	µg/L	EPA 608.3	0.5	0.5	WKL	
ME-VR2	2020/21-2	Wet	1/29/2021 9:30:00 AM	2/12/2021 5:57:00 AM	Chlorpropham	n/a	<	0.08	µg/L	EPA 525.2	0.08	0.2	WKL	
ME-VR2	2020/21-2	Wet	1/29/2021 9:30:00 AM	2/3/2021 6:28:00 PM	Chlorpyrifos	n/a	<	0.034	µg/L	EPA 625.1m	0.034	0.05	WKL	
ME-VR2	2020/21-2	Wet	1/29/2021 9:30:00 AM	2/3/2021 6:28:00 PM	Coumaphos	n/a	<	0.026	µg/L	EPA 625.1m	0.026	0.05	WKL	
ME-VR2	2020/21-2	Wet	1/29/2021 9:30:00 AM	2/12/2021 5:57:00 AM	Cyanazine	n/a	<	0.08	µg/L	EPA 525.2	0.08	0.2	WKL	
ME-VR2	2020/21-2	Wet	1/29/2021 9:30:00 AM	2/13/2021 1:49:00 AM	Dalapon	n/a	<	0.4	µg/L	EPA 515.4	0.4	0.4	WKL	
ME-VR2	2020/21-2	Wet	1/29/2021 9:30:00 AM	2/13/2021 1:49:00 AM	DCPA (Dacthal)	n/a	<	0.053	µg/L	EPA 515.4	0.053	0.1	WKL	
ME-VR2	2020/21-2	Wet	1/29/2021 9:30:00 AM	2/16/2021 9:28:00 PM	delta-BHC	n/a	<	0.0095	µg/L	EPA 608.3	0.0095	0.025	WKL	
ME-VR2	2020/21-2	Wet	1/29/2021 9:30:00 AM	2/3/2021 6:28:00 PM	Demeton-O	n/a	<	0.05	µg/L	EPA 625.1m	0.05	0.05	WKL	
ME-VR2	2020/21-2	Wet	1/29/2021 9:30:00 AM	2/3/2021 6:28:00 PM	Demeton-S	n/a	<	0.05	µg/L	EPA 625.1m	0.05	0.05	WKL	
ME-VR2	2020/21-2	Wet	1/29/2021 9:30:00 AM	2/3/2021 6:28:00 PM	Diazinon	n/a	<	0.026	µg/L	EPA 625.1m	0.026	0.05	WKL	
ME-VR2	2020/21-2	Wet	1/29/2021 9:30:00 AM	2/12/2021 5:57:00 AM	Diazinon	n/a	<	0.1	µg/L	EPA 525.2	0.1	0.2	WKL	
ME-VR2	2020/21-2	Wet	1/29/2021 9:30:00 AM	2/13/2021 1:49:00 AM	Dicamba	n/a	<	0.075	µg/L	EPA 515.4	0.075	0.6	WKL	
ME-VR2	2020/21-2	Wet	1/29/2021 9:30:00 AM	2/13/2021 1:49:00 AM	Dichlorprop	n/a	<	0.12	µg/L	EPA 515.4	0.12	0.3	WKL	
ME-VR2	2020/21-2	Wet	1/29/2021 9:30:00 AM	2/3/2021 6:28:00 PM	Dichlorvos	n/a	<	0.014	µg/L	EPA 625.1m	0.014	0.05	WKL	
ME-VR2	2020/21-2	Wet	1/29/2021 9:30:00 AM	2/16/2021 9:28:00 PM	Dieldrin	n/a	<	0.004	µg/L	EPA 608.3	0.004	0.05	WKL	
ME-VR2	2020/21-2	Wet	1/29/2021 9:30:00 AM	2/12/2021 5:57:00 AM	Dimethoate	n/a	<	0.04	µg/L	EPA 525.2	0.04	0.4	WKL	
ME-VR2	2020/21-2	Wet	1/29/2021 9:30:00 AM	2/3/2021 6:28:00 PM	Dimethoate	n/a	<	0.031	µg/L	EPA 625.1m	0.031	0.05	WKL	
ME-VR2	2020/21-2	Wet	1/29/2021 9:30:00 AM	2/13/2021 1:49:00 AM	Dinoseb	n/a	<	0.055	µg/L	EPA 515.4	0.055	0.4	WKL	
ME-VR2	2020/21-2	Wet	1/29/2021 9:30:00 AM	2/12/2021 5:57:00 AM	Diphenamid	n/a	<	0.06	µg/L	EPA 525.2	0.06	0.2	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
ME-VR2	2020/21-2	Wet	1/29/2021 9:30:00 AM	2/3/2021 6:28:00 PM	Disulfoton	n/a	<	0.05	µg/L	EPA 625.1m	0.05	0.05	WKL	
ME-VR2	2020/21-2	Wet	1/29/2021 9:30:00 AM	2/12/2021 5:57:00 AM	Disulfoton	n/a	<	0.08	µg/L	EPA 525.2	0.08	0.2	WKL	
ME-VR2	2020/21-2	Wet	1/29/2021 9:30:00 AM	2/16/2021 9:28:00 PM	Endosulfan I	n/a	<	0.1	µg/L	EPA 608.3	0.1	0.1	WKL	
ME-VR2	2020/21-2	Wet	1/29/2021 9:30:00 AM	2/16/2021 9:28:00 PM	Endosulfan II	n/a	<	0.0035	µg/L	EPA 608.3	0.0035	0.05	WKL	
ME-VR2	2020/21-2	Wet	1/29/2021 9:30:00 AM	2/16/2021 9:28:00 PM	Endosulfan sulfate	n/a	<	0.0065	µg/L	EPA 608.3	0.0065	0.25	WKL	
ME-VR2	2020/21-2	Wet	1/29/2021 9:30:00 AM	2/16/2021 9:28:00 PM	Endrin	n/a	<	0.0085	µg/L	EPA 608.3	0.0085	0.05	WKL	
ME-VR2	2020/21-2	Wet	1/29/2021 9:30:00 AM	2/16/2021 9:28:00 PM	Endrin aldehyde	n/a	<	0.0095	µg/L	EPA 608.3	0.0095	0.05	WKL	
ME-VR2	2020/21-2	Wet	1/29/2021 9:30:00 AM	2/12/2021 5:57:00 AM	EPTC	n/a	<	0.04	µg/L	EPA 525.2	0.04	0.2	WKL	
ME-VR2	2020/21-2	Wet	1/29/2021 9:30:00 AM	2/3/2021 6:28:00 PM	Ethoprop	n/a	<	0.034	µg/L	EPA 625.1m	0.034	0.05	WKL	
ME-VR2	2020/21-2	Wet	1/29/2021 9:30:00 AM	2/3/2021 6:28:00 PM	Ethyl parathion	n/a	<	0.027	µg/L	EPA 625.1m	0.027	0.05	WKL	
ME-VR2	2020/21-2	Wet	1/29/2021 9:30:00 AM	2/3/2021 6:28:00 PM	Fensulfothion	n/a	<	0.014	µg/L	EPA 625.1m	0.014	0.05	WKL	
ME-VR2	2020/21-2	Wet	1/29/2021 9:30:00 AM	2/3/2021 6:28:00 PM	Fenthion	n/a	<	0.019	µg/L	EPA 625.1m	0.019	0.05	WKL	
ME-VR2	2020/21-2	Wet	1/29/2021 9:30:00 AM	2/16/2021 9:28:00 PM	gamma-BHC (Lindane)	n/a	<	0.1	µg/L	EPA 608.3	0.1	0.1	WKL	
ME-VR2	2020/21-2	Wet	1/29/2021 9:30:00 AM	2/16/2021 9:28:00 PM	gamma-Chlordane	n/a	<	0.012	µg/L	EPA 608.3	0.012	0.05	WKL	
ME-VR2	2020/21-2	Wet	1/29/2021 9:30:00 AM	2/3/2021 3:57:00 PM	Glyphosate	n/a	DNQ	9.2	µg/L	EPA 547	9	25	WKL	
ME-VR2	2020/21-2	Wet	1/29/2021 9:30:00 AM	2/16/2021 9:28:00 PM	Heptachlor	n/a	<	0.003	µg/L	EPA 608.3	0.003	0.05	WKL	
ME-VR2	2020/21-2	Wet	1/29/2021 9:30:00 AM	2/16/2021 9:28:00 PM	Heptachlor epoxide	n/a	<	0.002	µg/L	EPA 608.3	0.002	0.05	WKL	
ME-VR2	2020/21-2	Wet	1/29/2021 9:30:00 AM	2/3/2021 6:28:00 PM	Malathion	n/a	<	0.038	µg/L	EPA 625.1m	0.038	0.05	WKL	
ME-VR2	2020/21-2	Wet	1/29/2021 9:30:00 AM	2/3/2021 6:28:00 PM	Merphos	n/a	<	0.029	µg/L	EPA 625.1m	0.029	0.05	WKL	
ME-VR2	2020/21-2	Wet	1/29/2021 9:30:00 AM	2/16/2021 9:28:00 PM	Methoxychlor	n/a	<	0.007	µg/L	EPA 608.3	0.007	0.1	WKL	
ME-VR2	2020/21-2	Wet	1/29/2021 9:30:00 AM	2/3/2021 6:28:00 PM	Methyl parathion	n/a	<	0.032	µg/L	EPA 625.1m	0.032	0.05	WKL	
ME-VR2	2020/21-2	Wet	1/29/2021 9:30:00 AM	2/12/2021 5:57:00 AM	Metolachlor	n/a	<	0.06	µg/L	EPA 525.2	0.06	0.2	WKL	
ME-VR2	2020/21-2	Wet	1/29/2021 9:30:00 AM	2/12/2021 5:57:00 AM	Metribuzin	n/a	<	0.06	µg/L	EPA 525.2	0.06	0.2	WKL	
ME-VR2	2020/21-2	Wet	1/29/2021 9:30:00 AM	2/3/2021 6:28:00 PM	Mevinphos	n/a	<	0.021	µg/L	EPA 625.1m	0.021	0.05	WKL	
ME-VR2	2020/21-2	Wet	1/29/2021 9:30:00 AM	2/12/2021 5:57:00 AM	Molinate	n/a	<	0.06	µg/L	EPA 525.2	0.06	0.2	WKL	
ME-VR2	2020/21-2	Wet	1/29/2021 9:30:00 AM	2/3/2021 6:28:00 PM	Naled	n/a	<	0.038	µg/L	EPA 625.1m	0.038	0.05	WKL	
ME-VR2	2020/21-2	Wet	1/29/2021 9:30:00 AM	2/13/2021 1:49:00 AM	Pentachlorophenol	n/a	<	0.046	µg/L	EPA 515.4	0.046	0.2	WKL	
ME-VR2	2020/21-2	Wet	1/29/2021 9:30:00 AM	2/9/2021 6:59:00 PM	Pentachlorophenol	n/a	<	0.4	µg/L	EPA 625.1	0.4	1	WKL	
ME-VR2	2020/21-2	Wet	1/29/2021 9:30:00 AM	3/5/2021 2:36:00 AM	Pentachlorophenol	n/a	DNQ	0.16	µg/L	EPA 8270C	0.15	1	WKL	
ME-VR2	2020/21-2	Wet	1/29/2021 9:30:00 AM	2/3/2021 6:28:00 PM	Phorate	n/a	<	0.015	µg/L	EPA 625.1m	0.015	0.05	WKL	
ME-VR2	2020/21-2	Wet	1/29/2021 9:30:00 AM	2/13/2021 1:49:00 AM	Picloram	n/a	<	0.038	µg/L	EPA 515.4	0.038	0.6	WKL	
ME-VR2	2020/21-2	Wet	1/29/2021 9:30:00 AM	2/12/2021 5:57:00 AM	Prometon	n/a	<	0.02	µg/L	EPA 525.2	0.02	0.2	WKL	
ME-VR2	2020/21-2	Wet	1/29/2021 9:30:00 AM	2/12/2021 5:57:00 AM	Prometryn	n/a	<	0.06	µg/L	EPA 525.2	0.06	0.2	WKL	
ME-VR2	2020/21-2	Wet	1/29/2021 9:30:00 AM	2/3/2021 6:28:00 PM	Ronnel (Fenchlorphos)	n/a	<	0.02	µg/L	EPA 625.1m	0.02	0.05	WKL	
ME-VR2	2020/21-2	Wet	1/29/2021 9:30:00 AM	2/12/2021 5:57:00 AM	Simazine	n/a	<	0.04	µg/L	EPA 525.2	0.04	0.2	WKL	
ME-VR2	2020/21-2	Wet	1/29/2021 9:30:00 AM	2/3/2021 6:28:00 PM	Stirophos (Tetrachlorvinphos)	n/a	<	0.016	µg/L	EPA 625.1m	0.016	0.05	WKL	
ME-VR2	2020/21-2	Wet	1/29/2021 9:30:00 AM	2/12/2021 5:57:00 AM	Terbacil	n/a	<	0.18	µg/L	EPA 525.2	0.18	4	WKL	
ME-VR2	2020/21-2	Wet	1/29/2021 9:30:00 AM	2/12/2021 5:57:00 AM	Thiobencarb	n/a	<	0.06	µg/L	EPA 525.2	0.06	0.2	WKL	
ME-VR2	2020/21-2	Wet	1/29/2021 9:30:00 AM	2/3/2021 6:28:00 PM	Tokuthion	n/a	<	0.039	µg/L	EPA 625.1m	0.039	0.05	WKL	
ME-VR2	2020/21-2	Wet	1/29/2021 9:30:00 AM	2/16/2021 9:28:00 PM	Toxaphene	n/a	<	5	µg/L	EPA 608.3	5	5	WKL	
ME-VR2	2020/21-2	Wet	1/29/2021 9:30:00 AM	2/3/2021 6:28:00 PM	Trichloronate	n/a	<	0.034	µg/L	EPA 625.1m	0.034	0.05	WKL	
ME-VR2	2020/21-2	Wet	1/29/2021 9:30:00 AM	2/12/2021 5:57:00 AM	Trithion	n/a	<	0.04	µg/L	EPA 525.2	0.04	0.2	WKL	
ME-VR2	2020/21-3	Wet	3/10/2021 3:30:00 AM	3/10/2021 3:30:00 AM	Conductivity	n/a	=	856	µmhos/cm	Field Meter	-88	1	Field Crew	
ME-VR2	2020/21-3	Wet	3/10/2021 3:30:00 AM	3/15/2021 3:25:00 PM	Cyanide	Total	<	0.0003	mg/L	ASTM D7511	0.0003	0.002	WKL	
ME-VR2	2020/21-3	Wet	3/10/2021 3:30:00 AM	3/10/2021 3:30:00 AM	DO	n/a	=	61.9	%	Field Meter	-88	0.1	Field Crew	
ME-VR2	2020/21-3	Wet	3/10/2021 3:30:00 AM	3/10/2021 3:30:00 AM	DO	n/a	=	6.5	mg/L	Field Meter	-88	0.3	Field Crew	
ME-VR2	2020/21-3	Wet	3/10/2021 3:30:00 AM	3/10/2021 3:30:00 AM	pH	n/a	=	7.22	pH Units	Field Meter	-88	0.01	Field Crew	
ME-VR2	2020/21-3	Wet	3/10/2021 3:30:00 AM	3/10/2021 3:30:00 AM	Salinity	n/a	=	600	mg/L	Field Meter	-88	100	Field Crew	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
ME-VR2	2020/21-3	Wet	3/10/2021 3:30:00 AM	3/10/2021 3:30:00 AM	Specific Conductance	n/a	=	1104	µmhos/cm	Field Meter	-88	1	Field Crew	
ME-VR2	2020/21-3	Wet	3/10/2021 3:30:00 AM	3/10/2021 3:30:00 AM	Temperature	n/a	=	13.2	°C	Field Meter	-88	0.1	Field Crew	
ME-VR2	2020/21-3	Wet	3/10/2021 3:30:00 AM	3/24/2021 5:28:00 PM	Oil and Grease	n/a	DNQ	0.7	mg/L	EPA 1664B	0.7	5	WKL	
ME-VR2	2020/21-3	Wet	3/10/2021 11:00:00 AM	3/12/2021 11:21:00 PM	Chloride	n/a	=	70	mg/L	EPA 300.0	0.17	1	WKL	
ME-VR2	2020/21-3	Wet	3/10/2021 11:00:00 AM	3/12/2021 11:21:00 PM	Fluoride	n/a	=	0.36	mg/L	EPA 300.0	0.018	0.2	WKL	
ME-VR2	2020/21-3	Wet	3/10/2021 11:00:00 AM	3/19/2021 11:27:00 PM	Perchlorate	n/a	<	0.84	µg/L	EPA 314.0	0.84	2	WKL	
ME-VR2	2020/21-3	Wet	3/10/2021 11:00:00 AM	3/19/2021 6:16:00 PM	Calcium	Total	=	125	mg/L	EPA 200.7	0.16	0.5	WKL	
ME-VR2	2020/21-3	Wet	3/10/2021 11:00:00 AM	3/19/2021 6:16:00 PM	Magnesium	Total	=	35.2	mg/L	EPA 200.7	0.039	0.5	WKL	
ME-VR2	2020/21-3	Wet	3/10/2021 11:00:00 AM	3/11/2021 11:53:00 AM	Alkalinity as CaCO3	n/a	=	260	mg/L	SM 2320 B	0.56	5	WKL	
ME-VR2	2020/21-3	Wet	3/10/2021 11:00:00 AM	3/16/2021 4:35:00 PM	BOD	n/a	=	2	mg/L	SM 5210 B	2	2	WKL	
ME-VR2	2020/21-3	Wet	3/10/2021 11:00:00 AM	3/18/2021 11:55:00 AM	COD	n/a	=	6.3	mg/L	EPA 410.4	2.9	5	WKL	
ME-VR2	2020/21-3	Wet	3/10/2021 11:00:00 AM	3/19/2021 6:16:00 PM	Hardness as CaCO3	Total	=	458	mg/L	EPA 200.7	0.56	3.31	WKL	
ME-VR2	2020/21-3	Wet	3/10/2021 11:00:00 AM	3/11/2021 8:59:00 PM	MBAS	n/a	<	0.017	mg/L	SM 5540 C	0.017	0.05	WKL	
ME-VR2	2020/21-3	Wet	3/10/2021 11:00:00 AM	3/19/2021 1:50:00 PM	Phenolics	n/a	<	0.0032	mg/L	EPA 420.4	0.0032	0.01	WKL	
ME-VR2	2020/21-3	Wet	3/10/2021 11:00:00 AM	3/15/2021 1:42:00 PM	Specific Conductance	n/a	=	1200	µmhos/cm	SM 2510 B	0.23	2	WKL	
ME-VR2	2020/21-3	Wet	3/10/2021 11:00:00 AM	3/15/2021 6:00:00 PM	Total Dissolved Solids	n/a	=	810	mg/L	SM 2540 C	4	10	WKL	
ME-VR2	2020/21-3	Wet	3/10/2021 11:00:00 AM	4/5/2021	Total Organic Carbon	n/a	<	1	mg/L	SM 5310 B	1	1	WKL	
ME-VR2	2020/21-3	Wet	3/10/2021 11:00:00 AM	3/12/2021 4:29:00 PM	Total Suspended Solids	n/a	=	7	mg/L	SM 2540 D	-88	5	WKL	
ME-VR2	2020/21-3	Wet	3/10/2021 11:00:00 AM	3/11/2021 4:57:00 PM	Turbidity	n/a	=	1.4	NTU	EPA 180.1	0.017	0.1	WKL	
ME-VR2	2020/21-3	Wet	3/10/2021 11:00:00 AM	3/12/2021 4:29:00 PM	Volatile Suspended Solids	n/a	<	3.1	mg/L	EPA 160.4	3.1	5	WKL	
ME-VR2	2020/21-3	Wet	3/10/2021 11:00:00 AM	3/25/2021 9:13:00 PM	Diesel Range Organics	n/a	DNQ	0.087	mg/L	EPA 8015B	0.032	0.1	WKL	UL-MB
ME-VR2	2020/21-3	Wet	3/10/2021 11:00:00 AM	3/25/2021 9:13:00 PM	Oil Range Organics	n/a	<	0.33	mg/L	EPA 8015B	0.33	0.5	WKL	
ME-VR2	2020/21-3	Wet	3/10/2021 11:00:00 AM	3/17/2021 4:03:00 PM	Aluminum	Dissolved	<	4.4	µg/L	EPA 200.8	4.4	20	WKL	
ME-VR2	2020/21-3	Wet	3/10/2021 11:00:00 AM	3/17/2021 4:06:00 PM	Aluminum	Total	=	49	µg/L	EPA 200.8	4.4	20	WKL	
ME-VR2	2020/21-3	Wet	3/10/2021 11:00:00 AM	3/17/2021 4:03:00 PM	Antimony	Dissolved	<	0.089	µg/L	EPA 200.8	0.089	0.5	WKL	
ME-VR2	2020/21-3	Wet	3/10/2021 11:00:00 AM	3/17/2021 4:06:00 PM	Antimony	Total	<	0.089	µg/L	EPA 200.8	0.089	0.5	WKL	
ME-VR2	2020/21-3	Wet	3/10/2021 11:00:00 AM	3/17/2021 4:03:00 PM	Arsenic	Dissolved	=	0.54	µg/L	EPA 200.8	0.074	0.4	WKL	
ME-VR2	2020/21-3	Wet	3/10/2021 11:00:00 AM	3/17/2021 4:06:00 PM	Arsenic	Total	=	0.61	µg/L	EPA 200.8	0.074	0.4	WKL	
ME-VR2	2020/21-3	Wet	3/10/2021 11:00:00 AM	3/17/2021 4:06:00 PM	Barium	Total	=	44	µg/L	EPA 200.8	0.14	1	WKL	
ME-VR2	2020/21-3	Wet	3/10/2021 11:00:00 AM	3/17/2021 4:03:00 PM	Beryllium	Dissolved	<	0.062	µg/L	EPA 200.8	0.062	0.1	WKL	
ME-VR2	2020/21-3	Wet	3/10/2021 11:00:00 AM	3/17/2021 4:06:00 PM	Beryllium	Total	<	0.062	µg/L	EPA 200.8	0.062	0.1	WKL	
ME-VR2	2020/21-3	Wet	3/10/2021 11:00:00 AM	3/17/2021 4:03:00 PM	Cadmium	Dissolved	<	0.042	µg/L	EPA 200.8	0.042	0.2	WKL	
ME-VR2	2020/21-3	Wet	3/10/2021 11:00:00 AM	3/17/2021 4:06:00 PM	Cadmium	Total	<	0.042	µg/L	EPA 200.8	0.042	0.2	WKL	
ME-VR2	2020/21-3	Wet	3/10/2021 11:00:00 AM	3/17/2021 4:03:00 PM	Chromium	Dissolved	DNQ	0.11	µg/L	EPA 200.8	0.089	0.2	WKL	UL-MB
ME-VR2	2020/21-3	Wet	3/10/2021 11:00:00 AM	3/17/2021 4:06:00 PM	Chromium	Total	DNQ	0.17	µg/L	EPA 200.8	0.089	0.2	WKL	
ME-VR2	2020/21-3	Wet	3/10/2021 11:00:00 AM	3/22/2021 1:39:00 PM	Chromium VI	n/a	DNQ	0.015	µg/L	EPA 218.6	0.0079	0.02	WKL	
ME-VR2	2020/21-3	Wet	3/10/2021 11:00:00 AM	3/17/2021 4:03:00 PM	Copper	Dissolved	=	0.7	µg/L	EPA 200.8	0.23	0.5	WKL	UL-MB
ME-VR2	2020/21-3	Wet	3/10/2021 11:00:00 AM	3/17/2021 4:06:00 PM	Copper	Total	=	0.62	µg/L	EPA 200.8	0.23	0.5	WKL	
ME-VR2	2020/21-3	Wet	3/10/2021 11:00:00 AM	3/17/2021 4:03:00 PM	Iron	Dissolved	=	94	µg/L	EPA 200.8	3.9	20	WKL	
ME-VR2	2020/21-3	Wet	3/10/2021 11:00:00 AM	3/17/2021 4:06:00 PM	Iron	Total	=	260	µg/L	EPA 200.8	3.9	20	WKL	
ME-VR2	2020/21-3	Wet	3/10/2021 11:00:00 AM	3/17/2021 4:03:00 PM	Lead	Dissolved	<	0.083	µg/L	EPA 200.8	0.083	0.2	WKL	
ME-VR2	2020/21-3	Wet	3/10/2021 11:00:00 AM	3/17/2021 4:06:00 PM	Lead	Total	DNQ	0.084	µg/L	EPA 200.8	0.083	0.2	WKL	
ME-VR2	2020/21-3	Wet	3/10/2021 11:00:00 AM	3/18/2021 2:44:00 PM	Mercury	Dissolved	<	17	ng/L	EPA 245.1	17	50	WKL	
ME-VR2	2020/21-3	Wet	3/10/2021 11:00:00 AM	3/18/2021 2:46:00 PM	Mercury	Total	<	17	ng/L	EPA 245.1	17	50	WKL	
ME-VR2	2020/21-3	Wet	3/10/2021 11:00:00 AM	3/17/2021 4:03:00 PM	Nickel	Dissolved	=	2.9	µg/L	EPA 200.8	0.16	2	WKL	
ME-VR2	2020/21-3	Wet	3/10/2021 11:00:00 AM	3/17/2021 4:06:00 PM	Nickel	Total	=	2.6	µg/L	EPA 200.8	0.16	2	WKL	
ME-VR2	2020/21-3	Wet	3/10/2021 11:00:00 AM	3/17/2021 4:03:00 PM	Selenium	Dissolved	=	0.97	µg/L	EPA 200.8	0.067	0.4	WKL	
ME-VR2	2020/21-3	Wet	3/10/2021 11:00:00 AM	3/17/2021 4:06:00 PM	Selenium	Total	=	0.99	µg/L	EPA 200.8	0.067	0.4	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
ME-VR2	2020/21-3	Wet	3/10/2021 11:00:00 AM	3/17/2021 4:03:00 PM	Silver	Dissolved	<	0.03	µg/L	EPA 200.8	0.03	0.2	WKL	
ME-VR2	2020/21-3	Wet	3/10/2021 11:00:00 AM	3/17/2021 4:06:00 PM	Silver	Total	<	0.03	µg/L	EPA 200.8	0.03	0.2	WKL	
ME-VR2	2020/21-3	Wet	3/10/2021 11:00:00 AM	3/17/2021 4:03:00 PM	Thallium	Dissolved	<	0.021	µg/L	EPA 200.8	0.021	0.2	WKL	
ME-VR2	2020/21-3	Wet	3/10/2021 11:00:00 AM	3/17/2021 4:06:00 PM	Thallium	Total	<	0.021	µg/L	EPA 200.8	0.021	0.2	WKL	
ME-VR2	2020/21-3	Wet	3/10/2021 11:00:00 AM	3/17/2021 4:03:00 PM	Zinc	Dissolved	DNQ	1.5	µg/L	EPA 200.8	0.8	10	WKL	
ME-VR2	2020/21-3	Wet	3/10/2021 11:00:00 AM	3/17/2021 4:06:00 PM	Zinc	Total	DNQ	2	µg/L	EPA 200.8	0.8	10	WKL	
ME-VR2	2020/21-3	Wet	3/10/2021 11:00:00 AM	3/18/2021 3:42:00 PM	Ammonia as N	n/a	<	0.047	mg/L	EPA 350.1	0.047	0.1	WKL	
ME-VR2	2020/21-3	Wet	3/10/2021 11:00:00 AM	3/11/2021 7:06:00 PM	Nitrate + Nitrite as N	n/a	=	0.34	mg/L	EPA 353.2	0.036	0.2	WKL	
ME-VR2	2020/21-3	Wet	3/10/2021 11:00:00 AM	3/19/2021 6:13:00 PM	Phosphorus as P	Dissolved	<	0.012	mg/L	EPA 200.7	0.012	0.02	WKL	
ME-VR2	2020/21-3	Wet	3/10/2021 11:00:00 AM	3/19/2021 6:16:00 PM	Phosphorus as P	Total	DNQ	0.027	mg/L	EPA 200.7	0.018	0.05	WKL	
ME-VR2	2020/21-3	Wet	3/10/2021 11:00:00 AM	3/19/2021 3:54:00 PM	TKN	n/a	=	0.2	mg/L	EPA 351.2	0.065	0.1	WKL	
ME-VR2	2020/21-3	Wet	3/10/2021 11:00:00 AM	4/2/2021 12:21:00 AM	1,2,4-Trichlorobenzene	n/a	<	0.49	µg/L	EPA 625.1	0.49	1	WKL	
ME-VR2	2020/21-3	Wet	3/10/2021 11:00:00 AM	4/2/2021 12:21:00 AM	1,2-Dichlorobenzene	n/a	<	0.46	µg/L	EPA 625.1	0.46	1	WKL	
ME-VR2	2020/21-3	Wet	3/10/2021 11:00:00 AM	4/2/2021 12:21:00 AM	1,2-Diphenylhydrazine	n/a	<	0.3	µg/L	EPA 625.1	0.3	1	WKL	
ME-VR2	2020/21-3	Wet	3/10/2021 11:00:00 AM	4/2/2021 12:21:00 AM	1,3-Dichlorobenzene	n/a	<	0.42	µg/L	EPA 625.1	0.42	1	WKL	
ME-VR2	2020/21-3	Wet	3/10/2021 11:00:00 AM	4/2/2021 12:21:00 AM	1,4-Dichlorobenzene	n/a	<	0.48	µg/L	EPA 625.1	0.48	1	WKL	
ME-VR2	2020/21-3	Wet	3/10/2021 11:00:00 AM	3/27/2021 2:30:00 AM	1-Methylnaphthalene	n/a	<	0.024	µg/L	EPA 8270C	0.024	0.1	WKL	
ME-VR2	2020/21-3	Wet	3/10/2021 11:00:00 AM	3/26/2021 1:22:00 AM	2,4,5-Trichlorophenol	n/a	<	0.29	µg/L	EPA 8270C	0.29	1	WKL	
ME-VR2	2020/21-3	Wet	3/10/2021 11:00:00 AM	4/2/2021 12:21:00 AM	2,4,6-Trichlorophenol	n/a	<	0.22	µg/L	EPA 625.1	0.22	1	WKL	
ME-VR2	2020/21-3	Wet	3/10/2021 11:00:00 AM	3/26/2021 1:22:00 AM	2,4,6-Trichlorophenol	n/a	<	0.3	µg/L	EPA 8270C	0.3	1	WKL	
ME-VR2	2020/21-3	Wet	3/10/2021 11:00:00 AM	4/2/2021 12:21:00 AM	2,4-Dichlorophenol	n/a	<	0.26	µg/L	EPA 625.1	0.26	1	WKL	
ME-VR2	2020/21-3	Wet	3/10/2021 11:00:00 AM	3/26/2021 1:22:00 AM	2,4-Dichlorophenol	n/a	<	0.51	µg/L	EPA 8270C	0.51	1	WKL	
ME-VR2	2020/21-3	Wet	3/10/2021 11:00:00 AM	4/2/2021 12:21:00 AM	2,4-Dimethylphenol	n/a	<	0.3	µg/L	EPA 625.1	0.3	1	WKL	
ME-VR2	2020/21-3	Wet	3/10/2021 11:00:00 AM	3/26/2021 1:22:00 AM	2,4-Dimethylphenol	n/a	<	1	µg/L	EPA 8270C	1	2	WKL	
ME-VR2	2020/21-3	Wet	3/10/2021 11:00:00 AM	3/26/2021 1:22:00 AM	2,4-Dinitrophenol	n/a	<	1	µg/L	EPA 8270C	1	2	WKL	
ME-VR2	2020/21-3	Wet	3/10/2021 11:00:00 AM	4/2/2021 12:21:00 AM	2,4-Dinitrophenol	n/a	<	1.9	µg/L	EPA 625.1	1.9	10	WKL	
ME-VR2	2020/21-3	Wet	3/10/2021 11:00:00 AM	4/2/2021 12:21:00 AM	2,4-Dinitrotoluene	n/a	<	0.18	µg/L	EPA 625.1	0.18	1	WKL	
ME-VR2	2020/21-3	Wet	3/10/2021 11:00:00 AM	4/2/2021 12:21:00 AM	2,6-Dinitrotoluene	n/a	<	0.27	µg/L	EPA 625.1	0.27	1	WKL	
ME-VR2	2020/21-3	Wet	3/10/2021 11:00:00 AM	4/2/2021 12:21:00 AM	2-Chloronaphthalene	n/a	<	0.45	µg/L	EPA 625.1	0.45	1	WKL	
ME-VR2	2020/21-3	Wet	3/10/2021 11:00:00 AM	4/2/2021 12:21:00 AM	2-Chlorophenol	n/a	<	0.28	µg/L	EPA 625.1	0.28	1	WKL	
ME-VR2	2020/21-3	Wet	3/10/2021 11:00:00 AM	3/26/2021 1:22:00 AM	2-Chlorophenol	n/a	<	0.65	µg/L	EPA 8270C	0.65	1	WKL	
ME-VR2	2020/21-3	Wet	3/10/2021 11:00:00 AM	3/27/2021 2:30:00 AM	2-Methylnaphthalene	n/a	<	0.026	µg/L	EPA 8270C	0.026	0.1	WKL	
ME-VR2	2020/21-3	Wet	3/10/2021 11:00:00 AM	3/26/2021 1:22:00 AM	2-Methylphenol	n/a	<	0.34	µg/L	EPA 8270C	0.34	1	WKL	
ME-VR2	2020/21-3	Wet	3/10/2021 11:00:00 AM	3/26/2021 1:22:00 AM	2-Nitrophenol	n/a	<	0.71	µg/L	EPA 8270C	0.71	1	WKL	
ME-VR2	2020/21-3	Wet	3/10/2021 11:00:00 AM	4/2/2021 12:21:00 AM	2-Nitrophenol	n/a	<	0.26	µg/L	EPA 625.1	0.26	1	WKL	
ME-VR2	2020/21-3	Wet	3/10/2021 11:00:00 AM	4/2/2021 12:21:00 AM	3,3'-Dichlorobenzidine	n/a	<	0.99	µg/L	EPA 625.1	0.99	5	WKL	
ME-VR2	2020/21-3	Wet	3/10/2021 11:00:00 AM	3/26/2021 1:22:00 AM	3-/4-Methylphenol	n/a	<	0.3	µg/L	EPA 8270C	0.3	1	WKL	
ME-VR2	2020/21-3	Wet	3/10/2021 11:00:00 AM	3/26/2021 1:22:00 AM	4,6-Dinitro-2-methylphenol	n/a	<	0.14	µg/L	EPA 8270C	0.14	1	WKL	
ME-VR2	2020/21-3	Wet	3/10/2021 11:00:00 AM	4/2/2021 12:21:00 AM	4,6-Dinitro-2-methylphenol	n/a	<	1.4	µg/L	EPA 625.1	1.4	5	WKL	
ME-VR2	2020/21-3	Wet	3/10/2021 11:00:00 AM	4/2/2021 12:21:00 AM	4-Bromophenyl phenyl ether	n/a	<	0.36	µg/L	EPA 625.1	0.36	1	WKL	
ME-VR2	2020/21-3	Wet	3/10/2021 11:00:00 AM	3/26/2021 1:22:00 AM	4-Chloro-3-methylphenol	n/a	<	0.37	µg/L	EPA 8270C	0.37	1	WKL	
ME-VR2	2020/21-3	Wet	3/10/2021 11:00:00 AM	4/2/2021 12:21:00 AM	4-Chloro-3-methylphenol	n/a	<	0.23	µg/L	EPA 625.1	0.23	1	WKL	
ME-VR2	2020/21-3	Wet	3/10/2021 11:00:00 AM	4/2/2021 12:21:00 AM	4-Chlorophenyl phenyl ether	n/a	<	0.41	µg/L	EPA 625.1	0.41	1	WKL	
ME-VR2	2020/21-3	Wet	3/10/2021 11:00:00 AM	4/2/2021 12:21:00 AM	4-Nitrophenol	n/a	<	1.2	µg/L	EPA 625.1	1.2	5	WKL	
ME-VR2	2020/21-3	Wet	3/10/2021 11:00:00 AM	3/26/2021 1:22:00 AM	4-Nitrophenol	n/a	<	1	µg/L	EPA 8270C	1	2	WKL	
ME-VR2	2020/21-3	Wet	3/10/2021 11:00:00 AM	4/2/2021 12:21:00 AM	Acenaphthene	n/a	<	0.38	µg/L	EPA 625.1	0.38	1	WKL	
ME-VR2	2020/21-3	Wet	3/10/2021 11:00:00 AM	3/27/2021 2:30:00 AM	Acenaphthene	n/a	<	0.028	µg/L	EPA 8270C	0.028	0.1	WKL	
ME-VR2	2020/21-3	Wet	3/10/2021 11:00:00 AM	3/27/2021 2:30:00 AM	Acenaphthylene	n/a	<	0.033	µg/L	EPA 8270C	0.033	0.1	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
ME-VR2	2020/21-3	Wet	3/10/2021 11:00:00 AM	4/2/2021 12:21:00 AM	Acenaphthylene	n/a	<	0.17	µg/L	EPA 625.1	0.17	1	WKL	
ME-VR2	2020/21-3	Wet	3/10/2021 11:00:00 AM	3/27/2021 2:30:00 AM	Anthracene	n/a	<	0.025	µg/L	EPA 8270C	0.025	0.1	WKL	
ME-VR2	2020/21-3	Wet	3/10/2021 11:00:00 AM	4/2/2021 12:21:00 AM	Anthracene	n/a	<	0.12	µg/L	EPA 625.1	0.12	1	WKL	
ME-VR2	2020/21-3	Wet	3/10/2021 11:00:00 AM	3/27/2021 2:30:00 AM	Benz(a)anthracene	n/a	<	0.051	µg/L	EPA 8270C	0.051	0.1	WKL	
ME-VR2	2020/21-3	Wet	3/10/2021 11:00:00 AM	4/2/2021 12:21:00 AM	Benz(a)anthracene	n/a	<	0.19	µg/L	EPA 625.1	0.19	1	WKL	
ME-VR2	2020/21-3	Wet	3/10/2021 11:00:00 AM	4/2/2021 12:21:00 AM	Benzidine	n/a	<	1.4	µg/L	EPA 625.1	1.4	10	WKL	
ME-VR2	2020/21-3	Wet	3/10/2021 11:00:00 AM	3/27/2021 2:30:00 AM	Benzo(a)pyrene	n/a	<	0.051	µg/L	EPA 8270C	0.051	0.1	WKL	
ME-VR2	2020/21-3	Wet	3/10/2021 11:00:00 AM	4/2/2021 12:21:00 AM	Benzo(a)pyrene	n/a	<	0.39	µg/L	EPA 625.1	0.39	1	WKL	
ME-VR2	2020/21-3	Wet	3/10/2021 11:00:00 AM	3/17/2021 4:07:00 AM	Benzo(a)pyrene	n/a	<	0.02	µg/L	EPA 525.2	0.02	0.1	WKL	
ME-VR2	2020/21-3	Wet	3/10/2021 11:00:00 AM	3/27/2021 2:30:00 AM	Benzo(b)fluoranthene	n/a	<	0.027	µg/L	EPA 8270C	0.027	0.1	WKL	
ME-VR2	2020/21-3	Wet	3/10/2021 11:00:00 AM	4/2/2021 12:21:00 AM	Benzo(b)fluoranthene	n/a	<	0.46	µg/L	EPA 625.1	0.46	1	WKL	
ME-VR2	2020/21-3	Wet	3/10/2021 11:00:00 AM	4/2/2021 12:21:00 AM	Benzo(g,h,i)perylene	n/a	<	0.42	µg/L	EPA 625.1	0.42	2	WKL	
ME-VR2	2020/21-3	Wet	3/10/2021 11:00:00 AM	3/27/2021 2:30:00 AM	Benzo(g,h,i)perylene	n/a	<	0.05	µg/L	EPA 8270C	0.05	0.1	WKL	
ME-VR2	2020/21-3	Wet	3/10/2021 11:00:00 AM	4/2/2021 12:21:00 AM	Benzo(k)fluoranthene	n/a	<	0.22	µg/L	EPA 625.1	0.22	1	WKL	
ME-VR2	2020/21-3	Wet	3/10/2021 11:00:00 AM	3/27/2021 2:30:00 AM	Benzo(k)fluoranthene	n/a	<	0.026	µg/L	EPA 8270C	0.026	0.1	WKL	
ME-VR2	2020/21-3	Wet	3/10/2021 11:00:00 AM	4/2/2021 12:21:00 AM	Bis(2-chloroethoxy)methane	n/a	<	0.25	µg/L	EPA 625.1	0.25	1	WKL	
ME-VR2	2020/21-3	Wet	3/10/2021 11:00:00 AM	4/2/2021 12:21:00 AM	Bis(2-chloroethyl)ether	n/a	<	0.27	µg/L	EPA 625.1	0.27	1	WKL	
ME-VR2	2020/21-3	Wet	3/10/2021 11:00:00 AM	4/2/2021 12:21:00 AM	Bis(2-chloroisopropyl)ether	n/a	<	0.38	µg/L	EPA 625.1	0.38	1	WKL	
ME-VR2	2020/21-3	Wet	3/10/2021 11:00:00 AM	3/17/2021 4:07:00 AM	Bis(2-ethylhexyl)adipate	n/a	DNQ	0.62	µg/L	EPA 525.2	0.12	5	WKL	HB-LCSR
ME-VR2	2020/21-3	Wet	3/10/2021 11:00:00 AM	4/2/2021 12:21:00 AM	Bis(2-ethylhexyl)phthalate	n/a	<	2.3	µg/L	EPA 625.1	2.3	5	WKL	
ME-VR2	2020/21-3	Wet	3/10/2021 11:00:00 AM	3/17/2021 4:07:00 AM	Bis(2-ethylhexyl)phthalate	n/a	DNQ	0.51	µg/L	EPA 525.2	0.41	3	WKL	UL-MB
ME-VR2	2020/21-3	Wet	3/10/2021 11:00:00 AM	4/2/2021 12:21:00 AM	Butyl benzyl phthalate	n/a	<	0.18	µg/L	EPA 625.1	0.18	1	WKL	
ME-VR2	2020/21-3	Wet	3/10/2021 11:00:00 AM	4/2/2021 12:21:00 AM	Chrysene	n/a	<	0.19	µg/L	EPA 625.1	0.19	1	WKL	
ME-VR2	2020/21-3	Wet	3/10/2021 11:00:00 AM	3/27/2021 2:30:00 AM	Chrysene	n/a	<	0.032	µg/L	EPA 8270C	0.032	0.1	WKL	
ME-VR2	2020/21-3	Wet	3/10/2021 11:00:00 AM	4/2/2021 12:21:00 AM	Dibenz(a,h)anthracene	n/a	<	0.53	µg/L	EPA 625.1	0.53	2	WKL	
ME-VR2	2020/21-3	Wet	3/10/2021 11:00:00 AM	3/27/2021 2:30:00 AM	Dibenz(a,h)anthracene	n/a	<	0.096	µg/L	EPA 8270C	0.096	0.1	WKL	
ME-VR2	2020/21-3	Wet	3/10/2021 11:00:00 AM	4/2/2021 12:21:00 AM	Diethyl phthalate	n/a	DNQ	0.48	µg/L	EPA 625.1	0.15	1	WKL	
ME-VR2	2020/21-3	Wet	3/10/2021 11:00:00 AM	4/2/2021 12:21:00 AM	Dimethyl phthalate	n/a	<	0.18	µg/L	EPA 625.1	0.18	1	WKL	
ME-VR2	2020/21-3	Wet	3/10/2021 11:00:00 AM	4/2/2021 12:21:00 AM	Di-n-butylphthalate	n/a	<	0.1	µg/L	EPA 625.1	0.1	1	WKL	
ME-VR2	2020/21-3	Wet	3/10/2021 11:00:00 AM	4/2/2021 12:21:00 AM	Di-n-octylphthalate	n/a	<	0.46	µg/L	EPA 625.1	0.46	1	WKL	
ME-VR2	2020/21-3	Wet	3/10/2021 11:00:00 AM	4/2/2021 12:21:00 AM	Fluoranthene	n/a	<	0.08	µg/L	EPA 625.1	0.08	1	WKL	
ME-VR2	2020/21-3	Wet	3/10/2021 11:00:00 AM	3/27/2021 2:30:00 AM	Fluoranthene	n/a	<	0.039	µg/L	EPA 8270C	0.039	0.1	WKL	
ME-VR2	2020/21-3	Wet	3/10/2021 11:00:00 AM	3/27/2021 2:30:00 AM	Fluorene	n/a	<	0.029	µg/L	EPA 8270C	0.029	0.1	WKL	
ME-VR2	2020/21-3	Wet	3/10/2021 11:00:00 AM	4/2/2021 12:21:00 AM	Fluorene	n/a	<	0.35	µg/L	EPA 625.1	0.35	1	WKL	
ME-VR2	2020/21-3	Wet	3/10/2021 11:00:00 AM	4/2/2021 12:21:00 AM	Hexachlorobenzene	n/a	<	0.49	µg/L	EPA 625.1	0.49	1	WKL	
ME-VR2	2020/21-3	Wet	3/10/2021 11:00:00 AM	4/2/2021 12:21:00 AM	Hexachlorobutadiene	n/a	<	0.47	µg/L	EPA 625.1	0.47	1	WKL	
ME-VR2	2020/21-3	Wet	3/10/2021 11:00:00 AM	4/2/2021 12:21:00 AM	Hexachlorocyclopentadiene	n/a	<	0.98	µg/L	EPA 625.1	0.98	5	WKL	
ME-VR2	2020/21-3	Wet	3/10/2021 11:00:00 AM	4/2/2021 12:21:00 AM	Hexachloroethane	n/a	<	0.5	µg/L	EPA 625.1	0.5	1	WKL	
ME-VR2	2020/21-3	Wet	3/10/2021 11:00:00 AM	4/2/2021 12:21:00 AM	Indeno(1,2,3-cd)pyrene	n/a	<	0.55	µg/L	EPA 625.1	0.55	2	WKL	
ME-VR2	2020/21-3	Wet	3/10/2021 11:00:00 AM	3/27/2021 2:30:00 AM	Indeno(1,2,3-cd)pyrene	n/a	<	0.065	µg/L	EPA 8270C	0.065	0.1	WKL	
ME-VR2	2020/21-3	Wet	3/10/2021 11:00:00 AM	4/2/2021 12:21:00 AM	Isophorone	n/a	<	0.21	µg/L	EPA 625.1	0.21	1	WKL	
ME-VR2	2020/21-3	Wet	3/10/2021 11:00:00 AM	3/27/2021 2:30:00 AM	Naphthalene	n/a	<	0.026	µg/L	EPA 8270C	0.026	0.1	WKL	
ME-VR2	2020/21-3	Wet	3/10/2021 11:00:00 AM	4/2/2021 12:21:00 AM	Naphthalene	n/a	<	0.49	µg/L	EPA 625.1	0.49	1	WKL	
ME-VR2	2020/21-3	Wet	3/10/2021 11:00:00 AM	4/2/2021 12:21:00 AM	Nitrobenzene	n/a	<	0.36	µg/L	EPA 625.1	0.36	1	WKL	
ME-VR2	2020/21-3	Wet	3/10/2021 11:00:00 AM	4/2/2021 12:21:00 AM	N-Nitrosodimethylamine	n/a	<	0.5	µg/L	EPA 625.1	0.5	1	WKL	
ME-VR2	2020/21-3	Wet	3/10/2021 11:00:00 AM	4/2/2021 12:21:00 AM	N-Nitrosodi-N-propylamine	n/a	<	0.26	µg/L	EPA 625.1	0.26	1	WKL	
ME-VR2	2020/21-3	Wet	3/10/2021 11:00:00 AM	4/2/2021 12:21:00 AM	N-Nitrosodiphenylamine	n/a	<	0.19	µg/L	EPA 625.1	0.19	1	WKL	
ME-VR2	2020/21-3	Wet	3/10/2021 11:00:00 AM	4/2/2021 12:21:00 AM	Phenanthrene	n/a	<	0.32	µg/L	EPA 625.1	0.32	1	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
ME-VR2	2020/21-3	Wet	3/10/2021 11:00:00 AM	3/27/2021 2:30:00 AM	Phenanthrene	n/a	<	0.029	µg/L	EPA 8270C	0.029	0.1	WKL	
ME-VR2	2020/21-3	Wet	3/10/2021 11:00:00 AM	4/2/2021 12:21:00 AM	Phenol	n/a	<	0.16	µg/L	EPA 625.1	0.16	1	WKL	
ME-VR2	2020/21-3	Wet	3/10/2021 11:00:00 AM	3/26/2021 1:22:00 AM	Phenol	n/a	<	0.35	µg/L	EPA 8270C	0.35	1	WKL	
ME-VR2	2020/21-3	Wet	3/10/2021 11:00:00 AM	4/2/2021 12:21:00 AM	Pyrene	n/a	<	0.25	µg/L	EPA 625.1	0.25	1	WKL	
ME-VR2	2020/21-3	Wet	3/10/2021 11:00:00 AM	3/27/2021 2:30:00 AM	Pyrene	n/a	<	0.04	µg/L	EPA 8270C	0.04	0.1	WKL	
ME-VR2	2020/21-3	Wet	3/10/2021 11:00:00 AM	4/2/2021 11:01:00 PM	PCB Aroclor 1016	n/a	<	1	µg/L	EPA 608.3	1	1	WKL	
ME-VR2	2020/21-3	Wet	3/10/2021 11:00:00 AM	4/2/2021 11:01:00 PM	PCB Aroclor 1221	n/a	<	1	µg/L	EPA 608.3	1	1	WKL	
ME-VR2	2020/21-3	Wet	3/10/2021 11:00:00 AM	4/2/2021 11:01:00 PM	PCB Aroclor 1232	n/a	<	1	µg/L	EPA 608.3	1	1	WKL	
ME-VR2	2020/21-3	Wet	3/10/2021 11:00:00 AM	4/2/2021 11:01:00 PM	PCB Aroclor 1242	n/a	<	1	µg/L	EPA 608.3	1	1	WKL	
ME-VR2	2020/21-3	Wet	3/10/2021 11:00:00 AM	4/2/2021 11:01:00 PM	PCB Aroclor 1248	n/a	<	1	µg/L	EPA 608.3	1	1	WKL	
ME-VR2	2020/21-3	Wet	3/10/2021 11:00:00 AM	4/2/2021 11:01:00 PM	PCB Aroclor 1254	n/a	<	1	µg/L	EPA 608.3	1	1	WKL	
ME-VR2	2020/21-3	Wet	3/10/2021 11:00:00 AM	4/2/2021 11:01:00 PM	PCB Aroclor 1260	n/a	<	1	µg/L	EPA 608.3	1	1	WKL	
ME-VR2	2020/21-3	Wet	3/10/2021 11:00:00 AM	3/27/2021 6:46:00 PM	2,4,5-T	n/a	<	0.055	µg/L	EPA 515.4	0.055	0.2	WKL	
ME-VR2	2020/21-3	Wet	3/10/2021 11:00:00 AM	3/27/2021 6:46:00 PM	2,4,5-TP	n/a	<	0.046	µg/L	EPA 515.4	0.046	0.2	WKL	
ME-VR2	2020/21-3	Wet	3/10/2021 11:00:00 AM	3/27/2021 6:46:00 PM	2,4-D	n/a	<	0.14	µg/L	EPA 515.4	0.14	0.4	WKL	
ME-VR2	2020/21-3	Wet	3/10/2021 11:00:00 AM	3/27/2021 6:46:00 PM	2,4-DB	n/a	<	0.19	µg/L	EPA 515.4	0.19	2	WKL	
ME-VR2	2020/21-3	Wet	3/10/2021 11:00:00 AM	3/27/2021 6:46:00 PM	3,5-Dichlorobenzoic acid	n/a	<	0.12	µg/L	EPA 515.4	0.12	1	WKL	
ME-VR2	2020/21-3	Wet	3/10/2021 11:00:00 AM	4/2/2021 11:01:00 AM	4,4'-DDD	n/a	<	0.0014	µg/L	EPA 608.3	0.0014	0.1	WKL	
ME-VR2	2020/21-3	Wet	3/10/2021 11:00:00 AM	4/2/2021 11:01:00 PM	4,4'-DDE	n/a	<	0.0014	µg/L	EPA 608.3	0.0014	0.1	WKL	
ME-VR2	2020/21-3	Wet	3/10/2021 11:00:00 AM	4/2/2021 11:01:00 PM	4,4'-DDT	n/a	<	0.0022	µg/L	EPA 608.3	0.0022	0.02	WKL	
ME-VR2	2020/21-3	Wet	3/10/2021 11:00:00 AM	3/27/2021 6:46:00 PM	Acifluorfen	n/a	<	0.072	µg/L	EPA 515.4	0.072	0.4	WKL	
ME-VR2	2020/21-3	Wet	3/10/2021 11:00:00 AM	3/17/2021 4:07:00 AM	Alachlor	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1	WKL	
ME-VR2	2020/21-3	Wet	3/10/2021 11:00:00 AM	4/2/2021 11:01:00 PM	Aldrin	n/a	<	0.002	µg/L	EPA 608.3	0.002	0.01	WKL	
ME-VR2	2020/21-3	Wet	3/10/2021 11:00:00 AM	4/2/2021 11:01:00 PM	alpha-BHC	n/a	<	0.0022	µg/L	EPA 608.3	0.0022	0.02	WKL	
ME-VR2	2020/21-3	Wet	3/10/2021 11:00:00 AM	4/2/2021 11:01:00 PM	alpha-Chlordane	n/a	<	0.0058	µg/L	EPA 608.3	0.0058	0.02	WKL	
ME-VR2	2020/21-3	Wet	3/10/2021 11:00:00 AM	3/17/2021 4:07:00 AM	Atrazine	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1	WKL	
ME-VR2	2020/21-3	Wet	3/10/2021 11:00:00 AM	3/18/2021 12:47:00 AM	Azinphos methyl	n/a	<	0.0055	µg/L	EPA 625.1m	0.0055	0.01	WKL	
ME-VR2	2020/21-3	Wet	3/10/2021 11:00:00 AM	3/27/2021 6:46:00 PM	Bentazon	n/a	<	0.23	µg/L	EPA 515.4	0.23	2	WKL	
ME-VR2	2020/21-3	Wet	3/10/2021 11:00:00 AM	4/2/2021 11:01:00 PM	beta-BHC	n/a	<	0.003	µg/L	EPA 608.3	0.003	0.01	WKL	
ME-VR2	2020/21-3	Wet	3/10/2021 11:00:00 AM	3/18/2021 12:47:00 AM	Bolstar	n/a	<	0.0046	µg/L	EPA 625.1m	0.0046	0.01	WKL	
ME-VR2	2020/21-3	Wet	3/10/2021 11:00:00 AM	3/17/2021 4:07:00 AM	Bromacil	n/a	DNQ	0.35	µg/L	EPA 525.2	0.16	0.5	WKL	
ME-VR2	2020/21-3	Wet	3/10/2021 11:00:00 AM	3/17/2021 4:07:00 AM	Butachlor	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1	WKL	
ME-VR2	2020/21-3	Wet	3/10/2021 11:00:00 AM	3/17/2021 4:07:00 AM	Captan	n/a	<	0.16	µg/L	EPA 525.2	0.16	1	WKL	
ME-VR2	2020/21-3	Wet	3/10/2021 11:00:00 AM	4/2/2021 11:01:00 PM	Chlordane (technical)	n/a	<	0.086	µg/L	EPA 608.3	0.086	0.2	WKL	
ME-VR2	2020/21-3	Wet	3/10/2021 11:00:00 AM	3/17/2021 4:07:00 AM	Chlorpropham	n/a	<	0.04	µg/L	EPA 525.2	0.04	0.1	WKL	
ME-VR2	2020/21-3	Wet	3/10/2021 11:00:00 AM	3/18/2021 12:47:00 AM	Chlorpyrifos	n/a	<	0.0069	µg/L	EPA 625.1m	0.0069	0.01	WKL	
ME-VR2	2020/21-3	Wet	3/10/2021 11:00:00 AM	3/18/2021 12:47:00 AM	Coumaphos	n/a	<	0.0051	µg/L	EPA 625.1m	0.0051	0.01	WKL	
ME-VR2	2020/21-3	Wet	3/10/2021 11:00:00 AM	3/17/2021 4:07:00 AM	Cyanazine	n/a	<	0.04	µg/L	EPA 525.2	0.04	0.1	WKL	
ME-VR2	2020/21-3	Wet	3/10/2021 11:00:00 AM	3/27/2021 6:46:00 PM	Dalapon	n/a	<	0.11	µg/L	EPA 515.4	0.11	0.4	WKL	
ME-VR2	2020/21-3	Wet	3/10/2021 11:00:00 AM	3/27/2021 6:46:00 PM	DCPA (Dacthal)	n/a	<	0.053	µg/L	EPA 515.4	0.053	0.1	WKL	
ME-VR2	2020/21-3	Wet	3/10/2021 11:00:00 AM	4/2/2021 11:01:00 PM	delta-BHC	n/a	<	0.0038	µg/L	EPA 608.3	0.0038	0.01	WKL	
ME-VR2	2020/21-3	Wet	3/10/2021 11:00:00 AM	3/18/2021 12:47:00 AM	Demeton-O	n/a	<	0.01	µg/L	EPA 625.1m	0.01	0.01	WKL	
ME-VR2	2020/21-3	Wet	3/10/2021 11:00:00 AM	3/18/2021 12:47:00 AM	Demeton-S	n/a	<	0.01	µg/L	EPA 625.1m	0.01	0.01	WKL	
ME-VR2	2020/21-3	Wet	3/10/2021 11:00:00 AM	3/18/2021 12:47:00 AM	Diazinon	n/a	<	0.0052	µg/L	EPA 625.1m	0.0052	0.01	WKL	
ME-VR2	2020/21-3	Wet	3/10/2021 11:00:00 AM	3/17/2021 4:07:00 AM	Diazinon	n/a	<	0.05	µg/L	EPA 525.2	0.05	0.1	WKL	
ME-VR2	2020/21-3	Wet	3/10/2021 11:00:00 AM	3/27/2021 6:46:00 PM	Dicamba	n/a	<	0.075	µg/L	EPA 515.4	0.075	0.6	WKL	
ME-VR2	2020/21-3	Wet	3/10/2021 11:00:00 AM	3/27/2021 6:46:00 PM	Dichlorprop	n/a	<	0.12	µg/L	EPA 515.4	0.12	0.3	WKL	
ME-VR2	2020/21-3	Wet	3/10/2021 11:00:00 AM	3/18/2021 12:47:00 AM	Dichlorvos	n/a	<	0.0029	µg/L	EPA 625.1m	0.0029	0.01	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
ME-VR2	2020/21-3	Wet	3/10/2021 11:00:00 AM	4/2/2021 11:01:00 PM	Dieldrin	n/a	<	0.0016	µg/L	EPA 608.3	0.0016	0.02	WKL	
ME-VR2	2020/21-3	Wet	3/10/2021 11:00:00 AM	3/18/2021 12:47:00 AM	Dimethoate	n/a	<	0.0062	µg/L	EPA 625.1m	0.0062	0.01	WKL	
ME-VR2	2020/21-3	Wet	3/10/2021 11:00:00 AM	3/17/2021 4:07:00 AM	Dimethoate	n/a	<	0.02	µg/L	EPA 525.2	0.02	0.2	WKL	
ME-VR2	2020/21-3	Wet	3/10/2021 11:00:00 AM	3/27/2021 6:46:00 PM	Dinoseb	n/a	<	0.055	µg/L	EPA 515.4	0.055	0.4	WKL	
ME-VR2	2020/21-3	Wet	3/10/2021 11:00:00 AM	3/17/2021 4:07:00 AM	Diphenamid	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1	WKL	
ME-VR2	2020/21-3	Wet	3/10/2021 11:00:00 AM	3/17/2021 4:07:00 AM	Disulfoton	n/a	<	0.04	µg/L	EPA 525.2	0.04	0.1	WKL	
ME-VR2	2020/21-3	Wet	3/10/2021 11:00:00 AM	3/18/2021 12:47:00 AM	Disulfoton	n/a	<	0.01	µg/L	EPA 625.1m	0.01	0.01	WKL	
ME-VR2	2020/21-3	Wet	3/10/2021 11:00:00 AM	4/2/2021 11:01:00 PM	Endosulfan I	n/a	<	0.0018	µg/L	EPA 608.3	0.0018	0.04	WKL	
ME-VR2	2020/21-3	Wet	3/10/2021 11:00:00 AM	4/2/2021 11:01:00 PM	Endosulfan II	n/a	<	0.0014	µg/L	EPA 608.3	0.0014	0.02	WKL	
ME-VR2	2020/21-3	Wet	3/10/2021 11:00:00 AM	4/2/2021 11:01:00 PM	Endosulfan sulfate	n/a	<	0.0026	µg/L	EPA 608.3	0.0026	0.1	WKL	
ME-VR2	2020/21-3	Wet	3/10/2021 11:00:00 AM	4/2/2021 11:01:00 PM	Endrin	n/a	<	0.0034	µg/L	EPA 608.3	0.0034	0.02	WKL	
ME-VR2	2020/21-3	Wet	3/10/2021 11:00:00 AM	4/2/2021 11:01:00 PM	Endrin aldehyde	n/a	<	0.0038	µg/L	EPA 608.3	0.0038	0.02	WKL	
ME-VR2	2020/21-3	Wet	3/10/2021 11:00:00 AM	3/17/2021 4:07:00 AM	EPTC	n/a	<	0.02	µg/L	EPA 525.2	0.02	0.1	WKL	
ME-VR2	2020/21-3	Wet	3/10/2021 11:00:00 AM	3/18/2021 12:47:00 AM	Ethoprop	n/a	<	0.0067	µg/L	EPA 625.1m	0.0067	0.01	WKL	
ME-VR2	2020/21-3	Wet	3/10/2021 11:00:00 AM	3/18/2021 12:47:00 AM	Ethyl parathion	n/a	<	0.0054	µg/L	EPA 625.1m	0.0054	0.01	WKL	
ME-VR2	2020/21-3	Wet	3/10/2021 11:00:00 AM	3/18/2021 12:47:00 AM	Fensulfthion	n/a	<	0.0029	µg/L	EPA 625.1m	0.0029	0.01	WKL	
ME-VR2	2020/21-3	Wet	3/10/2021 11:00:00 AM	3/18/2021 12:47:00 AM	Fenthion	n/a	<	0.0038	µg/L	EPA 625.1m	0.0038	0.01	WKL	
ME-VR2	2020/21-3	Wet	3/10/2021 11:00:00 AM	4/2/2021 11:01:00 PM	gamma-BHC (Lindane)	n/a	<	0.0008	µg/L	EPA 608.3	0.0008	0.04	WKL	
ME-VR2	2020/21-3	Wet	3/10/2021 11:00:00 AM	4/2/2021 11:01:00 PM	gamma-Chlordane	n/a	<	0.0046	µg/L	EPA 608.3	0.0046	0.02	WKL	
ME-VR2	2020/21-3	Wet	3/10/2021 11:00:00 AM	3/18/2021 2:43:00 AM	Glyphosate	n/a	<	1.8	µg/L	EPA 547	1.8	5	WKL	
ME-VR2	2020/21-3	Wet	3/10/2021 11:00:00 AM	4/2/2021 11:01:00 PM	Heptachlor	n/a	<	0.0012	µg/L	EPA 608.3	0.0012	0.02	WKL	
ME-VR2	2020/21-3	Wet	3/10/2021 11:00:00 AM	4/2/2021 11:01:00 PM	Heptachlor epoxide	n/a	<	0.0008	µg/L	EPA 608.3	0.0008	0.02	WKL	
ME-VR2	2020/21-3	Wet	3/10/2021 11:00:00 AM	3/18/2021 12:47:00 AM	Malathion	n/a	<	0.0076	µg/L	EPA 625.1m	0.0076	0.01	WKL	
ME-VR2	2020/21-3	Wet	3/10/2021 11:00:00 AM	3/18/2021 12:47:00 AM	Merphos	n/a	<	0.0058	µg/L	EPA 625.1m	0.0058	0.01	WKL	
ME-VR2	2020/21-3	Wet	3/10/2021 11:00:00 AM	3/18/2021 12:47:00 AM	Methyl parathion	n/a	<	0.0063	µg/L	EPA 625.1m	0.0063	0.01	WKL	
ME-VR2	2020/21-3	Wet	3/10/2021 11:00:00 AM	3/17/2021 4:07:00 AM	Metolachlor	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1	WKL	
ME-VR2	2020/21-3	Wet	3/10/2021 11:00:00 AM	3/17/2021 4:07:00 AM	Metribuzin	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1	WKL	
ME-VR2	2020/21-3	Wet	3/10/2021 11:00:00 AM	3/18/2021 12:47:00 AM	Mevinphos	n/a	<	0.0042	µg/L	EPA 625.1m	0.0042	0.01	WKL	
ME-VR2	2020/21-3	Wet	3/10/2021 11:00:00 AM	3/17/2021 4:07:00 AM	Molinate	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1	WKL	
ME-VR2	2020/21-3	Wet	3/10/2021 11:00:00 AM	3/18/2021 12:47:00 AM	Naled	n/a	<	0.0076	µg/L	EPA 625.1m	0.0076	0.01	WKL	
ME-VR2	2020/21-3	Wet	3/10/2021 11:00:00 AM	3/26/2021 1:22:00 AM	Pentachlorophenol	n/a	<	0.15	µg/L	EPA 8270C	0.15	1	WKL	
ME-VR2	2020/21-3	Wet	3/10/2021 11:00:00 AM	3/27/2021 6:46:00 PM	Pentachlorophenol	n/a	<	0.046	µg/L	EPA 515.4	0.046	0.2	WKL	
ME-VR2	2020/21-3	Wet	3/10/2021 11:00:00 AM	4/2/2021 12:21:00 AM	Pentachlorophenol	n/a	<	0.4	µg/L	EPA 625.1	0.4	1	WKL	
ME-VR2	2020/21-3	Wet	3/10/2021 11:00:00 AM	3/18/2021 12:47:00 AM	Phorate	n/a	<	0.003	µg/L	EPA 625.1m	0.003	0.01	WKL	
ME-VR2	2020/21-3	Wet	3/10/2021 11:00:00 AM	3/27/2021 6:46:00 PM	Picloram	n/a	<	0.038	µg/L	EPA 515.4	0.038	0.6	WKL	
ME-VR2	2020/21-3	Wet	3/10/2021 11:00:00 AM	3/17/2021 4:07:00 AM	Prometon	n/a	<	0.01	µg/L	EPA 525.2	0.01	0.1	WKL	
ME-VR2	2020/21-3	Wet	3/10/2021 11:00:00 AM	3/17/2021 4:07:00 AM	Prometryn	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1	WKL	
ME-VR2	2020/21-3	Wet	3/10/2021 11:00:00 AM	3/18/2021 12:47:00 AM	Ronnel (Fenchlorphos)	n/a	<	0.0041	µg/L	EPA 625.1m	0.0041	0.01	WKL	
ME-VR2	2020/21-3	Wet	3/10/2021 11:00:00 AM	3/17/2021 4:07:00 AM	Simazine	n/a	<	0.02	µg/L	EPA 525.2	0.02	0.1	WKL	
ME-VR2	2020/21-3	Wet	3/10/2021 11:00:00 AM	3/18/2021 12:47:00 AM	Stirophos (Tetrachlorvinphos)	n/a	<	0.0031	µg/L	EPA 625.1m	0.0031	0.01	WKL	
ME-VR2	2020/21-3	Wet	3/10/2021 11:00:00 AM	3/17/2021 4:07:00 AM	Terbacil	n/a	<	0.09	µg/L	EPA 525.2	0.09	2	WKL	
ME-VR2	2020/21-3	Wet	3/10/2021 11:00:00 AM	3/17/2021 4:07:00 AM	Thiobencarb	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1	WKL	
ME-VR2	2020/21-3	Wet	3/10/2021 11:00:00 AM	3/18/2021 12:47:00 AM	Tokuthion	n/a	<	0.0078	µg/L	EPA 625.1m	0.0078	0.01	WKL	
ME-VR2	2020/21-3	Wet	3/10/2021 11:00:00 AM	4/2/2021 11:01:00 PM	Toxaphene	n/a	<	0.5	µg/L	EPA 608.3	0.5	1	WKL	
ME-VR2	2020/21-3	Wet	3/10/2021 11:00:00 AM	3/18/2021 12:47:00 AM	Trichloronate	n/a	<	0.0067	µg/L	EPA 625.1m	0.0067	0.01	WKL	
ME-VR2	2020/21-3	Wet	3/10/2021 11:00:00 AM	3/17/2021 4:07:00 AM	Trithion	n/a	<	0.02	µg/L	EPA 525.2	0.02	0.1	WKL	
ME-VR2	2020/21-4	Dry	5/12/2021 9:00:00 AM	5/14/2021 1:28:00 AM	Chloride	n/a	=	53	mg/L	EPA 300.0	0.17	1	WKL	
ME-VR2	2020/21-4	Dry	5/12/2021 9:00:00 AM	5/14/2021 1:28:00 AM	Fluoride	n/a	=	0.31	mg/L	EPA 300.0	0.018	0.2	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
ME-VR2	2020/21-4	Dry	5/12/2021 9:00:00 AM	5/14/2021 8:35:00 PM	Perchlorate	n/a	<	0.84	µg/L	EPA 314.0	0.84	2	WKL	
ME-VR2	2020/21-4	Dry	5/12/2021 9:00:00 AM	5/13/2021 9:55:00 AM	E. Coli	n/a	=	52	MPN/100 mL	SM 9223 B	-88	10	WKL	
ME-VR2	2020/21-4	Dry	5/12/2021 9:00:00 AM	5/13/2021 9:55:00 AM	Total Coliform	n/a	=	3100	MPN/100 mL	SM 9223 B	-88	10	WKL	
ME-VR2	2020/21-4	Dry	5/12/2021 9:00:00 AM	5/19/2021 4:21:00 PM	Calcium	Total	=	126	mg/L	EPA 200.7	0.16	0.5	WKL	
ME-VR2	2020/21-4	Dry	5/12/2021 9:00:00 AM	5/19/2021 4:21:00 PM	Magnesium	Total	=	34	mg/L	EPA 200.7	0.039	0.5	WKL	
ME-VR2	2020/21-4	Dry	5/12/2021 9:00:00 AM	5/18/2021 11:28:00 AM	Alkalinity as CaCO3	n/a	=	240	mg/L	SM 2320 B	0.56	5	WKL	
ME-VR2	2020/21-4	Dry	5/12/2021 9:00:00 AM	5/18/2021 3:42:00 PM	BOD	n/a	<	2	mg/L	SM 5210 B	2	2	WKL	
ME-VR2	2020/21-4	Dry	5/12/2021 9:00:00 AM	5/21/2021 11:45:00 AM	COD	n/a	<	2.9	mg/L	EPA 410.4	2.9	5	WKL	
ME-VR2	2020/21-4	Dry	5/12/2021 9:00:00 AM	5/12/2021 9:00:00 AM	Conductivity	n/a	=	902	µmhos/cm	Field Meter	-88	1	Field Crew	
ME-VR2	2020/21-4	Dry	5/12/2021 9:00:00 AM	5/19/2021 1:51:00 PM	Cyanide	Total	<	0.0003	mg/L	ASTM D7511	0.0003	0.002	WKL	
ME-VR2	2020/21-4	Dry	5/12/2021 9:00:00 AM	5/12/2021 9:00:00 AM	DO	n/a	=	7.61	mg/L	Field Meter	-88	0.3	Field Crew	
ME-VR2	2020/21-4	Dry	5/12/2021 9:00:00 AM	5/12/2021 9:00:00 AM	DO	n/a	=	79.8	%	Field Meter	-88	0.1	Field Crew	
ME-VR2	2020/21-4	Dry	5/12/2021 9:00:00 AM	5/19/2021 4:21:00 PM	Hardness as CaCO3	Total	=	454	mg/L	EPA 200.7	0.56	3.31	WKL	
ME-VR2	2020/21-4	Dry	5/12/2021 9:00:00 AM	5/13/2021 7:04:00 PM	MBAS	n/a	DNQ	0.019	mg/L	SM 5540 C	0.017	0.05	WKL	
ME-VR2	2020/21-4	Dry	5/12/2021 9:00:00 AM	5/12/2021 9:00:00 AM	pH	n/a	=	7.78	pH Units	Field Meter	-88	0.01	Field Crew	
ME-VR2	2020/21-4	Dry	5/12/2021 9:00:00 AM	5/18/2021 2:54:00 PM	Phenolics	n/a	DNQ	0.0035	mg/L	EPA 420.4	0.0032	0.01	WKL	
ME-VR2	2020/21-4	Dry	5/12/2021 9:00:00 AM	5/12/2021 9:00:00 AM	Salinity	n/a	=	500	mg/L	Field Meter	-88	100	Field Crew	
ME-VR2	2020/21-4	Dry	5/12/2021 9:00:00 AM	5/12/2021 9:00:00 AM	Specific Conductance	n/a	=	1056	µmhos/cm	Field Meter	-88	1	Field Crew	
ME-VR2	2020/21-4	Dry	5/12/2021 9:00:00 AM	5/19/2021 11:29:00 AM	Specific Conductance	n/a	=	1100	µmhos/cm	SM 2510 B	0.23	2	WKL	
ME-VR2	2020/21-4	Dry	5/12/2021 9:00:00 AM	5/12/2021 9:00:00 AM	Temperature	n/a	=	17.4	°C	Field Meter	-88	0.1	Field Crew	
ME-VR2	2020/21-4	Dry	5/12/2021 9:00:00 AM	5/17/2021 6:30:00 PM	Total Dissolved Solids	n/a	=	760	mg/L	SM 2540 C	4	10	WKL	
ME-VR2	2020/21-4	Dry	5/12/2021 9:00:00 AM	5/19/2021 8:26:00 AM	Total Organic Carbon	n/a	=	1.8	mg/L	SM 5310 B	0.096	0.3	WKL	
ME-VR2	2020/21-4	Dry	5/12/2021 9:00:00 AM	5/18/2021 5:30:00 PM	Total Suspended Solids	n/a	DNQ	4	mg/L	SM 2540 D	-88	5	WKL	
ME-VR2	2020/21-4	Dry	5/12/2021 9:00:00 AM	5/13/2021 11:07:00 AM	Turbidity	n/a	=	0.55	NTU	EPA 180.1	0.017	0.1	WKL	
ME-VR2	2020/21-4	Dry	5/12/2021 9:00:00 AM	5/18/2021 5:30:00 PM	Volatile Suspended Solids	n/a	<	3.1	mg/L	EPA 160.4	3.1	5	WKL	
ME-VR2	2020/21-4	Dry	5/12/2021 9:00:00 AM	5/27/2021 6:35:00 PM	Diesel Range Organics	n/a	DNQ	0.081	mg/L	EPA 8015B	0.032	0.1	WKL	UL-MB
ME-VR2	2020/21-4	Dry	5/12/2021 9:00:00 AM	5/19/2021 10:16:00 AM	Gasoline Range Organics	n/a	<	0.065	mg/L	LUFT GC/MS	0.065	0.1	WKL	
ME-VR2	2020/21-4	Dry	5/12/2021 9:00:00 AM	5/13/2021 5:22:00 PM	Oil and Grease	n/a	<	0.7	mg/L	EPA 1664B	0.7	5	WKL	
ME-VR2	2020/21-4	Dry	5/12/2021 9:00:00 AM	5/27/2021 6:35:00 PM	Oil Range Organics	n/a	<	0.33	mg/L	EPA 8015B	0.33	0.5	WKL	
ME-VR2	2020/21-4	Dry	5/12/2021 9:00:00 AM	5/20/2021 3:22:00 PM	Aluminum	Dissolved	<	4.4	µg/L	EPA 200.8	4.4	20	WKL	
ME-VR2	2020/21-4	Dry	5/12/2021 9:00:00 AM	5/20/2021 3:25:00 PM	Aluminum	Total	DNQ	13	µg/L	EPA 200.8	4.4	20	WKL	
ME-VR2	2020/21-4	Dry	5/12/2021 9:00:00 AM	5/20/2021 3:22:00 PM	Antimony	Dissolved	<	0.089	µg/L	EPA 200.8	0.089	0.5	WKL	
ME-VR2	2020/21-4	Dry	5/12/2021 9:00:00 AM	5/20/2021 3:25:00 PM	Antimony	Total	<	0.089	µg/L	EPA 200.8	0.089	0.5	WKL	
ME-VR2	2020/21-4	Dry	5/12/2021 9:00:00 AM	5/20/2021 3:22:00 PM	Arsenic	Dissolved	DNQ	0.34	µg/L	EPA 200.8	0.074	0.4	WKL	
ME-VR2	2020/21-4	Dry	5/12/2021 9:00:00 AM	5/20/2021 3:25:00 PM	Arsenic	Total	DNQ	0.35	µg/L	EPA 200.8	0.074	0.4	WKL	
ME-VR2	2020/21-4	Dry	5/12/2021 9:00:00 AM	5/20/2021 3:25:00 PM	Barium	Total	=	37	µg/L	EPA 200.8	0.14	1	WKL	
ME-VR2	2020/21-4	Dry	5/12/2021 9:00:00 AM	5/20/2021 3:22:00 PM	Beryllium	Dissolved	<	0.062	µg/L	EPA 200.8	0.062	0.1	WKL	
ME-VR2	2020/21-4	Dry	5/12/2021 9:00:00 AM	5/20/2021 3:25:00 PM	Beryllium	Total	<	0.062	µg/L	EPA 200.8	0.062	0.1	WKL	
ME-VR2	2020/21-4	Dry	5/12/2021 9:00:00 AM	5/20/2021 3:22:00 PM	Cadmium	Dissolved	<	0.042	µg/L	EPA 200.8	0.042	0.2	WKL	
ME-VR2	2020/21-4	Dry	5/12/2021 9:00:00 AM	5/20/2021 3:25:00 PM	Cadmium	Total	<	0.042	µg/L	EPA 200.8	0.042	0.2	WKL	
ME-VR2	2020/21-4	Dry	5/12/2021 9:00:00 AM	5/20/2021 3:25:00 PM	Chromium	Dissolved	DNQ	0.13	µg/L	EPA 200.8	0.089	0.2	WKL	
ME-VR2	2020/21-4	Dry	5/12/2021 9:00:00 AM	5/20/2021 3:22:00 PM	Chromium	Total	DNQ	0.13	µg/L	EPA 200.8	0.089	0.2	WKL	
ME-VR2	2020/21-4	Dry	5/12/2021 9:00:00 AM	5/20/2021 12:23:00 PM	Chromium VI	n/a	=	0.096	µg/L	EPA 218.6	0.0079	0.02	WKL	
ME-VR2	2020/21-4	Dry	5/12/2021 9:00:00 AM	5/20/2021 3:22:00 PM	Copper	Dissolved	<	0.23	µg/L	EPA 200.8	0.23	0.5	WKL	
ME-VR2	2020/21-4	Dry	5/12/2021 9:00:00 AM	5/20/2021 3:22:00 PM	Copper	Total	<	0.23	µg/L	EPA 200.8	0.23	0.5	WKL	
ME-VR2	2020/21-4	Dry	5/12/2021 9:00:00 AM	5/20/2021 3:25:00 PM	Iron	Dissolved	=	33	µg/L	EPA 200.8	3.9	20	WKL	
ME-VR2	2020/21-4	Dry	5/12/2021 9:00:00 AM	5/20/2021 3:25:00 PM	Iron	Total	=	76	µg/L	EPA 200.8	3.9	20	WKL	
ME-VR2	2020/21-4	Dry	5/12/2021 9:00:00 AM	5/20/2021 3:22:00 PM	Lead	Dissolved	<	0.083	µg/L	EPA 200.8	0.083	0.2	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
ME-VR2	2020/21-4	Dry	5/12/2021 9:00:00 AM	5/20/2021 3:25:00 PM	Lead	Total	<	0.083	µg/L	EPA 200.8	0.083	0.2	WKL	
ME-VR2	2020/21-4	Dry	5/12/2021 9:00:00 AM	5/25/2021 3:11:00 PM	Mercury	Dissolved	<	17	ng/L	EPA 245.1	17	50	WKL	
ME-VR2	2020/21-4	Dry	5/12/2021 9:00:00 AM	5/25/2021 3:13:00 PM	Mercury	Total	<	17	ng/L	EPA 245.1	17	50	WKL	
ME-VR2	2020/21-4	Dry	5/12/2021 9:00:00 AM	5/20/2021 3:22:00 PM	Nickel	Dissolved	DNQ	0.6	µg/L	EPA 200.8	0.16	2	WKL	UL-MB
ME-VR2	2020/21-4	Dry	5/12/2021 9:00:00 AM	5/20/2021 3:25:00 PM	Nickel	Total	DNQ	0.61	µg/L	EPA 200.8	0.16	2	WKL	UL-MB
ME-VR2	2020/21-4	Dry	5/12/2021 9:00:00 AM	5/20/2021 3:22:00 PM	Selenium	Dissolved	=	0.88	µg/L	EPA 200.8	0.067	0.4	WKL	
ME-VR2	2020/21-4	Dry	5/12/2021 9:00:00 AM	5/20/2021 3:25:00 PM	Selenium	Total	=	0.9	µg/L	EPA 200.8	0.067	0.4	WKL	
ME-VR2	2020/21-4	Dry	5/12/2021 9:00:00 AM	5/20/2021 3:22:00 PM	Silver	Dissolved	DNQ	0.094	µg/L	EPA 200.8	0.03	0.2	WKL	
ME-VR2	2020/21-4	Dry	5/12/2021 9:00:00 AM	5/20/2021 3:25:00 PM	Silver	Total	DNQ	0.044	µg/L	EPA 200.8	0.03	0.2	WKL	
ME-VR2	2020/21-4	Dry	5/12/2021 9:00:00 AM	5/20/2021 3:22:00 PM	Thallium	Dissolved	<	0.021	µg/L	EPA 200.8	0.021	0.2	WKL	
ME-VR2	2020/21-4	Dry	5/12/2021 9:00:00 AM	5/20/2021 3:25:00 PM	Thallium	Total	<	0.021	µg/L	EPA 200.8	0.021	0.2	WKL	
ME-VR2	2020/21-4	Dry	5/12/2021 9:00:00 AM	5/20/2021 3:22:00 PM	Zinc	Dissolved	DNQ	0.99	µg/L	EPA 200.8	0.8	10	WKL	
ME-VR2	2020/21-4	Dry	5/12/2021 9:00:00 AM	5/20/2021 3:25:00 PM	Zinc	Total	<	0.8	µg/L	EPA 200.8	0.8	10	WKL	
ME-VR2	2020/21-4	Dry	5/12/2021 9:00:00 AM	5/18/2021 1:52:00 PM	Ammonia as N	n/a	<	0.047	mg/L	EPA 350.1	0.047	0.1	WKL	
ME-VR2	2020/21-4	Dry	5/12/2021 9:00:00 AM	5/13/2021 3:47:00 PM	Nitrate + Nitrite as N	n/a	=	0.39	mg/L	EPA 353.2	0.036	0.2	WKL	
ME-VR2	2020/21-4	Dry	5/12/2021 9:00:00 AM	5/19/2021 4:18:00 PM	Phosphorus as P	Dissolved	<	0.018	mg/L	EPA 200.7	0.018	0.05	WKL	
ME-VR2	2020/21-4	Dry	5/12/2021 9:00:00 AM	5/19/2021 4:21:00 PM	Phosphorus as P	Total	<	0.018	mg/L	EPA 200.7	0.018	0.05	WKL	
ME-VR2	2020/21-4	Dry	5/12/2021 9:00:00 AM	5/14/2021 4:16:00 PM	TKN	n/a	=	0.11	mg/L	EPA 351.2	0.065	0.1	WKL	
ME-VR2	2020/21-4	Dry	5/12/2021 9:00:00 AM	5/19/2021 1:18:00 AM	1,2,4-Trichlorobenzene	n/a	<	0.49	µg/L	EPA 625.1	0.49	1	WKL	
ME-VR2	2020/21-4	Dry	5/12/2021 9:00:00 AM	5/19/2021 1:18:00 AM	1,2-Dichlorobenzene	n/a	<	0.46	µg/L	EPA 625.1	0.46	1	WKL	
ME-VR2	2020/21-4	Dry	5/12/2021 9:00:00 AM	5/19/2021 1:18:00 AM	1,2-Diphenylhydrazine	n/a	<	0.3	µg/L	EPA 625.1	0.3	1	WKL	
ME-VR2	2020/21-4	Dry	5/12/2021 9:00:00 AM	5/19/2021 1:18:00 AM	1,3-Dichlorobenzene	n/a	<	0.42	µg/L	EPA 625.1	0.42	1	WKL	
ME-VR2	2020/21-4	Dry	5/12/2021 9:00:00 AM	5/19/2021 1:18:00 AM	1,4-Dichlorobenzene	n/a	<	0.48	µg/L	EPA 625.1	0.48	1	WKL	
ME-VR2	2020/21-4	Dry	5/12/2021 9:00:00 AM	6/3/2021 7:49:00 AM	1-Methylnaphthalene	n/a	<	0.024	µg/L	EPA 8270C	0.024	0.1	WKL	
ME-VR2	2020/21-4	Dry	5/12/2021 9:00:00 AM	5/25/2021 3:39:00 AM	2,4,5-Trichlorophenol	n/a	<	0.29	µg/L	EPA 8270C	0.29	1	WKL	
ME-VR2	2020/21-4	Dry	5/12/2021 9:00:00 AM	5/19/2021 1:18:00 AM	2,4,6-Trichlorophenol	n/a	<	0.22	µg/L	EPA 625.1	0.22	1	WKL	
ME-VR2	2020/21-4	Dry	5/12/2021 9:00:00 AM	5/25/2021 3:39:00 AM	2,4,6-Trichlorophenol	n/a	<	0.3	µg/L	EPA 8270C	0.3	1	WKL	
ME-VR2	2020/21-4	Dry	5/12/2021 9:00:00 AM	5/19/2021 1:18:00 AM	2,4-Dichlorophenol	n/a	<	0.26	µg/L	EPA 625.1	0.26	1	WKL	
ME-VR2	2020/21-4	Dry	5/12/2021 9:00:00 AM	5/25/2021 3:39:00 AM	2,4-Dichlorophenol	n/a	<	0.51	µg/L	EPA 8270C	0.51	1	WKL	
ME-VR2	2020/21-4	Dry	5/12/2021 9:00:00 AM	5/19/2021 1:18:00 AM	2,4-Dimethylphenol	n/a	<	0.3	µg/L	EPA 625.1	0.3	1	WKL	
ME-VR2	2020/21-4	Dry	5/12/2021 9:00:00 AM	5/25/2021 3:39:00 AM	2,4-Dimethylphenol	n/a	<	1	µg/L	EPA 8270C	1	2	WKL	
ME-VR2	2020/21-4	Dry	5/12/2021 9:00:00 AM	5/19/2021 1:18:00 AM	2,4-Dinitrophenol	n/a	<	1.9	µg/L	EPA 625.1	1.9	10	WKL	
ME-VR2	2020/21-4	Dry	5/12/2021 9:00:00 AM	5/25/2021 3:39:00 AM	2,4-Dinitrophenol	n/a	<	1	µg/L	EPA 8270C	1	2	WKL	
ME-VR2	2020/21-4	Dry	5/12/2021 9:00:00 AM	5/19/2021 1:18:00 AM	2,4-Dinitrotoluene	n/a	<	0.18	µg/L	EPA 625.1	0.18	1	WKL	
ME-VR2	2020/21-4	Dry	5/12/2021 9:00:00 AM	5/19/2021 1:18:00 AM	2,6-Dinitrotoluene	n/a	<	0.27	µg/L	EPA 625.1	0.27	1	WKL	
ME-VR2	2020/21-4	Dry	5/12/2021 9:00:00 AM	5/19/2021 1:18:00 AM	2-Chloronaphthalene	n/a	<	0.45	µg/L	EPA 625.1	0.45	1	WKL	
ME-VR2	2020/21-4	Dry	5/12/2021 9:00:00 AM	5/19/2021 1:18:00 AM	2-Chlorophenol	n/a	<	0.28	µg/L	EPA 625.1	0.28	1	WKL	
ME-VR2	2020/21-4	Dry	5/12/2021 9:00:00 AM	5/25/2021 3:39:00 AM	2-Chlorophenol	n/a	<	0.65	µg/L	EPA 8270C	0.65	1	WKL	
ME-VR2	2020/21-4	Dry	5/12/2021 9:00:00 AM	6/3/2021 7:49:00 AM	2-Methylnaphthalene	n/a	<	0.026	µg/L	EPA 8270C	0.026	0.1	WKL	
ME-VR2	2020/21-4	Dry	5/12/2021 9:00:00 AM	5/25/2021 3:39:00 AM	2-Methylphenol	n/a	<	0.34	µg/L	EPA 8270C	0.34	1	WKL	
ME-VR2	2020/21-4	Dry	5/12/2021 9:00:00 AM	5/19/2021 1:18:00 AM	2-Nitrophenol	n/a	<	0.26	µg/L	EPA 625.1	0.26	1	WKL	
ME-VR2	2020/21-4	Dry	5/12/2021 9:00:00 AM	5/25/2021 3:39:00 AM	2-Nitrophenol	n/a	<	0.71	µg/L	EPA 8270C	0.71	1	WKL	
ME-VR2	2020/21-4	Dry	5/12/2021 9:00:00 AM	5/19/2021 1:18:00 AM	3,3'-Dichlorobenzidine	n/a	<	0.99	µg/L	EPA 625.1	0.99	5	WKL	
ME-VR2	2020/21-4	Dry	5/12/2021 9:00:00 AM	5/25/2021 3:39:00 AM	3-/4-Methylphenol	n/a	<	0.3	µg/L	EPA 8270C	0.3	1	WKL	
ME-VR2	2020/21-4	Dry	5/12/2021 9:00:00 AM	5/25/2021 3:39:00 AM	4,6-Dinitro-2-methylphenol	n/a	<	0.14	µg/L	EPA 8270C	0.14	1	WKL	
ME-VR2	2020/21-4	Dry	5/12/2021 9:00:00 AM	5/19/2021 1:18:00 AM	4,6-Dinitro-2-methylphenol	n/a	<	1.4	µg/L	EPA 625.1	1.4	5	WKL	
ME-VR2	2020/21-4	Dry	5/12/2021 9:00:00 AM	5/19/2021 1:18:00 AM	4-Bromophenyl phenyl ether	n/a	<	0.36	µg/L	EPA 625.1	0.36	1	WKL	
ME-VR2	2020/21-4	Dry	5/12/2021 9:00:00 AM	5/19/2021 1:18:00 AM	4-Chloro-3-methylphenol	n/a	<	0.23	µg/L	EPA 625.1	0.23	1	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
ME-VR2	2020/21-4	Dry	5/12/2021 9:00:00 AM	5/25/2021 3:39:00 AM	4-Chloro-3-methylphenol	n/a	<	0.37	µg/L	EPA 8270C	0.37	1	WKL	
ME-VR2	2020/21-4	Dry	5/12/2021 9:00:00 AM	5/19/2021 1:18:00 AM	4-Chlorophenyl phenyl ether	n/a	<	0.41	µg/L	EPA 625.1	0.41	1	WKL	
ME-VR2	2020/21-4	Dry	5/12/2021 9:00:00 AM	5/19/2021 1:18:00 AM	4-Nitrophenol	n/a	<	1.2	µg/L	EPA 625.1	1.2	5	WKL	
ME-VR2	2020/21-4	Dry	5/12/2021 9:00:00 AM	5/25/2021 3:39:00 AM	4-Nitrophenol	n/a	<	1	µg/L	EPA 8270C	1	2	WKL	
ME-VR2	2020/21-4	Dry	5/12/2021 9:00:00 AM	5/19/2021 1:18:00 AM	Acenaphthene	n/a	<	0.38	µg/L	EPA 625.1	0.38	1	WKL	
ME-VR2	2020/21-4	Dry	5/12/2021 9:00:00 AM	6/3/2021 7:49:00 AM	Acenaphthene	n/a	<	0.028	µg/L	EPA 8270C	0.028	0.1	WKL	
ME-VR2	2020/21-4	Dry	5/12/2021 9:00:00 AM	5/19/2021 1:18:00 AM	Acenaphthylene	n/a	<	0.17	µg/L	EPA 625.1	0.17	1	WKL	
ME-VR2	2020/21-4	Dry	5/12/2021 9:00:00 AM	6/3/2021 7:49:00 AM	Acenaphthylene	n/a	<	0.033	µg/L	EPA 8270C	0.033	0.1	WKL	
ME-VR2	2020/21-4	Dry	5/12/2021 9:00:00 AM	6/3/2021 7:49:00 AM	Anthracene	n/a	<	0.025	µg/L	EPA 8270C	0.025	0.1	WKL	
ME-VR2	2020/21-4	Dry	5/12/2021 9:00:00 AM	5/19/2021 1:18:00 AM	Anthracene	n/a	<	0.12	µg/L	EPA 625.1	0.12	1	WKL	
ME-VR2	2020/21-4	Dry	5/12/2021 9:00:00 AM	5/19/2021 1:18:00 AM	Benz(a)anthracene	n/a	<	0.19	µg/L	EPA 625.1	0.19	1	WKL	
ME-VR2	2020/21-4	Dry	5/12/2021 9:00:00 AM	6/3/2021 7:49:00 AM	Benz(a)anthracene	n/a	<	0.051	µg/L	EPA 8270C	0.051	0.1	WKL	
ME-VR2	2020/21-4	Dry	5/12/2021 9:00:00 AM	5/19/2021 1:18:00 AM	Benzenidine	n/a	<	1.4	µg/L	EPA 625.1	1.4	10	WKL	
ME-VR2	2020/21-4	Dry	5/12/2021 9:00:00 AM	6/3/2021 8:57:00 PM	Benzo(a)pyrene	n/a	<	0.02	µg/L	EPA 525.2	0.02	0.1	WKL	
ME-VR2	2020/21-4	Dry	5/12/2021 9:00:00 AM	5/19/2021 1:18:00 AM	Benzo(a)pyrene	n/a	<	0.39	µg/L	EPA 625.1	0.39	1	WKL	
ME-VR2	2020/21-4	Dry	5/12/2021 9:00:00 AM	6/3/2021 7:49:00 AM	Benzo(a)pyrene	n/a	<	0.051	µg/L	EPA 8270C	0.051	0.1	WKL	
ME-VR2	2020/21-4	Dry	5/12/2021 9:00:00 AM	5/19/2021 1:18:00 AM	Benzo(b)fluoranthene	n/a	<	0.46	µg/L	EPA 625.1	0.46	1	WKL	
ME-VR2	2020/21-4	Dry	5/12/2021 9:00:00 AM	6/3/2021 7:49:00 AM	Benzo(b)fluoranthene	n/a	<	0.027	µg/L	EPA 8270C	0.027	0.1	WKL	
ME-VR2	2020/21-4	Dry	5/12/2021 9:00:00 AM	5/19/2021 1:18:00 AM	Benzo(g,h,i)perylene	n/a	<	0.42	µg/L	EPA 625.1	0.42	2	WKL	
ME-VR2	2020/21-4	Dry	5/12/2021 9:00:00 AM	6/3/2021 7:49:00 AM	Benzo(g,h,i)perylene	n/a	<	0.05	µg/L	EPA 8270C	0.05	0.1	WKL	
ME-VR2	2020/21-4	Dry	5/12/2021 9:00:00 AM	6/3/2021 7:49:00 AM	Benzo(k)fluoranthene	n/a	<	0.026	µg/L	EPA 8270C	0.026	0.1	WKL	
ME-VR2	2020/21-4	Dry	5/12/2021 9:00:00 AM	5/19/2021 1:18:00 AM	Benzo(k)fluoranthene	n/a	<	0.22	µg/L	EPA 625.1	0.22	1	WKL	
ME-VR2	2020/21-4	Dry	5/12/2021 9:00:00 AM	5/19/2021 1:18:00 AM	Bis(2-chloroethoxy)methane	n/a	<	0.25	µg/L	EPA 625.1	0.25	1	WKL	
ME-VR2	2020/21-4	Dry	5/12/2021 9:00:00 AM	5/19/2021 1:18:00 AM	Bis(2-chloroethyl)ether	n/a	<	0.27	µg/L	EPA 625.1	0.27	1	WKL	
ME-VR2	2020/21-4	Dry	5/12/2021 9:00:00 AM	5/19/2021 1:18:00 AM	Bis(2-chloroisopropyl)ether	n/a	<	0.38	µg/L	EPA 625.1	0.38	1	WKL	
ME-VR2	2020/21-4	Dry	5/12/2021 9:00:00 AM	6/3/2021 8:57:00 PM	Bis(2-ethylhexyl)adipate	n/a	DNQ	0.68	µg/L	EPA 525.2	0.12	5	WKL	
ME-VR2	2020/21-4	Dry	5/12/2021 9:00:00 AM	6/3/2021 8:57:00 PM	Bis(2-ethylhexyl)phthalate	n/a	DNQ	0.52	µg/L	EPA 525.2	0.41	3	WKL	
ME-VR2	2020/21-4	Dry	5/12/2021 9:00:00 AM	5/19/2021 1:18:00 AM	Bis(2-ethylhexyl)phthalate	n/a	<	2.3	µg/L	EPA 625.1	2.3	5	WKL	
ME-VR2	2020/21-4	Dry	5/12/2021 9:00:00 AM	5/19/2021 1:18:00 AM	Butyl benzyl phthalate	n/a	DNQ	0.4	µg/L	EPA 625.1	0.18	1	WKL	
ME-VR2	2020/21-4	Dry	5/12/2021 9:00:00 AM	5/19/2021 1:18:00 AM	Chrysene	n/a	<	0.19	µg/L	EPA 625.1	0.19	1	WKL	
ME-VR2	2020/21-4	Dry	5/12/2021 9:00:00 AM	6/3/2021 7:49:00 AM	Chrysene	n/a	<	0.032	µg/L	EPA 8270C	0.032	0.1	WKL	
ME-VR2	2020/21-4	Dry	5/12/2021 9:00:00 AM	5/19/2021 1:18:00 AM	Dibenz(a,h)anthracene	n/a	<	0.53	µg/L	EPA 625.1	0.53	2	WKL	
ME-VR2	2020/21-4	Dry	5/12/2021 9:00:00 AM	6/3/2021 7:49:00 AM	Dibenz(a,h)anthracene	n/a	<	0.096	µg/L	EPA 8270C	0.096	0.1	WKL	
ME-VR2	2020/21-4	Dry	5/12/2021 9:00:00 AM	5/19/2021 1:18:00 AM	Diethyl phthalate	n/a	DNQ	0.56	µg/L	EPA 625.1	0.15	1	WKL	
ME-VR2	2020/21-4	Dry	5/12/2021 9:00:00 AM	5/19/2021 1:18:00 AM	Dimethyl phthalate	n/a	<	0.18	µg/L	EPA 625.1	0.18	1	WKL	
ME-VR2	2020/21-4	Dry	5/12/2021 9:00:00 AM	5/19/2021 1:18:00 AM	Di-n-butylphthalate	n/a	DNQ	0.1	µg/L	EPA 625.1	0.1	1	WKL	
ME-VR2	2020/21-4	Dry	5/12/2021 9:00:00 AM	5/19/2021 1:18:00 AM	Di-n-octylphthalate	n/a	<	0.46	µg/L	EPA 625.1	0.46	1	WKL	
ME-VR2	2020/21-4	Dry	5/12/2021 9:00:00 AM	5/19/2021 1:18:00 AM	Fluoranthene	n/a	<	0.08	µg/L	EPA 625.1	0.08	1	WKL	
ME-VR2	2020/21-4	Dry	5/12/2021 9:00:00 AM	6/3/2021 7:49:00 AM	Fluoranthene	n/a	<	0.039	µg/L	EPA 8270C	0.039	0.1	WKL	
ME-VR2	2020/21-4	Dry	5/12/2021 9:00:00 AM	5/19/2021 1:18:00 AM	Fluorene	n/a	<	0.35	µg/L	EPA 625.1	0.35	1	WKL	
ME-VR2	2020/21-4	Dry	5/12/2021 9:00:00 AM	6/3/2021 7:49:00 AM	Fluorene	n/a	<	0.029	µg/L	EPA 8270C	0.029	0.1	WKL	
ME-VR2	2020/21-4	Dry	5/12/2021 9:00:00 AM	5/19/2021 1:18:00 AM	Hexachlorobenzene	n/a	<	0.49	µg/L	EPA 625.1	0.49	1	WKL	
ME-VR2	2020/21-4	Dry	5/12/2021 9:00:00 AM	5/19/2021 1:18:00 AM	Hexachlorobutadiene	n/a	<	0.47	µg/L	EPA 625.1	0.47	1	WKL	
ME-VR2	2020/21-4	Dry	5/12/2021 9:00:00 AM	5/19/2021 1:18:00 AM	Hexachlorocyclopentadiene	n/a	<	0.98	µg/L	EPA 625.1	0.98	5	WKL	
ME-VR2	2020/21-4	Dry	5/12/2021 9:00:00 AM	5/19/2021 1:18:00 AM	Hexachloroethane	n/a	<	0.5	µg/L	EPA 625.1	0.5	1	WKL	
ME-VR2	2020/21-4	Dry	5/12/2021 9:00:00 AM	6/3/2021 7:49:00 AM	Indeno(1,2,3-cd)pyrene	n/a	<	0.065	µg/L	EPA 8270C	0.065	0.1	WKL	
ME-VR2	2020/21-4	Dry	5/12/2021 9:00:00 AM	5/19/2021 1:18:00 AM	Indeno(1,2,3-cd)pyrene	n/a	<	0.55	µg/L	EPA 625.1	0.55	2	WKL	
ME-VR2	2020/21-4	Dry	5/12/2021 9:00:00 AM	5/19/2021 1:18:00 AM	Isophorone	n/a	<	0.21	µg/L	EPA 625.1	0.21	1	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
ME-VR2	2020/21-4	Dry	5/12/2021 9:00:00 AM	6/3/2021 7:49:00 AM	Naphthalene	n/a	<	0.026	µg/L	EPA 8270C	0.026	0.1	WKL	
ME-VR2	2020/21-4	Dry	5/12/2021 9:00:00 AM	5/19/2021 1:18:00 AM	Naphthalene	n/a	<	0.49	µg/L	EPA 625.1	0.49	1	WKL	
ME-VR2	2020/21-4	Dry	5/12/2021 9:00:00 AM	5/19/2021 1:18:00 AM	Nitrobenzene	n/a	<	0.36	µg/L	EPA 625.1	0.36	1	WKL	
ME-VR2	2020/21-4	Dry	5/12/2021 9:00:00 AM	5/19/2021 1:18:00 AM	N-Nitrosodimethylamine	n/a	<	0.5	µg/L	EPA 625.1	0.5	1	WKL	
ME-VR2	2020/21-4	Dry	5/12/2021 9:00:00 AM	5/19/2021 1:18:00 AM	N-Nitrosodi-N-propylamine	n/a	<	0.26	µg/L	EPA 625.1	0.26	1	WKL	
ME-VR2	2020/21-4	Dry	5/12/2021 9:00:00 AM	5/19/2021 1:18:00 AM	N-Nitrosodiphenylamine	n/a	<	0.19	µg/L	EPA 625.1	0.19	1	WKL	
ME-VR2	2020/21-4	Dry	5/12/2021 9:00:00 AM	6/3/2021 7:49:00 AM	Phenanthrene	n/a	<	0.029	µg/L	EPA 8270C	0.029	0.1	WKL	
ME-VR2	2020/21-4	Dry	5/12/2021 9:00:00 AM	5/19/2021 1:18:00 AM	Phenanthrene	n/a	<	0.32	µg/L	EPA 625.1	0.32	1	WKL	
ME-VR2	2020/21-4	Dry	5/12/2021 9:00:00 AM	5/25/2021 3:39:00 AM	Phenol	n/a	<	0.35	µg/L	EPA 8270C	0.35	1	WKL	
ME-VR2	2020/21-4	Dry	5/12/2021 9:00:00 AM	5/19/2021 1:18:00 AM	Phenol	n/a	DNQ	0.3	µg/L	EPA 625.1	0.16	1	WKL	
ME-VR2	2020/21-4	Dry	5/12/2021 9:00:00 AM	6/3/2021 7:49:00 AM	Pyrene	n/a	<	0.04	µg/L	EPA 8270C	0.04	0.1	WKL	
ME-VR2	2020/21-4	Dry	5/12/2021 9:00:00 AM	5/19/2021 1:18:00 AM	Pyrene	n/a	<	0.25	µg/L	EPA 625.1	0.25	1	WKL	
ME-VR2	2020/21-4	Dry	5/12/2021 9:00:00 AM	6/5/2021 6:20:00 AM	PCB Aroclor 1016	n/a	<	0.2	µg/L	EPA 608.3	0.2	1	WKL	
ME-VR2	2020/21-4	Dry	5/12/2021 9:00:00 AM	6/5/2021 6:20:00 AM	PCB Aroclor 1221	n/a	<	0.2	µg/L	EPA 608.3	0.2	1	WKL	
ME-VR2	2020/21-4	Dry	5/12/2021 9:00:00 AM	6/5/2021 6:20:00 AM	PCB Aroclor 1232	n/a	<	0.2	µg/L	EPA 608.3	0.2	1	WKL	
ME-VR2	2020/21-4	Dry	5/12/2021 9:00:00 AM	6/5/2021 6:20:00 AM	PCB Aroclor 1242	n/a	<	0.2	µg/L	EPA 608.3	0.2	1	WKL	
ME-VR2	2020/21-4	Dry	5/12/2021 9:00:00 AM	6/5/2021 6:20:00 AM	PCB Aroclor 1248	n/a	<	0.2	µg/L	EPA 608.3	0.2	1	WKL	
ME-VR2	2020/21-4	Dry	5/12/2021 9:00:00 AM	6/5/2021 6:20:00 AM	PCB Aroclor 1254	n/a	<	0.2	µg/L	EPA 608.3	0.2	1	WKL	
ME-VR2	2020/21-4	Dry	5/12/2021 9:00:00 AM	6/5/2021 6:20:00 AM	PCB Aroclor 1260	n/a	<	0.2	µg/L	EPA 608.3	0.2	1	WKL	
ME-VR2	2020/21-4	Dry	5/12/2021 9:00:00 AM	5/23/2021 7:21:00 AM	2,4,5-T	n/a	<	0.055	µg/L	EPA 515.4	0.055	0.2	WKL	
ME-VR2	2020/21-4	Dry	5/12/2021 9:00:00 AM	5/23/2021 7:21:00 AM	2,4,5-TP	n/a	<	0.046	µg/L	EPA 515.4	0.046	0.2	WKL	
ME-VR2	2020/21-4	Dry	5/12/2021 9:00:00 AM	5/23/2021 7:21:00 AM	2,4-D	n/a	<	0.14	µg/L	EPA 515.4	0.14	0.4	WKL	
ME-VR2	2020/21-4	Dry	5/12/2021 9:00:00 AM	5/23/2021 7:21:00 AM	2,4-DB	n/a	<	0.19	µg/L	EPA 515.4	0.19	2	WKL	
ME-VR2	2020/21-4	Dry	5/12/2021 9:00:00 AM	5/23/2021 7:21:00 AM	3,5-Dichlorobenzoic acid	n/a	<	0.12	µg/L	EPA 515.4	0.12	1	WKL	
ME-VR2	2020/21-4	Dry	5/12/2021 9:00:00 AM	6/5/2021 6:20:00 AM	4,4'-DDD	n/a	<	0.0014	µg/L	EPA 608.3	0.0014	0.1	WKL	
ME-VR2	2020/21-4	Dry	5/12/2021 9:00:00 AM	6/5/2021 6:20:00 AM	4,4'-DDE	n/a	<	0.0014	µg/L	EPA 608.3	0.0014	0.1	WKL	
ME-VR2	2020/21-4	Dry	5/12/2021 9:00:00 AM	6/5/2021 6:20:00 AM	4,4'-DDT	n/a	<	0.0022	µg/L	EPA 608.3	0.0022	0.02	WKL	
ME-VR2	2020/21-4	Dry	5/12/2021 9:00:00 AM	5/23/2021 7:21:00 AM	Acifluorfen	n/a	<	0.072	µg/L	EPA 515.4	0.072	0.4	WKL	
ME-VR2	2020/21-4	Dry	5/12/2021 9:00:00 AM	6/3/2021 8:57:00 PM	Alachlor	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1	WKL	
ME-VR2	2020/21-4	Dry	5/12/2021 9:00:00 AM	6/5/2021 6:20:00 AM	Aldrin	n/a	<	0.002	µg/L	EPA 608.3	0.002	0.01	WKL	
ME-VR2	2020/21-4	Dry	5/12/2021 9:00:00 AM	6/5/2021 6:20:00 AM	alpha-BHC	n/a	<	0.0022	µg/L	EPA 608.3	0.0022	0.02	WKL	
ME-VR2	2020/21-4	Dry	5/12/2021 9:00:00 AM	6/5/2021 6:20:00 AM	alpha-Chlordane	n/a	<	0.0058	µg/L	EPA 608.3	0.0058	0.02	WKL	
ME-VR2	2020/21-4	Dry	5/12/2021 9:00:00 AM	6/3/2021 8:57:00 PM	Atrazine	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1	WKL	
ME-VR2	2020/21-4	Dry	5/12/2021 9:00:00 AM	5/20/2021 7:22:00 PM	Azinphos methyl	n/a	<	0.0055	µg/L	EPA 625.1m	0.0055	0.01	WKL	
ME-VR2	2020/21-4	Dry	5/12/2021 9:00:00 AM	5/23/2021 7:21:00 AM	Bentazon	n/a	<	0.23	µg/L	EPA 515.4	0.23	2	WKL	
ME-VR2	2020/21-4	Dry	5/12/2021 9:00:00 AM	6/5/2021 6:20:00 AM	beta-BHC	n/a	<	0.003	µg/L	EPA 608.3	0.003	0.01	WKL	
ME-VR2	2020/21-4	Dry	5/12/2021 9:00:00 AM	5/20/2021 7:22:00 PM	Bolstar	n/a	<	0.0046	µg/L	EPA 625.1m	0.0046	0.01	WKL	
ME-VR2	2020/21-4	Dry	5/12/2021 9:00:00 AM	6/3/2021 8:57:00 PM	Bromacil	n/a	<	0.16	µg/L	EPA 525.2	0.16	0.5	WKL	
ME-VR2	2020/21-4	Dry	5/12/2021 9:00:00 AM	6/3/2021 8:57:00 PM	Butachlor	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1	WKL	
ME-VR2	2020/21-4	Dry	5/12/2021 9:00:00 AM	6/3/2021 8:57:00 PM	Captan	n/a	<	0.16	µg/L	EPA 525.2	0.16	1	WKL	
ME-VR2	2020/21-4	Dry	5/12/2021 9:00:00 AM	6/5/2021 6:20:00 AM	Chlordane (technical)	n/a	<	0.086	µg/L	EPA 608.3	0.086	0.2	WKL	
ME-VR2	2020/21-4	Dry	5/12/2021 9:00:00 AM	6/3/2021 8:57:00 PM	Chlorpropham	n/a	<	0.04	µg/L	EPA 525.2	0.04	0.1	WKL	
ME-VR2	2020/21-4	Dry	5/12/2021 9:00:00 AM	5/20/2021 7:22:00 PM	Chlorpyrifos	n/a	<	0.0069	µg/L	EPA 625.1m	0.0069	0.01	WKL	
ME-VR2	2020/21-4	Dry	5/12/2021 9:00:00 AM	5/20/2021 7:22:00 PM	Coumaphos	n/a	<	0.0051	µg/L	EPA 625.1m	0.0051	0.01	WKL	
ME-VR2	2020/21-4	Dry	5/12/2021 9:00:00 AM	6/3/2021 8:57:00 PM	Cyanazine	n/a	<	0.04	µg/L	EPA 525.2	0.04	0.1	WKL	
ME-VR2	2020/21-4	Dry	5/12/2021 9:00:00 AM	5/23/2021 7:21:00 AM	Dalapon	n/a	<	0.11	µg/L	EPA 515.4	0.11	0.4	WKL	
ME-VR2	2020/21-4	Dry	5/12/2021 9:00:00 AM	5/23/2021 7:21:00 AM	DCPA (Dacthal)	n/a	<	0.053	µg/L	EPA 515.4	0.053	0.1	WKL	
ME-VR2	2020/21-4	Dry	5/12/2021 9:00:00 AM	6/5/2021 6:20:00 AM	delta-BHC	n/a	<	0.0038	µg/L	EPA 608.3	0.0038	0.01	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
ME-VR2	2020/21-4	Dry	5/12/2021 9:00:00 AM	5/20/2021 7:22:00 PM	Demeton-O	n/a	<	0.01	µg/L	EPA 625.1m	0.01	0.01	WKL	
ME-VR2	2020/21-4	Dry	5/12/2021 9:00:00 AM	5/20/2021 7:22:00 PM	Demeton-S	n/a	<	0.01	µg/L	EPA 625.1m	0.01	0.01	WKL	
ME-VR2	2020/21-4	Dry	5/12/2021 9:00:00 AM	6/3/2021 8:57:00 PM	Diazinon	n/a	<	0.05	µg/L	EPA 525.2	0.05	0.1	WKL	
ME-VR2	2020/21-4	Dry	5/12/2021 9:00:00 AM	5/20/2021 7:22:00 PM	Diazinon	n/a	<	0.0052	µg/L	EPA 625.1m	0.0052	0.01	WKL	
ME-VR2	2020/21-4	Dry	5/12/2021 9:00:00 AM	5/23/2021 7:21:00 AM	Dicamba	n/a	<	0.075	µg/L	EPA 515.4	0.075	0.6	WKL	
ME-VR2	2020/21-4	Dry	5/12/2021 9:00:00 AM	5/23/2021 7:21:00 AM	Dichlorprop	n/a	<	0.12	µg/L	EPA 515.4	0.12	0.3	WKL	
ME-VR2	2020/21-4	Dry	5/12/2021 9:00:00 AM	5/20/2021 7:22:00 PM	Dichlorvos	n/a	<	0.0029	µg/L	EPA 625.1m	0.0029	0.01	WKL	
ME-VR2	2020/21-4	Dry	5/12/2021 9:00:00 AM	6/5/2021 6:20:00 AM	Dieldrin	n/a	<	0.0016	µg/L	EPA 608.3	0.0016	0.02	WKL	
ME-VR2	2020/21-4	Dry	5/12/2021 9:00:00 AM	6/3/2021 8:57:00 PM	Dimethoate	n/a	<	0.02	µg/L	EPA 525.2	0.02	0.2	WKL	
ME-VR2	2020/21-4	Dry	5/12/2021 9:00:00 AM	5/20/2021 7:22:00 PM	Dimethoate	n/a	<	0.0062	µg/L	EPA 625.1m	0.0062	0.01	WKL	
ME-VR2	2020/21-4	Dry	5/12/2021 9:00:00 AM	5/23/2021 7:21:00 AM	Dinoseb	n/a	<	0.055	µg/L	EPA 515.4	0.055	0.4	WKL	
ME-VR2	2020/21-4	Dry	5/12/2021 9:00:00 AM	6/3/2021 8:57:00 PM	Diphenamid	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1	WKL	
ME-VR2	2020/21-4	Dry	5/12/2021 9:00:00 AM	6/3/2021 8:57:00 PM	Disulfoton	n/a	<	0.04	µg/L	EPA 525.2	0.04	0.1	WKL	
ME-VR2	2020/21-4	Dry	5/12/2021 9:00:00 AM	5/20/2021 7:22:00 PM	Disulfoton	n/a	<	0.01	µg/L	EPA 625.1m	0.01	0.01	WKL	
ME-VR2	2020/21-4	Dry	5/12/2021 9:00:00 AM	6/5/2021 6:20:00 AM	Endosulfan I	n/a	<	0.0018	µg/L	EPA 608.3	0.0018	0.04	WKL	
ME-VR2	2020/21-4	Dry	5/12/2021 9:00:00 AM	6/5/2021 6:20:00 AM	Endosulfan II	n/a	<	0.0014	µg/L	EPA 608.3	0.0014	0.02	WKL	
ME-VR2	2020/21-4	Dry	5/12/2021 9:00:00 AM	6/5/2021 6:20:00 AM	Endosulfan sulfate	n/a	<	0.0026	µg/L	EPA 608.3	0.0026	0.1	WKL	
ME-VR2	2020/21-4	Dry	5/12/2021 9:00:00 AM	6/5/2021 6:20:00 AM	Endrin	n/a	<	0.0034	µg/L	EPA 608.3	0.0034	0.02	WKL	
ME-VR2	2020/21-4	Dry	5/12/2021 9:00:00 AM	6/5/2021 6:20:00 AM	Endrin aldehyde	n/a	<	0.0038	µg/L	EPA 608.3	0.0038	0.02	WKL	
ME-VR2	2020/21-4	Dry	5/12/2021 9:00:00 AM	6/3/2021 8:57:00 PM	EPTC	n/a	<	0.02	µg/L	EPA 525.2	0.02	0.1	WKL	
ME-VR2	2020/21-4	Dry	5/12/2021 9:00:00 AM	5/20/2021 7:22:00 PM	Ethoprop	n/a	<	0.0067	µg/L	EPA 625.1m	0.0067	0.01	WKL	
ME-VR2	2020/21-4	Dry	5/12/2021 9:00:00 AM	5/20/2021 7:22:00 PM	Ethyl parathion	n/a	<	0.0054	µg/L	EPA 625.1m	0.0054	0.01	WKL	
ME-VR2	2020/21-4	Dry	5/12/2021 9:00:00 AM	5/20/2021 7:22:00 PM	Fensulfothion	n/a	<	0.0029	µg/L	EPA 625.1m	0.0029	0.01	WKL	
ME-VR2	2020/21-4	Dry	5/12/2021 9:00:00 AM	5/20/2021 7:22:00 PM	Fenthion	n/a	<	0.0038	µg/L	EPA 625.1m	0.0038	0.01	WKL	
ME-VR2	2020/21-4	Dry	5/12/2021 9:00:00 AM	6/5/2021 6:20:00 AM	gamma-BHC (Lindane)	n/a	<	0.0008	µg/L	EPA 608.3	0.0008	0.04	WKL	
ME-VR2	2020/21-4	Dry	5/12/2021 9:00:00 AM	6/5/2021 6:20:00 AM	gamma-Chlordane	n/a	<	0.0046	µg/L	EPA 608.3	0.0046	0.02	WKL	
ME-VR2	2020/21-4	Dry	5/12/2021 9:00:00 AM	5/14/2021 3:56:00 AM	Glyphosate	n/a	<	1.8	µg/L	EPA 547	1.8	5	WKL	
ME-VR2	2020/21-4	Dry	5/12/2021 9:00:00 AM	6/5/2021 6:20:00 AM	Heptachlor	n/a	<	0.0012	µg/L	EPA 608.3	0.0012	0.02	WKL	
ME-VR2	2020/21-4	Dry	5/12/2021 9:00:00 AM	6/5/2021 6:20:00 AM	Heptachlor epoxide	n/a	<	0.0008	µg/L	EPA 608.3	0.0008	0.02	WKL	
ME-VR2	2020/21-4	Dry	5/12/2021 9:00:00 AM	5/20/2021 7:22:00 PM	Malathion	n/a	<	0.0076	µg/L	EPA 625.1m	0.0076	0.01	WKL	
ME-VR2	2020/21-4	Dry	5/12/2021 9:00:00 AM	5/20/2021 7:22:00 PM	Merphos	n/a	<	0.0058	µg/L	EPA 625.1m	0.0058	0.01	WKL	
ME-VR2	2020/21-4	Dry	5/12/2021 9:00:00 AM	5/20/2021 7:22:00 PM	Methyl parathion	n/a	<	0.0063	µg/L	EPA 625.1m	0.0063	0.01	WKL	
ME-VR2	2020/21-4	Dry	5/12/2021 9:00:00 AM	6/3/2021 8:57:00 PM	Metolachlor	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1	WKL	
ME-VR2	2020/21-4	Dry	5/12/2021 9:00:00 AM	6/3/2021 8:57:00 PM	Metribuzin	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1	WKL	
ME-VR2	2020/21-4	Dry	5/12/2021 9:00:00 AM	5/20/2021 7:22:00 PM	Mevinphos	n/a	<	0.0042	µg/L	EPA 625.1m	0.0042	0.01	WKL	
ME-VR2	2020/21-4	Dry	5/12/2021 9:00:00 AM	6/3/2021 8:57:00 PM	Molinate	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1	WKL	
ME-VR2	2020/21-4	Dry	5/12/2021 9:00:00 AM	5/20/2021 7:22:00 PM	Naled	n/a	<	0.0076	µg/L	EPA 625.1m	0.0076	0.01	WKL	
ME-VR2	2020/21-4	Dry	5/12/2021 9:00:00 AM	5/23/2021 7:21:00 AM	Pentachlorophenol	n/a	<	0.046	µg/L	EPA 515.4	0.046	0.2	WKL	
ME-VR2	2020/21-4	Dry	5/12/2021 9:00:00 AM	5/19/2021 1:18:00 AM	Pentachlorophenol	n/a	<	0.4	µg/L	EPA 625.1	0.4	1	WKL	
ME-VR2	2020/21-4	Dry	5/12/2021 9:00:00 AM	5/25/2021 3:39:00 AM	Pentachlorophenol	n/a	<	0.15	µg/L	EPA 8270C	0.15	1	WKL	
ME-VR2	2020/21-4	Dry	5/12/2021 9:00:00 AM	5/20/2021 7:22:00 PM	Phorate	n/a	<	0.003	µg/L	EPA 625.1m	0.003	0.01	WKL	
ME-VR2	2020/21-4	Dry	5/12/2021 9:00:00 AM	5/23/2021 7:21:00 AM	Picloram	n/a	<	0.038	µg/L	EPA 515.4	0.038	0.6	WKL	
ME-VR2	2020/21-4	Dry	5/12/2021 9:00:00 AM	6/3/2021 8:57:00 PM	Prometon	n/a	<	0.01	µg/L	EPA 525.2	0.01	0.1	WKL	
ME-VR2	2020/21-4	Dry	5/12/2021 9:00:00 AM	6/3/2021 8:57:00 PM	Prometryn	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1	WKL	
ME-VR2	2020/21-4	Dry	5/12/2021 9:00:00 AM	5/20/2021 7:22:00 PM	Ronnel (Fenclophos)	n/a	<	0.0041	µg/L	EPA 625.1m	0.0041	0.01	WKL	
ME-VR2	2020/21-4	Dry	5/12/2021 9:00:00 AM	6/3/2021 8:57:00 PM	Simazine	n/a	<	0.02	µg/L	EPA 525.2	0.02	0.1	WKL	
ME-VR2	2020/21-4	Dry	5/12/2021 9:00:00 AM	5/20/2021 7:22:00 PM	Stirophos (Tetrachlorvinphos)	n/a	<	0.0031	µg/L	EPA 625.1m	0.0031	0.01	WKL	
ME-VR2	2020/21-4	Dry	5/12/2021 9:00:00 AM	6/3/2021 8:57:00 PM	Terbacil	n/a	<	0.09	µg/L	EPA 525.2	0.09	2	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
ME-VR2	2020/21-4	Dry	5/12/2021 9:00:00 AM	6/3/2021 8:57:00 PM	Thiobencarb	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1	WKL	
ME-VR2	2020/21-4	Dry	5/12/2021 9:00:00 AM	5/20/2021 7:22:00 PM	Toxaphene	n/a	<	0.0078	µg/L	EPA 625.1m	0.0078	0.01	WKL	
ME-VR2	2020/21-4	Dry	5/12/2021 9:00:00 AM	6/5/2021 6:20:00 AM	Toxaphene	n/a	<	0.17	µg/L	EPA 608.3	0.17	1	WKL	
ME-VR2	2020/21-4	Dry	5/12/2021 9:00:00 AM	5/20/2021 7:22:00 PM	Trichloronate	n/a	<	0.0067	µg/L	EPA 625.1m	0.0067	0.01	WKL	
ME-VR2	2020/21-4	Dry	5/12/2021 9:00:00 AM	6/3/2021 8:57:00 PM	Trithion	n/a	<	0.02	µg/L	EPA 525.2	0.02	0.1	WKL	
MO-CAM	2020/21-1	Wet	12/28/2020 5:00:00 AM	12/29/2020 11:58:00 AM	E. Coli	n/a	=	1989	MPN/100 mL	MMO-MUG	10	10	VCHCA	
MO-CAM	2020/21-1	Wet	12/28/2020 5:00:00 AM	12/29/2020 11:58:00 AM	Total Coliform	n/a	=	198630	MPN/100 mL	MMO-MUG	100	100	VCHCA	
MO-CAM	2020/21-1	Wet	12/28/2020 5:00:00 AM	12/28/2020 5:00:00 AM	Conductivity	n/a	=	6.7	µmhos/cm	Field Meter	-88	1	Field Crew	
MO-CAM	2020/21-1	Wet	12/28/2020 5:00:00 AM	1/5/2021 2:32:00 PM	Cyanide	Total	=	0.0049	mg/L	ASTM D7511	0.0003	0.002	WKL	
MO-CAM	2020/21-1	Wet	12/28/2020 5:00:00 AM	12/28/2020 5:00:00 AM	DO	n/a	=	75.7	%	Field Meter	-88	0.1	Field Crew	
MO-CAM	2020/21-1	Wet	12/28/2020 5:00:00 AM	12/28/2020 5:00:00 AM	DO	n/a	=	9.27	mg/L	Field Meter	-88	0.3	Field Crew	
MO-CAM	2020/21-1	Wet	12/28/2020 5:00:00 AM	12/28/2020 5:00:00 AM	pH	n/a	=	6.85	pH Units	Field Meter	-88	0.01	Field Crew	
MO-CAM	2020/21-1	Wet	12/28/2020 5:00:00 AM	12/28/2020 5:00:00 AM	Salinity	n/a	<	100	mg/L	Field Meter	-88	100	Field Crew	
MO-CAM	2020/21-1	Wet	12/28/2020 5:00:00 AM	12/28/2020 5:00:00 AM	Specific Conductance	n/a	=	9.1	µmhos/cm	Field Meter	-88	1	Field Crew	
MO-CAM	2020/21-1	Wet	12/28/2020 5:00:00 AM	12/28/2020 5:00:00 AM	Temperature	n/a	=	10.9	°C	Field Meter	-88	0.1	Field Crew	
MO-CAM	2020/21-1	Wet	12/28/2020 5:00:00 AM	1/3/2021 7:08:00 PM	Gasoline Range Organics	n/a	<	0.065	mg/L	LUFT GC/MS	0.065	0.1	WKL	
MO-CAM	2020/21-1	Wet	12/28/2020 5:00:00 AM	1/15/2021 5:19:00 PM	Oil and Grease	n/a	DNQ	1.3	mg/L	EPA 1664B	0.7	5	WKL	
MO-CAM	2020/21-1	Wet	12/28/2020 5:00:00 AM	12/29/2020 1:47:00 PM	2-Chloroethyl vinyl ether	n/a	<	0.19	µg/L	EPA 624.1	0.19	1	WKL	
MO-CAM	2020/21-1	Wet	12/28/2020 5:00:00 AM	12/29/2020 1:47:00 PM	Methyl tert-butyl ether (MTBE)	n/a	<	0.4	µg/L	EPA 624.1	0.4	1	WKL	
MO-CAM	2020/21-1	Wet	12/28/2020 1:01:00 PM	12/30/2020 2:27:00 AM	Chloride	n/a	=	21	mg/L	EPA 300.0	0.17	1	WKL	
MO-CAM	2020/21-1	Wet	12/28/2020 1:01:00 PM	12/30/2020 2:27:00 AM	Fluoride	n/a	DNQ	0.13	mg/L	EPA 300.0	0.018	0.2	WKL	
MO-CAM	2020/21-1	Wet	12/28/2020 1:01:00 PM	12/31/2020 10:31:00 AM	Perchlorate	n/a	<	8.4	µg/L	EPA 314.0	8.4	20	WKL	
MO-CAM	2020/21-1	Wet	12/28/2020 1:01:00 PM	1/2/2021 11:50:00 AM	Calcium	Total	=	19.4	mg/L	EPA 200.7	0.016	0.1	WKL	
MO-CAM	2020/21-1	Wet	12/28/2020 1:01:00 PM	1/2/2021 11:50:00 AM	Magnesium	Total	=	4.8	mg/L	EPA 200.7	0.012	0.1	WKL	
MO-CAM	2020/21-1	Wet	12/28/2020 1:01:00 PM	1/4/2021 12:17:00 PM	Alkalinity as CaCO3	n/a	=	75	mg/L	SM 2320 B	0.56	5	WKL	
MO-CAM	2020/21-1	Wet	12/28/2020 1:01:00 PM	1/3/2021 12:03:00 PM	BOD	n/a	=	48	mg/L	SM 5210 B	2	2	WKL	
MO-CAM	2020/21-1	Wet	12/28/2020 1:01:00 PM	12/30/2020 12:28:00 PM	COD	n/a	=	200	mg/L	EPA 410.4	2.9	5	WKL	
MO-CAM	2020/21-1	Wet	12/28/2020 1:01:00 PM	1/2/2021 11:50:00 AM	Hardness as CaCO3	Total	=	68.2	mg/L	EPA 200.7	0.0894	0.662	WKL	
MO-CAM	2020/21-1	Wet	12/28/2020 1:01:00 PM	12/29/2020 3:15:00 PM	MBAS	n/a	=	0.21	mg/L	SM 5540 C	0.017	0.05	WKL	
MO-CAM	2020/21-1	Wet	12/28/2020 1:01:00 PM	1/5/2021 1:33:00 PM	Phenolics	n/a	=	0.11	mg/L	EPA 420.4	0.0032	0.01	WKL	
MO-CAM	2020/21-1	Wet	12/28/2020 1:01:00 PM	1/5/2021 12:41:00 PM	Specific Conductance	n/a	=	260	µmhos/cm	SM 2510 B	0.23	2	WKL	
MO-CAM	2020/21-1	Wet	12/28/2020 1:01:00 PM	12/30/2020 6:44:00 PM	Total Dissolved Solids	n/a	=	190	mg/L	SM 2540 C	4	10	WKL	
MO-CAM	2020/21-1	Wet	12/28/2020 1:01:00 PM	12/30/2020 2:24:00 PM	Total Organic Carbon	n/a	=	47	mg/L	SM 5310 B	0.096	0.3	WKL	
MO-CAM	2020/21-1	Wet	12/28/2020 1:01:00 PM	12/30/2020 12:43:00 PM	Total Suspended Solids	n/a	=	510	mg/L	SM 2540 D	-88	5	WKL	
MO-CAM	2020/21-1	Wet	12/28/2020 1:01:00 PM	12/29/2020 3:29:00 PM	Turbidity	n/a	=	23	NTU	EPA 180.1	0.017	0.1	WKL	
MO-CAM	2020/21-1	Wet	12/28/2020 1:01:00 PM	12/30/2020 12:43:00 PM	Volatile Suspended Solids	n/a	=	140	mg/L	EPA 160.4	3.1	5	WKL	
MO-CAM	2020/21-1	Wet	12/28/2020 1:01:00 PM	1/12/2021 1:27:00 PM	Diesel Range Organics	n/a	=	1	mg/L	EPA 8015B	0.032	0.1	WKL	
MO-CAM	2020/21-1	Wet	12/28/2020 1:01:00 PM	1/12/2021 1:27:00 PM	Oil Range Organics	n/a	<	0.33	mg/L	EPA 8015B	0.33	0.5	WKL	
MO-CAM	2020/21-1	Wet	12/28/2020 1:01:00 PM	1/4/2021 3:30:00 PM	Aluminum	Dissolved	=	85	µg/L	EPA 200.8	4.4	20	WKL	
MO-CAM	2020/21-1	Wet	12/28/2020 1:01:00 PM	1/4/2021 3:33:00 PM	Aluminum	Total	=	3000	µg/L	EPA 200.8	4.4	20	WKL	
MO-CAM	2020/21-1	Wet	12/28/2020 1:01:00 PM	1/4/2021 3:30:00 PM	Antimony	Dissolved	=	0.78	µg/L	EPA 200.8	0.089	0.5	WKL	
MO-CAM	2020/21-1	Wet	12/28/2020 1:01:00 PM	1/4/2021 3:33:00 PM	Antimony	Total	=	1.8	µg/L	EPA 200.8	0.089	0.5	WKL	
MO-CAM	2020/21-1	Wet	12/28/2020 1:01:00 PM	1/4/2021 3:30:00 PM	Arsenic	Dissolved	=	1.1	µg/L	EPA 200.8	0.074	0.4	WKL	
MO-CAM	2020/21-1	Wet	12/28/2020 1:01:00 PM	1/4/2021 3:33:00 PM	Arsenic	Total	=	2.4	µg/L	EPA 200.8	0.074	0.4	WKL	
MO-CAM	2020/21-1	Wet	12/28/2020 1:01:00 PM	1/4/2021 3:33:00 PM	Barium	Total	=	64	µg/L	EPA 200.8	0.14	1	WKL	
MO-CAM	2020/21-1	Wet	12/28/2020 1:01:00 PM	1/4/2021 3:30:00 PM	Beryllium	Dissolved	<	0.062	µg/L	EPA 200.8	0.062	0.1	WKL	
MO-CAM	2020/21-1	Wet	12/28/2020 1:01:00 PM	1/4/2021 3:33:00 PM	Beryllium	Total	=	0.18	µg/L	EPA 200.8	0.062	0.1	WKL	
MO-CAM	2020/21-1	Wet	12/28/2020 1:01:00 PM	1/4/2021 3:30:00 PM	Cadmium	Dissolved	DNQ	0.094	µg/L	EPA 200.8	0.042	0.2	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-CAM	2020/21-1	Wet	12/28/2020 1:01:00 PM	1/4/2021 3:33:00 PM	Cadmium	Total	=	0.48	µg/L	EPA 200.8	0.042	0.2	WKL	
MO-CAM	2020/21-1	Wet	12/28/2020 1:01:00 PM	1/4/2021 3:30:00 PM	Chromium	Dissolved	=	0.8	µg/L	EPA 200.8	0.089	0.2	WKL	
MO-CAM	2020/21-1	Wet	12/28/2020 1:01:00 PM	1/4/2021 3:33:00 PM	Chromium	Total	=	7.7	µg/L	EPA 200.8	0.089	0.2	WKL	
MO-CAM	2020/21-1	Wet	12/28/2020 1:01:00 PM	12/30/2020 2:59:00 PM	Chromium VI	n/a	=	0.28	µg/L	EPA 218.6	0.0079	0.02	WKL	
MO-CAM	2020/21-1	Wet	12/28/2020 1:01:00 PM	1/4/2021 3:30:00 PM	Copper	Dissolved	=	12	µg/L	EPA 200.8	0.23	0.5	WKL	
MO-CAM	2020/21-1	Wet	12/28/2020 1:01:00 PM	1/4/2021 3:33:00 PM	Copper	Total	=	41	µg/L	EPA 200.8	0.23	0.5	WKL	
MO-CAM	2020/21-1	Wet	12/28/2020 1:01:00 PM	1/4/2021 3:30:00 PM	Iron	Dissolved	=	88	µg/L	EPA 200.8	3.9	20	WKL	
MO-CAM	2020/21-1	Wet	12/28/2020 1:01:00 PM	1/4/2021 3:33:00 PM	Iron	Total	=	4700	µg/L	EPA 200.8	3.9	20	WKL	
MO-CAM	2020/21-1	Wet	12/28/2020 1:01:00 PM	1/4/2021 3:30:00 PM	Lead	Dissolved	=	0.38	µg/L	EPA 200.8	0.083	0.2	WKL	
MO-CAM	2020/21-1	Wet	12/28/2020 1:01:00 PM	1/4/2021 3:33:00 PM	Lead	Total	=	8.6	µg/L	EPA 200.8	0.083	0.2	WKL	
MO-CAM	2020/21-1	Wet	12/28/2020 1:01:00 PM	1/5/2021 2:00:00 PM	Mercury	Dissolved	<	17	ng/L	EPA 245.1	17	50	WKL	
MO-CAM	2020/21-1	Wet	12/28/2020 1:01:00 PM	1/5/2021 2:02:00 PM	Mercury	Total	DNQ	21	ng/L	EPA 245.1	17	50	WKL	
MO-CAM	2020/21-1	Wet	12/28/2020 1:01:00 PM	1/4/2021 3:30:00 PM	Nickel	Dissolved	=	5.5	µg/L	EPA 200.8	0.16	2	WKL	
MO-CAM	2020/21-1	Wet	12/28/2020 1:01:00 PM	1/4/2021 3:33:00 PM	Nickel	Total	=	15	µg/L	EPA 200.8	0.16	2	WKL	
MO-CAM	2020/21-1	Wet	12/28/2020 1:01:00 PM	1/4/2021 3:30:00 PM	Selenium	Dissolved	DNQ	0.23	µg/L	EPA 200.8	0.067	0.4	WKL	
MO-CAM	2020/21-1	Wet	12/28/2020 1:01:00 PM	1/4/2021 3:33:00 PM	Selenium	Total	DNQ	0.39	µg/L	EPA 200.8	0.067	0.4	WKL	
MO-CAM	2020/21-1	Wet	12/28/2020 1:01:00 PM	1/4/2021 3:30:00 PM	Silver	Dissolved	<	0.03	µg/L	EPA 200.8	0.03	0.2	WKL	
MO-CAM	2020/21-1	Wet	12/28/2020 1:01:00 PM	1/4/2021 3:33:00 PM	Silver	Total	DNQ	0.084	µg/L	EPA 200.8	0.03	0.2	WKL	
MO-CAM	2020/21-1	Wet	12/28/2020 1:01:00 PM	1/4/2021 3:30:00 PM	Thallium	Dissolved	<	0.021	µg/L	EPA 200.8	0.021	0.2	WKL	
MO-CAM	2020/21-1	Wet	12/28/2020 1:01:00 PM	1/4/2021 3:33:00 PM	Thallium	Total	DNQ	0.052	µg/L	EPA 200.8	0.021	0.2	WKL	
MO-CAM	2020/21-1	Wet	12/28/2020 1:01:00 PM	1/4/2021 3:30:00 PM	Zinc	Dissolved	=	100	µg/L	EPA 200.8	0.8	10	WKL	
MO-CAM	2020/21-1	Wet	12/28/2020 1:01:00 PM	1/4/2021 3:33:00 PM	Zinc	Total	=	250	µg/L	EPA 200.8	0.8	10	WKL	
MO-CAM	2020/21-1	Wet	12/28/2020 1:01:00 PM	12/29/2020 5:47:00 PM	Ammonia as N	n/a	=	1.1	mg/L	EPA 350.1	0.047	0.1	WKL	
MO-CAM	2020/21-1	Wet	12/28/2020 1:01:00 PM	12/29/2020 12:40:00 PM	Nitrate + Nitrite as N	n/a	=	1.4	mg/L	EPA 353.2	0.036	0.2	WKL	
MO-CAM	2020/21-1	Wet	12/28/2020 1:01:00 PM	1/2/2021 11:47:00 AM	Phosphorus as P	Dissolved	=	0.2	mg/L	EPA 200.7	0.012	0.02	WKL	
MO-CAM	2020/21-1	Wet	12/28/2020 1:01:00 PM	1/2/2021 11:50:00 AM	Phosphorus as P	Total	=	0.91	mg/L	EPA 200.7	0.012	0.02	WKL	
MO-CAM	2020/21-1	Wet	12/28/2020 1:01:00 PM	12/31/2020 1:26:00 PM	TKN	n/a	=	4.8	mg/L	EPA 351.2	0.26	0.4	WKL	
MO-CAM	2020/21-1	Wet	12/28/2020 1:01:00 PM	2/2/2021 8:59:00 PM	1,2,4-Trichlorobenzene	n/a	<	4.9	µg/L	EPA 625.1	4.9	10	WKL	
MO-CAM	2020/21-1	Wet	12/28/2020 1:01:00 PM	2/2/2021 8:59:00 PM	1,2-Dichlorobenzene	n/a	<	4.6	µg/L	EPA 625.1	4.6	10	WKL	
MO-CAM	2020/21-1	Wet	12/28/2020 1:01:00 PM	2/2/2021 8:59:00 PM	1,2-Diphenylhydrazine	n/a	<	3	µg/L	EPA 625.1	3	10	WKL	
MO-CAM	2020/21-1	Wet	12/28/2020 1:01:00 PM	2/2/2021 8:59:00 PM	1,3-Dichlorobenzene	n/a	<	4.2	µg/L	EPA 625.1	4.2	10	WKL	
MO-CAM	2020/21-1	Wet	12/28/2020 1:01:00 PM	2/2/2021 8:59:00 PM	1,4-Dichlorobenzene	n/a	<	4.8	µg/L	EPA 625.1	4.8	10	WKL	
MO-CAM	2020/21-1	Wet	12/28/2020 1:01:00 PM	1/30/2021 7:34:00 PM	1-Methylnaphthalene	n/a	<	0.24	µg/L	EPA 8270C	0.24	1	WKL	
MO-CAM	2020/21-1	Wet	12/28/2020 1:01:00 PM	2/2/2021 1:10:00 AM	2,4,5-Trichlorophenol	n/a	<	2.9	µg/L	EPA 8270C	2.9	10	WKL	
MO-CAM	2020/21-1	Wet	12/28/2020 1:01:00 PM	2/2/2021 8:59:00 PM	2,4,6-Trichlorophenol	n/a	<	2.2	µg/L	EPA 625.1	2.2	10	WKL	
MO-CAM	2020/21-1	Wet	12/28/2020 1:01:00 PM	2/2/2021 1:10:00 AM	2,4,6-Trichlorophenol	n/a	<	3	µg/L	EPA 8270C	3	10	WKL	
MO-CAM	2020/21-1	Wet	12/28/2020 1:01:00 PM	2/2/2021 8:59:00 PM	2,4-Dichlorophenol	n/a	<	2.6	µg/L	EPA 625.1	2.6	10	WKL	
MO-CAM	2020/21-1	Wet	12/28/2020 1:01:00 PM	2/2/2021 1:10:00 AM	2,4-Dichlorophenol	n/a	<	5.1	µg/L	EPA 8270C	5.1	10	WKL	
MO-CAM	2020/21-1	Wet	12/28/2020 1:01:00 PM	2/2/2021 8:59:00 PM	2,4-Dimethylphenol	n/a	<	3	µg/L	EPA 625.1	3	10	WKL	
MO-CAM	2020/21-1	Wet	12/28/2020 1:01:00 PM	2/2/2021 1:10:00 AM	2,4-Dimethylphenol	n/a	<	10	µg/L	EPA 8270C	10	20	WKL	LB-LCSR
MO-CAM	2020/21-1	Wet	12/28/2020 1:01:00 PM	2/2/2021 1:10:00 AM	2,4-Dinitrophenol	n/a	<	10	µg/L	EPA 8270C	10	20	WKL	
MO-CAM	2020/21-1	Wet	12/28/2020 1:01:00 PM	2/2/2021 8:59:00 PM	2,4-Dinitrophenol	n/a	<	19	µg/L	EPA 625.1	19	100	WKL	
MO-CAM	2020/21-1	Wet	12/28/2020 1:01:00 PM	2/2/2021 8:59:00 PM	2,4-Dinitrotoluene	n/a	<	1.8	µg/L	EPA 625.1	1.8	10	WKL	
MO-CAM	2020/21-1	Wet	12/28/2020 1:01:00 PM	2/2/2021 8:59:00 PM	2,6-Dinitrotoluene	n/a	<	2.7	µg/L	EPA 625.1	2.7	10	WKL	
MO-CAM	2020/21-1	Wet	12/28/2020 1:01:00 PM	2/2/2021 8:59:00 PM	2-Chloronaphthalene	n/a	<	4.5	µg/L	EPA 625.1	4.5	10	WKL	
MO-CAM	2020/21-1	Wet	12/28/2020 1:01:00 PM	2/2/2021 1:10:00 AM	2-Chlorophenol	n/a	<	6.5	µg/L	EPA 8270C	6.5	10	WKL	
MO-CAM	2020/21-1	Wet	12/28/2020 1:01:00 PM	2/2/2021 8:59:00 PM	2-Chlorophenol	n/a	<	2.8	µg/L	EPA 625.1	2.8	10	WKL	
MO-CAM	2020/21-1	Wet	12/28/2020 1:01:00 PM	1/30/2021 7:34:00 PM	2-Methylnaphthalene	n/a	<	0.26	µg/L	EPA 8270C	0.26	1	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-CAM	2020/21-1	Wet	12/28/2020 1:01:00 PM	2/2/2021 1:10:00 AM	2-Methylphenol	n/a	<	3.4	µg/L	EPA 8270C	3.4	10	WKL	
MO-CAM	2020/21-1	Wet	12/28/2020 1:01:00 PM	2/2/2021 8:59:00 PM	2-Nitrophenol	n/a	<	2.6	µg/L	EPA 625.1	2.6	10	WKL	
MO-CAM	2020/21-1	Wet	12/28/2020 1:01:00 PM	2/2/2021 1:10:00 AM	2-Nitrophenol	n/a	<	7.1	µg/L	EPA 8270C	7.1	10	WKL	
MO-CAM	2020/21-1	Wet	12/28/2020 1:01:00 PM	2/2/2021 8:59:00 PM	3,3'-Dichlorobenzidine	n/a	<	9.9	µg/L	EPA 625.1	9.9	50	WKL	
MO-CAM	2020/21-1	Wet	12/28/2020 1:01:00 PM	2/2/2021 1:10:00 AM	3-/4-Methylphenol	n/a	<	3	µg/L	EPA 8270C	3	10	WKL	
MO-CAM	2020/21-1	Wet	12/28/2020 1:01:00 PM	2/2/2021 1:10:00 AM	4,6-Dinitro-2-methylphenol	n/a	<	1.4	µg/L	EPA 8270C	1.4	10	WKL	
MO-CAM	2020/21-1	Wet	12/28/2020 1:01:00 PM	2/2/2021 8:59:00 PM	4,6-Dinitro-2-methylphenol	n/a	<	14	µg/L	EPA 625.1	14	50	WKL	
MO-CAM	2020/21-1	Wet	12/28/2020 1:01:00 PM	2/2/2021 8:59:00 PM	4-Bromophenyl phenyl ether	n/a	<	3.6	µg/L	EPA 625.1	3.6	10	WKL	
MO-CAM	2020/21-1	Wet	12/28/2020 1:01:00 PM	2/2/2021 1:10:00 AM	4-Chloro-3-methylphenol	n/a	<	3.7	µg/L	EPA 8270C	3.7	10	WKL	
MO-CAM	2020/21-1	Wet	12/28/2020 1:01:00 PM	2/2/2021 8:59:00 PM	4-Chloro-3-methylphenol	n/a	<	2.3	µg/L	EPA 625.1	2.3	10	WKL	
MO-CAM	2020/21-1	Wet	12/28/2020 1:01:00 PM	2/2/2021 8:59:00 PM	4-Chlorophenyl phenyl ether	n/a	<	4.1	µg/L	EPA 625.1	4.1	10	WKL	
MO-CAM	2020/21-1	Wet	12/28/2020 1:01:00 PM	2/2/2021 8:59:00 PM	4-Nitrophenol	n/a	<	12	µg/L	EPA 625.1	12	50	WKL	
MO-CAM	2020/21-1	Wet	12/28/2020 1:01:00 PM	2/2/2021 1:10:00 AM	4-Nitrophenol	n/a	<	10	µg/L	EPA 8270C	10	20	WKL	
MO-CAM	2020/21-1	Wet	12/28/2020 1:01:00 PM	2/2/2021 8:59:00 PM	Acenaphthene	n/a	<	3.8	µg/L	EPA 625.1	3.8	10	WKL	
MO-CAM	2020/21-1	Wet	12/28/2020 1:01:00 PM	1/30/2021 7:34:00 PM	Acenaphthene	n/a	<	0.28	µg/L	EPA 8270C	0.28	1	WKL	
MO-CAM	2020/21-1	Wet	12/28/2020 1:01:00 PM	2/2/2021 8:59:00 PM	Acenaphthylene	n/a	<	1.7	µg/L	EPA 625.1	1.7	10	WKL	
MO-CAM	2020/21-1	Wet	12/28/2020 1:01:00 PM	1/30/2021 7:34:00 PM	Acenaphthylene	n/a	<	0.33	µg/L	EPA 8270C	0.33	1	WKL	
MO-CAM	2020/21-1	Wet	12/28/2020 1:01:00 PM	1/30/2021 7:34:00 PM	Anthracene	n/a	<	0.25	µg/L	EPA 8270C	0.25	1	WKL	
MO-CAM	2020/21-1	Wet	12/28/2020 1:01:00 PM	2/2/2021 8:59:00 PM	Anthracene	n/a	<	1.2	µg/L	EPA 625.1	1.2	10	WKL	
MO-CAM	2020/21-1	Wet	12/28/2020 1:01:00 PM	1/30/2021 7:34:00 PM	Benz(a)anthracene	n/a	<	0.51	µg/L	EPA 8270C	0.51	1	WKL	
MO-CAM	2020/21-1	Wet	12/28/2020 1:01:00 PM	2/2/2021 8:59:00 PM	Benz(a)anthracene	n/a	<	1.9	µg/L	EPA 625.1	1.9	10	WKL	
MO-CAM	2020/21-1	Wet	12/28/2020 1:01:00 PM	2/2/2021 8:59:00 PM	Benzidine	n/a	<	14	µg/L	EPA 625.1	14	100	WKL	
MO-CAM	2020/21-1	Wet	12/28/2020 1:01:00 PM	1/16/2021 2:04:00 AM	Benzo(a)pyrene	n/a	DNQ	1.3	µg/L	EPA 525.2	0.4	2	WKL	UL-MB
MO-CAM	2020/21-1	Wet	12/28/2020 1:01:00 PM	2/2/2021 8:59:00 PM	Benzo(a)pyrene	n/a	<	3.9	µg/L	EPA 625.1	3.9	10	WKL	
MO-CAM	2020/21-1	Wet	12/28/2020 1:01:00 PM	1/30/2021 7:34:00 PM	Benzo(a)pyrene	n/a	<	0.51	µg/L	EPA 8270C	0.51	1	WKL	
MO-CAM	2020/21-1	Wet	12/28/2020 1:01:00 PM	1/30/2021 7:34:00 PM	Benzo(b)fluoranthene	n/a	<	0.27	µg/L	EPA 8270C	0.27	1	WKL	
MO-CAM	2020/21-1	Wet	12/28/2020 1:01:00 PM	2/2/2021 8:59:00 PM	Benzo(b)fluoranthene	n/a	<	4.6	µg/L	EPA 625.1	4.6	10	WKL	
MO-CAM	2020/21-1	Wet	12/28/2020 1:01:00 PM	2/2/2021 8:59:00 PM	Benzo(g,h,i)perylene	n/a	<	4.2	µg/L	EPA 625.1	4.2	20	WKL	
MO-CAM	2020/21-1	Wet	12/28/2020 1:01:00 PM	1/30/2021 7:34:00 PM	Benzo(g,h,i)perylene	n/a	<	0.5	µg/L	EPA 8270C	0.5	1	WKL	
MO-CAM	2020/21-1	Wet	12/28/2020 1:01:00 PM	1/30/2021 7:34:00 PM	Benzo(k)fluoranthene	n/a	<	0.26	µg/L	EPA 8270C	0.26	1	WKL	
MO-CAM	2020/21-1	Wet	12/28/2020 1:01:00 PM	2/2/2021 8:59:00 PM	Benzo(k)fluoranthene	n/a	<	2.2	µg/L	EPA 625.1	2.2	10	WKL	
MO-CAM	2020/21-1	Wet	12/28/2020 1:01:00 PM	2/2/2021 8:59:00 PM	Bis(2-chloroethoxy)methane	n/a	<	2.5	µg/L	EPA 625.1	2.5	10	WKL	
MO-CAM	2020/21-1	Wet	12/28/2020 1:01:00 PM	2/2/2021 8:59:00 PM	Bis(2-chloroethyl)ether	n/a	<	2.7	µg/L	EPA 625.1	2.7	10	WKL	
MO-CAM	2020/21-1	Wet	12/28/2020 1:01:00 PM	2/2/2021 8:59:00 PM	Bis(2-chloroisopropyl)ether	n/a	<	3.8	µg/L	EPA 625.1	3.8	10	WKL	
MO-CAM	2020/21-1	Wet	12/28/2020 1:01:00 PM	1/16/2021 2:04:00 AM	Bis(2-ethylhexyl)adipate	n/a	DNQ	6.6	µg/L	EPA 525.2	2.4	100	WKL	UL-MB
MO-CAM	2020/21-1	Wet	12/28/2020 1:01:00 PM	1/16/2021 2:04:00 AM	Bis(2-ethylhexyl)phthalate	n/a	DNQ	11	µg/L	EPA 525.2	8.2	60	WKL	
MO-CAM	2020/21-1	Wet	12/28/2020 1:01:00 PM	2/2/2021 8:59:00 PM	Bis(2-ethylhexyl)phthalate	n/a	=	52	µg/L	EPA 625.1	23	50	WKL	
MO-CAM	2020/21-1	Wet	12/28/2020 1:01:00 PM	2/2/2021 8:59:00 PM	Butyl benzyl phthalate	n/a	<	1.8	µg/L	EPA 625.1	1.8	10	WKL	
MO-CAM	2020/21-1	Wet	12/28/2020 1:01:00 PM	2/2/2021 8:59:00 PM	Chrysene	n/a	<	1.9	µg/L	EPA 625.1	1.9	10	WKL	
MO-CAM	2020/21-1	Wet	12/28/2020 1:01:00 PM	1/30/2021 7:34:00 PM	Chrysene	n/a	<	0.32	µg/L	EPA 8270C	0.32	1	WKL	
MO-CAM	2020/21-1	Wet	12/28/2020 1:01:00 PM	2/2/2021 8:59:00 PM	Dibenz(a,h)anthracene	n/a	<	5.3	µg/L	EPA 625.1	5.3	20	WKL	
MO-CAM	2020/21-1	Wet	12/28/2020 1:01:00 PM	1/30/2021 7:34:00 PM	Dibenz(a,h)anthracene	n/a	<	0.96	µg/L	EPA 8270C	0.96	1	WKL	
MO-CAM	2020/21-1	Wet	12/28/2020 1:01:00 PM	2/2/2021 8:59:00 PM	Diethyl phthalate	n/a	<	1.5	µg/L	EPA 625.1	1.5	10	WKL	
MO-CAM	2020/21-1	Wet	12/28/2020 1:01:00 PM	2/2/2021 8:59:00 PM	Dimethyl phthalate	n/a	<	1.8	µg/L	EPA 625.1	1.8	10	WKL	
MO-CAM	2020/21-1	Wet	12/28/2020 1:01:00 PM	2/2/2021 8:59:00 PM	Di-n-butylphthalate	n/a	<	1	µg/L	EPA 625.1	1	10	WKL	
MO-CAM	2020/21-1	Wet	12/28/2020 1:01:00 PM	2/2/2021 8:59:00 PM	Di-n-octylphthalate	n/a	<	4.6	µg/L	EPA 625.1	4.6	10	WKL	
MO-CAM	2020/21-1	Wet	12/28/2020 1:01:00 PM	2/2/2021 8:59:00 PM	Fluoranthene	n/a	<	0.8	µg/L	EPA 625.1	0.8	10	WKL	
MO-CAM	2020/21-1	Wet	12/28/2020 1:01:00 PM	1/30/2021 7:34:00 PM	Fluoranthene	n/a	<	0.39	µg/L	EPA 8270C	0.39	1	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-CAM	2020/21-1	Wet	12/28/2020 1:01:00 PM	2/2/2021 8:59:00 PM	Fluorene	n/a	<	3.5	µg/L	EPA 625.1	3.5	10	WKL	
MO-CAM	2020/21-1	Wet	12/28/2020 1:01:00 PM	1/30/2021 7:34:00 PM	Fluorene	n/a	<	0.29	µg/L	EPA 8270C	0.29	1	WKL	
MO-CAM	2020/21-1	Wet	12/28/2020 1:01:00 PM	2/2/2021 8:59:00 PM	Hexachlorobenzene	n/a	<	4.9	µg/L	EPA 625.1	4.9	10	WKL	
MO-CAM	2020/21-1	Wet	12/28/2020 1:01:00 PM	2/2/2021 8:59:00 PM	Hexachlorobutadiene	n/a	<	4.7	µg/L	EPA 625.1	4.7	10	WKL	
MO-CAM	2020/21-1	Wet	12/28/2020 1:01:00 PM	2/2/2021 8:59:00 PM	Hexachlorocyclopentadiene	n/a	<	9.8	µg/L	EPA 625.1	9.8	50	WKL	
MO-CAM	2020/21-1	Wet	12/28/2020 1:01:00 PM	2/2/2021 8:59:00 PM	Hexachloroethane	n/a	<	5	µg/L	EPA 625.1	5	10	WKL	
MO-CAM	2020/21-1	Wet	12/28/2020 1:01:00 PM	1/30/2021 7:34:00 PM	Indeno(1,2,3-cd)pyrene	n/a	<	0.65	µg/L	EPA 8270C	0.65	1	WKL	
MO-CAM	2020/21-1	Wet	12/28/2020 1:01:00 PM	2/2/2021 8:59:00 PM	Indeno(1,2,3-cd)pyrene	n/a	<	5.5	µg/L	EPA 625.1	5.5	20	WKL	
MO-CAM	2020/21-1	Wet	12/28/2020 1:01:00 PM	2/2/2021 8:59:00 PM	Isophorone	n/a	<	2.1	µg/L	EPA 625.1	2.1	10	WKL	
MO-CAM	2020/21-1	Wet	12/28/2020 1:01:00 PM	2/2/2021 8:59:00 PM	Naphthalene	n/a	<	4.9	µg/L	EPA 625.1	4.9	10	WKL	
MO-CAM	2020/21-1	Wet	12/28/2020 1:01:00 PM	1/30/2021 7:34:00 PM	Naphthalene	n/a	<	0.26	µg/L	EPA 8270C	0.26	1	WKL	
MO-CAM	2020/21-1	Wet	12/28/2020 1:01:00 PM	2/2/2021 8:59:00 PM	Nitrobenzene	n/a	<	3.6	µg/L	EPA 625.1	3.6	10	WKL	
MO-CAM	2020/21-1	Wet	12/28/2020 1:01:00 PM	2/2/2021 8:59:00 PM	N-Nitrosodimethylamine	n/a	<	5	µg/L	EPA 625.1	5	10	WKL	
MO-CAM	2020/21-1	Wet	12/28/2020 1:01:00 PM	2/2/2021 8:59:00 PM	N-Nitrosodi-N-propylamine	n/a	<	2.6	µg/L	EPA 625.1	2.6	10	WKL	
MO-CAM	2020/21-1	Wet	12/28/2020 1:01:00 PM	2/2/2021 8:59:00 PM	N-Nitrosodiphenylamine	n/a	<	1.9	µg/L	EPA 625.1	1.9	10	WKL	
MO-CAM	2020/21-1	Wet	12/28/2020 1:01:00 PM	1/30/2021 7:34:00 PM	Phenanthrene	n/a	<	0.29	µg/L	EPA 8270C	0.29	1	WKL	
MO-CAM	2020/21-1	Wet	12/28/2020 1:01:00 PM	2/2/2021 8:59:00 PM	Phenanthrene	n/a	<	3.2	µg/L	EPA 625.1	3.2	10	WKL	
MO-CAM	2020/21-1	Wet	12/28/2020 1:01:00 PM	2/2/2021 1:10:00 AM	Phenol	n/a	<	3.5	µg/L	EPA 8270C	3.5	10	WKL	
MO-CAM	2020/21-1	Wet	12/28/2020 1:01:00 PM	2/2/2021 8:59:00 PM	Phenol	n/a	<	1.6	µg/L	EPA 625.1	1.6	10	WKL	
MO-CAM	2020/21-1	Wet	12/28/2020 1:01:00 PM	1/30/2021 7:34:00 PM	Pyrene	n/a	<	0.4	µg/L	EPA 8270C	0.4	1	WKL	
MO-CAM	2020/21-1	Wet	12/28/2020 1:01:00 PM	2/2/2021 8:59:00 PM	Pyrene	n/a	<	2.5	µg/L	EPA 625.1	2.5	10	WKL	
MO-CAM	2020/21-1	Wet	12/28/2020 1:01:00 PM	1/14/2021 12:56:00 AM	PCB Aroclor 1016	n/a	<	10	µg/L	EPA 608.3	10	10	WKL	
MO-CAM	2020/21-1	Wet	12/28/2020 1:01:00 PM	1/14/2021 12:56:00 AM	PCB Aroclor 1221	n/a	<	10	µg/L	EPA 608.3	10	10	WKL	
MO-CAM	2020/21-1	Wet	12/28/2020 1:01:00 PM	1/14/2021 12:56:00 AM	PCB Aroclor 1232	n/a	<	10	µg/L	EPA 608.3	10	10	WKL	
MO-CAM	2020/21-1	Wet	12/28/2020 1:01:00 PM	1/14/2021 12:56:00 AM	PCB Aroclor 1242	n/a	<	10	µg/L	EPA 608.3	10	10	WKL	
MO-CAM	2020/21-1	Wet	12/28/2020 1:01:00 PM	1/14/2021 12:56:00 AM	PCB Aroclor 1248	n/a	<	10	µg/L	EPA 608.3	10	10	WKL	
MO-CAM	2020/21-1	Wet	12/28/2020 1:01:00 PM	1/14/2021 12:56:00 AM	PCB Aroclor 1254	n/a	<	10	µg/L	EPA 608.3	10	10	WKL	
MO-CAM	2020/21-1	Wet	12/28/2020 1:01:00 PM	1/14/2021 12:56:00 AM	PCB Aroclor 1260	n/a	<	10	µg/L	EPA 608.3	10	10	WKL	
MO-CAM	2020/21-1	Wet	12/28/2020 1:01:00 PM	1/8/2021 10:39:00 AM	2,4,5-T	n/a	<	0.55	µg/L	EPA 515.4	0.55	2	WKL	
MO-CAM	2020/21-1	Wet	12/28/2020 1:01:00 PM	1/8/2021 10:39:00 AM	2,4,5-TP	n/a	<	0.46	µg/L	EPA 515.4	0.46	2	WKL	
MO-CAM	2020/21-1	Wet	12/28/2020 1:01:00 PM	1/8/2021 10:39:00 AM	2,4-D	n/a	<	1.4	µg/L	EPA 515.4	1.4	4	WKL	
MO-CAM	2020/21-1	Wet	12/28/2020 1:01:00 PM	1/8/2021 10:39:00 AM	2,4-DB	n/a	<	1.9	µg/L	EPA 515.4	1.9	20	WKL	
MO-CAM	2020/21-1	Wet	12/28/2020 1:01:00 PM	1/8/2021 10:39:00 AM	3,5-Dichlorobenzoic acid	n/a	<	1.2	µg/L	EPA 515.4	1.2	10	WKL	
MO-CAM	2020/21-1	Wet	12/28/2020 1:01:00 PM	1/14/2021 12:56:00 AM	4,4'-DDD	n/a	<	0.014	µg/L	EPA 608.3	0.014	1	WKL	
MO-CAM	2020/21-1	Wet	12/28/2020 1:01:00 PM	1/14/2021 12:56:00 AM	4,4'-DDE	n/a	<	0.1	µg/L	EPA 608.3	0.1	1	WKL	
MO-CAM	2020/21-1	Wet	12/28/2020 1:01:00 PM	1/14/2021 12:56:00 AM	4,4'-DDT	n/a	<	0.022	µg/L	EPA 608.3	0.022	0.2	WKL	
MO-CAM	2020/21-1	Wet	12/28/2020 1:01:00 PM	1/8/2021 10:39:00 AM	Acifluorfen	n/a	<	0.72	µg/L	EPA 515.4	0.72	4	WKL	
MO-CAM	2020/21-1	Wet	12/28/2020 1:01:00 PM	1/16/2021 2:04:00 AM	Alachlor	n/a	<	0.6	µg/L	EPA 525.2	0.6	2	WKL	
MO-CAM	2020/21-1	Wet	12/28/2020 1:01:00 PM	1/14/2021 12:56:00 AM	Aldrin	n/a	<	0.02	µg/L	EPA 608.3	0.02	0.1	WKL	
MO-CAM	2020/21-1	Wet	12/28/2020 1:01:00 PM	1/14/2021 12:56:00 AM	alpha-BHC	n/a	<	0.022	µg/L	EPA 608.3	0.022	0.2	WKL	
MO-CAM	2020/21-1	Wet	12/28/2020 1:01:00 PM	1/14/2021 12:56:00 AM	alpha-Chlordane	n/a	<	0.058	µg/L	EPA 608.3	0.058	0.2	WKL	
MO-CAM	2020/21-1	Wet	12/28/2020 1:01:00 PM	1/16/2021 2:04:00 AM	Atrazine	n/a	<	0.6	µg/L	EPA 525.2	0.6	2	WKL	
MO-CAM	2020/21-1	Wet	12/28/2020 1:01:00 PM	1/20/2021 1:19:00 AM	Azinphos methyl	n/a	<	0.28	µg/L	EPA 625.1m	0.28	0.5	WKL	
MO-CAM	2020/21-1	Wet	12/28/2020 1:01:00 PM	1/8/2021 10:39:00 AM	Bentazon	n/a	<	2.3	µg/L	EPA 515.4	2.3	20	WKL	
MO-CAM	2020/21-1	Wet	12/28/2020 1:01:00 PM	1/14/2021 12:56:00 AM	beta-BHC	n/a	<	0.03	µg/L	EPA 608.3	0.03	0.1	WKL	
MO-CAM	2020/21-1	Wet	12/28/2020 1:01:00 PM	1/20/2021 1:19:00 AM	Bolstar	n/a	<	0.23	µg/L	EPA 625.1m	0.23	0.5	WKL	
MO-CAM	2020/21-1	Wet	12/28/2020 1:01:00 PM	1/16/2021 2:04:00 AM	Bromacil	n/a	DNQ	7.4	µg/L	EPA 525.2	3.2	10	WKL	
MO-CAM	2020/21-1	Wet	12/28/2020 1:01:00 PM	1/16/2021 2:04:00 AM	Butachlor	n/a	<	0.6	µg/L	EPA 525.2	0.6	2	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-CAM	2020/21-1	Wet	12/28/2020 1:01:00 PM	1/16/2021 2:04:00 AM	Captan	n/a	<	3.2	µg/L	EPA 525.2	3.2	20	WKL	
MO-CAM	2020/21-1	Wet	12/28/2020 1:01:00 PM	1/14/2021 12:56:00 AM	Chlordane (technical)	n/a	<	2	µg/L	EPA 608.3	2	2	WKL	
MO-CAM	2020/21-1	Wet	12/28/2020 1:01:00 PM	1/16/2021 2:04:00 AM	Chlorpropham	n/a	<	0.8	µg/L	EPA 525.2	0.8	2	WKL	
MO-CAM	2020/21-1	Wet	12/28/2020 1:01:00 PM	1/20/2021 1:19:00 AM	Chlorpyrifos	n/a	<	0.34	µg/L	EPA 625.1m	0.34	0.5	WKL	
MO-CAM	2020/21-1	Wet	12/28/2020 1:01:00 PM	1/20/2021 1:19:00 AM	Coumaphos	n/a	<	0.26	µg/L	EPA 625.1m	0.26	0.5	WKL	
MO-CAM	2020/21-1	Wet	12/28/2020 1:01:00 PM	1/16/2021 2:04:00 AM	Cyanazine	n/a	<	0.8	µg/L	EPA 525.2	0.8	2	WKL	
MO-CAM	2020/21-1	Wet	12/28/2020 1:01:00 PM	1/8/2021 10:39:00 AM	Dalapon	n/a	<	1.1	µg/L	EPA 515.4	1.1	4	WKL	
MO-CAM	2020/21-1	Wet	12/28/2020 1:01:00 PM	1/8/2021 10:39:00 AM	DCPA (Dacthal)	n/a	<	0.53	µg/L	EPA 515.4	0.53	1	WKL	
MO-CAM	2020/21-1	Wet	12/28/2020 1:01:00 PM	1/14/2021 12:56:00 AM	delta-BHC	n/a	<	0.1	µg/L	EPA 608.3	0.1	0.1	WKL	
MO-CAM	2020/21-1	Wet	12/28/2020 1:01:00 PM	1/20/2021 1:19:00 AM	Demeton-O	n/a	<	0.5	µg/L	EPA 625.1m	0.5	0.5	WKL	-LCSRPD, LB-L
MO-CAM	2020/21-1	Wet	12/28/2020 1:01:00 PM	1/20/2021 1:19:00 AM	Demeton-S	n/a	<	0.5	µg/L	EPA 625.1m	0.5	0.5	WKL	
MO-CAM	2020/21-1	Wet	12/28/2020 1:01:00 PM	1/20/2021 1:19:00 AM	Diazinon	n/a	<	0.26	µg/L	EPA 625.1m	0.26	0.5	WKL	EST-LCSRPD
MO-CAM	2020/21-1	Wet	12/28/2020 1:01:00 PM	1/16/2021 2:04:00 AM	Diazinon	n/a	<	1	µg/L	EPA 525.2	1	2	WKL	
MO-CAM	2020/21-1	Wet	12/28/2020 1:01:00 PM	1/8/2021 10:39:00 AM	Dicamba	n/a	<	0.75	µg/L	EPA 515.4	0.75	6	WKL	
MO-CAM	2020/21-1	Wet	12/28/2020 1:01:00 PM	1/8/2021 10:39:00 AM	Dichlorprop	n/a	<	1.2	µg/L	EPA 515.4	1.2	3	WKL	
MO-CAM	2020/21-1	Wet	12/28/2020 1:01:00 PM	1/20/2021 1:19:00 AM	Dichlorvos	n/a	<	0.14	µg/L	EPA 625.1m	0.14	0.5	WKL	
MO-CAM	2020/21-1	Wet	12/28/2020 1:01:00 PM	1/14/2021 12:56:00 AM	Dieldrin	n/a	<	0.1	µg/L	EPA 608.3	0.1	0.2	WKL	
MO-CAM	2020/21-1	Wet	12/28/2020 1:01:00 PM	1/16/2021 2:04:00 AM	Dimethoate	n/a	<	0.4	µg/L	EPA 525.2	0.4	4	WKL	LB-LCSR
MO-CAM	2020/21-1	Wet	12/28/2020 1:01:00 PM	1/20/2021 1:19:00 AM	Dimethoate	n/a	<	0.31	µg/L	EPA 625.1m	0.31	0.5	WKL	
MO-CAM	2020/21-1	Wet	12/28/2020 1:01:00 PM	1/8/2021 10:39:00 AM	Dinoseb	n/a	<	0.55	µg/L	EPA 515.4	0.55	4	WKL	
MO-CAM	2020/21-1	Wet	12/28/2020 1:01:00 PM	1/16/2021 2:04:00 AM	Diphenamid	n/a	<	0.6	µg/L	EPA 525.2	0.6	2	WKL	
MO-CAM	2020/21-1	Wet	12/28/2020 1:01:00 PM	1/16/2021 2:04:00 AM	Disulfoton	n/a	<	0.8	µg/L	EPA 525.2	0.8	2	WKL	
MO-CAM	2020/21-1	Wet	12/28/2020 1:01:00 PM	1/20/2021 1:19:00 AM	Disulfoton	n/a	<	0.5	µg/L	EPA 625.1m	0.5	0.5	WKL	
MO-CAM	2020/21-1	Wet	12/28/2020 1:01:00 PM	1/14/2021 12:56:00 AM	Endosulfan I	n/a	<	0.018	µg/L	EPA 608.3	0.018	0.4	WKL	
MO-CAM	2020/21-1	Wet	12/28/2020 1:01:00 PM	1/14/2021 12:56:00 AM	Endosulfan II	n/a	<	0.014	µg/L	EPA 608.3	0.014	0.2	WKL	
MO-CAM	2020/21-1	Wet	12/28/2020 1:01:00 PM	1/14/2021 12:56:00 AM	Endosulfan sulfate	n/a	<	0.026	µg/L	EPA 608.3	0.026	1	WKL	
MO-CAM	2020/21-1	Wet	12/28/2020 1:01:00 PM	1/14/2021 12:56:00 AM	Endrin	n/a	<	0.034	µg/L	EPA 608.3	0.034	0.2	WKL	
MO-CAM	2020/21-1	Wet	12/28/2020 1:01:00 PM	1/14/2021 12:56:00 AM	Endrin aldehyde	n/a	<	0.038	µg/L	EPA 608.3	0.038	0.2	WKL	
MO-CAM	2020/21-1	Wet	12/28/2020 1:01:00 PM	1/16/2021 2:04:00 AM	EPTC	n/a	<	0.4	µg/L	EPA 525.2	0.4	2	WKL	
MO-CAM	2020/21-1	Wet	12/28/2020 1:01:00 PM	1/20/2021 1:19:00 AM	Ethoprop	n/a	<	0.34	µg/L	EPA 625.1m	0.34	0.5	WKL	
MO-CAM	2020/21-1	Wet	12/28/2020 1:01:00 PM	1/20/2021 1:19:00 AM	Ethyl parathion	n/a	<	0.27	µg/L	EPA 625.1m	0.27	0.5	WKL	EST-LCSRPD
MO-CAM	2020/21-1	Wet	12/28/2020 1:01:00 PM	1/20/2021 1:19:00 AM	Fensulfthion	n/a	<	0.14	µg/L	EPA 625.1m	0.14	0.5	WKL	
MO-CAM	2020/21-1	Wet	12/28/2020 1:01:00 PM	1/20/2021 1:19:00 AM	Fenthion	n/a	<	0.19	µg/L	EPA 625.1m	0.19	0.5	WKL	
MO-CAM	2020/21-1	Wet	12/28/2020 1:01:00 PM	1/14/2021 12:56:00 AM	gamma-BHC (Lindane)	n/a	<	0.008	µg/L	EPA 608.3	0.008	0.4	WKL	
MO-CAM	2020/21-1	Wet	12/28/2020 1:01:00 PM	1/14/2021 12:56:00 AM	gamma-Chlordane	n/a	<	0.046	µg/L	EPA 608.3	0.046	0.2	WKL	
MO-CAM	2020/21-1	Wet	12/28/2020 1:01:00 PM	12/30/2020 11:18:00 AM	Glyphosate	n/a	=	9.4	µg/L	EPA 547	1.8	5	WKL	
MO-CAM	2020/21-1	Wet	12/28/2020 1:01:00 PM	1/14/2021 12:56:00 AM	Heptachlor	n/a	<	0.012	µg/L	EPA 608.3	0.012	0.2	WKL	
MO-CAM	2020/21-1	Wet	12/28/2020 1:01:00 PM	1/14/2021 12:56:00 AM	Heptachlor epoxide	n/a	<	0.008	µg/L	EPA 608.3	0.008	0.2	WKL	
MO-CAM	2020/21-1	Wet	12/28/2020 1:01:00 PM	1/20/2021 1:19:00 AM	Malathion	n/a	<	0.38	µg/L	EPA 625.1m	0.38	0.5	WKL	
MO-CAM	2020/21-1	Wet	12/28/2020 1:01:00 PM	1/20/2021 1:19:00 AM	Merphos	n/a	<	0.29	µg/L	EPA 625.1m	0.29	0.5	WKL	
MO-CAM	2020/21-1	Wet	12/28/2020 1:01:00 PM	1/20/2021 1:19:00 AM	Methyl parathion	n/a	<	0.32	µg/L	EPA 625.1m	0.32	0.5	WKL	
MO-CAM	2020/21-1	Wet	12/28/2020 1:01:00 PM	1/16/2021 2:04:00 AM	Metolachlor	n/a	<	0.6	µg/L	EPA 525.2	0.6	2	WKL	
MO-CAM	2020/21-1	Wet	12/28/2020 1:01:00 PM	1/16/2021 2:04:00 AM	Metribuzin	n/a	<	0.6	µg/L	EPA 525.2	0.6	2	WKL	
MO-CAM	2020/21-1	Wet	12/28/2020 1:01:00 PM	1/20/2021 1:19:00 AM	Mevinphos	n/a	<	0.21	µg/L	EPA 625.1m	0.21	0.5	WKL	
MO-CAM	2020/21-1	Wet	12/28/2020 1:01:00 PM	1/16/2021 2:04:00 AM	Molinate	n/a	<	0.6	µg/L	EPA 525.2	0.6	2	WKL	
MO-CAM	2020/21-1	Wet	12/28/2020 1:01:00 PM	1/20/2021 1:19:00 AM	Naled	n/a	<	0.38	µg/L	EPA 625.1m	0.38	0.5	WKL	
MO-CAM	2020/21-1	Wet	12/28/2020 1:01:00 PM	2/2/2021 1:10:00 AM	Pentachlorophenol	n/a	<	1.5	µg/L	EPA 8270C	1.5	10	WKL	
MO-CAM	2020/21-1	Wet	12/28/2020 1:01:00 PM	2/2/2021 8:59:00 PM	Pentachlorophenol	n/a	<	4	µg/L	EPA 625.1	4	10	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-CAM	2020/21-1	Wet	12/28/2020 1:01:00 PM	1/8/2021 10:39:00 AM	Pentachlorophenol	n/a	<	0.46	µg/L	EPA 515.4	0.46	2	WKL	
MO-CAM	2020/21-1	Wet	12/28/2020 1:01:00 PM	1/20/2021 1:19:00 AM	Phorate	n/a	<	0.15	µg/L	EPA 625.1m	0.15	0.5	WKL	
MO-CAM	2020/21-1	Wet	12/28/2020 1:01:00 PM	1/8/2021 10:39:00 AM	Picloram	n/a	<	0.38	µg/L	EPA 515.4	0.38	6	WKL	
MO-CAM	2020/21-1	Wet	12/28/2020 1:01:00 PM	1/16/2021 2:04:00 AM	Prometon	n/a	<	0.2	µg/L	EPA 525.2	0.2	2	WKL	EST-LCSRPD
MO-CAM	2020/21-1	Wet	12/28/2020 1:01:00 PM	1/16/2021 2:04:00 AM	Prometryn	n/a	<	0.6	µg/L	EPA 525.2	0.6	2	WKL	EST-LCSRPD
MO-CAM	2020/21-1	Wet	12/28/2020 1:01:00 PM	1/20/2021 1:19:00 AM	Ronnel (Fenchlorphos)	n/a	<	0.2	µg/L	EPA 625.1m	0.2	0.5	WKL	
MO-CAM	2020/21-1	Wet	12/28/2020 1:01:00 PM	1/16/2021 2:04:00 AM	Simazine	n/a	<	0.4	µg/L	EPA 525.2	0.4	2	WKL	
MO-CAM	2020/21-1	Wet	12/28/2020 1:01:00 PM	1/20/2021 1:19:00 AM	Stirophos (Tetrachlorvinphos)	n/a	<	0.16	µg/L	EPA 625.1m	0.16	0.5	WKL	
MO-CAM	2020/21-1	Wet	12/28/2020 1:01:00 PM	1/16/2021 2:04:00 AM	Terbacil	n/a	<	1.8	µg/L	EPA 525.2	1.8	40	WKL	
MO-CAM	2020/21-1	Wet	12/28/2020 1:01:00 PM	1/16/2021 2:04:00 AM	Thiobencarb	n/a	<	0.6	µg/L	EPA 525.2	0.6	2	WKL	
MO-CAM	2020/21-1	Wet	12/28/2020 1:01:00 PM	1/20/2021 1:19:00 AM	Tokuthion	n/a	<	0.39	µg/L	EPA 625.1m	0.39	0.5	WKL	
MO-CAM	2020/21-1	Wet	12/28/2020 1:01:00 PM	1/14/2021 12:56:00 AM	Toxaphene	n/a	<	50	µg/L	EPA 608.3	50	50	WKL	
MO-CAM	2020/21-1	Wet	12/28/2020 1:01:00 PM	1/20/2021 1:19:00 AM	Trichloronate	n/a	<	0.34	µg/L	EPA 625.1m	0.34	0.5	WKL	
MO-CAM	2020/21-1	Wet	12/28/2020 1:01:00 PM	1/16/2021 2:04:00 AM	Trithion	n/a	<	0.4	µg/L	EPA 525.2	0.4	2	WKL	
MO-CAM	2020/21-2	Wet	1/28/2021 9:45:00 PM	1/28/2021 9:45:00 PM	Conductivity	n/a	=	81.8	µmhos/cm	Field Meter	-88	1	Field Crew	
MO-CAM	2020/21-2	Wet	1/28/2021 9:45:00 PM	2/9/2021 3:54:00 PM	Cyanide	Total	DNQ	0.0005	mg/L	ASTM D7511	0.0003	0.002	WKL	
MO-CAM	2020/21-2	Wet	1/28/2021 9:45:00 PM	1/28/2021 9:45:00 PM	DO	n/a	=	111.1	%	Field Meter	-88	0.1	Field Crew	
MO-CAM	2020/21-2	Wet	1/28/2021 9:45:00 PM	1/28/2021 9:45:00 PM	DO	n/a	=	10.16	mg/L	Field Meter	-88	0.3	Field Crew	
MO-CAM	2020/21-2	Wet	1/28/2021 9:45:00 PM	1/28/2021 9:45:00 PM	pH	n/a	=	7.43	pH Units	Field Meter	-88	0.01	Field Crew	
MO-CAM	2020/21-2	Wet	1/28/2021 9:45:00 PM	1/28/2021 9:45:00 PM	Salinity	n/a	=	100	mg/L	Field Meter	-88	100	Field Crew	
MO-CAM	2020/21-2	Wet	1/28/2021 9:45:00 PM	1/28/2021 9:45:00 PM	Specific Conductance	n/a	=	110.5	µmhos/cm	Field Meter	-88	1	Field Crew	
MO-CAM	2020/21-2	Wet	1/28/2021 9:45:00 PM	1/28/2021 9:45:00 PM	Temperature	n/a	=	11.4	°C	Field Meter	-88	0.1	Field Crew	
MO-CAM	2020/21-2	Wet	1/28/2021 9:45:00 PM	2/1/2021 12:15:00 AM	Gasoline Range Organics	n/a	<	0.065	mg/L	LUFT GC/MS	0.065	0.1	WKL	
MO-CAM	2020/21-2	Wet	1/28/2021 9:45:00 PM	2/17/2021 4:55:00 PM	Oil and Grease	n/a	DNQ	1.6	mg/L	EPA 1664B	0.7	5	WKL	
MO-CAM	2020/21-2	Wet	1/28/2021 9:45:00 PM	1/31/2021 1:35:00 PM	2-Chloroethyl vinyl ether	n/a	<	0.19	µg/L	EPA 624.1	0.19	1	WKL	
MO-CAM	2020/21-2	Wet	1/28/2021 9:45:00 PM	1/31/2021 1:35:00 PM	Methyl tert-butyl ether (MTBE)	n/a	<	0.4	µg/L	EPA 624.1	0.4	1	WKL	
MO-CAM	2020/21-2	Wet	1/29/2021 10:35:00 AM	2/3/2021 1:30:00 AM	Chloride	n/a	=	6.6	mg/L	EPA 300.0	0.17	1	WKL	
MO-CAM	2020/21-2	Wet	1/29/2021 10:35:00 AM	2/3/2021 1:30:00 AM	Fluoride	n/a	DNQ	0.074	mg/L	EPA 300.0	0.018	0.2	WKL	
MO-CAM	2020/21-2	Wet	1/29/2021 10:35:00 AM	2/3/2021 5:11:00 AM	Perchlorate	n/a	<	8.4	µg/L	EPA 314.0	8.4	20	WKL	
MO-CAM	2020/21-2	Wet	1/29/2021 10:35:00 AM	2/5/2021 3:37:00 PM	Calcium	Total	=	8.53	mg/L	EPA 200.7	0.016	0.1	WKL	
MO-CAM	2020/21-2	Wet	1/29/2021 10:35:00 AM	2/5/2021 3:37:00 PM	Magnesium	Total	=	2.02	mg/L	EPA 200.7	0.012	0.1	WKL	
MO-CAM	2020/21-2	Wet	1/29/2021 10:35:00 AM	2/4/2021 11:30:00 AM	Alkalinity as CaCO3	n/a	=	16	mg/L	SM 2320 B	0.56	5	WKL	
MO-CAM	2020/21-2	Wet	1/29/2021 10:35:00 AM	2/4/2021 5:10:00 PM	BOD	n/a	=	7.1	mg/L	SM 5210 B	2	2	WKL	
MO-CAM	2020/21-2	Wet	1/29/2021 10:35:00 AM	2/8/2021 12:21:00 PM	COD	n/a	=	51	mg/L	EPA 410.4	2.9	5	WKL	
MO-CAM	2020/21-2	Wet	1/29/2021 10:35:00 AM	2/5/2021 3:37:00 PM	Hardness as CaCO3	Total	=	29.6	mg/L	EPA 200.7	0.0894	0.662	WKL	
MO-CAM	2020/21-2	Wet	1/29/2021 10:35:00 AM	1/30/2021 5:48:00 PM	MBAS	n/a	=	0.11	mg/L	SM 5540 C	0.017	0.05	WKL	
MO-CAM	2020/21-2	Wet	1/29/2021 10:35:00 AM	2/5/2021 1:15:00 PM	Phenolics	n/a	<	0.0032	mg/L	EPA 420.4	0.0032	0.01	WKL	
MO-CAM	2020/21-2	Wet	1/29/2021 10:35:00 AM	2/3/2021 1:26:00 PM	Specific Conductance	n/a	=	93	µmhos/cm	SM 2510 B	0.23	2	WKL	
MO-CAM	2020/21-2	Wet	1/29/2021 10:35:00 AM	2/5/2021 8:00:00 AM	Total Dissolved Solids	n/a	=	75	mg/L	SM 2540 C	4	10	WKL	
MO-CAM	2020/21-2	Wet	1/29/2021 10:35:00 AM	2/5/2021 12:35:00 PM	Total Organic Carbon	n/a	=	9.1	mg/L	SM 5310 B	0.096	0.3	WKL	
MO-CAM	2020/21-2	Wet	1/29/2021 10:35:00 AM	2/5/2021 8:00:00 AM	Total Suspended Solids	n/a	=	98	mg/L	SM 2540 D	-88	5	WKL	
MO-CAM	2020/21-2	Wet	1/29/2021 10:35:00 AM	1/29/2021 7:45:00 PM	Turbidity	n/a	=	17	NTU	EPA 180.1	0.017	0.1	WKL	
MO-CAM	2020/21-2	Wet	1/29/2021 10:35:00 AM	2/5/2021 8:00:00 AM	Volatile Suspended Solids	n/a	=	22	mg/L	EPA 160.4	3.1	5	WKL	
MO-CAM	2020/21-2	Wet	1/29/2021 10:35:00 AM	2/11/2021 8:09:00 PM	Diesel Range Organics	n/a	=	0.18	mg/L	EPA 8015B	0.032	0.1	WKL	
MO-CAM	2020/21-2	Wet	1/29/2021 10:35:00 AM	2/11/2021 8:09:00 PM	Oil Range Organics	n/a	<	0.33	mg/L	EPA 8015B	0.33	0.5	WKL	
MO-CAM	2020/21-2	Wet	1/29/2021 10:35:00 AM	2/10/2021 5:51:00 PM	Aluminum	Dissolved	=	29	µg/L	EPA 200.8	4.4	20	WKL	
MO-CAM	2020/21-2	Wet	1/29/2021 10:35:00 AM	2/10/2021 5:54:00 PM	Aluminum	Total	=	1800	µg/L	EPA 200.8	4.4	20	WKL	
MO-CAM	2020/21-2	Wet	1/29/2021 10:35:00 AM	2/10/2021 5:51:00 PM	Antimony	Dissolved	DNQ	0.35	µg/L	EPA 200.8	0.089	0.5	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-CAM	2020/21-2	Wet	1/29/2021 10:35:00 AM	2/10/2021 5:54:00 PM	Antimony	Total	=	0.68	µg/L	EPA 200.8	0.089	0.5	WKL	
MO-CAM	2020/21-2	Wet	1/29/2021 10:35:00 AM	2/10/2021 5:51:00 PM	Arsenic	Dissolved	=	0.68	µg/L	EPA 200.8	0.074	0.4	WKL	
MO-CAM	2020/21-2	Wet	1/29/2021 10:35:00 AM	2/10/2021 5:54:00 PM	Arsenic	Total	=	1.4	µg/L	EPA 200.8	0.074	0.4	WKL	
MO-CAM	2020/21-2	Wet	1/29/2021 10:35:00 AM	2/10/2021 5:54:00 PM	Barium	Total	=	28	µg/L	EPA 200.8	0.14	1	WKL	
MO-CAM	2020/21-2	Wet	1/29/2021 10:35:00 AM	2/10/2021 5:51:00 PM	Beryllium	Dissolved	<	0.062	µg/L	EPA 200.8	0.062	0.1	WKL	
MO-CAM	2020/21-2	Wet	1/29/2021 10:35:00 AM	2/10/2021 5:54:00 PM	Beryllium	Total	DNQ	0.073	µg/L	EPA 200.8	0.062	0.1	WKL	
MO-CAM	2020/21-2	Wet	1/29/2021 10:35:00 AM	2/10/2021 5:51:00 PM	Cadmium	Dissolved	<	0.042	µg/L	EPA 200.8	0.042	0.2	WKL	
MO-CAM	2020/21-2	Wet	1/29/2021 10:35:00 AM	2/10/2021 5:54:00 PM	Cadmium	Total	DNQ	0.17	µg/L	EPA 200.8	0.042	0.2	WKL	
MO-CAM	2020/21-2	Wet	1/29/2021 10:35:00 AM	2/10/2021 5:51:00 PM	Chromium	Dissolved	=	0.37	µg/L	EPA 200.8	0.089	0.2	WKL	
MO-CAM	2020/21-2	Wet	1/29/2021 10:35:00 AM	2/10/2021 5:54:00 PM	Chromium	Total	=	3.9	µg/L	EPA 200.8	0.089	0.2	WKL	
MO-CAM	2020/21-2	Wet	1/29/2021 10:35:00 AM	2/3/2021 1:44:00 PM	Chromium VI	n/a	=	0.24	µg/L	EPA 218.6	0.0079	0.02	WKL	
MO-CAM	2020/21-2	Wet	1/29/2021 10:35:00 AM	2/10/2021 5:51:00 PM	Copper	Dissolved	=	4.4	µg/L	EPA 200.8	0.23	0.5	WKL	
MO-CAM	2020/21-2	Wet	1/29/2021 10:35:00 AM	2/10/2021 5:54:00 PM	Copper	Total	=	12	µg/L	EPA 200.8	0.23	0.5	WKL	
MO-CAM	2020/21-2	Wet	1/29/2021 10:35:00 AM	2/10/2021 5:51:00 PM	Iron	Dissolved	=	36	µg/L	EPA 200.8	3.9	20	WKL	
MO-CAM	2020/21-2	Wet	1/29/2021 10:35:00 AM	2/10/2021 5:54:00 PM	Iron	Total	=	2500	µg/L	EPA 200.8	3.9	20	WKL	
MO-CAM	2020/21-2	Wet	1/29/2021 10:35:00 AM	2/10/2021 5:51:00 PM	Lead	Dissolved	DNQ	0.16	µg/L	EPA 200.8	0.083	0.2	WKL	
MO-CAM	2020/21-2	Wet	1/29/2021 10:35:00 AM	2/10/2021 5:54:00 PM	Lead	Total	=	3.9	µg/L	EPA 200.8	0.083	0.2	WKL	
MO-CAM	2020/21-2	Wet	1/29/2021 10:35:00 AM	2/8/2021 1:34:00 PM	Mercury	Dissolved	<	17	ng/L	EPA 245.1	17	50	WKL	
MO-CAM	2020/21-2	Wet	1/29/2021 10:35:00 AM	2/8/2021 1:36:00 PM	Mercury	Total	DNQ	21	ng/L	EPA 245.1	17	50	WKL	
MO-CAM	2020/21-2	Wet	1/29/2021 10:35:00 AM	2/10/2021 5:51:00 PM	Nickel	Dissolved	DNQ	1.1	µg/L	EPA 200.8	0.16	2	WKL	
MO-CAM	2020/21-2	Wet	1/29/2021 10:35:00 AM	2/10/2021 5:54:00 PM	Nickel	Total	=	4.2	µg/L	EPA 200.8	0.16	2	WKL	
MO-CAM	2020/21-2	Wet	1/29/2021 10:35:00 AM	2/10/2021 5:51:00 PM	Selenium	Dissolved	DNQ	0.11	µg/L	EPA 200.8	0.067	0.4	WKL	
MO-CAM	2020/21-2	Wet	1/29/2021 10:35:00 AM	2/10/2021 5:54:00 PM	Selenium	Total	DNQ	0.18	µg/L	EPA 200.8	0.067	0.4	WKL	
MO-CAM	2020/21-2	Wet	1/29/2021 10:35:00 AM	2/10/2021 5:51:00 PM	Silver	Dissolved	DNQ	0.16	µg/L	EPA 200.8	0.03	0.2	WKL	
MO-CAM	2020/21-2	Wet	1/29/2021 10:35:00 AM	2/10/2021 5:54:00 PM	Silver	Total	DNQ	0.075	µg/L	EPA 200.8	0.03	0.2	WKL	
MO-CAM	2020/21-2	Wet	1/29/2021 10:35:00 AM	2/10/2021 5:51:00 PM	Thallium	Dissolved	<	0.021	µg/L	EPA 200.8	0.021	0.2	WKL	
MO-CAM	2020/21-2	Wet	1/29/2021 10:35:00 AM	2/10/2021 5:54:00 PM	Thallium	Total	DNQ	0.029	µg/L	EPA 200.8	0.021	0.2	WKL	
MO-CAM	2020/21-2	Wet	1/29/2021 10:35:00 AM	2/10/2021 5:51:00 PM	Zinc	Dissolved	=	25	µg/L	EPA 200.8	0.8	10	WKL	
MO-CAM	2020/21-2	Wet	1/29/2021 10:35:00 AM	2/10/2021 5:54:00 PM	Zinc	Total	=	82	µg/L	EPA 200.8	0.8	10	WKL	
MO-CAM	2020/21-2	Wet	1/29/2021 10:35:00 AM	2/12/2021 1:14:00 PM	Ammonia as N	n/a	=	0.26	mg/L	EPA 350.1	0.047	0.1	WKL	
MO-CAM	2020/21-2	Wet	1/29/2021 10:35:00 AM	1/30/2021 3:22:00 PM	Nitrate + Nitrite as N	n/a	=	0.6	mg/L	EPA 353.2	0.036	0.2	WKL	
MO-CAM	2020/21-2	Wet	1/29/2021 10:35:00 AM	2/5/2021 3:34:00 PM	Phosphorus as P	Dissolved	=	0.17	mg/L	EPA 200.7	0.012	0.02	WKL	
MO-CAM	2020/21-2	Wet	1/29/2021 10:35:00 AM	2/5/2021 3:37:00 PM	Phosphorus as P	Total	=	0.37	mg/L	EPA 200.7	0.012	0.02	WKL	
MO-CAM	2020/21-2	Wet	1/29/2021 10:35:00 AM	2/4/2021 4:32:00 PM	TKN	n/a	=	0.81	mg/L	EPA 351.2	0.065	0.1	WKL	
MO-CAM	2020/21-2	Wet	1/29/2021 10:35:00 AM	2/9/2021 7:28:00 PM	1,2,4-Trichlorobenzene	n/a	<	2.4	µg/L	EPA 625.1	2.4	5	WKL	
MO-CAM	2020/21-2	Wet	1/29/2021 10:35:00 AM	2/9/2021 7:28:00 PM	1,2-Dichlorobenzene	n/a	<	2.3	µg/L	EPA 625.1	2.3	5	WKL	
MO-CAM	2020/21-2	Wet	1/29/2021 10:35:00 AM	2/9/2021 7:28:00 PM	1,2-Diphenylhydrazine	n/a	<	1.5	µg/L	EPA 625.1	1.5	5	WKL	
MO-CAM	2020/21-2	Wet	1/29/2021 10:35:00 AM	2/9/2021 7:28:00 PM	1,3-Dichlorobenzene	n/a	<	2.1	µg/L	EPA 625.1	2.1	5	WKL	
MO-CAM	2020/21-2	Wet	1/29/2021 10:35:00 AM	2/9/2021 7:28:00 PM	1,4-Dichlorobenzene	n/a	<	2.4	µg/L	EPA 625.1	2.4	5	WKL	
MO-CAM	2020/21-2	Wet	1/29/2021 10:35:00 AM	2/27/2021 11:47:00 AM	1-Methylnaphthalene	n/a	<	0.12	µg/L	EPA 8270C	0.12	0.5	WKL	
MO-CAM	2020/21-2	Wet	1/29/2021 10:35:00 AM	3/5/2021 3:05:00 AM	2,4,5-Trichlorophenol	n/a	<	1.4	µg/L	EPA 8270C	1.4	5	WKL	
MO-CAM	2020/21-2	Wet	1/29/2021 10:35:00 AM	2/9/2021 7:28:00 PM	2,4,6-Trichlorophenol	n/a	<	1.1	µg/L	EPA 625.1	1.1	5	WKL	
MO-CAM	2020/21-2	Wet	1/29/2021 10:35:00 AM	3/5/2021 3:05:00 AM	2,4,6-Trichlorophenol	n/a	<	1.5	µg/L	EPA 8270C	1.5	5	WKL	
MO-CAM	2020/21-2	Wet	1/29/2021 10:35:00 AM	2/9/2021 7:28:00 PM	2,4-Dichlorophenol	n/a	<	1.3	µg/L	EPA 625.1	1.3	5	WKL	
MO-CAM	2020/21-2	Wet	1/29/2021 10:35:00 AM	3/5/2021 3:05:00 AM	2,4-Dichlorophenol	n/a	<	2.6	µg/L	EPA 8270C	2.6	5	WKL	
MO-CAM	2020/21-2	Wet	1/29/2021 10:35:00 AM	2/9/2021 7:28:00 PM	2,4-Dimethylphenol	n/a	<	1.5	µg/L	EPA 625.1	1.5	5	WKL	
MO-CAM	2020/21-2	Wet	1/29/2021 10:35:00 AM	3/5/2021 3:05:00 AM	2,4-Dimethylphenol	n/a	<	5	µg/L	EPA 8270C	5	10	WKL	
MO-CAM	2020/21-2	Wet	1/29/2021 10:35:00 AM	2/9/2021 7:28:00 PM	2,4-Dinitrophenol	n/a	<	9.4	µg/L	EPA 625.1	9.4	50	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-CAM	2020/21-2	Wet	1/29/2021 10:35:00 AM	3/5/2021 3:05:00 AM	2,4-Dinitrophenol	n/a	<	5	µg/L	EPA 8270C	5	10	WKL	
MO-CAM	2020/21-2	Wet	1/29/2021 10:35:00 AM	2/9/2021 7:28:00 PM	2,4-Dinitrotoluene	n/a	<	0.9	µg/L	EPA 625.1	0.9	5	WKL	
MO-CAM	2020/21-2	Wet	1/29/2021 10:35:00 AM	2/9/2021 7:28:00 PM	2,6-Dinitrotoluene	n/a	<	1.4	µg/L	EPA 625.1	1.4	5	WKL	
MO-CAM	2020/21-2	Wet	1/29/2021 10:35:00 AM	2/9/2021 7:28:00 PM	2-Chloronaphthalene	n/a	<	2.2	µg/L	EPA 625.1	2.2	5	WKL	
MO-CAM	2020/21-2	Wet	1/29/2021 10:35:00 AM	2/9/2021 7:28:00 PM	2-Chlorophenol	n/a	<	1.4	µg/L	EPA 625.1	1.4	5	WKL	
MO-CAM	2020/21-2	Wet	1/29/2021 10:35:00 AM	3/5/2021 3:05:00 AM	2-Chlorophenol	n/a	<	3.2	µg/L	EPA 8270C	3.2	5	WKL	
MO-CAM	2020/21-2	Wet	1/29/2021 10:35:00 AM	2/27/2021 11:47:00 AM	2-Methylnaphthalene	n/a	<	0.13	µg/L	EPA 8270C	0.13	0.5	WKL	
MO-CAM	2020/21-2	Wet	1/29/2021 10:35:00 AM	3/5/2021 3:05:00 AM	2-Methylphenol	n/a	<	1.7	µg/L	EPA 8270C	1.7	5	WKL	
MO-CAM	2020/21-2	Wet	1/29/2021 10:35:00 AM	3/5/2021 3:05:00 AM	2-Nitrophenol	n/a	<	3.6	µg/L	EPA 8270C	3.6	5	WKL	
MO-CAM	2020/21-2	Wet	1/29/2021 10:35:00 AM	2/9/2021 7:28:00 PM	2-Nitrophenol	n/a	<	1.3	µg/L	EPA 625.1	1.3	5	WKL	
MO-CAM	2020/21-2	Wet	1/29/2021 10:35:00 AM	2/9/2021 7:28:00 PM	3,3'-Dichlorobenzidine	n/a	<	5	µg/L	EPA 625.1	5	25	WKL	
MO-CAM	2020/21-2	Wet	1/29/2021 10:35:00 AM	3/5/2021 3:05:00 AM	3-/4-Methylphenol	n/a	<	1.5	µg/L	EPA 8270C	1.5	5	WKL	
MO-CAM	2020/21-2	Wet	1/29/2021 10:35:00 AM	2/9/2021 7:28:00 PM	4,6-Dinitro-2-methylphenol	n/a	<	7	µg/L	EPA 625.1	7	25	WKL	
MO-CAM	2020/21-2	Wet	1/29/2021 10:35:00 AM	3/5/2021 3:05:00 AM	4,6-Dinitro-2-methylphenol	n/a	<	0.7	µg/L	EPA 8270C	0.7	5	WKL	
MO-CAM	2020/21-2	Wet	1/29/2021 10:35:00 AM	2/9/2021 7:28:00 PM	4-Bromophenyl phenyl ether	n/a	<	1.8	µg/L	EPA 625.1	1.8	5	WKL	
MO-CAM	2020/21-2	Wet	1/29/2021 10:35:00 AM	2/9/2021 7:28:00 PM	4-Chloro-3-methylphenol	n/a	<	1.2	µg/L	EPA 625.1	1.2	5	WKL	
MO-CAM	2020/21-2	Wet	1/29/2021 10:35:00 AM	3/5/2021 3:05:00 AM	4-Chloro-3-methylphenol	n/a	<	1.8	µg/L	EPA 8270C	1.8	5	WKL	
MO-CAM	2020/21-2	Wet	1/29/2021 10:35:00 AM	2/9/2021 7:28:00 PM	4-Chlorophenyl phenyl ether	n/a	<	2	µg/L	EPA 625.1	2	5	WKL	
MO-CAM	2020/21-2	Wet	1/29/2021 10:35:00 AM	3/5/2021 3:05:00 AM	4-Nitrophenol	n/a	<	5	µg/L	EPA 8270C	5	10	WKL	
MO-CAM	2020/21-2	Wet	1/29/2021 10:35:00 AM	2/9/2021 7:28:00 PM	4-Nitrophenol	n/a	<	6.2	µg/L	EPA 625.1	6.2	25	WKL	
MO-CAM	2020/21-2	Wet	1/29/2021 10:35:00 AM	2/9/2021 7:28:00 PM	Acenaphthene	n/a	<	1.9	µg/L	EPA 625.1	1.9	5	WKL	
MO-CAM	2020/21-2	Wet	1/29/2021 10:35:00 AM	2/27/2021 11:47:00 AM	Acenaphthene	n/a	<	0.14	µg/L	EPA 8270C	0.14	0.5	WKL	
MO-CAM	2020/21-2	Wet	1/29/2021 10:35:00 AM	2/9/2021 7:28:00 PM	Acenaphthylene	n/a	<	0.85	µg/L	EPA 625.1	0.85	5	WKL	
MO-CAM	2020/21-2	Wet	1/29/2021 10:35:00 AM	2/27/2021 11:47:00 AM	Acenaphthylene	n/a	<	0.16	µg/L	EPA 8270C	0.16	0.5	WKL	
MO-CAM	2020/21-2	Wet	1/29/2021 10:35:00 AM	2/9/2021 7:28:00 PM	Anthracene	n/a	<	0.6	µg/L	EPA 625.1	0.6	5	WKL	
MO-CAM	2020/21-2	Wet	1/29/2021 10:35:00 AM	2/27/2021 11:47:00 AM	Anthracene	n/a	<	0.12	µg/L	EPA 8270C	0.12	0.5	WKL	
MO-CAM	2020/21-2	Wet	1/29/2021 10:35:00 AM	2/9/2021 7:28:00 PM	Benz(a)anthracene	n/a	<	0.95	µg/L	EPA 625.1	0.95	5	WKL	
MO-CAM	2020/21-2	Wet	1/29/2021 10:35:00 AM	2/27/2021 11:47:00 AM	Benz(a)anthracene	n/a	<	0.26	µg/L	EPA 8270C	0.26	0.5	WKL	
MO-CAM	2020/21-2	Wet	1/29/2021 10:35:00 AM	2/9/2021 7:28:00 PM	Benzenidine	n/a	<	7.2	µg/L	EPA 625.1	7.2	50	WKL	
MO-CAM	2020/21-2	Wet	1/29/2021 10:35:00 AM	2/12/2021 6:24:00 AM	Benzo(a)pyrene	n/a	<	0.1	µg/L	EPA 525.2	0.1	0.5	WKL	
MO-CAM	2020/21-2	Wet	1/29/2021 10:35:00 AM	2/27/2021 11:47:00 AM	Benzo(a)pyrene	n/a	DNQ	0.44	µg/L	EPA 8270C	0.26	0.5	WKL	
MO-CAM	2020/21-2	Wet	1/29/2021 10:35:00 AM	2/9/2021 7:28:00 PM	Benzo(a)pyrene	n/a	<	2	µg/L	EPA 625.1	2	5	WKL	
MO-CAM	2020/21-2	Wet	1/29/2021 10:35:00 AM	2/9/2021 7:28:00 PM	Benzo(b)fluoranthene	n/a	<	2.3	µg/L	EPA 625.1	2.3	5	WKL	
MO-CAM	2020/21-2	Wet	1/29/2021 10:35:00 AM	2/27/2021 11:47:00 AM	Benzo(b)fluoranthene	n/a	DNQ	0.41	µg/L	EPA 8270C	0.14	0.5	WKL	
MO-CAM	2020/21-2	Wet	1/29/2021 10:35:00 AM	2/9/2021 7:28:00 PM	Benzo(g,h,i)perylene	n/a	<	2.1	µg/L	EPA 625.1	2.1	10	WKL	
MO-CAM	2020/21-2	Wet	1/29/2021 10:35:00 AM	2/27/2021 11:47:00 AM	Benzo(g,h,i)perylene	n/a	<	0.25	µg/L	EPA 8270C	0.25	0.5	WKL	
MO-CAM	2020/21-2	Wet	1/29/2021 10:35:00 AM	2/9/2021 7:28:00 PM	Benzo(k)fluoranthene	n/a	<	1.1	µg/L	EPA 625.1	1.1	5	WKL	
MO-CAM	2020/21-2	Wet	1/29/2021 10:35:00 AM	2/27/2021 11:47:00 AM	Benzo(k)fluoranthene	n/a	DNQ	0.13	µg/L	EPA 8270C	0.13	0.5	WKL	
MO-CAM	2020/21-2	Wet	1/29/2021 10:35:00 AM	2/9/2021 7:28:00 PM	Bis(2-chloroethoxy)methane	n/a	<	1.2	µg/L	EPA 625.1	1.2	5	WKL	
MO-CAM	2020/21-2	Wet	1/29/2021 10:35:00 AM	2/9/2021 7:28:00 PM	Bis(2-chloroethyl)ether	n/a	<	1.4	µg/L	EPA 625.1	1.4	5	WKL	
MO-CAM	2020/21-2	Wet	1/29/2021 10:35:00 AM	2/9/2021 7:28:00 PM	Bis(2-chloroisopropyl)ether	n/a	<	1.9	µg/L	EPA 625.1	1.9	5	WKL	
MO-CAM	2020/21-2	Wet	1/29/2021 10:35:00 AM	2/12/2021 6:24:00 AM	Bis(2-ethylhexyl)adipate	n/a	<	0.6	µg/L	EPA 525.2	0.6	25	WKL	
MO-CAM	2020/21-2	Wet	1/29/2021 10:35:00 AM	2/12/2021 6:24:00 AM	Bis(2-ethylhexyl)phthalate	n/a	<	2	µg/L	EPA 525.2	2	15	WKL	
MO-CAM	2020/21-2	Wet	1/29/2021 10:35:00 AM	2/9/2021 7:28:00 PM	Bis(2-ethylhexyl)phthalate	n/a	<	12	µg/L	EPA 625.1	12	25	WKL	
MO-CAM	2020/21-2	Wet	1/29/2021 10:35:00 AM	2/9/2021 7:28:00 PM	Butyl benzyl phthalate	n/a	<	0.9	µg/L	EPA 625.1	0.9	5	WKL	
MO-CAM	2020/21-2	Wet	1/29/2021 10:35:00 AM	2/9/2021 7:28:00 PM	Chrysene	n/a	<	0.95	µg/L	EPA 625.1	0.95	5	WKL	
MO-CAM	2020/21-2	Wet	1/29/2021 10:35:00 AM	2/27/2021 11:47:00 AM	Chrysene	n/a	<	0.16	µg/L	EPA 8270C	0.16	0.5	WKL	
MO-CAM	2020/21-2	Wet	1/29/2021 10:35:00 AM	2/9/2021 7:28:00 PM	Dibenz(a,h)anthracene	n/a	<	2.6	µg/L	EPA 625.1	2.6	10	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-CAM	2020/21-2	Wet	1/29/2021 10:35:00 AM	2/27/2021 11:47:00 AM	Dibenz(a,h)anthracene	n/a	<	0.48	µg/L	EPA 8270C	0.48	0.5	WKL	
MO-CAM	2020/21-2	Wet	1/29/2021 10:35:00 AM	2/9/2021 7:28:00 PM	Diethyl phthalate	n/a	<	0.75	µg/L	EPA 625.1	0.75	5	WKL	
MO-CAM	2020/21-2	Wet	1/29/2021 10:35:00 AM	2/9/2021 7:28:00 PM	Dimethyl phthalate	n/a	<	0.9	µg/L	EPA 625.1	0.9	5	WKL	
MO-CAM	2020/21-2	Wet	1/29/2021 10:35:00 AM	2/9/2021 7:28:00 PM	Di-n-butylphthalate	n/a	DNQ	1.4	µg/L	EPA 625.1	0.5	5	WKL	HB-LCSR
MO-CAM	2020/21-2	Wet	1/29/2021 10:35:00 AM	2/9/2021 7:28:00 PM	Di-n-octylphthalate	n/a	<	2.3	µg/L	EPA 625.1	2.3	5	WKL	
MO-CAM	2020/21-2	Wet	1/29/2021 10:35:00 AM	2/9/2021 7:28:00 PM	Fluoranthene	n/a	<	0.4	µg/L	EPA 625.1	0.4	5	WKL	
MO-CAM	2020/21-2	Wet	1/29/2021 10:35:00 AM	2/27/2021 11:47:00 AM	Fluoranthene	n/a	<	0.2	µg/L	EPA 8270C	0.2	0.5	WKL	
MO-CAM	2020/21-2	Wet	1/29/2021 10:35:00 AM	2/9/2021 7:28:00 PM	Fluorene	n/a	<	1.8	µg/L	EPA 625.1	1.8	5	WKL	
MO-CAM	2020/21-2	Wet	1/29/2021 10:35:00 AM	2/27/2021 11:47:00 AM	Fluorene	n/a	<	0.14	µg/L	EPA 8270C	0.14	0.5	WKL	
MO-CAM	2020/21-2	Wet	1/29/2021 10:35:00 AM	2/9/2021 7:28:00 PM	Hexachlorobenzene	n/a	<	2.4	µg/L	EPA 625.1	2.4	5	WKL	
MO-CAM	2020/21-2	Wet	1/29/2021 10:35:00 AM	2/9/2021 7:28:00 PM	Hexachlorobutadiene	n/a	<	2.4	µg/L	EPA 625.1	2.4	5	WKL	
MO-CAM	2020/21-2	Wet	1/29/2021 10:35:00 AM	2/9/2021 7:28:00 PM	Hexachlorocyclopentadiene	n/a	<	4.9	µg/L	EPA 625.1	4.9	25	WKL	
MO-CAM	2020/21-2	Wet	1/29/2021 10:35:00 AM	2/9/2021 7:28:00 PM	Hexachloroethane	n/a	<	2.5	µg/L	EPA 625.1	2.5	5	WKL	
MO-CAM	2020/21-2	Wet	1/29/2021 10:35:00 AM	2/27/2021 11:47:00 AM	Indeno(1,2,3-cd)pyrene	n/a	<	0.32	µg/L	EPA 8270C	0.32	0.5	WKL	
MO-CAM	2020/21-2	Wet	1/29/2021 10:35:00 AM	2/9/2021 7:28:00 PM	Indeno(1,2,3-cd)pyrene	n/a	<	2.8	µg/L	EPA 625.1	2.8	10	WKL	
MO-CAM	2020/21-2	Wet	1/29/2021 10:35:00 AM	2/9/2021 7:28:00 PM	Isophorone	n/a	<	1	µg/L	EPA 625.1	1	5	WKL	
MO-CAM	2020/21-2	Wet	1/29/2021 10:35:00 AM	2/9/2021 7:28:00 PM	Naphthalene	n/a	<	2.4	µg/L	EPA 625.1	2.4	5	WKL	
MO-CAM	2020/21-2	Wet	1/29/2021 10:35:00 AM	2/27/2021 11:47:00 AM	Naphthalene	n/a	<	0.13	µg/L	EPA 8270C	0.13	0.5	WKL	
MO-CAM	2020/21-2	Wet	1/29/2021 10:35:00 AM	2/9/2021 7:28:00 PM	Nitrobenzene	n/a	<	1.8	µg/L	EPA 625.1	1.8	5	WKL	
MO-CAM	2020/21-2	Wet	1/29/2021 10:35:00 AM	2/9/2021 7:28:00 PM	N-Nitrosodimethylamine	n/a	<	2.5	µg/L	EPA 625.1	2.5	5	WKL	
MO-CAM	2020/21-2	Wet	1/29/2021 10:35:00 AM	2/9/2021 7:28:00 PM	N-Nitrosodi-N-propylamine	n/a	<	1.3	µg/L	EPA 625.1	1.3	5	WKL	
MO-CAM	2020/21-2	Wet	1/29/2021 10:35:00 AM	2/9/2021 7:28:00 PM	N-Nitrosodiphenylamine	n/a	<	0.95	µg/L	EPA 625.1	0.95	5	WKL	
MO-CAM	2020/21-2	Wet	1/29/2021 10:35:00 AM	2/9/2021 7:28:00 PM	Phenanthrene	n/a	<	1.6	µg/L	EPA 625.1	1.6	5	WKL	
MO-CAM	2020/21-2	Wet	1/29/2021 10:35:00 AM	2/27/2021 11:47:00 AM	Phenanthrene	n/a	<	0.14	µg/L	EPA 8270C	0.14	0.5	WKL	
MO-CAM	2020/21-2	Wet	1/29/2021 10:35:00 AM	3/5/2021 3:05:00 AM	Phenol	n/a	<	1.8	µg/L	EPA 8270C	1.8	5	WKL	
MO-CAM	2020/21-2	Wet	1/29/2021 10:35:00 AM	2/9/2021 7:28:00 PM	Phenol	n/a	<	0.8	µg/L	EPA 625.1	0.8	5	WKL	
MO-CAM	2020/21-2	Wet	1/29/2021 10:35:00 AM	2/9/2021 7:28:00 PM	Pyrene	n/a	<	1.2	µg/L	EPA 625.1	1.2	5	WKL	
MO-CAM	2020/21-2	Wet	1/29/2021 10:35:00 AM	2/27/2021 11:47:00 AM	Pyrene	n/a	<	0.2	µg/L	EPA 8270C	0.2	0.5	WKL	
MO-CAM	2020/21-2	Wet	1/29/2021 10:35:00 AM	2/16/2021 9:40:00 PM	PCB Aroclor 1016	n/a	<	5	µg/L	EPA 608.3	5	5	WKL	
MO-CAM	2020/21-2	Wet	1/29/2021 10:35:00 AM	2/16/2021 9:40:00 PM	PCB Aroclor 1221	n/a	<	5	µg/L	EPA 608.3	5	5	WKL	
MO-CAM	2020/21-2	Wet	1/29/2021 10:35:00 AM	2/16/2021 9:40:00 PM	PCB Aroclor 1232	n/a	<	5	µg/L	EPA 608.3	5	5	WKL	
MO-CAM	2020/21-2	Wet	1/29/2021 10:35:00 AM	2/16/2021 9:40:00 PM	PCB Aroclor 1242	n/a	<	5	µg/L	EPA 608.3	5	5	WKL	
MO-CAM	2020/21-2	Wet	1/29/2021 10:35:00 AM	2/16/2021 9:40:00 PM	PCB Aroclor 1248	n/a	<	5	µg/L	EPA 608.3	5	5	WKL	
MO-CAM	2020/21-2	Wet	1/29/2021 10:35:00 AM	2/16/2021 9:40:00 PM	PCB Aroclor 1254	n/a	<	5	µg/L	EPA 608.3	5	5	WKL	
MO-CAM	2020/21-2	Wet	1/29/2021 10:35:00 AM	2/16/2021 9:40:00 PM	PCB Aroclor 1260	n/a	<	5	µg/L	EPA 608.3	5	5	WKL	
MO-CAM	2020/21-2	Wet	1/29/2021 10:35:00 AM	2/13/2021 2:15:00 AM	2,4,5-T	n/a	<	0.55	µg/L	EPA 515.4	0.55	2	WKL	
MO-CAM	2020/21-2	Wet	1/29/2021 10:35:00 AM	2/13/2021 2:15:00 AM	2,4,5-TP	n/a	<	0.46	µg/L	EPA 515.4	0.46	2	WKL	
MO-CAM	2020/21-2	Wet	1/29/2021 10:35:00 AM	2/13/2021 2:15:00 AM	2,4-D	n/a	<	1.4	µg/L	EPA 515.4	1.4	4	WKL	
MO-CAM	2020/21-2	Wet	1/29/2021 10:35:00 AM	2/13/2021 2:15:00 AM	2,4-DB	n/a	<	1.9	µg/L	EPA 515.4	1.9	20	WKL	
MO-CAM	2020/21-2	Wet	1/29/2021 10:35:00 AM	2/13/2021 2:15:00 AM	3,5-Dichlorobenzoic acid	n/a	<	1.2	µg/L	EPA 515.4	1.2	10	WKL	
MO-CAM	2020/21-2	Wet	1/29/2021 10:35:00 AM	2/16/2021 9:40:00 PM	4,4'-DDD	n/a	<	0.007	µg/L	EPA 608.3	0.007	0.5	WKL	
MO-CAM	2020/21-2	Wet	1/29/2021 10:35:00 AM	2/16/2021 9:40:00 PM	4,4'-DDE	n/a	<	0.5	µg/L	EPA 608.3	0.5	0.5	WKL	
MO-CAM	2020/21-2	Wet	1/29/2021 10:35:00 AM	2/16/2021 9:40:00 PM	4,4'-DDT	n/a	<	0.1	µg/L	EPA 608.3	0.1	0.1	WKL	
MO-CAM	2020/21-2	Wet	1/29/2021 10:35:00 AM	2/13/2021 2:15:00 AM	Acifluorfen	n/a	<	0.72	µg/L	EPA 515.4	0.72	4	WKL	
MO-CAM	2020/21-2	Wet	1/29/2021 10:35:00 AM	2/12/2021 6:24:00 PM	Alachlor	n/a	<	0.15	µg/L	EPA 525.2	0.15	0.5	WKL	
MO-CAM	2020/21-2	Wet	1/29/2021 10:35:00 AM	2/16/2021 9:40:00 PM	Aldrin	n/a	<	0.01	µg/L	EPA 608.3	0.01	0.05	WKL	
MO-CAM	2020/21-2	Wet	1/29/2021 10:35:00 AM	2/16/2021 9:40:00 PM	alpha-BHC	n/a	<	0.011	µg/L	EPA 608.3	0.011	0.1	WKL	
MO-CAM	2020/21-2	Wet	1/29/2021 10:35:00 AM	2/16/2021 9:40:00 PM	alpha-Chlordane	n/a	<	0.029	µg/L	EPA 608.3	0.029	0.1	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-CAM	2020/21-2	Wet	1/29/2021 10:35:00 AM	2/12/2021 6:24:00 AM	Atrazine	n/a	<	0.15	µg/L	EPA 525.2	0.15	0.5	WKL	
MO-CAM	2020/21-2	Wet	1/29/2021 10:35:00 AM	2/3/2021 6:52:00 PM	Azinphos methyl	n/a	<	0.028	µg/L	EPA 625.1m	0.028	0.05	WKL	
MO-CAM	2020/21-2	Wet	1/29/2021 10:35:00 AM	2/13/2021 2:15:00 AM	Bentazon	n/a	<	2.3	µg/L	EPA 515.4	2.3	20	WKL	
MO-CAM	2020/21-2	Wet	1/29/2021 10:35:00 AM	2/16/2021 9:40:00 PM	beta-BHC	n/a	<	0.05	µg/L	EPA 608.3	0.05	0.05	WKL	
MO-CAM	2020/21-2	Wet	1/29/2021 10:35:00 AM	2/3/2021 6:52:00 PM	Bolstar	n/a	<	0.023	µg/L	EPA 625.1m	0.023	0.05	WKL	
MO-CAM	2020/21-2	Wet	1/29/2021 10:35:00 AM	2/12/2021 6:24:00 AM	Bromacil	n/a	<	0.8	µg/L	EPA 525.2	0.8	2.5	WKL	
MO-CAM	2020/21-2	Wet	1/29/2021 10:35:00 AM	2/12/2021 6:24:00 AM	Butachlor	n/a	<	0.15	µg/L	EPA 525.2	0.15	0.5	WKL	
MO-CAM	2020/21-2	Wet	1/29/2021 10:35:00 AM	2/12/2021 6:24:00 AM	Captan	n/a	DNQ	1.9	µg/L	EPA 525.2	0.8	5	WKL	EST-LCSRPD
MO-CAM	2020/21-2	Wet	1/29/2021 10:35:00 AM	2/16/2021 9:40:00 PM	Chlordane (technical)	n/a	<	1	µg/L	EPA 608.3	1	1	WKL	
MO-CAM	2020/21-2	Wet	1/29/2021 10:35:00 AM	2/12/2021 6:24:00 AM	Chlorpropham	n/a	<	0.2	µg/L	EPA 525.2	0.2	0.5	WKL	
MO-CAM	2020/21-2	Wet	1/29/2021 10:35:00 AM	2/3/2021 6:52:00 PM	Chlorpyrifos	n/a	<	0.034	µg/L	EPA 625.1m	0.034	0.05	WKL	
MO-CAM	2020/21-2	Wet	1/29/2021 10:35:00 AM	2/3/2021 6:52:00 PM	Coumaphos	n/a	<	0.026	µg/L	EPA 625.1m	0.026	0.05	WKL	
MO-CAM	2020/21-2	Wet	1/29/2021 10:35:00 AM	2/12/2021 6:24:00 AM	Cyanazine	n/a	<	0.2	µg/L	EPA 525.2	0.2	0.5	WKL	
MO-CAM	2020/21-2	Wet	1/29/2021 10:35:00 AM	2/13/2021 2:15:00 AM	Dalapon	n/a	<	1.1	µg/L	EPA 515.4	1.1	4	WKL	
MO-CAM	2020/21-2	Wet	1/29/2021 10:35:00 AM	2/13/2021 2:15:00 AM	DCCA (Dacthal)	n/a	<	0.53	µg/L	EPA 515.4	0.53	1	WKL	
MO-CAM	2020/21-2	Wet	1/29/2021 10:35:00 AM	2/16/2021 9:40:00 PM	delta-BHC	n/a	<	0.019	µg/L	EPA 608.3	0.019	0.05	WKL	
MO-CAM	2020/21-2	Wet	1/29/2021 10:35:00 AM	2/3/2021 6:52:00 PM	Demeton-O	n/a	<	0.05	µg/L	EPA 625.1m	0.05	0.05	WKL	
MO-CAM	2020/21-2	Wet	1/29/2021 10:35:00 AM	2/3/2021 6:52:00 PM	Demeton-S	n/a	<	0.05	µg/L	EPA 625.1m	0.05	0.05	WKL	
MO-CAM	2020/21-2	Wet	1/29/2021 10:35:00 AM	2/12/2021 6:24:00 AM	Diazinon	n/a	<	0.25	µg/L	EPA 525.2	0.25	0.5	WKL	
MO-CAM	2020/21-2	Wet	1/29/2021 10:35:00 AM	2/3/2021 6:52:00 PM	Diazinon	n/a	<	0.026	µg/L	EPA 625.1m	0.026	0.05	WKL	
MO-CAM	2020/21-2	Wet	1/29/2021 10:35:00 AM	2/13/2021 2:15:00 AM	Dicamba	n/a	<	0.75	µg/L	EPA 515.4	0.75	6	WKL	
MO-CAM	2020/21-2	Wet	1/29/2021 10:35:00 AM	2/13/2021 2:15:00 AM	Dichlorprop	n/a	<	1.2	µg/L	EPA 515.4	1.2	3	WKL	
MO-CAM	2020/21-2	Wet	1/29/2021 10:35:00 AM	2/3/2021 6:52:00 PM	Dichlorvos	n/a	<	0.014	µg/L	EPA 625.1m	0.014	0.05	WKL	
MO-CAM	2020/21-2	Wet	1/29/2021 10:35:00 AM	2/16/2021 9:40:00 PM	Dieldrin	n/a	<	0.008	µg/L	EPA 608.3	0.008	0.1	WKL	
MO-CAM	2020/21-2	Wet	1/29/2021 10:35:00 AM	2/12/2021 6:24:00 AM	Dimethoate	n/a	<	0.1	µg/L	EPA 525.2	0.1	1	WKL	
MO-CAM	2020/21-2	Wet	1/29/2021 10:35:00 AM	2/3/2021 6:52:00 PM	Dimethoate	n/a	<	0.031	µg/L	EPA 625.1m	0.031	0.05	WKL	
MO-CAM	2020/21-2	Wet	1/29/2021 10:35:00 AM	2/13/2021 2:15:00 AM	Dinoseb	n/a	<	0.55	µg/L	EPA 515.4	0.55	4	WKL	
MO-CAM	2020/21-2	Wet	1/29/2021 10:35:00 AM	2/12/2021 6:24:00 AM	Diphenamid	n/a	<	0.15	µg/L	EPA 525.2	0.15	0.5	WKL	
MO-CAM	2020/21-2	Wet	1/29/2021 10:35:00 AM	2/12/2021 6:24:00 AM	Disulfoton	n/a	<	0.2	µg/L	EPA 525.2	0.2	0.5	WKL	
MO-CAM	2020/21-2	Wet	1/29/2021 10:35:00 AM	2/3/2021 6:52:00 PM	Disulfoton	n/a	<	0.05	µg/L	EPA 625.1m	0.05	0.05	WKL	
MO-CAM	2020/21-2	Wet	1/29/2021 10:35:00 AM	2/16/2021 9:40:00 PM	Endosulfan I	n/a	<	0.009	µg/L	EPA 608.3	0.009	0.2	WKL	
MO-CAM	2020/21-2	Wet	1/29/2021 10:35:00 AM	2/16/2021 9:40:00 PM	Endosulfan II	n/a	<	0.007	µg/L	EPA 608.3	0.007	0.1	WKL	
MO-CAM	2020/21-2	Wet	1/29/2021 10:35:00 AM	2/16/2021 9:40:00 PM	Endosulfan sulfate	n/a	<	0.013	µg/L	EPA 608.3	0.013	0.5	WKL	
MO-CAM	2020/21-2	Wet	1/29/2021 10:35:00 AM	2/16/2021 9:40:00 PM	Endrin	n/a	<	0.017	µg/L	EPA 608.3	0.017	0.1	WKL	
MO-CAM	2020/21-2	Wet	1/29/2021 10:35:00 AM	2/16/2021 9:40:00 PM	Endrin aldehyde	n/a	<	0.019	µg/L	EPA 608.3	0.019	0.1	WKL	
MO-CAM	2020/21-2	Wet	1/29/2021 10:35:00 AM	2/12/2021 6:24:00 AM	EPTC	n/a	<	0.1	µg/L	EPA 525.2	0.1	0.5	WKL	
MO-CAM	2020/21-2	Wet	1/29/2021 10:35:00 AM	2/3/2021 6:52:00 PM	Ethoprop	n/a	<	0.034	µg/L	EPA 625.1m	0.034	0.05	WKL	
MO-CAM	2020/21-2	Wet	1/29/2021 10:35:00 AM	2/3/2021 6:52:00 PM	Ethyl parathion	n/a	<	0.027	µg/L	EPA 625.1m	0.027	0.05	WKL	
MO-CAM	2020/21-2	Wet	1/29/2021 10:35:00 AM	2/3/2021 6:52:00 PM	Fensulfothion	n/a	<	0.014	µg/L	EPA 625.1m	0.014	0.05	WKL	
MO-CAM	2020/21-2	Wet	1/29/2021 10:35:00 AM	2/3/2021 6:52:00 PM	Fenthion	n/a	<	0.019	µg/L	EPA 625.1m	0.019	0.05	WKL	
MO-CAM	2020/21-2	Wet	1/29/2021 10:35:00 AM	2/16/2021 9:40:00 PM	gamma-BHC (Lindane)	n/a	<	0.2	µg/L	EPA 608.3	0.2	0.2	WKL	
MO-CAM	2020/21-2	Wet	1/29/2021 10:35:00 AM	2/16/2021 9:40:00 PM	gamma-Chlordane	n/a	<	0.1	µg/L	EPA 608.3	0.1	0.1	WKL	
MO-CAM	2020/21-2	Wet	1/29/2021 10:35:00 AM	2/3/2021 4:09:00 PM	Glyphosate	n/a	DNQ	4.9	µg/L	EPA 547	1.8	5	WKL	
MO-CAM	2020/21-2	Wet	1/29/2021 10:35:00 AM	2/16/2021 9:40:00 PM	Heptachlor	n/a	<	0.1	µg/L	EPA 608.3	0.1	0.1	WKL	
MO-CAM	2020/21-2	Wet	1/29/2021 10:35:00 AM	2/16/2021 9:40:00 PM	Heptachlor epoxide	n/a	<	0.004	µg/L	EPA 608.3	0.004	0.1	WKL	
MO-CAM	2020/21-2	Wet	1/29/2021 10:35:00 AM	2/3/2021 6:52:00 PM	Malathion	n/a	<	0.038	µg/L	EPA 625.1m	0.038	0.05	WKL	
MO-CAM	2020/21-2	Wet	1/29/2021 10:35:00 AM	2/3/2021 6:52:00 PM	Merphos	n/a	<	0.029	µg/L	EPA 625.1m	0.029	0.05	WKL	
MO-CAM	2020/21-2	Wet	1/29/2021 10:35:00 AM	2/16/2021 9:40:00 PM	Methoxychlor	n/a	<	0.014	µg/L	EPA 608.3	0.014	0.2	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-CAM	2020/21-2	Wet	1/29/2021 10:35:00 AM	2/3/2021 6:52:00 PM	Methyl parathion	n/a	<	0.032	µg/L	EPA 625.1m	0.032	0.05	WKL	
MO-CAM	2020/21-2	Wet	1/29/2021 10:35:00 AM	2/12/2021 6:24:00 AM	Metolachlor	n/a	<	0.15	µg/L	EPA 525.2	0.15	0.5	WKL	
MO-CAM	2020/21-2	Wet	1/29/2021 10:35:00 AM	2/12/2021 6:24:00 AM	Metribuzin	n/a	<	0.15	µg/L	EPA 525.2	0.15	0.5	WKL	
MO-CAM	2020/21-2	Wet	1/29/2021 10:35:00 AM	2/3/2021 6:52:00 PM	Mevinphos	n/a	<	0.021	µg/L	EPA 625.1m	0.021	0.05	WKL	
MO-CAM	2020/21-2	Wet	1/29/2021 10:35:00 AM	2/12/2021 6:24:00 AM	Molinate	n/a	<	0.15	µg/L	EPA 525.2	0.15	0.5	WKL	
MO-CAM	2020/21-2	Wet	1/29/2021 10:35:00 AM	2/3/2021 6:52:00 PM	Naled	n/a	<	0.038	µg/L	EPA 625.1m	0.038	0.05	WKL	
MO-CAM	2020/21-2	Wet	1/29/2021 10:35:00 AM	2/9/2021 7:28:00 PM	Pentachlorophenol	n/a	<	2	µg/L	EPA 625.1	2	5	WKL	
MO-CAM	2020/21-2	Wet	1/29/2021 10:35:00 AM	3/5/2021 3:05:00 AM	Pentachlorophenol	n/a	<	0.75	µg/L	EPA 8270C	0.75	5	WKL	
MO-CAM	2020/21-2	Wet	1/29/2021 10:35:00 AM	2/13/2021 2:15:00 AM	Pentachlorophenol	n/a	<	0.46	µg/L	EPA 515.4	0.46	2	WKL	
MO-CAM	2020/21-2	Wet	1/29/2021 10:35:00 AM	2/3/2021 6:52:00 PM	Phorate	n/a	<	0.015	µg/L	EPA 625.1m	0.015	0.05	WKL	
MO-CAM	2020/21-2	Wet	1/29/2021 10:35:00 AM	2/13/2021 2:15:00 AM	Picloram	n/a	<	0.38	µg/L	EPA 515.4	0.38	6	WKL	
MO-CAM	2020/21-2	Wet	1/29/2021 10:35:00 AM	2/12/2021 6:24:00 AM	Prometon	n/a	<	0.05	µg/L	EPA 525.2	0.05	0.5	WKL	
MO-CAM	2020/21-2	Wet	1/29/2021 10:35:00 AM	2/12/2021 6:24:00 AM	Prometryn	n/a	<	0.15	µg/L	EPA 525.2	0.15	0.5	WKL	
MO-CAM	2020/21-2	Wet	1/29/2021 10:35:00 AM	2/3/2021 6:52:00 PM	Ronnel (Fenchlorphos)	n/a	<	0.02	µg/L	EPA 625.1m	0.02	0.05	WKL	
MO-CAM	2020/21-2	Wet	1/29/2021 10:35:00 AM	2/12/2021 6:24:00 AM	Simazine	n/a	<	0.1	µg/L	EPA 525.2	0.1	0.5	WKL	
MO-CAM	2020/21-2	Wet	1/29/2021 10:35:00 AM	2/3/2021 6:52:00 PM	Stirophos (Tetrachlorvinphos)	n/a	<	0.016	µg/L	EPA 625.1m	0.016	0.05	WKL	
MO-CAM	2020/21-2	Wet	1/29/2021 10:35:00 AM	2/12/2021 6:24:00 AM	Terbacil	n/a	<	0.45	µg/L	EPA 525.2	0.45	10	WKL	
MO-CAM	2020/21-2	Wet	1/29/2021 10:35:00 AM	2/12/2021 6:24:00 AM	Thiobencarb	n/a	<	0.15	µg/L	EPA 525.2	0.15	0.5	WKL	
MO-CAM	2020/21-2	Wet	1/29/2021 10:35:00 AM	2/3/2021 6:52:00 PM	Tokuthion	n/a	<	0.039	µg/L	EPA 625.1m	0.039	0.05	WKL	
MO-CAM	2020/21-2	Wet	1/29/2021 10:35:00 AM	2/16/2021 9:40:00 PM	Toxaphene	n/a	<	10	µg/L	EPA 608.3	10	10	WKL	
MO-CAM	2020/21-2	Wet	1/29/2021 10:35:00 AM	2/3/2021 6:52:00 PM	Trichloronate	n/a	<	0.034	µg/L	EPA 625.1m	0.034	0.05	WKL	
MO-CAM	2020/21-2	Wet	1/29/2021 10:35:00 AM	2/12/2021 6:24:00 AM	Trithion	n/a	<	0.1	µg/L	EPA 525.2	0.1	0.5	WKL	
MO-CAM	2020/21-3	Wet	3/10/2021 2:20:00 AM	3/10/2021 2:20:00 AM	Conductivity	n/a	=	92.9	µmhos/cm	Field Meter	-88	1	Field Crew	
MO-CAM	2020/21-3	Wet	3/10/2021 2:20:00 AM	3/15/2021 3:30:00 PM	Cyanide	Total	=	0.0029	mg/L	ASTM D7511	0.0003	0.002	WKL	
MO-CAM	2020/21-3	Wet	3/10/2021 2:20:00 AM	3/10/2021 2:20:00 AM	DO	n/a	=	73.4	%	Field Meter	-88	0.1	Field Crew	
MO-CAM	2020/21-3	Wet	3/10/2021 2:20:00 AM	3/10/2021 2:20:00 AM	DO	n/a	=	7.86	mg/L	Field Meter	-88	0.3	Field Crew	
MO-CAM	2020/21-3	Wet	3/10/2021 2:20:00 AM	3/10/2021 2:20:00 AM	pH	n/a	=	7.32	pH Units	Field Meter	-88	0.01	Field Crew	
MO-CAM	2020/21-3	Wet	3/10/2021 2:20:00 AM	3/10/2021 2:20:00 AM	Salinity	n/a	=	100	mg/L	Field Meter	-88	100	Field Crew	
MO-CAM	2020/21-3	Wet	3/10/2021 2:20:00 AM	3/10/2021 2:20:00 AM	Specific Conductance	n/a	=	121.4	µmhos/cm	Field Meter	-88	1	Field Crew	
MO-CAM	2020/21-3	Wet	3/10/2021 2:20:00 AM	3/10/2021 2:20:00 AM	Temperature	n/a	=	12.7	°C	Field Meter	-88	0.1	Field Crew	
MO-CAM	2020/21-3	Wet	3/10/2021 2:20:00 AM	3/24/2021 5:28:00 PM	Oil and Grease	n/a	DNQ	1.5	mg/L	EPA 1664B	0.7	5	WKL	
MO-CAM	2020/21-3	Wet	3/10/2021 4:38:00 AM	3/12/2021 11:39:00 PM	Chloride	n/a	=	18	mg/L	EPA 300.0	0.17	1	WKL	
MO-CAM	2020/21-3	Wet	3/10/2021 4:38:00 AM	3/12/2021 11:39:00 PM	Fluoride	n/a	DNQ	0.12	mg/L	EPA 300.0	0.018	0.2	WKL	
MO-CAM	2020/21-3	Wet	3/10/2021 4:38:00 AM	3/19/2021 11:54:00 PM	Perchlorate	n/a	<	1.7	µg/L	EPA 314.0	1.7	4	WKL	
MO-CAM	2020/21-3	Wet	3/10/2021 4:38:00 AM	3/19/2021 6:22:00 PM	Calcium	Total	=	19	mg/L	EPA 200.7	0.16	0.5	WKL	
MO-CAM	2020/21-3	Wet	3/10/2021 4:38:00 AM	3/19/2021 6:22:00 PM	Magnesium	Total	=	4.8	mg/L	EPA 200.7	0.039	0.5	WKL	
MO-CAM	2020/21-3	Wet	3/10/2021 4:38:00 AM	3/11/2021 12:00:00 PM	Alkalinity as CaCO3	n/a	=	32	mg/L	SM 2320 B	0.56	5	WKL	
MO-CAM	2020/21-3	Wet	3/10/2021 4:38:00 AM	3/16/2021 4:38:00 PM	BOD	n/a	=	35	mg/L	SM 5210 B	2	2	WKL	
MO-CAM	2020/21-3	Wet	3/10/2021 4:38:00 AM	3/18/2021 11:44:00 AM	COD	n/a	=	160	mg/L	EPA 410.4	2.9	5	WKL	
MO-CAM	2020/21-3	Wet	3/10/2021 4:38:00 AM	3/19/2021 6:22:00 PM	Hardness as CaCO3	Total	=	67.3	mg/L	EPA 200.7	0.56	3.31	WKL	
MO-CAM	2020/21-3	Wet	3/10/2021 4:38:00 AM	3/11/2021 8:29:00 PM	MBAS	n/a	=	0.27	mg/L	SM 5540 C	0.017	0.05	WKL	
MO-CAM	2020/21-3	Wet	3/10/2021 4:38:00 AM	3/23/2021 1:45:00 PM	Phenolics	n/a	=	0.086	mg/L	EPA 420.4	0.0032	0.01	WKL	
MO-CAM	2020/21-3	Wet	3/10/2021 4:38:00 AM	3/15/2021 1:43:00 PM	Specific Conductance	n/a	=	220	µmhos/cm	SM 2510 B	0.23	2	WKL	
MO-CAM	2020/21-3	Wet	3/10/2021 4:38:00 AM	3/15/2021 6:00:00 PM	Total Dissolved Solids	n/a	=	160	mg/L	SM 2540 C	4	10	WKL	
MO-CAM	2020/21-3	Wet	3/10/2021 4:38:00 AM	4/5/2021	Total Organic Carbon	n/a	=	31	mg/L	SM 5310 B	1	1	WKL	
MO-CAM	2020/21-3	Wet	3/10/2021 4:38:00 AM	3/12/2021 4:59:00 PM	Total Suspended Solids	n/a	=	300	mg/L	SM 2540 D	-88	5	WKL	
MO-CAM	2020/21-3	Wet	3/10/2021 4:38:00 AM	3/11/2021 4:58:00 PM	Turbidity	n/a	=	10	NTU	EPA 180.1	0.017	0.1	WKL	
MO-CAM	2020/21-3	Wet	3/10/2021 4:38:00 AM	3/12/2021 4:29:00 PM	Volatile Suspended Solids	n/a	=	120	mg/L	EPA 160.4	3.1	5	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-CAM	2020/21-3	Wet	3/10/2021 4:38:00 AM	3/25/2021 9:48:00 PM	Diesel Range Organics	n/a	=	1.6	mg/L	EPA 8015B	0.032	0.1	WKL	
MO-CAM	2020/21-3	Wet	3/10/2021 4:38:00 AM	3/25/2021 9:48:00 PM	Oil Range Organics	n/a	=	0.93	mg/L	EPA 8015B	0.33	0.5	WKL	
MO-CAM	2020/21-3	Wet	3/10/2021 4:38:00 AM	3/17/2021 4:09:00 PM	Aluminum	Dissolved	=	110	µg/L	EPA 200.8	4.4	20	WKL	
MO-CAM	2020/21-3	Wet	3/10/2021 4:38:00 AM	3/17/2021 4:11:00 PM	Aluminum	Total	=	3200	µg/L	EPA 200.8	4.4	20	WKL	
MO-CAM	2020/21-3	Wet	3/10/2021 4:38:00 AM	3/17/2021 4:09:00 PM	Antimony	Dissolved	=	0.67	µg/L	EPA 200.8	0.089	0.5	WKL	
MO-CAM	2020/21-3	Wet	3/10/2021 4:38:00 AM	3/17/2021 4:11:00 PM	Antimony	Total	=	1.4	µg/L	EPA 200.8	0.089	0.5	WKL	
MO-CAM	2020/21-3	Wet	3/10/2021 4:38:00 AM	3/17/2021 4:09:00 PM	Arsenic	Dissolved	=	1	µg/L	EPA 200.8	0.074	0.4	WKL	
MO-CAM	2020/21-3	Wet	3/10/2021 4:38:00 AM	3/17/2021 4:11:00 PM	Arsenic	Total	=	2.3	µg/L	EPA 200.8	0.074	0.4	WKL	
MO-CAM	2020/21-3	Wet	3/10/2021 4:38:00 AM	3/17/2021 4:11:00 PM	Barium	Total	=	56	µg/L	EPA 200.8	0.14	1	WKL	
MO-CAM	2020/21-3	Wet	3/10/2021 4:38:00 AM	3/17/2021 4:09:00 PM	Beryllium	Dissolved	<	0.062	µg/L	EPA 200.8	0.062	0.1	WKL	
MO-CAM	2020/21-3	Wet	3/10/2021 4:38:00 AM	3/17/2021 4:11:00 PM	Beryllium	Total	=	0.13	µg/L	EPA 200.8	0.062	0.1	WKL	
MO-CAM	2020/21-3	Wet	3/10/2021 4:38:00 AM	3/17/2021 4:09:00 PM	Cadmium	Dissolved	DNQ	0.054	µg/L	EPA 200.8	0.042	0.2	WKL	
MO-CAM	2020/21-3	Wet	3/10/2021 4:38:00 AM	3/17/2021 4:11:00 PM	Cadmium	Total	=	0.4	µg/L	EPA 200.8	0.042	0.2	WKL	
MO-CAM	2020/21-3	Wet	3/10/2021 4:38:00 AM	3/17/2021 4:09:00 PM	Chromium	Dissolved	=	0.6	µg/L	EPA 200.8	0.089	0.2	WKL	
MO-CAM	2020/21-3	Wet	3/10/2021 4:38:00 AM	3/17/2021 4:11:00 PM	Chromium	Total	=	6.7	µg/L	EPA 200.8	0.089	0.2	WKL	
MO-CAM	2020/21-3	Wet	3/10/2021 4:38:00 AM	3/22/2021 1:51:00 PM	Chromium VI	n/a	=	0.16	µg/L	EPA 218.6	0.0079	0.02	WKL	
MO-CAM	2020/21-3	Wet	3/10/2021 4:38:00 AM	3/17/2021 4:09:00 PM	Copper	Dissolved	=	12	µg/L	EPA 200.8	0.23	0.5	WKL	
MO-CAM	2020/21-3	Wet	3/10/2021 4:38:00 AM	3/17/2021 4:11:00 PM	Copper	Total	=	39	µg/L	EPA 200.8	0.23	0.5	WKL	
MO-CAM	2020/21-3	Wet	3/10/2021 4:38:00 AM	3/17/2021 4:09:00 PM	Iron	Dissolved	=	89	µg/L	EPA 200.8	3.9	20	WKL	
MO-CAM	2020/21-3	Wet	3/10/2021 4:38:00 AM	3/17/2021 4:11:00 PM	Iron	Total	=	4400	µg/L	EPA 200.8	3.9	20	WKL	
MO-CAM	2020/21-3	Wet	3/10/2021 4:38:00 AM	3/17/2021 4:09:00 PM	Lead	Dissolved	=	0.22	µg/L	EPA 200.8	0.083	0.2	WKL	
MO-CAM	2020/21-3	Wet	3/10/2021 4:38:00 AM	3/17/2021 4:11:00 PM	Lead	Total	=	7.1	µg/L	EPA 200.8	0.083	0.2	WKL	
MO-CAM	2020/21-3	Wet	3/10/2021 4:38:00 AM	3/18/2021 2:59:00 PM	Mercury	Dissolved	<	17	ng/L	EPA 245.1	17	50	WKL	
MO-CAM	2020/21-3	Wet	3/10/2021 4:38:00 AM	3/18/2021 3:01:00 PM	Mercury	Total	DNQ	22	ng/L	EPA 245.1	17	50	WKL	
MO-CAM	2020/21-3	Wet	3/10/2021 4:38:00 AM	3/17/2021 4:09:00 PM	Nickel	Dissolved	=	4	µg/L	EPA 200.8	0.16	2	WKL	
MO-CAM	2020/21-3	Wet	3/10/2021 4:38:00 AM	3/17/2021 4:11:00 PM	Nickel	Total	=	11	µg/L	EPA 200.8	0.16	2	WKL	
MO-CAM	2020/21-3	Wet	3/10/2021 4:38:00 AM	3/17/2021 4:09:00 PM	Selenium	Dissolved	DNQ	0.2	µg/L	EPA 200.8	0.067	0.4	WKL	
MO-CAM	2020/21-3	Wet	3/10/2021 4:38:00 AM	3/17/2021 4:11:00 PM	Selenium	Total	DNQ	0.33	µg/L	EPA 200.8	0.067	0.4	WKL	
MO-CAM	2020/21-3	Wet	3/10/2021 4:38:00 AM	3/17/2021 4:09:00 PM	Silver	Dissolved	<	0.03	µg/L	EPA 200.8	0.03	0.2	WKL	
MO-CAM	2020/21-3	Wet	3/10/2021 4:38:00 AM	3/17/2021 4:11:00 PM	Silver	Total	DNQ	0.087	µg/L	EPA 200.8	0.03	0.2	WKL	
MO-CAM	2020/21-3	Wet	3/10/2021 4:38:00 AM	3/17/2021 4:09:00 PM	Thallium	Dissolved	<	0.021	µg/L	EPA 200.8	0.021	0.2	WKL	
MO-CAM	2020/21-3	Wet	3/10/2021 4:38:00 AM	3/17/2021 4:11:00 PM	Thallium	Total	DNQ	0.049	µg/L	EPA 200.8	0.021	0.2	WKL	
MO-CAM	2020/21-3	Wet	3/10/2021 4:38:00 AM	3/17/2021 4:09:00 PM	Zinc	Dissolved	=	65	µg/L	EPA 200.8	0.8	10	WKL	
MO-CAM	2020/21-3	Wet	3/10/2021 4:38:00 AM	3/17/2021 4:11:00 PM	Zinc	Total	=	220	µg/L	EPA 200.8	0.8	10	WKL	
MO-CAM	2020/21-3	Wet	3/10/2021 4:38:00 AM	3/18/2021 3:27:00 PM	Ammonia as N	n/a	=	0.92	mg/L	EPA 350.1	0.047	0.1	WKL	
MO-CAM	2020/21-3	Wet	3/10/2021 4:38:00 AM	3/11/2021 7:07:00 PM	Nitrate + Nitrite as N	n/a	=	1	mg/L	EPA 353.2	0.036	0.2	WKL	
MO-CAM	2020/21-3	Wet	3/10/2021 4:38:00 AM	3/19/2021 6:19:00 PM	Phosphorus as P	Dissolved	=	0.29	mg/L	EPA 200.7	0.012	0.02	WKL	
MO-CAM	2020/21-3	Wet	3/10/2021 4:38:00 AM	3/19/2021 6:22:00 PM	Phosphorus as P	Total	=	0.86	mg/L	EPA 200.7	0.018	0.05	WKL	
MO-CAM	2020/21-3	Wet	3/10/2021 4:38:00 AM	3/19/2021 3:56:00 PM	TKN	n/a	=	3.3	mg/L	EPA 351.2	0.065	0.1	WKL	
MO-CAM	2020/21-3	Wet	3/10/2021 4:38:00 AM	4/2/2021 12:51:00 AM	1,2,4-Trichlorobenzene	n/a	<	2.4	µg/L	EPA 625.1	2.4	5	WKL	
MO-CAM	2020/21-3	Wet	3/10/2021 4:38:00 AM	4/2/2021 12:51:00 AM	1,2-Dichlorobenzene	n/a	<	2.3	µg/L	EPA 625.1	2.3	5	WKL	
MO-CAM	2020/21-3	Wet	3/10/2021 4:38:00 AM	4/2/2021 12:51:00 AM	1,2-Diphenylhydrazine	n/a	<	1.5	µg/L	EPA 625.1	1.5	5	WKL	
MO-CAM	2020/21-3	Wet	3/10/2021 4:38:00 AM	4/2/2021 12:51:00 AM	1,3-Dichlorobenzene	n/a	<	2.1	µg/L	EPA 625.1	2.1	5	WKL	
MO-CAM	2020/21-3	Wet	3/10/2021 4:38:00 AM	4/2/2021 12:51:00 AM	1,4-Dichlorobenzene	n/a	<	2.4	µg/L	EPA 625.1	2.4	5	WKL	
MO-CAM	2020/21-3	Wet	3/10/2021 4:38:00 AM	3/27/2021 3:03:00 AM	1-Methylnaphthalene	n/a	<	0.12	µg/L	EPA 8270C	0.12	0.5	WKL	
MO-CAM	2020/21-3	Wet	3/10/2021 4:38:00 AM	3/26/2021 1:52:00 AM	2,4,5-Trichlorophenol	n/a	<	1.4	µg/L	EPA 8270C	1.4	5	WKL	
MO-CAM	2020/21-3	Wet	3/10/2021 4:38:00 AM	4/2/2021 12:51:00 AM	2,4,6-Trichlorophenol	n/a	<	1.1	µg/L	EPA 625.1	1.1	5	WKL	
MO-CAM	2020/21-3	Wet	3/10/2021 4:38:00 AM	3/26/2021 1:52:00 AM	2,4,6-Trichlorophenol	n/a	<	1.5	µg/L	EPA 8270C	1.5	5	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-CAM	2020/21-3	Wet	3/10/2021 4:38:00 AM	3/26/2021 1:52:00 AM	2,4-Dichlorophenol	n/a	<	2.6	µg/L	EPA 8270C	2.6	5	WKL	
MO-CAM	2020/21-3	Wet	3/10/2021 4:38:00 AM	4/2/2021 12:51:00 AM	2,4-Dichlorophenol	n/a	<	1.3	µg/L	EPA 625.1	1.3	5	WKL	
MO-CAM	2020/21-3	Wet	3/10/2021 4:38:00 AM	4/2/2021 12:51:00 AM	2,4-Dimethylphenol	n/a	<	1.5	µg/L	EPA 625.1	1.5	5	WKL	
MO-CAM	2020/21-3	Wet	3/10/2021 4:38:00 AM	3/26/2021 1:52:00 AM	2,4-Dimethylphenol	n/a	<	5	µg/L	EPA 8270C	5	10	WKL	
MO-CAM	2020/21-3	Wet	3/10/2021 4:38:00 AM	4/2/2021 12:51:00 AM	2,4-Dinitrophenol	n/a	<	9.4	µg/L	EPA 625.1	9.4	50	WKL	
MO-CAM	2020/21-3	Wet	3/10/2021 4:38:00 AM	3/26/2021 1:52:00 AM	2,4-Dinitrophenol	n/a	<	5	µg/L	EPA 8270C	5	10	WKL	
MO-CAM	2020/21-3	Wet	3/10/2021 4:38:00 AM	4/2/2021 12:51:00 AM	2,4-Dinitrotoluene	n/a	<	0.9	µg/L	EPA 625.1	0.9	5	WKL	
MO-CAM	2020/21-3	Wet	3/10/2021 4:38:00 AM	4/2/2021 12:51:00 AM	2,6-Dinitrotoluene	n/a	<	1.4	µg/L	EPA 625.1	1.4	5	WKL	
MO-CAM	2020/21-3	Wet	3/10/2021 4:38:00 AM	4/2/2021 12:51:00 AM	2-Chloronaphthalene	n/a	<	2.2	µg/L	EPA 625.1	2.2	5	WKL	
MO-CAM	2020/21-3	Wet	3/10/2021 4:38:00 AM	4/2/2021 12:51:00 AM	2-Chlorophenol	n/a	<	1.4	µg/L	EPA 625.1	1.4	5	WKL	
MO-CAM	2020/21-3	Wet	3/10/2021 4:38:00 AM	3/26/2021 1:52:00 AM	2-Chlorophenol	n/a	<	3.2	µg/L	EPA 8270C	3.2	5	WKL	
MO-CAM	2020/21-3	Wet	3/10/2021 4:38:00 AM	3/27/2021 3:03:00 AM	2-Methylnaphthalene	n/a	<	0.13	µg/L	EPA 8270C	0.13	0.5	WKL	
MO-CAM	2020/21-3	Wet	3/10/2021 4:38:00 AM	3/26/2021 1:52:00 AM	2-Methylphenol	n/a	<	1.7	µg/L	EPA 8270C	1.7	5	WKL	
MO-CAM	2020/21-3	Wet	3/10/2021 4:38:00 AM	3/26/2021 1:52:00 AM	2-Nitrophenol	n/a	<	3.6	µg/L	EPA 8270C	3.6	5	WKL	
MO-CAM	2020/21-3	Wet	3/10/2021 4:38:00 AM	4/2/2021 12:51:00 AM	2-Nitrophenol	n/a	<	1.3	µg/L	EPA 625.1	1.3	5	WKL	
MO-CAM	2020/21-3	Wet	3/10/2021 4:38:00 AM	4/2/2021 12:51:00 AM	3,3'-Dichlorobenzidine	n/a	<	5	µg/L	EPA 625.1	5	25	WKL	
MO-CAM	2020/21-3	Wet	3/10/2021 4:38:00 AM	3/26/2021 1:52:00 AM	3-4-Methylphenol	n/a	<	1.5	µg/L	EPA 8270C	1.5	5	WKL	
MO-CAM	2020/21-3	Wet	3/10/2021 4:38:00 AM	4/2/2021 12:51:00 AM	4,6-Dinitro-2-methylphenol	n/a	<	7	µg/L	EPA 625.1	7	25	WKL	
MO-CAM	2020/21-3	Wet	3/10/2021 4:38:00 AM	3/26/2021 1:52:00 AM	4,6-Dinitro-2-methylphenol	n/a	<	0.7	µg/L	EPA 8270C	0.7	5	WKL	
MO-CAM	2020/21-3	Wet	3/10/2021 4:38:00 AM	4/2/2021 12:51:00 AM	4-Bromophenyl phenyl ether	n/a	<	1.8	µg/L	EPA 625.1	1.8	5	WKL	
MO-CAM	2020/21-3	Wet	3/10/2021 4:38:00 AM	4/2/2021 12:51:00 AM	4-Chloro-3-methylphenol	n/a	<	1.2	µg/L	EPA 625.1	1.2	5	WKL	
MO-CAM	2020/21-3	Wet	3/10/2021 4:38:00 AM	3/26/2021 1:52:00 AM	4-Chloro-3-methylphenol	n/a	<	1.8	µg/L	EPA 8270C	1.8	5	WKL	
MO-CAM	2020/21-3	Wet	3/10/2021 4:38:00 AM	4/2/2021 12:51:00 AM	4-Chlorophenyl phenyl ether	n/a	<	2	µg/L	EPA 625.1	2	5	WKL	
MO-CAM	2020/21-3	Wet	3/10/2021 4:38:00 AM	4/2/2021 12:51:00 AM	4-Nitrophenol	n/a	<	6.2	µg/L	EPA 625.1	6.2	25	WKL	
MO-CAM	2020/21-3	Wet	3/10/2021 4:38:00 AM	3/26/2021 1:52:00 AM	4-Nitrophenol	n/a	<	5	µg/L	EPA 8270C	5	10	WKL	
MO-CAM	2020/21-3	Wet	3/10/2021 4:38:00 AM	3/27/2021 3:03:00 AM	Acenaphthene	n/a	<	0.14	µg/L	EPA 8270C	0.14	0.5	WKL	
MO-CAM	2020/21-3	Wet	3/10/2021 4:38:00 AM	4/2/2021 12:51:00 AM	Acenaphthene	n/a	<	1.9	µg/L	EPA 625.1	1.9	5	WKL	
MO-CAM	2020/21-3	Wet	3/10/2021 4:38:00 AM	4/2/2021 12:51:00 AM	Acenaphthylene	n/a	<	0.85	µg/L	EPA 625.1	0.85	5	WKL	
MO-CAM	2020/21-3	Wet	3/10/2021 4:38:00 AM	3/27/2021 3:03:00 AM	Acenaphthylene	n/a	<	0.16	µg/L	EPA 8270C	0.16	0.5	WKL	
MO-CAM	2020/21-3	Wet	3/10/2021 4:38:00 AM	4/2/2021 12:51:00 AM	Anthracene	n/a	<	0.6	µg/L	EPA 625.1	0.6	5	WKL	
MO-CAM	2020/21-3	Wet	3/10/2021 4:38:00 AM	3/27/2021 3:03:00 AM	Anthracene	n/a	<	0.12	µg/L	EPA 8270C	0.12	0.5	WKL	
MO-CAM	2020/21-3	Wet	3/10/2021 4:38:00 AM	4/2/2021 12:51:00 AM	Benz(a)anthracene	n/a	<	0.95	µg/L	EPA 625.1	0.95	5	WKL	
MO-CAM	2020/21-3	Wet	3/10/2021 4:38:00 AM	3/27/2021 3:03:00 AM	Benz(a)anthracene	n/a	<	0.26	µg/L	EPA 8270C	0.26	0.5	WKL	
MO-CAM	2020/21-3	Wet	3/10/2021 4:38:00 AM	4/2/2021 12:51:00 AM	Benzenzidine	n/a	<	7.2	µg/L	EPA 625.1	7.2	50	WKL	
MO-CAM	2020/21-3	Wet	3/10/2021 4:38:00 AM	4/2/2021 12:51:00 AM	Benzo(a)pyrene	n/a	<	2	µg/L	EPA 625.1	2	5	WKL	
MO-CAM	2020/21-3	Wet	3/10/2021 4:38:00 AM	3/27/2021 3:03:00 AM	Benzo(a)pyrene	n/a	<	0.26	µg/L	EPA 8270C	0.26	0.5	WKL	
MO-CAM	2020/21-3	Wet	3/10/2021 4:38:00 AM	3/17/2021 4:34:00 AM	Benzo(a)pyrene	n/a	<	0.08	µg/L	EPA 525.2	0.08	0.4	WKL	
MO-CAM	2020/21-3	Wet	3/10/2021 4:38:00 AM	3/27/2021 3:03:00 AM	Benzo(b)fluoranthene	n/a	DNQ	0.19	µg/L	EPA 8270C	0.14	0.5	WKL	UL-IP, UL-MB
MO-CAM	2020/21-3	Wet	3/10/2021 4:38:00 AM	4/2/2021 12:51:00 AM	Benzo(b)fluoranthene	n/a	<	2.3	µg/L	EPA 625.1	2.3	5	WKL	
MO-CAM	2020/21-3	Wet	3/10/2021 4:38:00 AM	4/2/2021 12:51:00 AM	Benzo(g,h,i)perylene	n/a	<	2.1	µg/L	EPA 625.1	2.1	10	WKL	
MO-CAM	2020/21-3	Wet	3/10/2021 4:38:00 AM	3/27/2021 3:03:00 AM	Benzo(g,h,i)perylene	n/a	<	0.25	µg/L	EPA 8270C	0.25	0.5	WKL	
MO-CAM	2020/21-3	Wet	3/10/2021 4:38:00 AM	4/2/2021 12:51:00 AM	Benzo(k)fluoranthene	n/a	<	1.1	µg/L	EPA 625.1	1.1	5	WKL	
MO-CAM	2020/21-3	Wet	3/10/2021 4:38:00 AM	3/27/2021 3:03:00 AM	Benzo(k)fluoranthene	n/a	DNQ	0.16	µg/L	EPA 8270C	0.13	0.5	WKL	UL-IP, UL-MB
MO-CAM	2020/21-3	Wet	3/10/2021 4:38:00 AM	4/2/2021 12:51:00 AM	Bis(2-chloroethoxy)methane	n/a	<	1.2	µg/L	EPA 625.1	1.2	5	WKL	
MO-CAM	2020/21-3	Wet	3/10/2021 4:38:00 AM	4/2/2021 12:51:00 AM	Bis(2-chloroethyl)ether	n/a	<	1.4	µg/L	EPA 625.1	1.4	5	WKL	
MO-CAM	2020/21-3	Wet	3/10/2021 4:38:00 AM	4/2/2021 12:51:00 AM	Bis(2-chloroisopropyl)ether	n/a	<	1.9	µg/L	EPA 625.1	1.9	5	WKL	
MO-CAM	2020/21-3	Wet	3/10/2021 4:38:00 AM	3/17/2021 4:34:00 AM	Bis(2-ethylhexyl)adipate	n/a	DNQ	2.7	µg/L	EPA 525.2	0.48	20	WKL	HB-LCSR
MO-CAM	2020/21-3	Wet	3/10/2021 4:38:00 AM	4/2/2021 12:51:00 AM	Bis(2-ethylhexyl)phthalate	n/a	<	12	µg/L	EPA 625.1	12	25	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-CAM	2020/21-3	Wet	3/10/2021 4:38:00 AM	3/17/2021 4:34:00 AM	Bis(2-ethylhexyl)phthalate	n/a	DNQ	2.6	µg/L	EPA 525.2	1.6	12	WKL	UL-MB
MO-CAM	2020/21-3	Wet	3/10/2021 4:38:00 AM	4/2/2021 12:51:00 AM	Butyl benzyl phthalate	n/a	DNQ	2.2	µg/L	EPA 625.1	0.9	5	WKL	
MO-CAM	2020/21-3	Wet	3/10/2021 4:38:00 AM	4/2/2021 12:51:00 AM	Chrysene	n/a	<	0.95	µg/L	EPA 625.1	0.95	5	WKL	
MO-CAM	2020/21-3	Wet	3/10/2021 4:38:00 AM	3/27/2021 3:03:00 AM	Chrysene	n/a	<	0.16	µg/L	EPA 8270C	0.16	0.5	WKL	
MO-CAM	2020/21-3	Wet	3/10/2021 4:38:00 AM	4/2/2021 12:51:00 AM	Dibenz(a,h)anthracene	n/a	<	2.6	µg/L	EPA 625.1	2.6	10	WKL	
MO-CAM	2020/21-3	Wet	3/10/2021 4:38:00 AM	3/27/2021 3:03:00 AM	Dibenz(a,h)anthracene	n/a	<	0.48	µg/L	EPA 8270C	0.48	0.5	WKL	
MO-CAM	2020/21-3	Wet	3/10/2021 4:38:00 AM	4/2/2021 12:51:00 AM	Diethyl phthalate	n/a	<	0.75	µg/L	EPA 625.1	0.75	5	WKL	
MO-CAM	2020/21-3	Wet	3/10/2021 4:38:00 AM	4/2/2021 12:51:00 AM	Dimethyl phthalate	n/a	<	0.9	µg/L	EPA 625.1	0.9	5	WKL	
MO-CAM	2020/21-3	Wet	3/10/2021 4:38:00 AM	4/2/2021 12:51:00 AM	Di-n-butylphthalate	n/a	<	0.5	µg/L	EPA 625.1	0.5	5	WKL	
MO-CAM	2020/21-3	Wet	3/10/2021 4:38:00 AM	4/2/2021 12:51:00 AM	Di-n-octylphthalate	n/a	<	2.3	µg/L	EPA 625.1	2.3	5	WKL	
MO-CAM	2020/21-3	Wet	3/10/2021 4:38:00 AM	4/2/2021 12:51:00 AM	Fluoranthene	n/a	<	0.4	µg/L	EPA 625.1	0.4	5	WKL	
MO-CAM	2020/21-3	Wet	3/10/2021 4:38:00 AM	3/27/2021 3:03:00 AM	Fluoranthene	n/a	<	0.2	µg/L	EPA 8270C	0.2	0.5	WKL	
MO-CAM	2020/21-3	Wet	3/10/2021 4:38:00 AM	4/2/2021 12:51:00 AM	Fluorene	n/a	<	1.8	µg/L	EPA 625.1	1.8	5	WKL	
MO-CAM	2020/21-3	Wet	3/10/2021 4:38:00 AM	3/27/2021 3:03:00 AM	Fluorene	n/a	<	0.14	µg/L	EPA 8270C	0.14	0.5	WKL	
MO-CAM	2020/21-3	Wet	3/10/2021 4:38:00 AM	4/2/2021 12:51:00 AM	Hexachlorobenzene	n/a	<	2.4	µg/L	EPA 625.1	2.4	5	WKL	
MO-CAM	2020/21-3	Wet	3/10/2021 4:38:00 AM	4/2/2021 12:51:00 AM	Hexachlorobutadiene	n/a	<	2.4	µg/L	EPA 625.1	2.4	5	WKL	
MO-CAM	2020/21-3	Wet	3/10/2021 4:38:00 AM	4/2/2021 12:51:00 AM	Hexachlorocyclopentadiene	n/a	<	4.9	µg/L	EPA 625.1	4.9	25	WKL	
MO-CAM	2020/21-3	Wet	3/10/2021 4:38:00 AM	4/2/2021 12:51:00 AM	Hexachloroethane	n/a	<	2.5	µg/L	EPA 625.1	2.5	5	WKL	
MO-CAM	2020/21-3	Wet	3/10/2021 4:38:00 AM	4/2/2021 12:51:00 AM	Indeno(1,2,3-cd)pyrene	n/a	<	2.8	µg/L	EPA 625.1	2.8	10	WKL	
MO-CAM	2020/21-3	Wet	3/10/2021 4:38:00 AM	3/27/2021 3:03:00 AM	Indeno(1,2,3-cd)pyrene	n/a	<	0.32	µg/L	EPA 8270C	0.32	0.5	WKL	
MO-CAM	2020/21-3	Wet	3/10/2021 4:38:00 AM	4/2/2021 12:51:00 AM	Isophorone	n/a	<	1	µg/L	EPA 625.1	1	5	WKL	
MO-CAM	2020/21-3	Wet	3/10/2021 4:38:00 AM	4/2/2021 12:51:00 AM	Naphthalene	n/a	<	2.4	µg/L	EPA 625.1	2.4	5	WKL	
MO-CAM	2020/21-3	Wet	3/10/2021 4:38:00 AM	3/27/2021 3:03:00 AM	Naphthalene	n/a	<	0.13	µg/L	EPA 8270C	0.13	0.5	WKL	
MO-CAM	2020/21-3	Wet	3/10/2021 4:38:00 AM	4/2/2021 12:51:00 AM	Nitrobenzene	n/a	<	1.8	µg/L	EPA 625.1	1.8	5	WKL	
MO-CAM	2020/21-3	Wet	3/10/2021 4:38:00 AM	4/2/2021 12:51:00 AM	N-Nitrosodimethylamine	n/a	<	2.5	µg/L	EPA 625.1	2.5	5	WKL	
MO-CAM	2020/21-3	Wet	3/10/2021 4:38:00 AM	4/2/2021 12:51:00 AM	N-Nitrosodi-N-propylamine	n/a	<	1.3	µg/L	EPA 625.1	1.3	5	WKL	
MO-CAM	2020/21-3	Wet	3/10/2021 4:38:00 AM	4/2/2021 12:51:00 AM	N-Nitrosodiphenylamine	n/a	<	0.95	µg/L	EPA 625.1	0.95	5	WKL	
MO-CAM	2020/21-3	Wet	3/10/2021 4:38:00 AM	4/2/2021 12:51:00 AM	Phenanthrene	n/a	<	1.6	µg/L	EPA 625.1	1.6	5	WKL	
MO-CAM	2020/21-3	Wet	3/10/2021 4:38:00 AM	3/27/2021 3:03:00 AM	Phenanthrene	n/a	<	0.14	µg/L	EPA 8270C	0.14	0.5	WKL	
MO-CAM	2020/21-3	Wet	3/10/2021 4:38:00 AM	4/2/2021 12:51:00 AM	Phenol	n/a	<	0.8	µg/L	EPA 625.1	0.8	5	WKL	
MO-CAM	2020/21-3	Wet	3/10/2021 4:38:00 AM	3/26/2021 1:52:00 AM	Phenol	n/a	<	1.8	µg/L	EPA 8270C	1.8	5	WKL	
MO-CAM	2020/21-3	Wet	3/10/2021 4:38:00 AM	4/2/2021 12:51:00 AM	Pyrene	n/a	<	1.2	µg/L	EPA 625.1	1.2	5	WKL	
MO-CAM	2020/21-3	Wet	3/10/2021 4:38:00 AM	3/27/2021 3:03:00 AM	Pyrene	n/a	<	0.2	µg/L	EPA 8270C	0.2	0.5	WKL	
MO-CAM	2020/21-3	Wet	3/10/2021 4:38:00 AM	4/2/2021 11:30:00 PM	PCB Aroclor 1016	n/a	<	5	µg/L	EPA 608.3	5	5	WKL	
MO-CAM	2020/21-3	Wet	3/10/2021 4:38:00 AM	4/2/2021 11:30:00 PM	PCB Aroclor 1221	n/a	<	5	µg/L	EPA 608.3	5	5	WKL	
MO-CAM	2020/21-3	Wet	3/10/2021 4:38:00 AM	4/2/2021 11:30:00 PM	PCB Aroclor 1232	n/a	<	5	µg/L	EPA 608.3	5	5	WKL	
MO-CAM	2020/21-3	Wet	3/10/2021 4:38:00 AM	4/2/2021 11:30:00 PM	PCB Aroclor 1242	n/a	<	5	µg/L	EPA 608.3	5	5	WKL	
MO-CAM	2020/21-3	Wet	3/10/2021 4:38:00 AM	4/2/2021 11:30:00 PM	PCB Aroclor 1248	n/a	<	5	µg/L	EPA 608.3	5	5	WKL	
MO-CAM	2020/21-3	Wet	3/10/2021 4:38:00 AM	4/2/2021 11:30:00 PM	PCB Aroclor 1254	n/a	<	5	µg/L	EPA 608.3	5	5	WKL	
MO-CAM	2020/21-3	Wet	3/10/2021 4:38:00 AM	4/2/2021 11:30:00 PM	PCB Aroclor 1260	n/a	<	5	µg/L	EPA 608.3	5	5	WKL	
MO-CAM	2020/21-3	Wet	3/10/2021 4:38:00 AM	3/27/2021 7:12:00 PM	2,4,5-T	n/a	<	0.28	µg/L	EPA 515.4	0.28	1	WKL	
MO-CAM	2020/21-3	Wet	3/10/2021 4:38:00 AM	3/27/2021 7:12:00 PM	2,4,5-TP	n/a	<	0.23	µg/L	EPA 515.4	0.23	1	WKL	
MO-CAM	2020/21-3	Wet	3/10/2021 4:38:00 AM	3/27/2021 7:12:00 PM	2,4-D	n/a	<	0.7	µg/L	EPA 515.4	0.7	2	WKL	
MO-CAM	2020/21-3	Wet	3/10/2021 4:38:00 AM	3/27/2021 7:12:00 PM	2,4-DB	n/a	<	10	µg/L	EPA 515.4	10	10	WKL	
MO-CAM	2020/21-3	Wet	3/10/2021 4:38:00 AM	3/27/2021 7:12:00 PM	3,5-Dichlorobenzoic acid	n/a	<	0.6	µg/L	EPA 515.4	0.6	5	WKL	
MO-CAM	2020/21-3	Wet	3/10/2021 4:38:00 AM	4/2/2021 11:30:00 PM	4,4'-DDD	n/a	<	0.007	µg/L	EPA 608.3	0.007	0.5	WKL	
MO-CAM	2020/21-3	Wet	3/10/2021 4:38:00 AM	4/2/2021 11:30:00 PM	4,4'-DDE	n/a	DNQ	0.043	µg/L	EPA 608.3	0.007	0.5	WKL	
MO-CAM	2020/21-3	Wet	3/10/2021 4:38:00 AM	4/2/2021 11:30:00 PM	4,4'-DDT	n/a	DNQ	0.015	µg/L	EPA 608.3	0.011	0.1	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-CAM	2020/21-3	Wet	3/10/2021 4:38:00 AM	3/27/2021 7:12:00 PM	Acifluorfen	n/a	<	0.36	µg/L	EPA 515.4	0.36	2	WKL	
MO-CAM	2020/21-3	Wet	3/10/2021 4:38:00 AM	3/17/2021 4:34:00 AM	Alachlor	n/a	<	0.12	µg/L	EPA 525.2	0.12	0.4	WKL	
MO-CAM	2020/21-3	Wet	3/10/2021 4:38:00 AM	4/2/2021 11:30:00 PM	Aldrin	n/a	<	0.01	µg/L	EPA 608.3	0.01	0.05	WKL	
MO-CAM	2020/21-3	Wet	3/10/2021 4:38:00 AM	4/2/2021 11:30:00 PM	alpha-BHC	n/a	<	0.011	µg/L	EPA 608.3	0.011	0.1	WKL	
MO-CAM	2020/21-3	Wet	3/10/2021 4:38:00 AM	4/2/2021 11:30:00 PM	alpha-Chlordane	n/a	<	0.029	µg/L	EPA 608.3	0.029	0.1	WKL	
MO-CAM	2020/21-3	Wet	3/10/2021 4:38:00 AM	3/17/2021 4:34:00 AM	Atrazine	n/a	<	0.12	µg/L	EPA 525.2	0.12	0.4	WKL	
MO-CAM	2020/21-3	Wet	3/10/2021 4:38:00 AM	3/18/2021 1:11:00 AM	Azinphos methyl	n/a	<	0.011	µg/L	EPA 625.1m	0.011	0.02	WKL	
MO-CAM	2020/21-3	Wet	3/10/2021 4:38:00 AM	3/27/2021 7:12:00 PM	Bentazon	n/a	<	1.2	µg/L	EPA 515.4	1.2	10	WKL	
MO-CAM	2020/21-3	Wet	3/10/2021 4:38:00 AM	4/2/2021 11:30:00 PM	beta-BHC	n/a	<	0.015	µg/L	EPA 608.3	0.015	0.05	WKL	
MO-CAM	2020/21-3	Wet	3/10/2021 4:38:00 AM	3/18/2021 1:11:00 AM	Bolstar	n/a	<	0.0092	µg/L	EPA 625.1m	0.0092	0.02	WKL	
MO-CAM	2020/21-3	Wet	3/10/2021 4:38:00 AM	3/17/2021 4:34:00 AM	Bromacil	n/a	DNQ	1.9	µg/L	EPA 525.2	0.64	2	WKL	
MO-CAM	2020/21-3	Wet	3/10/2021 4:38:00 AM	3/17/2021 4:34:00 AM	Butachlor	n/a	<	0.12	µg/L	EPA 525.2	0.12	0.4	WKL	
MO-CAM	2020/21-3	Wet	3/10/2021 4:38:00 AM	3/17/2021 4:34:00 AM	Captan	n/a	<	0.64	µg/L	EPA 525.2	0.64	4	WKL	
MO-CAM	2020/21-3	Wet	3/10/2021 4:38:00 AM	4/2/2021 11:30:00 PM	Chlordane (technical)	n/a	<	5	µg/L	EPA 608.3	5	5	WKL	
MO-CAM	2020/21-3	Wet	3/10/2021 4:38:00 AM	3/17/2021 4:34:00 AM	Chlorpropham	n/a	<	0.16	µg/L	EPA 525.2	0.16	0.4	WKL	
MO-CAM	2020/21-3	Wet	3/10/2021 4:38:00 AM	3/18/2021 1:11:00 AM	Chlorpyrifos	n/a	<	0.014	µg/L	EPA 625.1m	0.014	0.02	WKL	
MO-CAM	2020/21-3	Wet	3/10/2021 4:38:00 AM	3/18/2021 1:11:00 AM	Coumaphos	n/a	<	0.01	µg/L	EPA 625.1m	0.01	0.02	WKL	
MO-CAM	2020/21-3	Wet	3/10/2021 4:38:00 AM	3/17/2021 4:34:00 AM	Cyanazine	n/a	<	0.16	µg/L	EPA 525.2	0.16	0.4	WKL	
MO-CAM	2020/21-3	Wet	3/10/2021 4:38:00 AM	3/27/2021 7:12:00 PM	Dalapon	n/a	<	0.55	µg/L	EPA 515.4	0.55	2	WKL	
MO-CAM	2020/21-3	Wet	3/10/2021 4:38:00 AM	3/27/2021 7:12:00 PM	DCPA (Dacthal)	n/a	<	0.26	µg/L	EPA 515.4	0.26	0.5	WKL	
MO-CAM	2020/21-3	Wet	3/10/2021 4:38:00 AM	4/2/2021 11:30:00 PM	delta-BHC	n/a	<	0.019	µg/L	EPA 608.3	0.019	0.05	WKL	
MO-CAM	2020/21-3	Wet	3/10/2021 4:38:00 AM	3/18/2021 1:11:00 AM	Demeton-O	n/a	<	0.02	µg/L	EPA 625.1m	0.02	0.02	WKL	
MO-CAM	2020/21-3	Wet	3/10/2021 4:38:00 AM	3/18/2021 1:11:00 AM	Demeton-S	n/a	<	0.02	µg/L	EPA 625.1m	0.02	0.02	WKL	
MO-CAM	2020/21-3	Wet	3/10/2021 4:38:00 AM	3/17/2021 4:34:00 AM	Diazinon	n/a	<	0.2	µg/L	EPA 525.2	0.2	0.4	WKL	
MO-CAM	2020/21-3	Wet	3/10/2021 4:38:00 AM	3/18/2021 1:11:00 AM	Diazinon	n/a	<	0.01	µg/L	EPA 625.1m	0.01	0.02	WKL	
MO-CAM	2020/21-3	Wet	3/10/2021 4:38:00 AM	3/27/2021 7:12:00 PM	Dicamba	n/a	<	0.38	µg/L	EPA 515.4	0.38	3	WKL	
MO-CAM	2020/21-3	Wet	3/10/2021 4:38:00 AM	3/27/2021 7:12:00 PM	Dichlorprop	n/a	<	0.6	µg/L	EPA 515.4	0.6	1.5	WKL	
MO-CAM	2020/21-3	Wet	3/10/2021 4:38:00 AM	3/18/2021 1:11:00 AM	Dichlorvos	n/a	<	0.0058	µg/L	EPA 625.1m	0.0058	0.02	WKL	
MO-CAM	2020/21-3	Wet	3/10/2021 4:38:00 AM	4/2/2021 11:30:00 PM	Dieldrin	n/a	<	0.008	µg/L	EPA 608.3	0.008	0.1	WKL	
MO-CAM	2020/21-3	Wet	3/10/2021 4:38:00 AM	3/17/2021 4:34:00 AM	Dimethoate	n/a	<	0.08	µg/L	EPA 525.2	0.08	0.8	WKL	
MO-CAM	2020/21-3	Wet	3/10/2021 4:38:00 AM	3/18/2021 1:11:00 AM	Dimethoate	n/a	<	0.012	µg/L	EPA 625.1m	0.012	0.02	WKL	
MO-CAM	2020/21-3	Wet	3/10/2021 4:38:00 AM	3/27/2021 7:12:00 PM	Dinoseb	n/a	<	0.28	µg/L	EPA 515.4	0.28	2	WKL	
MO-CAM	2020/21-3	Wet	3/10/2021 4:38:00 AM	3/17/2021 4:34:00 AM	Diphenamid	n/a	<	0.12	µg/L	EPA 525.2	0.12	0.4	WKL	
MO-CAM	2020/21-3	Wet	3/10/2021 4:38:00 AM	3/17/2021 4:34:00 AM	Disulfoton	n/a	<	0.16	µg/L	EPA 525.2	0.16	0.4	WKL	
MO-CAM	2020/21-3	Wet	3/10/2021 4:38:00 AM	3/18/2021 1:11:00 AM	Disulfoton	n/a	<	0.02	µg/L	EPA 625.1m	0.02	0.02	WKL	
MO-CAM	2020/21-3	Wet	3/10/2021 4:38:00 AM	4/2/2021 11:30:00 PM	Endosulfan I	n/a	<	0.009	µg/L	EPA 608.3	0.009	0.2	WKL	
MO-CAM	2020/21-3	Wet	3/10/2021 4:38:00 AM	4/2/2021 11:30:00 PM	Endosulfan II	n/a	<	0.007	µg/L	EPA 608.3	0.007	0.1	WKL	
MO-CAM	2020/21-3	Wet	3/10/2021 4:38:00 AM	4/2/2021 11:30:00 PM	Endosulfan sulfate	n/a	<	0.013	µg/L	EPA 608.3	0.013	0.5	WKL	
MO-CAM	2020/21-3	Wet	3/10/2021 4:38:00 AM	4/2/2021 11:30:00 PM	Endrin	n/a	<	0.017	µg/L	EPA 608.3	0.017	0.1	WKL	
MO-CAM	2020/21-3	Wet	3/10/2021 4:38:00 AM	4/2/2021 11:30:00 PM	Endrin aldehyde	n/a	<	0.019	µg/L	EPA 608.3	0.019	0.1	WKL	
MO-CAM	2020/21-3	Wet	3/10/2021 4:38:00 AM	3/17/2021 4:34:00 AM	EPTC	n/a	<	0.08	µg/L	EPA 525.2	0.08	0.4	WKL	
MO-CAM	2020/21-3	Wet	3/10/2021 4:38:00 AM	3/18/2021 1:11:00 AM	Ethoprop	n/a	<	0.013	µg/L	EPA 625.1m	0.013	0.02	WKL	
MO-CAM	2020/21-3	Wet	3/10/2021 4:38:00 AM	3/18/2021 1:11:00 AM	Ethyl parathion	n/a	<	0.011	µg/L	EPA 625.1m	0.011	0.02	WKL	
MO-CAM	2020/21-3	Wet	3/10/2021 4:38:00 AM	3/18/2021 1:11:00 AM	Fensulfthion	n/a	<	0.0058	µg/L	EPA 625.1m	0.0058	0.02	WKL	
MO-CAM	2020/21-3	Wet	3/10/2021 4:38:00 AM	3/18/2021 1:11:00 AM	Fenthion	n/a	<	0.0076	µg/L	EPA 625.1m	0.0076	0.02	WKL	
MO-CAM	2020/21-3	Wet	3/10/2021 4:38:00 AM	4/2/2021 11:30:00 PM	gamma-BHC (Lindane)	n/a	<	0.004	µg/L	EPA 608.3	0.004	0.2	WKL	
MO-CAM	2020/21-3	Wet	3/10/2021 4:38:00 AM	4/2/2021 11:30:00 PM	gamma-Chlordane	n/a	<	0.023	µg/L	EPA 608.3	0.023	0.1	WKL	
MO-CAM	2020/21-3	Wet	3/10/2021 4:38:00 AM	3/18/2021 2:56:00 AM	Glyphosate	n/a	<	36	µg/L	EPA 547	36	100	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-CAM	2020/21-3	Wet	3/10/2021 4:38:00 AM	4/2/2021 11:30:00 PM	Heptachlor	n/a	<	0.1	µg/L	EPA 608.3	0.1	0.1	WKL	
MO-CAM	2020/21-3	Wet	3/10/2021 4:38:00 AM	4/2/2021 11:30:00 PM	Heptachlor epoxide	n/a	<	0.1	µg/L	EPA 608.3	0.1	0.1	WKL	
MO-CAM	2020/21-3	Wet	3/10/2021 4:38:00 AM	3/18/2021 1:11:00 AM	Malathion	n/a	=	0.022	µg/L	EPA 625.1m	0.015	0.02	WKL	
MO-CAM	2020/21-3	Wet	3/10/2021 4:38:00 AM	3/18/2021 1:11:00 AM	Merphos	n/a	<	0.012	µg/L	EPA 625.1m	0.012	0.02	WKL	
MO-CAM	2020/21-3	Wet	3/10/2021 4:38:00 AM	3/18/2021 1:11:00 AM	Methyl parathion	n/a	<	0.013	µg/L	EPA 625.1m	0.013	0.02	WKL	
MO-CAM	2020/21-3	Wet	3/10/2021 4:38:00 AM	3/17/2021 4:34:00 AM	Metolachlor	n/a	<	0.12	µg/L	EPA 525.2	0.12	0.4	WKL	
MO-CAM	2020/21-3	Wet	3/10/2021 4:38:00 AM	3/17/2021 4:34:00 AM	Metribuzin	n/a	<	0.12	µg/L	EPA 525.2	0.12	0.4	WKL	
MO-CAM	2020/21-3	Wet	3/10/2021 4:38:00 AM	3/18/2021 1:11:00 AM	Mevinphos	n/a	<	0.0084	µg/L	EPA 625.1m	0.0084	0.02	WKL	
MO-CAM	2020/21-3	Wet	3/10/2021 4:38:00 AM	3/17/2021 4:34:00 AM	Molinate	n/a	<	0.12	µg/L	EPA 525.2	0.12	0.4	WKL	
MO-CAM	2020/21-3	Wet	3/10/2021 4:38:00 AM	3/18/2021 1:11:00 AM	Naled	n/a	<	0.015	µg/L	EPA 625.1m	0.015	0.02	WKL	
MO-CAM	2020/21-3	Wet	3/10/2021 4:38:00 AM	4/2/2021 12:51:00 AM	Pentachlorophenol	n/a	<	2	µg/L	EPA 625.1	2	5	WKL	
MO-CAM	2020/21-3	Wet	3/10/2021 4:38:00 AM	3/26/2021 1:52:00 AM	Pentachlorophenol	n/a	<	0.75	µg/L	EPA 8270C	0.75	5	WKL	
MO-CAM	2020/21-3	Wet	3/10/2021 4:38:00 AM	3/27/2021 7:12:00 PM	Pentachlorophenol	n/a	<	0.23	µg/L	EPA 515.4	0.23	1	WKL	
MO-CAM	2020/21-3	Wet	3/10/2021 4:38:00 AM	3/18/2021 1:11:00 AM	Phorate	n/a	<	0.006	µg/L	EPA 625.1m	0.006	0.02	WKL	
MO-CAM	2020/21-3	Wet	3/10/2021 4:38:00 AM	3/27/2021 7:12:00 PM	Picloram	n/a	<	0.19	µg/L	EPA 515.4	0.19	3	WKL	
MO-CAM	2020/21-3	Wet	3/10/2021 4:38:00 AM	3/17/2021 4:34:00 AM	Prometon	n/a	<	0.04	µg/L	EPA 525.2	0.04	0.4	WKL	
MO-CAM	2020/21-3	Wet	3/10/2021 4:38:00 AM	3/17/2021 4:34:00 AM	Prometryn	n/a	<	0.12	µg/L	EPA 525.2	0.12	0.4	WKL	
MO-CAM	2020/21-3	Wet	3/10/2021 4:38:00 AM	3/18/2021 1:11:00 AM	Ronnel (Fenchlorphos)	n/a	<	0.0082	µg/L	EPA 625.1m	0.0082	0.02	WKL	
MO-CAM	2020/21-3	Wet	3/10/2021 4:38:00 AM	3/17/2021 4:34:00 AM	Simazine	n/a	<	0.08	µg/L	EPA 525.2	0.08	0.4	WKL	
MO-CAM	2020/21-3	Wet	3/10/2021 4:38:00 AM	3/18/2021 1:11:00 AM	Stirophos (Tetrachlorvinphos)	n/a	<	0.0062	µg/L	EPA 625.1m	0.0062	0.02	WKL	
MO-CAM	2020/21-3	Wet	3/10/2021 4:38:00 AM	3/17/2021 4:34:00 AM	Terbacil	n/a	<	0.36	µg/L	EPA 525.2	0.36	8	WKL	
MO-CAM	2020/21-3	Wet	3/10/2021 4:38:00 AM	3/10/2021 4:38:00 AM	Thiobencarb	n/a	<	0.12	µg/L	EPA 525.2	0.12	0.4	WKL	
MO-CAM	2020/21-3	Wet	3/10/2021 4:38:00 AM	3/18/2021 1:11:00 AM	Tokuthion	n/a	<	0.016	µg/L	EPA 625.1m	0.016	0.02	WKL	
MO-CAM	2020/21-3	Wet	3/10/2021 4:38:00 AM	4/2/2021 11:30:00 PM	Toxaphene	n/a	<	10	µg/L	EPA 608.3	10	10	WKL	
MO-CAM	2020/21-3	Wet	3/10/2021 4:38:00 AM	3/18/2021 1:11:00 AM	Trichloronate	n/a	<	0.013	µg/L	EPA 625.1m	0.013	0.02	WKL	
MO-CAM	2020/21-3	Wet	3/10/2021 4:38:00 AM	3/17/2021 4:34:00 AM	Triithion	n/a	<	0.08	µg/L	EPA 525.2	0.08	0.4	WKL	
MO-CAM	2020/21-4	Dry	4/29/2021 10:35:00 AM	4/30/2021 4:15:00 PM	Chloride	n/a	=	180	mg/L	EPA 300.0	0.17	1	WKL	
MO-CAM	2020/21-4	Dry	4/29/2021 10:35:00 AM	4/30/2021 4:15:00 PM	Fluoride	n/a	=	0.59	mg/L	EPA 300.0	0.018	0.2	WKL	
MO-CAM	2020/21-4	Dry	4/29/2021 10:35:00 AM	4/30/2021 10:39:00 PM	Perchlorate	n/a	<	1.7	µg/L	EPA 314.0	1.7	4	WKL	
MO-CAM	2020/21-4	Dry	4/29/2021 10:35:00 AM	4/30/2021 9:27:00 AM	E. Coli	n/a	=	1600	MPN/100 mL	SM 9223 B	-88	10	WKL	
MO-CAM	2020/21-4	Dry	4/29/2021 10:35:00 AM	4/30/2021 9:27:00 AM	Total Coliform	n/a	=	61000	MPN/100 mL	SM 9223 B	-88	100	WKL	
MO-CAM	2020/21-4	Dry	4/29/2021 10:35:00 AM	5/4/2021 6:20:00 PM	Calcium	Total	=	97.2	mg/L	EPA 200.7	0.16	0.5	WKL	
MO-CAM	2020/21-4	Dry	4/29/2021 10:35:00 AM	5/4/2021 6:20:00 PM	Magnesium	Total	=	23.2	mg/L	EPA 200.7	0.039	0.5	WKL	
MO-CAM	2020/21-4	Dry	4/29/2021 10:35:00 AM	5/4/2021 1:03:00 PM	Alkalinity as CaCO3	n/a	=	170	mg/L	SM 2320 B	0.56	5	WKL	
MO-CAM	2020/21-4	Dry	4/29/2021 10:35:00 AM	5/5/2021 2:54:00 PM	BOD	n/a	=	12	mg/L	SM 5210 B	2	2	WKL	
MO-CAM	2020/21-4	Dry	4/29/2021 10:35:00 AM	5/10/2021 11:10:00 AM	COD	n/a	=	79	mg/L	EPA 410.4	2.9	5	WKL	
MO-CAM	2020/21-4	Dry	4/29/2021 10:35:00 AM	4/29/2021 10:35:00 AM	Conductivity	n/a	=	1432	µmhos/cm	Field Meter	-88	1	Field Crew	
MO-CAM	2020/21-4	Dry	4/29/2021 10:35:00 AM	5/4/2021 2:51:00 PM	Cyanide	Total	=	0.0023	mg/L	ASTM D7511	0.0003	0.002	WKL	
MO-CAM	2020/21-4	Dry	4/29/2021 10:35:00 AM	4/29/2021 10:35:00 AM	DO	n/a	=	171.1	%	Field Meter	-88	0.1	Field Crew	
MO-CAM	2020/21-4	Dry	4/29/2021 10:35:00 AM	4/29/2021 10:35:00 AM	DO	n/a	=	15.78	mg/L	Field Meter	-88	0.3	Field Crew	
MO-CAM	2020/21-4	Dry	4/29/2021 10:35:00 AM	5/4/2021 6:20:00 PM	Hardness as CaCO3	Total	=	338	mg/L	EPA 200.7	0.56	3.31	WKL	
MO-CAM	2020/21-4	Dry	4/29/2021 10:35:00 AM	4/30/2021 6:27:00 PM	MBAS	n/a	=	0.091	mg/L	SM 5540 C	0.017	0.05	WKL	
MO-CAM	2020/21-4	Dry	4/29/2021 10:35:00 AM	4/29/2021 10:35:00 AM	pH	n/a	=	8.83	pH Units	Field Meter	-88	0.01	Field Crew	
MO-CAM	2020/21-4	Dry	4/29/2021 10:35:00 AM	5/4/2021 2:01:00 PM	Phenolics	n/a	=	0.023	mg/L	EPA 420.4	0.0032	0.01	WKL	
MO-CAM	2020/21-4	Dry	4/29/2021 10:35:00 AM	4/29/2021 10:35:00 AM	Salinity	n/a	=	800	mg/L	Field Meter	-88	100	Field Crew	
MO-CAM	2020/21-4	Dry	4/29/2021 10:35:00 AM	5/7/2021 1:09:00 PM	Specific Conductance	n/a	=	1500	µmhos/cm	SM 2510 B	0.7	6	WKL	
MO-CAM	2020/21-4	Dry	4/29/2021 10:35:00 AM	4/29/2021 10:35:00 AM	Specific Conductance	n/a	=	1596	µmhos/cm	Field Meter	-88	1	Field Crew	
MO-CAM	2020/21-4	Dry	4/29/2021 10:35:00 AM	4/29/2021 10:35:00 AM	Temperature	n/a	=	19.3	°C	Field Meter	-88	0.1	Field Crew	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-CAM	2020/21-4	Dry	4/29/2021 10:35:00 AM	5/3/2021 12:40:00 PM	Total Dissolved Solids	n/a	=	960	mg/L	SM 2540 C	4	10	WKL	
MO-CAM	2020/21-4	Dry	4/29/2021 10:35:00 AM	5/6/2021 12:00:00 PM	Total Organic Carbon	n/a	=	18	mg/L	SM 5310 B	0.096	0.3	WKL	
MO-CAM	2020/21-4	Dry	4/29/2021 10:35:00 AM	5/3/2021 1:20:00 PM	Total Suspended Solids	n/a	=	7	mg/L	SM 2540 D	-88	5	WKL	
MO-CAM	2020/21-4	Dry	4/29/2021 10:35:00 AM	4/29/2021 5:40:00 PM	Turbidity	n/a	=	3.1	NTU	EPA 180.1	0.017	0.1	WKL	
MO-CAM	2020/21-4	Dry	4/29/2021 10:35:00 AM	5/3/2021 1:20:00 PM	Volatile Suspended Solids	n/a	=	6	mg/L	EPA 160.4	3.1	5	WKL	
MO-CAM	2020/21-4	Dry	4/29/2021 10:35:00 AM	5/6/2021 12:15:00 AM	Diesel Range Organics	n/a	=	0.15	mg/L	EPA 8015B	0.032	0.1	WKL	UL-MB
MO-CAM	2020/21-4	Dry	4/29/2021 10:35:00 AM	5/4/2021 1:00:00 AM	Gasoline Range Organics	n/a	<	0.065	mg/L	LUFT GC/MS	0.065	0.1	WKL	
MO-CAM	2020/21-4	Dry	4/29/2021 10:35:00 AM	4/30/2021 3:28:00 PM	Oil and Grease	n/a	<	0.7	mg/L	EPA 1664B	0.7	5	WKL	
MO-CAM	2020/21-4	Dry	4/29/2021 10:35:00 AM	5/6/2021 12:15:00 AM	Oil Range Organics	n/a	<	0.33	mg/L	EPA 8015B	0.33	0.5	WKL	
MO-CAM	2020/21-4	Dry	4/29/2021 10:35:00 AM	5/4/2021 4:32:00 PM	Aluminum	Dissolved	<	4.4	µg/L	EPA 200.8	4.4	20	WKL	
MO-CAM	2020/21-4	Dry	4/29/2021 10:35:00 AM	5/4/2021 4:34:00 PM	Aluminum	Total	=	22	µg/L	EPA 200.8	4.4	20	WKL	
MO-CAM	2020/21-4	Dry	4/29/2021 10:35:00 AM	5/4/2021 4:32:00 PM	Antimony	Dissolved	=	0.72	µg/L	EPA 200.8	0.089	0.5	WKL	
MO-CAM	2020/21-4	Dry	4/29/2021 10:35:00 AM	5/4/2021 4:34:00 PM	Antimony	Total	=	0.72	µg/L	EPA 200.8	0.089	0.5	WKL	
MO-CAM	2020/21-4	Dry	4/29/2021 10:35:00 AM	5/4/2021 4:32:00 PM	Arsenic	Dissolved	=	2.7	µg/L	EPA 200.8	0.074	0.4	WKL	
MO-CAM	2020/21-4	Dry	4/29/2021 10:35:00 AM	5/4/2021 4:34:00 PM	Arsenic	Total	=	2.8	µg/L	EPA 200.8	0.074	0.4	WKL	
MO-CAM	2020/21-4	Dry	4/29/2021 10:35:00 AM	5/4/2021 4:34:00 PM	Barium	Total	=	56	µg/L	EPA 200.8	0.14	1	WKL	
MO-CAM	2020/21-4	Dry	4/29/2021 10:35:00 AM	5/4/2021 4:32:00 PM	Beryllium	Dissolved	<	0.062	µg/L	EPA 200.8	0.062	0.1	WKL	
MO-CAM	2020/21-4	Dry	4/29/2021 10:35:00 AM	5/4/2021 4:32:00 PM	Beryllium	Total	<	0.062	µg/L	EPA 200.8	0.062	0.1	WKL	
MO-CAM	2020/21-4	Dry	4/29/2021 10:35:00 AM	5/4/2021 4:32:00 PM	Cadmium	Dissolved	DNQ	0.1	µg/L	EPA 200.8	0.042	0.2	WKL	
MO-CAM	2020/21-4	Dry	4/29/2021 10:35:00 AM	5/4/2021 4:34:00 PM	Cadmium	Total	DNQ	0.11	µg/L	EPA 200.8	0.042	0.2	WKL	
MO-CAM	2020/21-4	Dry	4/29/2021 10:35:00 AM	5/4/2021 4:32:00 PM	Chromium	Dissolved	=	0.3	µg/L	EPA 200.8	0.089	0.2	WKL	
MO-CAM	2020/21-4	Dry	4/29/2021 10:35:00 AM	5/4/2021 4:34:00 PM	Chromium	Total	=	0.29	µg/L	EPA 200.8	0.089	0.2	WKL	
MO-CAM	2020/21-4	Dry	4/29/2021 10:35:00 AM	5/3/2021 7:23:00 PM	Chromium VI	n/a	=	0.55	µg/L	EPA 218.6	0.0079	0.02	WKL	
MO-CAM	2020/21-4	Dry	4/29/2021 10:35:00 AM	5/4/2021 4:32:00 PM	Copper	Dissolved	=	15	µg/L	EPA 200.8	0.23	0.5	WKL	
MO-CAM	2020/21-4	Dry	4/29/2021 10:35:00 AM	5/4/2021 4:34:00 PM	Copper	Total	=	16	µg/L	EPA 200.8	0.23	0.5	WKL	
MO-CAM	2020/21-4	Dry	4/29/2021 10:35:00 AM	5/4/2021 4:32:00 PM	Iron	Dissolved	=	29	µg/L	EPA 200.8	3.9	20	WKL	
MO-CAM	2020/21-4	Dry	4/29/2021 10:35:00 AM	5/4/2021 4:34:00 PM	Iron	Total	=	94	µg/L	EPA 200.8	3.9	20	WKL	
MO-CAM	2020/21-4	Dry	4/29/2021 10:35:00 AM	5/4/2021 4:32:00 PM	Lead	Dissolved	DNQ	0.11	µg/L	EPA 200.8	0.083	0.2	WKL	
MO-CAM	2020/21-4	Dry	4/29/2021 10:35:00 AM	5/4/2021 4:34:00 PM	Lead	Total	=	0.23	µg/L	EPA 200.8	0.083	0.2	WKL	
MO-CAM	2020/21-4	Dry	4/29/2021 10:35:00 AM	5/5/2021 5:29:00 PM	Mercury	Dissolved	<	17	ng/L	EPA 245.1	17	50	WKL	
MO-CAM	2020/21-4	Dry	4/29/2021 10:35:00 AM	5/5/2021 5:30:00 PM	Mercury	Total	<	17	ng/L	EPA 245.1	17	50	WKL	
MO-CAM	2020/21-4	Dry	4/29/2021 10:35:00 AM	5/4/2021 4:32:00 PM	Nickel	Dissolved	=	2.4	µg/L	EPA 200.8	0.16	2	WKL	
MO-CAM	2020/21-4	Dry	4/29/2021 10:35:00 AM	5/4/2021 4:34:00 PM	Nickel	Total	=	2.7	µg/L	EPA 200.8	0.16	2	WKL	
MO-CAM	2020/21-4	Dry	4/29/2021 10:35:00 AM	5/4/2021 4:32:00 PM	Selenium	Dissolved	DNQ	0.22	µg/L	EPA 200.8	0.067	0.4	WKL	
MO-CAM	2020/21-4	Dry	4/29/2021 10:35:00 AM	5/4/2021 4:34:00 PM	Selenium	Total	DNQ	0.24	µg/L	EPA 200.8	0.067	0.4	WKL	
MO-CAM	2020/21-4	Dry	4/29/2021 10:35:00 AM	5/4/2021 4:32:00 PM	Silver	Dissolved	DNQ	0.076	µg/L	EPA 200.8	0.03	0.2	WKL	
MO-CAM	2020/21-4	Dry	4/29/2021 10:35:00 AM	5/4/2021 4:34:00 PM	Silver	Total	DNQ	0.09	µg/L	EPA 200.8	0.03	0.2	WKL	
MO-CAM	2020/21-4	Dry	4/29/2021 10:35:00 AM	5/4/2021 4:32:00 PM	Thallium	Dissolved	<	0.021	µg/L	EPA 200.8	0.021	0.2	WKL	
MO-CAM	2020/21-4	Dry	4/29/2021 10:35:00 AM	5/4/2021 4:34:00 PM	Thallium	Total	<	0.021	µg/L	EPA 200.8	0.021	0.2	WKL	
MO-CAM	2020/21-4	Dry	4/29/2021 10:35:00 AM	5/4/2021 4:32:00 PM	Zinc	Dissolved	DNQ	6.1	µg/L	EPA 200.8	0.8	10	WKL	
MO-CAM	2020/21-4	Dry	4/29/2021 10:35:00 AM	5/4/2021 4:34:00 PM	Zinc	Total	DNQ	8.1	µg/L	EPA 200.8	0.8	10	WKL	
MO-CAM	2020/21-4	Dry	4/29/2021 10:35:00 AM	5/6/2021 2:19:00 PM	Ammonia as N	n/a	=	0.16	mg/L	EPA 350.1	0.047	0.1	WKL	
MO-CAM	2020/21-4	Dry	4/29/2021 10:35:00 AM	4/29/2021 6:25:00 PM	Nitrate + Nitrite as N	n/a	=	0.2	mg/L	EPA 353.2	0.036	0.2	WKL	
MO-CAM	2020/21-4	Dry	4/29/2021 10:35:00 AM	5/4/2021 6:17:00 PM	Phosphorus as P	Dissolved	=	0.36	mg/L	EPA 200.7	0.018	0.05	WKL	
MO-CAM	2020/21-4	Dry	4/29/2021 10:35:00 AM	5/4/2021 6:20:00 PM	Phosphorus as P	Total	=	0.46	mg/L	EPA 200.7	0.018	0.05	WKL	
MO-CAM	2020/21-4	Dry	4/29/2021 10:35:00 AM	5/7/2021 1:39:00 PM	TKN	n/a	=	3	mg/L	EPA 351.2	0.065	0.1	WKL	
MO-CAM	2020/21-4	Dry	4/29/2021 10:35:00 AM	5/27/2021 8:38:00 AM	1,2,4-Trichlorobenzene	n/a	<	4.9	µg/L	EPA 625.1	4.9	10	WKL	
MO-CAM	2020/21-4	Dry	4/29/2021 10:35:00 AM	5/27/2021 8:38:00 AM	1,2-Dichlorobenzene	n/a	<	4.6	µg/L	EPA 625.1	4.6	10	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-CAM	2020/21-4	Dry	4/29/2021 10:35:00 AM	5/27/2021 8:38:00 AM	1,2-Diphenylhydrazine	n/a	<	3	µg/L	EPA 625.1	3	10	WKL	
MO-CAM	2020/21-4	Dry	4/29/2021 10:35:00 AM	5/27/2021 8:38:00 AM	1,3-Dichlorobenzene	n/a	<	4.2	µg/L	EPA 625.1	4.2	10	WKL	
MO-CAM	2020/21-4	Dry	4/29/2021 10:35:00 AM	5/27/2021 8:38:00 AM	1,4-Dichlorobenzene	n/a	<	4.8	µg/L	EPA 625.1	4.8	10	WKL	
MO-CAM	2020/21-4	Dry	4/29/2021 10:35:00 AM	5/5/2021 8:32:00 AM	1-Methylnaphthalene	n/a	<	0.24	µg/L	EPA 8270C	0.24	1	WKL	
MO-CAM	2020/21-4	Dry	4/29/2021 10:35:00 AM	5/25/2021 1:12:00 AM	2,4,5-Trichlorophenol	n/a	<	2.9	µg/L	EPA 8270C	2.9	10	WKL	
MO-CAM	2020/21-4	Dry	4/29/2021 10:35:00 AM	5/27/2021 8:38:00 AM	2,4,6-Trichlorophenol	n/a	<	2.2	µg/L	EPA 625.1	2.2	10	WKL	
MO-CAM	2020/21-4	Dry	4/29/2021 10:35:00 AM	5/25/2021 1:12:00 AM	2,4,6-Trichlorophenol	n/a	<	3	µg/L	EPA 8270C	3	10	WKL	
MO-CAM	2020/21-4	Dry	4/29/2021 10:35:00 AM	5/27/2021 8:38:00 AM	2,4-Dichlorophenol	n/a	<	2.6	µg/L	EPA 625.1	2.6	10	WKL	
MO-CAM	2020/21-4	Dry	4/29/2021 10:35:00 AM	5/25/2021 1:12:00 AM	2,4-Dichlorophenol	n/a	<	5.1	µg/L	EPA 8270C	5.1	10	WKL	
MO-CAM	2020/21-4	Dry	4/29/2021 10:35:00 AM	5/25/2021 1:12:00 AM	2,4-Dinitrophenol	n/a	<	10	µg/L	EPA 8270C	10	20	WKL	
MO-CAM	2020/21-4	Dry	4/29/2021 10:35:00 AM	5/27/2021 8:38:00 AM	2,4-Dimethylphenol	n/a	<	3	µg/L	EPA 625.1	3	10	WKL	LB-LCSR
MO-CAM	2020/21-4	Dry	4/29/2021 10:35:00 AM	5/27/2021 8:38:00 AM	2,4-Dinitrophenol	n/a	<	19	µg/L	EPA 625.1	19	100	WKL	
MO-CAM	2020/21-4	Dry	4/29/2021 10:35:00 AM	5/25/2021 1:12:00 AM	2,4-Dinitrophenol	n/a	<	10	µg/L	EPA 8270C	10	20	WKL	
MO-CAM	2020/21-4	Dry	4/29/2021 10:35:00 AM	5/27/2021 8:38:00 AM	2,4-Dinitrotoluene	n/a	<	1.8	µg/L	EPA 625.1	1.8	10	WKL	
MO-CAM	2020/21-4	Dry	4/29/2021 10:35:00 AM	5/27/2021 8:38:00 AM	2,6-Dinitrotoluene	n/a	<	2.7	µg/L	EPA 625.1	2.7	10	WKL	
MO-CAM	2020/21-4	Dry	4/29/2021 10:35:00 AM	5/27/2021 8:38:00 AM	2-Chloronaphthalene	n/a	<	4.5	µg/L	EPA 625.1	4.5	10	WKL	
MO-CAM	2020/21-4	Dry	4/29/2021 10:35:00 AM	5/27/2021 8:38:00 AM	2-Chlorophenol	n/a	<	2.8	µg/L	EPA 625.1	2.8	10	WKL	
MO-CAM	2020/21-4	Dry	4/29/2021 10:35:00 AM	5/25/2021 1:12:00 AM	2-Chlorophenol	n/a	<	6.5	µg/L	EPA 8270C	6.5	10	WKL	
MO-CAM	2020/21-4	Dry	4/29/2021 10:35:00 AM	5/5/2021 8:32:00 AM	2-Methylnaphthalene	n/a	<	0.26	µg/L	EPA 8270C	0.26	1	WKL	
MO-CAM	2020/21-4	Dry	4/29/2021 10:35:00 AM	5/25/2021 1:12:00 AM	2-Methylphenol	n/a	<	3.4	µg/L	EPA 8270C	3.4	10	WKL	
MO-CAM	2020/21-4	Dry	4/29/2021 10:35:00 AM	5/27/2021 8:38:00 AM	2-Nitrophenol	n/a	<	2.6	µg/L	EPA 625.1	2.6	10	WKL	
MO-CAM	2020/21-4	Dry	4/29/2021 10:35:00 AM	5/25/2021 1:12:00 AM	2-Nitrophenol	n/a	<	7.1	µg/L	EPA 8270C	7.1	10	WKL	
MO-CAM	2020/21-4	Dry	4/29/2021 10:35:00 AM	5/27/2021 8:38:00 AM	3,3'-Dichlorobenzidine	n/a	<	9.9	µg/L	EPA 625.1	9.9	50	WKL	
MO-CAM	2020/21-4	Dry	4/29/2021 10:35:00 AM	5/25/2021 1:12:00 AM	3-/4-Methylphenol	n/a	<	3	µg/L	EPA 8270C	3	10	WKL	
MO-CAM	2020/21-4	Dry	4/29/2021 10:35:00 AM	5/27/2021 8:38:00 AM	4,6-Dinitro-2-methylphenol	n/a	<	14	µg/L	EPA 625.1	14	50	WKL	
MO-CAM	2020/21-4	Dry	4/29/2021 10:35:00 AM	5/25/2021 1:12:00 AM	4,6-Dinitro-2-methylphenol	n/a	<	1.4	µg/L	EPA 8270C	1.4	10	WKL	
MO-CAM	2020/21-4	Dry	4/29/2021 10:35:00 AM	5/27/2021 8:38:00 AM	4-Bromophenyl phenyl ether	n/a	<	3.6	µg/L	EPA 625.1	3.6	10	WKL	
MO-CAM	2020/21-4	Dry	4/29/2021 10:35:00 AM	5/27/2021 8:38:00 AM	4-Chloro-3-methylphenol	n/a	<	2.3	µg/L	EPA 625.1	2.3	10	WKL	
MO-CAM	2020/21-4	Dry	4/29/2021 10:35:00 AM	5/25/2021 1:12:00 AM	4-Chloro-3-methylphenol	n/a	<	3.7	µg/L	EPA 8270C	3.7	10	WKL	
MO-CAM	2020/21-4	Dry	4/29/2021 10:35:00 AM	5/27/2021 8:38:00 AM	4-Chlorophenyl phenyl ether	n/a	<	4.1	µg/L	EPA 625.1	4.1	10	WKL	
MO-CAM	2020/21-4	Dry	4/29/2021 10:35:00 AM	5/27/2021 8:38:00 AM	4-Nitrophenol	n/a	<	12	µg/L	EPA 625.1	12	50	WKL	
MO-CAM	2020/21-4	Dry	4/29/2021 10:35:00 AM	5/25/2021 1:12:00 AM	4-Nitrophenol	n/a	<	10	µg/L	EPA 8270C	10	20	WKL	
MO-CAM	2020/21-4	Dry	4/29/2021 10:35:00 AM	5/27/2021 8:38:00 AM	Acenaphthene	n/a	<	3.8	µg/L	EPA 625.1	3.8	10	WKL	
MO-CAM	2020/21-4	Dry	4/29/2021 10:35:00 AM	5/5/2021 8:32:00 AM	Acenaphthene	n/a	<	0.28	µg/L	EPA 8270C	0.28	1	WKL	
MO-CAM	2020/21-4	Dry	4/29/2021 10:35:00 AM	5/5/2021 8:32:00 AM	Acenaphthylene	n/a	<	0.33	µg/L	EPA 8270C	0.33	1	WKL	
MO-CAM	2020/21-4	Dry	4/29/2021 10:35:00 AM	5/27/2021 8:38:00 AM	Acenaphthylene	n/a	<	1.7	µg/L	EPA 625.1	1.7	10	WKL	
MO-CAM	2020/21-4	Dry	4/29/2021 10:35:00 AM	5/27/2021 8:38:00 AM	Anthracene	n/a	<	1.2	µg/L	EPA 625.1	1.2	10	WKL	
MO-CAM	2020/21-4	Dry	4/29/2021 10:35:00 AM	5/5/2021 8:32:00 AM	Anthracene	n/a	<	0.25	µg/L	EPA 8270C	0.25	1	WKL	
MO-CAM	2020/21-4	Dry	4/29/2021 10:35:00 AM	5/27/2021 8:38:00 AM	Benz(a)anthracene	n/a	<	1.9	µg/L	EPA 625.1	1.9	10	WKL	
MO-CAM	2020/21-4	Dry	4/29/2021 10:35:00 AM	5/5/2021 8:32:00 AM	Benz(a)anthracene	n/a	<	0.51	µg/L	EPA 8270C	0.51	1	WKL	
MO-CAM	2020/21-4	Dry	4/29/2021 10:35:00 AM	5/27/2021 8:38:00 AM	Benzenzidine	n/a	<	14	µg/L	EPA 625.1	14	100	WKL	
MO-CAM	2020/21-4	Dry	4/29/2021 10:35:00 AM	5/12/2021 7:03:00 AM	Benzo(a)pyrene	n/a	<	0.04	µg/L	EPA 525.2	0.04	0.2	WKL	
MO-CAM	2020/21-4	Dry	4/29/2021 10:35:00 AM	5/27/2021 8:38:00 AM	Benzo(a)pyrene	n/a	<	3.9	µg/L	EPA 625.1	3.9	10	WKL	
MO-CAM	2020/21-4	Dry	4/29/2021 10:35:00 AM	5/5/2021 8:32:00 AM	Benzo(a)pyrene	n/a	<	0.51	µg/L	EPA 8270C	0.51	1	WKL	
MO-CAM	2020/21-4	Dry	4/29/2021 10:35:00 AM	5/27/2021 8:38:00 AM	Benzo(b)fluoranthene	n/a	<	4.6	µg/L	EPA 625.1	4.6	10	WKL	
MO-CAM	2020/21-4	Dry	4/29/2021 10:35:00 AM	5/5/2021 8:32:00 AM	Benzo(b)fluoranthene	n/a	<	0.27	µg/L	EPA 8270C	0.27	1	WKL	
MO-CAM	2020/21-4	Dry	4/29/2021 10:35:00 AM	5/27/2021 8:38:00 AM	Benzo(g,h,i)perylene	n/a	<	4.2	µg/L	EPA 625.1	4.2	20	WKL	
MO-CAM	2020/21-4	Dry	4/29/2021 10:35:00 AM	5/5/2021 8:32:00 AM	Benzo(g,h,i)perylene	n/a	<	0.5	µg/L	EPA 8270C	0.5	1	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-CAM	2020/21-4	Dry	4/29/2021 10:35:00 AM	5/27/2021 8:38:00 AM	Benzo(k)fluoranthene	n/a	<	2.2	µg/L	EPA 625.1	2.2	10	WKL	
MO-CAM	2020/21-4	Dry	4/29/2021 10:35:00 AM	5/5/2021 8:32:00 AM	Benzo(k)fluoranthene	n/a	<	0.26	µg/L	EPA 8270C	0.26	1	WKL	
MO-CAM	2020/21-4	Dry	4/29/2021 10:35:00 AM	5/27/2021 8:38:00 AM	Bis(2-chloroethoxy)methane	n/a	<	2.5	µg/L	EPA 625.1	2.5	10	WKL	
MO-CAM	2020/21-4	Dry	4/29/2021 10:35:00 AM	5/27/2021 8:38:00 AM	Bis(2-chloroethyl)ether	n/a	<	2.7	µg/L	EPA 625.1	2.7	10	WKL	
MO-CAM	2020/21-4	Dry	4/29/2021 10:35:00 AM	5/27/2021 8:38:00 AM	Bis(2-chloroisopropyl)ether	n/a	<	3.8	µg/L	EPA 625.1	3.8	10	WKL	
MO-CAM	2020/21-4	Dry	4/29/2021 10:35:00 AM	5/12/2021 7:03:00 AM	Bis(2-ethylhexyl)adipate	n/a	<	0.24	µg/L	EPA 525.2	0.24	10	WKL	
MO-CAM	2020/21-4	Dry	4/29/2021 10:35:00 AM	5/12/2021 7:03:00 AM	Bis(2-ethylhexyl)phthalate	n/a	DNQ	1	µg/L	EPA 525.2	0.82	6	WKL	UL-MB
MO-CAM	2020/21-4	Dry	4/29/2021 10:35:00 AM	5/27/2021 8:38:00 AM	Bis(2-ethylhexyl)phthalate	n/a	<	23	µg/L	EPA 625.1	23	50	WKL	
MO-CAM	2020/21-4	Dry	4/29/2021 10:35:00 AM	5/27/2021 8:38:00 AM	Butyl benzyl phthalate	n/a	DNQ	3.9	µg/L	EPA 625.1	1.8	10	WKL	
MO-CAM	2020/21-4	Dry	4/29/2021 10:35:00 AM	5/27/2021 8:38:00 AM	Chrysene	n/a	<	1.9	µg/L	EPA 625.1	1.9	10	WKL	
MO-CAM	2020/21-4	Dry	4/29/2021 10:35:00 AM	5/5/2021 8:32:00 AM	Chrysene	n/a	<	0.32	µg/L	EPA 8270C	0.32	1	WKL	
MO-CAM	2020/21-4	Dry	4/29/2021 10:35:00 AM	5/27/2021 8:38:00 AM	Dibenz(a,h)anthracene	n/a	<	5.3	µg/L	EPA 625.1	5.3	20	WKL	
MO-CAM	2020/21-4	Dry	4/29/2021 10:35:00 AM	5/5/2021 8:32:00 AM	Dibenz(a,h)anthracene	n/a	<	0.96	µg/L	EPA 8270C	0.96	1	WKL	
MO-CAM	2020/21-4	Dry	4/29/2021 10:35:00 AM	5/27/2021 8:38:00 AM	Diethyl phthalate	n/a	<	1.5	µg/L	EPA 625.1	1.5	10	WKL	
MO-CAM	2020/21-4	Dry	4/29/2021 10:35:00 AM	5/27/2021 8:38:00 AM	Dimethyl phthalate	n/a	<	1.8	µg/L	EPA 625.1	1.8	10	WKL	
MO-CAM	2020/21-4	Dry	4/29/2021 10:35:00 AM	5/27/2021 8:38:00 AM	Di-n-butylphthalate	n/a	<	1	µg/L	EPA 625.1	1	10	WKL	
MO-CAM	2020/21-4	Dry	4/29/2021 10:35:00 AM	5/27/2021 8:38:00 AM	Di-n-octylphthalate	n/a	<	4.6	µg/L	EPA 625.1	4.6	10	WKL	
MO-CAM	2020/21-4	Dry	4/29/2021 10:35:00 AM	5/27/2021 8:38:00 AM	Fluoranthene	n/a	<	0.8	µg/L	EPA 625.1	0.8	10	WKL	
MO-CAM	2020/21-4	Dry	4/29/2021 10:35:00 AM	5/5/2021 8:32:00 AM	Fluoranthene	n/a	<	0.39	µg/L	EPA 8270C	0.39	1	WKL	
MO-CAM	2020/21-4	Dry	4/29/2021 10:35:00 AM	5/27/2021 8:38:00 AM	Fluorene	n/a	<	3.5	µg/L	EPA 625.1	3.5	10	WKL	
MO-CAM	2020/21-4	Dry	4/29/2021 10:35:00 AM	5/5/2021 8:32:00 AM	Fluorene	n/a	<	0.29	µg/L	EPA 8270C	0.29	1	WKL	
MO-CAM	2020/21-4	Dry	4/29/2021 10:35:00 AM	5/27/2021 8:38:00 AM	Hexachlorobenzene	n/a	<	4.9	µg/L	EPA 625.1	4.9	10	WKL	
MO-CAM	2020/21-4	Dry	4/29/2021 10:35:00 AM	5/27/2021 8:38:00 AM	Hexachlorobutadiene	n/a	<	4.7	µg/L	EPA 625.1	4.7	10	WKL	
MO-CAM	2020/21-4	Dry	4/29/2021 10:35:00 AM	5/27/2021 8:38:00 AM	Hexachlorocyclopentadiene	n/a	<	9.8	µg/L	EPA 625.1	9.8	50	WKL	
MO-CAM	2020/21-4	Dry	4/29/2021 10:35:00 AM	5/27/2021 8:38:00 AM	Hexachloroethane	n/a	<	5	µg/L	EPA 625.1	5	10	WKL	
MO-CAM	2020/21-4	Dry	4/29/2021 10:35:00 AM	5/27/2021 8:38:00 AM	Indeno(1,2,3-cd)pyrene	n/a	<	5.5	µg/L	EPA 625.1	5.5	20	WKL	
MO-CAM	2020/21-4	Dry	4/29/2021 10:35:00 AM	5/5/2021 8:32:00 AM	Indeno(1,2,3-cd)pyrene	n/a	<	0.65	µg/L	EPA 8270C	0.65	1	WKL	
MO-CAM	2020/21-4	Dry	4/29/2021 10:35:00 AM	5/27/2021 8:38:00 AM	Isophorone	n/a	<	2.1	µg/L	EPA 625.1	2.1	10	WKL	
MO-CAM	2020/21-4	Dry	4/29/2021 10:35:00 AM	5/27/2021 8:38:00 AM	Naphthalene	n/a	<	4.9	µg/L	EPA 625.1	4.9	10	WKL	
MO-CAM	2020/21-4	Dry	4/29/2021 10:35:00 AM	5/5/2021 8:32:00 AM	Naphthalene	n/a	<	0.26	µg/L	EPA 8270C	0.26	1	WKL	
MO-CAM	2020/21-4	Dry	4/29/2021 10:35:00 AM	5/27/2021 8:38:00 AM	Nitrobenzene	n/a	<	3.6	µg/L	EPA 625.1	3.6	10	WKL	
MO-CAM	2020/21-4	Dry	4/29/2021 10:35:00 AM	5/27/2021 8:38:00 AM	N-Nitrosodimethylamine	n/a	<	5	µg/L	EPA 625.1	5	10	WKL	
MO-CAM	2020/21-4	Dry	4/29/2021 10:35:00 AM	5/27/2021 8:38:00 AM	N-Nitrosodi-N-propylamine	n/a	<	2.6	µg/L	EPA 625.1	2.6	10	WKL	
MO-CAM	2020/21-4	Dry	4/29/2021 10:35:00 AM	5/27/2021 8:38:00 AM	N-Nitrosodiphenylamine	n/a	<	1.9	µg/L	EPA 625.1	1.9	10	WKL	
MO-CAM	2020/21-4	Dry	4/29/2021 10:35:00 AM	5/27/2021 8:38:00 AM	Phenanthrene	n/a	<	3.2	µg/L	EPA 625.1	3.2	10	WKL	
MO-CAM	2020/21-4	Dry	4/29/2021 10:35:00 AM	5/5/2021 8:32:00 AM	Phenanthrene	n/a	<	0.29	µg/L	EPA 8270C	0.29	1	WKL	
MO-CAM	2020/21-4	Dry	4/29/2021 10:35:00 AM	5/27/2021 8:38:00 AM	Phenol	n/a	<	1.6	µg/L	EPA 625.1	1.6	10	WKL	
MO-CAM	2020/21-4	Dry	4/29/2021 10:35:00 AM	5/25/2021 1:12:00 AM	Phenol	n/a	<	3.5	µg/L	EPA 8270C	3.5	10	WKL	
MO-CAM	2020/21-4	Dry	4/29/2021 10:35:00 AM	5/27/2021 8:38:00 AM	Pyrene	n/a	<	2.5	µg/L	EPA 625.1	2.5	10	WKL	
MO-CAM	2020/21-4	Dry	4/29/2021 10:35:00 AM	5/5/2021 8:32:00 AM	Pyrene	n/a	<	0.4	µg/L	EPA 8270C	0.4	1	WKL	
MO-CAM	2020/21-4	Dry	4/29/2021 10:35:00 AM	5/7/2021 10:31:00 PM	PCB Aroclor 1016	n/a	<	1	µg/L	EPA 608.3	1	5	WKL	
MO-CAM	2020/21-4	Dry	4/29/2021 10:35:00 AM	5/7/2021 10:31:00 PM	PCB Aroclor 1221	n/a	<	1	µg/L	EPA 608.3	1	5	WKL	
MO-CAM	2020/21-4	Dry	4/29/2021 10:35:00 AM	5/7/2021 10:31:00 PM	PCB Aroclor 1232	n/a	<	1	µg/L	EPA 608.3	1	5	WKL	
MO-CAM	2020/21-4	Dry	4/29/2021 10:35:00 AM	5/7/2021 10:31:00 PM	PCB Aroclor 1242	n/a	<	1	µg/L	EPA 608.3	1	5	WKL	
MO-CAM	2020/21-4	Dry	4/29/2021 10:35:00 AM	5/7/2021 10:31:00 PM	PCB Aroclor 1248	n/a	<	1	µg/L	EPA 608.3	1	5	WKL	
MO-CAM	2020/21-4	Dry	4/29/2021 10:35:00 AM	5/7/2021 10:31:00 PM	PCB Aroclor 1254	n/a	<	1	µg/L	EPA 608.3	1	5	WKL	
MO-CAM	2020/21-4	Dry	4/29/2021 10:35:00 AM	5/7/2021 10:31:00 PM	PCB Aroclor 1260	n/a	<	1	µg/L	EPA 608.3	1	5	WKL	
MO-CAM	2020/21-4	Dry	4/29/2021 10:35:00 AM	5/5/2021 10:35:00 AM	2,4,5-T	n/a	<	0.28	µg/L	EPA 515.4	0.28	1	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-CAM	2020/21-4	Dry	4/29/2021 10:35:00 AM	5/5/2021 10:35:00 AM	2,4,5-TP	n/a	<	0.23	µg/L	EPA 515.4	0.23	1	WKL	
MO-CAM	2020/21-4	Dry	4/29/2021 10:35:00 AM	5/5/2021 10:35:00 AM	2,4-D	n/a	=	15	µg/L	EPA 515.4	0.7	2	WKL	
MO-CAM	2020/21-4	Dry	4/29/2021 10:35:00 AM	5/5/2021 10:35:00 AM	2,4-DB	n/a	<	0.95	µg/L	EPA 515.4	0.95	10	WKL	
MO-CAM	2020/21-4	Dry	4/29/2021 10:35:00 AM	5/5/2021 10:35:00 AM	3,5-Dichlorobenzoic acid	n/a	<	0.6	µg/L	EPA 515.4	0.6	5	WKL	
MO-CAM	2020/21-4	Dry	4/29/2021 10:35:00 AM	5/7/2021 10:31:00 PM	4,4'-DDD	n/a	<	0.007	µg/L	EPA 608.3	0.007	0.5	WKL	
MO-CAM	2020/21-4	Dry	4/29/2021 10:35:00 AM	5/7/2021 10:31:00 PM	4,4'-DDE	n/a	<	0.007	µg/L	EPA 608.3	0.007	0.5	WKL	
MO-CAM	2020/21-4	Dry	4/29/2021 10:35:00 AM	5/7/2021 10:31:00 PM	4,4'-DDT	n/a	<	0.011	µg/L	EPA 608.3	0.011	0.1	WKL	
MO-CAM	2020/21-4	Dry	4/29/2021 10:35:00 AM	5/5/2021 10:35:00 AM	Acifluorfen	n/a	<	0.36	µg/L	EPA 515.4	0.36	2	WKL	
MO-CAM	2020/21-4	Dry	4/29/2021 10:35:00 AM	5/12/2021 7:03:00 AM	Alachlor	n/a	<	0.06	µg/L	EPA 525.2	0.06	0.2	WKL	
MO-CAM	2020/21-4	Dry	4/29/2021 10:35:00 AM	5/7/2021 10:31:00 PM	Aldrin	n/a	<	0.01	µg/L	EPA 608.3	0.01	0.05	WKL	
MO-CAM	2020/21-4	Dry	4/29/2021 10:35:00 AM	5/7/2021 10:31:00 PM	alpha-BHC	n/a	<	0.011	µg/L	EPA 608.3	0.011	0.1	WKL	
MO-CAM	2020/21-4	Dry	4/29/2021 10:35:00 AM	5/7/2021 10:31:00 PM	alpha-Chlordane	n/a	<	0.029	µg/L	EPA 608.3	0.029	0.1	WKL	
MO-CAM	2020/21-4	Dry	4/29/2021 10:35:00 AM	5/12/2021 7:03:00 AM	Atrazine	n/a	<	0.06	µg/L	EPA 525.2	0.06	0.2	WKL	
MO-CAM	2020/21-4	Dry	4/29/2021 10:35:00 AM	5/5/2021 3:56:00 PM	Azinphos methyl	n/a	<	0.0055	µg/L	EPA 625.1m	0.0055	0.01	WKL	
MO-CAM	2020/21-4	Dry	4/29/2021 10:35:00 AM	5/5/2021 10:35:00 AM	Bentazon	n/a	<	1.2	µg/L	EPA 515.4	1.2	10	WKL	
MO-CAM	2020/21-4	Dry	4/29/2021 10:35:00 AM	5/7/2021 10:31:00 PM	beta-BHC	n/a	<	0.015	µg/L	EPA 608.3	0.015	0.05	WKL	
MO-CAM	2020/21-4	Dry	4/29/2021 10:35:00 AM	5/5/2021 3:56:00 PM	Bolstar	n/a	<	0.0046	µg/L	EPA 625.1m	0.0046	0.01	WKL	
MO-CAM	2020/21-4	Dry	4/29/2021 10:35:00 AM	5/12/2021 7:03:00 AM	Bromacil	n/a	<	0.32	µg/L	EPA 525.2	0.32	1	WKL	
MO-CAM	2020/21-4	Dry	4/29/2021 10:35:00 AM	5/12/2021 7:03:00 AM	Butachlor	n/a	<	0.06	µg/L	EPA 525.2	0.06	0.2	WKL	
MO-CAM	2020/21-4	Dry	4/29/2021 10:35:00 AM	5/12/2021 7:03:00 AM	Captan	n/a	<	0.32	µg/L	EPA 525.2	0.32	2	WKL	
MO-CAM	2020/21-4	Dry	4/29/2021 10:35:00 AM	5/7/2021 10:31:00 PM	Chlordane (technical)	n/a	<	0.43	µg/L	EPA 608.3	0.43	1	WKL	
MO-CAM	2020/21-4	Dry	4/29/2021 10:35:00 AM	5/12/2021 7:03:00 AM	Chlorpropham	n/a	<	0.08	µg/L	EPA 525.2	0.08	0.2	WKL	
MO-CAM	2020/21-4	Dry	4/29/2021 10:35:00 AM	5/5/2021 3:56:00 PM	Chlorpyrifos	n/a	<	0.0069	µg/L	EPA 625.1m	0.0069	0.01	WKL	
MO-CAM	2020/21-4	Dry	4/29/2021 10:35:00 AM	5/5/2021 3:56:00 PM	Coumaphos	n/a	<	0.0051	µg/L	EPA 625.1m	0.0051	0.01	WKL	
MO-CAM	2020/21-4	Dry	4/29/2021 10:35:00 AM	5/12/2021 7:03:00 AM	Cyanazine	n/a	<	0.08	µg/L	EPA 525.2	0.08	0.2	WKL	
MO-CAM	2020/21-4	Dry	4/29/2021 10:35:00 AM	5/5/2021 10:35:00 AM	Dalapon	n/a	<	0.55	µg/L	EPA 515.4	0.55	2	WKL	
MO-CAM	2020/21-4	Dry	4/29/2021 10:35:00 AM	5/5/2021 10:35:00 AM	DCPA (Dacthal)	n/a	<	0.26	µg/L	EPA 515.4	0.26	0.5	WKL	
MO-CAM	2020/21-4	Dry	4/29/2021 10:35:00 AM	5/7/2021 10:31:00 PM	delta-BHC	n/a	<	0.019	µg/L	EPA 608.3	0.019	0.05	WKL	
MO-CAM	2020/21-4	Dry	4/29/2021 10:35:00 AM	5/5/2021 3:56:00 PM	Demeton-O	n/a	<	0.01	µg/L	EPA 625.1m	0.01	0.01	WKL	
MO-CAM	2020/21-4	Dry	4/29/2021 10:35:00 AM	5/5/2021 3:56:00 PM	Demeton-S	n/a	<	0.01	µg/L	EPA 625.1m	0.01	0.01	WKL	
MO-CAM	2020/21-4	Dry	4/29/2021 10:35:00 AM	5/12/2021 7:03:00 AM	Diazinon	n/a	<	0.1	µg/L	EPA 525.2	0.1	0.2	WKL	
MO-CAM	2020/21-4	Dry	4/29/2021 10:35:00 AM	5/5/2021 3:56:00 PM	Diazinon	n/a	<	0.0052	µg/L	EPA 625.1m	0.0052	0.01	WKL	
MO-CAM	2020/21-4	Dry	4/29/2021 10:35:00 AM	5/5/2021 10:35:00 AM	Dicamba	n/a	=	3.7	µg/L	EPA 515.4	0.38	3	WKL	
MO-CAM	2020/21-4	Dry	4/29/2021 10:35:00 AM	5/5/2021 10:35:00 AM	Dichlorprop	n/a	<	0.6	µg/L	EPA 515.4	0.6	1.5	WKL	
MO-CAM	2020/21-4	Dry	4/29/2021 10:35:00 AM	5/5/2021 3:56:00 PM	Dichlorvos	n/a	<	0.0029	µg/L	EPA 625.1m	0.0029	0.01	WKL	
MO-CAM	2020/21-4	Dry	4/29/2021 10:35:00 AM	5/7/2021 10:31:00 PM	Dieldrin	n/a	<	0.008	µg/L	EPA 608.3	0.008	0.1	WKL	
MO-CAM	2020/21-4	Dry	4/29/2021 10:35:00 AM	5/12/2021 7:03:00 AM	Dimethoate	n/a	<	0.04	µg/L	EPA 525.2	0.04	0.4	WKL	
MO-CAM	2020/21-4	Dry	4/29/2021 10:35:00 AM	5/5/2021 3:56:00 PM	Dimethoate	n/a	<	0.0062	µg/L	EPA 625.1m	0.0062	0.01	WKL	
MO-CAM	2020/21-4	Dry	4/29/2021 10:35:00 AM	5/5/2021 10:35:00 AM	Dinoseb	n/a	<	0.28	µg/L	EPA 515.4	0.28	2	WKL	
MO-CAM	2020/21-4	Dry	4/29/2021 10:35:00 AM	5/12/2021 7:03:00 AM	Diphenamid	n/a	<	0.06	µg/L	EPA 525.2	0.06	0.2	WKL	
MO-CAM	2020/21-4	Dry	4/29/2021 10:35:00 AM	5/12/2021 7:03:00 AM	Disulfoton	n/a	<	0.08	µg/L	EPA 525.2	0.08	0.2	WKL	
MO-CAM	2020/21-4	Dry	4/29/2021 10:35:00 AM	5/5/2021 3:56:00 PM	Disulfoton	n/a	<	0.01	µg/L	EPA 625.1m	0.01	0.01	WKL	
MO-CAM	2020/21-4	Dry	4/29/2021 10:35:00 AM	5/7/2021 10:31:00 PM	Endosulfan I	n/a	<	0.009	µg/L	EPA 608.3	0.009	0.2	WKL	
MO-CAM	2020/21-4	Dry	4/29/2021 10:35:00 AM	5/7/2021 10:31:00 PM	Endosulfan II	n/a	<	0.007	µg/L	EPA 608.3	0.007	0.1	WKL	
MO-CAM	2020/21-4	Dry	4/29/2021 10:35:00 AM	5/7/2021 10:31:00 PM	Endosulfan sulfate	n/a	<	0.013	µg/L	EPA 608.3	0.013	0.5	WKL	
MO-CAM	2020/21-4	Dry	4/29/2021 10:35:00 AM	5/7/2021 10:31:00 PM	Endrin	n/a	<	0.017	µg/L	EPA 608.3	0.017	0.1	WKL	
MO-CAM	2020/21-4	Dry	4/29/2021 10:35:00 AM	5/7/2021 10:31:00 PM	Endrin aldehyde	n/a	<	0.019	µg/L	EPA 608.3	0.019	0.1	WKL	
MO-CAM	2020/21-4	Dry	4/29/2021 10:35:00 AM	5/12/2021 7:03:00 AM	EPTC	n/a	<	0.04	µg/L	EPA 525.2	0.04	0.2	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-CAM	2020/21-4	Dry	4/29/2021 10:35:00 AM	5/5/2021 3:56:00 PM	Ethoprop	n/a	<	0.0067	µg/L	EPA 625.1m	0.0067	0.01	WKL	
MO-CAM	2020/21-4	Dry	4/29/2021 10:35:00 AM	5/5/2021 3:56:00 PM	Ethyl parathion	n/a	<	0.0054	µg/L	EPA 625.1m	0.0054	0.01	WKL	
MO-CAM	2020/21-4	Dry	4/29/2021 10:35:00 AM	5/5/2021 3:56:00 PM	Fensulfothion	n/a	<	0.0029	µg/L	EPA 625.1m	0.0029	0.01	WKL	
MO-CAM	2020/21-4	Dry	4/29/2021 10:35:00 AM	5/5/2021 3:56:00 PM	Fenthion	n/a	<	0.0038	µg/L	EPA 625.1m	0.0038	0.01	WKL	
MO-CAM	2020/21-4	Dry	4/29/2021 10:35:00 AM	5/7/2021 10:31:00 PM	gamma-BHC (Lindane)	n/a	<	0.2	µg/L	EPA 608.3	0.2	0.2	WKL	
MO-CAM	2020/21-4	Dry	4/29/2021 10:35:00 AM	5/7/2021 10:31:00 PM	gamma-Chlordane	n/a	<	0.023	µg/L	EPA 608.3	0.023	0.1	WKL	
MO-CAM	2020/21-4	Dry	4/29/2021 10:35:00 AM	5/4/2021 10:34:00 AM	Glyphosate	n/a	=	45	µg/L	EPA 547	1.8	5	WKL	
MO-CAM	2020/21-4	Dry	4/29/2021 10:35:00 AM	5/7/2021 10:31:00 PM	Heptachlor	n/a	<	0.006	µg/L	EPA 608.3	0.006	0.1	WKL	
MO-CAM	2020/21-4	Dry	4/29/2021 10:35:00 AM	5/7/2021 10:31:00 PM	Heptachlor epoxide	n/a	<	0.004	µg/L	EPA 608.3	0.004	0.1	WKL	
MO-CAM	2020/21-4	Dry	4/29/2021 10:35:00 AM	5/5/2021 3:56:00 PM	Malathion	n/a	<	0.0076	µg/L	EPA 625.1m	0.0076	0.01	WKL	
MO-CAM	2020/21-4	Dry	4/29/2021 10:35:00 AM	5/5/2021 3:56:00 PM	Merphos	n/a	<	0.0058	µg/L	EPA 625.1m	0.0058	0.01	WKL	
MO-CAM	2020/21-4	Dry	4/29/2021 10:35:00 AM	5/5/2021 3:56:00 PM	Methyl parathion	n/a	<	0.0063	µg/L	EPA 625.1m	0.0063	0.01	WKL	
MO-CAM	2020/21-4	Dry	4/29/2021 10:35:00 AM	5/12/2021 7:03:00 AM	Metolachlor	n/a	<	0.06	µg/L	EPA 525.2	0.06	0.2	WKL	
MO-CAM	2020/21-4	Dry	4/29/2021 10:35:00 AM	5/12/2021 7:03:00 AM	Metribuzin	n/a	<	0.06	µg/L	EPA 525.2	0.06	0.2	WKL	
MO-CAM	2020/21-4	Dry	4/29/2021 10:35:00 AM	5/5/2021 3:56:00 PM	Mevinphos	n/a	<	0.0042	µg/L	EPA 625.1m	0.0042	0.01	WKL	
MO-CAM	2020/21-4	Dry	4/29/2021 10:35:00 AM	5/12/2021 7:03:00 AM	Molinate	n/a	<	0.06	µg/L	EPA 525.2	0.06	0.2	WKL	
MO-CAM	2020/21-4	Dry	4/29/2021 10:35:00 AM	5/5/2021 3:56:00 PM	Naled	n/a	<	0.0076	µg/L	EPA 625.1m	0.0076	0.01	WKL	
MO-CAM	2020/21-4	Dry	4/29/2021 10:35:00 AM	5/27/2021 8:38:00 AM	Pentachlorophenol	n/a	<	4	µg/L	EPA 625.1	4	10	WKL	
MO-CAM	2020/21-4	Dry	4/29/2021 10:35:00 AM	5/25/2021 1:12:00 AM	Pentachlorophenol	n/a	<	1.5	µg/L	EPA 8270C	1.5	10	WKL	
MO-CAM	2020/21-4	Dry	4/29/2021 10:35:00 AM	5/5/2021 10:35:00 AM	Pentachlorophenol	n/a	<	0.23	µg/L	EPA 515.4	0.23	1	WKL	
MO-CAM	2020/21-4	Dry	4/29/2021 10:35:00 AM	5/5/2021 3:56:00 PM	Phorate	n/a	<	0.003	µg/L	EPA 625.1m	0.003	0.01	WKL	
MO-CAM	2020/21-4	Dry	4/29/2021 10:35:00 AM	5/5/2021 10:35:00 AM	Picloram	n/a	<	0.19	µg/L	EPA 515.4	0.19	3	WKL	
MO-CAM	2020/21-4	Dry	4/29/2021 10:35:00 AM	5/12/2021 7:03:00 AM	Prometon	n/a	<	0.02	µg/L	EPA 525.2	0.02	0.2	WKL	
MO-CAM	2020/21-4	Dry	4/29/2021 10:35:00 AM	5/12/2021 7:03:00 AM	Prometryn	n/a	<	0.06	µg/L	EPA 525.2	0.06	0.2	WKL	
MO-CAM	2020/21-4	Dry	4/29/2021 10:35:00 AM	5/5/2021 3:56:00 PM	Ronnel (Fenchlorphos)	n/a	<	0.0041	µg/L	EPA 625.1m	0.0041	0.01	WKL	
MO-CAM	2020/21-4	Dry	4/29/2021 10:35:00 AM	5/12/2021 7:03:00 AM	Simazine	n/a	<	0.04	µg/L	EPA 525.2	0.04	0.2	WKL	
MO-CAM	2020/21-4	Dry	4/29/2021 10:35:00 AM	5/5/2021 3:56:00 PM	Stirophos (Tetrachlorvinphos)	n/a	<	0.0031	µg/L	EPA 625.1m	0.0031	0.01	WKL	
MO-CAM	2020/21-4	Dry	4/29/2021 10:35:00 AM	5/12/2021 7:03:00 AM	Terbacil	n/a	<	0.18	µg/L	EPA 525.2	0.18	4	WKL	
MO-CAM	2020/21-4	Dry	4/29/2021 10:35:00 AM	5/12/2021 7:03:00 AM	Thiobencarb	n/a	<	0.06	µg/L	EPA 525.2	0.06	0.2	WKL	
MO-CAM	2020/21-4	Dry	4/29/2021 10:35:00 AM	5/5/2021 3:56:00 PM	Tokuthion	n/a	<	0.0078	µg/L	EPA 625.1m	0.0078	0.01	WKL	
MO-CAM	2020/21-4	Dry	4/29/2021 10:35:00 AM	5/7/2021 10:31:00 PM	Toxaphene	n/a	<	5	µg/L	EPA 608.3	5	5	WKL	
MO-CAM	2020/21-4	Dry	4/29/2021 10:35:00 AM	5/5/2021 3:56:00 PM	Trichloronate	n/a	<	0.0067	µg/L	EPA 625.1m	0.0067	0.01	WKL	
MO-CAM	2020/21-4	Dry	4/29/2021 10:35:00 AM	5/12/2021 7:03:00 AM	Trithion	n/a	<	0.04	µg/L	EPA 525.2	0.04	0.2	WKL	
MO-CAM	2021-DRY	Dry	8/11/2021 7:30:00 AM	8/12/2021 12:00:00 PM	E. Coli	n/a	=	19863	MPN/100 mL	MMO-MUG	10	10	FGL	
MO-CAM	2021-DRY	Dry	8/11/2021 7:30:00 AM	8/12/2021 12:00:00 PM	Total Coliform	n/a	=	1119900	MPN/100 mL	MMO-MUG	1000	1000	FGL	
MO-CAM	2021-DRY	Dry	8/11/2021 7:30:00 AM	8/23/2021 5:25:00 PM	Calcium	Total	=	81.3	mg/L	EPA 200.7	0.16	0.5	WKL	
MO-CAM	2021-DRY	Dry	8/11/2021 7:30:00 AM	8/23/2021 5:25:00 PM	Magnesium	Total	=	25.7	mg/L	EPA 200.7	0.039	0.5	WKL	
MO-CAM	2021-DRY	Dry	8/11/2021 7:30:00 AM	8/11/2021 7:30:00 AM	Conductivity	n/a	=	993	µmhos/cm	Field Meter	-88	1	Field Crew	
MO-CAM	2021-DRY	Dry	8/11/2021 7:30:00 AM	8/11/2021 7:30:00 AM	Discharge	n/a	=	0.04	cfs	Field Estimate	-88	-88	Field Crew	EST
MO-CAM	2021-DRY	Dry	8/11/2021 7:30:00 AM	8/11/2021 7:30:00 AM	DO	n/a	=	115.3	%	Field Meter	-88	0.1	Field Crew	
MO-CAM	2021-DRY	Dry	8/11/2021 7:30:00 AM	8/11/2021 7:30:00 AM	DO	n/a	=	10.37	mg/L	Field Meter	-88	0.3	Field Crew	
MO-CAM	2021-DRY	Dry	8/11/2021 7:30:00 AM	8/23/2021 5:25:00 PM	Hardness as CaCO3	Total	=	309	mg/L	EPA 200.7	0.56	3.31	WKL	
MO-CAM	2021-DRY	Dry	8/11/2021 7:30:00 AM	8/11/2021 7:30:00 AM	pH	n/a	=	8.09	pH Units	Field Meter	-88	0.01	Field Crew	
MO-CAM	2021-DRY	Dry	8/11/2021 7:30:00 AM	8/11/2021 7:30:00 AM	Salinity	n/a	=	500	mg/L	Field Meter	-88	100	Field Crew	
MO-CAM	2021-DRY	Dry	8/11/2021 7:30:00 AM	8/11/2021 7:30:00 AM	Specific Conductance	n/a	=	1084	µmhos/cm	Field Meter	-88	1	Field Crew	
MO-CAM	2021-DRY	Dry	8/11/2021 7:30:00 AM	8/11/2021 7:30:00 AM	Temperature	n/a	=	20.4	°C	Field Meter	-88	0.1	Field Crew	
MO-CAM	2021-DRY	Dry	8/11/2021 7:30:00 AM	9/2/2021 7:08:00 PM	Total Organic Carbon	n/a	=	16	mg/L	SM 5310 B	0.19	0.3	WKL	
MO-CAM	2021-DRY	Dry	8/11/2021 7:30:00 AM	8/11/2021 7:30:00 AM	Turbidity	n/a	=	5.55	NTU	Field Meter	-88	0.01	Field Crew	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-CAM	2021-DRY	Dry	8/11/2021 7:30:00 AM	8/26/2021 6:11:00 PM	Copper	Dissolved	=	15	µg/L	EPA 200.8	0.23	0.5	WKL	
MO-CAM	2021-DRY	Dry	8/11/2021 7:30:00 AM	8/26/2021 6:11:00 PM	Lead	Dissolved	=	0.25	µg/L	EPA 200.8	0.083	0.2	WKL	
MO-CAM	2021-DRY	Dry	8/11/2021 7:30:00 AM	8/26/2021 6:11:00 PM	Zinc	Dissolved	DNQ	7.6	µg/L	EPA 200.8	0.8	10	WKL	UL-MB
MO-FIL	2020/21-1	Wet	12/28/2020 5:45:00 AM	12/29/2020 11:50:00 AM	E. Coli	n/a	=	10462	MPN/100 mL	MMO-MUG	10	10	VCHCA	
MO-FIL	2020/21-1	Wet	12/28/2020 5:45:00 AM	12/29/2020 11:50:00 AM	Total Coliform	n/a	=	365400	MPN/100 mL	MMO-MUG	1000	1000	VCHCA	
MO-FIL	2020/21-1	Wet	12/28/2020 5:45:00 AM	12/28/2020 5:45:00 AM	Conductivity	n/a	=	224	µmhos/cm	Field Meter	-88	1	Field Crew	
MO-FIL	2020/21-1	Wet	12/28/2020 5:45:00 AM	1/5/2021 3:49:00 PM	Cyanide	Total	=	0.0032	mg/L	ASTM D7511	0.0003	0.002	WKL	
MO-FIL	2020/21-1	Wet	12/28/2020 5:45:00 AM	12/28/2020 5:45:00 AM	DO	n/a	=	9.37	mg/L	Field Meter	-88	0.3	Field Crew	
MO-FIL	2020/21-1	Wet	12/28/2020 5:45:00 AM	12/28/2020 5:45:00 AM	DO	n/a	=	88	%	Field Meter	-88	0.1	Field Crew	
MO-FIL	2020/21-1	Wet	12/28/2020 5:45:00 AM	12/28/2020 5:45:00 AM	pH	n/a	=	7.73	pH Units	Field Meter	-88	0.01	Field Crew	
MO-FIL	2020/21-1	Wet	12/28/2020 5:45:00 AM	12/28/2020 5:45:00 AM	Salinity	n/a	=	100	mg/L	Field Meter	-88	100	Field Crew	
MO-FIL	2020/21-1	Wet	12/28/2020 5:45:00 AM	12/28/2020 5:45:00 AM	Specific Conductance	n/a	=	292.5	µmhos/cm	Field Meter	-88	1	Field Crew	
MO-FIL	2020/21-1	Wet	12/28/2020 5:45:00 AM	12/28/2020 5:45:00 AM	Temperature	n/a	=	12.8	°C	Field Meter	-88	0.1	Field Crew	
MO-FIL	2020/21-1	Wet	12/28/2020 5:45:00 AM	1/3/2021 10:06:00 PM	Gasoline Range Organics	n/a	<	0.065	mg/L	LUFT GC/MS	0.065	0.1	WKL	
MO-FIL	2020/21-1	Wet	12/28/2020 5:45:00 AM	1/8/2021 6:25:00 PM	Oil and Grease	n/a	DNQ	1.5	mg/L	EPA 1664B	0.7	5	WKL	
MO-FIL	2020/21-1	Wet	12/28/2020 5:45:00 AM	12/30/2020 11:08:00 AM	2-Chloroethyl vinyl ether	n/a	<	0.19	µg/L	EPA 624.1	0.19	1	WKL	
MO-FIL	2020/21-1	Wet	12/28/2020 5:45:00 AM	12/30/2020 11:08:00 AM	Methyl tert-butyl ether (MTBE)	n/a	<	0.4	µg/L	EPA 624.1	0.4	1	WKL	
MO-FIL	2020/21-1	Wet	12/28/2020 12:36:00 PM	12/30/2020 3:57:00 AM	Chloride	n/a	=	19	mg/L	EPA 300.0	0.17	1	WKL	
MO-FIL	2020/21-1	Wet	12/28/2020 12:36:00 PM	12/30/2020 3:57:00 AM	Fluoride	n/a	=	0.23	mg/L	EPA 300.0	0.018	0.2	WKL	
MO-FIL	2020/21-1	Wet	12/28/2020 12:36:00 PM	12/31/2020 12:18:00 AM	Perchlorate	n/a	=	14	µg/L	EPA 314.0	0.84	2	WKL	
MO-FIL	2020/21-1	Wet	12/28/2020 12:36:00 PM	1/2/2021 1:08:00 PM	Calcium	Total	=	35.6	mg/L	EPA 200.7	0.016	0.1	WKL	
MO-FIL	2020/21-1	Wet	12/28/2020 12:36:00 PM	1/2/2021 1:08:00 PM	Magnesium	Total	=	8.46	mg/L	EPA 200.7	0.012	0.1	WKL	
MO-FIL	2020/21-1	Wet	12/28/2020 12:36:00 PM	1/4/2021 12:48:00 PM	Alkalinity as CaCO3	n/a	=	71	mg/L	SM 2320 B	0.56	5	WKL	
MO-FIL	2020/21-1	Wet	12/28/2020 12:36:00 PM	1/3/2021 12:24:00 PM	BOD	n/a	=	30	mg/L	SM 5210 B	2	2	WKL	
MO-FIL	2020/21-1	Wet	12/28/2020 12:36:00 PM	12/30/2020 12:42:00 PM	COD	n/a	=	110	mg/L	EPA 410.4	2.9	5	WKL	
MO-FIL	2020/21-1	Wet	12/28/2020 12:36:00 PM	1/2/2021 1:08:00 PM	Hardness as CaCO3	Total	=	124	mg/L	EPA 200.7	0.0894	0.662	WKL	
MO-FIL	2020/21-1	Wet	12/28/2020 12:36:00 PM	12/29/2020 3:19:00 PM	MBAS	n/a	=	0.37	mg/L	SM 5540 C	0.017	0.05	WKL	
MO-FIL	2020/21-1	Wet	12/28/2020 12:36:00 PM	1/8/2021 11:45:00 AM	Phenolics	n/a	=	0.011	mg/L	EPA 420.4	0.0032	0.01	WKL	
MO-FIL	2020/21-1	Wet	12/28/2020 12:36:00 PM	1/5/2021 12:51:00 PM	Specific Conductance	n/a	=	390	µmhos/cm	SM 2510 B	0.23	2	WKL	
MO-FIL	2020/21-1	Wet	12/28/2020 12:36:00 PM	12/30/2020 6:44:00 PM	Total Dissolved Solids	n/a	=	280	mg/L	SM 2540 C	4	10	WKL	
MO-FIL	2020/21-1	Wet	12/28/2020 12:36:00 PM	12/30/2020 2:24:00 PM	Total Organic Carbon	n/a	=	36	mg/L	SM 5310 B	0.096	0.3	WKL	
MO-FIL	2020/21-1	Wet	12/28/2020 12:36:00 PM	12/30/2020 12:43:00 PM	Total Suspended Solids	n/a	=	150	mg/L	SM 2540 D	-88	5	WKL	
MO-FIL	2020/21-1	Wet	12/28/2020 12:36:00 PM	12/29/2020 3:36:00 PM	Turbidity	n/a	=	20	NTU	EPA 180.1	0.017	0.1	WKL	
MO-FIL	2020/21-1	Wet	12/28/2020 12:36:00 PM	12/30/2020 12:43:00 PM	Volatile Suspended Solids	n/a	=	42	mg/L	EPA 160.4	3.1	5	WKL	
MO-FIL	2020/21-1	Wet	12/28/2020 12:36:00 PM	1/12/2021 12:05:00 AM	Diesel Range Organics	n/a	DNQ	0.095	mg/L	EPA 8015B	0.032	0.1	WKL	UL-MB
MO-FIL	2020/21-1	Wet	12/28/2020 12:36:00 PM	1/12/2021 12:05:00 AM	Oil Range Organics	n/a	<	0.33	mg/L	EPA 8015B	0.33	0.5	WKL	
MO-FIL	2020/21-1	Wet	12/28/2020 12:36:00 PM	1/4/2021 1:14:00 PM	Aluminum	Dissolved	=	27	µg/L	EPA 200.8	4.4	20	WKL	
MO-FIL	2020/21-1	Wet	12/28/2020 12:36:00 PM	1/4/2021 1:17:00 PM	Aluminum	Total	=	1300	µg/L	EPA 200.8	4.4	20	WKL	
MO-FIL	2020/21-1	Wet	12/28/2020 12:36:00 PM	1/4/2021 1:14:00 PM	Antimony	Dissolved	=	0.75	µg/L	EPA 200.8	0.089	0.5	WKL	
MO-FIL	2020/21-1	Wet	12/28/2020 12:36:00 PM	1/4/2021 1:17:00 PM	Antimony	Total	=	1.1	µg/L	EPA 200.8	0.089	0.5	WKL	
MO-FIL	2020/21-1	Wet	12/28/2020 12:36:00 PM	1/4/2021 1:14:00 PM	Arsenic	Dissolved	=	1	µg/L	EPA 200.8	0.074	0.4	WKL	
MO-FIL	2020/21-1	Wet	12/28/2020 12:36:00 PM	1/4/2021 1:17:00 PM	Arsenic	Total	=	1.5	µg/L	EPA 200.8	0.074	0.4	WKL	
MO-FIL	2020/21-1	Wet	12/28/2020 12:36:00 PM	1/4/2021 1:17:00 PM	Barium	Total	=	50	µg/L	EPA 200.8	0.14	1	WKL	
MO-FIL	2020/21-1	Wet	12/28/2020 12:36:00 PM	1/4/2021 1:14:00 PM	Beryllium	Dissolved	<	0.062	µg/L	EPA 200.8	0.062	0.1	WKL	
MO-FIL	2020/21-1	Wet	12/28/2020 12:36:00 PM	1/4/2021 1:17:00 PM	Beryllium	Total	DNQ	0.071	µg/L	EPA 200.8	0.062	0.1	WKL	
MO-FIL	2020/21-1	Wet	12/28/2020 12:36:00 PM	1/4/2021 1:14:00 PM	Cadmium	Dissolved	DNQ	0.14	µg/L	EPA 200.8	0.042	0.2	WKL	
MO-FIL	2020/21-1	Wet	12/28/2020 12:36:00 PM	1/4/2021 1:17:00 PM	Cadmium	Total	=	0.56	µg/L	EPA 200.8	0.042	0.2	WKL	
MO-FIL	2020/21-1	Wet	12/28/2020 12:36:00 PM	1/4/2021 1:14:00 PM	Chromium	Dissolved	=	1.8	µg/L	EPA 200.8	0.089	0.2	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-FIL	2020/21-1	Wet	12/28/2020 12:36:00 PM	1/4/2021 1:17:00 PM	Chromium	Total	=	5.6	µg/L	EPA 200.8	0.089	0.2	WKL	
MO-FIL	2020/21-1	Wet	12/28/2020 12:36:00 PM	12/30/2020 4:44:00 PM	Chromium VI	n/a	=	1.1	µg/L	EPA 218.6	0.0079	0.02	WKL	
MO-FIL	2020/21-1	Wet	12/28/2020 12:36:00 PM	1/4/2021 1:14:00 PM	Copper	Dissolved	=	14	µg/L	EPA 200.8	0.23	0.5	WKL	
MO-FIL	2020/21-1	Wet	12/28/2020 12:36:00 PM	1/4/2021 1:17:00 PM	Copper	Total	=	26	µg/L	EPA 200.8	0.23	0.5	WKL	
MO-FIL	2020/21-1	Wet	12/28/2020 12:36:00 PM	1/4/2021 1:14:00 PM	Iron	Dissolved	=	70	µg/L	EPA 200.8	3.9	20	WKL	
MO-FIL	2020/21-1	Wet	12/28/2020 12:36:00 PM	1/4/2021 1:17:00 PM	Iron	Total	=	2100	µg/L	EPA 200.8	3.9	20	WKL	
MO-FIL	2020/21-1	Wet	12/28/2020 12:36:00 PM	1/4/2021 1:14:00 PM	Lead	Dissolved	=	0.31	µg/L	EPA 200.8	0.083	0.2	WKL	
MO-FIL	2020/21-1	Wet	12/28/2020 12:36:00 PM	1/4/2021 1:17:00 PM	Lead	Total	=	3.5	µg/L	EPA 200.8	0.083	0.2	WKL	
MO-FIL	2020/21-1	Wet	12/28/2020 12:36:00 PM	1/5/2021 2:30:00 PM	Mercury	Dissolved	<	17	ng/L	EPA 245.1	17	50	WKL	
MO-FIL	2020/21-1	Wet	12/28/2020 12:36:00 PM	1/5/2021 2:32:00 PM	Mercury	Total	<	17	ng/L	EPA 245.1	17	50	WKL	
MO-FIL	2020/21-1	Wet	12/28/2020 12:36:00 PM	1/4/2021 1:14:00 PM	Nickel	Dissolved	=	4.4	µg/L	EPA 200.8	0.16	2	WKL	
MO-FIL	2020/21-1	Wet	12/28/2020 12:36:00 PM	1/4/2021 1:17:00 PM	Nickel	Total	=	8.5	µg/L	EPA 200.8	0.16	2	WKL	
MO-FIL	2020/21-1	Wet	12/28/2020 12:36:00 PM	1/4/2021 1:14:00 PM	Selenium	Dissolved	=	1.3	µg/L	EPA 200.8	0.067	0.4	WKL	
MO-FIL	2020/21-1	Wet	12/28/2020 12:36:00 PM	1/4/2021 1:17:00 PM	Selenium	Total	=	1.4	µg/L	EPA 200.8	0.067	0.4	WKL	
MO-FIL	2020/21-1	Wet	12/28/2020 12:36:00 PM	1/4/2021 1:14:00 PM	Silver	Dissolved	<	0.03	µg/L	EPA 200.8	0.03	0.2	WKL	
MO-FIL	2020/21-1	Wet	12/28/2020 12:36:00 PM	1/4/2021 1:17:00 PM	Silver	Total	DNQ	0.053	µg/L	EPA 200.8	0.03	0.2	WKL	
MO-FIL	2020/21-1	Wet	12/28/2020 12:36:00 PM	1/4/2021 1:14:00 PM	Thallium	Dissolved	<	0.021	µg/L	EPA 200.8	0.021	0.2	WKL	
MO-FIL	2020/21-1	Wet	12/28/2020 12:36:00 PM	1/4/2021 1:17:00 PM	Thallium	Total	DNQ	0.044	µg/L	EPA 200.8	0.021	0.2	WKL	
MO-FIL	2020/21-1	Wet	12/28/2020 12:36:00 PM	1/4/2021 1:14:00 PM	Zinc	Dissolved	=	59	µg/L	EPA 200.8	0.8	10	WKL	
MO-FIL	2020/21-1	Wet	12/28/2020 12:36:00 PM	1/4/2021 1:17:00 PM	Zinc	Total	=	130	µg/L	EPA 200.8	0.8	10	WKL	
MO-FIL	2020/21-1	Wet	12/28/2020 12:36:00 PM	12/29/2020 5:57:00 PM	Ammonia as N	n/a	=	0.75	mg/L	EPA 350.1	0.047	0.1	WKL	
MO-FIL	2020/21-1	Wet	12/28/2020 12:36:00 PM	12/29/2020 12:49:00 PM	Nitrate + Nitrite as N	n/a	=	2.1	mg/L	EPA 353.2	0.036	0.2	WKL	
MO-FIL	2020/21-1	Wet	12/28/2020 12:36:00 PM	1/2/2021 1:05:00 PM	Phosphorus as P	Dissolved	=	0.43	mg/L	EPA 200.7	0.012	0.02	WKL	
MO-FIL	2020/21-1	Wet	12/28/2020 12:36:00 PM	1/2/2021 1:08:00 PM	Phosphorus as P	Total	=	0.81	mg/L	EPA 200.7	0.012	0.02	WKL	
MO-FIL	2020/21-1	Wet	12/28/2020 12:36:00 PM	12/31/2020 1:34:00 PM	TKN	n/a	=	3.5	mg/L	EPA 351.2	0.065	0.1	WKL	
MO-FIL	2020/21-1	Wet	12/28/2020 12:36:00 PM	2/2/2021 11:28:00 PM	1,2,4-Trichlorobenzene	n/a	<	4.9	µg/L	EPA 625.1	4.9	10	WKL	
MO-FIL	2020/21-1	Wet	12/28/2020 12:36:00 PM	2/2/2021 11:28:00 PM	1,2-Dichlorobenzene	n/a	<	4.6	µg/L	EPA 625.1	4.6	10	WKL	
MO-FIL	2020/21-1	Wet	12/28/2020 12:36:00 PM	2/2/2021 11:28:00 PM	1,2-Diphenylhydrazine	n/a	<	3	µg/L	EPA 625.1	3	10	WKL	
MO-FIL	2020/21-1	Wet	12/28/2020 12:36:00 PM	2/2/2021 11:28:00 PM	1,3-Dichlorobenzene	n/a	<	4.2	µg/L	EPA 625.1	4.2	10	WKL	
MO-FIL	2020/21-1	Wet	12/28/2020 12:36:00 PM	2/2/2021 11:28:00 PM	1,4-Dichlorobenzene	n/a	<	4.8	µg/L	EPA 625.1	4.8	10	WKL	
MO-FIL	2020/21-1	Wet	12/28/2020 12:36:00 PM	1/30/2021 10:22:00 PM	1-Methylnaphthalene	n/a	<	0.24	µg/L	EPA 8270C	0.24	1	WKL	
MO-FIL	2020/21-1	Wet	12/28/2020 12:36:00 PM	2/2/2021 3:37:00 AM	2,4,5-Trichlorophenol	n/a	<	2.9	µg/L	EPA 8270C	2.9	10	WKL	
MO-FIL	2020/21-1	Wet	12/28/2020 12:36:00 PM	2/2/2021 11:28:00 PM	2,4,6-Trichlorophenol	n/a	<	2.2	µg/L	EPA 625.1	2.2	10	WKL	
MO-FIL	2020/21-1	Wet	12/28/2020 12:36:00 PM	2/2/2021 3:37:00 AM	2,4,6-Trichlorophenol	n/a	<	3	µg/L	EPA 8270C	3	10	WKL	
MO-FIL	2020/21-1	Wet	12/28/2020 12:36:00 PM	2/2/2021 11:28:00 PM	2,4-Dichlorophenol	n/a	<	2.6	µg/L	EPA 625.1	2.6	10	WKL	
MO-FIL	2020/21-1	Wet	12/28/2020 12:36:00 PM	2/2/2021 3:37:00 AM	2,4-Dichlorophenol	n/a	<	5.1	µg/L	EPA 8270C	5.1	10	WKL	
MO-FIL	2020/21-1	Wet	12/28/2020 12:36:00 PM	2/2/2021 3:37:00 AM	2,4-Dimethylphenol	n/a	<	10	µg/L	EPA 8270C	10	20	WKL	LB-LCSR
MO-FIL	2020/21-1	Wet	12/28/2020 12:36:00 PM	2/2/2021 11:28:00 PM	2,4-Dimethylphenol	n/a	<	3	µg/L	EPA 625.1	3	10	WKL	
MO-FIL	2020/21-1	Wet	12/28/2020 12:36:00 PM	2/2/2021 11:28:00 PM	2,4-Dinitrophenol	n/a	<	19	µg/L	EPA 625.1	19	100	WKL	
MO-FIL	2020/21-1	Wet	12/28/2020 12:36:00 PM	2/2/2021 3:37:00 AM	2,4-Dinitrophenol	n/a	<	10	µg/L	EPA 8270C	10	20	WKL	
MO-FIL	2020/21-1	Wet	12/28/2020 12:36:00 PM	2/2/2021 11:28:00 PM	2,4-Dinitrotoluene	n/a	<	1.8	µg/L	EPA 625.1	1.8	10	WKL	
MO-FIL	2020/21-1	Wet	12/28/2020 12:36:00 PM	2/2/2021 11:28:00 PM	2,6-Dinitrotoluene	n/a	<	2.7	µg/L	EPA 625.1	2.7	10	WKL	
MO-FIL	2020/21-1	Wet	12/28/2020 12:36:00 PM	2/2/2021 11:28:00 PM	2-Chloronaphthalene	n/a	<	4.5	µg/L	EPA 625.1	4.5	10	WKL	
MO-FIL	2020/21-1	Wet	12/28/2020 12:36:00 PM	2/2/2021 11:28:00 PM	2-Chlorophenol	n/a	<	2.8	µg/L	EPA 625.1	2.8	10	WKL	
MO-FIL	2020/21-1	Wet	12/28/2020 12:36:00 PM	2/2/2021 3:37:00 AM	2-Chlorophenol	n/a	<	6.5	µg/L	EPA 8270C	6.5	10	WKL	
MO-FIL	2020/21-1	Wet	12/28/2020 12:36:00 PM	1/30/2021 10:22:00 PM	2-Methylnaphthalene	n/a	<	0.26	µg/L	EPA 8270C	0.26	1	WKL	
MO-FIL	2020/21-1	Wet	12/28/2020 12:36:00 PM	2/2/2021 3:37:00 AM	2-Methylphenol	n/a	<	3.4	µg/L	EPA 8270C	3.4	10	WKL	
MO-FIL	2020/21-1	Wet	12/28/2020 12:36:00 PM	2/2/2021 3:37:00 AM	2-Nitrophenol	n/a	<	7.1	µg/L	EPA 8270C	7.1	10	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-FIL	2020/21-1	Wet	12/28/2020 12:36:00 PM	2/2/2021 11:28:00 PM	2-Nitrophenol	n/a	<	2.6	µg/L	EPA 625.1	2.6	10	WKL	
MO-FIL	2020/21-1	Wet	12/28/2020 12:36:00 PM	2/2/2021 11:28:00 PM	3,3'-Dichlorobenzidine	n/a	<	9.9	µg/L	EPA 625.1	9.9	50	WKL	
MO-FIL	2020/21-1	Wet	12/28/2020 12:36:00 PM	2/2/2021 3:37:00 AM	3-/4-Methylphenol	n/a	<	3	µg/L	EPA 8270C	3	10	WKL	
MO-FIL	2020/21-1	Wet	12/28/2020 12:36:00 PM	2/2/2021 11:28:00 PM	4,6-Dinitro-2-methylphenol	n/a	<	14	µg/L	EPA 625.1	14	50	WKL	
MO-FIL	2020/21-1	Wet	12/28/2020 12:36:00 PM	2/2/2021 3:37:00 AM	4,6-Dinitro-2-methylphenol	n/a	<	1.4	µg/L	EPA 8270C	1.4	10	WKL	
MO-FIL	2020/21-1	Wet	12/28/2020 12:36:00 PM	2/2/2021 11:28:00 PM	4-Bromophenyl phenyl ether	n/a	<	3.6	µg/L	EPA 625.1	3.6	10	WKL	
MO-FIL	2020/21-1	Wet	12/28/2020 12:36:00 PM	2/2/2021 11:28:00 PM	4-Chloro-3-methylphenol	n/a	<	2.3	µg/L	EPA 625.1	2.3	10	WKL	
MO-FIL	2020/21-1	Wet	12/28/2020 12:36:00 PM	2/2/2021 3:37:00 AM	4-Chloro-3-methylphenol	n/a	<	3.7	µg/L	EPA 8270C	3.7	10	WKL	
MO-FIL	2020/21-1	Wet	12/28/2020 12:36:00 PM	2/2/2021 11:28:00 PM	4-Chlorophenyl phenyl ether	n/a	<	4.1	µg/L	EPA 625.1	4.1	10	WKL	
MO-FIL	2020/21-1	Wet	12/28/2020 12:36:00 PM	2/2/2021 11:28:00 PM	4-Nitrophenol	n/a	<	12	µg/L	EPA 625.1	12	50	WKL	
MO-FIL	2020/21-1	Wet	12/28/2020 12:36:00 PM	2/2/2021 3:37:00 AM	4-Nitrophenol	n/a	<	10	µg/L	EPA 8270C	10	20	WKL	
MO-FIL	2020/21-1	Wet	12/28/2020 12:36:00 PM	1/30/2021 10:22:00 PM	Acenaphthene	n/a	<	0.28	µg/L	EPA 8270C	0.28	1	WKL	
MO-FIL	2020/21-1	Wet	12/28/2020 12:36:00 PM	2/2/2021 11:28:00 PM	Acenaphthene	n/a	<	3.8	µg/L	EPA 625.1	3.8	10	WKL	
MO-FIL	2020/21-1	Wet	12/28/2020 12:36:00 PM	1/30/2021 10:22:00 PM	Acenaphthylene	n/a	<	0.33	µg/L	EPA 8270C	0.33	1	WKL	
MO-FIL	2020/21-1	Wet	12/28/2020 12:36:00 PM	2/2/2021 11:28:00 PM	Acenaphthylene	n/a	<	1.7	µg/L	EPA 625.1	1.7	10	WKL	
MO-FIL	2020/21-1	Wet	12/28/2020 12:36:00 PM	2/2/2021 11:28:00 PM	Anthracene	n/a	<	1.2	µg/L	EPA 625.1	1.2	10	WKL	
MO-FIL	2020/21-1	Wet	12/28/2020 12:36:00 PM	1/30/2021 10:22:00 PM	Anthracene	n/a	<	0.25	µg/L	EPA 8270C	0.25	1	WKL	
MO-FIL	2020/21-1	Wet	12/28/2020 12:36:00 PM	1/30/2021 10:22:00 PM	Benz(a)anthracene	n/a	<	0.51	µg/L	EPA 8270C	0.51	1	WKL	
MO-FIL	2020/21-1	Wet	12/28/2020 12:36:00 PM	2/2/2021 11:28:00 PM	Benz(a)anthracene	n/a	<	1.9	µg/L	EPA 625.1	1.9	10	WKL	
MO-FIL	2020/21-1	Wet	12/28/2020 12:36:00 PM	2/2/2021 11:28:00 PM	Benzenzidine	n/a	<	14	µg/L	EPA 625.1	14	100	WKL	
MO-FIL	2020/21-1	Wet	12/28/2020 12:36:00 PM	2/2/2021 11:28:00 PM	Benzo(a)pyrene	n/a	<	3.9	µg/L	EPA 625.1	3.9	10	WKL	
MO-FIL	2020/21-1	Wet	12/28/2020 12:36:00 PM	1/16/2021 4:20:00 AM	Benzo(a)pyrene	n/a	<	1	µg/L	EPA 525.2	1	5	WKL	
MO-FIL	2020/21-1	Wet	12/28/2020 12:36:00 PM	1/30/2021 10:22:00 PM	Benzo(a)pyrene	n/a	<	0.51	µg/L	EPA 8270C	0.51	1	WKL	
MO-FIL	2020/21-1	Wet	12/28/2020 12:36:00 PM	2/2/2021 11:28:00 PM	Benzo(b)fluoranthene	n/a	<	4.6	µg/L	EPA 625.1	4.6	10	WKL	
MO-FIL	2020/21-1	Wet	12/28/2020 12:36:00 PM	1/30/2021 10:22:00 PM	Benzo(b)fluoranthene	n/a	<	0.27	µg/L	EPA 8270C	0.27	1	WKL	
MO-FIL	2020/21-1	Wet	12/28/2020 12:36:00 PM	1/30/2021 10:22:00 PM	Benzo(g,h,i)perylene	n/a	<	0.5	µg/L	EPA 8270C	0.5	1	WKL	
MO-FIL	2020/21-1	Wet	12/28/2020 12:36:00 PM	2/2/2021 11:28:00 PM	Benzo(g,h,i)perylene	n/a	<	4.2	µg/L	EPA 625.1	4.2	20	WKL	
MO-FIL	2020/21-1	Wet	12/28/2020 12:36:00 PM	2/2/2021 11:28:00 PM	Benzo(k)fluoranthene	n/a	<	2.2	µg/L	EPA 625.1	2.2	10	WKL	
MO-FIL	2020/21-1	Wet	12/28/2020 12:36:00 PM	1/30/2021 10:22:00 PM	Benzo(k)fluoranthene	n/a	<	0.26	µg/L	EPA 8270C	0.26	1	WKL	
MO-FIL	2020/21-1	Wet	12/28/2020 12:36:00 PM	2/2/2021 11:28:00 PM	Bis(2-chloroethoxy)methane	n/a	<	2.5	µg/L	EPA 625.1	2.5	10	WKL	
MO-FIL	2020/21-1	Wet	12/28/2020 12:36:00 PM	2/2/2021 11:28:00 PM	Bis(2-chloroethyl)ether	n/a	<	2.7	µg/L	EPA 625.1	2.7	10	WKL	
MO-FIL	2020/21-1	Wet	12/28/2020 12:36:00 PM	2/2/2021 11:28:00 PM	Bis(2-chloroisopropyl)ether	n/a	<	3.8	µg/L	EPA 625.1	3.8	10	WKL	
MO-FIL	2020/21-1	Wet	12/28/2020 12:36:00 PM	1/16/2021 4:20:00 AM	Bis(2-ethylhexyl)adipate	n/a	DNQ	19	µg/L	EPA 525.2	6	250	WKL	UL-MB
MO-FIL	2020/21-1	Wet	12/28/2020 12:36:00 PM	1/16/2021 4:20:00 AM	Bis(2-ethylhexyl)phthalate	n/a	<	20	µg/L	EPA 525.2	20	150	WKL	
MO-FIL	2020/21-1	Wet	12/28/2020 12:36:00 PM	2/2/2021 11:28:00 PM	Bis(2-ethylhexyl)phthalate	n/a	<	23	µg/L	EPA 625.1	23	50	WKL	
MO-FIL	2020/21-1	Wet	12/28/2020 12:36:00 PM	2/2/2021 11:28:00 PM	Butyl benzyl phthalate	n/a	DNQ	4.2	µg/L	EPA 625.1	1.8	10	WKL	
MO-FIL	2020/21-1	Wet	12/28/2020 12:36:00 PM	2/2/2021 11:28:00 PM	Chrysene	n/a	<	1.9	µg/L	EPA 625.1	1.9	10	WKL	
MO-FIL	2020/21-1	Wet	12/28/2020 12:36:00 PM	1/30/2021 10:22:00 PM	Chrysene	n/a	<	0.32	µg/L	EPA 8270C	0.32	1	WKL	
MO-FIL	2020/21-1	Wet	12/28/2020 12:36:00 PM	1/30/2021 10:22:00 PM	Dibenz(a,h)anthracene	n/a	<	0.96	µg/L	EPA 8270C	0.96	1	WKL	
MO-FIL	2020/21-1	Wet	12/28/2020 12:36:00 PM	2/2/2021 11:28:00 PM	Dibenz(a,h)anthracene	n/a	<	5.3	µg/L	EPA 625.1	5.3	20	WKL	
MO-FIL	2020/21-1	Wet	12/28/2020 12:36:00 PM	2/2/2021 11:28:00 PM	Diethyl phthalate	n/a	<	1.5	µg/L	EPA 625.1	1.5	10	WKL	
MO-FIL	2020/21-1	Wet	12/28/2020 12:36:00 PM	2/2/2021 11:28:00 PM	Dimethyl phthalate	n/a	<	1.8	µg/L	EPA 625.1	1.8	10	WKL	
MO-FIL	2020/21-1	Wet	12/28/2020 12:36:00 PM	2/2/2021 11:28:00 PM	Di-n-butylphthalate	n/a	<	1	µg/L	EPA 625.1	1	10	WKL	
MO-FIL	2020/21-1	Wet	12/28/2020 12:36:00 PM	2/2/2021 11:28:00 PM	Di-n-octylphthalate	n/a	<	4.6	µg/L	EPA 625.1	4.6	10	WKL	
MO-FIL	2020/21-1	Wet	12/28/2020 12:36:00 PM	1/30/2021 10:22:00 PM	Fluoranthene	n/a	<	0.39	µg/L	EPA 8270C	0.39	1	WKL	
MO-FIL	2020/21-1	Wet	12/28/2020 12:36:00 PM	2/2/2021 11:28:00 PM	Fluoranthene	n/a	<	0.8	µg/L	EPA 625.1	0.8	10	WKL	
MO-FIL	2020/21-1	Wet	12/28/2020 12:36:00 PM	2/2/2021 11:28:00 PM	Fluorene	n/a	<	3.5	µg/L	EPA 625.1	3.5	10	WKL	
MO-FIL	2020/21-1	Wet	12/28/2020 12:36:00 PM	1/30/2021 10:22:00 PM	Fluorene	n/a	<	0.29	µg/L	EPA 8270C	0.29	1	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-FIL	2020/21-1	Wet	12/28/2020 12:36:00 PM	2/2/2021 11:28:00 PM	Hexachlorobenzene	n/a	<	4.9	µg/L	EPA 625.1	4.9	10	WKL	
MO-FIL	2020/21-1	Wet	12/28/2020 12:36:00 PM	2/2/2021 11:28:00 PM	Hexachlorobutadiene	n/a	<	4.7	µg/L	EPA 625.1	4.7	10	WKL	
MO-FIL	2020/21-1	Wet	12/28/2020 12:36:00 PM	2/2/2021 11:28:00 PM	Hexachlorocyclopentadiene	n/a	<	9.8	µg/L	EPA 625.1	9.8	50	WKL	
MO-FIL	2020/21-1	Wet	12/28/2020 12:36:00 PM	2/2/2021 11:28:00 PM	Hexachloroethane	n/a	<	5	µg/L	EPA 625.1	5	10	WKL	
MO-FIL	2020/21-1	Wet	12/28/2020 12:36:00 PM	2/2/2021 11:28:00 PM	Indeno(1,2,3-cd)pyrene	n/a	<	5.5	µg/L	EPA 625.1	5.5	20	WKL	
MO-FIL	2020/21-1	Wet	12/28/2020 12:36:00 PM	1/30/2021 10:22:00 PM	Indeno(1,2,3-cd)pyrene	n/a	<	0.65	µg/L	EPA 8270C	0.65	1	WKL	
MO-FIL	2020/21-1	Wet	12/28/2020 12:36:00 PM	2/2/2021 11:28:00 PM	Isophorone	n/a	<	2.1	µg/L	EPA 625.1	2.1	10	WKL	
MO-FIL	2020/21-1	Wet	12/28/2020 12:36:00 PM	2/2/2021 11:28:00 PM	Naphthalene	n/a	<	4.9	µg/L	EPA 625.1	4.9	10	WKL	
MO-FIL	2020/21-1	Wet	12/28/2020 12:36:00 PM	1/30/2021 10:22:00 PM	Naphthalene	n/a	<	0.26	µg/L	EPA 8270C	0.26	1	WKL	
MO-FIL	2020/21-1	Wet	12/28/2020 12:36:00 PM	2/2/2021 11:28:00 PM	Nitrobenzene	n/a	<	3.6	µg/L	EPA 625.1	3.6	10	WKL	
MO-FIL	2020/21-1	Wet	12/28/2020 12:36:00 PM	2/2/2021 11:28:00 PM	N-Nitrosodimethylamine	n/a	<	5	µg/L	EPA 625.1	5	10	WKL	
MO-FIL	2020/21-1	Wet	12/28/2020 12:36:00 PM	2/2/2021 11:28:00 PM	N-Nitrosodi-N-propylamine	n/a	<	2.6	µg/L	EPA 625.1	2.6	10	WKL	
MO-FIL	2020/21-1	Wet	12/28/2020 12:36:00 PM	2/2/2021 11:28:00 PM	N-Nitrosodiphenylamine	n/a	<	1.9	µg/L	EPA 625.1	1.9	10	WKL	
MO-FIL	2020/21-1	Wet	12/28/2020 12:36:00 PM	2/2/2021 11:28:00 PM	Phenanthrene	n/a	<	3.2	µg/L	EPA 625.1	3.2	10	WKL	
MO-FIL	2020/21-1	Wet	12/28/2020 12:36:00 PM	1/30/2021 10:22:00 PM	Phenanthrene	n/a	<	0.29	µg/L	EPA 8270C	0.29	1	WKL	
MO-FIL	2020/21-1	Wet	12/28/2020 12:36:00 PM	2/2/2021 11:28:00 PM	Phenol	n/a	<	1.6	µg/L	EPA 625.1	1.6	10	WKL	
MO-FIL	2020/21-1	Wet	12/28/2020 12:36:00 PM	2/2/2021 3:37:00 AM	Phenol	n/a	<	3.5	µg/L	EPA 8270C	3.5	10	WKL	
MO-FIL	2020/21-1	Wet	12/28/2020 12:36:00 PM	1/30/2021 10:22:00 AM	Pyrene	n/a	<	0.4	µg/L	EPA 8270C	0.4	1	WKL	
MO-FIL	2020/21-1	Wet	12/28/2020 12:36:00 PM	2/2/2021 11:28:00 PM	Pyrene	n/a	<	2.5	µg/L	EPA 625.1	2.5	10	WKL	
MO-FIL	2020/21-1	Wet	12/28/2020 12:36:00 PM	1/14/2021 3:23:00 AM	PCB Aroclor 1016	n/a	<	10	µg/L	EPA 608.3	10	10	WKL	
MO-FIL	2020/21-1	Wet	12/28/2020 12:36:00 PM	1/14/2021 3:23:00 AM	PCB Aroclor 1221	n/a	<	10	µg/L	EPA 608.3	10	10	WKL	
MO-FIL	2020/21-1	Wet	12/28/2020 12:36:00 PM	1/14/2021 3:23:00 AM	PCB Aroclor 1232	n/a	<	10	µg/L	EPA 608.3	10	10	WKL	
MO-FIL	2020/21-1	Wet	12/28/2020 12:36:00 PM	1/14/2021 3:23:00 AM	PCB Aroclor 1242	n/a	<	10	µg/L	EPA 608.3	10	10	WKL	
MO-FIL	2020/21-1	Wet	12/28/2020 12:36:00 PM	1/14/2021 3:23:00 AM	PCB Aroclor 1248	n/a	<	10	µg/L	EPA 608.3	10	10	WKL	
MO-FIL	2020/21-1	Wet	12/28/2020 12:36:00 PM	1/14/2021 3:23:00 AM	PCB Aroclor 1254	n/a	<	10	µg/L	EPA 608.3	10	10	WKL	
MO-FIL	2020/21-1	Wet	12/28/2020 12:36:00 PM	1/14/2021 3:23:00 AM	PCB Aroclor 1260	n/a	<	10	µg/L	EPA 608.3	10	10	WKL	
MO-FIL	2020/21-1	Wet	12/28/2020 12:36:00 PM	1/10/2021 7:35:00 AM	2,4,5-T	n/a	<	0.55	µg/L	EPA 515.4	0.55	2	WKL	
MO-FIL	2020/21-1	Wet	12/28/2020 12:36:00 PM	1/10/2021 7:35:00 AM	2,4,5-TP	n/a	<	0.46	µg/L	EPA 515.4	0.46	2	WKL	
MO-FIL	2020/21-1	Wet	12/28/2020 12:36:00 PM	1/10/2021 7:35:00 AM	2,4-D	n/a	<	1.4	µg/L	EPA 515.4	1.4	4	WKL	
MO-FIL	2020/21-1	Wet	12/28/2020 12:36:00 PM	1/10/2021 7:35:00 AM	2,4-DB	n/a	<	1.9	µg/L	EPA 515.4	1.9	20	WKL	
MO-FIL	2020/21-1	Wet	12/28/2020 12:36:00 PM	1/10/2021 7:35:00 AM	3,5-Dichlorobenzoic acid	n/a	<	1.2	µg/L	EPA 515.4	1.2	10	WKL	
MO-FIL	2020/21-1	Wet	12/28/2020 12:36:00 PM	1/14/2021 3:23:00 AM	4,4'-DDD	n/a	<	0.014	µg/L	EPA 608.3	0.014	1	WKL	
MO-FIL	2020/21-1	Wet	12/28/2020 12:36:00 PM	1/14/2021 3:23:00 AM	4,4'-DDE	n/a	<	0.1	µg/L	EPA 608.3	0.1	1	WKL	
MO-FIL	2020/21-1	Wet	12/28/2020 12:36:00 PM	1/14/2021 3:23:00 AM	4,4'-DDT	n/a	<	0.1	µg/L	EPA 608.3	0.1	0.2	WKL	
MO-FIL	2020/21-1	Wet	12/28/2020 12:36:00 PM	1/10/2021 7:35:00 AM	Acifluorfen	n/a	<	0.72	µg/L	EPA 515.4	0.72	4	WKL	
MO-FIL	2020/21-1	Wet	12/28/2020 12:36:00 PM	1/16/2021 4:20:00 AM	Alachlor	n/a	<	1.5	µg/L	EPA 525.2	1.5	5	WKL	
MO-FIL	2020/21-1	Wet	12/28/2020 12:36:00 PM	1/14/2021 3:23:00 AM	Aldrin	n/a	<	0.1	µg/L	EPA 608.3	0.1	0.1	WKL	
MO-FIL	2020/21-1	Wet	12/28/2020 12:36:00 PM	1/14/2021 3:23:00 AM	alpha-BHC	n/a	<	0.022	µg/L	EPA 608.3	0.022	0.2	WKL	
MO-FIL	2020/21-1	Wet	12/28/2020 12:36:00 PM	1/14/2021 3:23:00 AM	alpha-Chlordane	n/a	<	0.058	µg/L	EPA 608.3	0.058	0.2	WKL	
MO-FIL	2020/21-1	Wet	12/28/2020 12:36:00 PM	1/16/2021 4:20:00 AM	Atrazine	n/a	<	1.5	µg/L	EPA 525.2	1.5	5	WKL	
MO-FIL	2020/21-1	Wet	12/28/2020 12:36:00 PM	1/20/2021 8:33:00 AM	Azinphos methyl	n/a	<	0.028	µg/L	EPA 625.1m	0.028	0.05	WKL	
MO-FIL	2020/21-1	Wet	12/28/2020 12:36:00 PM	1/10/2021 7:35:00 AM	Bentazon	n/a	<	2.3	µg/L	EPA 515.4	2.3	20	WKL	
MO-FIL	2020/21-1	Wet	12/28/2020 12:36:00 PM	1/14/2021 3:23:00 AM	beta-BHC	n/a	<	0.03	µg/L	EPA 608.3	0.03	0.1	WKL	
MO-FIL	2020/21-1	Wet	12/28/2020 12:36:00 PM	1/20/2021 8:33:00 AM	Bolstar	n/a	<	0.023	µg/L	EPA 625.1m	0.023	0.05	WKL	
MO-FIL	2020/21-1	Wet	12/28/2020 12:36:00 PM	1/16/2021 4:20:00 AM	Bromacil	n/a	<	8	µg/L	EPA 525.2	8	25	WKL	
MO-FIL	2020/21-1	Wet	12/28/2020 12:36:00 PM	1/16/2021 4:20:00 AM	Butachlor	n/a	<	1.5	µg/L	EPA 525.2	1.5	5	WKL	
MO-FIL	2020/21-1	Wet	12/28/2020 12:36:00 PM	1/16/2021 4:20:00 AM	Captan	n/a	<	8	µg/L	EPA 525.2	8	50	WKL	
MO-FIL	2020/21-1	Wet	12/28/2020 12:36:00 PM	1/14/2021 3:23:00 AM	Chlordane (technical)	n/a	<	2	µg/L	EPA 608.3	2	2	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-FIL	2020/21-1	Wet	12/28/2020 12:36:00 PM	1/16/2021 4:20:00 AM	Chloroprotham	n/a	<	2	µg/L	EPA 525.2	2	5	WKL	
MO-FIL	2020/21-1	Wet	12/28/2020 12:36:00 PM	1/20/2021 8:33:00 AM	Chlorpyrifos	n/a	<	0.034	µg/L	EPA 625.1m	0.034	0.05	WKL	
MO-FIL	2020/21-1	Wet	12/28/2020 12:36:00 PM	1/20/2021 8:33:00 AM	Coumaphos	n/a	<	0.026	µg/L	EPA 625.1m	0.026	0.05	WKL	
MO-FIL	2020/21-1	Wet	12/28/2020 12:36:00 PM	1/16/2021 4:20:00 AM	Cyanazine	n/a	<	2	µg/L	EPA 525.2	2	5	WKL	
MO-FIL	2020/21-1	Wet	12/28/2020 12:36:00 PM	1/10/2021 7:35:00 AM	Dalapon	n/a	<	1.1	µg/L	EPA 515.4	1.1	4	WKL	
MO-FIL	2020/21-1	Wet	12/28/2020 12:36:00 PM	1/10/2021 7:35:00 AM	DCPA (Dacthal)	n/a	<	0.53	µg/L	EPA 515.4	0.53	1	WKL	
MO-FIL	2020/21-1	Wet	12/28/2020 12:36:00 PM	1/14/2021 3:23:00 AM	delta-BHC	n/a	<	0.1	µg/L	EPA 608.3	0.1	0.1	WKL	
MO-FIL	2020/21-1	Wet	12/28/2020 12:36:00 PM	1/20/2021 8:33:00 AM	Demeton-O	n/a	<	0.05	µg/L	EPA 625.1m	0.05	0.05	WKL	-LCSRPD, LB-L
MO-FIL	2020/21-1	Wet	12/28/2020 12:36:00 PM	1/20/2021 8:33:00 AM	Demeton-S	n/a	<	0.05	µg/L	EPA 625.1m	0.05	0.05	WKL	
MO-FIL	2020/21-1	Wet	12/28/2020 12:36:00 PM	1/20/2021 8:33:00 AM	Diazinon	n/a	<	0.026	µg/L	EPA 625.1m	0.026	0.05	WKL	EST-LCSRPD
MO-FIL	2020/21-1	Wet	12/28/2020 12:36:00 PM	1/16/2021 4:20:00 AM	Diazinon	n/a	<	2.5	µg/L	EPA 525.2	2.5	5	WKL	
MO-FIL	2020/21-1	Wet	12/28/2020 12:36:00 PM	1/10/2021 7:35:00 AM	Dicamba	n/a	<	0.75	µg/L	EPA 515.4	0.75	6	WKL	
MO-FIL	2020/21-1	Wet	12/28/2020 12:36:00 PM	1/10/2021 7:35:00 AM	Dichlorprop	n/a	<	1.2	µg/L	EPA 515.4	1.2	3	WKL	
MO-FIL	2020/21-1	Wet	12/28/2020 12:36:00 PM	1/20/2021 8:33:00 AM	Dichlorvos	n/a	<	0.014	µg/L	EPA 625.1m	0.014	0.05	WKL	
MO-FIL	2020/21-1	Wet	12/28/2020 12:36:00 PM	1/14/2021 3:23:00 AM	Dieldrin	n/a	<	0.016	µg/L	EPA 608.3	0.016	0.2	WKL	
MO-FIL	2020/21-1	Wet	12/28/2020 12:36:00 PM	1/20/2021 8:33:00 AM	Dimethoate	n/a	<	0.031	µg/L	EPA 625.1m	0.031	0.05	WKL	
MO-FIL	2020/21-1	Wet	12/28/2020 12:36:00 PM	1/16/2021 4:20:00 AM	Dimethoate	n/a	<	1	µg/L	EPA 525.2	1	10	WKL	LB-LCSR
MO-FIL	2020/21-1	Wet	12/28/2020 12:36:00 PM	1/10/2021 7:35:00 AM	Dinoseb	n/a	<	0.55	µg/L	EPA 515.4	0.55	4	WKL	
MO-FIL	2020/21-1	Wet	12/28/2020 12:36:00 PM	1/16/2021 4:20:00 AM	Diphenamid	n/a	<	1.5	µg/L	EPA 525.2	1.5	5	WKL	
MO-FIL	2020/21-1	Wet	12/28/2020 12:36:00 PM	1/16/2021 4:20:00 AM	Disulfoton	n/a	<	2	µg/L	EPA 525.2	2	5	WKL	
MO-FIL	2020/21-1	Wet	12/28/2020 12:36:00 PM	1/20/2021 8:33:00 AM	Disulfoton	n/a	<	0.05	µg/L	EPA 625.1m	0.05	0.05	WKL	
MO-FIL	2020/21-1	Wet	12/28/2020 12:36:00 PM	1/14/2021 3:23:00 AM	Endosulfan I	n/a	<	0.018	µg/L	EPA 608.3	0.018	0.4	WKL	
MO-FIL	2020/21-1	Wet	12/28/2020 12:36:00 PM	1/14/2021 3:23:00 AM	Endosulfan II	n/a	<	0.014	µg/L	EPA 608.3	0.014	0.2	WKL	
MO-FIL	2020/21-1	Wet	12/28/2020 12:36:00 PM	1/14/2021 3:23:00 AM	Endosulfan sulfate	n/a	<	0.026	µg/L	EPA 608.3	0.026	1	WKL	
MO-FIL	2020/21-1	Wet	12/28/2020 12:36:00 PM	1/14/2021 3:23:00 AM	Endrin	n/a	<	0.034	µg/L	EPA 608.3	0.034	0.2	WKL	
MO-FIL	2020/21-1	Wet	12/28/2020 12:36:00 PM	1/14/2021 3:23:00 AM	Endrin aldehyde	n/a	<	0.038	µg/L	EPA 608.3	0.038	0.2	WKL	
MO-FIL	2020/21-1	Wet	12/28/2020 12:36:00 PM	1/16/2021 4:20:00 AM	EPTC	n/a	<	1	µg/L	EPA 525.2	1	5	WKL	
MO-FIL	2020/21-1	Wet	12/28/2020 12:36:00 PM	1/20/2021 8:33:00 AM	Ethoprop	n/a	<	0.034	µg/L	EPA 625.1m	0.034	0.05	WKL	
MO-FIL	2020/21-1	Wet	12/28/2020 12:36:00 PM	1/20/2021 8:33:00 AM	Ethyl parathion	n/a	<	0.027	µg/L	EPA 625.1m	0.027	0.05	WKL	EST-LCSRPD
MO-FIL	2020/21-1	Wet	12/28/2020 12:36:00 PM	1/20/2021 8:33:00 AM	Fensulfathion	n/a	<	0.014	µg/L	EPA 625.1m	0.014	0.05	WKL	
MO-FIL	2020/21-1	Wet	12/28/2020 12:36:00 PM	1/20/2021 8:33:00 AM	Fenthion	n/a	<	0.019	µg/L	EPA 625.1m	0.019	0.05	WKL	
MO-FIL	2020/21-1	Wet	12/28/2020 12:36:00 PM	1/14/2021 3:23:00 AM	gamma-BHC (Lindane)	n/a	<	0.008	µg/L	EPA 608.3	0.008	0.4	WKL	
MO-FIL	2020/21-1	Wet	12/28/2020 12:36:00 PM	1/14/2021 3:23:00 AM	gamma-Chlordane	n/a	<	0.046	µg/L	EPA 608.3	0.046	0.2	WKL	
MO-FIL	2020/21-1	Wet	12/28/2020 12:36:00 PM	12/30/2020 3:35:00 AM	Glyphosate	n/a	=	23	µg/L	EPA 547	1.8	5	WKL	
MO-FIL	2020/21-1	Wet	12/28/2020 12:36:00 PM	1/14/2021 3:23:00 AM	Heptachlor	n/a	<	0.012	µg/L	EPA 608.3	0.012	0.2	WKL	
MO-FIL	2020/21-1	Wet	12/28/2020 12:36:00 PM	1/14/2021 3:23:00 AM	Heptachlor epoxide	n/a	<	0.008	µg/L	EPA 608.3	0.008	0.2	WKL	
MO-FIL	2020/21-1	Wet	12/28/2020 12:36:00 PM	1/20/2021 8:33:00 AM	Malathion	n/a	<	0.038	µg/L	EPA 625.1m	0.038	0.05	WKL	
MO-FIL	2020/21-1	Wet	12/28/2020 12:36:00 PM	1/20/2021 8:33:00 AM	Merphos	n/a	<	0.029	µg/L	EPA 625.1m	0.029	0.05	WKL	
MO-FIL	2020/21-1	Wet	12/28/2020 12:36:00 PM	1/20/2021 8:33:00 AM	Methyl parathion	n/a	<	0.032	µg/L	EPA 625.1m	0.032	0.05	WKL	
MO-FIL	2020/21-1	Wet	12/28/2020 12:36:00 PM	1/16/2021 4:20:00 AM	Metolachlor	n/a	<	1.5	µg/L	EPA 525.2	1.5	5	WKL	
MO-FIL	2020/21-1	Wet	12/28/2020 12:36:00 PM	1/16/2021 4:20:00 AM	Metribuzin	n/a	DNQ	2.9	µg/L	EPA 525.2	1.5	5	WKL	
MO-FIL	2020/21-1	Wet	12/28/2020 12:36:00 PM	1/20/2021 8:33:00 AM	Mevinphos	n/a	<	0.021	µg/L	EPA 625.1m	0.021	0.05	WKL	
MO-FIL	2020/21-1	Wet	12/28/2020 12:36:00 PM	1/16/2021 4:20:00 AM	Molinate	n/a	<	1.5	µg/L	EPA 525.2	1.5	5	WKL	
MO-FIL	2020/21-1	Wet	12/28/2020 12:36:00 PM	1/20/2021 8:33:00 AM	Naled	n/a	<	0.038	µg/L	EPA 625.1m	0.038	0.05	WKL	
MO-FIL	2020/21-1	Wet	12/28/2020 12:36:00 PM	1/10/2021 7:35:00 AM	Pentachlorophenol	n/a	<	0.46	µg/L	EPA 515.4	0.46	2	WKL	
MO-FIL	2020/21-1	Wet	12/28/2020 12:36:00 PM	2/2/2021 11:28:00 PM	Pentachlorophenol	n/a	<	4	µg/L	EPA 625.1	4	10	WKL	
MO-FIL	2020/21-1	Wet	12/28/2020 12:36:00 PM	2/2/2021 3:37:00 AM	Pentachlorophenol	n/a	<	1.5	µg/L	EPA 8270C	1.5	10	WKL	
MO-FIL	2020/21-1	Wet	12/28/2020 12:36:00 PM	1/20/2021 8:33:00 AM	Phorate	n/a	<	0.015	µg/L	EPA 625.1m	0.015	0.05	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-FIL	2020/21-1	Wet	12/28/2020 12:36:00 PM	1/10/2021 7:35:00 AM	Picloram	n/a	<	0.38	µg/L	EPA 515.4	0.38	6	WKL	
MO-FIL	2020/21-1	Wet	12/28/2020 12:36:00 PM	1/16/2021 4:20:00 AM	Prometon	n/a	<	0.5	µg/L	EPA 525.2	0.5	5	WKL	EST-LCSRPD
MO-FIL	2020/21-1	Wet	12/28/2020 12:36:00 PM	1/16/2021 4:20:00 AM	Prometryn	n/a	<	1.5	µg/L	EPA 525.2	1.5	5	WKL	EST-LCSRPD
MO-FIL	2020/21-1	Wet	12/28/2020 12:36:00 PM	1/20/2021 8:33:00 AM	Ronnel (Fenclorophos)	n/a	<	0.02	µg/L	EPA 625.1m	0.02	0.05	WKL	
MO-FIL	2020/21-1	Wet	12/28/2020 12:36:00 PM	1/16/2021 4:20:00 AM	Simazine	n/a	<	1	µg/L	EPA 525.2	1	5	WKL	
MO-FIL	2020/21-1	Wet	12/28/2020 12:36:00 PM	1/20/2021 8:33:00 AM	Stirophos (Tetrachlorvinphos)	n/a	<	0.016	µg/L	EPA 625.1m	0.016	0.05	WKL	
MO-FIL	2020/21-1	Wet	12/28/2020 12:36:00 PM	1/16/2021 4:20:00 AM	Terbacil	n/a	<	4.5	µg/L	EPA 525.2	4.5	100	WKL	
MO-FIL	2020/21-1	Wet	12/28/2020 12:36:00 PM	1/16/2021 4:20:00 AM	Thiobencarb	n/a	<	1.5	µg/L	EPA 525.2	1.5	5	WKL	
MO-FIL	2020/21-1	Wet	12/28/2020 12:36:00 PM	1/20/2021 8:33:00 AM	Tokuthion	n/a	<	0.039	µg/L	EPA 625.1m	0.039	0.05	WKL	
MO-FIL	2020/21-1	Wet	12/28/2020 12:36:00 PM	1/14/2021 3:23:00 AM	Toxaphene	n/a	<	50	µg/L	EPA 608.3	50	50	WKL	
MO-FIL	2020/21-1	Wet	12/28/2020 12:36:00 PM	1/20/2021 8:33:00 AM	Trichloronate	n/a	<	0.034	µg/L	EPA 625.1m	0.034	0.05	WKL	
MO-FIL	2020/21-1	Wet	12/28/2020 12:36:00 PM	1/16/2021 4:20:00 AM	Trithion	n/a	<	1	µg/L	EPA 525.2	1	5	WKL	
MO-FIL	2020/21-2	Wet	1/28/2021 8:15:00 PM	1/28/2021 8:15:00 PM	Conductivity	n/a	=	106.1	µmhos/cm	Field Meter	-88	1	Field Crew	
MO-FIL	2020/21-2	Wet	1/28/2021 8:15:00 PM	2/9/2021 5:07:00 PM	Cyanide	Total	DNQ	0.0008	mg/L	ASTM D7511	0.0003	0.002	WKL	
MO-FIL	2020/21-2	Wet	1/28/2021 8:15:00 PM	1/28/2021 8:15:00 PM	DO	n/a	=	9.45	mg/L	Field Meter	-88	0.3	Field Crew	
MO-FIL	2020/21-2	Wet	1/28/2021 8:15:00 PM	1/28/2021 8:15:00 PM	DO	n/a	=	91.8	%	Field Meter	-88	0.1	Field Crew	
MO-FIL	2020/21-2	Wet	1/28/2021 8:15:00 PM	1/28/2021 8:15:00 PM	pH	n/a	=	6.63	pH Units	Field Meter	-88	0.01	Field Crew	
MO-FIL	2020/21-2	Wet	1/28/2021 8:15:00 PM	1/28/2021 8:15:00 PM	Salinity	n/a	=	100	mg/L	Field Meter	-88	100	Field Crew	
MO-FIL	2020/21-2	Wet	1/28/2021 8:15:00 PM	1/28/2021 8:15:00 PM	Specific Conductance	n/a	=	143.5	µmhos/cm	Field Meter	-88	1	Field Crew	
MO-FIL	2020/21-2	Wet	1/28/2021 8:15:00 PM	1/28/2021 8:15:00 PM	Temperature	n/a	=	11.2	°C	Field Meter	-88	0.1	Field Crew	
MO-FIL	2020/21-2	Wet	1/28/2021 8:15:00 PM	2/1/2021 10:39:00 AM	Gasoline Range Organics	n/a	<	0.065	mg/L	LUFT GC/MS	0.065	0.1	WKL	
MO-FIL	2020/21-2	Wet	1/28/2021 8:15:00 PM	2/16/2021 12:43:00 PM	Oil and Grease	n/a	DNQ	1.3	mg/L	EPA 1664B	0.7	5	WKL	
MO-FIL	2020/21-2	Wet	1/28/2021 8:15:00 PM	1/31/2021 4:34:00 PM	2-Chloroethyl vinyl ether	n/a	<	0.19	µg/L	EPA 624.1	0.19	1	WKL	
MO-FIL	2020/21-2	Wet	1/28/2021 8:15:00 PM	1/31/2021 4:34:00 PM	Methyl tert-butyl ether (MTBE)	n/a	<	0.4	µg/L	EPA 624.1	0.4	1	WKL	
MO-FIL	2020/21-2	Wet	1/29/2021 8:48:00 AM	2/3/2021 3:00:00 AM	Chloride	n/a	=	24	mg/L	EPA 300.0	0.17	1	WKL	
MO-FIL	2020/21-2	Wet	1/29/2021 8:48:00 AM	2/3/2021 3:00:00 AM	Fluoride	n/a	=	0.27	mg/L	EPA 300.0	0.018	0.2	WKL	
MO-FIL	2020/21-2	Wet	1/29/2021 8:48:00 AM	2/3/2021 7:52:00 AM	Perchlorate	n/a	=	3.4	µg/L	EPA 314.0	0.84	2	WKL	
MO-FIL	2020/21-2	Wet	1/29/2021 8:48:00 AM	2/6/2021 5:36:00 PM	Calcium	Total	=	63.4	mg/L	EPA 200.7	0.016	0.1	WKL	
MO-FIL	2020/21-2	Wet	1/29/2021 8:48:00 AM	2/6/2021 5:36:00 PM	Magnesium	Total	=	16.8	mg/L	EPA 200.7	0.012	0.1	WKL	
MO-FIL	2020/21-2	Wet	1/29/2021 8:48:00 AM	2/4/2021 12:02:00 PM	Alkalinity as CaCO3	n/a	=	110	mg/L	SM 2320 B	0.56	5	WKL	
MO-FIL	2020/21-2	Wet	1/29/2021 8:48:00 AM	2/4/2021 5:23:00 PM	BOD	n/a	=	4.5	mg/L	SM 5210 B	2	2	WKL	
MO-FIL	2020/21-2	Wet	1/29/2021 8:48:00 AM	2/9/2021 9:59:00 AM	COD	n/a	=	33	mg/L	EPA 410.4	2.9	5	WKL	
MO-FIL	2020/21-2	Wet	1/29/2021 8:48:00 AM	2/6/2021 5:36:00 PM	Hardness as CaCO3	Total	=	228	mg/L	EPA 200.7	0.0894	0.662	WKL	
MO-FIL	2020/21-2	Wet	1/29/2021 8:48:00 AM	1/30/2021 5:52:00 PM	MBAS	n/a	=	0.11	mg/L	SM 5540 C	0.017	0.05	WKL	
MO-FIL	2020/21-2	Wet	1/29/2021 8:48:00 AM	2/5/2021 1:15:00 PM	Phenolics	n/a	<	0.0032	mg/L	EPA 420.4	0.0032	0.01	WKL	
MO-FIL	2020/21-2	Wet	1/29/2021 8:48:00 AM	2/3/2021 1:36:00 PM	Specific Conductance	n/a	=	610	µmhos/cm	SM 2510 B	0.23	2	WKL	
MO-FIL	2020/21-2	Wet	1/29/2021 8:48:00 AM	2/5/2021 8:00:00 AM	Total Dissolved Solids	n/a	=	380	mg/L	SM 2540 C	4	10	WKL	
MO-FIL	2020/21-2	Wet	1/29/2021 8:48:00 AM	2/5/2021 12:35:00 PM	Total Organic Carbon	n/a	=	7.4	mg/L	SM 5310 B	0.096	0.3	WKL	
MO-FIL	2020/21-2	Wet	1/29/2021 8:48:00 AM	2/5/2021 8:00:00 AM	Total Suspended Solids	n/a	=	48	mg/L	SM 2540 D	-88	5	WKL	
MO-FIL	2020/21-2	Wet	1/29/2021 8:48:00 AM	1/29/2021 7:53:00 PM	Turbidity	n/a	=	14	NTU	EPA 180.1	0.017	0.1	WKL	
MO-FIL	2020/21-2	Wet	1/29/2021 8:48:00 AM	2/5/2021 8:00:00 AM	Volatile Suspended Solids	n/a	=	13	mg/L	EPA 160.4	3.1	5	WKL	
MO-FIL	2020/21-2	Wet	1/29/2021 8:48:00 AM	2/11/2021 11:04:00 PM	Diesel Range Organics	n/a	=	0.14	mg/L	EPA 8015B	0.032	0.1	WKL	
MO-FIL	2020/21-2	Wet	1/29/2021 8:48:00 AM	2/11/2021 11:04:00 PM	Oil Range Organics	n/a	<	0.33	mg/L	EPA 8015B	0.33	0.5	WKL	
MO-FIL	2020/21-2	Wet	1/29/2021 8:48:00 AM	2/9/2021 5:35:00 PM	Aluminum	Dissolved	DNQ	14	µg/L	EPA 200.8	4.4	20	WKL	
MO-FIL	2020/21-2	Wet	1/29/2021 8:48:00 AM	2/9/2021 5:38:00 PM	Aluminum	Total	=	850	µg/L	EPA 200.8	4.4	20	WKL	LB-MSR
MO-FIL	2020/21-2	Wet	1/29/2021 8:48:00 AM	2/9/2021 5:35:00 PM	Antimony	Dissolved	DNQ	0.3	µg/L	EPA 200.8	0.089	0.5	WKL	
MO-FIL	2020/21-2	Wet	1/29/2021 8:48:00 AM	2/9/2021 5:38:00 PM	Antimony	Total	=	0.5	µg/L	EPA 200.8	0.089	0.5	WKL	
MO-FIL	2020/21-2	Wet	1/29/2021 8:48:00 AM	2/9/2021 5:35:00 PM	Arsenic	Dissolved	=	0.54	µg/L	EPA 200.8	0.074	0.4	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-FIL	2020/21-2	Wet	1/29/2021 8:48:00 AM	2/9/2021 5:38:00 PM	Arsenic	Total	=	0.89	µg/L	EPA 200.8	0.074	0.4	WKL	
MO-FIL	2020/21-2	Wet	1/29/2021 8:48:00 AM	2/9/2021 5:38:00 PM	Barium	Total	=	30	µg/L	EPA 200.8	0.14	1	WKL	
MO-FIL	2020/21-2	Wet	1/29/2021 8:48:00 AM	2/9/2021 5:35:00 PM	Beryllium	Dissolved	<	0.062	µg/L	EPA 200.8	0.062	0.1	WKL	
MO-FIL	2020/21-2	Wet	1/29/2021 8:48:00 AM	2/9/2021 5:38:00 PM	Beryllium	Total	<	0.062	µg/L	EPA 200.8	0.062	0.1	WKL	
MO-FIL	2020/21-2	Wet	1/29/2021 8:48:00 AM	2/9/2021 5:35:00 PM	Cadmium	Dissolved	DNQ	0.097	µg/L	EPA 200.8	0.042	0.2	WKL	
MO-FIL	2020/21-2	Wet	1/29/2021 8:48:00 AM	2/9/2021 5:38:00 PM	Cadmium	Total	=	0.38	µg/L	EPA 200.8	0.042	0.2	WKL	
MO-FIL	2020/21-2	Wet	1/29/2021 8:48:00 AM	2/9/2021 5:35:00 PM	Chromium	Dissolved	=	1.4	µg/L	EPA 200.8	0.089	0.2	WKL	
MO-FIL	2020/21-2	Wet	1/29/2021 8:48:00 AM	2/9/2021 5:38:00 PM	Chromium	Total	=	3.5	µg/L	EPA 200.8	0.089	0.2	WKL	
MO-FIL	2020/21-2	Wet	1/29/2021 8:48:00 AM	2/3/2021 2:43:00 PM	Chromium VI	n/a	=	1.4	µg/L	EPA 218.6	0.0079	0.02	WKL	
MO-FIL	2020/21-2	Wet	1/29/2021 8:48:00 AM	2/9/2021 5:35:00 PM	Copper	Dissolved	=	3.6	µg/L	EPA 200.8	0.23	0.5	WKL	
MO-FIL	2020/21-2	Wet	1/29/2021 8:48:00 AM	2/9/2021 5:38:00 PM	Copper	Total	=	8.9	µg/L	EPA 200.8	0.23	0.5	WKL	
MO-FIL	2020/21-2	Wet	1/29/2021 8:48:00 AM	2/9/2021 5:35:00 PM	Iron	Dissolved	DNQ	18	µg/L	EPA 200.8	3.9	20	WKL	
MO-FIL	2020/21-2	Wet	1/29/2021 8:48:00 AM	2/9/2021 5:38:00 PM	Iron	Total	=	1200	µg/L	EPA 200.8	3.9	20	WKL	
MO-FIL	2020/21-2	Wet	1/29/2021 8:48:00 AM	2/9/2021 5:35:00 PM	Lead	Dissolved	<	0.083	µg/L	EPA 200.8	0.083	0.2	WKL	
MO-FIL	2020/21-2	Wet	1/29/2021 8:48:00 AM	2/9/2021 5:38:00 PM	Lead	Total	=	1.7	µg/L	EPA 200.8	0.083	0.2	WKL	
MO-FIL	2020/21-2	Wet	1/29/2021 8:48:00 AM	2/8/2021 1:49:00 PM	Mercury	Dissolved	<	17	ng/L	EPA 245.1	17	50	WKL	
MO-FIL	2020/21-2	Wet	1/29/2021 8:48:00 AM	2/8/2021 1:51:00 PM	Mercury	Total	<	17	ng/L	EPA 245.1	17	50	WKL	
MO-FIL	2020/21-2	Wet	1/29/2021 8:48:00 AM	2/9/2021 5:35:00 PM	Nickel	Dissolved	DNQ	1	µg/L	EPA 200.8	0.16	2	WKL	
MO-FIL	2020/21-2	Wet	1/29/2021 8:48:00 AM	2/9/2021 5:38:00 PM	Nickel	Total	=	3.2	µg/L	EPA 200.8	0.16	2	WKL	
MO-FIL	2020/21-2	Wet	1/29/2021 8:48:00 AM	2/9/2021 5:35:00 PM	Selenium	Dissolved	=	2.4	µg/L	EPA 200.8	0.067	0.4	WKL	
MO-FIL	2020/21-2	Wet	1/29/2021 8:48:00 AM	2/9/2021 5:38:00 PM	Selenium	Total	=	2.5	µg/L	EPA 200.8	0.067	0.4	WKL	
MO-FIL	2020/21-2	Wet	1/29/2021 8:48:00 AM	2/9/2021 5:35:00 PM	Silver	Dissolved	<	0.03	µg/L	EPA 200.8	0.03	0.2	WKL	
MO-FIL	2020/21-2	Wet	1/29/2021 8:48:00 AM	2/9/2021 5:38:00 PM	Silver	Total	DNQ	0.032	µg/L	EPA 200.8	0.03	0.2	WKL	
MO-FIL	2020/21-2	Wet	1/29/2021 8:48:00 AM	2/9/2021 5:35:00 PM	Thallium	Dissolved	<	0.021	µg/L	EPA 200.8	0.021	0.2	WKL	
MO-FIL	2020/21-2	Wet	1/29/2021 8:48:00 AM	2/9/2021 5:38:00 PM	Thallium	Total	DNQ	0.029	µg/L	EPA 200.8	0.021	0.2	WKL	
MO-FIL	2020/21-2	Wet	1/29/2021 8:48:00 AM	2/9/2021 5:35:00 PM	Zinc	Dissolved	=	20	µg/L	EPA 200.8	0.8	10	WKL	
MO-FIL	2020/21-2	Wet	1/29/2021 8:48:00 AM	2/9/2021 5:38:00 PM	Zinc	Total	=	57	µg/L	EPA 200.8	0.8	10	WKL	
MO-FIL	2020/21-2	Wet	1/29/2021 8:48:00 AM	2/12/2021 1:23:00 PM	Ammonia as N	n/a	=	0.16	mg/L	EPA 350.1	0.047	0.1	WKL	
MO-FIL	2020/21-2	Wet	1/29/2021 8:48:00 AM	1/30/2021 3:31:00 PM	Nitrate + Nitrite as N	n/a	=	1.8	mg/L	EPA 353.2	0.036	0.2	WKL	
MO-FIL	2020/21-2	Wet	1/29/2021 8:48:00 AM	2/6/2021 5:33:00 PM	Phosphorus as P	Dissolved	=	0.16	mg/L	EPA 200.7	0.012	0.02	WKL	
MO-FIL	2020/21-2	Wet	1/29/2021 8:48:00 AM	2/6/2021 5:36:00 PM	Phosphorus as P	Total	=	0.27	mg/L	EPA 200.7	0.012	0.02	WKL	
MO-FIL	2020/21-2	Wet	1/29/2021 8:48:00 AM	2/4/2021 4:57:00 PM	TKN	n/a	=	0.6	mg/L	EPA 351.2	0.065	0.1	WKL	
MO-FIL	2020/21-2	Wet	1/29/2021 8:48:00 AM	2/10/2021 4:29:00 PM	1,2,4-Trichlorobenzene	n/a	<	0.98	µg/L	EPA 625.1	0.98	2	WKL	
MO-FIL	2020/21-2	Wet	1/29/2021 8:48:00 AM	2/10/2021 4:29:00 PM	1,2-Dichlorobenzene	n/a	<	0.92	µg/L	EPA 625.1	0.92	2	WKL	
MO-FIL	2020/21-2	Wet	1/29/2021 8:48:00 AM	2/10/2021 4:29:00 PM	1,2-Diphenylhydrazine	n/a	<	0.6	µg/L	EPA 625.1	0.6	2	WKL	
MO-FIL	2020/21-2	Wet	1/29/2021 8:48:00 AM	2/10/2021 4:29:00 PM	1,3-Dichlorobenzene	n/a	<	0.84	µg/L	EPA 625.1	0.84	2	WKL	
MO-FIL	2020/21-2	Wet	1/29/2021 8:48:00 AM	2/10/2021 4:29:00 PM	1,4-Dichlorobenzene	n/a	<	0.96	µg/L	EPA 625.1	0.96	2	WKL	
MO-FIL	2020/21-2	Wet	1/29/2021 8:48:00 AM	2/27/2021 2:38:00 PM	1-Methylnaphthalene	n/a	<	0.048	µg/L	EPA 8270C	0.048	0.2	WKL	
MO-FIL	2020/21-2	Wet	1/29/2021 8:48:00 AM	3/5/2021 5:28:00 AM	2,4,5-Trichlorophenol	n/a	<	0.58	µg/L	EPA 8270C	0.58	2	WKL	
MO-FIL	2020/21-2	Wet	1/29/2021 8:48:00 AM	3/5/2021 5:28:00 AM	2,4,6-Trichlorophenol	n/a	<	0.6	µg/L	EPA 8270C	0.6	2	WKL	
MO-FIL	2020/21-2	Wet	1/29/2021 8:48:00 AM	2/10/2021 4:29:00 PM	2,4,6-Trichlorophenol	n/a	<	0.44	µg/L	EPA 625.1	0.44	2	WKL	
MO-FIL	2020/21-2	Wet	1/29/2021 8:48:00 AM	3/5/2021 5:28:00 AM	2,4-Dichlorophenol	n/a	<	1	µg/L	EPA 8270C	1	2	WKL	
MO-FIL	2020/21-2	Wet	1/29/2021 8:48:00 AM	2/10/2021 4:29:00 PM	2,4-Dichlorophenol	n/a	<	0.52	µg/L	EPA 625.1	0.52	2	WKL	
MO-FIL	2020/21-2	Wet	1/29/2021 8:48:00 AM	2/10/2021 4:29:00 PM	2,4-Dimethylphenol	n/a	<	0.6	µg/L	EPA 625.1	0.6	2	WKL	
MO-FIL	2020/21-2	Wet	1/29/2021 8:48:00 AM	3/5/2021 5:28:00 AM	2,4-Dimethylphenol	n/a	<	2	µg/L	EPA 8270C	2	4	WKL	
MO-FIL	2020/21-2	Wet	1/29/2021 8:48:00 AM	2/10/2021 4:29:00 PM	2,4-Dinitrophenol	n/a	<	3.7	µg/L	EPA 625.1	3.7	20	WKL	
MO-FIL	2020/21-2	Wet	1/29/2021 8:48:00 AM	3/5/2021 5:28:00 AM	2,4-Dinitrophenol	n/a	<	2	µg/L	EPA 8270C	2	4	WKL	
MO-FIL	2020/21-2	Wet	1/29/2021 8:48:00 AM	2/10/2021 4:29:00 PM	2,4-Dinitrotoluene	n/a	<	0.36	µg/L	EPA 625.1	0.36	2	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-FIL	2020/21-2	Wet	1/29/2021 8:48:00 AM	2/10/2021 4:29:00 PM	2,6-Dinitrotoluene	n/a	<	0.54	µg/L	EPA 625.1	0.54	2	WKL	
MO-FIL	2020/21-2	Wet	1/29/2021 8:48:00 AM	2/10/2021 4:29:00 PM	2-Chloronaphthalene	n/a	<	0.9	µg/L	EPA 625.1	0.9	2	WKL	
MO-FIL	2020/21-2	Wet	1/29/2021 8:48:00 AM	3/5/2021 5:28:00 AM	2-Chlorophenol	n/a	<	1.3	µg/L	EPA 8270C	1.3	2	WKL	
MO-FIL	2020/21-2	Wet	1/29/2021 8:48:00 AM	2/10/2021 4:29:00 PM	2-Chlorophenol	n/a	<	0.56	µg/L	EPA 625.1	0.56	2	WKL	
MO-FIL	2020/21-2	Wet	1/29/2021 8:48:00 AM	2/27/2021 2:38:00 PM	2-Methylnaphthalene	n/a	<	0.052	µg/L	EPA 8270C	0.052	0.2	WKL	
MO-FIL	2020/21-2	Wet	1/29/2021 8:48:00 AM	3/5/2021 5:28:00 AM	2-Methylphenol	n/a	<	0.68	µg/L	EPA 8270C	0.68	2	WKL	
MO-FIL	2020/21-2	Wet	1/29/2021 8:48:00 AM	3/5/2021 5:28:00 AM	2-Nitrophenol	n/a	<	1.4	µg/L	EPA 8270C	1.4	2	WKL	
MO-FIL	2020/21-2	Wet	1/29/2021 8:48:00 AM	2/10/2021 4:29:00 PM	2-Nitrophenol	n/a	<	0.52	µg/L	EPA 625.1	0.52	2	WKL	
MO-FIL	2020/21-2	Wet	1/29/2021 8:48:00 AM	2/10/2021 4:29:00 PM	3,3'-Dichlorobenzidine	n/a	<	2	µg/L	EPA 625.1	2	10	WKL	
MO-FIL	2020/21-2	Wet	1/29/2021 8:48:00 AM	3/5/2021 5:28:00 AM	3-/4-Methylphenol	n/a	<	0.6	µg/L	EPA 8270C	0.6	2	WKL	
MO-FIL	2020/21-2	Wet	1/29/2021 8:48:00 AM	3/5/2021 5:28:00 AM	4,6-Dinitro-2-methylphenol	n/a	<	0.28	µg/L	EPA 8270C	0.28	2	WKL	
MO-FIL	2020/21-2	Wet	1/29/2021 8:48:00 AM	2/10/2021 4:29:00 PM	4,6-Dinitro-2-methylphenol	n/a	<	2.8	µg/L	EPA 625.1	2.8	10	WKL	
MO-FIL	2020/21-2	Wet	1/29/2021 8:48:00 AM	2/10/2021 4:29:00 PM	4-Bromophenyl phenyl ether	n/a	<	0.72	µg/L	EPA 625.1	0.72	2	WKL	
MO-FIL	2020/21-2	Wet	1/29/2021 8:48:00 AM	2/10/2021 4:29:00 PM	4-Chloro-3-methylphenol	n/a	<	0.46	µg/L	EPA 625.1	0.46	2	WKL	
MO-FIL	2020/21-2	Wet	1/29/2021 8:48:00 AM	3/5/2021 5:28:00 AM	4-Chloro-3-methylphenol	n/a	<	0.74	µg/L	EPA 8270C	0.74	2	WKL	
MO-FIL	2020/21-2	Wet	1/29/2021 8:48:00 AM	2/10/2021 4:29:00 PM	4-Chlorophenyl phenyl ether	n/a	<	0.82	µg/L	EPA 625.1	0.82	2	WKL	
MO-FIL	2020/21-2	Wet	1/29/2021 8:48:00 AM	3/5/2021 5:28:00 AM	4-Nitrophenol	n/a	<	2	µg/L	EPA 8270C	2	4	WKL	
MO-FIL	2020/21-2	Wet	1/29/2021 8:48:00 AM	2/10/2021 4:29:00 PM	4-Nitrophenol	n/a	<	2.5	µg/L	EPA 625.1	2.5	10	WKL	
MO-FIL	2020/21-2	Wet	1/29/2021 8:48:00 AM	2/10/2021 4:29:00 PM	Acenaphthene	n/a	<	0.76	µg/L	EPA 625.1	0.76	2	WKL	
MO-FIL	2020/21-2	Wet	1/29/2021 8:48:00 AM	2/27/2021 2:38:00 PM	Acenaphthene	n/a	<	0.056	µg/L	EPA 8270C	0.056	0.2	WKL	
MO-FIL	2020/21-2	Wet	1/29/2021 8:48:00 AM	2/27/2021 2:38:00 PM	Acenaphthylene	n/a	<	0.066	µg/L	EPA 8270C	0.066	0.2	WKL	
MO-FIL	2020/21-2	Wet	1/29/2021 8:48:00 AM	2/10/2021 4:29:00 PM	Acenaphthylene	n/a	<	0.34	µg/L	EPA 625.1	0.34	2	WKL	
MO-FIL	2020/21-2	Wet	1/29/2021 8:48:00 AM	2/10/2021 4:29:00 PM	Anthracene	n/a	<	0.24	µg/L	EPA 625.1	0.24	2	WKL	
MO-FIL	2020/21-2	Wet	1/29/2021 8:48:00 AM	2/27/2021 2:38:00 PM	Anthracene	n/a	<	0.05	µg/L	EPA 8270C	0.05	0.2	WKL	
MO-FIL	2020/21-2	Wet	1/29/2021 8:48:00 AM	2/10/2021 4:29:00 PM	Benz(a)anthracene	n/a	<	0.38	µg/L	EPA 625.1	0.38	2	WKL	
MO-FIL	2020/21-2	Wet	1/29/2021 8:48:00 AM	2/27/2021 2:38:00 PM	Benz(a)anthracene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.2	WKL	
MO-FIL	2020/21-2	Wet	1/29/2021 8:48:00 AM	2/10/2021 4:29:00 PM	Benzidine	n/a	<	2.9	µg/L	EPA 625.1	2.9	20	WKL	
MO-FIL	2020/21-2	Wet	1/29/2021 8:48:00 AM	2/12/2021 8:40:00 AM	Benzo(a)pyrene	n/a	<	0.1	µg/L	EPA 525.2	0.1	0.5	WKL	
MO-FIL	2020/21-2	Wet	1/29/2021 8:48:00 AM	2/10/2021 4:29:00 PM	Benzo(a)pyrene	n/a	<	0.78	µg/L	EPA 625.1	0.78	2	WKL	
MO-FIL	2020/21-2	Wet	1/29/2021 8:48:00 AM	2/27/2021 2:38:00 PM	Benzo(a)pyrene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.2	WKL	
MO-FIL	2020/21-2	Wet	1/29/2021 8:48:00 AM	2/10/2021 4:29:00 PM	Benzo(b)fluoranthene	n/a	<	0.92	µg/L	EPA 625.1	0.92	2	WKL	
MO-FIL	2020/21-2	Wet	1/29/2021 8:48:00 AM	2/27/2021 2:38:00 PM	Benzo(b)fluoranthene	n/a	<	0.054	µg/L	EPA 8270C	0.054	0.2	WKL	
MO-FIL	2020/21-2	Wet	1/29/2021 8:48:00 AM	2/27/2021 2:38:00 PM	Benzo(g,h,i)perylene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.2	WKL	
MO-FIL	2020/21-2	Wet	1/29/2021 8:48:00 AM	2/10/2021 4:29:00 PM	Benzo(g,h,i)perylene	n/a	<	0.84	µg/L	EPA 625.1	0.84	4	WKL	
MO-FIL	2020/21-2	Wet	1/29/2021 8:48:00 AM	2/10/2021 4:29:00 PM	Benzo(k)fluoranthene	n/a	<	0.44	µg/L	EPA 625.1	0.44	2	WKL	
MO-FIL	2020/21-2	Wet	1/29/2021 8:48:00 AM	2/27/2021 2:38:00 PM	Benzo(k)fluoranthene	n/a	<	0.052	µg/L	EPA 8270C	0.052	0.2	WKL	
MO-FIL	2020/21-2	Wet	1/29/2021 8:48:00 AM	2/10/2021 4:29:00 PM	Bis(2-chloroethoxy)methane	n/a	<	0.5	µg/L	EPA 625.1	0.5	2	WKL	
MO-FIL	2020/21-2	Wet	1/29/2021 8:48:00 AM	2/10/2021 4:29:00 PM	Bis(2-chloroethyl)ether	n/a	<	0.54	µg/L	EPA 625.1	0.54	2	WKL	
MO-FIL	2020/21-2	Wet	1/29/2021 8:48:00 AM	2/10/2021 4:29:00 PM	Bis(2-chloroisopropyl)ether	n/a	<	0.76	µg/L	EPA 625.1	0.76	2	WKL	
MO-FIL	2020/21-2	Wet	1/29/2021 8:48:00 AM	2/12/2021 8:40:00 AM	Bis(2-ethylhexyl)adipate	n/a	<	0.6	µg/L	EPA 525.2	0.6	25	WKL	
MO-FIL	2020/21-2	Wet	1/29/2021 8:48:00 AM	2/10/2021 4:29:00 PM	Bis(2-ethylhexyl)phthalate	n/a	<	4.6	µg/L	EPA 625.1	4.6	10	WKL	
MO-FIL	2020/21-2	Wet	1/29/2021 8:48:00 AM	2/12/2021 8:40:00 AM	Bis(2-ethylhexyl)phthalate	n/a	<	2	µg/L	EPA 525.2	2	15	WKL	
MO-FIL	2020/21-2	Wet	1/29/2021 8:48:00 AM	2/10/2021 4:29:00 PM	Butyl benzyl phthalate	n/a	<	0.36	µg/L	EPA 625.1	0.36	2	WKL	
MO-FIL	2020/21-2	Wet	1/29/2021 8:48:00 AM	2/27/2021 2:38:00 PM	Chrysene	n/a	<	0.064	µg/L	EPA 8270C	0.064	0.2	WKL	
MO-FIL	2020/21-2	Wet	1/29/2021 8:48:00 AM	2/10/2021 4:29:00 PM	Chrysene	n/a	<	0.38	µg/L	EPA 625.1	0.38	2	WKL	
MO-FIL	2020/21-2	Wet	1/29/2021 8:48:00 AM	2/10/2021 4:29:00 PM	Dibenz(a,h)anthracene	n/a	<	1.1	µg/L	EPA 625.1	1.1	4	WKL	
MO-FIL	2020/21-2	Wet	1/29/2021 8:48:00 AM	2/27/2021 2:38:00 PM	Dibenz(a,h)anthracene	n/a	<	0.19	µg/L	EPA 8270C	0.19	0.2	WKL	
MO-FIL	2020/21-2	Wet	1/29/2021 8:48:00 AM	2/10/2021 4:29:00 PM	Diethyl phthalate	n/a	<	0.3	µg/L	EPA 625.1	0.3	2	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-FIL	2020/21-2	Wet	1/29/2021 8:48:00 AM	2/10/2021 4:29:00 PM	Dimethyl phthalate	n/a	<	0.36	µg/L	EPA 625.1	0.36	2	WKL	
MO-FIL	2020/21-2	Wet	1/29/2021 8:48:00 AM	2/10/2021 4:29:00 PM	Di-n-butylphthalate	n/a	<	0.2	µg/L	EPA 625.1	0.2	2	WKL	
MO-FIL	2020/21-2	Wet	1/29/2021 8:48:00 AM	2/10/2021 4:29:00 PM	Di-n-octylphthalate	n/a	<	0.92	µg/L	EPA 625.1	0.92	2	WKL	
MO-FIL	2020/21-2	Wet	1/29/2021 8:48:00 AM	2/10/2021 4:29:00 PM	Fluoranthene	n/a	<	0.16	µg/L	EPA 625.1	0.16	2	WKL	
MO-FIL	2020/21-2	Wet	1/29/2021 8:48:00 AM	2/27/2021 2:38:00 PM	Fluoranthene	n/a	<	0.078	µg/L	EPA 8270C	0.078	0.2	WKL	
MO-FIL	2020/21-2	Wet	1/29/2021 8:48:00 AM	2/10/2021 4:29:00 PM	Fluorene	n/a	<	0.7	µg/L	EPA 625.1	0.7	2	WKL	
MO-FIL	2020/21-2	Wet	1/29/2021 8:48:00 AM	2/27/2021 2:38:00 PM	Fluorene	n/a	<	0.058	µg/L	EPA 8270C	0.058	0.2	WKL	
MO-FIL	2020/21-2	Wet	1/29/2021 8:48:00 AM	2/10/2021 4:29:00 PM	Hexachlorobenzene	n/a	<	0.98	µg/L	EPA 625.1	0.98	2	WKL	
MO-FIL	2020/21-2	Wet	1/29/2021 8:48:00 AM	2/10/2021 4:29:00 PM	Hexachlorobutadiene	n/a	<	0.94	µg/L	EPA 625.1	0.94	2	WKL	
MO-FIL	2020/21-2	Wet	1/29/2021 8:48:00 AM	2/10/2021 4:29:00 PM	Hexachlorocyclopentadiene	n/a	<	2	µg/L	EPA 625.1	2	10	WKL	
MO-FIL	2020/21-2	Wet	1/29/2021 8:48:00 AM	2/10/2021 4:29:00 PM	Hexachloroethane	n/a	<	1	µg/L	EPA 625.1	1	2	WKL	
MO-FIL	2020/21-2	Wet	1/29/2021 8:48:00 AM	2/27/2021 2:38:00 PM	Indeno(1,2,3-cd)pyrene	n/a	<	0.13	µg/L	EPA 8270C	0.13	0.2	WKL	
MO-FIL	2020/21-2	Wet	1/29/2021 8:48:00 AM	2/10/2021 4:29:00 PM	Indeno(1,2,3-cd)pyrene	n/a	<	1.1	µg/L	EPA 625.1	1.1	4	WKL	
MO-FIL	2020/21-2	Wet	1/29/2021 8:48:00 AM	2/10/2021 4:29:00 PM	Isophorone	n/a	<	0.42	µg/L	EPA 625.1	0.42	2	WKL	
MO-FIL	2020/21-2	Wet	1/29/2021 8:48:00 AM	2/10/2021 4:29:00 PM	Naphthalene	n/a	<	0.98	µg/L	EPA 625.1	0.98	2	WKL	
MO-FIL	2020/21-2	Wet	1/29/2021 8:48:00 AM	2/27/2021 2:38:00 PM	Naphthalene	n/a	<	0.052	µg/L	EPA 8270C	0.052	0.2	WKL	
MO-FIL	2020/21-2	Wet	1/29/2021 8:48:00 AM	2/10/2021 4:29:00 PM	Nitrobenzene	n/a	<	0.72	µg/L	EPA 625.1	0.72	2	WKL	
MO-FIL	2020/21-2	Wet	1/29/2021 8:48:00 AM	2/10/2021 4:29:00 PM	N-Nitrosodimethylamine	n/a	<	1	µg/L	EPA 625.1	1	2	WKL	
MO-FIL	2020/21-2	Wet	1/29/2021 8:48:00 AM	2/10/2021 4:29:00 PM	N-Nitrosodi-N-propylamine	n/a	<	0.52	µg/L	EPA 625.1	0.52	2	WKL	
MO-FIL	2020/21-2	Wet	1/29/2021 8:48:00 AM	2/10/2021 4:29:00 PM	N-Nitrosodiphenylamine	n/a	<	0.38	µg/L	EPA 625.1	0.38	2	WKL	
MO-FIL	2020/21-2	Wet	1/29/2021 8:48:00 AM	2/10/2021 4:29:00 PM	Phenanthrene	n/a	<	0.64	µg/L	EPA 625.1	0.64	2	WKL	
MO-FIL	2020/21-2	Wet	1/29/2021 8:48:00 AM	2/27/2021 2:38:00 PM	Phenanthrene	n/a	<	0.058	µg/L	EPA 8270C	0.058	0.2	WKL	
MO-FIL	2020/21-2	Wet	1/29/2021 8:48:00 AM	3/5/2021 5:28:00 AM	Phenol	n/a	<	0.7	µg/L	EPA 8270C	0.7	2	WKL	
MO-FIL	2020/21-2	Wet	1/29/2021 8:48:00 AM	2/10/2021 4:29:00 PM	Phenol	n/a	<	0.32	µg/L	EPA 625.1	0.32	2	WKL	
MO-FIL	2020/21-2	Wet	1/29/2021 8:48:00 AM	2/10/2021 4:29:00 PM	Pyrene	n/a	<	0.5	µg/L	EPA 625.1	0.5	2	WKL	
MO-FIL	2020/21-2	Wet	1/29/2021 8:48:00 AM	2/27/2021 2:38:00 PM	Pyrene	n/a	<	0.08	µg/L	EPA 8270C	0.08	0.2	WKL	
MO-FIL	2020/21-2	Wet	1/29/2021 8:48:00 AM	2/16/2021 10:44:00 PM	PCB Aroclor 1016	n/a	<	2.5	µg/L	EPA 608.3	2.5	2.5	WKL	
MO-FIL	2020/21-2	Wet	1/29/2021 8:48:00 AM	2/16/2021 10:44:00 PM	PCB Aroclor 1221	n/a	<	2.5	µg/L	EPA 608.3	2.5	2.5	WKL	
MO-FIL	2020/21-2	Wet	1/29/2021 8:48:00 AM	2/16/2021 10:44:00 PM	PCB Aroclor 1232	n/a	<	2.5	µg/L	EPA 608.3	2.5	2.5	WKL	
MO-FIL	2020/21-2	Wet	1/29/2021 8:48:00 AM	2/16/2021 10:44:00 PM	PCB Aroclor 1242	n/a	<	2.5	µg/L	EPA 608.3	2.5	2.5	WKL	
MO-FIL	2020/21-2	Wet	1/29/2021 8:48:00 AM	2/16/2021 10:44:00 PM	PCB Aroclor 1248	n/a	<	2.5	µg/L	EPA 608.3	2.5	2.5	WKL	
MO-FIL	2020/21-2	Wet	1/29/2021 8:48:00 AM	2/16/2021 10:44:00 PM	PCB Aroclor 1254	n/a	<	2.5	µg/L	EPA 608.3	2.5	2.5	WKL	
MO-FIL	2020/21-2	Wet	1/29/2021 8:48:00 AM	2/16/2021 10:44:00 PM	PCB Aroclor 1260	n/a	<	2.5	µg/L	EPA 608.3	2.5	2.5	WKL	
MO-FIL	2020/21-2	Wet	1/29/2021 8:48:00 AM	2/13/2021 4:52:00 AM	2,4,5-T	n/a	<	0.55	µg/L	EPA 515.4	0.55	2	WKL	
MO-FIL	2020/21-2	Wet	1/29/2021 8:48:00 AM	2/13/2021 4:52:00 AM	2,4,5-TP	n/a	<	0.46	µg/L	EPA 515.4	0.46	2	WKL	
MO-FIL	2020/21-2	Wet	1/29/2021 8:48:00 AM	2/13/2021 4:52:00 AM	2,4-D	n/a	<	1.4	µg/L	EPA 515.4	1.4	4	WKL	
MO-FIL	2020/21-2	Wet	1/29/2021 8:48:00 AM	2/13/2021 4:52:00 AM	2,4-DB	n/a	<	1.9	µg/L	EPA 515.4	1.9	20	WKL	
MO-FIL	2020/21-2	Wet	1/29/2021 8:48:00 AM	2/13/2021 4:52:00 AM	3,5-Dichlorobenzoic acid	n/a	<	1.2	µg/L	EPA 515.4	1.2	10	WKL	
MO-FIL	2020/21-2	Wet	1/29/2021 8:48:00 AM	2/16/2021 10:44:00 PM	4,4'-DDD	n/a	<	0.0035	µg/L	EPA 608.3	0.0035	0.25	WKL	
MO-FIL	2020/21-2	Wet	1/29/2021 8:48:00 AM	2/16/2021 10:44:00 PM	4,4'-DDE	n/a	<	0.0035	µg/L	EPA 608.3	0.0035	0.25	WKL	
MO-FIL	2020/21-2	Wet	1/29/2021 8:48:00 AM	2/16/2021 10:44:00 PM	4,4'-DDT	n/a	<	0.075	µg/L	EPA 608.3	0.075	0.075	WKL	
MO-FIL	2020/21-2	Wet	1/29/2021 8:48:00 AM	2/13/2021 4:52:00 AM	Acifluorfen	n/a	<	0.72	µg/L	EPA 515.4	0.72	4	WKL	
MO-FIL	2020/21-2	Wet	1/29/2021 8:48:00 AM	2/12/2021 8:40:00 AM	Alachlor	n/a	<	0.15	µg/L	EPA 525.2	0.15	0.5	WKL	
MO-FIL	2020/21-2	Wet	1/29/2021 8:48:00 AM	2/16/2021 10:44:00 PM	Aldrin	n/a	<	0.005	µg/L	EPA 608.3	0.005	0.025	WKL	
MO-FIL	2020/21-2	Wet	1/29/2021 8:48:00 AM	2/16/2021 10:44:00 PM	alpha-BHC	n/a	<	0.0055	µg/L	EPA 608.3	0.0055	0.05	WKL	
MO-FIL	2020/21-2	Wet	1/29/2021 8:48:00 AM	2/16/2021 10:44:00 PM	alpha-Chlordane	n/a	<	0.014	µg/L	EPA 608.3	0.014	0.05	WKL	
MO-FIL	2020/21-2	Wet	1/29/2021 8:48:00 AM	2/12/2021 8:40:00 AM	Atrazine	n/a	<	0.15	µg/L	EPA 525.2	0.15	0.5	WKL	
MO-FIL	2020/21-2	Wet	1/29/2021 8:48:00 AM	2/3/2021 8:51:00 PM	Azinphos methyl	n/a	<	0.028	µg/L	EPA 625.1m	0.028	0.05	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-FIL	2020/21-2	Wet	1/29/2021 8:48:00 AM	2/13/2021 4:52:00 AM	Bentazon	n/a	<	2.3	µg/L	EPA 515.4	2.3	20	WKL	
MO-FIL	2020/21-2	Wet	1/29/2021 8:48:00 AM	2/16/2021 10:44:00 PM	beta-BHC	n/a	<	0.025	µg/L	EPA 608.3	0.025	0.025	WKL	
MO-FIL	2020/21-2	Wet	1/29/2021 8:48:00 AM	2/3/2021 8:51:00 PM	Bolstar	n/a	<	0.023	µg/L	EPA 625.1m	0.023	0.05	WKL	
MO-FIL	2020/21-2	Wet	1/29/2021 8:48:00 AM	2/12/2021 8:40:00 AM	Bromacil	n/a	<	0.8	µg/L	EPA 525.2	0.8	2.5	WKL	
MO-FIL	2020/21-2	Wet	1/29/2021 8:48:00 AM	2/12/2021 8:40:00 AM	Butachlor	n/a	<	0.15	µg/L	EPA 525.2	0.15	0.5	WKL	
MO-FIL	2020/21-2	Wet	1/29/2021 8:48:00 AM	2/12/2021 8:40:00 AM	Captan	n/a	<	0.8	µg/L	EPA 525.2	0.8	5	WKL	
MO-FIL	2020/21-2	Wet	1/29/2021 8:48:00 AM	2/16/2021 10:44:00 PM	Chlordane (technical)	n/a	<	0.5	µg/L	EPA 608.3	0.5	0.5	WKL	
MO-FIL	2020/21-2	Wet	1/29/2021 8:48:00 AM	2/12/2021 8:40:00 AM	Chlorpropham	n/a	<	0.2	µg/L	EPA 525.2	0.2	0.5	WKL	
MO-FIL	2020/21-2	Wet	1/29/2021 8:48:00 AM	2/3/2021 8:51:00 PM	Chlorpyrifos	n/a	<	0.034	µg/L	EPA 625.1m	0.034	0.05	WKL	
MO-FIL	2020/21-2	Wet	1/29/2021 8:48:00 AM	2/3/2021 8:51:00 PM	Coumaphos	n/a	<	0.026	µg/L	EPA 625.1m	0.026	0.05	WKL	
MO-FIL	2020/21-2	Wet	1/29/2021 8:48:00 AM	2/12/2021 8:40:00 AM	Cyanazine	n/a	<	0.2	µg/L	EPA 525.2	0.2	0.5	WKL	
MO-FIL	2020/21-2	Wet	1/29/2021 8:48:00 AM	2/13/2021 4:52:00 AM	Dalapon	n/a	<	1.1	µg/L	EPA 515.4	1.1	4	WKL	
MO-FIL	2020/21-2	Wet	1/29/2021 8:48:00 AM	2/13/2021 4:52:00 AM	DCPA (Daacthal)	n/a	<	0.53	µg/L	EPA 515.4	0.53	1	WKL	
MO-FIL	2020/21-2	Wet	1/29/2021 8:48:00 AM	2/16/2021 10:44:00 PM	delta-BHC	n/a	<	0.0095	µg/L	EPA 608.3	0.0095	0.025	WKL	
MO-FIL	2020/21-2	Wet	1/29/2021 8:48:00 AM	2/3/2021 8:51:00 PM	Demeton-O	n/a	<	0.05	µg/L	EPA 625.1m	0.05	0.05	WKL	
MO-FIL	2020/21-2	Wet	1/29/2021 8:48:00 AM	2/3/2021 8:51:00 PM	Demeton-S	n/a	<	0.05	µg/L	EPA 625.1m	0.05	0.05	WKL	
MO-FIL	2020/21-2	Wet	1/29/2021 8:48:00 AM	2/12/2021 8:40:00 AM	Diazinon	n/a	<	0.25	µg/L	EPA 525.2	0.25	0.5	WKL	
MO-FIL	2020/21-2	Wet	1/29/2021 8:48:00 AM	2/3/2021 8:51:00 PM	Diazinon	n/a	<	0.026	µg/L	EPA 625.1m	0.026	0.05	WKL	
MO-FIL	2020/21-2	Wet	1/29/2021 8:48:00 AM	2/13/2021 4:52:00 AM	Dicamba	n/a	<	0.75	µg/L	EPA 515.4	0.75	6	WKL	
MO-FIL	2020/21-2	Wet	1/29/2021 8:48:00 AM	2/13/2021 4:52:00 AM	Dichlorprop	n/a	<	1.2	µg/L	EPA 515.4	1.2	3	WKL	
MO-FIL	2020/21-2	Wet	1/29/2021 8:48:00 AM	2/3/2021 8:51:00 PM	Dichlorvos	n/a	<	0.014	µg/L	EPA 625.1m	0.014	0.05	WKL	
MO-FIL	2020/21-2	Wet	1/29/2021 8:48:00 AM	2/16/2021 10:44:00 PM	Dieldrin	n/a	<	0.004	µg/L	EPA 608.3	0.004	0.05	WKL	
MO-FIL	2020/21-2	Wet	1/29/2021 8:48:00 AM	2/12/2021 8:40:00 AM	Dimethoate	n/a	<	0.1	µg/L	EPA 525.2	0.1	1	WKL	
MO-FIL	2020/21-2	Wet	1/29/2021 8:48:00 AM	2/3/2021 8:51:00 PM	Dimethoate	n/a	<	0.031	µg/L	EPA 625.1m	0.031	0.05	WKL	
MO-FIL	2020/21-2	Wet	1/29/2021 8:48:00 AM	2/13/2021 4:52:00 AM	Dinoseb	n/a	<	0.55	µg/L	EPA 515.4	0.55	4	WKL	
MO-FIL	2020/21-2	Wet	1/29/2021 8:48:00 AM	2/12/2021 8:40:00 AM	Diphenamid	n/a	<	0.15	µg/L	EPA 525.2	0.15	0.5	WKL	
MO-FIL	2020/21-2	Wet	1/29/2021 8:48:00 AM	2/12/2021 8:40:00 AM	Disulfoton	n/a	<	0.2	µg/L	EPA 525.2	0.2	0.5	WKL	
MO-FIL	2020/21-2	Wet	1/29/2021 8:48:00 AM	2/3/2021 8:51:00 PM	Disulfoton	n/a	<	0.05	µg/L	EPA 625.1m	0.05	0.05	WKL	
MO-FIL	2020/21-2	Wet	1/29/2021 8:48:00 AM	2/16/2021 10:44:00 PM	Endosulfan I	n/a	<	0.0045	µg/L	EPA 608.3	0.0045	0.1	WKL	
MO-FIL	2020/21-2	Wet	1/29/2021 8:48:00 AM	2/16/2021 10:44:00 PM	Endosulfan II	n/a	<	0.0035	µg/L	EPA 608.3	0.0035	0.05	WKL	
MO-FIL	2020/21-2	Wet	1/29/2021 8:48:00 AM	2/16/2021 10:44:00 PM	Endosulfan sulfate	n/a	<	0.0065	µg/L	EPA 608.3	0.0065	0.25	WKL	
MO-FIL	2020/21-2	Wet	1/29/2021 8:48:00 AM	2/16/2021 10:44:00 PM	Endrin	n/a	<	0.0085	µg/L	EPA 608.3	0.0085	0.05	WKL	
MO-FIL	2020/21-2	Wet	1/29/2021 8:48:00 AM	2/16/2021 10:44:00 PM	Endrin aldehyde	n/a	<	0.05	µg/L	EPA 608.3	0.05	0.05	WKL	
MO-FIL	2020/21-2	Wet	1/29/2021 8:48:00 AM	2/12/2021 8:40:00 AM	EPTC	n/a	<	0.1	µg/L	EPA 525.2	0.1	0.5	WKL	
MO-FIL	2020/21-2	Wet	1/29/2021 8:48:00 AM	2/3/2021 8:51:00 PM	Ethoprop	n/a	<	0.034	µg/L	EPA 625.1m	0.034	0.05	WKL	
MO-FIL	2020/21-2	Wet	1/29/2021 8:48:00 AM	2/3/2021 8:51:00 PM	Ethyl parathion	n/a	<	0.027	µg/L	EPA 625.1m	0.027	0.05	WKL	
MO-FIL	2020/21-2	Wet	1/29/2021 8:48:00 AM	2/3/2021 8:51:00 PM	Fensulfothion	n/a	<	0.014	µg/L	EPA 625.1m	0.014	0.05	WKL	
MO-FIL	2020/21-2	Wet	1/29/2021 8:48:00 AM	2/3/2021 8:51:00 PM	Fenthion	n/a	<	0.019	µg/L	EPA 625.1m	0.019	0.05	WKL	
MO-FIL	2020/21-2	Wet	1/29/2021 8:48:00 AM	2/16/2021 10:44:00 PM	gamma-BHC (Lindane)	n/a	<	0.002	µg/L	EPA 608.3	0.002	0.1	WKL	
MO-FIL	2020/21-2	Wet	1/29/2021 8:48:00 AM	2/16/2021 10:44:00 PM	gamma-Chlordane	n/a	<	0.05	µg/L	EPA 608.3	0.05	0.05	WKL	
MO-FIL	2020/21-2	Wet	1/29/2021 8:48:00 AM	2/3/2021 5:14:00 PM	Glyphosate	n/a	=	8.8	µg/L	EPA 547	1.8	5	WKL	
MO-FIL	2020/21-2	Wet	1/29/2021 8:48:00 AM	2/16/2021 10:44:00 PM	Heptachlor	n/a	<	0.003	µg/L	EPA 608.3	0.003	0.05	WKL	
MO-FIL	2020/21-2	Wet	1/29/2021 8:48:00 AM	2/16/2021 10:44:00 PM	Heptachlor epoxide	n/a	<	0.002	µg/L	EPA 608.3	0.002	0.05	WKL	
MO-FIL	2020/21-2	Wet	1/29/2021 8:48:00 AM	2/3/2021 8:51:00 PM	Malathion	n/a	<	0.038	µg/L	EPA 625.1m	0.038	0.05	WKL	
MO-FIL	2020/21-2	Wet	1/29/2021 8:48:00 AM	2/3/2021 8:51:00 PM	Merphos	n/a	<	0.029	µg/L	EPA 625.1m	0.029	0.05	WKL	
MO-FIL	2020/21-2	Wet	1/29/2021 8:48:00 AM	2/16/2021 10:44:00 PM	Methoxychlor	n/a	<	0.007	µg/L	EPA 608.3	0.007	0.1	WKL	
MO-FIL	2020/21-2	Wet	1/29/2021 8:48:00 AM	2/3/2021 8:51:00 PM	Methyl parathion	n/a	<	0.032	µg/L	EPA 625.1m	0.032	0.05	WKL	
MO-FIL	2020/21-2	Wet	1/29/2021 8:48:00 AM	2/12/2021 8:40:00 AM	Metolachlor	n/a	<	0.15	µg/L	EPA 525.2	0.15	0.5	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-FIL	2020/21-2	Wet	1/29/2021 8:48:00 AM	2/12/2021 8:40:00 AM	Metribuzin	n/a	<	0.15	µg/L	EPA 525.2	0.15	0.5	WKL	
MO-FIL	2020/21-2	Wet	1/29/2021 8:48:00 AM	2/3/2021 8:51:00 PM	Mevinphos	n/a	<	0.021	µg/L	EPA 625.1m	0.021	0.05	WKL	
MO-FIL	2020/21-2	Wet	1/29/2021 8:48:00 AM	2/12/2021 8:40:00 AM	Molinate	n/a	<	0.15	µg/L	EPA 525.2	0.15	0.5	WKL	
MO-FIL	2020/21-2	Wet	1/29/2021 8:48:00 AM	2/3/2021 8:51:00 PM	Naled	n/a	<	0.038	µg/L	EPA 625.1m	0.038	0.05	WKL	
MO-FIL	2020/21-2	Wet	1/29/2021 8:48:00 AM	2/13/2021 4:52:00 AM	Pentachlorophenol	n/a	<	0.46	µg/L	EPA 515.4	0.46	2	WKL	
MO-FIL	2020/21-2	Wet	1/29/2021 8:48:00 AM	2/10/2021 4:29:00 PM	Pentachlorophenol	n/a	DNQ	1.4	µg/L	EPA 625.1	0.8	2	WKL	
MO-FIL	2020/21-2	Wet	1/29/2021 8:48:00 AM	3/5/2021 5:28:00 AM	Pentachlorophenol	n/a	DNQ	0.35	µg/L	EPA 8270C	0.3	2	WKL	
MO-FIL	2020/21-2	Wet	1/29/2021 8:48:00 AM	2/3/2021 8:51:00 PM	Phorate	n/a	<	0.015	µg/L	EPA 625.1m	0.015	0.05	WKL	
MO-FIL	2020/21-2	Wet	1/29/2021 8:48:00 AM	2/13/2021 4:52:00 AM	Picloram	n/a	<	0.38	µg/L	EPA 515.4	0.38	6	WKL	
MO-FIL	2020/21-2	Wet	1/29/2021 8:48:00 AM	2/12/2021 8:40:00 AM	Prometon	n/a	<	0.05	µg/L	EPA 525.2	0.05	0.5	WKL	
MO-FIL	2020/21-2	Wet	1/29/2021 8:48:00 AM	2/12/2021 8:40:00 AM	Prometryn	n/a	<	0.15	µg/L	EPA 525.2	0.15	0.5	WKL	
MO-FIL	2020/21-2	Wet	1/29/2021 8:48:00 AM	2/3/2021 8:51:00 PM	Ronnel (Fenchlorphos)	n/a	<	0.02	µg/L	EPA 625.1m	0.02	0.05	WKL	
MO-FIL	2020/21-2	Wet	1/29/2021 8:48:00 AM	2/12/2021 8:40:00 AM	Simazine	n/a	<	0.1	µg/L	EPA 525.2	0.1	0.5	WKL	
MO-FIL	2020/21-2	Wet	1/29/2021 8:48:00 AM	2/3/2021 8:51:00 PM	Stirophos (Tetrachlorvinphos)	n/a	<	0.016	µg/L	EPA 625.1m	0.016	0.05	WKL	
MO-FIL	2020/21-2	Wet	1/29/2021 8:48:00 AM	2/12/2021 8:40:00 AM	Terbacil	n/a	<	0.45	µg/L	EPA 525.2	0.45	10	WKL	
MO-FIL	2020/21-2	Wet	1/29/2021 8:48:00 AM	2/12/2021 8:40:00 AM	Thiobencarb	n/a	<	0.15	µg/L	EPA 525.2	0.15	0.5	WKL	
MO-FIL	2020/21-2	Wet	1/29/2021 8:48:00 AM	2/3/2021 8:51:00 PM	Tokuthion	n/a	<	0.039	µg/L	EPA 625.1m	0.039	0.05	WKL	
MO-FIL	2020/21-2	Wet	1/29/2021 8:48:00 AM	2/16/2021 10:44:00 PM	Toxaphene	n/a	<	5	µg/L	EPA 608.3	5	5	WKL	
MO-FIL	2020/21-2	Wet	1/29/2021 8:48:00 AM	2/3/2021 8:51:00 PM	Trichloronate	n/a	<	0.034	µg/L	EPA 625.1m	0.034	0.05	WKL	
MO-FIL	2020/21-2	Wet	1/29/2021 8:48:00 AM	2/12/2021 8:40:00 AM	Trithion	n/a	<	0.1	µg/L	EPA 525.2	0.1	0.5	WKL	
MO-FIL	2020/21-3	Wet	3/10/2021 2:15:00 AM	3/10/2021 2:15:00 AM	Conductivity	n/a	=	155.5	µmhos/cm	Field Meter	-88	1	Field Crew	
MO-FIL	2020/21-3	Wet	3/10/2021 2:15:00 AM	3/10/2021 4:38:00 PM	Cyanide	Total	=	0.0038	mg/L	ASTM D7511	0.0003	0.002	WKL	
MO-FIL	2020/21-3	Wet	3/10/2021 2:15:00 AM	3/10/2021 2:15:00 AM	DO	n/a	=	9.5	mg/L	Field Meter	-88	0.3	Field Crew	
MO-FIL	2020/21-3	Wet	3/10/2021 2:15:00 AM	3/10/2021 2:15:00 AM	DO	n/a	=	92.4	%	Field Meter	-88	0.1	Field Crew	
MO-FIL	2020/21-3	Wet	3/10/2021 2:15:00 AM	3/10/2021 2:15:00 AM	pH	n/a	=	7.61	pH Units	Field Meter	-88	0.01	Field Crew	
MO-FIL	2020/21-3	Wet	3/10/2021 2:15:00 AM	3/10/2021 2:15:00 AM	Salinity	n/a	=	100	mg/L	Field Meter	-88	100	Field Crew	
MO-FIL	2020/21-3	Wet	3/10/2021 2:15:00 AM	3/10/2021 2:15:00 AM	Specific Conductance	n/a	=	200.9	µmhos/cm	Field Meter	-88	1	Field Crew	
MO-FIL	2020/21-3	Wet	3/10/2021 2:15:00 AM	3/10/2021 2:15:00 AM	Temperature	n/a	=	13.1	°C	Field Meter	-88	0.1	Field Crew	
MO-FIL	2020/21-3	Wet	3/10/2021 2:15:00 AM	3/24/2021 5:28:00 PM	Oil and Grease	n/a	<	0.7	mg/L	EPA 1664B	0.7	5	WKL	
MO-FIL	2020/21-3	Wet	3/10/2021 9:05:00 AM	3/13/2021 7:12:00 PM	Chloride	n/a	=	11	mg/L	EPA 300.0	0.17	1	WKL	
MO-FIL	2020/21-3	Wet	3/10/2021 9:05:00 AM	3/13/2021 1:09:00 AM	Fluoride	n/a	DNQ	0.12	mg/L	EPA 300.0	0.018	0.2	WKL	
MO-FIL	2020/21-3	Wet	3/10/2021 9:05:00 AM	3/20/2021 2:35:00 AM	Perchlorate	n/a	DNQ	3	µg/L	EPA 314.0	1.7	4	WKL	
MO-FIL	2020/21-3	Wet	3/10/2021 9:05:00 AM	3/19/2021 7:12:00 PM	Calcium	Total	=	24.2	mg/L	EPA 200.7	0.16	0.5	WKL	
MO-FIL	2020/21-3	Wet	3/10/2021 9:05:00 AM	3/19/2021 7:12:00 PM	Magnesium	Total	=	4.51	mg/L	EPA 200.7	0.039	0.5	WKL	
MO-FIL	2020/21-3	Wet	3/10/2021 9:05:00 AM	3/11/2021 1:06:00 PM	Alkalinity as CaCO3	n/a	=	42	mg/L	SM 2320 B	0.56	5	WKL	
MO-FIL	2020/21-3	Wet	3/10/2021 9:05:00 AM	3/16/2021 4:50:00 PM	BOD	n/a	=	18	mg/L	SM 5210 B	2	2	WKL	
MO-FIL	2020/21-3	Wet	3/10/2021 9:05:00 AM	3/18/2021 11:58:00 AM	COD	n/a	=	80	mg/L	EPA 410.4	2.9	5	WKL	
MO-FIL	2020/21-3	Wet	3/10/2021 9:05:00 AM	3/19/2021 7:12:00 PM	Hardness as CaCO3	Total	=	79.1	mg/L	EPA 200.7	0.56	3.31	WKL	
MO-FIL	2020/21-3	Wet	3/10/2021 9:05:00 AM	3/11/2021 8:36:00 PM	MBAS	n/a	=	0.29	mg/L	SM 5540 C	0.017	0.05	WKL	
MO-FIL	2020/21-3	Wet	3/10/2021 9:05:00 AM	3/23/2021 1:45:00 PM	Phenolics	n/a	=	0.13	mg/L	EPA 420.4	0.0032	0.01	WKL	
MO-FIL	2020/21-3	Wet	3/10/2021 9:05:00 AM	3/15/2021 1:50:00 PM	Specific Conductance	n/a	=	240	µmhos/cm	SM 2510 B	0.23	2	WKL	
MO-FIL	2020/21-3	Wet	3/10/2021 9:05:00 AM	3/15/2021 6:00:00 PM	Total Dissolved Solids	n/a	=	180	mg/L	SM 2540 C	4	10	WKL	
MO-FIL	2020/21-3	Wet	3/10/2021 9:05:00 AM	4/5/2021	Total Organic Carbon	n/a	=	23	mg/L	SM 5310 B	1	1	WKL	
MO-FIL	2020/21-3	Wet	3/10/2021 9:05:00 AM	3/12/2021 4:29:00 PM	Total Suspended Solids	n/a	=	82	mg/L	SM 2540 D	-88	5	WKL	
MO-FIL	2020/21-3	Wet	3/10/2021 9:05:00 AM	3/11/2021 5:10:00 PM	Turbidity	n/a	=	16	NTU	EPA 180.1	0.017	0.1	WKL	
MO-FIL	2020/21-3	Wet	3/10/2021 9:05:00 AM	3/12/2021 4:29:00 PM	Volatile Suspended Solids	n/a	=	36	mg/L	EPA 160.4	3.1	5	WKL	
MO-FIL	2020/21-3	Wet	3/10/2021 9:05:00 AM	3/26/2021 12:43:00 AM	Diesel Range Organics	n/a	=	0.76	mg/L	EPA 8015B	0.032	0.1	WKL	
MO-FIL	2020/21-3	Wet	3/10/2021 9:05:00 AM	3/26/2021 12:43:00 AM	Oil Range Organics	n/a	=	0.74	mg/L	EPA 8015B	0.33	0.5	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-FIL	2020/21-3	Wet	3/10/2021 9:05:00 AM	3/17/2021 4:49:00 PM	Aluminum	Dissolved	=	24	µg/L	EPA 200.8	4.4	20	WKL	
MO-FIL	2020/21-3	Wet	3/10/2021 9:05:00 AM	3/17/2021 4:52:00 PM	Aluminum	Total	=	1400	µg/L	EPA 200.8	4.4	20	WKL	
MO-FIL	2020/21-3	Wet	3/10/2021 9:05:00 AM	3/17/2021 4:49:00 PM	Antimony	Dissolved	=	0.57	µg/L	EPA 200.8	0.089	0.5	WKL	
MO-FIL	2020/21-3	Wet	3/10/2021 9:05:00 AM	3/17/2021 4:52:00 PM	Antimony	Total	=	0.89	µg/L	EPA 200.8	0.089	0.5	WKL	
MO-FIL	2020/21-3	Wet	3/10/2021 9:05:00 AM	3/17/2021 4:49:00 PM	Arsenic	Dissolved	=	0.82	µg/L	EPA 200.8	0.074	0.4	WKL	
MO-FIL	2020/21-3	Wet	3/10/2021 9:05:00 AM	3/17/2021 4:52:00 PM	Arsenic	Total	=	1.3	µg/L	EPA 200.8	0.074	0.4	WKL	
MO-FIL	2020/21-3	Wet	3/10/2021 9:05:00 AM	3/17/2021 4:52:00 PM	Barium	Total	=	36	µg/L	EPA 200.8	0.14	1	WKL	
MO-FIL	2020/21-3	Wet	3/10/2021 9:05:00 AM	3/17/2021 4:49:00 PM	Beryllium	Dissolved	<	0.062	µg/L	EPA 200.8	0.062	0.1	WKL	
MO-FIL	2020/21-3	Wet	3/10/2021 9:05:00 AM	3/17/2021 4:52:00 PM	Beryllium	Total	<	0.062	µg/L	EPA 200.8	0.062	0.1	WKL	
MO-FIL	2020/21-3	Wet	3/10/2021 9:05:00 AM	3/17/2021 4:49:00 PM	Cadmium	Dissolved	DNQ	0.11	µg/L	EPA 200.8	0.042	0.2	WKL	
MO-FIL	2020/21-3	Wet	3/10/2021 9:05:00 AM	3/17/2021 4:52:00 PM	Cadmium	Total	=	0.35	µg/L	EPA 200.8	0.042	0.2	WKL	
MO-FIL	2020/21-3	Wet	3/10/2021 9:05:00 AM	3/17/2021 4:49:00 PM	Chromium	Dissolved	=	1.8	µg/L	EPA 200.8	0.089	0.2	WKL	
MO-FIL	2020/21-3	Wet	3/10/2021 9:05:00 AM	3/17/2021 4:52:00 PM	Chromium	Total	=	5	µg/L	EPA 200.8	0.089	0.2	WKL	
MO-FIL	2020/21-3	Wet	3/10/2021 9:05:00 AM	3/22/2021 3:13:00 PM	Chromium VI	n/a	=	1.3	µg/L	EPA 218.6	0.0079	0.02	WKL	
MO-FIL	2020/21-3	Wet	3/10/2021 9:05:00 AM	3/17/2021 4:49:00 PM	Copper	Dissolved	=	12	µg/L	EPA 200.8	0.23	0.5	WKL	
MO-FIL	2020/21-3	Wet	3/10/2021 9:05:00 AM	3/17/2021 4:52:00 PM	Copper	Total	=	20	µg/L	EPA 200.8	0.23	0.5	WKL	
MO-FIL	2020/21-3	Wet	3/10/2021 9:05:00 AM	3/17/2021 4:49:00 PM	Iron	Dissolved	=	46	µg/L	EPA 200.8	3.9	20	WKL	
MO-FIL	2020/21-3	Wet	3/10/2021 9:05:00 AM	3/17/2021 4:49:00 PM	Iron	Total	=	1900	µg/L	EPA 200.8	3.9	20	WKL	
MO-FIL	2020/21-3	Wet	3/10/2021 9:05:00 AM	3/17/2021 4:49:00 PM	Lead	Dissolved	DNQ	0.17	µg/L	EPA 200.8	0.083	0.2	WKL	
MO-FIL	2020/21-3	Wet	3/10/2021 9:05:00 AM	3/17/2021 4:52:00 PM	Lead	Total	=	2.9	µg/L	EPA 200.8	0.083	0.2	WKL	
MO-FIL	2020/21-3	Wet	3/10/2021 9:05:00 AM	3/18/2021 3:11:00 PM	Mercury	Dissolved	<	17	ng/L	EPA 245.1	17	50	WKL	
MO-FIL	2020/21-3	Wet	3/10/2021 9:05:00 AM	3/18/2021 3:12:00 PM	Mercury	Total	<	17	ng/L	EPA 245.1	17	50	WKL	
MO-FIL	2020/21-3	Wet	3/10/2021 9:05:00 AM	3/17/2021 4:49:00 PM	Nickel	Dissolved	=	3.1	µg/L	EPA 200.8	0.16	2	WKL	
MO-FIL	2020/21-3	Wet	3/10/2021 9:05:00 AM	3/17/2021 4:52:00 PM	Nickel	Total	=	6.1	µg/L	EPA 200.8	0.16	2	WKL	
MO-FIL	2020/21-3	Wet	3/10/2021 9:05:00 AM	3/17/2021 4:49:00 PM	Selenium	Dissolved	=	0.75	µg/L	EPA 200.8	0.067	0.4	WKL	
MO-FIL	2020/21-3	Wet	3/10/2021 9:05:00 AM	3/17/2021 4:52:00 PM	Selenium	Total	=	0.9	µg/L	EPA 200.8	0.067	0.4	WKL	
MO-FIL	2020/21-3	Wet	3/10/2021 9:05:00 AM	3/17/2021 4:49:00 PM	Silver	Dissolved	<	0.03	µg/L	EPA 200.8	0.03	0.2	WKL	
MO-FIL	2020/21-3	Wet	3/10/2021 9:05:00 AM	3/17/2021 4:52:00 PM	Silver	Total	DNQ	0.04	µg/L	EPA 200.8	0.03	0.2	WKL	
MO-FIL	2020/21-3	Wet	3/10/2021 9:05:00 AM	3/17/2021 4:49:00 PM	Thallium	Dissolved	<	0.021	µg/L	EPA 200.8	0.021	0.2	WKL	
MO-FIL	2020/21-3	Wet	3/10/2021 9:05:00 AM	3/17/2021 4:52:00 PM	Thallium	Total	DNQ	0.03	µg/L	EPA 200.8	0.021	0.2	WKL	
MO-FIL	2020/21-3	Wet	3/10/2021 9:05:00 AM	3/17/2021 4:49:00 PM	Zinc	Dissolved	=	47	µg/L	EPA 200.8	0.8	10	WKL	
MO-FIL	2020/21-3	Wet	3/10/2021 9:05:00 AM	3/17/2021 4:52:00 PM	Zinc	Total	=	110	µg/L	EPA 200.8	0.8	10	WKL	
MO-FIL	2020/21-3	Wet	3/10/2021 9:05:00 AM	3/18/2021 3:52:00 PM	Ammonia as N	n/a	=	1.2	mg/L	EPA 350.1	0.047	0.1	WKL	
MO-FIL	2020/21-3	Wet	3/10/2021 9:05:00 AM	3/11/2021 7:14:00 PM	Nitrate + Nitrite as N	n/a	=	1.1	mg/L	EPA 353.2	0.036	0.2	WKL	
MO-FIL	2020/21-3	Wet	3/10/2021 9:05:00 AM	3/19/2021 7:09:00 PM	Phosphorus as P	Dissolved	=	0.28	mg/L	EPA 200.7	0.012	0.02	WKL	
MO-FIL	2020/21-3	Wet	3/10/2021 9:05:00 AM	3/19/2021 7:12:00 PM	Phosphorus as P	Total	=	0.48	mg/L	EPA 200.7	0.018	0.05	WKL	
MO-FIL	2020/21-3	Wet	3/10/2021 9:05:00 AM	3/19/2021 4:04:00 PM	TKN	n/a	=	2.2	mg/L	EPA 351.2	0.065	0.1	WKL	
MO-FIL	2020/21-3	Wet	3/10/2021 9:05:00 AM	4/2/2021 3:21:00 AM	1,2,4-Trichlorobenzene	n/a	<	4.9	µg/L	EPA 625.1	4.9	10	WKL	
MO-FIL	2020/21-3	Wet	3/10/2021 9:05:00 AM	4/2/2021 3:21:00 AM	1,2-Dichlorobenzene	n/a	<	4.6	µg/L	EPA 625.1	4.6	10	WKL	
MO-FIL	2020/21-3	Wet	3/10/2021 9:05:00 AM	4/2/2021 3:21:00 AM	1,2-Diphenylhydrazine	n/a	<	3	µg/L	EPA 625.1	3	10	WKL	
MO-FIL	2020/21-3	Wet	3/10/2021 9:05:00 AM	4/2/2021 3:21:00 AM	1,3-Dichlorobenzene	n/a	<	4.2	µg/L	EPA 625.1	4.2	10	WKL	
MO-FIL	2020/21-3	Wet	3/10/2021 9:05:00 AM	4/2/2021 3:21:00 AM	1,4-Dichlorobenzene	n/a	<	4.8	µg/L	EPA 625.1	4.8	10	WKL	
MO-FIL	2020/21-3	Wet	3/10/2021 9:05:00 AM	3/27/2021 5:53:00 AM	1-Methylnaphthalene	n/a	<	0.24	µg/L	EPA 8270C	0.24	1	WKL	
MO-FIL	2020/21-3	Wet	3/10/2021 9:05:00 AM	3/26/2021 4:19:00 AM	2,4,5-Trichlorophenol	n/a	<	2.9	µg/L	EPA 8270C	2.9	10	WKL	
MO-FIL	2020/21-3	Wet	3/10/2021 9:05:00 AM	4/2/2021 3:21:00 AM	2,4,6-Trichlorophenol	n/a	<	2.2	µg/L	EPA 625.1	2.2	10	WKL	
MO-FIL	2020/21-3	Wet	3/10/2021 9:05:00 AM	3/26/2021 4:19:00 AM	2,4,6-Trichlorophenol	n/a	<	3	µg/L	EPA 8270C	3	10	WKL	
MO-FIL	2020/21-3	Wet	3/10/2021 9:05:00 AM	4/2/2021 3:21:00 AM	2,4-Dichlorophenol	n/a	<	2.6	µg/L	EPA 625.1	2.6	10	WKL	
MO-FIL	2020/21-3	Wet	3/10/2021 9:05:00 AM	3/26/2021 4:19:00 AM	2,4-Dichlorophenol	n/a	<	5.1	µg/L	EPA 8270C	5.1	10	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-FIL	2020/21-3	Wet	3/10/2021 9:05:00 AM	4/2/2021 3:21:00 AM	2,4-Dimethylphenol	n/a	<	3	µg/L	EPA 625.1	3	10	WKL	
MO-FIL	2020/21-3	Wet	3/10/2021 9:05:00 AM	3/26/2021 4:19:00 AM	2,4-Dimethylphenol	n/a	<	10	µg/L	EPA 8270C	10	20	WKL	
MO-FIL	2020/21-3	Wet	3/10/2021 9:05:00 AM	4/2/2021 3:21:00 AM	2,4-Dinitrophenol	n/a	<	19	µg/L	EPA 625.1	19	100	WKL	
MO-FIL	2020/21-3	Wet	3/10/2021 9:05:00 AM	3/26/2021 4:19:00 AM	2,4-Dinitrophenol	n/a	<	10	µg/L	EPA 8270C	10	20	WKL	
MO-FIL	2020/21-3	Wet	3/10/2021 9:05:00 AM	4/2/2021 3:21:00 AM	2,4-Dinitrotoluene	n/a	<	1.8	µg/L	EPA 625.1	1.8	10	WKL	
MO-FIL	2020/21-3	Wet	3/10/2021 9:05:00 AM	4/2/2021 3:21:00 AM	2,6-Dinitrotoluene	n/a	<	2.7	µg/L	EPA 625.1	2.7	10	WKL	
MO-FIL	2020/21-3	Wet	3/10/2021 9:05:00 AM	4/2/2021 3:21:00 AM	2-Chloronaphthalene	n/a	<	4.5	µg/L	EPA 625.1	4.5	10	WKL	
MO-FIL	2020/21-3	Wet	3/10/2021 9:05:00 AM	4/2/2021 3:21:00 AM	2-Chlorophenol	n/a	<	2.8	µg/L	EPA 625.1	2.8	10	WKL	
MO-FIL	2020/21-3	Wet	3/10/2021 9:05:00 AM	3/26/2021 4:19:00 AM	2-Chlorophenol	n/a	<	6.5	µg/L	EPA 8270C	6.5	10	WKL	
MO-FIL	2020/21-3	Wet	3/10/2021 9:05:00 AM	3/27/2021 5:53:00 AM	2-Methylnaphthalene	n/a	<	0.26	µg/L	EPA 8270C	0.26	1	WKL	
MO-FIL	2020/21-3	Wet	3/10/2021 9:05:00 AM	3/26/2021 4:19:00 AM	2-Methylphenol	n/a	<	3.4	µg/L	EPA 8270C	3.4	10	WKL	
MO-FIL	2020/21-3	Wet	3/10/2021 9:05:00 AM	4/2/2021 3:21:00 AM	2-Nitrophenol	n/a	<	2.6	µg/L	EPA 625.1	2.6	10	WKL	
MO-FIL	2020/21-3	Wet	3/10/2021 9:05:00 AM	3/26/2021 4:19:00 AM	2-Nitrophenol	n/a	<	7.1	µg/L	EPA 8270C	7.1	10	WKL	
MO-FIL	2020/21-3	Wet	3/10/2021 9:05:00 AM	4/2/2021 3:21:00 AM	3,3'-Dichlorobenzidine	n/a	<	9.9	µg/L	EPA 625.1	9.9	50	WKL	
MO-FIL	2020/21-3	Wet	3/10/2021 9:05:00 AM	3/26/2021 4:19:00 AM	3-/4-Methylphenol	n/a	<	3	µg/L	EPA 8270C	3	10	WKL	
MO-FIL	2020/21-3	Wet	3/10/2021 9:05:00 AM	3/26/2021 4:19:00 AM	4,6-Dinitro-2-methylphenol	n/a	<	1.4	µg/L	EPA 8270C	1.4	10	WKL	
MO-FIL	2020/21-3	Wet	3/10/2021 9:05:00 AM	4/2/2021 3:21:00 AM	4,6-Dinitro-2-methylphenol	n/a	<	14	µg/L	EPA 625.1	14	50	WKL	
MO-FIL	2020/21-3	Wet	3/10/2021 9:05:00 AM	4/2/2021 3:21:00 AM	4-Bromophenyl phenyl ether	n/a	<	3.6	µg/L	EPA 625.1	3.6	10	WKL	
MO-FIL	2020/21-3	Wet	3/10/2021 9:05:00 AM	4/2/2021 3:21:00 AM	4-Chloro-3-methylphenol	n/a	<	2.3	µg/L	EPA 625.1	2.3	10	WKL	
MO-FIL	2020/21-3	Wet	3/10/2021 9:05:00 AM	3/26/2021 4:19:00 AM	4-Chloro-3-methylphenol	n/a	<	3.7	µg/L	EPA 8270C	3.7	10	WKL	
MO-FIL	2020/21-3	Wet	3/10/2021 9:05:00 AM	4/2/2021 3:21:00 AM	4-Chlorophenyl phenyl ether	n/a	<	4.1	µg/L	EPA 625.1	4.1	10	WKL	
MO-FIL	2020/21-3	Wet	3/10/2021 9:05:00 AM	3/26/2021 4:19:00 AM	4-Nitrophenol	n/a	<	10	µg/L	EPA 8270C	10	20	WKL	
MO-FIL	2020/21-3	Wet	3/10/2021 9:05:00 AM	4/2/2021 3:21:00 AM	4-Nitrophenol	n/a	<	12	µg/L	EPA 625.1	12	50	WKL	
MO-FIL	2020/21-3	Wet	3/10/2021 9:05:00 AM	4/2/2021 3:21:00 AM	Acenaphthene	n/a	<	3.8	µg/L	EPA 625.1	3.8	10	WKL	
MO-FIL	2020/21-3	Wet	3/10/2021 9:05:00 AM	3/27/2021 5:53:00 AM	Acenaphthene	n/a	<	0.28	µg/L	EPA 8270C	0.28	1	WKL	
MO-FIL	2020/21-3	Wet	3/10/2021 9:05:00 AM	4/2/2021 3:21:00 AM	Acenaphthylene	n/a	<	1.7	µg/L	EPA 625.1	1.7	10	WKL	
MO-FIL	2020/21-3	Wet	3/10/2021 9:05:00 AM	3/27/2021 5:53:00 AM	Acenaphthylene	n/a	<	0.33	µg/L	EPA 8270C	0.33	1	WKL	
MO-FIL	2020/21-3	Wet	3/10/2021 9:05:00 AM	4/2/2021 3:21:00 AM	Anthracene	n/a	<	1.2	µg/L	EPA 625.1	1.2	10	WKL	
MO-FIL	2020/21-3	Wet	3/10/2021 9:05:00 AM	3/27/2021 5:53:00 AM	Anthracene	n/a	<	0.25	µg/L	EPA 8270C	0.25	1	WKL	
MO-FIL	2020/21-3	Wet	3/10/2021 9:05:00 AM	4/2/2021 3:21:00 AM	Benz(a)anthracene	n/a	<	1.9	µg/L	EPA 625.1	1.9	10	WKL	
MO-FIL	2020/21-3	Wet	3/10/2021 9:05:00 AM	3/27/2021 5:53:00 AM	Benz(a)anthracene	n/a	<	0.51	µg/L	EPA 8270C	0.51	1	WKL	
MO-FIL	2020/21-3	Wet	3/10/2021 9:05:00 AM	4/2/2021 3:21:00 AM	Benzdine	n/a	<	14	µg/L	EPA 625.1	14	100	WKL	
MO-FIL	2020/21-3	Wet	3/10/2021 9:05:00 AM	3/17/2021 6:49:00 AM	Benzo(a)pyrene	n/a	<	0.08	µg/L	EPA 525.2	0.08	0.4	WKL	
MO-FIL	2020/21-3	Wet	3/10/2021 9:05:00 AM	3/27/2021 5:53:00 AM	Benzo(a)pyrene	n/a	<	0.51	µg/L	EPA 8270C	0.51	1	WKL	
MO-FIL	2020/21-3	Wet	3/10/2021 9:05:00 AM	4/2/2021 3:21:00 AM	Benzo(a)pyrene	n/a	<	3.9	µg/L	EPA 625.1	3.9	10	WKL	
MO-FIL	2020/21-3	Wet	3/10/2021 9:05:00 AM	4/2/2021 3:21:00 AM	Benzo(b)fluoranthene	n/a	<	4.6	µg/L	EPA 625.1	4.6	10	WKL	
MO-FIL	2020/21-3	Wet	3/10/2021 9:05:00 AM	3/27/2021 5:53:00 AM	Benzo(b)fluoranthene	n/a	<	0.27	µg/L	EPA 8270C	0.27	1	WKL	
MO-FIL	2020/21-3	Wet	3/10/2021 9:05:00 AM	3/27/2021 5:53:00 AM	Benzo(g,h,i)perylene	n/a	<	0.5	µg/L	EPA 8270C	0.5	1	WKL	
MO-FIL	2020/21-3	Wet	3/10/2021 9:05:00 AM	4/2/2021 3:21:00 AM	Benzo(g,h,i)perylene	n/a	<	4.2	µg/L	EPA 625.1	4.2	20	WKL	
MO-FIL	2020/21-3	Wet	3/10/2021 9:05:00 AM	4/2/2021 3:21:00 AM	Benzo(k)fluoranthene	n/a	<	2.2	µg/L	EPA 625.1	2.2	10	WKL	
MO-FIL	2020/21-3	Wet	3/10/2021 9:05:00 AM	3/27/2021 5:53:00 AM	Benzo(k)fluoranthene	n/a	<	0.26	µg/L	EPA 8270C	0.26	1	WKL	
MO-FIL	2020/21-3	Wet	3/10/2021 9:05:00 AM	4/2/2021 3:21:00 AM	Bis(2-chloroethoxy)methane	n/a	<	2.5	µg/L	EPA 625.1	2.5	10	WKL	
MO-FIL	2020/21-3	Wet	3/10/2021 9:05:00 AM	4/2/2021 3:21:00 AM	Bis(2-chloroethyl)ether	n/a	<	2.7	µg/L	EPA 625.1	2.7	10	WKL	
MO-FIL	2020/21-3	Wet	3/10/2021 9:05:00 AM	4/2/2021 3:21:00 AM	Bis(2-chloroisopropyl)ether	n/a	<	3.8	µg/L	EPA 625.1	3.8	10	WKL	
MO-FIL	2020/21-3	Wet	3/10/2021 9:05:00 AM	3/17/2021 6:49:00 AM	Bis(2-ethylhexyl)adipate	n/a	DNQ	2.1	µg/L	EPA 525.2	0.48	20	WKL	HB-LCSR
MO-FIL	2020/21-3	Wet	3/10/2021 9:05:00 AM	3/17/2021 6:49:00 AM	Bis(2-ethylhexyl)phthalate	n/a	DNQ	2.6	µg/L	EPA 525.2	1.6	12	WKL	UL-MB
MO-FIL	2020/21-3	Wet	3/10/2021 9:05:00 AM	4/2/2021 3:21:00 AM	Bis(2-ethylhexyl)phthalate	n/a	<	23	µg/L	EPA 625.1	23	50	WKL	
MO-FIL	2020/21-3	Wet	3/10/2021 9:05:00 AM	4/2/2021 3:21:00 AM	Butyl benzyl phthalate	n/a	<	1.8	µg/L	EPA 625.1	1.8	10	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-FIL	2020/21-3	Wet	3/10/2021 9:05:00 AM	4/2/2021 3:21:00 AM	Chrysene	n/a	<	1.9	µg/L	EPA 625.1	1.9	10	WKL	
MO-FIL	2020/21-3	Wet	3/10/2021 9:05:00 AM	3/27/2021 5:53:00 AM	Chrysene	n/a	<	0.32	µg/L	EPA 8270C	0.32	1	WKL	
MO-FIL	2020/21-3	Wet	3/10/2021 9:05:00 AM	4/2/2021 3:21:00 AM	Dibenz(a,h)anthracene	n/a	<	5.3	µg/L	EPA 625.1	5.3	20	WKL	
MO-FIL	2020/21-3	Wet	3/10/2021 9:05:00 AM	3/27/2021 5:53:00 AM	Dibenz(a,h)anthracene	n/a	<	0.96	µg/L	EPA 8270C	0.96	1	WKL	
MO-FIL	2020/21-3	Wet	3/10/2021 9:05:00 AM	4/2/2021 3:21:00 AM	Diethyl phthalate	n/a	<	1.5	µg/L	EPA 625.1	1.5	10	WKL	
MO-FIL	2020/21-3	Wet	3/10/2021 9:05:00 AM	4/2/2021 3:21:00 AM	Dimethyl phthalate	n/a	<	1.8	µg/L	EPA 625.1	1.8	10	WKL	
MO-FIL	2020/21-3	Wet	3/10/2021 9:05:00 AM	4/2/2021 3:21:00 AM	Di-n-butylphthalate	n/a	DNQ	1	µg/L	EPA 625.1	1	10	WKL	
MO-FIL	2020/21-3	Wet	3/10/2021 9:05:00 AM	4/2/2021 3:21:00 AM	Di-n-octylphthalate	n/a	<	4.6	µg/L	EPA 625.1	4.6	10	WKL	
MO-FIL	2020/21-3	Wet	3/10/2021 9:05:00 AM	4/2/2021 3:21:00 AM	Fluoranthene	n/a	<	0.8	µg/L	EPA 625.1	0.8	10	WKL	
MO-FIL	2020/21-3	Wet	3/10/2021 9:05:00 AM	3/27/2021 5:53:00 AM	Fluoranthene	n/a	<	0.39	µg/L	EPA 8270C	0.39	1	WKL	
MO-FIL	2020/21-3	Wet	3/10/2021 9:05:00 AM	4/2/2021 3:21:00 AM	Fluorene	n/a	<	3.5	µg/L	EPA 625.1	3.5	10	WKL	
MO-FIL	2020/21-3	Wet	3/10/2021 9:05:00 AM	3/27/2021 5:53:00 AM	Fluorene	n/a	<	0.29	µg/L	EPA 8270C	0.29	1	WKL	
MO-FIL	2020/21-3	Wet	3/10/2021 9:05:00 AM	4/2/2021 3:21:00 AM	Hexachlorobenzene	n/a	<	4.9	µg/L	EPA 625.1	4.9	10	WKL	
MO-FIL	2020/21-3	Wet	3/10/2021 9:05:00 AM	4/2/2021 3:21:00 AM	Hexachlorobutadiene	n/a	<	4.7	µg/L	EPA 625.1	4.7	10	WKL	
MO-FIL	2020/21-3	Wet	3/10/2021 9:05:00 AM	4/2/2021 3:21:00 AM	Hexachlorocyclopentadiene	n/a	<	9.8	µg/L	EPA 625.1	9.8	50	WKL	
MO-FIL	2020/21-3	Wet	3/10/2021 9:05:00 AM	4/2/2021 3:21:00 AM	Hexachloroethane	n/a	<	5	µg/L	EPA 625.1	5	10	WKL	
MO-FIL	2020/21-3	Wet	3/10/2021 9:05:00 AM	4/2/2021 3:21:00 AM	Indeno(1,2,3-cd)pyrene	n/a	<	5.5	µg/L	EPA 625.1	5.5	20	WKL	
MO-FIL	2020/21-3	Wet	3/10/2021 9:05:00 AM	3/27/2021 5:53:00 AM	Indeno(1,2,3-cd)pyrene	n/a	<	0.65	µg/L	EPA 8270C	0.65	1	WKL	
MO-FIL	2020/21-3	Wet	3/10/2021 9:05:00 AM	4/2/2021 3:21:00 AM	Isophorone	n/a	<	2.1	µg/L	EPA 625.1	2.1	10	WKL	
MO-FIL	2020/21-3	Wet	3/10/2021 9:05:00 AM	4/2/2021 3:21:00 AM	Naphthalene	n/a	<	4.9	µg/L	EPA 625.1	4.9	10	WKL	
MO-FIL	2020/21-3	Wet	3/10/2021 9:05:00 AM	3/27/2021 5:53:00 AM	Naphthalene	n/a	<	0.26	µg/L	EPA 8270C	0.26	1	WKL	
MO-FIL	2020/21-3	Wet	3/10/2021 9:05:00 AM	4/2/2021 3:21:00 AM	Nitrobenzene	n/a	<	3.6	µg/L	EPA 625.1	3.6	10	WKL	
MO-FIL	2020/21-3	Wet	3/10/2021 9:05:00 AM	4/2/2021 3:21:00 AM	N-Nitrosodimethylamine	n/a	<	5	µg/L	EPA 625.1	5	10	WKL	
MO-FIL	2020/21-3	Wet	3/10/2021 9:05:00 AM	4/2/2021 3:21:00 AM	N-Nitrosodi-N-propylamine	n/a	<	2.6	µg/L	EPA 625.1	2.6	10	WKL	
MO-FIL	2020/21-3	Wet	3/10/2021 9:05:00 AM	4/2/2021 3:21:00 AM	N-Nitrosodiphenylamine	n/a	<	1.9	µg/L	EPA 625.1	1.9	10	WKL	
MO-FIL	2020/21-3	Wet	3/10/2021 9:05:00 AM	4/2/2021 3:21:00 AM	Phenanthrene	n/a	<	3.2	µg/L	EPA 625.1	3.2	10	WKL	
MO-FIL	2020/21-3	Wet	3/10/2021 9:05:00 AM	3/27/2021 5:53:00 AM	Phenanthrene	n/a	<	0.29	µg/L	EPA 8270C	0.29	1	WKL	
MO-FIL	2020/21-3	Wet	3/10/2021 9:05:00 AM	4/2/2021 3:21:00 AM	Phenol	n/a	<	1.6	µg/L	EPA 625.1	1.6	10	WKL	
MO-FIL	2020/21-3	Wet	3/10/2021 9:05:00 AM	3/26/2021 4:19:00 AM	Phenol	n/a	<	3.5	µg/L	EPA 8270C	3.5	10	WKL	
MO-FIL	2020/21-3	Wet	3/10/2021 9:05:00 AM	4/2/2021 3:21:00 AM	Pyrene	n/a	<	2.5	µg/L	EPA 625.1	2.5	10	WKL	
MO-FIL	2020/21-3	Wet	3/10/2021 9:05:00 AM	3/27/2021 5:53:00 AM	Pyrene	n/a	<	0.4	µg/L	EPA 8270C	0.4	1	WKL	
MO-FIL	2020/21-3	Wet	3/10/2021 9:05:00 AM	4/3/2021 1:57:00 AM	PCB Aroclor 1016	n/a	<	5	µg/L	EPA 608.3	5	5	WKL	
MO-FIL	2020/21-3	Wet	3/10/2021 9:05:00 AM	4/3/2021 1:57:00 AM	PCB Aroclor 1221	n/a	<	5	µg/L	EPA 608.3	5	5	WKL	
MO-FIL	2020/21-3	Wet	3/10/2021 9:05:00 AM	4/3/2021 1:57:00 AM	PCB Aroclor 1232	n/a	<	5	µg/L	EPA 608.3	5	5	WKL	
MO-FIL	2020/21-3	Wet	3/10/2021 9:05:00 AM	4/3/2021 1:57:00 AM	PCB Aroclor 1242	n/a	<	5	µg/L	EPA 608.3	5	5	WKL	
MO-FIL	2020/21-3	Wet	3/10/2021 9:05:00 AM	4/3/2021 1:57:00 AM	PCB Aroclor 1248	n/a	<	5	µg/L	EPA 608.3	5	5	WKL	
MO-FIL	2020/21-3	Wet	3/10/2021 9:05:00 AM	4/3/2021 1:57:00 AM	PCB Aroclor 1254	n/a	<	5	µg/L	EPA 608.3	5	5	WKL	
MO-FIL	2020/21-3	Wet	3/10/2021 9:05:00 AM	4/3/2021 1:57:00 AM	PCB Aroclor 1260	n/a	<	5	µg/L	EPA 608.3	5	5	WKL	
MO-FIL	2020/21-3	Wet	3/10/2021 9:05:00 AM	3/27/2021 9:48:00 PM	2,4,5-T	n/a	<	0.28	µg/L	EPA 515.4	0.28	1	WKL	
MO-FIL	2020/21-3	Wet	3/10/2021 9:05:00 AM	3/27/2021 9:48:00 PM	2,4,5-TP	n/a	<	0.23	µg/L	EPA 515.4	0.23	1	WKL	
MO-FIL	2020/21-3	Wet	3/10/2021 9:05:00 AM	3/27/2021 9:48:00 PM	2,4-D	n/a	<	2	µg/L	EPA 515.4	2	2	WKL	
MO-FIL	2020/21-3	Wet	3/10/2021 9:05:00 AM	3/27/2021 9:48:00 PM	2,4-DB	n/a	<	0.95	µg/L	EPA 515.4	0.95	10	WKL	
MO-FIL	2020/21-3	Wet	3/10/2021 9:05:00 AM	3/27/2021 9:48:00 PM	3,5-Dichlorobenzoic acid	n/a	<	0.6	µg/L	EPA 515.4	0.6	5	WKL	
MO-FIL	2020/21-3	Wet	3/10/2021 9:05:00 AM	4/3/2021 1:57:00 AM	4,4'-DDD	n/a	<	0.007	µg/L	EPA 608.3	0.007	0.5	WKL	
MO-FIL	2020/21-3	Wet	3/10/2021 9:05:00 AM	4/3/2021 1:57:00 AM	4,4'-DDE	n/a	<	0.007	µg/L	EPA 608.3	0.007	0.5	WKL	
MO-FIL	2020/21-3	Wet	3/10/2021 9:05:00 AM	4/3/2021 1:57:00 AM	4,4'-DDT	n/a	<	0.011	µg/L	EPA 608.3	0.011	0.1	WKL	
MO-FIL	2020/21-3	Wet	3/10/2021 9:05:00 AM	3/27/2021 9:48:00 PM	Acifluorfen	n/a	<	0.36	µg/L	EPA 515.4	0.36	2	WKL	
MO-FIL	2020/21-3	Wet	3/10/2021 9:05:00 AM	3/17/2021 6:49:00 AM	Alachlor	n/a	<	0.12	µg/L	EPA 525.2	0.12	0.4	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-FIL	2020/21-3	Wet	3/10/2021 9:05:00 AM	4/3/2021 1:57:00 AM	Aldrin	n/a	<	0.01	µg/L	EPA 608.3	0.01	0.05	WKL	
MO-FIL	2020/21-3	Wet	3/10/2021 9:05:00 AM	4/3/2021 1:57:00 AM	alpha-BHC	n/a	<	0.011	µg/L	EPA 608.3	0.011	0.1	WKL	
MO-FIL	2020/21-3	Wet	3/10/2021 9:05:00 AM	4/3/2021 1:57:00 AM	alpha-Chlordane	n/a	<	0.029	µg/L	EPA 608.3	0.029	0.1	WKL	
MO-FIL	2020/21-3	Wet	3/10/2021 9:05:00 AM	3/17/2021 6:49:00 AM	Atrazine	n/a	<	0.12	µg/L	EPA 525.2	0.12	0.4	WKL	
MO-FIL	2020/21-3	Wet	3/10/2021 9:05:00 AM	3/18/2021 3:10:00 AM	Azinphos methyl	n/a	<	0.011	µg/L	EPA 625.1m	0.011	0.02	WKL	
MO-FIL	2020/21-3	Wet	3/10/2021 9:05:00 AM	3/27/2021 9:48:00 PM	Bentazon	n/a	<	1.2	µg/L	EPA 515.4	1.2	10	WKL	
MO-FIL	2020/21-3	Wet	3/10/2021 9:05:00 AM	4/3/2021 1:57:00 AM	beta-BHC	n/a	<	0.015	µg/L	EPA 608.3	0.015	0.05	WKL	
MO-FIL	2020/21-3	Wet	3/10/2021 9:05:00 AM	3/18/2021 3:10:00 AM	Bolstar	n/a	<	0.0092	µg/L	EPA 625.1m	0.0092	0.02	WKL	
MO-FIL	2020/21-3	Wet	3/10/2021 9:05:00 AM	3/17/2021 6:49:00 AM	Bromacil	n/a	<	0.64	µg/L	EPA 525.2	0.64	2	WKL	
MO-FIL	2020/21-3	Wet	3/10/2021 9:05:00 AM	3/17/2021 6:49:00 AM	Butachlor	n/a	<	0.12	µg/L	EPA 525.2	0.12	0.4	WKL	
MO-FIL	2020/21-3	Wet	3/10/2021 9:05:00 AM	3/17/2021 6:49:00 AM	Captan	n/a	<	0.64	µg/L	EPA 525.2	0.64	4	WKL	
MO-FIL	2020/21-3	Wet	3/10/2021 9:05:00 AM	4/3/2021 1:57:00 AM	Chlordane (technical)	n/a	<	5	µg/L	EPA 608.3	5	5	WKL	
MO-FIL	2020/21-3	Wet	3/10/2021 9:05:00 AM	3/17/2021 6:49:00 AM	Chlorpropham	n/a	<	0.16	µg/L	EPA 525.2	0.16	0.4	WKL	
MO-FIL	2020/21-3	Wet	3/10/2021 9:05:00 AM	3/18/2021 3:10:00 AM	Chlorpyrifos	n/a	<	0.014	µg/L	EPA 625.1m	0.014	0.02	WKL	
MO-FIL	2020/21-3	Wet	3/10/2021 9:05:00 AM	3/18/2021 3:10:00 AM	Coumaphos	n/a	<	0.01	µg/L	EPA 625.1m	0.01	0.02	WKL	
MO-FIL	2020/21-3	Wet	3/10/2021 9:05:00 AM	3/17/2021 6:49:00 AM	Cyanazine	n/a	<	0.16	µg/L	EPA 525.2	0.16	0.4	WKL	
MO-FIL	2020/21-3	Wet	3/10/2021 9:05:00 AM	3/27/2021 9:48:00 PM	Dalapon	n/a	<	0.55	µg/L	EPA 515.4	0.55	2	WKL	
MO-FIL	2020/21-3	Wet	3/10/2021 9:05:00 AM	3/27/2021 9:48:00 PM	DCPA (Dacthal)	n/a	<	0.26	µg/L	EPA 515.4	0.26	0.5	WKL	
MO-FIL	2020/21-3	Wet	3/10/2021 9:05:00 AM	4/3/2021 1:57:00 AM	delta-BHC	n/a	<	0.019	µg/L	EPA 608.3	0.019	0.05	WKL	
MO-FIL	2020/21-3	Wet	3/10/2021 9:05:00 AM	3/18/2021 3:10:00 AM	Demeton-O	n/a	<	0.02	µg/L	EPA 625.1m	0.02	0.02	WKL	
MO-FIL	2020/21-3	Wet	3/10/2021 9:05:00 AM	3/18/2021 3:10:00 AM	Demeton-S	n/a	<	0.02	µg/L	EPA 625.1m	0.02	0.02	WKL	
MO-FIL	2020/21-3	Wet	3/10/2021 9:05:00 AM	3/17/2021 6:49:00 AM	Diazinon	n/a	<	0.2	µg/L	EPA 525.2	0.2	0.4	WKL	
MO-FIL	2020/21-3	Wet	3/10/2021 9:05:00 AM	3/18/2021 3:10:00 AM	Diazinon	n/a	<	0.01	µg/L	EPA 625.1m	0.01	0.02	WKL	
MO-FIL	2020/21-3	Wet	3/10/2021 9:05:00 AM	3/27/2021 9:48:00 PM	Dicamba	n/a	<	0.38	µg/L	EPA 515.4	0.38	3	WKL	
MO-FIL	2020/21-3	Wet	3/10/2021 9:05:00 AM	3/27/2021 9:48:00 PM	Dichlorprop	n/a	<	0.6	µg/L	EPA 515.4	0.6	1.5	WKL	
MO-FIL	2020/21-3	Wet	3/10/2021 9:05:00 AM	3/18/2021 3:10:00 AM	Dichlorvos	n/a	<	0.0058	µg/L	EPA 625.1m	0.0058	0.02	WKL	
MO-FIL	2020/21-3	Wet	3/10/2021 9:05:00 AM	4/3/2021 1:57:00 AM	Dieldrin	n/a	<	0.008	µg/L	EPA 608.3	0.008	0.1	WKL	
MO-FIL	2020/21-3	Wet	3/10/2021 9:05:00 AM	3/17/2021 6:49:00 AM	Dimethoate	n/a	<	0.08	µg/L	EPA 525.2	0.08	0.8	WKL	
MO-FIL	2020/21-3	Wet	3/10/2021 9:05:00 AM	3/18/2021 3:10:00 AM	Dimethoate	n/a	<	0.012	µg/L	EPA 625.1m	0.012	0.02	WKL	
MO-FIL	2020/21-3	Wet	3/10/2021 9:05:00 AM	3/27/2021 9:48:00 PM	Dinoseb	n/a	<	0.28	µg/L	EPA 515.4	0.28	2	WKL	
MO-FIL	2020/21-3	Wet	3/10/2021 9:05:00 AM	3/17/2021 6:49:00 AM	Diphenamid	n/a	<	0.12	µg/L	EPA 525.2	0.12	0.4	WKL	
MO-FIL	2020/21-3	Wet	3/10/2021 9:05:00 AM	3/17/2021 6:49:00 AM	Disulfoton	n/a	<	0.16	µg/L	EPA 525.2	0.16	0.4	WKL	
MO-FIL	2020/21-3	Wet	3/10/2021 9:05:00 AM	3/18/2021 3:10:00 AM	Disulfoton	n/a	<	0.02	µg/L	EPA 625.1m	0.02	0.02	WKL	
MO-FIL	2020/21-3	Wet	3/10/2021 9:05:00 AM	4/3/2021 1:57:00 AM	Endosulfan I	n/a	<	0.009	µg/L	EPA 608.3	0.009	0.2	WKL	
MO-FIL	2020/21-3	Wet	3/10/2021 9:05:00 AM	4/3/2021 1:57:00 AM	Endosulfan II	n/a	<	0.007	µg/L	EPA 608.3	0.007	0.1	WKL	
MO-FIL	2020/21-3	Wet	3/10/2021 9:05:00 AM	4/3/2021 1:57:00 AM	Endosulfan sulfate	n/a	<	0.013	µg/L	EPA 608.3	0.013	0.5	WKL	
MO-FIL	2020/21-3	Wet	3/10/2021 9:05:00 AM	4/3/2021 1:57:00 AM	Endrin	n/a	<	0.017	µg/L	EPA 608.3	0.017	0.1	WKL	
MO-FIL	2020/21-3	Wet	3/10/2021 9:05:00 AM	4/3/2021 1:57:00 AM	Endrin aldehyde	n/a	<	0.019	µg/L	EPA 608.3	0.019	0.1	WKL	
MO-FIL	2020/21-3	Wet	3/10/2021 9:05:00 AM	3/17/2021 6:49:00 AM	EPTC	n/a	<	0.08	µg/L	EPA 525.2	0.08	0.4	WKL	
MO-FIL	2020/21-3	Wet	3/10/2021 9:05:00 AM	3/18/2021 3:10:00 AM	Ethoprop	n/a	<	0.013	µg/L	EPA 625.1m	0.013	0.02	WKL	
MO-FIL	2020/21-3	Wet	3/10/2021 9:05:00 AM	3/18/2021 3:10:00 AM	Ethyl parathion	n/a	<	0.011	µg/L	EPA 625.1m	0.011	0.02	WKL	
MO-FIL	2020/21-3	Wet	3/10/2021 9:05:00 AM	3/18/2021 3:10:00 AM	Fensulfothion	n/a	<	0.0058	µg/L	EPA 625.1m	0.0058	0.02	WKL	
MO-FIL	2020/21-3	Wet	3/10/2021 9:05:00 AM	3/18/2021 3:10:00 AM	Fenthion	n/a	<	0.0076	µg/L	EPA 625.1m	0.0076	0.02	WKL	
MO-FIL	2020/21-3	Wet	3/10/2021 9:05:00 AM	4/3/2021 1:57:00 AM	gamma-BHC (Lindane)	n/a	<	0.004	µg/L	EPA 608.3	0.004	0.2	WKL	
MO-FIL	2020/21-3	Wet	3/10/2021 9:05:00 AM	4/3/2021 1:57:00 AM	gamma-Chlordane	n/a	<	0.023	µg/L	EPA 608.3	0.023	0.1	WKL	
MO-FIL	2020/21-3	Wet	3/10/2021 9:05:00 AM	3/18/2021 4:14:00 AM	Glyphosate	n/a	=	19	µg/L	EPA 547	1.8	5	WKL	
MO-FIL	2020/21-3	Wet	3/10/2021 9:05:00 AM	4/3/2021 1:57:00 AM	Heptachlor	n/a	<	0.006	µg/L	EPA 608.3	0.006	0.1	WKL	
MO-FIL	2020/21-3	Wet	3/10/2021 9:05:00 AM	4/3/2021 1:57:00 AM	Heptachlor epoxide	n/a	<	0.004	µg/L	EPA 608.3	0.004	0.1	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-FIL	2020/21-3	Wet	3/10/2021 9:05:00 AM	3/18/2021 3:10:00 AM	Malathion	n/a	<	0.015	µg/L	EPA 625.1m	0.015	0.02	WKL	
MO-FIL	2020/21-3	Wet	3/10/2021 9:05:00 AM	3/18/2021 3:10:00 AM	Merphos	n/a	<	0.012	µg/L	EPA 625.1m	0.012	0.02	WKL	
MO-FIL	2020/21-3	Wet	3/10/2021 9:05:00 AM	3/18/2021 3:10:00 AM	Methyl parathion	n/a	<	0.013	µg/L	EPA 625.1m	0.013	0.02	WKL	
MO-FIL	2020/21-3	Wet	3/10/2021 9:05:00 AM	3/17/2021 6:49:00 AM	Metolachlor	n/a	<	0.12	µg/L	EPA 525.2	0.12	0.4	WKL	
MO-FIL	2020/21-3	Wet	3/10/2021 9:05:00 AM	3/17/2021 6:49:00 AM	Metribuzin	n/a	<	0.12	µg/L	EPA 525.2	0.12	0.4	WKL	
MO-FIL	2020/21-3	Wet	3/10/2021 9:05:00 AM	3/18/2021 3:10:00 AM	Mevinphos	n/a	<	0.0084	µg/L	EPA 625.1m	0.0084	0.02	WKL	
MO-FIL	2020/21-3	Wet	3/10/2021 9:05:00 AM	3/17/2021 6:49:00 AM	Molinate	n/a	<	0.12	µg/L	EPA 525.2	0.12	0.4	WKL	
MO-FIL	2020/21-3	Wet	3/10/2021 9:05:00 AM	3/18/2021 3:10:00 AM	Naled	n/a	<	0.015	µg/L	EPA 625.1m	0.015	0.02	WKL	
MO-FIL	2020/21-3	Wet	3/10/2021 9:05:00 AM	3/27/2021 9:48:00 PM	Pentachlorophenol	n/a	<	0.23	µg/L	EPA 515.4	0.23	1	WKL	
MO-FIL	2020/21-3	Wet	3/10/2021 9:05:00 AM	3/26/2021 4:19:00 AM	Pentachlorophenol	n/a	<	1.5	µg/L	EPA 8270C	1.5	10	WKL	
MO-FIL	2020/21-3	Wet	3/10/2021 9:05:00 AM	4/2/2021 3:21:00 AM	Pentachlorophenol	n/a	<	4	µg/L	EPA 625.1	4	10	WKL	
MO-FIL	2020/21-3	Wet	3/10/2021 9:05:00 AM	3/18/2021 3:10:00 AM	Phorate	n/a	<	0.006	µg/L	EPA 625.1m	0.006	0.02	WKL	
MO-FIL	2020/21-3	Wet	3/10/2021 9:05:00 AM	3/27/2021 9:48:00 PM	Picloram	n/a	<	0.19	µg/L	EPA 515.4	0.19	3	WKL	
MO-FIL	2020/21-3	Wet	3/10/2021 9:05:00 AM	3/17/2021 6:49:00 AM	Prometon	n/a	<	0.04	µg/L	EPA 525.2	0.04	0.4	WKL	
MO-FIL	2020/21-3	Wet	3/10/2021 9:05:00 AM	3/17/2021 6:49:00 AM	Prometryn	n/a	<	0.12	µg/L	EPA 525.2	0.12	0.4	WKL	
MO-FIL	2020/21-3	Wet	3/10/2021 9:05:00 AM	3/18/2021 3:10:00 AM	Ronnel (Fenchlorphos)	n/a	<	0.0082	µg/L	EPA 625.1m	0.0082	0.02	WKL	
MO-FIL	2020/21-3	Wet	3/10/2021 9:05:00 AM	3/17/2021 6:49:00 AM	Simazine	n/a	<	0.08	µg/L	EPA 525.2	0.08	0.4	WKL	
MO-FIL	2020/21-3	Wet	3/10/2021 9:05:00 AM	3/18/2021 3:10:00 AM	Stirophos (Tetrachlorvinphos)	n/a	<	0.0062	µg/L	EPA 625.1m	0.0062	0.02	WKL	
MO-FIL	2020/21-3	Wet	3/10/2021 9:05:00 AM	3/17/2021 6:49:00 AM	Terbacil	n/a	<	0.36	µg/L	EPA 525.2	0.36	8	WKL	
MO-FIL	2020/21-3	Wet	3/10/2021 9:05:00 AM	3/17/2021 6:49:00 AM	Thiobencarb	n/a	<	0.12	µg/L	EPA 525.2	0.12	0.4	WKL	
MO-FIL	2020/21-3	Wet	3/10/2021 9:05:00 AM	3/18/2021 3:10:00 AM	Toxothion	n/a	<	0.016	µg/L	EPA 625.1m	0.016	0.02	WKL	
MO-FIL	2020/21-3	Wet	3/10/2021 9:05:00 AM	4/3/2021 1:57:00 AM	Toxaphene	n/a	<	10	µg/L	EPA 608.3	10	10	WKL	
MO-FIL	2020/21-3	Wet	3/10/2021 9:05:00 AM	3/18/2021 3:10:00 AM	Trichloronate	n/a	<	0.013	µg/L	EPA 625.1m	0.013	0.02	WKL	
MO-FIL	2020/21-3	Wet	3/10/2021 9:05:00 AM	3/17/2021 6:49:00 AM	Trithion	n/a	<	0.08	µg/L	EPA 525.2	0.08	0.4	WKL	
MO-FIL	2020/21-4	Dry	4/27/2021 9:00:00 AM	4/30/2021 1:33:00 PM	Chloride	n/a	=	78	mg/L	EPA 300.0	0.17	1	WKL	
MO-FIL	2020/21-4	Dry	4/27/2021 9:00:00 AM	4/30/2021 1:33:00 PM	Fluoride	n/a	=	0.85	mg/L	EPA 300.0	0.018	0.2	WKL	
MO-FIL	2020/21-4	Dry	4/27/2021 9:00:00 AM	4/30/2021 6:10:00 PM	Perchlorate	n/a	<	1.7	µg/L	EPA 314.0	1.7	4	WKL	
MO-FIL	2020/21-4	Dry	4/27/2021 9:00:00 AM	4/28/2021 9:45:00 AM	E. Coli	n/a	=	370	MPN/100 mL	SM 9223 B	-88	10	WKL	
MO-FIL	2020/21-4	Dry	4/27/2021 9:00:00 AM	4/28/2021 9:45:00 AM	Total Coliform	n/a	=	4900	MPN/100 mL	SM 9223 B	-88	10	WKL	
MO-FIL	2020/21-4	Dry	4/27/2021 9:00:00 AM	5/5/2021 5:36:00 PM	Calcium	Total	=	161	mg/L	EPA 200.7	0.16	0.5	WKL	
MO-FIL	2020/21-4	Dry	4/27/2021 9:00:00 AM	5/5/2021 5:36:00 PM	Magnesium	Total	=	49.5	mg/L	EPA 200.7	0.039	0.5	WKL	
MO-FIL	2020/21-4	Dry	4/27/2021 9:00:00 AM	5/4/2021 12:00:00 PM	Alkalinity as CaCO3	n/a	=	250	mg/L	SM 2320 B	0.56	5	WKL	
MO-FIL	2020/21-4	Dry	4/27/2021 9:00:00 AM	5/3/2021 2:24:00 PM	BOD	n/a	<	2	mg/L	SM 5210 B	2	2	WKL	
MO-FIL	2020/21-4	Dry	4/27/2021 9:00:00 AM	5/10/2021 11:07:00 AM	COD	n/a	=	13	mg/L	EPA 410.4	2.9	5	WKL	
MO-FIL	2020/21-4	Dry	4/27/2021 9:00:00 AM	4/27/2021 9:00:00 AM	Conductivity	n/a	=	1187	µmhos/cm	Field Meter	-88	1	Field Crew	
MO-FIL	2020/21-4	Dry	4/27/2021 9:00:00 AM	5/4/2021 2:36:00 PM	Cyanide	Total	<	0.0003	mg/L	ASTM D7511	0.0003	0.002	WKL	
MO-FIL	2020/21-4	Dry	4/27/2021 9:00:00 AM	4/27/2021 9:00:00 AM	DO	n/a	=	153.3	%	Field Meter	-88	0.1	Field Crew	
MO-FIL	2020/21-4	Dry	4/27/2021 9:00:00 AM	4/27/2021 9:00:00 AM	DO	n/a	=	14.83	mg/L	Field Meter	-88	0.3	Field Crew	
MO-FIL	2020/21-4	Dry	4/27/2021 9:00:00 AM	5/5/2021 5:36:00 PM	Hardness as CaCO3	Total	=	605	mg/L	EPA 200.7	0.56	3.31	WKL	
MO-FIL	2020/21-4	Dry	4/27/2021 9:00:00 AM	4/27/2021 6:33:00 PM	MBAS	n/a	DNQ	0.035	mg/L	SM 5540 C	0.017	0.05	WKL	
MO-FIL	2020/21-4	Dry	4/27/2021 9:00:00 AM	4/27/2021 9:00:00 AM	pH	n/a	=	8.45	pH Units	Field Meter	-88	0.01	Field Crew	
MO-FIL	2020/21-4	Dry	4/27/2021 9:00:00 AM	5/4/2021 2:01:00 PM	Phenolics	n/a	<	0.0032	mg/L	EPA 420.4	0.0032	0.01	WKL	
MO-FIL	2020/21-4	Dry	4/27/2021 9:00:00 AM	4/27/2021 9:00:00 AM	Salinity	n/a	=	700	mg/L	Field Meter	-88	100	Field Crew	
MO-FIL	2020/21-4	Dry	4/27/2021 9:00:00 AM	4/27/2021 9:00:00 AM	Specific Conductance	n/a	=	1401	µmhos/cm	Field Meter	-88	1	Field Crew	
MO-FIL	2020/21-4	Dry	4/27/2021 9:00:00 AM	4/28/2021 12:36:00 PM	Specific Conductance	n/a	=	1600	µmhos/cm	SM 2510 B	0.7	6	WKL	
MO-FIL	2020/21-4	Dry	4/27/2021 9:00:00 AM	4/27/2021 9:00:00 AM	Temperature	n/a	=	17.1	°C	Field Meter	-88	0.1	Field Crew	
MO-FIL	2020/21-4	Dry	4/27/2021 9:00:00 AM	5/3/2021 12:40:00 PM	Total Dissolved Solids	n/a	=	1100	mg/L	SM 2540 C	4	10	WKL	
MO-FIL	2020/21-4	Dry	4/27/2021 9:00:00 AM	5/3/2021 3:51:00 PM	Total Organic Carbon	n/a	=	4.3	mg/L	SM 5310 B	0.096	0.3	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-FIL	2020/21-4	Dry	4/27/2021 9:00:00 AM	5/3/2021 1:20:00 PM	Total Suspended Solids	n/a	DNQ	2	mg/L	SM 2540 D	-88	5	WKL	
MO-FIL	2020/21-4	Dry	4/27/2021 9:00:00 AM	4/28/2021 3:47:00 PM	Turbidity	n/a	=	0.25	NTU	EPA 180.1	0.017	0.1	WKL	
MO-FIL	2020/21-4	Dry	4/27/2021 9:00:00 AM	5/3/2021 1:20:00 PM	Volatile Suspended Solids	n/a	<	3.1	mg/L	EPA 160.4	3.1	5	WKL	
MO-FIL	2020/21-4	Dry	4/27/2021 9:00:00 AM	5/5/2021 9:55:00 PM	Diesel Range Organics	n/a	DNQ	0.049	mg/L	EPA 8015B	0.032	0.1	WKL	UL-MB
MO-FIL	2020/21-4	Dry	4/27/2021 9:00:00 AM	5/3/2021 11:42:00 PM	Gasoline Range Organics	n/a	<	0.065	mg/L	LUFT GC/MS	0.065	0.1	WKL	
MO-FIL	2020/21-4	Dry	4/27/2021 9:00:00 AM	4/28/2021 5:44:00 PM	Oil and Grease	n/a	<	0.7	mg/L	EPA 1664B	0.7	5	WKL	
MO-FIL	2020/21-4	Dry	4/27/2021 9:00:00 AM	5/5/2021 9:55:00 PM	Oil Range Organics	n/a	<	0.33	mg/L	EPA 8015B	0.33	0.5	WKL	
MO-FIL	2020/21-4	Dry	4/27/2021 9:00:00 AM	5/3/2021 4:58:00 PM	Aluminum	Dissolved	DNQ	5.4	µg/L	EPA 200.8	4.4	20	WKL	
MO-FIL	2020/21-4	Dry	4/27/2021 9:00:00 AM	5/3/2021 5:01:00 PM	Aluminum	Total	DNQ	10	µg/L	EPA 200.8	4.4	20	WKL	
MO-FIL	2020/21-4	Dry	4/27/2021 9:00:00 AM	5/3/2021 4:58:00 PM	Antimony	Dissolved	DNQ	0.37	µg/L	EPA 200.8	0.089	0.5	WKL	
MO-FIL	2020/21-4	Dry	4/27/2021 9:00:00 AM	5/3/2021 5:01:00 PM	Antimony	Total	DNQ	0.38	µg/L	EPA 200.8	0.089	0.5	WKL	
MO-FIL	2020/21-4	Dry	4/27/2021 9:00:00 AM	5/3/2021 4:58:00 PM	Arsenic	Dissolved	=	0.41	µg/L	EPA 200.8	0.074	0.4	WKL	
MO-FIL	2020/21-4	Dry	4/27/2021 9:00:00 AM	5/3/2021 5:01:00 PM	Arsenic	Total	=	0.42	µg/L	EPA 200.8	0.074	0.4	WKL	
MO-FIL	2020/21-4	Dry	4/27/2021 9:00:00 AM	5/3/2021 5:01:00 PM	Barium	Total	=	35	µg/L	EPA 200.8	0.14	1	WKL	
MO-FIL	2020/21-4	Dry	4/27/2021 9:00:00 AM	5/3/2021 4:58:00 PM	Beryllium	Dissolved	<	0.062	µg/L	EPA 200.8	0.062	0.1	WKL	
MO-FIL	2020/21-4	Dry	4/27/2021 9:00:00 AM	5/3/2021 5:01:00 PM	Beryllium	Total	<	0.062	µg/L	EPA 200.8	0.062	0.1	WKL	
MO-FIL	2020/21-4	Dry	4/27/2021 9:00:00 AM	5/3/2021 4:58:00 PM	Cadmium	Dissolved	DNQ	0.085	µg/L	EPA 200.8	0.042	0.2	WKL	
MO-FIL	2020/21-4	Dry	4/27/2021 9:00:00 AM	5/3/2021 5:01:00 PM	Cadmium	Total	DNQ	0.084	µg/L	EPA 200.8	0.042	0.2	WKL	
MO-FIL	2020/21-4	Dry	4/27/2021 9:00:00 AM	5/3/2021 4:58:00 PM	Chromium	Dissolved	=	0.42	µg/L	EPA 200.8	0.089	0.2	WKL	UL-MB
MO-FIL	2020/21-4	Dry	4/27/2021 9:00:00 AM	5/3/2021 5:01:00 PM	Chromium	Total	=	0.39	µg/L	EPA 200.8	0.089	0.2	WKL	
MO-FIL	2020/21-4	Dry	4/27/2021 9:00:00 AM	5/3/2021 5:25:00 PM	Chromium VI	n/a	=	0.3	µg/L	EPA 218.6	0.0079	0.02	WKL	
MO-FIL	2020/21-4	Dry	4/27/2021 9:00:00 AM	5/3/2021 4:58:00 PM	Copper	Dissolved	=	6.2	µg/L	EPA 200.8	0.23	0.5	WKL	
MO-FIL	2020/21-4	Dry	4/27/2021 9:00:00 AM	5/3/2021 5:01:00 PM	Copper	Total	=	6.3	µg/L	EPA 200.8	0.23	0.5	WKL	
MO-FIL	2020/21-4	Dry	4/27/2021 9:00:00 AM	5/3/2021 4:58:00 PM	Iron	Dissolved	DNQ	6.4	µg/L	EPA 200.8	3.9	20	WKL	
MO-FIL	2020/21-4	Dry	4/27/2021 9:00:00 AM	5/3/2021 5:01:00 PM	Iron	Total	DNQ	16	µg/L	EPA 200.8	3.9	20	WKL	
MO-FIL	2020/21-4	Dry	4/27/2021 9:00:00 AM	5/3/2021 4:58:00 PM	Lead	Dissolved	<	0.083	µg/L	EPA 200.8	0.083	0.2	WKL	
MO-FIL	2020/21-4	Dry	4/27/2021 9:00:00 AM	5/3/2021 5:01:00 PM	Lead	Total	<	0.083	µg/L	EPA 200.8	0.083	0.2	WKL	
MO-FIL	2020/21-4	Dry	4/27/2021 9:00:00 AM	5/4/2021 2:43:00 PM	Mercury	Dissolved	<	17	ng/L	EPA 245.1	17	50	WKL	
MO-FIL	2020/21-4	Dry	4/27/2021 9:00:00 AM	5/4/2021 2:44:00 PM	Mercury	Total	<	17	ng/L	EPA 245.1	17	50	WKL	
MO-FIL	2020/21-4	Dry	4/27/2021 9:00:00 AM	5/3/2021 4:58:00 PM	Nickel	Dissolved	DNQ	1	µg/L	EPA 200.8	0.16	2	WKL	UL-MB
MO-FIL	2020/21-4	Dry	4/27/2021 9:00:00 AM	5/3/2021 5:01:00 PM	Nickel	Total	DNQ	1.1	µg/L	EPA 200.8	0.16	2	WKL	
MO-FIL	2020/21-4	Dry	4/27/2021 9:00:00 AM	5/3/2021 4:58:00 PM	Selenium	Dissolved	=	5.8	µg/L	EPA 200.8	0.067	0.4	WKL	
MO-FIL	2020/21-4	Dry	4/27/2021 9:00:00 AM	5/3/2021 5:01:00 PM	Selenium	Total	=	5.7	µg/L	EPA 200.8	0.067	0.4	WKL	
MO-FIL	2020/21-4	Dry	4/27/2021 9:00:00 AM	5/3/2021 4:58:00 PM	Silver	Dissolved	<	0.03	µg/L	EPA 200.8	0.03	0.2	WKL	
MO-FIL	2020/21-4	Dry	4/27/2021 9:00:00 AM	5/3/2021 5:01:00 PM	Silver	Total	<	0.03	µg/L	EPA 200.8	0.03	0.2	WKL	
MO-FIL	2020/21-4	Dry	4/27/2021 9:00:00 AM	5/3/2021 4:58:00 PM	Thallium	Dissolved	<	0.021	µg/L	EPA 200.8	0.021	0.2	WKL	
MO-FIL	2020/21-4	Dry	4/27/2021 9:00:00 AM	5/3/2021 5:01:00 PM	Thallium	Total	<	0.021	µg/L	EPA 200.8	0.021	0.2	WKL	
MO-FIL	2020/21-4	Dry	4/27/2021 9:00:00 AM	5/3/2021 4:58:00 PM	Zinc	Dissolved	DNQ	6.7	µg/L	EPA 200.8	0.8	10	WKL	UL-MB
MO-FIL	2020/21-4	Dry	4/27/2021 9:00:00 AM	5/3/2021 5:01:00 PM	Zinc	Total	DNQ	6.9	µg/L	EPA 200.8	0.8	10	WKL	
MO-FIL	2020/21-4	Dry	4/27/2021 9:00:00 AM	4/29/2021 1:47:00 PM	Ammonia as N	n/a	<	0.047	mg/L	EPA 350.1	0.047	0.1	WKL	
MO-FIL	2020/21-4	Dry	4/27/2021 9:00:00 AM	4/28/2021 5:37:00 PM	Nitrate + Nitrite as N	n/a	=	2.5	mg/L	EPA 353.2	0.036	0.2	WKL	
MO-FIL	2020/21-4	Dry	4/27/2021 9:00:00 AM	5/5/2021 5:33:00 PM	Phosphorus as P	Dissolved	=	0.095	mg/L	EPA 200.7	0.018	0.05	WKL	
MO-FIL	2020/21-4	Dry	4/27/2021 9:00:00 AM	5/5/2021 5:36:00 PM	Phosphorus as P	Total	=	0.1	mg/L	EPA 200.7	0.018	0.05	WKL	
MO-FIL	2020/21-4	Dry	4/27/2021 9:00:00 AM	4/30/2021 1:35:00 PM	TKN	n/a	=	0.19	mg/L	EPA 351.2	0.065	0.1	WKL	
MO-FIL	2020/21-4	Dry	4/27/2021 9:00:00 AM	5/27/2021 2:36:00 AM	1,2,4-Trichlorobenzene	n/a	<	0.49	µg/L	EPA 625.1	0.49	1	WKL	
MO-FIL	2020/21-4	Dry	4/27/2021 9:00:00 AM	5/27/2021 2:36:00 AM	1,2-Dichlorobenzene	n/a	<	0.46	µg/L	EPA 625.1	0.46	1	WKL	
MO-FIL	2020/21-4	Dry	4/27/2021 9:00:00 AM	5/27/2021 2:36:00 AM	1,2-Diphenylhydrazine	n/a	<	0.3	µg/L	EPA 625.1	0.3	1	WKL	
MO-FIL	2020/21-4	Dry	4/27/2021 9:00:00 AM	5/27/2021 2:36:00 AM	1,3-Dichlorobenzene	n/a	<	0.42	µg/L	EPA 625.1	0.42	1	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-FIL	2020/21-4	Dry	4/27/2021 9:00:00 AM	5/27/2021 2:36:00 AM	1,4-Dichlorobenzene	n/a	<	0.48	µg/L	EPA 625.1	0.48	1	WKL	
MO-FIL	2020/21-4	Dry	4/27/2021 9:00:00 AM	5/5/2021 4:33:00 AM	1-Methylnaphthalene	n/a	<	0.024	µg/L	EPA 8270C	0.024	0.1	WKL	
MO-FIL	2020/21-4	Dry	4/27/2021 9:00:00 AM	5/24/2021 9:48:00 PM	2,4,5-Trichlorophenol	n/a	<	0.29	µg/L	EPA 8270C	0.29	1	WKL	
MO-FIL	2020/21-4	Dry	4/27/2021 9:00:00 AM	5/27/2021 2:36:00 AM	2,4,6-Trichlorophenol	n/a	<	0.22	µg/L	EPA 625.1	0.22	1	WKL	
MO-FIL	2020/21-4	Dry	4/27/2021 9:00:00 AM	5/24/2021 9:48:00 PM	2,4,6-Trichlorophenol	n/a	<	0.3	µg/L	EPA 8270C	0.3	1	WKL	
MO-FIL	2020/21-4	Dry	4/27/2021 9:00:00 AM	5/27/2021 2:36:00 AM	2,4-Dichlorophenol	n/a	<	0.26	µg/L	EPA 625.1	0.26	1	WKL	
MO-FIL	2020/21-4	Dry	4/27/2021 9:00:00 AM	5/24/2021 9:48:00 PM	2,4-Dichlorophenol	n/a	<	0.51	µg/L	EPA 8270C	0.51	1	WKL	
MO-FIL	2020/21-4	Dry	4/27/2021 9:00:00 AM	5/27/2021 2:36:00 AM	2,4-Dimethylphenol	n/a	<	0.3	µg/L	EPA 625.1	0.3	1	WKL	LB-LCSR
MO-FIL	2020/21-4	Dry	4/27/2021 9:00:00 AM	5/24/2021 9:48:00 PM	2,4-Dimethylphenol	n/a	<	1	µg/L	EPA 8270C	1	2	WKL	
MO-FIL	2020/21-4	Dry	4/27/2021 9:00:00 AM	5/24/2021 9:48:00 PM	2,4-Dinitrophenol	n/a	<	1	µg/L	EPA 8270C	1	2	WKL	
MO-FIL	2020/21-4	Dry	4/27/2021 9:00:00 AM	5/27/2021 2:36:00 AM	2,4-Dinitrophenol	n/a	<	1.9	µg/L	EPA 625.1	1.9	10	WKL	
MO-FIL	2020/21-4	Dry	4/27/2021 9:00:00 AM	5/27/2021 2:36:00 AM	2,4-Dinitrotoluene	n/a	<	0.18	µg/L	EPA 625.1	0.18	1	WKL	
MO-FIL	2020/21-4	Dry	4/27/2021 9:00:00 AM	5/27/2021 2:36:00 AM	2,6-Dinitrotoluene	n/a	<	0.27	µg/L	EPA 625.1	0.27	1	WKL	
MO-FIL	2020/21-4	Dry	4/27/2021 9:00:00 AM	5/27/2021 2:36:00 AM	2-Chloronaphthalene	n/a	<	0.45	µg/L	EPA 625.1	0.45	1	WKL	
MO-FIL	2020/21-4	Dry	4/27/2021 9:00:00 AM	5/27/2021 2:36:00 AM	2-Chlorophenol	n/a	<	0.28	µg/L	EPA 625.1	0.28	1	WKL	
MO-FIL	2020/21-4	Dry	4/27/2021 9:00:00 AM	5/24/2021 9:48:00 PM	2-Chlorophenol	n/a	<	0.65	µg/L	EPA 8270C	0.65	1	WKL	
MO-FIL	2020/21-4	Dry	4/27/2021 9:00:00 AM	5/5/2021 4:33:00 AM	2-Methylnaphthalene	n/a	<	0.026	µg/L	EPA 8270C	0.026	0.1	WKL	
MO-FIL	2020/21-4	Dry	4/27/2021 9:00:00 AM	5/24/2021 9:48:00 PM	2-Methylphenol	n/a	<	0.34	µg/L	EPA 8270C	0.34	1	WKL	
MO-FIL	2020/21-4	Dry	4/27/2021 9:00:00 AM	5/27/2021 2:36:00 AM	2-Nitrophenol	n/a	<	0.26	µg/L	EPA 625.1	0.26	1	WKL	
MO-FIL	2020/21-4	Dry	4/27/2021 9:00:00 AM	5/24/2021 9:48:00 PM	2-Nitrophenol	n/a	<	0.71	µg/L	EPA 8270C	0.71	1	WKL	
MO-FIL	2020/21-4	Dry	4/27/2021 9:00:00 AM	5/27/2021 2:36:00 AM	3,3'-Dichlorobenzidine	n/a	<	0.99	µg/L	EPA 625.1	0.99	5	WKL	
MO-FIL	2020/21-4	Dry	4/27/2021 9:00:00 AM	5/24/2021 9:48:00 PM	3-/4-Methylphenol	n/a	<	0.3	µg/L	EPA 8270C	0.3	1	WKL	
MO-FIL	2020/21-4	Dry	4/27/2021 9:00:00 AM	5/27/2021 2:36:00 AM	4,6-Dinitro-2-methylphenol	n/a	<	1.4	µg/L	EPA 625.1	1.4	5	WKL	
MO-FIL	2020/21-4	Dry	4/27/2021 9:00:00 AM	5/24/2021 9:48:00 PM	4,6-Dinitro-2-methylphenol	n/a	<	0.14	µg/L	EPA 8270C	0.14	1	WKL	
MO-FIL	2020/21-4	Dry	4/27/2021 9:00:00 AM	5/27/2021 2:36:00 AM	4-Bromophenyl phenyl ether	n/a	<	0.36	µg/L	EPA 625.1	0.36	1	WKL	
MO-FIL	2020/21-4	Dry	4/27/2021 9:00:00 AM	5/24/2021 9:48:00 PM	4-Chloro-3-methylphenol	n/a	<	0.37	µg/L	EPA 8270C	0.37	1	WKL	
MO-FIL	2020/21-4	Dry	4/27/2021 9:00:00 AM	5/27/2021 2:36:00 AM	4-Chloro-3-methylphenol	n/a	<	0.23	µg/L	EPA 625.1	0.23	1	WKL	
MO-FIL	2020/21-4	Dry	4/27/2021 9:00:00 AM	5/27/2021 2:36:00 AM	4-Chlorophenyl phenyl ether	n/a	<	0.41	µg/L	EPA 625.1	0.41	1	WKL	
MO-FIL	2020/21-4	Dry	4/27/2021 9:00:00 AM	5/24/2021 9:48:00 PM	4-Nitrophenol	n/a	<	1	µg/L	EPA 8270C	1	2	WKL	
MO-FIL	2020/21-4	Dry	4/27/2021 9:00:00 AM	5/27/2021 2:36:00 AM	4-Nitrophenol	n/a	<	1.2	µg/L	EPA 625.1	1.2	5	WKL	
MO-FIL	2020/21-4	Dry	4/27/2021 9:00:00 AM	5/5/2021 4:33:00 AM	Acenaphthene	n/a	<	0.028	µg/L	EPA 8270C	0.028	0.1	WKL	
MO-FIL	2020/21-4	Dry	4/27/2021 9:00:00 AM	5/27/2021 2:36:00 AM	Acenaphthene	n/a	<	0.38	µg/L	EPA 625.1	0.38	1	WKL	
MO-FIL	2020/21-4	Dry	4/27/2021 9:00:00 AM	5/5/2021 4:33:00 AM	Acenaphthylene	n/a	<	0.033	µg/L	EPA 8270C	0.033	0.1	WKL	
MO-FIL	2020/21-4	Dry	4/27/2021 9:00:00 AM	5/27/2021 2:36:00 AM	Acenaphthylene	n/a	<	0.17	µg/L	EPA 625.1	0.17	1	WKL	
MO-FIL	2020/21-4	Dry	4/27/2021 9:00:00 AM	5/27/2021 2:36:00 AM	Anthracene	n/a	<	0.12	µg/L	EPA 625.1	0.12	1	WKL	
MO-FIL	2020/21-4	Dry	4/27/2021 9:00:00 AM	5/5/2021 4:33:00 AM	Anthracene	n/a	<	0.025	µg/L	EPA 8270C	0.025	0.1	WKL	
MO-FIL	2020/21-4	Dry	4/27/2021 9:00:00 AM	5/5/2021 4:33:00 AM	Benz(a)anthracene	n/a	<	0.051	µg/L	EPA 8270C	0.051	0.1	WKL	
MO-FIL	2020/21-4	Dry	4/27/2021 9:00:00 AM	5/27/2021 2:36:00 AM	Benz(a)anthracene	n/a	<	0.19	µg/L	EPA 625.1	0.19	1	WKL	
MO-FIL	2020/21-4	Dry	4/27/2021 9:00:00 AM	5/27/2021 2:36:00 AM	Benzidine	n/a	<	1.4	µg/L	EPA 625.1	1.4	10	WKL	
MO-FIL	2020/21-4	Dry	4/27/2021 9:00:00 AM	5/13/2021 11:40:00 PM	Benzo(a)pyrene	n/a	<	0.02	µg/L	EPA 525.2	0.02	0.1	WKL	
MO-FIL	2020/21-4	Dry	4/27/2021 9:00:00 AM	5/27/2021 2:36:00 AM	Benzo(a)pyrene	n/a	<	0.39	µg/L	EPA 625.1	0.39	1	WKL	
MO-FIL	2020/21-4	Dry	4/27/2021 9:00:00 AM	5/5/2021 4:33:00 AM	Benzo(a)pyrene	n/a	<	0.051	µg/L	EPA 8270C	0.051	0.1	WKL	
MO-FIL	2020/21-4	Dry	4/27/2021 9:00:00 AM	5/27/2021 2:36:00 AM	Benzo(b)fluoranthene	n/a	<	0.46	µg/L	EPA 625.1	0.46	1	WKL	
MO-FIL	2020/21-4	Dry	4/27/2021 9:00:00 AM	5/5/2021 4:33:00 AM	Benzo(b)fluoranthene	n/a	<	0.027	µg/L	EPA 8270C	0.027	0.1	WKL	
MO-FIL	2020/21-4	Dry	4/27/2021 9:00:00 AM	5/27/2021 2:36:00 AM	Benzo(g,h,i)perylene	n/a	<	0.42	µg/L	EPA 625.1	0.42	2	WKL	
MO-FIL	2020/21-4	Dry	4/27/2021 9:00:00 AM	5/5/2021 4:33:00 AM	Benzo(g,h,i)perylene	n/a	<	0.05	µg/L	EPA 8270C	0.05	0.1	WKL	
MO-FIL	2020/21-4	Dry	4/27/2021 9:00:00 AM	5/27/2021 2:36:00 AM	Benzo(k)fluoranthene	n/a	<	0.22	µg/L	EPA 625.1	0.22	1	WKL	
MO-FIL	2020/21-4	Dry	4/27/2021 9:00:00 AM	5/5/2021 4:33:00 AM	Benzo(k)fluoranthene	n/a	<	0.026	µg/L	EPA 8270C	0.026	0.1	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-FIL	2020/21-4	Dry	4/27/2021 9:00:00 AM	5/27/2021 2:36:00 AM	Bis(2-chloroethoxy)methane	n/a	<	0.25	µg/L	EPA 625.1	0.25	1	WKL	
MO-FIL	2020/21-4	Dry	4/27/2021 9:00:00 AM	5/27/2021 2:36:00 AM	Bis(2-chloroethyl)ether	n/a	<	0.27	µg/L	EPA 625.1	0.27	1	WKL	
MO-FIL	2020/21-4	Dry	4/27/2021 9:00:00 AM	5/27/2021 2:36:00 AM	Bis(2-chloroisopropyl)ether	n/a	<	0.38	µg/L	EPA 625.1	0.38	1	WKL	
MO-FIL	2020/21-4	Dry	4/27/2021 9:00:00 AM	5/13/2021 11:40:00 PM	Bis(2-ethylhexyl)adipate	n/a	DNQ	0.82	µg/L	EPA 525.2	0.12	5	WKL	HB-LCSR
MO-FIL	2020/21-4	Dry	4/27/2021 9:00:00 AM	5/13/2021 11:40:00 PM	Bis(2-ethylhexyl)phthalate	n/a	DNQ	0.55	µg/L	EPA 525.2	0.41	3	WKL	
MO-FIL	2020/21-4	Dry	4/27/2021 9:00:00 AM	5/27/2021 2:36:00 AM	Bis(2-ethylhexyl)phthalate	n/a	<	2.3	µg/L	EPA 625.1	2.3	5	WKL	
MO-FIL	2020/21-4	Dry	4/27/2021 9:00:00 AM	5/27/2021 2:36:00 AM	Butyl benzyl phthalate	n/a	<	0.18	µg/L	EPA 625.1	0.18	1	WKL	
MO-FIL	2020/21-4	Dry	4/27/2021 9:00:00 AM	5/27/2021 2:36:00 AM	Chrysene	n/a	<	0.19	µg/L	EPA 625.1	0.19	1	WKL	
MO-FIL	2020/21-4	Dry	4/27/2021 9:00:00 AM	5/5/2021 4:33:00 AM	Chrysene	n/a	<	0.032	µg/L	EPA 8270C	0.032	0.1	WKL	
MO-FIL	2020/21-4	Dry	4/27/2021 9:00:00 AM	5/5/2021 4:33:00 AM	Dibenz(a,h)anthracene	n/a	<	0.096	µg/L	EPA 8270C	0.096	0.1	WKL	
MO-FIL	2020/21-4	Dry	4/27/2021 9:00:00 AM	5/27/2021 2:36:00 AM	Dibenz(a,h)anthracene	n/a	<	0.53	µg/L	EPA 625.1	0.53	2	WKL	
MO-FIL	2020/21-4	Dry	4/27/2021 9:00:00 AM	5/27/2021 2:36:00 AM	Diethyl phthalate	n/a	<	0.15	µg/L	EPA 625.1	0.15	1	WKL	
MO-FIL	2020/21-4	Dry	4/27/2021 9:00:00 AM	5/27/2021 2:36:00 AM	Dimethyl phthalate	n/a	<	0.18	µg/L	EPA 625.1	0.18	1	WKL	
MO-FIL	2020/21-4	Dry	4/27/2021 9:00:00 AM	5/27/2021 2:36:00 AM	Di-n-butylphthalate	n/a	DNQ	0.13	µg/L	EPA 625.1	0.1	1	WKL	
MO-FIL	2020/21-4	Dry	4/27/2021 9:00:00 AM	5/27/2021 2:36:00 AM	Di-n-octylphthalate	n/a	<	0.46	µg/L	EPA 625.1	0.46	1	WKL	
MO-FIL	2020/21-4	Dry	4/27/2021 9:00:00 AM	5/27/2021 2:36:00 AM	Fluoranthene	n/a	<	0.08	µg/L	EPA 625.1	0.08	1	WKL	
MO-FIL	2020/21-4	Dry	4/27/2021 9:00:00 AM	5/5/2021 4:33:00 AM	Fluoranthene	n/a	<	0.039	µg/L	EPA 8270C	0.039	0.1	WKL	
MO-FIL	2020/21-4	Dry	4/27/2021 9:00:00 AM	5/27/2021 2:36:00 AM	Fluorene	n/a	<	0.35	µg/L	EPA 625.1	0.35	1	WKL	
MO-FIL	2020/21-4	Dry	4/27/2021 9:00:00 AM	5/5/2021 4:33:00 AM	Fluorene	n/a	<	0.029	µg/L	EPA 8270C	0.029	0.1	WKL	
MO-FIL	2020/21-4	Dry	4/27/2021 9:00:00 AM	5/27/2021 2:36:00 AM	Hexachlorobenzene	n/a	<	0.49	µg/L	EPA 625.1	0.49	1	WKL	
MO-FIL	2020/21-4	Dry	4/27/2021 9:00:00 AM	5/27/2021 2:36:00 AM	Hexachlorobutadiene	n/a	<	0.47	µg/L	EPA 625.1	0.47	1	WKL	
MO-FIL	2020/21-4	Dry	4/27/2021 9:00:00 AM	5/27/2021 2:36:00 AM	Hexachlorocyclopentadiene	n/a	<	0.98	µg/L	EPA 625.1	0.98	5	WKL	
MO-FIL	2020/21-4	Dry	4/27/2021 9:00:00 AM	5/27/2021 2:36:00 AM	Hexachloroethane	n/a	<	0.5	µg/L	EPA 625.1	0.5	1	WKL	
MO-FIL	2020/21-4	Dry	4/27/2021 9:00:00 AM	5/5/2021 4:33:00 AM	Indeno(1,2,3-cd)pyrene	n/a	<	0.065	µg/L	EPA 8270C	0.065	0.1	WKL	
MO-FIL	2020/21-4	Dry	4/27/2021 9:00:00 AM	5/27/2021 2:36:00 AM	Indeno(1,2,3-cd)pyrene	n/a	<	0.55	µg/L	EPA 625.1	0.55	2	WKL	
MO-FIL	2020/21-4	Dry	4/27/2021 9:00:00 AM	5/27/2021 2:36:00 AM	Isophorone	n/a	<	0.21	µg/L	EPA 625.1	0.21	1	WKL	
MO-FIL	2020/21-4	Dry	4/27/2021 9:00:00 AM	5/5/2021 4:33:00 AM	Naphthalene	n/a	<	0.026	µg/L	EPA 8270C	0.026	0.1	WKL	
MO-FIL	2020/21-4	Dry	4/27/2021 9:00:00 AM	5/27/2021 2:36:00 AM	Naphthalene	n/a	<	0.49	µg/L	EPA 625.1	0.49	1	WKL	
MO-FIL	2020/21-4	Dry	4/27/2021 9:00:00 AM	5/27/2021 2:36:00 AM	Nitrobenzene	n/a	<	0.36	µg/L	EPA 625.1	0.36	1	WKL	
MO-FIL	2020/21-4	Dry	4/27/2021 9:00:00 AM	5/27/2021 2:36:00 AM	N-Nitrosodimethylamine	n/a	<	0.5	µg/L	EPA 625.1	0.5	1	WKL	
MO-FIL	2020/21-4	Dry	4/27/2021 9:00:00 AM	5/27/2021 2:36:00 AM	N-Nitrosodi-N-propylamine	n/a	<	0.26	µg/L	EPA 625.1	0.26	1	WKL	
MO-FIL	2020/21-4	Dry	4/27/2021 9:00:00 AM	5/27/2021 2:36:00 AM	N-Nitrosodiphenylamine	n/a	<	0.19	µg/L	EPA 625.1	0.19	1	WKL	
MO-FIL	2020/21-4	Dry	4/27/2021 9:00:00 AM	5/5/2021 4:33:00 AM	Phenanthrene	n/a	<	0.029	µg/L	EPA 8270C	0.029	0.1	WKL	
MO-FIL	2020/21-4	Dry	4/27/2021 9:00:00 AM	5/27/2021 2:36:00 AM	Phenanthrene	n/a	<	0.32	µg/L	EPA 625.1	0.32	1	WKL	
MO-FIL	2020/21-4	Dry	4/27/2021 9:00:00 AM	5/24/2021 9:48:00 PM	Phenol	n/a	<	0.35	µg/L	EPA 8270C	0.35	1	WKL	
MO-FIL	2020/21-4	Dry	4/27/2021 9:00:00 AM	5/27/2021 2:36:00 AM	Phenol	n/a	<	0.16	µg/L	EPA 625.1	0.16	1	WKL	
MO-FIL	2020/21-4	Dry	4/27/2021 9:00:00 AM	5/5/2021 4:33:00 AM	Pyrene	n/a	<	0.04	µg/L	EPA 8270C	0.04	0.1	WKL	
MO-FIL	2020/21-4	Dry	4/27/2021 9:00:00 AM	5/27/2021 2:36:00 AM	Pyrene	n/a	<	0.25	µg/L	EPA 625.1	0.25	1	WKL	
MO-FIL	2020/21-4	Dry	4/27/2021 9:00:00 AM	5/8/2021 7:25:00 AM	PCB Aroclor 1016	n/a	<	0.5	µg/L	EPA 608.3	0.5	2.5	WKL	
MO-FIL	2020/21-4	Dry	4/27/2021 9:00:00 AM	5/8/2021 7:25:00 AM	PCB Aroclor 1221	n/a	<	0.5	µg/L	EPA 608.3	0.5	2.5	WKL	
MO-FIL	2020/21-4	Dry	4/27/2021 9:00:00 AM	5/8/2021 7:25:00 AM	PCB Aroclor 1232	n/a	<	0.5	µg/L	EPA 608.3	0.5	2.5	WKL	
MO-FIL	2020/21-4	Dry	4/27/2021 9:00:00 AM	5/8/2021 7:25:00 AM	PCB Aroclor 1242	n/a	<	0.5	µg/L	EPA 608.3	0.5	2.5	WKL	
MO-FIL	2020/21-4	Dry	4/27/2021 9:00:00 AM	5/8/2021 7:25:00 AM	PCB Aroclor 1248	n/a	<	0.5	µg/L	EPA 608.3	0.5	2.5	WKL	
MO-FIL	2020/21-4	Dry	4/27/2021 9:00:00 AM	5/8/2021 7:25:00 AM	PCB Aroclor 1254	n/a	<	0.5	µg/L	EPA 608.3	0.5	2.5	WKL	
MO-FIL	2020/21-4	Dry	4/27/2021 9:00:00 AM	5/8/2021 7:25:00 AM	PCB Aroclor 1260	n/a	<	0.5	µg/L	EPA 608.3	0.5	2.5	WKL	
MO-FIL	2020/21-4	Dry	4/27/2021 9:00:00 AM	5/5/2021 8:25:00 AM	2,4,5-T	n/a	<	0.28	µg/L	EPA 515.4	0.28	1	WKL	
MO-FIL	2020/21-4	Dry	4/27/2021 9:00:00 AM	5/5/2021 8:25:00 AM	2,4,5-TP	n/a	<	0.23	µg/L	EPA 515.4	0.23	1	WKL	
MO-FIL	2020/21-4	Dry	4/27/2021 9:00:00 AM	5/5/2021 8:25:00 AM	2,4-D	n/a	<	0.7	µg/L	EPA 515.4	0.7	2	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-FIL	2020/21-4	Dry	4/27/2021 9:00:00 AM	5/5/2021 8:25:00 AM	2,4-DB	n/a	<	0.95	µg/L	EPA 515.4	0.95	10	WKL	
MO-FIL	2020/21-4	Dry	4/27/2021 9:00:00 AM	5/5/2021 8:25:00 AM	3,5-Dichlorobenzoic acid	n/a	<	0.6	µg/L	EPA 515.4	0.6	5	WKL	
MO-FIL	2020/21-4	Dry	4/27/2021 9:00:00 AM	5/8/2021 7:25:00 AM	4,4'-DDD	n/a	<	0.0035	µg/L	EPA 608.3	0.0035	0.25	WKL	
MO-FIL	2020/21-4	Dry	4/27/2021 9:00:00 AM	5/8/2021 7:25:00 AM	4,4'-DDE	n/a	<	0.0035	µg/L	EPA 608.3	0.0035	0.25	WKL	
MO-FIL	2020/21-4	Dry	4/27/2021 9:00:00 AM	5/8/2021 7:25:00 AM	4,4'-DDT	n/a	<	0.0055	µg/L	EPA 608.3	0.0055	0.05	WKL	
MO-FIL	2020/21-4	Dry	4/27/2021 9:00:00 AM	5/5/2021 8:25:00 AM	Acifluorfen	n/a	<	0.36	µg/L	EPA 515.4	0.36	2	WKL	
MO-FIL	2020/21-4	Dry	4/27/2021 9:00:00 AM	5/13/2021 11:40:00 PM	Alachlor	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1	WKL	
MO-FIL	2020/21-4	Dry	4/27/2021 9:00:00 AM	5/8/2021 7:25:00 AM	Aldrin	n/a	<	0.005	µg/L	EPA 608.3	0.005	0.025	WKL	
MO-FIL	2020/21-4	Dry	4/27/2021 9:00:00 AM	5/8/2021 7:25:00 AM	alpha-BHC	n/a	<	0.0055	µg/L	EPA 608.3	0.0055	0.05	WKL	
MO-FIL	2020/21-4	Dry	4/27/2021 9:00:00 AM	5/8/2021 7:25:00 AM	alpha-Chlordane	n/a	<	0.014	µg/L	EPA 608.3	0.014	0.05	WKL	
MO-FIL	2020/21-4	Dry	4/27/2021 9:00:00 AM	5/13/2021 11:40:00 PM	Atrazine	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1	WKL	
MO-FIL	2020/21-4	Dry	4/27/2021 9:00:00 AM	5/3/2021 8:50:00 PM	Azinphos methyl	n/a	<	0.0055	µg/L	EPA 625.1m	0.0055	0.01	WKL	
MO-FIL	2020/21-4	Dry	4/27/2021 9:00:00 AM	5/5/2021 8:25:00 AM	Bentazon	n/a	<	1.2	µg/L	EPA 515.4	1.2	10	WKL	
MO-FIL	2020/21-4	Dry	4/27/2021 9:00:00 AM	5/8/2021 7:25:00 AM	beta-BHC	n/a	<	0.0075	µg/L	EPA 608.3	0.0075	0.025	WKL	
MO-FIL	2020/21-4	Dry	4/27/2021 9:00:00 AM	5/3/2021 8:50:00 PM	Bolstar	n/a	<	0.0046	µg/L	EPA 625.1m	0.0046	0.01	WKL	
MO-FIL	2020/21-4	Dry	4/27/2021 9:00:00 AM	5/13/2021 11:40:00 PM	Bromacil	n/a	<	0.16	µg/L	EPA 525.2	0.16	0.5	WKL	
MO-FIL	2020/21-4	Dry	4/27/2021 9:00:00 AM	5/13/2021 11:40:00 PM	Butachlor	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1	WKL	
MO-FIL	2020/21-4	Dry	4/27/2021 9:00:00 AM	5/13/2021 11:40:00 PM	Captan	n/a	<	0.16	µg/L	EPA 525.2	0.16	1	WKL	
MO-FIL	2020/21-4	Dry	4/27/2021 9:00:00 AM	5/8/2021 7:25:00 AM	Chlordane (technical)	n/a	<	0.22	µg/L	EPA 608.3	0.22	0.5	WKL	
MO-FIL	2020/21-4	Dry	4/27/2021 9:00:00 AM	5/13/2021 11:40:00 PM	Chlorpropham	n/a	<	0.04	µg/L	EPA 525.2	0.04	0.1	WKL	
MO-FIL	2020/21-4	Dry	4/27/2021 9:00:00 AM	5/3/2021 8:50:00 PM	Chlorpyrifos	n/a	<	0.0069	µg/L	EPA 625.1m	0.0069	0.01	WKL	
MO-FIL	2020/21-4	Dry	4/27/2021 9:00:00 AM	5/3/2021 8:50:00 PM	Coumaphos	n/a	<	0.0051	µg/L	EPA 625.1m	0.0051	0.01	WKL	
MO-FIL	2020/21-4	Dry	4/27/2021 9:00:00 AM	5/13/2021 11:40:00 PM	Cyanazine	n/a	<	0.04	µg/L	EPA 525.2	0.04	0.1	WKL	
MO-FIL	2020/21-4	Dry	4/27/2021 9:00:00 AM	5/5/2021 8:25:00 AM	Dalapon	n/a	<	0.55	µg/L	EPA 515.4	0.55	2	WKL	
MO-FIL	2020/21-4	Dry	4/27/2021 9:00:00 AM	5/5/2021 8:25:00 AM	DCPA (Daacthal)	n/a	<	0.26	µg/L	EPA 515.4	0.26	0.5	WKL	
MO-FIL	2020/21-4	Dry	4/27/2021 9:00:00 AM	5/8/2021 7:25:00 AM	delta-BHC	n/a	<	0.0095	µg/L	EPA 608.3	0.0095	0.025	WKL	
MO-FIL	2020/21-4	Dry	4/27/2021 9:00:00 AM	5/3/2021 8:50:00 PM	Demeton-O	n/a	<	0.01	µg/L	EPA 625.1m	0.01	0.01	WKL	
MO-FIL	2020/21-4	Dry	4/27/2021 9:00:00 AM	5/3/2021 8:50:00 PM	Demeton-S	n/a	<	0.01	µg/L	EPA 625.1m	0.01	0.01	WKL	
MO-FIL	2020/21-4	Dry	4/27/2021 9:00:00 AM	5/13/2021 11:40:00 PM	Diazinon	n/a	<	0.05	µg/L	EPA 525.2	0.05	0.1	WKL	
MO-FIL	2020/21-4	Dry	4/27/2021 9:00:00 AM	5/3/2021 8:50:00 AM	Diazinon	n/a	<	0.0052	µg/L	EPA 625.1m	0.0052	0.01	WKL	
MO-FIL	2020/21-4	Dry	4/27/2021 9:00:00 AM	5/5/2021 8:25:00 AM	Dicamba	n/a	<	0.38	µg/L	EPA 515.4	0.38	3	WKL	
MO-FIL	2020/21-4	Dry	4/27/2021 9:00:00 AM	5/5/2021 8:25:00 AM	Dichlorprop	n/a	<	0.6	µg/L	EPA 515.4	0.6	1.5	WKL	
MO-FIL	2020/21-4	Dry	4/27/2021 9:00:00 AM	5/3/2021 8:50:00 PM	Dichlorvos	n/a	<	0.0029	µg/L	EPA 625.1m	0.0029	0.01	WKL	
MO-FIL	2020/21-4	Dry	4/27/2021 9:00:00 AM	5/8/2021 7:25:00 AM	Dieldrin	n/a	<	0.004	µg/L	EPA 608.3	0.004	0.05	WKL	
MO-FIL	2020/21-4	Dry	4/27/2021 9:00:00 AM	5/3/2021 8:50:00 PM	Dimethoate	n/a	<	0.0062	µg/L	EPA 625.1m	0.0062	0.01	WKL	
MO-FIL	2020/21-4	Dry	4/27/2021 9:00:00 AM	5/13/2021 11:40:00 PM	Dimethoate	n/a	<	0.02	µg/L	EPA 525.2	0.02	0.2	WKL	
MO-FIL	2020/21-4	Dry	4/27/2021 9:00:00 AM	5/5/2021 8:25:00 AM	Dinoseb	n/a	<	0.28	µg/L	EPA 515.4	0.28	2	WKL	
MO-FIL	2020/21-4	Dry	4/27/2021 9:00:00 AM	5/13/2021 11:40:00 PM	Diphenamid	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1	WKL	
MO-FIL	2020/21-4	Dry	4/27/2021 9:00:00 AM	5/13/2021 11:40:00 PM	Disulfoton	n/a	<	0.04	µg/L	EPA 525.2	0.04	0.1	WKL	
MO-FIL	2020/21-4	Dry	4/27/2021 9:00:00 AM	5/3/2021 8:50:00 PM	Disulfoton	n/a	<	0.01	µg/L	EPA 625.1m	0.01	0.01	WKL	
MO-FIL	2020/21-4	Dry	4/27/2021 9:00:00 AM	5/8/2021 7:25:00 AM	Endosulfan I	n/a	<	0.0045	µg/L	EPA 608.3	0.0045	0.1	WKL	
MO-FIL	2020/21-4	Dry	4/27/2021 9:00:00 AM	5/8/2021 7:25:00 AM	Endosulfan II	n/a	<	0.0035	µg/L	EPA 608.3	0.0035	0.05	WKL	
MO-FIL	2020/21-4	Dry	4/27/2021 9:00:00 AM	5/8/2021 7:25:00 AM	Endosulfan sulfate	n/a	<	0.0065	µg/L	EPA 608.3	0.0065	0.25	WKL	
MO-FIL	2020/21-4	Dry	4/27/2021 9:00:00 AM	5/8/2021 7:25:00 AM	Endrin	n/a	<	0.0085	µg/L	EPA 608.3	0.0085	0.05	WKL	
MO-FIL	2020/21-4	Dry	4/27/2021 9:00:00 AM	5/8/2021 7:25:00 AM	Endrin aldehyde	n/a	<	0.0095	µg/L	EPA 608.3	0.0095	0.05	WKL	
MO-FIL	2020/21-4	Dry	4/27/2021 9:00:00 AM	5/13/2021 11:40:00 PM	EPTC	n/a	<	0.02	µg/L	EPA 525.2	0.02	0.1	WKL	
MO-FIL	2020/21-4	Dry	4/27/2021 9:00:00 AM	5/3/2021 8:50:00 PM	Ethoprop	n/a	<	0.0067	µg/L	EPA 625.1m	0.0067	0.01	WKL	
MO-FIL	2020/21-4	Dry	4/27/2021 9:00:00 AM	5/3/2021 8:50:00 PM	Ethyl parathion	n/a	<	0.0054	µg/L	EPA 625.1m	0.0054	0.01	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-FIL	2020/21-4	Dry	4/27/2021 9:00:00 AM	5/3/2021 8:50:00 PM	Fensulfothion	n/a	<	0.0029	µg/L	EPA 625.1m	0.0029	0.01	WKL	
MO-FIL	2020/21-4	Dry	4/27/2021 9:00:00 AM	5/3/2021 8:50:00 PM	Fenthion	n/a	<	0.0038	µg/L	EPA 625.1m	0.0038	0.01	WKL	
MO-FIL	2020/21-4	Dry	4/27/2021 9:00:00 AM	5/8/2021 7:25:00 AM	gamma-BHC (Lindane)	n/a	<	0.002	µg/L	EPA 608.3	0.002	0.1	WKL	
MO-FIL	2020/21-4	Dry	4/27/2021 9:00:00 AM	5/8/2021 7:25:00 AM	gamma-Chlordane	n/a	<	0.012	µg/L	EPA 608.3	0.012	0.05	WKL	
MO-FIL	2020/21-4	Dry	4/27/2021 9:00:00 AM	5/4/2021 10:11:00 AM	Glyphosate	n/a	=	7.5	µg/L	EPA 547	1.8	5	WKL	
MO-FIL	2020/21-4	Dry	4/27/2021 9:00:00 AM	5/8/2021 7:25:00 AM	Heptachlor	n/a	<	0.003	µg/L	EPA 608.3	0.003	0.05	WKL	
MO-FIL	2020/21-4	Dry	4/27/2021 9:00:00 AM	5/8/2021 7:25:00 AM	Heptachlor epoxide	n/a	<	0.002	µg/L	EPA 608.3	0.002	0.05	WKL	
MO-FIL	2020/21-4	Dry	4/27/2021 9:00:00 AM	5/3/2021 8:50:00 PM	Malathion	n/a	<	0.0076	µg/L	EPA 625.1m	0.0076	0.01	WKL	
MO-FIL	2020/21-4	Dry	4/27/2021 9:00:00 AM	5/3/2021 8:50:00 PM	Merphos	n/a	<	0.0058	µg/L	EPA 625.1m	0.0058	0.01	WKL	
MO-FIL	2020/21-4	Dry	4/27/2021 9:00:00 AM	5/3/2021 8:50:00 PM	Methyl parathion	n/a	<	0.0063	µg/L	EPA 625.1m	0.0063	0.01	WKL	
MO-FIL	2020/21-4	Dry	4/27/2021 9:00:00 AM	5/13/2021 11:40:00 PM	Metolachlor	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1	WKL	
MO-FIL	2020/21-4	Dry	4/27/2021 9:00:00 AM	5/13/2021 11:40:00 PM	Metribuzin	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1	WKL	
MO-FIL	2020/21-4	Dry	4/27/2021 9:00:00 AM	5/3/2021 8:50:00 PM	Mevinphos	n/a	<	0.0042	µg/L	EPA 625.1m	0.0042	0.01	WKL	
MO-FIL	2020/21-4	Dry	4/27/2021 9:00:00 AM	5/13/2021 11:40:00 PM	Molinate	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1	WKL	
MO-FIL	2020/21-4	Dry	4/27/2021 9:00:00 AM	5/3/2021 8:50:00 PM	Naled	n/a	<	0.0076	µg/L	EPA 625.1m	0.0076	0.01	WKL	
MO-FIL	2020/21-4	Dry	4/27/2021 9:00:00 AM	5/5/2021 8:25:00 AM	Pentachlorophenol	n/a	<	0.23	µg/L	EPA 515.4	0.23	1	WKL	
MO-FIL	2020/21-4	Dry	4/27/2021 9:00:00 AM	5/24/2021 9:48:00 PM	Pentachlorophenol	n/a	<	0.15	µg/L	EPA 8270C	0.15	1	WKL	
MO-FIL	2020/21-4	Dry	4/27/2021 9:00:00 AM	5/27/2021 9:00:00 AM	Pentachlorophenol	n/a	<	0.4	µg/L	EPA 625.1	0.4	1	WKL	
MO-FIL	2020/21-4	Dry	4/27/2021 9:00:00 AM	5/3/2021 8:50:00 PM	Phorate	n/a	<	0.003	µg/L	EPA 625.1m	0.003	0.01	WKL	
MO-FIL	2020/21-4	Dry	4/27/2021 9:00:00 AM	5/5/2021 8:25:00 AM	Picloram	n/a	<	0.19	µg/L	EPA 515.4	0.19	3	WKL	
MO-FIL	2020/21-4	Dry	4/27/2021 9:00:00 AM	5/13/2021 11:40:00 PM	Prometon	n/a	<	0.01	µg/L	EPA 525.2	0.01	0.1	WKL	
MO-FIL	2020/21-4	Dry	4/27/2021 9:00:00 AM	5/13/2021 11:40:00 PM	Prometryn	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1	WKL	
MO-FIL	2020/21-4	Dry	4/27/2021 9:00:00 AM	5/3/2021 8:50:00 PM	Ronnel (Fenclorophos)	n/a	<	0.0041	µg/L	EPA 625.1m	0.0041	0.01	WKL	
MO-FIL	2020/21-4	Dry	4/27/2021 9:00:00 AM	5/13/2021 11:40:00 PM	Simazine	n/a	<	0.02	µg/L	EPA 525.2	0.02	0.1	WKL	
MO-FIL	2020/21-4	Dry	4/27/2021 9:00:00 AM	5/3/2021 8:50:00 PM	Stirophos (Tetrachlorvinphos)	n/a	<	0.0031	µg/L	EPA 625.1m	0.0031	0.01	WKL	
MO-FIL	2020/21-4	Dry	4/27/2021 9:00:00 AM	5/13/2021 11:40:00 PM	Terbacil	n/a	<	0.09	µg/L	EPA 525.2	0.09	2	WKL	
MO-FIL	2020/21-4	Dry	4/27/2021 9:00:00 AM	5/13/2021 11:40:00 PM	Thiobencarb	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1	WKL	
MO-FIL	2020/21-4	Dry	4/27/2021 9:00:00 AM	5/3/2021 8:50:00 PM	Tokuthion	n/a	<	0.0078	µg/L	EPA 625.1m	0.0078	0.01	WKL	
MO-FIL	2020/21-4	Dry	4/27/2021 9:00:00 AM	5/8/2021 7:25:00 AM	Toxaphene	n/a	<	1.2	µg/L	EPA 608.3	1.2	2.5	WKL	
MO-FIL	2020/21-4	Dry	4/27/2021 9:00:00 AM	5/3/2021 8:50:00 AM	Trichloronate	n/a	<	0.0067	µg/L	EPA 625.1m	0.0067	0.01	WKL	
MO-FIL	2020/21-4	Dry	4/27/2021 9:00:00 AM	5/13/2021 11:40:00 PM	Trithion	n/a	<	0.02	µg/L	EPA 525.2	0.02	0.1	WKL	
MO-FIL	2021-DRY	Dry	8/10/2021 9:30:00 AM	8/11/2021 12:01:00 PM	E. Coli	n/a	=	199	MPN/100 mL	MMO-MUG	10	10	FGL	
MO-FIL	2021-DRY	Dry	8/10/2021 9:30:00 AM	8/11/2021 12:01:00 PM	Total Coliform	n/a	=	15531	MPN/100 mL	MMO-MUG	10	10	FGL	
MO-FIL	2021-DRY	Dry	8/10/2021 9:30:00 AM	8/23/2021 5:28:00 PM	Calcium	Total	=	203	mg/L	EPA 200.7	0.16	0.5	WKL	
MO-FIL	2021-DRY	Dry	8/10/2021 9:30:00 AM	8/23/2021 5:28:00 PM	Magnesium	Total	=	60.9	mg/L	EPA 200.7	0.039	0.5	WKL	
MO-FIL	2021-DRY	Dry	8/10/2021 9:30:00 AM	8/10/2021 9:30:00 AM	Conductivity	n/a	=	1721	µmhos/cm	Field Meter	-88	1	Field Crew	
MO-FIL	2021-DRY	Dry	8/10/2021 9:30:00 AM	8/10/2021 9:30:00 AM	Discharge	n/a	=	0.02	cfs	Field Estimate	-88	-88	Field Crew	EST
MO-FIL	2021-DRY	Dry	8/10/2021 9:30:00 AM	8/10/2021 9:30:00 AM	DO	n/a	=	130.7	%	Field Meter	-88	0.1	Field Crew	
MO-FIL	2021-DRY	Dry	8/10/2021 9:30:00 AM	8/10/2021 9:30:00 AM	DO	n/a	=	11.77	mg/L	Field Meter	-88	0.3	Field Crew	
MO-FIL	2021-DRY	Dry	8/10/2021 9:30:00 AM	8/23/2021 5:28:00 PM	Hardness as CaCO3	Total	=	758	mg/L	EPA 200.7	0.56	3.31	WKL	
MO-FIL	2021-DRY	Dry	8/10/2021 9:30:00 AM	8/10/2021 9:30:00 AM	pH	n/a	=	8.29	pH Units	Field Meter	-88	0.01	Field Crew	
MO-FIL	2021-DRY	Dry	8/10/2021 9:30:00 AM	8/10/2021 9:30:00 AM	Salinity	n/a	=	900	mg/L	Field Meter	-88	100	Field Crew	
MO-FIL	2021-DRY	Dry	8/10/2021 9:30:00 AM	8/10/2021 9:30:00 AM	Specific Conductance	n/a	=	1826	µmhos/cm	Field Meter	-88	1	Field Crew	
MO-FIL	2021-DRY	Dry	8/10/2021 9:30:00 AM	8/10/2021 9:30:00 AM	Temperature	n/a	=	21.9	°C	Field Meter	-88	0.1	Field Crew	
MO-FIL	2021-DRY	Dry	8/10/2021 9:30:00 AM	9/2/2021 7:08:00 PM	Total Organic Carbon	n/a	=	5	mg/L	SM 5310 B	0.19	0.3	WKL	
MO-FIL	2021-DRY	Dry	8/10/2021 9:30:00 AM	8/10/2021 9:30:00 AM	Turbidity	n/a	=	3.09	NTU	Field Meter	-88	0.01	Field Crew	
MO-FIL	2021-DRY	Dry	8/10/2021 9:30:00 AM	8/26/2021 6:14:00 PM	Copper	Dissolved	=	6.2	µg/L	EPA 200.8	0.23	0.5	WKL	
MO-FIL	2021-DRY	Dry	8/10/2021 9:30:00 AM	8/26/2021 6:14:00 PM	Lead	Dissolved	<	0.083	µg/L	EPA 200.8	0.083	0.2	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-FIL	2021-DRY	Dry	8/10/2021 9:30:00 AM	8/26/2021 6:14:00 PM	Zinc	Dissolved	DNQ	5.5	µg/L	EPA 200.8	0.8	10	WKL	UL-MB
MO-HUE	2020/21-1	Wet	12/28/2020 7:15:00 AM	12/29/2020 11:58:00 AM	E. Coli	n/a	=	15531	MPN/100 mL	MMO-MUG	10	10	VCHCA	
MO-HUE	2020/21-1	Wet	12/28/2020 7:15:00 AM	12/29/2020 11:58:00 AM	Total Coliform	n/a	=	2030	MPN/100 mL	MMO-MUG	100	100	VCHCA	
MO-HUE	2020/21-1	Wet	12/28/2020 7:15:00 AM	12/28/2020 7:15:00 AM	Conductivity	n/a	=	952	µmhos/cm	Field Meter	-88	1	Field Crew	
MO-HUE	2020/21-1	Wet	12/28/2020 7:15:00 AM	1/5/2021 3:59:00 PM	Cyanide	Total	=	0.011	mg/L	ASTM D7511	0.0003	0.002	WKL	
MO-HUE	2020/21-1	Wet	12/28/2020 7:15:00 AM	12/28/2020 7:15:00 AM	DO	n/a	=	58.4	%	Field Meter	-88	0.1	Field Crew	
MO-HUE	2020/21-1	Wet	12/28/2020 7:15:00 AM	12/28/2020 7:15:00 AM	DO	n/a	=	6.4	mg/L	Field Meter	-88	0.3	Field Crew	
MO-HUE	2020/21-1	Wet	12/28/2020 7:15:00 AM	12/28/2020 7:15:00 AM	pH	n/a	=	7.25	pH Units	Field Meter	-88	0.01	Field Crew	
MO-HUE	2020/21-1	Wet	12/28/2020 7:15:00 AM	12/28/2020 7:15:00 AM	Salinity	n/a	=	600	mg/L	Field Meter	-88	100	Field Crew	
MO-HUE	2020/21-1	Wet	12/28/2020 7:15:00 AM	12/28/2020 7:15:00 AM	Specific Conductance	n/a	=	1278	µmhos/cm	Field Meter	-88	1	Field Crew	
MO-HUE	2020/21-1	Wet	12/28/2020 7:15:00 AM	12/28/2020 7:15:00 AM	Temperature	n/a	=	12.1	°C	Field Meter	-88	0.1	Field Crew	
MO-HUE	2020/21-1	Wet	12/28/2020 7:15:00 AM	1/3/2021 10:58:00 PM	Gasoline Range Organics	n/a	<	0.065	mg/L	LUFT GC/MS	0.065	0.1	WKL	
MO-HUE	2020/21-1	Wet	12/28/2020 7:15:00 AM	1/8/2021 6:25:00 PM	Oil and Grease	n/a	DNQ	0.8	mg/L	EPA 1664B	0.7	5	WKL	
MO-HUE	2020/21-1	Wet	12/28/2020 7:15:00 AM	12/30/2020 12:58:00 PM	2-Chloroethyl vinyl ether	n/a	<	0.19	µg/L	EPA 624.1	0.19	1	WKL	
MO-HUE	2020/21-1	Wet	12/28/2020 7:15:00 AM	12/30/2020 12:58:00 PM	Methyl tert-butyl ether (MTBE)	n/a	<	0.4	µg/L	EPA 624.1	0.4	1	WKL	
MO-HUE	2020/21-1	Wet	12/28/2020 11:22:00 AM	12/30/2020 6:03:00 AM	Chloride	n/a	=	1100	mg/L	EPA 300.0	0.85	5	WKL	
MO-HUE	2020/21-1	Wet	12/28/2020 11:22:00 AM	12/30/2020 6:03:00 AM	Fluoride	n/a	DNQ	0.41	mg/L	EPA 300.0	0.09	1	WKL	
MO-HUE	2020/21-1	Wet	12/28/2020 11:22:00 AM	12/31/2020 2:32:00 AM	Perchlorate	n/a	=	38	µg/L	EPA 314.0	8.4	20	WKL	
MO-HUE	2020/21-1	Wet	12/28/2020 11:22:00 AM	1/5/2021 6:56:00 PM	Calcium	Total	=	120	mg/L	EPA 200.7	0.016	0.1	WKL	
MO-HUE	2020/21-1	Wet	12/28/2020 11:22:00 AM	1/5/2021 6:56:00 PM	Magnesium	Total	=	98	mg/L	EPA 200.7	0.012	0.1	WKL	
MO-HUE	2020/21-1	Wet	12/28/2020 11:22:00 AM	1/4/2021 1:43:00 PM	Alkalinity as CaCO3	n/a	=	170	mg/L	SM 2320 B	0.56	5	WKL	
MO-HUE	2020/21-1	Wet	12/28/2020 11:22:00 AM	1/3/2021 12:40:00 PM	BOD	n/a	=	39	mg/L	SM 5210 B	2	2	WKL	
MO-HUE	2020/21-1	Wet	12/28/2020 11:22:00 AM	12/30/2020 12:43:00 PM	COD	n/a	=	120	mg/L	EPA 410.4	2.9	5	WKL	
MO-HUE	2020/21-1	Wet	12/28/2020 11:22:00 AM	1/5/2021 6:56:00 PM	Hardness as CaCO3	Total	=	704	mg/L	EPA 200.7	0.0894	0.662	WKL	
MO-HUE	2020/21-1	Wet	12/28/2020 11:22:00 AM	12/29/2020 3:25:00 PM	MBAS	n/a	=	0.24	mg/L	SM 5540 C	0.017	0.05	WKL	
MO-HUE	2020/21-1	Wet	12/28/2020 11:22:00 AM	1/8/2021 11:45:00 AM	Phenolics	n/a	DNQ	0.0083	mg/L	EPA 420.4	0.0032	0.01	WKL	
MO-HUE	2020/21-1	Wet	12/28/2020 11:22:00 AM	1/5/2021 12:58:00 PM	Specific Conductance	n/a	=	4800	µmhos/cm	SM 2510 B	1.2	10	WKL	
MO-HUE	2020/21-1	Wet	12/28/2020 11:22:00 AM	12/30/2020 6:44:00 PM	Total Dissolved Solids	n/a	=	2700	mg/L	SM 2540 C	4	10	WKL	
MO-HUE	2020/21-1	Wet	12/28/2020 11:22:00 AM	12/30/2020 2:24:00 PM	Total Organic Carbon	n/a	=	34	mg/L	SM 5310 B	0.096	0.3	WKL	
MO-HUE	2020/21-1	Wet	12/28/2020 11:22:00 AM	12/30/2020 12:43:00 PM	Total Suspended Solids	n/a	=	87	mg/L	SM 2540 D	-88	5	WKL	
MO-HUE	2020/21-1	Wet	12/28/2020 11:22:00 AM	12/29/2020 3:38:00 PM	Turbidity	n/a	=	19	NTU	EPA 180.1	0.017	0.1	WKL	
MO-HUE	2020/21-1	Wet	12/28/2020 11:22:00 AM	12/30/2020 12:43:00 PM	Volatile Suspended Solids	n/a	=	26	mg/L	EPA 160.4	3.1	5	WKL	
MO-HUE	2020/21-1	Wet	12/28/2020 11:22:00 AM	1/12/2021 2:24:00 AM	Diesel Range Organics	n/a	=	0.63	mg/L	EPA 8015B	0.032	0.1	WKL	
MO-HUE	2020/21-1	Wet	12/28/2020 11:22:00 AM	1/12/2021 2:24:00 AM	Oil Range Organics	n/a	DNQ	0.43	mg/L	EPA 8015B	0.33	0.5	WKL	
MO-HUE	2020/21-1	Wet	12/28/2020 11:22:00 AM	1/4/2021 2:00:00 PM	Aluminum	Dissolved	DNQ	11	µg/L	EPA 200.8	4.4	20	WKL	
MO-HUE	2020/21-1	Wet	12/28/2020 11:22:00 AM	1/4/2021 2:03:00 PM	Aluminum	Total	=	1100	µg/L	EPA 200.8	4.4	20	WKL	
MO-HUE	2020/21-1	Wet	12/28/2020 11:22:00 AM	1/4/2021 2:00:00 PM	Antimony	Dissolved	=	0.88	µg/L	EPA 200.8	0.089	0.5	WKL	
MO-HUE	2020/21-1	Wet	12/28/2020 11:22:00 AM	1/4/2021 2:03:00 PM	Antimony	Total	=	1.5	µg/L	EPA 200.8	0.089	0.5	WKL	
MO-HUE	2020/21-1	Wet	12/28/2020 11:22:00 AM	1/4/2021 2:00:00 PM	Arsenic	Dissolved	=	0.97	µg/L	EPA 200.8	0.074	0.4	WKL	
MO-HUE	2020/21-1	Wet	12/28/2020 11:22:00 AM	1/4/2021 2:03:00 PM	Arsenic	Total	=	2.2	µg/L	EPA 200.8	0.074	0.4	WKL	
MO-HUE	2020/21-1	Wet	12/28/2020 11:22:00 AM	1/4/2021 2:03:00 PM	Barium	Total	=	61	µg/L	EPA 200.8	0.14	1	WKL	
MO-HUE	2020/21-1	Wet	12/28/2020 11:22:00 AM	1/4/2021 2:00:00 PM	Beryllium	Dissolved	<	0.062	µg/L	EPA 200.8	0.062	0.1	WKL	
MO-HUE	2020/21-1	Wet	12/28/2020 11:22:00 AM	1/4/2021 2:03:00 PM	Beryllium	Total	DNQ	0.087	µg/L	EPA 200.8	0.062	0.1	WKL	
MO-HUE	2020/21-1	Wet	12/28/2020 11:22:00 AM	1/4/2021 2:00:00 PM	Cadmium	Dissolved	DNQ	0.042	µg/L	EPA 200.8	0.042	0.2	WKL	
MO-HUE	2020/21-1	Wet	12/28/2020 11:22:00 AM	1/4/2021 2:03:00 PM	Cadmium	Total	=	0.26	µg/L	EPA 200.8	0.042	0.2	WKL	
MO-HUE	2020/21-1	Wet	12/28/2020 11:22:00 AM	1/4/2021 2:00:00 PM	Chromium	Dissolved	=	0.43	µg/L	EPA 200.8	0.089	0.2	WKL	
MO-HUE	2020/21-1	Wet	12/28/2020 11:22:00 AM	1/4/2021 2:03:00 PM	Chromium	Total	=	3.6	µg/L	EPA 200.8	0.089	0.2	WKL	
MO-HUE	2020/21-1	Wet	12/28/2020 11:22:00 AM	12/31/2020 9:06:00 AM	Chromium VI	n/a	<	0.0079	µg/L	EPA 218.6	0.0079	0.02	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-HUE	2020/21-1	Wet	12/28/2020 11:22:00 AM	1/4/2021 2:00:00 PM	Copper	Dissolved	=	3.4	µg/L	EPA 200.8	0.23	0.5	WKL	
MO-HUE	2020/21-1	Wet	12/28/2020 11:22:00 AM	1/4/2021 2:03:00 PM	Copper	Total	=	15	µg/L	EPA 200.8	0.23	0.5	WKL	
MO-HUE	2020/21-1	Wet	12/28/2020 11:22:00 AM	1/4/2021 2:00:00 PM	Iron	Dissolved	=	270	µg/L	EPA 200.8	3.9	20	WKL	
MO-HUE	2020/21-1	Wet	12/28/2020 11:22:00 AM	1/4/2021 2:03:00 PM	Iron	Total	=	4200	µg/L	EPA 200.8	3.9	20	WKL	
MO-HUE	2020/21-1	Wet	12/28/2020 11:22:00 AM	1/4/2021 2:00:00 PM	Lead	Dissolved	=	0.25	µg/L	EPA 200.8	0.083	0.2	WKL	
MO-HUE	2020/21-1	Wet	12/28/2020 11:22:00 AM	1/4/2021 2:03:00 PM	Lead	Total	=	4.2	µg/L	EPA 200.8	0.083	0.2	WKL	
MO-HUE	2020/21-1	Wet	12/28/2020 11:22:00 AM	1/7/2021 1:28:00 PM	Mercury	Dissolved	<	17	ng/L	EPA 245.1	17	50	WKL	
MO-HUE	2020/21-1	Wet	12/28/2020 11:22:00 AM	1/7/2021 1:30:00 PM	Mercury	Total	<	17	ng/L	EPA 245.1	17	50	WKL	
MO-HUE	2020/21-1	Wet	12/28/2020 11:22:00 AM	1/4/2021 2:00:00 PM	Nickel	Dissolved	=	4	µg/L	EPA 200.8	0.16	2	WKL	
MO-HUE	2020/21-1	Wet	12/28/2020 11:22:00 AM	1/4/2021 2:03:00 PM	Nickel	Total	=	6.4	µg/L	EPA 200.8	0.16	2	WKL	
MO-HUE	2020/21-1	Wet	12/28/2020 11:22:00 AM	1/4/2021 2:00:00 PM	Selenium	Dissolved	DNQ	0.27	µg/L	EPA 200.8	0.067	0.4	WKL	
MO-HUE	2020/21-1	Wet	12/28/2020 11:22:00 AM	1/4/2021 2:03:00 PM	Selenium	Total	=	0.42	µg/L	EPA 200.8	0.067	0.4	WKL	
MO-HUE	2020/21-1	Wet	12/28/2020 11:22:00 AM	1/4/2021 2:00:00 PM	Silver	Dissolved	<	0.03	µg/L	EPA 200.8	0.03	0.2	WKL	
MO-HUE	2020/21-1	Wet	12/28/2020 11:22:00 AM	1/4/2021 2:03:00 PM	Silver	Total	DNQ	0.057	µg/L	EPA 200.8	0.03	0.2	WKL	
MO-HUE	2020/21-1	Wet	12/28/2020 11:22:00 AM	1/4/2021 2:00:00 PM	Thallium	Dissolved	<	0.021	µg/L	EPA 200.8	0.021	0.2	WKL	
MO-HUE	2020/21-1	Wet	12/28/2020 11:22:00 AM	1/4/2021 2:03:00 PM	Thallium	Total	DNQ	0.027	µg/L	EPA 200.8	0.021	0.2	WKL	
MO-HUE	2020/21-1	Wet	12/28/2020 11:22:00 AM	1/4/2021 2:00:00 PM	Zinc	Dissolved	=	43	µg/L	EPA 200.8	0.8	10	WKL	
MO-HUE	2020/21-1	Wet	12/28/2020 11:22:00 AM	1/4/2021 2:03:00 PM	Zinc	Total	=	110	µg/L	EPA 200.8	0.8	10	WKL	
MO-HUE	2020/21-1	Wet	12/28/2020 11:22:00 AM	12/29/2020 6:22:00 PM	Ammonia as N	n/a	=	1	mg/L	EPA 350.1	0.047	0.1	WKL	
MO-HUE	2020/21-1	Wet	12/28/2020 11:22:00 AM	12/29/2020 12:55:00 PM	Nitrate + Nitrite as N	n/a	=	1	mg/L	EPA 353.2	0.036	0.2	WKL	
MO-HUE	2020/21-1	Wet	12/28/2020 11:22:00 AM	1/5/2021 6:53:00 PM	Phosphorus as P	Dissolved	=	0.036	mg/L	EPA 200.7	0.012	0.02	WKL	
MO-HUE	2020/21-1	Wet	12/28/2020 11:22:00 AM	1/5/2021 6:56:00 PM	Phosphorus as P	Total	=	0.63	mg/L	EPA 200.7	0.012	0.02	WKL	
MO-HUE	2020/21-1	Wet	12/28/2020 11:22:00 AM	12/31/2020 12:56:00 PM	TKN	n/a	=	3.2	mg/L	EPA 351.2	0.13	0.2	WKL	
MO-HUE	2020/21-1	Wet	12/28/2020 11:22:00 AM	2/3/2021 1:59:00 AM	1,2,4-Trichlorobenzene	n/a	<	4.9	µg/L	EPA 625.1	4.9	10	WKL	
MO-HUE	2020/21-1	Wet	12/28/2020 11:22:00 AM	2/3/2021 1:59:00 AM	1,2-Dichlorobenzene	n/a	<	4.6	µg/L	EPA 625.1	4.6	10	WKL	
MO-HUE	2020/21-1	Wet	12/28/2020 11:22:00 AM	2/3/2021 1:59:00 AM	1,2-Diphenylhydrazine	n/a	<	3	µg/L	EPA 625.1	3	10	WKL	
MO-HUE	2020/21-1	Wet	12/28/2020 11:22:00 AM	2/3/2021 1:59:00 AM	1,3-Dichlorobenzene	n/a	<	4.2	µg/L	EPA 625.1	4.2	10	WKL	
MO-HUE	2020/21-1	Wet	12/28/2020 11:22:00 AM	2/3/2021 1:59:00 AM	1,4-Dichlorobenzene	n/a	<	4.8	µg/L	EPA 625.1	4.8	10	WKL	
MO-HUE	2020/21-1	Wet	12/28/2020 11:22:00 AM	1/31/2021 1:09:00 AM	1-Methylnaphthalene	n/a	<	0.24	µg/L	EPA 8270C	0.24	1	WKL	
MO-HUE	2020/21-1	Wet	12/28/2020 11:22:00 AM	2/2/2021 6:04:00 AM	2,4,5-Trichlorophenol	n/a	<	2.9	µg/L	EPA 8270C	2.9	10	WKL	
MO-HUE	2020/21-1	Wet	12/28/2020 11:22:00 AM	2/3/2021 1:59:00 AM	2,4,6-Trichlorophenol	n/a	<	2.2	µg/L	EPA 625.1	2.2	10	WKL	
MO-HUE	2020/21-1	Wet	12/28/2020 11:22:00 AM	2/2/2021 6:04:00 AM	2,4,6-Trichlorophenol	n/a	<	3	µg/L	EPA 8270C	3	10	WKL	
MO-HUE	2020/21-1	Wet	12/28/2020 11:22:00 AM	2/3/2021 1:59:00 AM	2,4-Dichlorophenol	n/a	<	2.6	µg/L	EPA 625.1	2.6	10	WKL	
MO-HUE	2020/21-1	Wet	12/28/2020 11:22:00 AM	2/2/2021 6:04:00 AM	2,4-Dichlorophenol	n/a	<	5.1	µg/L	EPA 8270C	5.1	10	WKL	
MO-HUE	2020/21-1	Wet	12/28/2020 11:22:00 AM	2/2/2021 6:04:00 AM	2,4-Dimethylphenol	n/a	<	10	µg/L	EPA 8270C	10	20	WKL	LB-LCSR
MO-HUE	2020/21-1	Wet	12/28/2020 11:22:00 AM	2/3/2021 1:59:00 AM	2,4-Dimethylphenol	n/a	<	3	µg/L	EPA 625.1	3	10	WKL	
MO-HUE	2020/21-1	Wet	12/28/2020 11:22:00 AM	2/2/2021 6:04:00 AM	2,4-Dinitrophenol	n/a	<	10	µg/L	EPA 8270C	10	20	WKL	
MO-HUE	2020/21-1	Wet	12/28/2020 11:22:00 AM	2/3/2021 1:59:00 AM	2,4-Dinitrophenol	n/a	<	19	µg/L	EPA 625.1	19	100	WKL	
MO-HUE	2020/21-1	Wet	12/28/2020 11:22:00 AM	2/3/2021 1:59:00 AM	2,4-Dinitrotoluene	n/a	<	1.8	µg/L	EPA 625.1	1.8	10	WKL	
MO-HUE	2020/21-1	Wet	12/28/2020 11:22:00 AM	2/3/2021 1:59:00 AM	2,6-Dinitrotoluene	n/a	<	2.7	µg/L	EPA 625.1	2.7	10	WKL	
MO-HUE	2020/21-1	Wet	12/28/2020 11:22:00 AM	2/3/2021 1:59:00 AM	2-Chloronaphthalene	n/a	<	4.5	µg/L	EPA 625.1	4.5	10	WKL	
MO-HUE	2020/21-1	Wet	12/28/2020 11:22:00 AM	2/2/2021 6:04:00 AM	2-Chlorophenol	n/a	<	6.5	µg/L	EPA 8270C	6.5	10	WKL	
MO-HUE	2020/21-1	Wet	12/28/2020 11:22:00 AM	2/3/2021 1:59:00 AM	2-Chlorophenol	n/a	<	2.8	µg/L	EPA 625.1	2.8	10	WKL	
MO-HUE	2020/21-1	Wet	12/28/2020 11:22:00 AM	1/31/2021 1:09:00 AM	2-Methylnaphthalene	n/a	<	0.26	µg/L	EPA 8270C	0.26	1	WKL	
MO-HUE	2020/21-1	Wet	12/28/2020 11:22:00 AM	2/2/2021 6:04:00 AM	2-Methylphenol	n/a	<	3.4	µg/L	EPA 8270C	3.4	10	WKL	
MO-HUE	2020/21-1	Wet	12/28/2020 11:22:00 AM	2/3/2021 1:59:00 AM	2-Nitrophenol	n/a	<	2.6	µg/L	EPA 625.1	2.6	10	WKL	
MO-HUE	2020/21-1	Wet	12/28/2020 11:22:00 AM	2/2/2021 6:04:00 AM	2-Nitrophenol	n/a	<	7.1	µg/L	EPA 8270C	7.1	10	WKL	
MO-HUE	2020/21-1	Wet	12/28/2020 11:22:00 AM	2/3/2021 1:59:00 AM	3,3'-Dichlorobenzidine	n/a	<	9.9	µg/L	EPA 625.1	9.9	50	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-HUE	2020/21-1	Wet	12/28/2020 11:22:00 AM	2/2/2021 6:04:00 AM	3-4-Methylphenol	n/a	<	3	µg/L	EPA 8270C	3	10	WKL	
MO-HUE	2020/21-1	Wet	12/28/2020 11:22:00 AM	2/3/2021 1:59:00 AM	4,6-Dinitro-2-methylphenol	n/a	<	14	µg/L	EPA 625.1	14	50	WKL	
MO-HUE	2020/21-1	Wet	12/28/2020 11:22:00 AM	2/2/2021 6:04:00 AM	4,6-Dinitro-2-methylphenol	n/a	<	1.4	µg/L	EPA 8270C	1.4	10	WKL	
MO-HUE	2020/21-1	Wet	12/28/2020 11:22:00 AM	2/3/2021 1:59:00 AM	4-Bromophenyl phenyl ether	n/a	<	3.6	µg/L	EPA 625.1	3.6	10	WKL	
MO-HUE	2020/21-1	Wet	12/28/2020 11:22:00 AM	2/2/2021 6:04:00 AM	4-Chloro-3-methylphenol	n/a	<	3.7	µg/L	EPA 8270C	3.7	10	WKL	
MO-HUE	2020/21-1	Wet	12/28/2020 11:22:00 AM	2/3/2021 1:59:00 AM	4-Chloro-3-methylphenol	n/a	<	2.3	µg/L	EPA 625.1	2.3	10	WKL	
MO-HUE	2020/21-1	Wet	12/28/2020 11:22:00 AM	2/3/2021 1:59:00 AM	4-Chlorophenyl phenyl ether	n/a	<	4.1	µg/L	EPA 625.1	4.1	10	WKL	
MO-HUE	2020/21-1	Wet	12/28/2020 11:22:00 AM	2/2/2021 6:04:00 AM	4-Nitrophenol	n/a	<	10	µg/L	EPA 8270C	10	20	WKL	
MO-HUE	2020/21-1	Wet	12/28/2020 11:22:00 AM	2/3/2021 1:59:00 AM	4-Nitrophenol	n/a	<	12	µg/L	EPA 625.1	12	50	WKL	
MO-HUE	2020/21-1	Wet	12/28/2020 11:22:00 AM	2/3/2021 1:59:00 AM	Acenaphthene	n/a	<	3.8	µg/L	EPA 625.1	3.8	10	WKL	
MO-HUE	2020/21-1	Wet	12/28/2020 11:22:00 AM	1/31/2021 1:09:00 AM	Acenaphthene	n/a	<	0.28	µg/L	EPA 8270C	0.28	1	WKL	
MO-HUE	2020/21-1	Wet	12/28/2020 11:22:00 AM	2/3/2021 1:59:00 AM	Acenaphthylene	n/a	<	1.7	µg/L	EPA 625.1	1.7	10	WKL	
MO-HUE	2020/21-1	Wet	12/28/2020 11:22:00 AM	1/31/2021 1:09:00 AM	Acenaphthylene	n/a	<	0.33	µg/L	EPA 8270C	0.33	1	WKL	
MO-HUE	2020/21-1	Wet	12/28/2020 11:22:00 AM	1/31/2021 1:09:00 AM	Anthracene	n/a	<	0.25	µg/L	EPA 8270C	0.25	1	WKL	
MO-HUE	2020/21-1	Wet	12/28/2020 11:22:00 AM	2/3/2021 1:59:00 AM	Anthracene	n/a	<	1.2	µg/L	EPA 625.1	1.2	10	WKL	
MO-HUE	2020/21-1	Wet	12/28/2020 11:22:00 AM	1/31/2021 1:09:00 AM	Benz(a)anthracene	n/a	<	0.51	µg/L	EPA 8270C	0.51	1	WKL	
MO-HUE	2020/21-1	Wet	12/28/2020 11:22:00 AM	2/3/2021 1:59:00 AM	Benz(a)anthracene	n/a	<	1.9	µg/L	EPA 625.1	1.9	10	WKL	
MO-HUE	2020/21-1	Wet	12/28/2020 11:22:00 AM	2/3/2021 1:59:00 AM	Benzidine	n/a	<	14	µg/L	EPA 625.1	14	100	WKL	
MO-HUE	2020/21-1	Wet	12/28/2020 11:22:00 AM	1/31/2021 1:09:00 AM	Benzo(a)pyrene	n/a	<	0.51	µg/L	EPA 8270C	0.51	1	WKL	
MO-HUE	2020/21-1	Wet	12/28/2020 11:22:00 AM	1/22/2021 2:26:00 AM	Benzo(a)pyrene	n/a	DNQ	0.54	µg/L	EPA 525.2	0.2	1	WKL	
MO-HUE	2020/21-1	Wet	12/28/2020 11:22:00 AM	2/3/2021 1:59:00 AM	Benzo(a)pyrene	n/a	<	3.9	µg/L	EPA 625.1	3.9	10	WKL	
MO-HUE	2020/21-1	Wet	12/28/2020 11:22:00 AM	2/3/2021 1:59:00 AM	Benzo(b)fluoranthene	n/a	<	4.6	µg/L	EPA 625.1	4.6	10	WKL	
MO-HUE	2020/21-1	Wet	12/28/2020 11:22:00 AM	1/31/2021 1:09:00 AM	Benzo(b)fluoranthene	n/a	<	0.27	µg/L	EPA 8270C	0.27	1	WKL	
MO-HUE	2020/21-1	Wet	12/28/2020 11:22:00 AM	2/3/2021 1:59:00 AM	Benzo(g,h,i)perylene	n/a	<	4.2	µg/L	EPA 625.1	4.2	20	WKL	
MO-HUE	2020/21-1	Wet	12/28/2020 11:22:00 AM	1/31/2021 1:09:00 AM	Benzo(g,h,i)perylene	n/a	<	0.5	µg/L	EPA 8270C	0.5	1	WKL	
MO-HUE	2020/21-1	Wet	12/28/2020 11:22:00 AM	2/3/2021 1:59:00 AM	Benzo(k)fluoranthene	n/a	<	2.2	µg/L	EPA 625.1	2.2	10	WKL	
MO-HUE	2020/21-1	Wet	12/28/2020 11:22:00 AM	1/31/2021 1:09:00 AM	Benzo(k)fluoranthene	n/a	<	0.26	µg/L	EPA 8270C	0.26	1	WKL	
MO-HUE	2020/21-1	Wet	12/28/2020 11:22:00 AM	2/3/2021 1:59:00 AM	Bis(2-chloroethoxy)methane	n/a	<	2.5	µg/L	EPA 625.1	2.5	10	WKL	
MO-HUE	2020/21-1	Wet	12/28/2020 11:22:00 AM	2/3/2021 1:59:00 AM	Bis(2-chloroethyl)ether	n/a	<	2.7	µg/L	EPA 625.1	2.7	10	WKL	
MO-HUE	2020/21-1	Wet	12/28/2020 11:22:00 AM	2/3/2021 1:59:00 AM	Bis(2-chloroisopropyl)ether	n/a	<	3.8	µg/L	EPA 625.1	3.8	10	WKL	
MO-HUE	2020/21-1	Wet	12/28/2020 11:22:00 AM	1/22/2021 2:26:00 AM	Bis(2-ethylhexyl)adipate	n/a	DNQ	2.5	µg/L	EPA 525.2	1.2	50	WKL	
MO-HUE	2020/21-1	Wet	12/28/2020 11:22:00 AM	1/22/2021 2:26:00 AM	Bis(2-ethylhexyl)phthalate	n/a	<	4.1	µg/L	EPA 525.2	4.1	30	WKL	
MO-HUE	2020/21-1	Wet	12/28/2020 11:22:00 AM	2/3/2021 1:59:00 AM	Bis(2-ethylhexyl)phthalate	n/a	<	23	µg/L	EPA 625.1	23	50	WKL	
MO-HUE	2020/21-1	Wet	12/28/2020 11:22:00 AM	2/3/2021 1:59:00 AM	Butyl benzyl phthalate	n/a	DNQ	4	µg/L	EPA 625.1	1.8	10	WKL	
MO-HUE	2020/21-1	Wet	12/28/2020 11:22:00 AM	2/3/2021 1:59:00 AM	Chrysene	n/a	<	1.9	µg/L	EPA 625.1	1.9	10	WKL	
MO-HUE	2020/21-1	Wet	12/28/2020 11:22:00 AM	1/31/2021 1:09:00 AM	Chrysene	n/a	<	0.32	µg/L	EPA 8270C	0.32	1	WKL	
MO-HUE	2020/21-1	Wet	12/28/2020 11:22:00 AM	2/3/2021 1:59:00 AM	Dibenz(a,h)anthracene	n/a	<	5.3	µg/L	EPA 625.1	5.3	20	WKL	
MO-HUE	2020/21-1	Wet	12/28/2020 11:22:00 AM	1/31/2021 1:09:00 AM	Dibenz(a,h)anthracene	n/a	<	0.96	µg/L	EPA 8270C	0.96	1	WKL	
MO-HUE	2020/21-1	Wet	12/28/2020 11:22:00 AM	2/3/2021 1:59:00 AM	Diethyl phthalate	n/a	<	1.5	µg/L	EPA 625.1	1.5	10	WKL	
MO-HUE	2020/21-1	Wet	12/28/2020 11:22:00 AM	2/3/2021 1:59:00 AM	Dimethyl phthalate	n/a	<	1.8	µg/L	EPA 625.1	1.8	10	WKL	
MO-HUE	2020/21-1	Wet	12/28/2020 11:22:00 AM	2/3/2021 1:59:00 AM	Di-n-butylphthalate	n/a	<	1	µg/L	EPA 625.1	1	10	WKL	
MO-HUE	2020/21-1	Wet	12/28/2020 11:22:00 AM	2/3/2021 1:59:00 AM	Di-n-octylphthalate	n/a	<	4.6	µg/L	EPA 625.1	4.6	10	WKL	
MO-HUE	2020/21-1	Wet	12/28/2020 11:22:00 AM	2/3/2021 1:59:00 AM	Fluoranthene	n/a	<	0.8	µg/L	EPA 625.1	0.8	10	WKL	
MO-HUE	2020/21-1	Wet	12/28/2020 11:22:00 AM	1/31/2021 1:09:00 AM	Fluoranthene	n/a	<	0.39	µg/L	EPA 8270C	0.39	1	WKL	
MO-HUE	2020/21-1	Wet	12/28/2020 11:22:00 AM	2/3/2021 1:59:00 AM	Fluorene	n/a	<	3.5	µg/L	EPA 625.1	3.5	10	WKL	
MO-HUE	2020/21-1	Wet	12/28/2020 11:22:00 AM	1/31/2021 1:09:00 AM	Fluorene	n/a	<	0.29	µg/L	EPA 8270C	0.29	1	WKL	
MO-HUE	2020/21-1	Wet	12/28/2020 11:22:00 AM	2/3/2021 1:59:00 AM	Hexachlorobenzene	n/a	<	4.9	µg/L	EPA 625.1	4.9	10	WKL	
MO-HUE	2020/21-1	Wet	12/28/2020 11:22:00 AM	2/3/2021 1:59:00 AM	Hexachlorobutadiene	n/a	<	4.7	µg/L	EPA 625.1	4.7	10	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-HUE	2020/21-1	Wet	12/28/2020 11:22:00 AM	2/3/2021 1:59:00 AM	Hexachlorocyclopentadiene	n/a	<	9.8	µg/L	EPA 625.1	9.8	50	WKL	
MO-HUE	2020/21-1	Wet	12/28/2020 11:22:00 AM	2/3/2021 1:59:00 AM	Hexachloroethane	n/a	<	5	µg/L	EPA 625.1	5	10	WKL	
MO-HUE	2020/21-1	Wet	12/28/2020 11:22:00 AM	2/3/2021 1:59:00 AM	Indeno(1,2,3-cd)pyrene	n/a	<	5.5	µg/L	EPA 625.1	5.5	20	WKL	
MO-HUE	2020/21-1	Wet	12/28/2020 11:22:00 AM	1/31/2021 1:09:00 AM	Indeno(1,2,3-cd)pyrene	n/a	<	0.65	µg/L	EPA 8270C	0.65	1	WKL	
MO-HUE	2020/21-1	Wet	12/28/2020 11:22:00 AM	2/3/2021 1:59:00 AM	Isophorone	n/a	<	2.1	µg/L	EPA 625.1	2.1	10	WKL	
MO-HUE	2020/21-1	Wet	12/28/2020 11:22:00 AM	2/3/2021 1:59:00 AM	Naphthalene	n/a	<	4.9	µg/L	EPA 625.1	4.9	10	WKL	
MO-HUE	2020/21-1	Wet	12/28/2020 11:22:00 AM	1/31/2021 1:09:00 AM	Naphthalene	n/a	<	0.26	µg/L	EPA 8270C	0.26	1	WKL	
MO-HUE	2020/21-1	Wet	12/28/2020 11:22:00 AM	2/3/2021 1:59:00 AM	Nitrobenzene	n/a	<	3.6	µg/L	EPA 625.1	3.6	10	WKL	
MO-HUE	2020/21-1	Wet	12/28/2020 11:22:00 AM	2/3/2021 1:59:00 AM	N-Nitrosodimethylamine	n/a	<	5	µg/L	EPA 625.1	5	10	WKL	
MO-HUE	2020/21-1	Wet	12/28/2020 11:22:00 AM	2/3/2021 1:59:00 AM	N-Nitrosodi-N-propylamine	n/a	<	2.6	µg/L	EPA 625.1	2.6	10	WKL	
MO-HUE	2020/21-1	Wet	12/28/2020 11:22:00 AM	2/3/2021 1:59:00 AM	N-Nitrosodiphenylamine	n/a	<	1.9	µg/L	EPA 625.1	1.9	10	WKL	
MO-HUE	2020/21-1	Wet	12/28/2020 11:22:00 AM	1/31/2021 1:09:00 AM	Phenanthrene	n/a	<	0.29	µg/L	EPA 8270C	0.29	1	WKL	
MO-HUE	2020/21-1	Wet	12/28/2020 11:22:00 AM	2/3/2021 1:59:00 AM	Phenanthrene	n/a	<	3.2	µg/L	EPA 625.1	3.2	10	WKL	
MO-HUE	2020/21-1	Wet	12/28/2020 11:22:00 AM	2/3/2021 1:59:00 AM	Phenol	n/a	<	1.6	µg/L	EPA 625.1	1.6	10	WKL	
MO-HUE	2020/21-1	Wet	12/28/2020 11:22:00 AM	2/2/2021 6:04:00 AM	Phenol	n/a	<	3.5	µg/L	EPA 8270C	3.5	10	WKL	
MO-HUE	2020/21-1	Wet	12/28/2020 11:22:00 AM	2/3/2021 1:59:00 AM	Pyrene	n/a	<	2.5	µg/L	EPA 625.1	2.5	10	WKL	
MO-HUE	2020/21-1	Wet	12/28/2020 11:22:00 AM	1/31/2021 1:09:00 AM	Pyrene	n/a	<	0.4	µg/L	EPA 8270C	0.4	1	WKL	
MO-HUE	2020/21-1	Wet	12/28/2020 11:22:00 AM	1/14/2021 5:50:00 AM	PCB Aroclor 1016	n/a	<	10	µg/L	EPA 608.3	10	10	WKL	
MO-HUE	2020/21-1	Wet	12/28/2020 11:22:00 AM	1/14/2021 5:50:00 AM	PCB Aroclor 1221	n/a	<	10	µg/L	EPA 608.3	10	10	WKL	
MO-HUE	2020/21-1	Wet	12/28/2020 11:22:00 AM	1/14/2021 5:50:00 AM	PCB Aroclor 1232	n/a	<	10	µg/L	EPA 608.3	10	10	WKL	
MO-HUE	2020/21-1	Wet	12/28/2020 11:22:00 AM	1/14/2021 5:50:00 AM	PCB Aroclor 1242	n/a	<	10	µg/L	EPA 608.3	10	10	WKL	
MO-HUE	2020/21-1	Wet	12/28/2020 11:22:00 AM	1/14/2021 5:50:00 AM	PCB Aroclor 1248	n/a	<	10	µg/L	EPA 608.3	10	10	WKL	
MO-HUE	2020/21-1	Wet	12/28/2020 11:22:00 AM	1/14/2021 5:50:00 AM	PCB Aroclor 1254	n/a	<	10	µg/L	EPA 608.3	10	10	WKL	
MO-HUE	2020/21-1	Wet	12/28/2020 11:22:00 AM	1/14/2021 5:50:00 AM	PCB Aroclor 1260	n/a	<	10	µg/L	EPA 608.3	10	10	WKL	
MO-HUE	2020/21-1	Wet	12/28/2020 11:22:00 AM	1/10/2021 9:19:00 AM	2,4,5-T	n/a	<	0.55	µg/L	EPA 515.4	0.55	2	WKL	
MO-HUE	2020/21-1	Wet	12/28/2020 11:22:00 AM	1/10/2021 9:19:00 AM	2,4,5-TP	n/a	<	0.46	µg/L	EPA 515.4	0.46	2	WKL	
MO-HUE	2020/21-1	Wet	12/28/2020 11:22:00 AM	1/10/2021 9:19:00 AM	2,4-D	n/a	<	1.4	µg/L	EPA 515.4	1.4	4	WKL	
MO-HUE	2020/21-1	Wet	12/28/2020 11:22:00 AM	1/10/2021 9:19:00 AM	2,4-DB	n/a	<	1.9	µg/L	EPA 515.4	1.9	20	WKL	
MO-HUE	2020/21-1	Wet	12/28/2020 11:22:00 AM	1/10/2021 9:19:00 AM	3,5-Dichlorobenzoic acid	n/a	<	1.2	µg/L	EPA 515.4	1.2	10	WKL	
MO-HUE	2020/21-1	Wet	12/28/2020 11:22:00 AM	1/14/2021 5:50:00 AM	4,4'-DDD	n/a	<	0.014	µg/L	EPA 608.3	0.014	1	WKL	
MO-HUE	2020/21-1	Wet	12/28/2020 11:22:00 AM	1/14/2021 5:50:00 AM	4,4'-DDE	n/a	<	0.014	µg/L	EPA 608.3	0.014	1	WKL	
MO-HUE	2020/21-1	Wet	12/28/2020 11:22:00 AM	1/14/2021 5:50:00 AM	4,4'-DDT	n/a	<	0.022	µg/L	EPA 608.3	0.022	0.2	WKL	
MO-HUE	2020/21-1	Wet	12/28/2020 11:22:00 AM	1/10/2021 9:19:00 AM	Acifluorfen	n/a	<	0.72	µg/L	EPA 515.4	0.72	4	WKL	
MO-HUE	2020/21-1	Wet	12/28/2020 11:22:00 AM	1/22/2021 2:26:00 AM	Alachlor	n/a	<	0.3	µg/L	EPA 525.2	0.3	1	WKL	
MO-HUE	2020/21-1	Wet	12/28/2020 11:22:00 AM	1/14/2021 5:50:00 AM	Aldrin	n/a	<	0.1	µg/L	EPA 608.3	0.1	0.1	WKL	
MO-HUE	2020/21-1	Wet	12/28/2020 11:22:00 AM	1/14/2021 5:50:00 AM	alpha-BHC	n/a	<	0.022	µg/L	EPA 608.3	0.022	0.2	WKL	
MO-HUE	2020/21-1	Wet	12/28/2020 11:22:00 AM	1/14/2021 5:50:00 AM	alpha-Chlordane	n/a	<	0.058	µg/L	EPA 608.3	0.058	0.2	WKL	
MO-HUE	2020/21-1	Wet	12/28/2020 11:22:00 AM	1/22/2021 2:26:00 AM	Atrazine	n/a	<	0.3	µg/L	EPA 525.2	0.3	1	WKL	
MO-HUE	2020/21-1	Wet	12/28/2020 11:22:00 AM	1/20/2021 12:15:00 PM	Azinphos methyl	n/a	<	0.028	µg/L	EPA 625.1m	0.028	0.05	WKL	
MO-HUE	2020/21-1	Wet	12/28/2020 11:22:00 AM	1/10/2021 9:19:00 AM	Bentazon	n/a	<	2.3	µg/L	EPA 515.4	2.3	20	WKL	
MO-HUE	2020/21-1	Wet	12/28/2020 11:22:00 AM	1/14/2021 5:50:00 AM	beta-BHC	n/a	<	0.03	µg/L	EPA 608.3	0.03	0.1	WKL	
MO-HUE	2020/21-1	Wet	12/28/2020 11:22:00 AM	1/20/2021 12:15:00 PM	Bolstar	n/a	<	0.023	µg/L	EPA 625.1m	0.023	0.05	WKL	
MO-HUE	2020/21-1	Wet	12/28/2020 11:22:00 AM	1/22/2021 2:26:00 AM	Bromacil	n/a	<	1.6	µg/L	EPA 525.2	1.6	5	WKL	
MO-HUE	2020/21-1	Wet	12/28/2020 11:22:00 AM	1/22/2021 2:26:00 AM	Butachlor	n/a	<	0.3	µg/L	EPA 525.2	0.3	1	WKL	
MO-HUE	2020/21-1	Wet	12/28/2020 11:22:00 AM	1/22/2021 2:26:00 AM	Captan	n/a	<	1.6	µg/L	EPA 525.2	1.6	10	WKL	
MO-HUE	2020/21-1	Wet	12/28/2020 11:22:00 AM	1/14/2021 5:50:00 AM	Chlordane (technical)	n/a	<	2	µg/L	EPA 608.3	2	2	WKL	
MO-HUE	2020/21-1	Wet	12/28/2020 11:22:00 AM	1/22/2021 2:26:00 AM	Chlorpropham	n/a	<	0.4	µg/L	EPA 525.2	0.4	1	WKL	
MO-HUE	2020/21-1	Wet	12/28/2020 11:22:00 AM	1/20/2021 12:15:00 PM	Chlorpyrifos	n/a	<	0.034	µg/L	EPA 625.1m	0.034	0.05	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-HUE	2020/21-1	Wet	12/28/2020 11:22:00 AM	1/20/2021 12:15:00 PM	Coumaphos	n/a	<	0.026	µg/L	EPA 625.1m	0.026	0.05	WKL	
MO-HUE	2020/21-1	Wet	12/28/2020 11:22:00 AM	1/22/2021 2:26:00 AM	Cyanazine	n/a	<	0.4	µg/L	EPA 525.2	0.4	1	WKL	
MO-HUE	2020/21-1	Wet	12/28/2020 11:22:00 AM	1/10/2021 9:19:00 AM	Dalapon	n/a	<	1.1	µg/L	EPA 515.4	1.1	4	WKL	
MO-HUE	2020/21-1	Wet	12/28/2020 11:22:00 AM	1/10/2021 9:19:00 AM	DCPA (Dacthal)	n/a	<	0.53	µg/L	EPA 515.4	0.53	1	WKL	
MO-HUE	2020/21-1	Wet	12/28/2020 11:22:00 AM	1/14/2021 5:50:00 AM	delta-BHC	n/a	<	0.2	µg/L	EPA 608.3	0.2	0.2	WKL	
MO-HUE	2020/21-1	Wet	12/28/2020 11:22:00 AM	1/20/2021 12:15:00 PM	Demeton-O	n/a	<	0.05	µg/L	EPA 625.1m	0.05	0.05	WKL	-LCSRPD, LB-L
MO-HUE	2020/21-1	Wet	12/28/2020 11:22:00 AM	1/20/2021 12:15:00 PM	Demeton-S	n/a	<	0.05	µg/L	EPA 625.1m	0.05	0.05	WKL	
MO-HUE	2020/21-1	Wet	12/28/2020 11:22:00 AM	1/20/2021 12:15:00 PM	Diazinon	n/a	<	0.026	µg/L	EPA 625.1m	0.026	0.05	WKL	EST-LCSRPD
MO-HUE	2020/21-1	Wet	12/28/2020 11:22:00 AM	1/22/2021 2:26:00 AM	Diazinon	n/a	<	0.5	µg/L	EPA 525.2	0.5	1	WKL	
MO-HUE	2020/21-1	Wet	12/28/2020 11:22:00 AM	1/10/2021 9:19:00 AM	Dicamba	n/a	<	0.75	µg/L	EPA 515.4	0.75	6	WKL	
MO-HUE	2020/21-1	Wet	12/28/2020 11:22:00 AM	1/10/2021 9:19:00 AM	Dichlorprop	n/a	<	1.2	µg/L	EPA 515.4	1.2	3	WKL	
MO-HUE	2020/21-1	Wet	12/28/2020 11:22:00 AM	1/20/2021 12:15:00 PM	Dichlorvos	n/a	<	0.014	µg/L	EPA 625.1m	0.014	0.05	WKL	
MO-HUE	2020/21-1	Wet	12/28/2020 11:22:00 AM	1/14/2021 5:50:00 AM	Dieldrin	n/a	<	0.016	µg/L	EPA 608.3	0.016	0.2	WKL	
MO-HUE	2020/21-1	Wet	12/28/2020 11:22:00 AM	1/22/2021 2:26:00 AM	Dimethoate	n/a	<	0.2	µg/L	EPA 525.2	0.2	2	WKL	
MO-HUE	2020/21-1	Wet	12/28/2020 11:22:00 AM	1/20/2021 12:15:00 PM	Dimethoate	n/a	<	0.031	µg/L	EPA 625.1m	0.031	0.05	WKL	
MO-HUE	2020/21-1	Wet	12/28/2020 11:22:00 AM	1/10/2021 9:19:00 AM	Dinoseb	n/a	<	0.55	µg/L	EPA 515.4	0.55	4	WKL	
MO-HUE	2020/21-1	Wet	12/28/2020 11:22:00 AM	1/22/2021 2:26:00 AM	Diphenamid	n/a	<	0.3	µg/L	EPA 525.2	0.3	1	WKL	
MO-HUE	2020/21-1	Wet	12/28/2020 11:22:00 AM	1/22/2021 2:26:00 AM	Disulfoton	n/a	<	0.4	µg/L	EPA 525.2	0.4	1	WKL	
MO-HUE	2020/21-1	Wet	12/28/2020 11:22:00 AM	1/20/2021 12:15:00 PM	Disulfoton	n/a	<	0.05	µg/L	EPA 625.1m	0.05	0.05	WKL	
MO-HUE	2020/21-1	Wet	12/28/2020 11:22:00 AM	1/14/2021 5:50:00 AM	Endosulfan I	n/a	<	0.018	µg/L	EPA 608.3	0.018	0.4	WKL	
MO-HUE	2020/21-1	Wet	12/28/2020 11:22:00 AM	1/14/2021 5:50:00 AM	Endosulfan II	n/a	<	0.014	µg/L	EPA 608.3	0.014	0.2	WKL	
MO-HUE	2020/21-1	Wet	12/28/2020 11:22:00 AM	1/14/2021 5:50:00 AM	Endosulfan sulfate	n/a	<	0.026	µg/L	EPA 608.3	0.026	1	WKL	
MO-HUE	2020/21-1	Wet	12/28/2020 11:22:00 AM	1/14/2021 5:50:00 AM	Endrin	n/a	<	0.034	µg/L	EPA 608.3	0.034	0.2	WKL	
MO-HUE	2020/21-1	Wet	12/28/2020 11:22:00 AM	1/14/2021 5:50:00 AM	Endrin aldehyde	n/a	<	0.038	µg/L	EPA 608.3	0.038	0.2	WKL	
MO-HUE	2020/21-1	Wet	12/28/2020 11:22:00 AM	1/22/2021 2:26:00 AM	EPTC	n/a	<	0.2	µg/L	EPA 525.2	0.2	1	WKL	
MO-HUE	2020/21-1	Wet	12/28/2020 11:22:00 AM	1/20/2021 12:15:00 PM	Ethoprop	n/a	<	0.034	µg/L	EPA 625.1m	0.034	0.05	WKL	
MO-HUE	2020/21-1	Wet	12/28/2020 11:22:00 AM	1/20/2021 12:15:00 PM	Ethyl parathion	n/a	<	0.027	µg/L	EPA 625.1m	0.027	0.05	WKL	EST-LCSRPD
MO-HUE	2020/21-1	Wet	12/28/2020 11:22:00 AM	1/20/2021 12:15:00 PM	Fensulfthion	n/a	<	0.014	µg/L	EPA 625.1m	0.014	0.05	WKL	
MO-HUE	2020/21-1	Wet	12/28/2020 11:22:00 AM	1/20/2021 12:15:00 PM	Fenthion	n/a	<	0.019	µg/L	EPA 625.1m	0.019	0.05	WKL	
MO-HUE	2020/21-1	Wet	12/28/2020 11:22:00 AM	1/14/2021 5:50:00 AM	gamma-BHC (Lindane)	n/a	<	0.008	µg/L	EPA 608.3	0.008	0.4	WKL	
MO-HUE	2020/21-1	Wet	12/28/2020 11:22:00 AM	1/14/2021 5:50:00 AM	gamma-Chlordane	n/a	<	0.046	µg/L	EPA 608.3	0.046	0.2	WKL	
MO-HUE	2020/21-1	Wet	12/28/2020 11:22:00 AM	12/30/2020 4:39:00 AM	Glyphosate	n/a	<	18	µg/L	EPA 547	18	50	WKL	
MO-HUE	2020/21-1	Wet	12/28/2020 11:22:00 AM	1/14/2021 5:50:00 AM	Heptachlor	n/a	<	0.012	µg/L	EPA 608.3	0.012	0.2	WKL	
MO-HUE	2020/21-1	Wet	12/28/2020 11:22:00 AM	1/14/2021 5:50:00 AM	Heptachlor epoxide	n/a	<	0.008	µg/L	EPA 608.3	0.008	0.2	WKL	
MO-HUE	2020/21-1	Wet	12/28/2020 11:22:00 AM	1/20/2021 12:15:00 PM	Malathion	n/a	<	0.038	µg/L	EPA 625.1m	0.038	0.05	WKL	
MO-HUE	2020/21-1	Wet	12/28/2020 11:22:00 AM	1/20/2021 12:15:00 PM	Merphos	n/a	<	0.029	µg/L	EPA 625.1m	0.029	0.05	WKL	
MO-HUE	2020/21-1	Wet	12/28/2020 11:22:00 AM	1/20/2021 12:15:00 PM	Methyl parathion	n/a	<	0.032	µg/L	EPA 625.1m	0.032	0.05	WKL	
MO-HUE	2020/21-1	Wet	12/28/2020 11:22:00 AM	1/22/2021 2:26:00 AM	Metolachlor	n/a	<	0.3	µg/L	EPA 525.2	0.3	1	WKL	
MO-HUE	2020/21-1	Wet	12/28/2020 11:22:00 AM	1/22/2021 2:26:00 AM	Metribuzin	n/a	<	0.3	µg/L	EPA 525.2	0.3	1	WKL	
MO-HUE	2020/21-1	Wet	12/28/2020 11:22:00 AM	1/20/2021 12:15:00 PM	Mevinphos	n/a	<	0.021	µg/L	EPA 625.1m	0.021	0.05	WKL	
MO-HUE	2020/21-1	Wet	12/28/2020 11:22:00 AM	1/22/2021 2:26:00 AM	Molinate	n/a	<	0.3	µg/L	EPA 525.2	0.3	1	WKL	
MO-HUE	2020/21-1	Wet	12/28/2020 11:22:00 AM	1/20/2021 12:15:00 PM	Naled	n/a	<	0.038	µg/L	EPA 625.1m	0.038	0.05	WKL	
MO-HUE	2020/21-1	Wet	12/28/2020 11:22:00 AM	1/10/2021 9:19:00 AM	Pentachlorophenol	n/a	<	0.46	µg/L	EPA 515.4	0.46	2	WKL	
MO-HUE	2020/21-1	Wet	12/28/2020 11:22:00 AM	2/2/2021 6:04:00 AM	Pentachlorophenol	n/a	<	1.5	µg/L	EPA 8270C	1.5	10	WKL	
MO-HUE	2020/21-1	Wet	12/28/2020 11:22:00 AM	2/3/2021 1:59:00 AM	Pentachlorophenol	n/a	<	4	µg/L	EPA 625.1	4	10	WKL	
MO-HUE	2020/21-1	Wet	12/28/2020 11:22:00 AM	1/20/2021 12:15:00 PM	Phorate	n/a	<	0.015	µg/L	EPA 625.1m	0.015	0.05	WKL	
MO-HUE	2020/21-1	Wet	12/28/2020 11:22:00 AM	1/10/2021 9:19:00 AM	Picloram	n/a	<	0.38	µg/L	EPA 515.4	0.38	6	WKL	
MO-HUE	2020/21-1	Wet	12/28/2020 11:22:00 AM	1/22/2021 2:26:00 AM	Prometon	n/a	<	0.1	µg/L	EPA 525.2	0.1	1	WKL	EST-LCSRPD

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-HUE	2020/21-1	Wet	12/28/2020 11:22:00 AM	1/22/2021 2:26:00 AM	Prometryn	n/a	<	0.3	µg/L	EPA 525.2	0.3	1	WKL	EST-LCSRPD
MO-HUE	2020/21-1	Wet	12/28/2020 11:22:00 AM	1/20/2021 12:15:00 PM	Ronnel (Fenchlorphos)	n/a	<	0.02	µg/L	EPA 625.1m	0.02	0.05	WKL	
MO-HUE	2020/21-1	Wet	12/28/2020 11:22:00 AM	1/22/2021 2:26:00 AM	Simazine	n/a	<	0.2	µg/L	EPA 525.2	0.2	1	WKL	
MO-HUE	2020/21-1	Wet	12/28/2020 11:22:00 AM	1/20/2021 12:15:00 PM	Stirophos (Tetrachlorvinphos)	n/a	<	0.016	µg/L	EPA 625.1m	0.016	0.05	WKL	
MO-HUE	2020/21-1	Wet	12/28/2020 11:22:00 AM	1/22/2021 2:26:00 AM	Terbacil	n/a	<	0.9	µg/L	EPA 525.2	0.9	20	WKL	EST-LCSRPD
MO-HUE	2020/21-1	Wet	12/28/2020 11:22:00 AM	1/22/2021 2:26:00 AM	Thiobencarb	n/a	<	0.3	µg/L	EPA 525.2	0.3	1	WKL	
MO-HUE	2020/21-1	Wet	12/28/2020 11:22:00 AM	1/20/2021 12:15:00 PM	Tokuthion	n/a	<	0.039	µg/L	EPA 625.1m	0.039	0.05	WKL	
MO-HUE	2020/21-1	Wet	12/28/2020 11:22:00 AM	1/14/2021 5:50:00 AM	Toxaphene	n/a	<	20	µg/L	EPA 608.3	20	20	WKL	
MO-HUE	2020/21-1	Wet	12/28/2020 11:22:00 AM	1/20/2021 12:15:00 PM	Trichloronate	n/a	<	0.034	µg/L	EPA 625.1m	0.034	0.05	WKL	
MO-HUE	2020/21-1	Wet	12/28/2020 11:22:00 AM	1/22/2021 2:26:00 AM	Trithion	n/a	<	0.2	µg/L	EPA 525.2	0.2	1	WKL	
MO-HUE	2020/21-2	Wet	1/28/2021 7:00:00 PM	1/28/2021 7:00:00 PM	Conductivity	n/a	=	1003	µmhos/cm	Field Meter	-88	1	Field Crew	
MO-HUE	2020/21-2	Wet	1/28/2021 7:00:00 PM	2/9/2021 6:19:00 PM	Cyanide	Total	=	0.033	mg/L	ASTM D7511	0.0033	0.02	WKL	
MO-HUE	2020/21-2	Wet	1/28/2021 7:00:00 PM	1/28/2021 7:00:00 PM	DO	n/a	=	5.69	mg/L	Field Meter	-88	0.3	Field Crew	
MO-HUE	2020/21-2	Wet	1/28/2021 7:00:00 PM	1/28/2021 7:00:00 PM	DO	n/a	=	51	%	Field Meter	-88	0.1	Field Crew	
MO-HUE	2020/21-2	Wet	1/28/2021 7:00:00 PM	1/28/2021 7:00:00 PM	pH	n/a	=	7.36	pH Units	Field Meter	-88	0.01	Field Crew	
MO-HUE	2020/21-2	Wet	1/28/2021 7:00:00 PM	1/28/2021 7:00:00 PM	Salinity	n/a	=	900	mg/L	Field Meter	-88	100	Field Crew	
MO-HUE	2020/21-2	Wet	1/28/2021 7:00:00 PM	1/28/2021 7:00:00 PM	Specific Conductance	n/a	=	1680	µmhos/cm	Field Meter	-88	1	Field Crew	
MO-HUE	2020/21-2	Wet	1/28/2021 7:00:00 PM	1/28/2021 7:00:00 PM	Temperature	n/a	=	12.7	°C	Field Meter	-88	0.1	Field Crew	
MO-HUE	2020/21-2	Wet	1/28/2021 7:00:00 PM	2/1/2021 11:36:00 AM	Gasoline Range Organics	n/a	<	0.065	mg/L	LUFT GC/MS	0.065	0.1	WKL	
MO-HUE	2020/21-2	Wet	1/28/2021 7:00:00 PM	2/16/2021 4:34:00 PM	Oil and Grease	n/a	DNQ	1.3	mg/L	EPA 1664B	0.7	5	WKL	
MO-HUE	2020/21-2	Wet	1/28/2021 7:00:00 PM	1/31/2021 5:25:00 PM	2-Chloroethyl vinyl ether	n/a	<	0.19	µg/L	EPA 624.1	0.19	1	WKL	
MO-HUE	2020/21-2	Wet	1/28/2021 7:00:00 PM	1/31/2021 5:25:00 PM	Methyl tert-butyl ether (MTBE)	n/a	<	0.4	µg/L	EPA 624.1	0.4	1	WKL	
MO-HUE	2020/21-2	Wet	1/29/2021 10:28:00 AM	2/3/2021 5:24:00 AM	Chloride	n/a	=	480	mg/L	EPA 300.0	0.85	5	WKL	
MO-HUE	2020/21-2	Wet	1/29/2021 10:28:00 AM	2/3/2021 5:24:00 AM	Fluoride	n/a	DNQ	0.3	mg/L	EPA 300.0	0.09	1	WKL	
MO-HUE	2020/21-2	Wet	1/29/2021 10:28:00 AM	2/3/2021 10:07:00 AM	Perchlorate	n/a	<	8.4	µg/L	EPA 314.0	8.4	20	WKL	
MO-HUE	2020/21-2	Wet	1/29/2021 10:28:00 AM	2/6/2021 6:21:00 PM	Calcium	Total	=	60.7	mg/L	EPA 200.7	0.016	0.1	WKL	
MO-HUE	2020/21-2	Wet	1/29/2021 10:28:00 AM	2/6/2021 6:21:00 PM	Magnesium	Total	=	43	mg/L	EPA 200.7	0.012	0.1	WKL	
MO-HUE	2020/21-2	Wet	1/29/2021 10:28:00 AM	2/4/2021 12:56:00 PM	Alkalinity as CaCO3	n/a	=	88	mg/L	SM 2320 B	0.56	5	WKL	
MO-HUE	2020/21-2	Wet	1/29/2021 10:28:00 AM	2/4/2021 5:34:00 PM	BOD	n/a	=	12	mg/L	SM 5210 B	2	2	WKL	
MO-HUE	2020/21-2	Wet	1/29/2021 10:28:00 AM	2/9/2021 10:01:00 AM	COD	n/a	=	61	mg/L	EPA 410.4	2.9	5	WKL	
MO-HUE	2020/21-2	Wet	1/29/2021 10:28:00 AM	2/6/2021 6:21:00 PM	Hardness as CaCO3	Total	=	329	mg/L	EPA 200.7	0.0894	0.662	WKL	
MO-HUE	2020/21-2	Wet	1/29/2021 10:28:00 AM	1/30/2021 5:59:00 PM	MBAS	n/a	=	0.13	mg/L	SM 5540 C	0.017	0.05	WKL	
MO-HUE	2020/21-2	Wet	1/29/2021 10:28:00 AM	2/11/2021 2:35:00 PM	Phenolics	n/a	=	0.053	mg/L	EPA 420.4	0.0032	0.01	WKL	
MO-HUE	2020/21-2	Wet	1/29/2021 10:28:00 AM	2/3/2021 1:43:00 PM	Specific Conductance	n/a	=	1900	µmhos/cm	SM 2510 B	0.7	6	WKL	
MO-HUE	2020/21-2	Wet	1/29/2021 10:28:00 AM	2/5/2021 8:00:00 AM	Total Dissolved Solids	n/a	=	1100	mg/L	SM 2540 C	4	10	WKL	
MO-HUE	2020/21-2	Wet	1/29/2021 10:28:00 AM	2/5/2021 12:35:00 PM	Total Organic Carbon	n/a	=	13	mg/L	SM 5310 B	0.096	0.3	WKL	
MO-HUE	2020/21-2	Wet	1/29/2021 10:28:00 AM	2/5/2021 8:00:00 AM	Total Suspended Solids	n/a	=	80	mg/L	SM 2540 D	-88	5	WKL	
MO-HUE	2020/21-2	Wet	1/29/2021 10:28:00 AM	1/29/2021 8:00:00 PM	Turbidity	n/a	=	19	NTU	EPA 180.1	0.017	0.1	WKL	
MO-HUE	2020/21-2	Wet	1/29/2021 10:28:00 AM	2/5/2021 8:00:00 AM	Volatile Suspended Solids	n/a	=	19	mg/L	EPA 160.4	3.1	5	WKL	
MO-HUE	2020/21-2	Wet	1/29/2021 10:28:00 AM	2/12/2021 1:59:00 AM	Diesel Range Organics	n/a	=	0.2	mg/L	EPA 8015B	0.032	0.1	WKL	
MO-HUE	2020/21-2	Wet	1/29/2021 10:28:00 AM	2/12/2021 1:59:00 AM	Oil Range Organics	n/a	<	0.33	mg/L	EPA 8015B	0.33	0.5	WKL	
MO-HUE	2020/21-2	Wet	1/29/2021 10:28:00 AM	2/9/2021 6:35:00 PM	Aluminum	Dissolved	DNQ	9.1	µg/L	EPA 200.8	4.4	20	WKL	
MO-HUE	2020/21-2	Wet	1/29/2021 10:28:00 AM	2/9/2021 6:38:00 PM	Aluminum	Total	=	1400	µg/L	EPA 200.8	4.4	20	WKL	
MO-HUE	2020/21-2	Wet	1/29/2021 10:28:00 AM	2/9/2021 6:35:00 PM	Antimony	Dissolved	DNQ	0.44	µg/L	EPA 200.8	0.089	0.5	WKL	
MO-HUE	2020/21-2	Wet	1/29/2021 10:28:00 AM	2/9/2021 6:38:00 PM	Antimony	Total	=	0.75	µg/L	EPA 200.8	0.089	0.5	WKL	
MO-HUE	2020/21-2	Wet	1/29/2021 10:28:00 AM	2/9/2021 6:35:00 PM	Arsenic	Dissolved	=	0.54	µg/L	EPA 200.8	0.074	0.4	WKL	
MO-HUE	2020/21-2	Wet	1/29/2021 10:28:00 AM	2/9/2021 6:38:00 PM	Arsenic	Total	=	1.6	µg/L	EPA 200.8	0.074	0.4	WKL	
MO-HUE	2020/21-2	Wet	1/29/2021 10:28:00 AM	2/9/2021 6:38:00 PM	Barium	Total	=	40	µg/L	EPA 200.8	0.14	1	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-HUE	2020/21-2	Wet	1/29/2021 10:28:00 AM	2/9/2021 6:35:00 PM	Beryllium	Dissolved	<	0.062	µg/L	EPA 200.8	0.062	0.1	WKL	
MO-HUE	2020/21-2	Wet	1/29/2021 10:28:00 AM	2/9/2021 6:38:00 PM	Beryllium	Total	<	0.062	µg/L	EPA 200.8	0.062	0.1	WKL	
MO-HUE	2020/21-2	Wet	1/29/2021 10:28:00 AM	2/9/2021 6:35:00 PM	Cadmium	Dissolved	<	0.042	µg/L	EPA 200.8	0.042	0.2	WKL	
MO-HUE	2020/21-2	Wet	1/29/2021 10:28:00 AM	2/9/2021 6:38:00 PM	Cadmium	Total	=	0.23	µg/L	EPA 200.8	0.042	0.2	WKL	
MO-HUE	2020/21-2	Wet	1/29/2021 10:28:00 AM	2/9/2021 6:35:00 PM	Chromium	Dissolved	DNQ	0.13	µg/L	EPA 200.8	0.089	0.2	WKL	
MO-HUE	2020/21-2	Wet	1/29/2021 10:28:00 AM	2/9/2021 6:38:00 PM	Chromium	Total	=	3.1	µg/L	EPA 200.8	0.089	0.2	WKL	
MO-HUE	2020/21-2	Wet	1/29/2021 10:28:00 AM	2/3/2021 4:16:00 PM	Chromium VI	n/a	<	0.0079	µg/L	EPA 218.6	0.0079	0.02	WKL	
MO-HUE	2020/21-2	Wet	1/29/2021 10:28:00 AM	2/9/2021 6:35:00 PM	Copper	Dissolved	=	2	µg/L	EPA 200.8	0.23	0.5	WKL	
MO-HUE	2020/21-2	Wet	1/29/2021 10:28:00 AM	2/9/2021 6:38:00 PM	Copper	Total	=	9.7	µg/L	EPA 200.8	0.23	0.5	WKL	
MO-HUE	2020/21-2	Wet	1/29/2021 10:28:00 AM	2/9/2021 6:35:00 PM	Iron	Dissolved	=	250	µg/L	EPA 200.8	3.9	20	WKL	
MO-HUE	2020/21-2	Wet	1/29/2021 10:28:00 AM	2/9/2021 6:38:00 PM	Iron	Total	=	4300	µg/L	EPA 200.8	3.9	20	WKL	
MO-HUE	2020/21-2	Wet	1/29/2021 10:28:00 AM	2/9/2021 6:35:00 PM	Lead	Dissolved	=	0.26	µg/L	EPA 200.8	0.083	0.2	WKL	
MO-HUE	2020/21-2	Wet	1/29/2021 10:28:00 AM	2/9/2021 6:38:00 PM	Lead	Total	=	4.7	µg/L	EPA 200.8	0.083	0.2	WKL	
MO-HUE	2020/21-2	Wet	1/29/2021 10:28:00 AM	2/7/2021 1:18:00 PM	Mercury	Dissolved	<	17	ng/L	EPA 245.1	17	50	WKL	
MO-HUE	2020/21-2	Wet	1/29/2021 10:28:00 AM	2/7/2021 1:20:00 PM	Mercury	Total	DNQ	18	ng/L	EPA 245.1	17	50	WKL	
MO-HUE	2020/21-2	Wet	1/29/2021 10:28:00 AM	2/9/2021 6:35:00 PM	Nickel	Dissolved	DNQ	1.6	µg/L	EPA 200.8	0.16	2	WKL	
MO-HUE	2020/21-2	Wet	1/29/2021 10:28:00 AM	2/9/2021 6:38:00 PM	Nickel	Total	=	4	µg/L	EPA 200.8	0.16	2	WKL	
MO-HUE	2020/21-2	Wet	1/29/2021 10:28:00 AM	2/9/2021 6:35:00 PM	Selenium	Dissolved	DNQ	0.16	µg/L	EPA 200.8	0.067	0.4	WKL	
MO-HUE	2020/21-2	Wet	1/29/2021 10:28:00 AM	2/9/2021 6:38:00 PM	Selenium	Total	DNQ	0.25	µg/L	EPA 200.8	0.067	0.4	WKL	
MO-HUE	2020/21-2	Wet	1/29/2021 10:28:00 AM	2/9/2021 6:35:00 PM	Silver	Dissolved	<	0.03	µg/L	EPA 200.8	0.03	0.2	WKL	
MO-HUE	2020/21-2	Wet	1/29/2021 10:28:00 AM	2/9/2021 6:38:00 PM	Silver	Total	DNQ	0.058	µg/L	EPA 200.8	0.03	0.2	WKL	
MO-HUE	2020/21-2	Wet	1/29/2021 10:28:00 AM	2/9/2021 6:35:00 PM	Thallium	Dissolved	<	0.021	µg/L	EPA 200.8	0.021	0.2	WKL	
MO-HUE	2020/21-2	Wet	1/29/2021 10:28:00 AM	2/9/2021 6:38:00 PM	Thallium	Total	DNQ	0.025	µg/L	EPA 200.8	0.021	0.2	WKL	
MO-HUE	2020/21-2	Wet	1/29/2021 10:28:00 AM	2/9/2021 6:35:00 PM	Zinc	Dissolved	=	15	µg/L	EPA 200.8	0.8	10	WKL	
MO-HUE	2020/21-2	Wet	1/29/2021 10:28:00 AM	2/9/2021 6:38:00 PM	Zinc	Total	=	61	µg/L	EPA 200.8	0.8	10	WKL	
MO-HUE	2020/21-2	Wet	1/29/2021 10:28:00 AM	2/12/2021 1:48:00 PM	Ammonia as N	n/a	=	0.28	mg/L	EPA 350.1	0.047	0.1	WKL	
MO-HUE	2020/21-2	Wet	1/29/2021 10:28:00 AM	1/30/2021 4:12:00 PM	Nitrate + Nitrite as N	n/a	=	0.46	mg/L	EPA 353.2	0.036	0.2	WKL	
MO-HUE	2020/21-2	Wet	1/29/2021 10:28:00 AM	2/6/2021 6:18:00 PM	Phosphorus as P	Dissolved	=	0.039	mg/L	EPA 200.7	0.012	0.02	WKL	
MO-HUE	2020/21-2	Wet	1/29/2021 10:28:00 AM	2/6/2021 6:21:00 PM	Phosphorus as P	Total	=	0.47	mg/L	EPA 200.7	0.012	0.02	WKL	
MO-HUE	2020/21-2	Wet	1/29/2021 10:28:00 AM	2/10/2021 4:24:00 PM	TKN	n/a	=	32	mg/L	EPA 351.2	2.6	4	WKL	
MO-HUE	2020/21-2	Wet	1/29/2021 10:28:00 AM	2/10/2021 12:24:00 AM	1,2,4-Trichlorobenzene	n/a	<	2.4	µg/L	EPA 625.1	2.4	5	WKL	
MO-HUE	2020/21-2	Wet	1/29/2021 10:28:00 AM	2/10/2021 12:24:00 AM	1,2-Dichlorobenzene	n/a	<	2.3	µg/L	EPA 625.1	2.3	5	WKL	
MO-HUE	2020/21-2	Wet	1/29/2021 10:28:00 AM	2/10/2021 12:24:00 AM	1,2-Diphenylhydrazine	n/a	<	1.5	µg/L	EPA 625.1	1.5	5	WKL	
MO-HUE	2020/21-2	Wet	1/29/2021 10:28:00 AM	2/10/2021 12:24:00 AM	1,3-Dichlorobenzene	n/a	<	2.1	µg/L	EPA 625.1	2.1	5	WKL	
MO-HUE	2020/21-2	Wet	1/29/2021 10:28:00 AM	2/10/2021 12:24:00 AM	1,4-Dichlorobenzene	n/a	<	2.4	µg/L	EPA 625.1	2.4	5	WKL	
MO-HUE	2020/21-2	Wet	1/29/2021 10:28:00 AM	2/27/2021 5:29:00 PM	1-Methylnaphthalene	n/a	<	0.12	µg/L	EPA 8270C	0.12	0.5	WKL	
MO-HUE	2020/21-2	Wet	1/29/2021 10:28:00 AM	3/5/2021 7:52:00 AM	2,4,5-Trichlorophenol	n/a	<	1.4	µg/L	EPA 8270C	1.4	5	WKL	
MO-HUE	2020/21-2	Wet	1/29/2021 10:28:00 AM	2/10/2021 12:24:00 AM	2,4,6-Trichlorophenol	n/a	<	1.1	µg/L	EPA 625.1	1.1	5	WKL	
MO-HUE	2020/21-2	Wet	1/29/2021 10:28:00 AM	3/5/2021 7:52:00 AM	2,4,6-Trichlorophenol	n/a	<	1.5	µg/L	EPA 8270C	1.5	5	WKL	
MO-HUE	2020/21-2	Wet	1/29/2021 10:28:00 AM	2/10/2021 12:24:00 AM	2,4-Dichlorophenol	n/a	<	1.3	µg/L	EPA 625.1	1.3	5	WKL	
MO-HUE	2020/21-2	Wet	1/29/2021 10:28:00 AM	3/5/2021 7:52:00 AM	2,4-Dichlorophenol	n/a	<	2.6	µg/L	EPA 8270C	2.6	5	WKL	
MO-HUE	2020/21-2	Wet	1/29/2021 10:28:00 AM	2/10/2021 12:24:00 AM	2,4-Dimethylphenol	n/a	<	1.5	µg/L	EPA 625.1	1.5	5	WKL	
MO-HUE	2020/21-2	Wet	1/29/2021 10:28:00 AM	3/5/2021 7:52:00 AM	2,4-Dimethylphenol	n/a	<	5	µg/L	EPA 8270C	5	10	WKL	
MO-HUE	2020/21-2	Wet	1/29/2021 10:28:00 AM	3/5/2021 7:52:00 AM	2,4-Dinitrophenol	n/a	<	5	µg/L	EPA 8270C	5	10	WKL	
MO-HUE	2020/21-2	Wet	1/29/2021 10:28:00 AM	2/10/2021 12:24:00 AM	2,4-Dinitrophenol	n/a	<	9.4	µg/L	EPA 625.1	9.4	50	WKL	
MO-HUE	2020/21-2	Wet	1/29/2021 10:28:00 AM	2/10/2021 12:24:00 AM	2,4-Dinitrotoluene	n/a	<	0.9	µg/L	EPA 625.1	0.9	5	WKL	
MO-HUE	2020/21-2	Wet	1/29/2021 10:28:00 AM	2/10/2021 12:24:00 AM	2,6-Dinitrotoluene	n/a	<	1.4	µg/L	EPA 625.1	1.4	5	WKL	
MO-HUE	2020/21-2	Wet	1/29/2021 10:28:00 AM	2/10/2021 12:24:00 AM	2-Chloronaphthalene	n/a	<	2.2	µg/L	EPA 625.1	2.2	5	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-HUE	2020/21-2	Wet	1/29/2021 10:28:00 AM	2/10/2021 12:24:00 AM	2-Chlorophenol	n/a	<	1.4	µg/L	EPA 625.1	1.4	5	WKL	
MO-HUE	2020/21-2	Wet	1/29/2021 10:28:00 AM	3/5/2021 7:52:00 AM	2-Chlorophenol	n/a	<	3.2	µg/L	EPA 8270C	3.2	5	WKL	
MO-HUE	2020/21-2	Wet	1/29/2021 10:28:00 AM	2/27/2021 5:29:00 PM	2-Methylnaphthalene	n/a	<	0.13	µg/L	EPA 8270C	0.13	0.5	WKL	
MO-HUE	2020/21-2	Wet	1/29/2021 10:28:00 AM	3/5/2021 7:52:00 AM	2-Methylphenol	n/a	<	1.7	µg/L	EPA 8270C	1.7	5	WKL	
MO-HUE	2020/21-2	Wet	1/29/2021 10:28:00 AM	3/5/2021 7:52:00 AM	2-Nitrophenol	n/a	<	3.6	µg/L	EPA 8270C	3.6	5	WKL	
MO-HUE	2020/21-2	Wet	1/29/2021 10:28:00 AM	2/10/2021 12:24:00 AM	2-Nitrophenol	n/a	<	1.3	µg/L	EPA 625.1	1.3	5	WKL	
MO-HUE	2020/21-2	Wet	1/29/2021 10:28:00 AM	2/10/2021 12:24:00 AM	3,3'-Dichlorobenzidine	n/a	<	5	µg/L	EPA 625.1	5	25	WKL	
MO-HUE	2020/21-2	Wet	1/29/2021 10:28:00 AM	3/5/2021 7:52:00 AM	3-/4-Methylphenol	n/a	<	1.5	µg/L	EPA 8270C	1.5	5	WKL	
MO-HUE	2020/21-2	Wet	1/29/2021 10:28:00 AM	2/10/2021 12:24:00 AM	4,6-Dinitro-2-methylphenol	n/a	<	7	µg/L	EPA 625.1	7	25	WKL	
MO-HUE	2020/21-2	Wet	1/29/2021 10:28:00 AM	3/5/2021 7:52:00 AM	4,6-Dinitro-2-methylphenol	n/a	<	0.7	µg/L	EPA 8270C	0.7	5	WKL	
MO-HUE	2020/21-2	Wet	1/29/2021 10:28:00 AM	2/10/2021 12:24:00 AM	4-Bromophenyl phenyl ether	n/a	<	1.8	µg/L	EPA 625.1	1.8	5	WKL	
MO-HUE	2020/21-2	Wet	1/29/2021 10:28:00 AM	2/10/2021 12:24:00 AM	4-Chloro-3-methylphenol	n/a	<	1.2	µg/L	EPA 625.1	1.2	5	WKL	
MO-HUE	2020/21-2	Wet	1/29/2021 10:28:00 AM	3/5/2021 7:52:00 AM	4-Chloro-3-methylphenol	n/a	<	1.8	µg/L	EPA 8270C	1.8	5	WKL	
MO-HUE	2020/21-2	Wet	1/29/2021 10:28:00 AM	2/10/2021 12:24:00 AM	4-Chlorophenyl phenyl ether	n/a	<	2	µg/L	EPA 625.1	2	5	WKL	
MO-HUE	2020/21-2	Wet	1/29/2021 10:28:00 AM	3/5/2021 7:52:00 AM	4-Nitrophenol	n/a	<	5	µg/L	EPA 8270C	5	10	WKL	
MO-HUE	2020/21-2	Wet	1/29/2021 10:28:00 AM	2/10/2021 12:24:00 AM	4-Nitrophenol	n/a	<	6.2	µg/L	EPA 625.1	6.2	25	WKL	
MO-HUE	2020/21-2	Wet	1/29/2021 10:28:00 AM	2/10/2021 12:24:00 AM	Acenaphthene	n/a	<	1.9	µg/L	EPA 625.1	1.9	5	WKL	
MO-HUE	2020/21-2	Wet	1/29/2021 10:28:00 AM	2/27/2021 5:29:00 PM	Acenaphthene	n/a	<	0.14	µg/L	EPA 8270C	0.14	0.5	WKL	
MO-HUE	2020/21-2	Wet	1/29/2021 10:28:00 AM	2/27/2021 5:29:00 PM	Acenaphthylene	n/a	<	0.16	µg/L	EPA 8270C	0.16	0.5	WKL	
MO-HUE	2020/21-2	Wet	1/29/2021 10:28:00 AM	2/10/2021 12:24:00 AM	Acenaphthylene	n/a	<	0.85	µg/L	EPA 625.1	0.85	5	WKL	
MO-HUE	2020/21-2	Wet	1/29/2021 10:28:00 AM	2/27/2021 5:29:00 PM	Anthracene	n/a	<	0.12	µg/L	EPA 8270C	0.12	0.5	WKL	
MO-HUE	2020/21-2	Wet	1/29/2021 10:28:00 AM	2/10/2021 12:24:00 AM	Anthracene	n/a	<	0.6	µg/L	EPA 625.1	0.6	5	WKL	
MO-HUE	2020/21-2	Wet	1/29/2021 10:28:00 AM	2/27/2021 5:29:00 PM	Benz(a)anthracene	n/a	<	0.26	µg/L	EPA 8270C	0.26	0.5	WKL	
MO-HUE	2020/21-2	Wet	1/29/2021 10:28:00 AM	2/10/2021 12:24:00 AM	Benz(a)anthracene	n/a	<	0.95	µg/L	EPA 625.1	0.95	5	WKL	
MO-HUE	2020/21-2	Wet	1/29/2021 10:28:00 AM	2/10/2021 12:24:00 AM	Benzenidene	n/a	<	7.2	µg/L	EPA 625.1	7.2	50	WKL	
MO-HUE	2020/21-2	Wet	1/29/2021 10:28:00 AM	2/10/2021 12:24:00 AM	Benzo(a)pyrene	n/a	<	2	µg/L	EPA 625.1	2	5	WKL	
MO-HUE	2020/21-2	Wet	1/29/2021 10:28:00 AM	2/27/2021 5:29:00 PM	Benzo(a)pyrene	n/a	DNQ	0.42	µg/L	EPA 8270C	0.26	0.5	WKL	
MO-HUE	2020/21-2	Wet	1/29/2021 10:28:00 AM	2/12/2021 10:30:00 AM	Benzo(a)pyrene	n/a	<	0.2	µg/L	EPA 525.2	0.2	1	WKL	
MO-HUE	2020/21-2	Wet	1/29/2021 10:28:00 AM	2/10/2021 12:24:00 AM	Benzo(b)fluoranthene	n/a	<	2.3	µg/L	EPA 625.1	2.3	5	WKL	
MO-HUE	2020/21-2	Wet	1/29/2021 10:28:00 AM	2/27/2021 5:29:00 PM	Benzo(b)fluoranthene	n/a	DNQ	0.38	µg/L	EPA 8270C	0.14	0.5	WKL	
MO-HUE	2020/21-2	Wet	1/29/2021 10:28:00 AM	2/27/2021 5:29:00 PM	Benzo(g,h,i)perylene	n/a	<	0.25	µg/L	EPA 8270C	0.25	0.5	WKL	
MO-HUE	2020/21-2	Wet	1/29/2021 10:28:00 AM	2/10/2021 12:24:00 AM	Benzo(g,h,i)perylene	n/a	<	2.1	µg/L	EPA 625.1	2.1	10	WKL	
MO-HUE	2020/21-2	Wet	1/29/2021 10:28:00 AM	2/10/2021 12:24:00 AM	Benzo(k)fluoranthene	n/a	<	1.1	µg/L	EPA 625.1	1.1	5	WKL	
MO-HUE	2020/21-2	Wet	1/29/2021 10:28:00 AM	2/27/2021 5:29:00 PM	Benzo(k)fluoranthene	n/a	<	0.13	µg/L	EPA 8270C	0.13	0.5	WKL	
MO-HUE	2020/21-2	Wet	1/29/2021 10:28:00 AM	2/10/2021 12:24:00 AM	Bis(2-chloroethoxy)methane	n/a	<	1.2	µg/L	EPA 625.1	1.2	5	WKL	
MO-HUE	2020/21-2	Wet	1/29/2021 10:28:00 AM	2/10/2021 12:24:00 AM	Bis(2-chloroethyl)ether	n/a	<	1.4	µg/L	EPA 625.1	1.4	5	WKL	
MO-HUE	2020/21-2	Wet	1/29/2021 10:28:00 AM	2/10/2021 12:24:00 AM	Bis(2-chloroisopropyl)ether	n/a	<	1.9	µg/L	EPA 625.1	1.9	5	WKL	
MO-HUE	2020/21-2	Wet	1/29/2021 10:28:00 AM	2/12/2021 10:30:00 AM	Bis(2-ethylhexyl)adipate	n/a	<	1.2	µg/L	EPA 525.2	1.2	50	WKL	
MO-HUE	2020/21-2	Wet	1/29/2021 10:28:00 AM	2/12/2021 10:30:00 AM	Bis(2-ethylhexyl)phthalate	n/a	<	4.1	µg/L	EPA 525.2	4.1	30	WKL	
MO-HUE	2020/21-2	Wet	1/29/2021 10:28:00 AM	2/10/2021 12:24:00 AM	Bis(2-ethylhexyl)phthalate	n/a	<	12	µg/L	EPA 625.1	12	25	WKL	
MO-HUE	2020/21-2	Wet	1/29/2021 10:28:00 AM	2/10/2021 12:24:00 AM	Butyl benzyl phthalate	n/a	<	0.9	µg/L	EPA 625.1	0.9	5	WKL	
MO-HUE	2020/21-2	Wet	1/29/2021 10:28:00 AM	2/10/2021 12:24:00 AM	Chrysene	n/a	<	0.95	µg/L	EPA 625.1	0.95	5	WKL	
MO-HUE	2020/21-2	Wet	1/29/2021 10:28:00 AM	2/27/2021 5:29:00 PM	Chrysene	n/a	<	0.16	µg/L	EPA 8270C	0.16	0.5	WKL	
MO-HUE	2020/21-2	Wet	1/29/2021 10:28:00 AM	2/27/2021 5:29:00 PM	Dibenz(a,h)anthracene	n/a	<	0.48	µg/L	EPA 8270C	0.48	0.5	WKL	
MO-HUE	2020/21-2	Wet	1/29/2021 10:28:00 AM	2/10/2021 12:24:00 AM	Dibenz(a,h)anthracene	n/a	<	2.6	µg/L	EPA 625.1	2.6	10	WKL	
MO-HUE	2020/21-2	Wet	1/29/2021 10:28:00 AM	2/10/2021 12:24:00 AM	Diethyl phthalate	n/a	<	0.75	µg/L	EPA 625.1	0.75	5	WKL	
MO-HUE	2020/21-2	Wet	1/29/2021 10:28:00 AM	2/10/2021 12:24:00 AM	Dimethyl phthalate	n/a	DNQ	1.6	µg/L	EPA 625.1	0.9	5	WKL	
MO-HUE	2020/21-2	Wet	1/29/2021 10:28:00 AM	2/10/2021 12:24:00 AM	Di-n-butylphthalate	n/a	<	0.5	µg/L	EPA 625.1	0.5	5	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-HUE	2020/21-2	Wet	1/29/2021 10:28:00 AM	2/10/2021 12:24:00 AM	Di-n-octylphthalate	n/a	<	2.3	µg/L	EPA 625.1	2.3	5	WKL	
MO-HUE	2020/21-2	Wet	1/29/2021 10:28:00 AM	2/10/2021 12:24:00 AM	Fluoranthene	n/a	<	0.4	µg/L	EPA 625.1	0.4	5	WKL	
MO-HUE	2020/21-2	Wet	1/29/2021 10:28:00 AM	2/27/2021 5:29:00 PM	Fluoranthene	n/a	<	0.2	µg/L	EPA 8270C	0.2	0.5	WKL	
MO-HUE	2020/21-2	Wet	1/29/2021 10:28:00 AM	2/10/2021 12:24:00 AM	Fluorene	n/a	<	1.8	µg/L	EPA 625.1	1.8	5	WKL	
MO-HUE	2020/21-2	Wet	1/29/2021 10:28:00 AM	2/27/2021 5:29:00 PM	Fluorene	n/a	<	0.14	µg/L	EPA 8270C	0.14	0.5	WKL	
MO-HUE	2020/21-2	Wet	1/29/2021 10:28:00 AM	2/10/2021 12:24:00 AM	Hexachlorobenzene	n/a	<	2.4	µg/L	EPA 625.1	2.4	5	WKL	
MO-HUE	2020/21-2	Wet	1/29/2021 10:28:00 AM	2/10/2021 12:24:00 AM	Hexachlorobutadiene	n/a	<	2.4	µg/L	EPA 625.1	2.4	5	WKL	
MO-HUE	2020/21-2	Wet	1/29/2021 10:28:00 AM	2/10/2021 12:24:00 AM	Hexachlorocyclopentadiene	n/a	<	4.9	µg/L	EPA 625.1	4.9	25	WKL	
MO-HUE	2020/21-2	Wet	1/29/2021 10:28:00 AM	2/10/2021 12:24:00 AM	Hexachloroethane	n/a	<	2.5	µg/L	EPA 625.1	2.5	5	WKL	
MO-HUE	2020/21-2	Wet	1/29/2021 10:28:00 AM	2/10/2021 12:24:00 AM	Indeno(1,2,3-cd)pyrene	n/a	<	2.8	µg/L	EPA 625.1	2.8	10	WKL	
MO-HUE	2020/21-2	Wet	1/29/2021 10:28:00 AM	2/27/2021 5:29:00 PM	Indeno(1,2,3-cd)pyrene	n/a	<	0.32	µg/L	EPA 8270C	0.32	0.5	WKL	
MO-HUE	2020/21-2	Wet	1/29/2021 10:28:00 AM	2/10/2021 12:24:00 AM	Isophorone	n/a	<	1	µg/L	EPA 625.1	1	5	WKL	
MO-HUE	2020/21-2	Wet	1/29/2021 10:28:00 AM	2/10/2021 12:24:00 AM	Naphthalene	n/a	<	2.4	µg/L	EPA 625.1	2.4	5	WKL	
MO-HUE	2020/21-2	Wet	1/29/2021 10:28:00 AM	2/27/2021 5:29:00 PM	Naphthalene	n/a	<	0.13	µg/L	EPA 8270C	0.13	0.5	WKL	
MO-HUE	2020/21-2	Wet	1/29/2021 10:28:00 AM	2/10/2021 12:24:00 AM	Nitrobenzene	n/a	<	1.8	µg/L	EPA 625.1	1.8	5	WKL	
MO-HUE	2020/21-2	Wet	1/29/2021 10:28:00 AM	2/10/2021 12:24:00 AM	N-Nitrosodimethylamine	n/a	<	2.5	µg/L	EPA 625.1	2.5	5	WKL	
MO-HUE	2020/21-2	Wet	1/29/2021 10:28:00 AM	2/10/2021 12:24:00 AM	N-Nitrosodi-N-propylamine	n/a	<	1.3	µg/L	EPA 625.1	1.3	5	WKL	
MO-HUE	2020/21-2	Wet	1/29/2021 10:28:00 AM	2/10/2021 12:24:00 AM	N-Nitrosodiphenylamine	n/a	<	0.95	µg/L	EPA 625.1	0.95	5	WKL	
MO-HUE	2020/21-2	Wet	1/29/2021 10:28:00 AM	2/10/2021 12:24:00 AM	Phenanthrene	n/a	<	1.6	µg/L	EPA 625.1	1.6	5	WKL	
MO-HUE	2020/21-2	Wet	1/29/2021 10:28:00 AM	2/27/2021 5:29:00 PM	Phenanthrene	n/a	<	0.14	µg/L	EPA 8270C	0.14	0.5	WKL	
MO-HUE	2020/21-2	Wet	1/29/2021 10:28:00 AM	2/10/2021 12:24:00 AM	Phenol	n/a	<	0.8	µg/L	EPA 625.1	0.8	5	WKL	
MO-HUE	2020/21-2	Wet	1/29/2021 10:28:00 AM	3/5/2021 7:52:00 AM	Phenol	n/a	<	1.8	µg/L	EPA 8270C	1.8	5	WKL	
MO-HUE	2020/21-2	Wet	1/29/2021 10:28:00 AM	2/10/2021 12:24:00 AM	Pyrene	n/a	<	1.2	µg/L	EPA 625.1	1.2	5	WKL	
MO-HUE	2020/21-2	Wet	1/29/2021 10:28:00 AM	2/27/2021 5:29:00 PM	Pyrene	n/a	<	0.2	µg/L	EPA 8270C	0.2	0.5	WKL	
MO-HUE	2020/21-2	Wet	1/29/2021 10:28:00 AM	2/17/2021 1:18:00 AM	PCB Aroclor 1016	n/a	<	5	µg/L	EPA 608.3	5	5	WKL	
MO-HUE	2020/21-2	Wet	1/29/2021 10:28:00 AM	2/17/2021 1:18:00 AM	PCB Aroclor 1221	n/a	<	5	µg/L	EPA 608.3	5	5	WKL	
MO-HUE	2020/21-2	Wet	1/29/2021 10:28:00 AM	2/17/2021 1:18:00 AM	PCB Aroclor 1232	n/a	<	5	µg/L	EPA 608.3	5	5	WKL	
MO-HUE	2020/21-2	Wet	1/29/2021 10:28:00 AM	2/17/2021 1:18:00 AM	PCB Aroclor 1242	n/a	<	5	µg/L	EPA 608.3	5	5	WKL	
MO-HUE	2020/21-2	Wet	1/29/2021 10:28:00 AM	2/17/2021 1:18:00 AM	PCB Aroclor 1248	n/a	<	5	µg/L	EPA 608.3	5	5	WKL	
MO-HUE	2020/21-2	Wet	1/29/2021 10:28:00 AM	2/17/2021 1:18:00 AM	PCB Aroclor 1254	n/a	<	5	µg/L	EPA 608.3	5	5	WKL	
MO-HUE	2020/21-2	Wet	1/29/2021 10:28:00 AM	2/17/2021 1:18:00 AM	PCB Aroclor 1260	n/a	<	5	µg/L	EPA 608.3	5	5	WKL	
MO-HUE	2020/21-2	Wet	1/29/2021 10:28:00 AM	2/13/2021 7:02:00 AM	2,4,5-T	n/a	<	0.55	µg/L	EPA 515.4	0.55	2	WKL	
MO-HUE	2020/21-2	Wet	1/29/2021 10:28:00 AM	2/13/2021 7:02:00 AM	2,4,5-TP	n/a	<	0.46	µg/L	EPA 515.4	0.46	2	WKL	
MO-HUE	2020/21-2	Wet	1/29/2021 10:28:00 AM	2/13/2021 7:02:00 AM	2,4-D	n/a	<	1.4	µg/L	EPA 515.4	1.4	4	WKL	
MO-HUE	2020/21-2	Wet	1/29/2021 10:28:00 AM	2/13/2021 7:02:00 AM	2,4-DB	n/a	<	1.9	µg/L	EPA 515.4	1.9	20	WKL	
MO-HUE	2020/21-2	Wet	1/29/2021 10:28:00 AM	2/13/2021 7:02:00 AM	3,5-Dichlorobenzoic acid	n/a	<	1.2	µg/L	EPA 515.4	1.2	10	WKL	
MO-HUE	2020/21-2	Wet	1/29/2021 10:28:00 AM	2/17/2021 1:18:00 AM	4,4'-DDD	n/a	<	0.007	µg/L	EPA 608.3	0.007	0.5	WKL	
MO-HUE	2020/21-2	Wet	1/29/2021 10:28:00 AM	2/17/2021 1:18:00 AM	4,4'-DDE	n/a	<	0.007	µg/L	EPA 608.3	0.007	0.5	WKL	
MO-HUE	2020/21-2	Wet	1/29/2021 10:28:00 AM	2/17/2021 1:18:00 AM	4,4'-DDT	n/a	<	0.1	µg/L	EPA 608.3	0.1	0.1	WKL	
MO-HUE	2020/21-2	Wet	1/29/2021 10:28:00 AM	2/13/2021 7:02:00 AM	Acifluorfen	n/a	<	0.72	µg/L	EPA 515.4	0.72	4	WKL	
MO-HUE	2020/21-2	Wet	1/29/2021 10:28:00 AM	2/12/2021 10:30:00 AM	Alachlor	n/a	<	0.3	µg/L	EPA 525.2	0.3	1	WKL	
MO-HUE	2020/21-2	Wet	1/29/2021 10:28:00 AM	2/17/2021 1:18:00 AM	Aldrin	n/a	<	0.01	µg/L	EPA 608.3	0.01	0.05	WKL	
MO-HUE	2020/21-2	Wet	1/29/2021 10:28:00 AM	2/17/2021 1:18:00 AM	alpha-BHC	n/a	<	0.011	µg/L	EPA 608.3	0.011	0.1	WKL	
MO-HUE	2020/21-2	Wet	1/29/2021 10:28:00 AM	2/17/2021 1:18:00 AM	alpha-Chlordane	n/a	<	0.029	µg/L	EPA 608.3	0.029	0.1	WKL	
MO-HUE	2020/21-2	Wet	1/29/2021 10:28:00 AM	2/12/2021 10:30:00 AM	Atrazine	n/a	<	0.3	µg/L	EPA 525.2	0.3	1	WKL	
MO-HUE	2020/21-2	Wet	1/29/2021 10:28:00 AM	2/3/2021 10:51:00 PM	Azinphos methyl	n/a	<	0.028	µg/L	EPA 625.1m	0.028	0.05	WKL	
MO-HUE	2020/21-2	Wet	1/29/2021 10:28:00 AM	2/13/2021 7:02:00 AM	Bentazon	n/a	<	2.3	µg/L	EPA 515.4	2.3	20	WKL	
MO-HUE	2020/21-2	Wet	1/29/2021 10:28:00 AM	2/17/2021 1:18:00 AM	beta-BHC	n/a	<	0.05	µg/L	EPA 608.3	0.05	0.05	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-HUE	2020/21-2	Wet	1/29/2021 10:28:00 AM	2/3/2021 10:51:00 PM	Bolstar	n/a	<	0.023	µg/L	EPA 625.1m	0.023	0.05	WKL	
MO-HUE	2020/21-2	Wet	1/29/2021 10:28:00 AM	2/12/2021 10:30:00 AM	Bromacil	n/a	<	1.6	µg/L	EPA 525.2	1.6	5	WKL	
MO-HUE	2020/21-2	Wet	1/29/2021 10:28:00 AM	2/12/2021 10:30:00 AM	Butachlor	n/a	<	0.3	µg/L	EPA 525.2	0.3	1	WKL	
MO-HUE	2020/21-2	Wet	1/29/2021 10:28:00 AM	2/12/2021 10:30:00 AM	Captan	n/a	<	1.6	µg/L	EPA 525.2	1.6	10	WKL	
MO-HUE	2020/21-2	Wet	1/29/2021 10:28:00 AM	2/17/2021 1:18:00 AM	Chlordane (technical)	n/a	<	5	µg/L	EPA 608.3	5	5	WKL	
MO-HUE	2020/21-2	Wet	1/29/2021 10:28:00 AM	2/12/2021 10:30:00 AM	Chlorpropham	n/a	<	0.4	µg/L	EPA 525.2	0.4	1	WKL	
MO-HUE	2020/21-2	Wet	1/29/2021 10:28:00 AM	2/3/2021 10:51:00 PM	Chlorpyrifos	n/a	<	0.034	µg/L	EPA 625.1m	0.034	0.05	WKL	
MO-HUE	2020/21-2	Wet	1/29/2021 10:28:00 AM	2/3/2021 10:51:00 PM	Coumaphos	n/a	<	0.026	µg/L	EPA 625.1m	0.026	0.05	WKL	
MO-HUE	2020/21-2	Wet	1/29/2021 10:28:00 AM	2/12/2021 10:30:00 AM	Cyanazine	n/a	<	0.4	µg/L	EPA 525.2	0.4	1	WKL	
MO-HUE	2020/21-2	Wet	1/29/2021 10:28:00 AM	2/13/2021 7:02:00 AM	Dalapon	n/a	<	1.1	µg/L	EPA 515.4	1.1	4	WKL	
MO-HUE	2020/21-2	Wet	1/29/2021 10:28:00 AM	2/13/2021 7:02:00 AM	DCPA (Dacthal)	n/a	<	0.53	µg/L	EPA 515.4	0.53	1	WKL	
MO-HUE	2020/21-2	Wet	1/29/2021 10:28:00 AM	2/17/2021 1:18:00 AM	delta-BHC	n/a	<	0.019	µg/L	EPA 608.3	0.019	0.05	WKL	
MO-HUE	2020/21-2	Wet	1/29/2021 10:28:00 AM	2/3/2021 10:51:00 PM	Demeton-O	n/a	<	0.05	µg/L	EPA 625.1m	0.05	0.05	WKL	
MO-HUE	2020/21-2	Wet	1/29/2021 10:28:00 AM	2/3/2021 10:51:00 PM	Demeton-S	n/a	<	0.05	µg/L	EPA 625.1m	0.05	0.05	WKL	
MO-HUE	2020/21-2	Wet	1/29/2021 10:28:00 AM	2/3/2021 10:51:00 PM	Diazinon	n/a	<	0.026	µg/L	EPA 625.1m	0.026	0.05	WKL	
MO-HUE	2020/21-2	Wet	1/29/2021 10:28:00 AM	2/12/2021 10:30:00 AM	Diazinon	n/a	<	0.5	µg/L	EPA 525.2	0.5	1	WKL	
MO-HUE	2020/21-2	Wet	1/29/2021 10:28:00 AM	2/13/2021 7:02:00 AM	Dicamba	n/a	<	0.75	µg/L	EPA 515.4	0.75	6	WKL	
MO-HUE	2020/21-2	Wet	1/29/2021 10:28:00 AM	2/13/2021 7:02:00 AM	Dichlorprop	n/a	<	1.2	µg/L	EPA 515.4	1.2	3	WKL	
MO-HUE	2020/21-2	Wet	1/29/2021 10:28:00 AM	2/3/2021 10:51:00 PM	Dichlorvos	n/a	<	0.014	µg/L	EPA 625.1m	0.014	0.05	WKL	
MO-HUE	2020/21-2	Wet	1/29/2021 10:28:00 AM	2/17/2021 1:18:00 AM	Dieldrin	n/a	<	0.008	µg/L	EPA 608.3	0.008	0.1	WKL	
MO-HUE	2020/21-2	Wet	1/29/2021 10:28:00 AM	2/12/2021 10:30:00 AM	Dimethoate	n/a	<	0.2	µg/L	EPA 525.2	0.2	2	WKL	
MO-HUE	2020/21-2	Wet	1/29/2021 10:28:00 AM	2/3/2021 10:51:00 PM	Dimethoate	n/a	<	0.031	µg/L	EPA 625.1m	0.031	0.05	WKL	
MO-HUE	2020/21-2	Wet	1/29/2021 10:28:00 AM	2/13/2021 7:02:00 AM	Dinoseb	n/a	<	0.55	µg/L	EPA 515.4	0.55	4	WKL	
MO-HUE	2020/21-2	Wet	1/29/2021 10:28:00 AM	2/12/2021 10:30:00 AM	Diphenamid	n/a	<	0.3	µg/L	EPA 525.2	0.3	1	WKL	
MO-HUE	2020/21-2	Wet	1/29/2021 10:28:00 AM	2/3/2021 10:51:00 PM	Disulfoton	n/a	<	0.05	µg/L	EPA 625.1m	0.05	0.05	WKL	
MO-HUE	2020/21-2	Wet	1/29/2021 10:28:00 AM	2/12/2021 10:30:00 AM	Disulfoton	n/a	<	0.4	µg/L	EPA 525.2	0.4	1	WKL	
MO-HUE	2020/21-2	Wet	1/29/2021 10:28:00 AM	2/17/2021 1:18:00 AM	Endosulfan I	n/a	<	0.009	µg/L	EPA 608.3	0.009	0.2	WKL	
MO-HUE	2020/21-2	Wet	1/29/2021 10:28:00 AM	2/17/2021 1:18:00 AM	Endosulfan II	n/a	<	0.007	µg/L	EPA 608.3	0.007	0.1	WKL	
MO-HUE	2020/21-2	Wet	1/29/2021 10:28:00 AM	2/17/2021 1:18:00 AM	Endosulfan sulfate	n/a	<	0.013	µg/L	EPA 608.3	0.013	0.5	WKL	
MO-HUE	2020/21-2	Wet	1/29/2021 10:28:00 AM	2/17/2021 1:18:00 AM	Endrin	n/a	<	0.017	µg/L	EPA 608.3	0.017	0.1	WKL	
MO-HUE	2020/21-2	Wet	1/29/2021 10:28:00 AM	2/17/2021 1:18:00 AM	Endrin aldehyde	n/a	<	0.019	µg/L	EPA 608.3	0.019	0.1	WKL	
MO-HUE	2020/21-2	Wet	1/29/2021 10:28:00 AM	2/12/2021 10:30:00 AM	EPTC	n/a	<	0.2	µg/L	EPA 525.2	0.2	1	WKL	
MO-HUE	2020/21-2	Wet	1/29/2021 10:28:00 AM	2/3/2021 10:51:00 PM	Ethoprop	n/a	<	0.034	µg/L	EPA 625.1m	0.034	0.05	WKL	
MO-HUE	2020/21-2	Wet	1/29/2021 10:28:00 AM	2/3/2021 10:51:00 PM	Ethyl parathion	n/a	<	0.027	µg/L	EPA 625.1m	0.027	0.05	WKL	
MO-HUE	2020/21-2	Wet	1/29/2021 10:28:00 AM	2/3/2021 10:51:00 PM	Fensulfothion	n/a	<	0.014	µg/L	EPA 625.1m	0.014	0.05	WKL	
MO-HUE	2020/21-2	Wet	1/29/2021 10:28:00 AM	2/3/2021 10:51:00 PM	Fenthion	n/a	<	0.019	µg/L	EPA 625.1m	0.019	0.05	WKL	
MO-HUE	2020/21-2	Wet	1/29/2021 10:28:00 AM	2/17/2021 1:18:00 AM	gamma-BHC (Lindane)	n/a	<	0.2	µg/L	EPA 608.3	0.2	0.2	WKL	
MO-HUE	2020/21-2	Wet	1/29/2021 10:28:00 AM	2/17/2021 1:18:00 AM	gamma-Chlordane	n/a	<	0.1	µg/L	EPA 608.3	0.1	0.1	WKL	
MO-HUE	2020/21-2	Wet	1/29/2021 10:28:00 AM	2/3/2021 6:31:00 PM	Glyphosate	n/a	=	5.1	µg/L	EPA 547	1.8	5	WKL	
MO-HUE	2020/21-2	Wet	1/29/2021 10:28:00 AM	2/17/2021 1:18:00 AM	Heptachlor	n/a	<	0.006	µg/L	EPA 608.3	0.006	0.1	WKL	
MO-HUE	2020/21-2	Wet	1/29/2021 10:28:00 AM	2/17/2021 1:18:00 AM	Heptachlor epoxide	n/a	<	0.004	µg/L	EPA 608.3	0.004	0.1	WKL	
MO-HUE	2020/21-2	Wet	1/29/2021 10:28:00 AM	2/3/2021 10:51:00 PM	Malathion	n/a	<	0.038	µg/L	EPA 625.1m	0.038	0.05	WKL	
MO-HUE	2020/21-2	Wet	1/29/2021 10:28:00 AM	2/3/2021 10:51:00 PM	Merphos	n/a	<	0.029	µg/L	EPA 625.1m	0.029	0.05	WKL	
MO-HUE	2020/21-2	Wet	1/29/2021 10:28:00 AM	2/17/2021 1:18:00 AM	Methoxychlor	n/a	<	0.2	µg/L	EPA 608.3	0.2	0.2	WKL	
MO-HUE	2020/21-2	Wet	1/29/2021 10:28:00 AM	2/3/2021 10:51:00 PM	Methyl parathion	n/a	<	0.032	µg/L	EPA 625.1m	0.032	0.05	WKL	
MO-HUE	2020/21-2	Wet	1/29/2021 10:28:00 AM	2/12/2021 10:30:00 AM	Metolachlor	n/a	<	0.3	µg/L	EPA 525.2	0.3	1	WKL	
MO-HUE	2020/21-2	Wet	1/29/2021 10:28:00 AM	2/12/2021 10:30:00 AM	Metribuzin	n/a	<	0.3	µg/L	EPA 525.2	0.3	1	WKL	
MO-HUE	2020/21-2	Wet	1/29/2021 10:28:00 AM	2/3/2021 10:51:00 PM	Mevinphos	n/a	<	0.021	µg/L	EPA 625.1m	0.021	0.05	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-HUE	2020/21-2	Wet	1/29/2021 10:28:00 AM	2/12/2021 10:30:00 AM	Molinate	n/a	<	0.3	µg/L	EPA 525.2	0.3	1	WKL	
MO-HUE	2020/21-2	Wet	1/29/2021 10:28:00 AM	2/3/2021 10:51:00 PM	Naled	n/a	<	0.038	µg/L	EPA 625.1m	0.038	0.05	WKL	
MO-HUE	2020/21-2	Wet	1/29/2021 10:28:00 AM	2/13/2021 7:02:00 AM	Pentachlorophenol	n/a	<	0.46	µg/L	EPA 515.4	0.46	2	WKL	
MO-HUE	2020/21-2	Wet	1/29/2021 10:28:00 AM	3/5/2021 7:52:00 AM	Pentachlorophenol	n/a	<	0.75	µg/L	EPA 8270C	0.75	5	WKL	
MO-HUE	2020/21-2	Wet	1/29/2021 10:28:00 AM	2/10/2021 12:24:00 AM	Pentachlorophenol	n/a	<	2	µg/L	EPA 625.1	2	5	WKL	
MO-HUE	2020/21-2	Wet	1/29/2021 10:28:00 AM	2/3/2021 10:51:00 PM	Phorate	n/a	<	0.015	µg/L	EPA 625.1m	0.015	0.05	WKL	
MO-HUE	2020/21-2	Wet	1/29/2021 10:28:00 AM	2/13/2021 7:02:00 AM	Picloram	n/a	<	0.38	µg/L	EPA 515.4	0.38	6	WKL	
MO-HUE	2020/21-2	Wet	1/29/2021 10:28:00 AM	2/12/2021 10:30:00 AM	Prometon	n/a	<	0.1	µg/L	EPA 525.2	0.1	1	WKL	
MO-HUE	2020/21-2	Wet	1/29/2021 10:28:00 AM	2/12/2021 10:30:00 AM	Prometryn	n/a	<	0.3	µg/L	EPA 525.2	0.3	1	WKL	
MO-HUE	2020/21-2	Wet	1/29/2021 10:28:00 AM	2/3/2021 10:51:00 PM	Ronnel (Fenchlorphos)	n/a	<	0.02	µg/L	EPA 625.1m	0.02	0.05	WKL	
MO-HUE	2020/21-2	Wet	1/29/2021 10:28:00 AM	2/12/2021 10:30:00 AM	Simazine	n/a	<	0.2	µg/L	EPA 525.2	0.2	1	WKL	
MO-HUE	2020/21-2	Wet	1/29/2021 10:28:00 AM	2/3/2021 10:51:00 PM	Stirophos (Tetrachlorvinphos)	n/a	<	0.016	µg/L	EPA 625.1m	0.016	0.05	WKL	
MO-HUE	2020/21-2	Wet	1/29/2021 10:28:00 AM	2/12/2021 10:30:00 AM	Terbacil	n/a	<	0.9	µg/L	EPA 525.2	0.9	20	WKL	
MO-HUE	2020/21-2	Wet	1/29/2021 10:28:00 AM	2/12/2021 10:30:00 AM	Thiobencarb	n/a	<	0.3	µg/L	EPA 525.2	0.3	1	WKL	
MO-HUE	2020/21-2	Wet	1/29/2021 10:28:00 AM	2/3/2021 10:51:00 PM	Tokuthion	n/a	<	0.039	µg/L	EPA 625.1m	0.039	0.05	WKL	
MO-HUE	2020/21-2	Wet	1/29/2021 10:28:00 AM	2/17/2021 1:18:00 AM	Toxaphene	n/a	<	10	µg/L	EPA 608.3	10	10	WKL	
MO-HUE	2020/21-2	Wet	1/29/2021 10:28:00 AM	2/3/2021 10:51:00 PM	Trichloronate	n/a	<	0.034	µg/L	EPA 625.1m	0.034	0.05	WKL	
MO-HUE	2020/21-2	Wet	1/29/2021 10:28:00 AM	2/12/2021 10:30:00 AM	Trithion	n/a	<	0.2	µg/L	EPA 525.2	0.2	1	WKL	
MO-HUE	2020/21-3	Wet	3/10/2021 3:05:00 AM	3/10/2021 3:05:00 AM	Conductivity	n/a	=	8970	µmhos/cm	Field Meter	-88	1	Field Crew	
MO-HUE	2020/21-3	Wet	3/10/2021 3:05:00 AM	3/15/2021 4:48:00 PM	Cyanide	Total	=	0.0058	mg/L	ASTM D7511	0.0003	0.002	WKL	
MO-HUE	2020/21-3	Wet	3/10/2021 3:05:00 AM	3/10/2021 3:05:00 AM	DO	n/a	=	6.26	mg/L	Field Meter	-88	0.3	Field Crew	
MO-HUE	2020/21-3	Wet	3/10/2021 3:05:00 AM	3/10/2021 3:05:00 AM	DO	n/a	=	64.7	%	Field Meter	-88	0.1	Field Crew	
MO-HUE	2020/21-3	Wet	3/10/2021 3:05:00 AM	3/10/2021 3:05:00 AM	pH	n/a	=	7.57	pH Units	Field Meter	-88	0.01	Field Crew	
MO-HUE	2020/21-3	Wet	3/10/2021 3:05:00 AM	3/10/2021 3:05:00 AM	Salinity	n/a	=	6400	mg/L	Field Meter	-88	100	Field Crew	
MO-HUE	2020/21-3	Wet	3/10/2021 3:05:00 AM	3/10/2021 3:05:00 AM	Specific Conductance	n/a	=	11270	µmhos/cm	Field Meter	-88	1	Field Crew	
MO-HUE	2020/21-3	Wet	3/10/2021 3:05:00 AM	3/10/2021 3:05:00 AM	Temperature	n/a	=	14.3	°C	Field Meter	-88	0.1	Field Crew	
MO-HUE	2020/21-3	Wet	3/10/2021 3:05:00 AM	3/24/2021 5:28:00 PM	Oil and Grease	n/a	<	0.7	mg/L	EPA 1664B	0.7	5	WKL	
MO-HUE	2020/21-3	Wet	3/10/2021 11:15:00 AM	3/13/2021 8:38:00 AM	Chloride	n/a	=	3100	mg/L	EPA 300.0	3.4	20	WKL	
MO-HUE	2020/21-3	Wet	3/10/2021 11:15:00 AM	3/13/2021 3:15:00 AM	Fluoride	n/a	DNQ	0.47	mg/L	EPA 300.0	0.09	1	WKL	
MO-HUE	2020/21-3	Wet	3/10/2021 11:15:00 AM	3/20/2021 4:49:00 AM	Perchlorate	n/a	<	8.4	µg/L	EPA 314.0	8.4	20	WKL	
MO-HUE	2020/21-3	Wet	3/10/2021 11:15:00 AM	3/18/2021 7:51:00 PM	Calcium	Total	=	247	mg/L	EPA 200.7	0.16	0.5	WKL	
MO-HUE	2020/21-3	Wet	3/10/2021 11:15:00 AM	3/19/2021 4:30:00 PM	Magnesium	Total	=	288	mg/L	EPA 200.7	0.078	1	WKL	
MO-HUE	2020/21-3	Wet	3/10/2021 11:15:00 AM	3/11/2021 1:46:00 PM	Alkalinity as CaCO3	n/a	=	290	mg/L	SM 2320 B	0.56	5	WKL	
MO-HUE	2020/21-3	Wet	3/10/2021 11:15:00 AM	3/16/2021 4:57:00 PM	BOD	n/a	=	14	mg/L	SM 5210 B	2	2	WKL	
MO-HUE	2020/21-3	Wet	3/10/2021 11:15:00 AM	3/18/2021 11:59:00 AM	COD	n/a	=	58	mg/L	EPA 410.4	2.9	5	WKL	
MO-HUE	2020/21-3	Wet	3/10/2021 11:15:00 AM	3/19/2021 4:30:00 PM	Hardness as CaCO3	Total	=	1800	mg/L	EPA 200.7	0.721	5.37	WKL	
MO-HUE	2020/21-3	Wet	3/10/2021 11:15:00 AM	3/11/2021 9:02:00 PM	MBAS	n/a	=	0.11	mg/L	SM 5540 C	0.017	0.05	WKL	
MO-HUE	2020/21-3	Wet	3/10/2021 11:15:00 AM	3/23/2021 1:45:00 PM	Phenolics	n/a	=	0.16	mg/L	EPA 420.4	0.0032	0.01	WKL	
MO-HUE	2020/21-3	Wet	3/10/2021 11:15:00 AM	3/26/2021 12:08:00 PM	Specific Conductance	n/a	=	14000	µmhos/cm	SM 2510 B	0.23	2	WKL	
MO-HUE	2020/21-3	Wet	3/10/2021 11:15:00 AM	3/15/2021 6:00:00 PM	Total Dissolved Solids	n/a	=	7800	mg/L	SM 2540 C	4	10	WKL	
MO-HUE	2020/21-3	Wet	3/10/2021 11:15:00 AM	4/5/2021	Total Organic Carbon	n/a	=	12	mg/L	SM 5310 B	1	1	WKL	
MO-HUE	2020/21-3	Wet	3/10/2021 11:15:00 AM	3/12/2021 4:29:00 PM	Total Suspended Solids	n/a	=	23	mg/L	SM 2540 D	-88	5	WKL	
MO-HUE	2020/21-3	Wet	3/10/2021 11:15:00 AM	3/11/2021 5:19:00 PM	Turbidity	n/a	=	9.5	NTU	EPA 180.1	0.017	0.1	WKL	
MO-HUE	2020/21-3	Wet	3/10/2021 11:15:00 AM	3/12/2021 4:29:00 PM	Volatile Suspended Solids	n/a	=	9	mg/L	EPA 160.4	3.1	5	WKL	
MO-HUE	2020/21-3	Wet	3/10/2021 11:15:00 AM	3/26/2021 4:48:00 AM	Diesel Range Organics	n/a	=	0.29	mg/L	EPA 8015B	0.064	0.2	WKL	
MO-HUE	2020/21-3	Wet	3/10/2021 11:15:00 AM	3/26/2021 4:48:00 AM	Oil Range Organics	n/a	<	0.66	mg/L	EPA 8015B	0.66	1	WKL	
MO-HUE	2020/21-3	Wet	3/10/2021 11:15:00 AM	3/18/2021 2:04:00 PM	Aluminum	Dissolved	DNQ	5.5	µg/L	EPA 200.8	4.4	20	WKL	
MO-HUE	2020/21-3	Wet	3/10/2021 11:15:00 AM	3/18/2021 2:06:00 PM	Aluminum	Total	=	190	µg/L	EPA 200.8	4.4	20	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-HUE	2020/21-3	Wet	3/10/2021 11:15:00 AM	3/18/2021 2:04:00 PM	Antimony	Dissolved	DNQ	0.34	µg/L	EPA 200.8	0.089	0.5	WKL	
MO-HUE	2020/21-3	Wet	3/10/2021 11:15:00 AM	3/18/2021 2:06:00 PM	Antimony	Total	DNQ	0.44	µg/L	EPA 200.8	0.089	0.5	WKL	
MO-HUE	2020/21-3	Wet	3/10/2021 11:15:00 AM	3/18/2021 2:04:00 PM	Arsenic	Dissolved	=	1.1	µg/L	EPA 200.8	0.074	0.4	WKL	
MO-HUE	2020/21-3	Wet	3/10/2021 11:15:00 AM	3/18/2021 2:06:00 PM	Arsenic	Total	=	1.8	µg/L	EPA 200.8	0.074	0.4	WKL	
MO-HUE	2020/21-3	Wet	3/10/2021 11:15:00 AM	3/18/2021 2:06:00 PM	Barium	Total	=	62	µg/L	EPA 200.8	0.14	1	WKL	
MO-HUE	2020/21-3	Wet	3/10/2021 11:15:00 AM	3/18/2021 2:04:00 PM	Beryllium	Dissolved	<	0.062	µg/L	EPA 200.8	0.062	0.1	WKL	
MO-HUE	2020/21-3	Wet	3/10/2021 11:15:00 AM	3/18/2021 2:06:00 PM	Beryllium	Total	<	0.062	µg/L	EPA 200.8	0.062	0.1	WKL	
MO-HUE	2020/21-3	Wet	3/10/2021 11:15:00 AM	3/18/2021 2:04:00 PM	Cadmium	Dissolved	<	0.042	µg/L	EPA 200.8	0.042	0.2	WKL	
MO-HUE	2020/21-3	Wet	3/10/2021 11:15:00 AM	3/18/2021 2:06:00 PM	Cadmium	Total	DNQ	0.076	µg/L	EPA 200.8	0.042	0.2	WKL	
MO-HUE	2020/21-3	Wet	3/10/2021 11:15:00 AM	3/18/2021 2:04:00 PM	Chromium	Dissolved	=	0.21	µg/L	EPA 200.8	0.089	0.2	WKL	UL-MB
MO-HUE	2020/21-3	Wet	3/10/2021 11:15:00 AM	3/18/2021 2:06:00 PM	Chromium	Total	=	0.56	µg/L	EPA 200.8	0.089	0.2	WKL	
MO-HUE	2020/21-3	Wet	3/10/2021 11:15:00 AM	3/30/2021 4:00:00 PM	Chromium VI	n/a	<	0.79	µg/L	EPA 218.6	0.79	2	WKL	EST-HT
MO-HUE	2020/21-3	Wet	3/10/2021 11:15:00 AM	3/18/2021 2:04:00 PM	Copper	Dissolved	=	1.9	µg/L	EPA 200.8	0.23	0.5	WKL	
MO-HUE	2020/21-3	Wet	3/10/2021 11:15:00 AM	3/18/2021 2:06:00 PM	Copper	Total	=	3.9	µg/L	EPA 200.8	0.23	0.5	WKL	
MO-HUE	2020/21-3	Wet	3/10/2021 11:15:00 AM	3/18/2021 2:04:00 PM	Iron	Dissolved	=	51	µg/L	EPA 200.8	3.9	20	WKL	
MO-HUE	2020/21-3	Wet	3/10/2021 11:15:00 AM	3/18/2021 2:06:00 PM	Iron	Total	=	1500	µg/L	EPA 200.8	3.9	20	WKL	
MO-HUE	2020/21-3	Wet	3/10/2021 11:15:00 AM	3/18/2021 2:04:00 PM	Lead	Dissolved	<	0.083	µg/L	EPA 200.8	0.083	0.2	WKL	
MO-HUE	2020/21-3	Wet	3/10/2021 11:15:00 AM	3/18/2021 2:06:00 PM	Lead	Total	=	0.6	µg/L	EPA 200.8	0.083	0.2	WKL	
MO-HUE	2020/21-3	Wet	3/10/2021 11:15:00 AM	3/18/2021 4:14:00 PM	Mercury	Dissolved	<	17	ng/L	EPA 245.1	17	50	WKL	
MO-HUE	2020/21-3	Wet	3/10/2021 11:15:00 AM	3/18/2021 4:16:00 PM	Mercury	Total	<	17	ng/L	EPA 245.1	17	50	WKL	
MO-HUE	2020/21-3	Wet	3/10/2021 11:15:00 AM	3/18/2021 2:04:00 PM	Nickel	Dissolved	=	2	µg/L	EPA 200.8	0.16	2	WKL	
MO-HUE	2020/21-3	Wet	3/10/2021 11:15:00 AM	3/18/2021 2:06:00 PM	Nickel	Total	=	2.4	µg/L	EPA 200.8	0.16	2	WKL	
MO-HUE	2020/21-3	Wet	3/10/2021 11:15:00 AM	3/18/2021 2:04:00 PM	Selenium	Dissolved	DNQ	0.21	µg/L	EPA 200.8	0.067	0.4	WKL	
MO-HUE	2020/21-3	Wet	3/10/2021 11:15:00 AM	3/18/2021 2:06:00 PM	Selenium	Total	DNQ	0.27	µg/L	EPA 200.8	0.067	0.4	WKL	
MO-HUE	2020/21-3	Wet	3/10/2021 11:15:00 AM	3/18/2021 2:04:00 PM	Silver	Dissolved	DNQ	0.1	µg/L	EPA 200.8	0.03	0.2	WKL	
MO-HUE	2020/21-3	Wet	3/10/2021 11:15:00 AM	3/18/2021 2:06:00 PM	Silver	Total	DNQ	0.033	µg/L	EPA 200.8	0.03	0.2	WKL	
MO-HUE	2020/21-3	Wet	3/10/2021 11:15:00 AM	3/18/2021 2:04:00 PM	Thallium	Dissolved	<	0.021	µg/L	EPA 200.8	0.021	0.2	WKL	
MO-HUE	2020/21-3	Wet	3/10/2021 11:15:00 AM	3/18/2021 2:06:00 PM	Thallium	Total	<	0.021	µg/L	EPA 200.8	0.021	0.2	WKL	
MO-HUE	2020/21-3	Wet	3/10/2021 11:15:00 AM	3/18/2021 2:04:00 PM	Zinc	Dissolved	=	13	µg/L	EPA 200.8	0.8	10	WKL	
MO-HUE	2020/21-3	Wet	3/10/2021 11:15:00 AM	3/18/2021 2:06:00 PM	Zinc	Total	=	28	µg/L	EPA 200.8	0.8	10	WKL	
MO-HUE	2020/21-3	Wet	3/10/2021 11:15:00 AM	3/18/2021 4:00:00 PM	Ammonia as N	n/a	=	0.26	mg/L	EPA 350.1	0.047	0.1	WKL	
MO-HUE	2020/21-3	Wet	3/10/2021 11:15:00 AM	3/11/2021 9:29:00 PM	Nitrate + Nitrite as N	n/a	=	0.25	mg/L	EPA 353.2	0.036	0.2	WKL	
MO-HUE	2020/21-3	Wet	3/10/2021 11:15:00 AM	3/18/2021 7:48:00 PM	Phosphorus as P	Dissolved	DNQ	0.014	mg/L	EPA 200.7	0.012	0.02	WKL	
MO-HUE	2020/21-3	Wet	3/10/2021 11:15:00 AM	3/18/2021 7:51:00 PM	Phosphorus as P	Total	=	0.42	mg/L	EPA 200.7	0.018	0.05	WKL	
MO-HUE	2020/21-3	Wet	3/10/2021 11:15:00 AM	3/19/2021 4:29:00 PM	TKN	n/a	=	1.7	mg/L	EPA 351.2	0.065	0.1	WKL	
MO-HUE	2020/21-3	Wet	3/10/2021 11:15:00 AM	4/2/2021 5:51:00 AM	1,2,4-Trichlorobenzene	n/a	<	0.98	µg/L	EPA 625.1	0.98	2	WKL	
MO-HUE	2020/21-3	Wet	3/10/2021 11:15:00 AM	4/2/2021 5:51:00 AM	1,2-Dichlorobenzene	n/a	<	0.92	µg/L	EPA 625.1	0.92	2	WKL	
MO-HUE	2020/21-3	Wet	3/10/2021 11:15:00 AM	4/2/2021 5:51:00 AM	1,2-Diphenylhydrazine	n/a	<	0.6	µg/L	EPA 625.1	0.6	2	WKL	
MO-HUE	2020/21-3	Wet	3/10/2021 11:15:00 AM	4/2/2021 5:51:00 AM	1,3-Dichlorobenzene	n/a	<	0.84	µg/L	EPA 625.1	0.84	2	WKL	
MO-HUE	2020/21-3	Wet	3/10/2021 11:15:00 AM	4/2/2021 5:51:00 AM	1,4-Dichlorobenzene	n/a	<	0.96	µg/L	EPA 625.1	0.96	2	WKL	
MO-HUE	2020/21-3	Wet	3/10/2021 11:15:00 AM	3/27/2021 8:42:00 AM	1-Methylnaphthalene	n/a	<	0.048	µg/L	EPA 8270C	0.048	0.2	WKL	
MO-HUE	2020/21-3	Wet	3/10/2021 11:15:00 AM	3/26/2021 6:46:00 AM	2,4,5-Trichlorophenol	n/a	<	0.58	µg/L	EPA 8270C	0.58	2	WKL	
MO-HUE	2020/21-3	Wet	3/10/2021 11:15:00 AM	4/2/2021 5:51:00 AM	2,4,6-Trichlorophenol	n/a	<	0.44	µg/L	EPA 625.1	0.44	2	WKL	
MO-HUE	2020/21-3	Wet	3/10/2021 11:15:00 AM	3/26/2021 6:46:00 AM	2,4,6-Trichlorophenol	n/a	<	0.6	µg/L	EPA 8270C	0.6	2	WKL	
MO-HUE	2020/21-3	Wet	3/10/2021 11:15:00 AM	4/2/2021 5:51:00 AM	2,4-Dichlorophenol	n/a	<	0.52	µg/L	EPA 625.1	0.52	2	WKL	
MO-HUE	2020/21-3	Wet	3/10/2021 11:15:00 AM	3/26/2021 6:46:00 AM	2,4-Dichlorophenol	n/a	<	1	µg/L	EPA 8270C	1	2	WKL	
MO-HUE	2020/21-3	Wet	3/10/2021 11:15:00 AM	4/2/2021 5:51:00 AM	2,4-Dimethylphenol	n/a	<	0.6	µg/L	EPA 625.1	0.6	2	WKL	
MO-HUE	2020/21-3	Wet	3/10/2021 11:15:00 AM	3/26/2021 6:46:00 AM	2,4-Dimethylphenol	n/a	<	2	µg/L	EPA 8270C	2	4	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-HUE	2020/21-3	Wet	3/10/2021 11:15:00 AM	4/2/2021 5:51:00 AM	2,4-Dinitrophenol	n/a	<	3.7	µg/L	EPA 625.1	3.7	20	WKL	
MO-HUE	2020/21-3	Wet	3/10/2021 11:15:00 AM	3/26/2021 6:46:00 AM	2,4-Dinitrophenol	n/a	<	2	µg/L	EPA 8270C	2	4	WKL	
MO-HUE	2020/21-3	Wet	3/10/2021 11:15:00 AM	4/2/2021 5:51:00 AM	2,4-Dinitrotoluene	n/a	<	0.36	µg/L	EPA 625.1	0.36	2	WKL	
MO-HUE	2020/21-3	Wet	3/10/2021 11:15:00 AM	4/2/2021 5:51:00 AM	2,6-Dinitrotoluene	n/a	<	0.54	µg/L	EPA 625.1	0.54	2	WKL	
MO-HUE	2020/21-3	Wet	3/10/2021 11:15:00 AM	4/2/2021 5:51:00 AM	2-Chloronaphthalene	n/a	<	0.9	µg/L	EPA 625.1	0.9	2	WKL	
MO-HUE	2020/21-3	Wet	3/10/2021 11:15:00 AM	4/2/2021 5:51:00 AM	2-Chlorophenol	n/a	<	0.56	µg/L	EPA 625.1	0.56	2	WKL	
MO-HUE	2020/21-3	Wet	3/10/2021 11:15:00 AM	3/26/2021 6:46:00 AM	2-Chlorophenol	n/a	<	1.3	µg/L	EPA 8270C	1.3	2	WKL	
MO-HUE	2020/21-3	Wet	3/10/2021 11:15:00 AM	3/27/2021 8:42:00 AM	2-Methylnaphthalene	n/a	<	0.052	µg/L	EPA 8270C	0.052	0.2	WKL	
MO-HUE	2020/21-3	Wet	3/10/2021 11:15:00 AM	3/26/2021 6:46:00 AM	2-Methylphenol	n/a	<	0.68	µg/L	EPA 8270C	0.68	2	WKL	
MO-HUE	2020/21-3	Wet	3/10/2021 11:15:00 AM	4/2/2021 5:51:00 AM	2-Nitrophenol	n/a	<	0.52	µg/L	EPA 625.1	0.52	2	WKL	
MO-HUE	2020/21-3	Wet	3/10/2021 11:15:00 AM	3/26/2021 6:46:00 AM	2-Nitrophenol	n/a	<	1.4	µg/L	EPA 8270C	1.4	2	WKL	
MO-HUE	2020/21-3	Wet	3/10/2021 11:15:00 AM	4/2/2021 5:51:00 AM	3,3'-Dichlorobenzidine	n/a	<	2	µg/L	EPA 625.1	2	10	WKL	
MO-HUE	2020/21-3	Wet	3/10/2021 11:15:00 AM	3/26/2021 6:46:00 AM	3-4-Methylphenol	n/a	<	0.6	µg/L	EPA 8270C	0.6	2	WKL	
MO-HUE	2020/21-3	Wet	3/10/2021 11:15:00 AM	4/2/2021 5:51:00 AM	4,6-Dinitro-2-methylphenol	n/a	<	2.8	µg/L	EPA 625.1	2.8	10	WKL	
MO-HUE	2020/21-3	Wet	3/10/2021 11:15:00 AM	3/26/2021 6:46:00 AM	4,6-Dinitro-2-methylphenol	n/a	<	0.28	µg/L	EPA 8270C	0.28	2	WKL	
MO-HUE	2020/21-3	Wet	3/10/2021 11:15:00 AM	4/2/2021 5:51:00 AM	4-Bromophenyl phenyl ether	n/a	<	0.72	µg/L	EPA 625.1	0.72	2	WKL	
MO-HUE	2020/21-3	Wet	3/10/2021 11:15:00 AM	4/2/2021 5:51:00 AM	4-Chloro-3-methylphenol	n/a	<	0.46	µg/L	EPA 625.1	0.46	2	WKL	
MO-HUE	2020/21-3	Wet	3/10/2021 11:15:00 AM	3/26/2021 6:46:00 AM	4-Chloro-3-methylphenol	n/a	<	0.74	µg/L	EPA 8270C	0.74	2	WKL	
MO-HUE	2020/21-3	Wet	3/10/2021 11:15:00 AM	4/2/2021 5:51:00 AM	4-Chlorophenyl phenyl ether	n/a	<	0.82	µg/L	EPA 625.1	0.82	2	WKL	
MO-HUE	2020/21-3	Wet	3/10/2021 11:15:00 AM	4/2/2021 5:51:00 AM	4-Nitrophenol	n/a	<	2.5	µg/L	EPA 625.1	2.5	10	WKL	
MO-HUE	2020/21-3	Wet	3/10/2021 11:15:00 AM	3/26/2021 6:46:00 AM	4-Nitrophenol	n/a	<	2	µg/L	EPA 8270C	2	4	WKL	
MO-HUE	2020/21-3	Wet	3/10/2021 11:15:00 AM	3/27/2021 8:42:00 AM	Acenaphthene	n/a	<	0.056	µg/L	EPA 8270C	0.056	0.2	WKL	
MO-HUE	2020/21-3	Wet	3/10/2021 11:15:00 AM	4/2/2021 5:51:00 AM	Acenaphthene	n/a	<	0.76	µg/L	EPA 625.1	0.76	2	WKL	
MO-HUE	2020/21-3	Wet	3/10/2021 11:15:00 AM	4/2/2021 5:51:00 AM	Acenaphthylene	n/a	<	0.34	µg/L	EPA 625.1	0.34	2	WKL	
MO-HUE	2020/21-3	Wet	3/10/2021 11:15:00 AM	3/27/2021 8:42:00 AM	Acenaphthylene	n/a	<	0.066	µg/L	EPA 8270C	0.066	0.2	WKL	
MO-HUE	2020/21-3	Wet	3/10/2021 11:15:00 AM	4/2/2021 5:51:00 AM	Anthracene	n/a	<	0.24	µg/L	EPA 625.1	0.24	2	WKL	
MO-HUE	2020/21-3	Wet	3/10/2021 11:15:00 AM	3/27/2021 8:42:00 AM	Anthracene	n/a	<	0.05	µg/L	EPA 8270C	0.05	0.2	WKL	
MO-HUE	2020/21-3	Wet	3/10/2021 11:15:00 AM	3/27/2021 8:42:00 AM	Benz(a)anthracene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.2	WKL	
MO-HUE	2020/21-3	Wet	3/10/2021 11:15:00 AM	4/2/2021 5:51:00 AM	Benz(a)anthracene	n/a	<	0.38	µg/L	EPA 625.1	0.38	2	WKL	
MO-HUE	2020/21-3	Wet	3/10/2021 11:15:00 AM	4/2/2021 5:51:00 AM	Benzidine	n/a	<	2.9	µg/L	EPA 625.1	2.9	20	WKL	
MO-HUE	2020/21-3	Wet	3/10/2021 11:15:00 AM	3/17/2021 9:05:00 AM	Benzo(a)pyrene	n/a	<	0.02	µg/L	EPA 525.2	0.02	0.1	WKL	
MO-HUE	2020/21-3	Wet	3/10/2021 11:15:00 AM	4/2/2021 5:51:00 AM	Benzo(a)pyrene	n/a	<	0.78	µg/L	EPA 625.1	0.78	2	WKL	
MO-HUE	2020/21-3	Wet	3/10/2021 11:15:00 AM	3/27/2021 8:42:00 AM	Benzo(a)pyrene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.2	WKL	
MO-HUE	2020/21-3	Wet	3/10/2021 11:15:00 AM	3/27/2021 8:42:00 AM	Benzo(b)fluoranthene	n/a	<	0.054	µg/L	EPA 8270C	0.054	0.2	WKL	
MO-HUE	2020/21-3	Wet	3/10/2021 11:15:00 AM	4/2/2021 5:51:00 AM	Benzo(b)fluoranthene	n/a	<	0.92	µg/L	EPA 625.1	0.92	2	WKL	
MO-HUE	2020/21-3	Wet	3/10/2021 11:15:00 AM	4/2/2021 5:51:00 AM	Benzo(g,h,i)perylene	n/a	<	0.84	µg/L	EPA 625.1	0.84	4	WKL	
MO-HUE	2020/21-3	Wet	3/10/2021 11:15:00 AM	3/27/2021 8:42:00 AM	Benzo(g,h,i)perylene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.2	WKL	
MO-HUE	2020/21-3	Wet	3/10/2021 11:15:00 AM	4/2/2021 5:51:00 AM	Benzo(k)fluoranthene	n/a	<	0.44	µg/L	EPA 625.1	0.44	2	WKL	
MO-HUE	2020/21-3	Wet	3/10/2021 11:15:00 AM	3/27/2021 8:42:00 AM	Benzo(k)fluoranthene	n/a	<	0.052	µg/L	EPA 8270C	0.052	0.2	WKL	
MO-HUE	2020/21-3	Wet	3/10/2021 11:15:00 AM	4/2/2021 5:51:00 AM	Bis(2-chloroethoxy)methane	n/a	<	0.5	µg/L	EPA 625.1	0.5	2	WKL	
MO-HUE	2020/21-3	Wet	3/10/2021 11:15:00 AM	4/2/2021 5:51:00 AM	Bis(2-chloroethyl)ether	n/a	<	0.54	µg/L	EPA 625.1	0.54	2	WKL	
MO-HUE	2020/21-3	Wet	3/10/2021 11:15:00 AM	4/2/2021 5:51:00 AM	Bis(2-chloroisopropyl)ether	n/a	<	0.76	µg/L	EPA 625.1	0.76	2	WKL	
MO-HUE	2020/21-3	Wet	3/10/2021 11:15:00 AM	3/17/2021 9:05:00 AM	Bis(2-ethylhexyl)adipate	n/a	DNQ	0.46	µg/L	EPA 525.2	0.12	5	WKL	HB-LCSR
MO-HUE	2020/21-3	Wet	3/10/2021 11:15:00 AM	4/2/2021 5:51:00 AM	Bis(2-ethylhexyl)phthalate	n/a	<	4.6	µg/L	EPA 625.1	4.6	10	WKL	
MO-HUE	2020/21-3	Wet	3/10/2021 11:15:00 AM	3/17/2021 9:05:00 AM	Bis(2-ethylhexyl)phthalate	n/a	DNQ	0.46	µg/L	EPA 525.2	0.41	3	WKL	UL-MB
MO-HUE	2020/21-3	Wet	3/10/2021 11:15:00 AM	4/2/2021 5:51:00 AM	Butyl benzyl phthalate	n/a	<	0.36	µg/L	EPA 625.1	0.36	2	WKL	
MO-HUE	2020/21-3	Wet	3/10/2021 11:15:00 AM	3/27/2021 8:42:00 AM	Chrysene	n/a	<	0.064	µg/L	EPA 8270C	0.064	0.2	WKL	
MO-HUE	2020/21-3	Wet	3/10/2021 11:15:00 AM	4/2/2021 5:51:00 AM	Chrysene	n/a	<	0.38	µg/L	EPA 625.1	0.38	2	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-HUE	2020/21-3	Wet	3/10/2021 11:15:00 AM	4/2/2021 5:51:00 AM	Dibenz(a,h)anthracene	n/a	<	1.1	µg/L	EPA 625.1	1.1	4	WKL	
MO-HUE	2020/21-3	Wet	3/10/2021 11:15:00 AM	3/27/2021 8:42:00 AM	Dibenz(a,h)anthracene	n/a	<	0.19	µg/L	EPA 8270C	0.19	0.2	WKL	
MO-HUE	2020/21-3	Wet	3/10/2021 11:15:00 AM	4/2/2021 5:51:00 AM	Diethyl phthalate	n/a	<	0.3	µg/L	EPA 625.1	0.3	2	WKL	
MO-HUE	2020/21-3	Wet	3/10/2021 11:15:00 AM	4/2/2021 5:51:00 AM	Dimethyl phthalate	n/a	DNQ	1.7	µg/L	EPA 625.1	0.36	2	WKL	
MO-HUE	2020/21-3	Wet	3/10/2021 11:15:00 AM	4/2/2021 5:51:00 AM	Di-n-butylphthalate	n/a	DNQ	0.2	µg/L	EPA 625.1	0.2	2	WKL	
MO-HUE	2020/21-3	Wet	3/10/2021 11:15:00 AM	4/2/2021 5:51:00 AM	Di-n-octylphthalate	n/a	<	0.92	µg/L	EPA 625.1	0.92	2	WKL	
MO-HUE	2020/21-3	Wet	3/10/2021 11:15:00 AM	4/2/2021 5:51:00 AM	Fluoranthene	n/a	<	0.16	µg/L	EPA 625.1	0.16	2	WKL	
MO-HUE	2020/21-3	Wet	3/10/2021 11:15:00 AM	3/27/2021 8:42:00 AM	Fluoranthene	n/a	<	0.078	µg/L	EPA 8270C	0.078	0.2	WKL	
MO-HUE	2020/21-3	Wet	3/10/2021 11:15:00 AM	4/2/2021 5:51:00 AM	Fluorene	n/a	<	0.7	µg/L	EPA 625.1	0.7	2	WKL	
MO-HUE	2020/21-3	Wet	3/10/2021 11:15:00 AM	3/27/2021 8:42:00 AM	Fluorene	n/a	<	0.058	µg/L	EPA 8270C	0.058	0.2	WKL	
MO-HUE	2020/21-3	Wet	3/10/2021 11:15:00 AM	4/2/2021 5:51:00 AM	Hexachlorobenzene	n/a	<	0.98	µg/L	EPA 625.1	0.98	2	WKL	
MO-HUE	2020/21-3	Wet	3/10/2021 11:15:00 AM	4/2/2021 5:51:00 AM	Hexachlorobutadiene	n/a	<	0.94	µg/L	EPA 625.1	0.94	2	WKL	
MO-HUE	2020/21-3	Wet	3/10/2021 11:15:00 AM	4/2/2021 5:51:00 AM	Hexachlorocyclopentadiene	n/a	<	2	µg/L	EPA 625.1	2	10	WKL	
MO-HUE	2020/21-3	Wet	3/10/2021 11:15:00 AM	4/2/2021 5:51:00 AM	Hexachloroethane	n/a	<	1	µg/L	EPA 625.1	1	2	WKL	
MO-HUE	2020/21-3	Wet	3/10/2021 11:15:00 AM	4/2/2021 5:51:00 AM	Indeno(1,2,3-cd)pyrene	n/a	<	1.1	µg/L	EPA 625.1	1.1	4	WKL	
MO-HUE	2020/21-3	Wet	3/10/2021 11:15:00 AM	3/27/2021 8:42:00 AM	Indeno(1,2,3-cd)pyrene	n/a	<	0.13	µg/L	EPA 8270C	0.13	0.2	WKL	
MO-HUE	2020/21-3	Wet	3/10/2021 11:15:00 AM	4/2/2021 5:51:00 AM	Isophorone	n/a	<	0.42	µg/L	EPA 625.1	0.42	2	WKL	
MO-HUE	2020/21-3	Wet	3/10/2021 11:15:00 AM	4/2/2021 5:51:00 AM	Naphthalene	n/a	<	0.98	µg/L	EPA 625.1	0.98	2	WKL	
MO-HUE	2020/21-3	Wet	3/10/2021 11:15:00 AM	3/27/2021 8:42:00 AM	Naphthalene	n/a	<	0.052	µg/L	EPA 8270C	0.052	0.2	WKL	
MO-HUE	2020/21-3	Wet	3/10/2021 11:15:00 AM	4/2/2021 5:51:00 AM	Nitrobenzene	n/a	<	0.72	µg/L	EPA 625.1	0.72	2	WKL	
MO-HUE	2020/21-3	Wet	3/10/2021 11:15:00 AM	4/2/2021 5:51:00 AM	N-Nitrosodimethylamine	n/a	<	1	µg/L	EPA 625.1	1	2	WKL	
MO-HUE	2020/21-3	Wet	3/10/2021 11:15:00 AM	4/2/2021 5:51:00 AM	N-Nitrosodi-N-propylamine	n/a	<	0.52	µg/L	EPA 625.1	0.52	2	WKL	
MO-HUE	2020/21-3	Wet	3/10/2021 11:15:00 AM	4/2/2021 5:51:00 AM	N-Nitrosodiphenylamine	n/a	<	0.38	µg/L	EPA 625.1	0.38	2	WKL	
MO-HUE	2020/21-3	Wet	3/10/2021 11:15:00 AM	4/2/2021 5:51:00 AM	Phenanthrene	n/a	<	0.64	µg/L	EPA 625.1	0.64	2	WKL	
MO-HUE	2020/21-3	Wet	3/10/2021 11:15:00 AM	3/27/2021 8:42:00 AM	Phenanthrene	n/a	<	0.058	µg/L	EPA 8270C	0.058	0.2	WKL	
MO-HUE	2020/21-3	Wet	3/10/2021 11:15:00 AM	4/2/2021 5:51:00 AM	Phenol	n/a	<	0.32	µg/L	EPA 625.1	0.32	2	WKL	
MO-HUE	2020/21-3	Wet	3/10/2021 11:15:00 AM	3/26/2021 6:46:00 AM	Phenol	n/a	<	0.7	µg/L	EPA 8270C	0.7	2	WKL	
MO-HUE	2020/21-3	Wet	3/10/2021 11:15:00 AM	4/2/2021 5:51:00 AM	Pyrene	n/a	<	0.5	µg/L	EPA 625.1	0.5	2	WKL	
MO-HUE	2020/21-3	Wet	3/10/2021 11:15:00 AM	3/27/2021 8:42:00 AM	Pyrene	n/a	<	0.08	µg/L	EPA 8270C	0.08	0.2	WKL	
MO-HUE	2020/21-3	Wet	3/10/2021 11:15:00 AM	4/3/2021 4:24:00 AM	PCB Aroclor 1016	n/a	<	2.5	µg/L	EPA 608.3	2.5	2.5	WKL	
MO-HUE	2020/21-3	Wet	3/10/2021 11:15:00 AM	4/3/2021 4:24:00 AM	PCB Aroclor 1221	n/a	<	2.5	µg/L	EPA 608.3	2.5	2.5	WKL	
MO-HUE	2020/21-3	Wet	3/10/2021 11:15:00 AM	4/3/2021 4:24:00 AM	PCB Aroclor 1232	n/a	<	2.5	µg/L	EPA 608.3	2.5	2.5	WKL	
MO-HUE	2020/21-3	Wet	3/10/2021 11:15:00 AM	4/3/2021 4:24:00 AM	PCB Aroclor 1242	n/a	<	2.5	µg/L	EPA 608.3	2.5	2.5	WKL	
MO-HUE	2020/21-3	Wet	3/10/2021 11:15:00 AM	4/3/2021 4:24:00 AM	PCB Aroclor 1248	n/a	<	2.5	µg/L	EPA 608.3	2.5	2.5	WKL	
MO-HUE	2020/21-3	Wet	3/10/2021 11:15:00 AM	4/3/2021 4:24:00 AM	PCB Aroclor 1254	n/a	<	2.5	µg/L	EPA 608.3	2.5	2.5	WKL	
MO-HUE	2020/21-3	Wet	3/10/2021 11:15:00 AM	4/3/2021 4:24:00 AM	PCB Aroclor 1260	n/a	<	2.5	µg/L	EPA 608.3	2.5	2.5	WKL	
MO-HUE	2020/21-3	Wet	3/10/2021 11:15:00 AM	3/27/2021 11:58:00 PM	2,4,5-T	n/a	<	0.28	µg/L	EPA 515.4	0.28	1	WKL	
MO-HUE	2020/21-3	Wet	3/10/2021 11:15:00 AM	3/27/2021 11:58:00 PM	2,4,5-TP	n/a	<	0.23	µg/L	EPA 515.4	0.23	1	WKL	
MO-HUE	2020/21-3	Wet	3/10/2021 11:15:00 AM	3/27/2021 11:58:00 PM	2,4-D	n/a	<	0.7	µg/L	EPA 515.4	0.7	2	WKL	
MO-HUE	2020/21-3	Wet	3/10/2021 11:15:00 AM	3/27/2021 11:58:00 PM	2,4-DB	n/a	<	0.95	µg/L	EPA 515.4	0.95	10	WKL	
MO-HUE	2020/21-3	Wet	3/10/2021 11:15:00 AM	3/27/2021 11:58:00 PM	3,5-Dichlorobenzoic acid	n/a	<	0.6	µg/L	EPA 515.4	0.6	5	WKL	
MO-HUE	2020/21-3	Wet	3/10/2021 11:15:00 AM	4/3/2021 4:24:00 AM	4,4'-DDD	n/a	<	0.0035	µg/L	EPA 608.3	0.0035	0.25	WKL	
MO-HUE	2020/21-3	Wet	3/10/2021 11:15:00 AM	4/3/2021 4:24:00 AM	4,4'-DDE	n/a	<	0.0035	µg/L	EPA 608.3	0.0035	0.25	WKL	
MO-HUE	2020/21-3	Wet	3/10/2021 11:15:00 AM	4/3/2021 4:24:00 AM	4,4'-DDT	n/a	<	0.0055	µg/L	EPA 608.3	0.0055	0.05	WKL	
MO-HUE	2020/21-3	Wet	3/10/2021 11:15:00 AM	3/27/2021 11:58:00 PM	Acifluorfen	n/a	<	0.36	µg/L	EPA 515.4	0.36	2	WKL	
MO-HUE	2020/21-3	Wet	3/10/2021 11:15:00 AM	3/17/2021 9:05:00 AM	Alachlor	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1	WKL	
MO-HUE	2020/21-3	Wet	3/10/2021 11:15:00 AM	4/3/2021 4:24:00 AM	Aldrin	n/a	<	0.005	µg/L	EPA 608.3	0.005	0.025	WKL	
MO-HUE	2020/21-3	Wet	3/10/2021 11:15:00 AM	4/3/2021 4:24:00 AM	alpha-BHC	n/a	<	0.0055	µg/L	EPA 608.3	0.0055	0.05	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-HUE	2020/21-3	Wet	3/10/2021 11:15:00 AM	4/3/2021 4:24:00 AM	alpha-Chlordane	n/a	<	0.014	µg/L	EPA 608.3	0.014	0.05	WKL	
MO-HUE	2020/21-3	Wet	3/10/2021 11:15:00 AM	3/17/2021 9:05:00 AM	Atrazine	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1	WKL	
MO-HUE	2020/21-3	Wet	3/10/2021 11:15:00 AM	3/20/2021 3:04:00 AM	Azinphos methyl	n/a	<	0.011	µg/L	EPA 625.1m	0.011	0.02	WKL	
MO-HUE	2020/21-3	Wet	3/10/2021 11:15:00 AM	3/27/2021 11:58:00 PM	Bentazon	n/a	<	1.2	µg/L	EPA 515.4	1.2	10	WKL	
MO-HUE	2020/21-3	Wet	3/10/2021 11:15:00 AM	4/3/2021 4:24:00 AM	beta-BHC	n/a	<	0.0075	µg/L	EPA 608.3	0.0075	0.025	WKL	
MO-HUE	2020/21-3	Wet	3/10/2021 11:15:00 AM	3/20/2021 3:04:00 AM	Bolstar	n/a	<	0.0092	µg/L	EPA 625.1m	0.0092	0.02	WKL	
MO-HUE	2020/21-3	Wet	3/10/2021 11:15:00 AM	3/17/2021 9:05:00 AM	Bromacil	n/a	<	0.16	µg/L	EPA 525.2	0.16	0.5	WKL	
MO-HUE	2020/21-3	Wet	3/10/2021 11:15:00 AM	3/17/2021 9:05:00 AM	Butachlor	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1	WKL	
MO-HUE	2020/21-3	Wet	3/10/2021 11:15:00 AM	3/17/2021 9:05:00 AM	Captan	n/a	<	0.16	µg/L	EPA 525.2	0.16	1	WKL	
MO-HUE	2020/21-3	Wet	3/10/2021 11:15:00 AM	4/3/2021 4:24:00 AM	Chlordane (technical)	n/a	<	0.22	µg/L	EPA 608.3	0.22	0.5	WKL	
MO-HUE	2020/21-3	Wet	3/10/2021 11:15:00 AM	3/17/2021 9:05:00 AM	Chlorpropham	n/a	<	0.04	µg/L	EPA 525.2	0.04	0.1	WKL	
MO-HUE	2020/21-3	Wet	3/10/2021 11:15:00 AM	3/20/2021 3:04:00 AM	Chlorpyrifos	n/a	<	0.014	µg/L	EPA 625.1m	0.014	0.02	WKL	
MO-HUE	2020/21-3	Wet	3/10/2021 11:15:00 AM	3/20/2021 3:04:00 AM	Coumaphos	n/a	<	0.01	µg/L	EPA 625.1m	0.01	0.02	WKL	
MO-HUE	2020/21-3	Wet	3/10/2021 11:15:00 AM	3/17/2021 9:05:00 AM	Cyanazine	n/a	<	0.04	µg/L	EPA 525.2	0.04	0.1	WKL	
MO-HUE	2020/21-3	Wet	3/10/2021 11:15:00 AM	3/27/2021 11:58:00 PM	Dalapon	n/a	<	0.55	µg/L	EPA 515.4	0.55	2	WKL	
MO-HUE	2020/21-3	Wet	3/10/2021 11:15:00 AM	3/27/2021 11:58:00 PM	DCPA (Dacthal)	n/a	<	0.26	µg/L	EPA 515.4	0.26	0.5	WKL	
MO-HUE	2020/21-3	Wet	3/10/2021 11:15:00 AM	4/3/2021 4:24:00 AM	delta-BHC	n/a	<	0.0095	µg/L	EPA 608.3	0.0095	0.025	WKL	
MO-HUE	2020/21-3	Wet	3/10/2021 11:15:00 AM	3/20/2021 3:04:00 AM	Demeton-O	n/a	<	0.02	µg/L	EPA 625.1m	0.02	0.02	WKL	
MO-HUE	2020/21-3	Wet	3/10/2021 11:15:00 AM	3/20/2021 3:04:00 AM	Demeton-S	n/a	<	0.02	µg/L	EPA 625.1m	0.02	0.02	WKL	
MO-HUE	2020/21-3	Wet	3/10/2021 11:15:00 AM	3/17/2021 9:05:00 AM	Diazinon	n/a	<	0.05	µg/L	EPA 525.2	0.05	0.1	WKL	
MO-HUE	2020/21-3	Wet	3/10/2021 11:15:00 AM	3/20/2021 3:04:00 AM	Diazinon	n/a	<	0.01	µg/L	EPA 625.1m	0.01	0.02	WKL	
MO-HUE	2020/21-3	Wet	3/10/2021 11:15:00 AM	3/27/2021 11:58:00 PM	Dicamba	n/a	<	0.38	µg/L	EPA 515.4	0.38	3	WKL	
MO-HUE	2020/21-3	Wet	3/10/2021 11:15:00 AM	3/27/2021 11:58:00 PM	Dichlorprop	n/a	<	0.6	µg/L	EPA 515.4	0.6	1.5	WKL	
MO-HUE	2020/21-3	Wet	3/10/2021 11:15:00 AM	3/20/2021 3:04:00 AM	Dichlorvos	n/a	<	0.0058	µg/L	EPA 625.1m	0.0058	0.02	WKL	
MO-HUE	2020/21-3	Wet	3/10/2021 11:15:00 AM	4/3/2021 4:24:00 AM	Dieldrin	n/a	<	0.004	µg/L	EPA 608.3	0.004	0.05	WKL	
MO-HUE	2020/21-3	Wet	3/10/2021 11:15:00 AM	3/17/2021 9:05:00 AM	Dimethoate	n/a	<	0.02	µg/L	EPA 525.2	0.02	0.2	WKL	
MO-HUE	2020/21-3	Wet	3/10/2021 11:15:00 AM	3/20/2021 3:04:00 AM	Dimethoate	n/a	<	0.012	µg/L	EPA 625.1m	0.012	0.02	WKL	
MO-HUE	2020/21-3	Wet	3/10/2021 11:15:00 AM	3/27/2021 11:58:00 PM	Dinoseb	n/a	<	0.28	µg/L	EPA 515.4	0.28	2	WKL	
MO-HUE	2020/21-3	Wet	3/10/2021 11:15:00 AM	3/17/2021 9:05:00 AM	Diphenamid	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1	WKL	
MO-HUE	2020/21-3	Wet	3/10/2021 11:15:00 AM	3/17/2021 9:05:00 AM	Disulfoton	n/a	<	0.04	µg/L	EPA 525.2	0.04	0.1	WKL	
MO-HUE	2020/21-3	Wet	3/10/2021 11:15:00 AM	3/20/2021 3:04:00 AM	Disulfoton	n/a	<	0.02	µg/L	EPA 625.1m	0.02	0.02	WKL	
MO-HUE	2020/21-3	Wet	3/10/2021 11:15:00 AM	4/3/2021 4:24:00 AM	Endosulfan I	n/a	<	0.0045	µg/L	EPA 608.3	0.0045	0.1	WKL	
MO-HUE	2020/21-3	Wet	3/10/2021 11:15:00 AM	4/3/2021 4:24:00 AM	Endosulfan II	n/a	<	0.0035	µg/L	EPA 608.3	0.0035	0.05	WKL	
MO-HUE	2020/21-3	Wet	3/10/2021 11:15:00 AM	4/3/2021 4:24:00 AM	Endosulfan sulfate	n/a	<	0.0065	µg/L	EPA 608.3	0.0065	0.25	WKL	
MO-HUE	2020/21-3	Wet	3/10/2021 11:15:00 AM	4/3/2021 4:24:00 AM	Endrin	n/a	<	0.0085	µg/L	EPA 608.3	0.0085	0.05	WKL	
MO-HUE	2020/21-3	Wet	3/10/2021 11:15:00 AM	4/3/2021 4:24:00 AM	Endrin aldehyde	n/a	<	0.0095	µg/L	EPA 608.3	0.0095	0.05	WKL	
MO-HUE	2020/21-3	Wet	3/10/2021 11:15:00 AM	3/17/2021 9:05:00 AM	EPTC	n/a	<	0.02	µg/L	EPA 525.2	0.02	0.1	WKL	
MO-HUE	2020/21-3	Wet	3/10/2021 11:15:00 AM	3/20/2021 3:04:00 AM	Ethoprop	n/a	<	0.013	µg/L	EPA 625.1m	0.013	0.02	WKL	
MO-HUE	2020/21-3	Wet	3/10/2021 11:15:00 AM	3/20/2021 3:04:00 AM	Ethyl parathion	n/a	<	0.011	µg/L	EPA 625.1m	0.011	0.02	WKL	
MO-HUE	2020/21-3	Wet	3/10/2021 11:15:00 AM	3/20/2021 3:04:00 AM	Fensulfotion	n/a	<	0.0058	µg/L	EPA 625.1m	0.0058	0.02	WKL	
MO-HUE	2020/21-3	Wet	3/10/2021 11:15:00 AM	3/20/2021 3:04:00 AM	Fenthion	n/a	<	0.0076	µg/L	EPA 625.1m	0.0076	0.02	WKL	
MO-HUE	2020/21-3	Wet	3/10/2021 11:15:00 AM	4/3/2021 4:24:00 AM	gamma-BHC (Lindane)	n/a	<	0.002	µg/L	EPA 608.3	0.002	0.1	WKL	
MO-HUE	2020/21-3	Wet	3/10/2021 11:15:00 AM	4/3/2021 4:24:00 AM	gamma-Chlordane	n/a	<	0.012	µg/L	EPA 608.3	0.012	0.05	WKL	
MO-HUE	2020/21-3	Wet	3/10/2021 11:15:00 AM	3/18/2021 3:01:00 PM	Glyphosate	n/a	<	9	µg/L	EPA 547	9	25	WKL	
MO-HUE	2020/21-3	Wet	3/10/2021 11:15:00 AM	4/3/2021 4:24:00 AM	Heptachlor	n/a	<	0.003	µg/L	EPA 608.3	0.003	0.05	WKL	
MO-HUE	2020/21-3	Wet	3/10/2021 11:15:00 AM	4/3/2021 4:24:00 AM	Heptachlor epoxide	n/a	<	0.002	µg/L	EPA 608.3	0.002	0.05	WKL	
MO-HUE	2020/21-3	Wet	3/10/2021 11:15:00 AM	3/20/2021 3:04:00 AM	Malathion	n/a	<	0.015	µg/L	EPA 625.1m	0.015	0.02	WKL	
MO-HUE	2020/21-3	Wet	3/10/2021 11:15:00 AM	3/20/2021 3:04:00 AM	Merphos	n/a	<	0.012	µg/L	EPA 625.1m	0.012	0.02	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-HUE	2020/21-3	Wet	3/10/2021 11:15:00 AM	3/20/2021 3:04:00 AM	Methyl parathion	n/a	<	0.013	µg/L	EPA 625.1m	0.013	0.02	WKL	
MO-HUE	2020/21-3	Wet	3/10/2021 11:15:00 AM	3/17/2021 9:05:00 AM	Metolachlor	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1	WKL	
MO-HUE	2020/21-3	Wet	3/10/2021 11:15:00 AM	3/17/2021 9:05:00 AM	Metribuzin	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1	WKL	
MO-HUE	2020/21-3	Wet	3/10/2021 11:15:00 AM	3/20/2021 3:04:00 AM	Mevinphos	n/a	<	0.0084	µg/L	EPA 625.1m	0.0084	0.02	WKL	
MO-HUE	2020/21-3	Wet	3/10/2021 11:15:00 AM	3/17/2021 9:05:00 AM	Molinate	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1	WKL	
MO-HUE	2020/21-3	Wet	3/10/2021 11:15:00 AM	3/20/2021 3:04:00 AM	Naled	n/a	<	0.015	µg/L	EPA 625.1m	0.015	0.02	WKL	
MO-HUE	2020/21-3	Wet	3/10/2021 11:15:00 AM	4/2/2021 5:51:00 AM	Pentachlorophenol	n/a	<	0.8	µg/L	EPA 625.1	0.8	2	WKL	
MO-HUE	2020/21-3	Wet	3/10/2021 11:15:00 AM	3/26/2021 6:46:00 AM	Pentachlorophenol	n/a	<	0.3	µg/L	EPA 8270C	0.3	2	WKL	
MO-HUE	2020/21-3	Wet	3/10/2021 11:15:00 AM	3/27/2021 11:58:00 PM	Pentachlorophenol	n/a	<	0.23	µg/L	EPA 515.4	0.23	1	WKL	
MO-HUE	2020/21-3	Wet	3/10/2021 11:15:00 AM	3/20/2021 3:04:00 AM	Phorate	n/a	<	0.006	µg/L	EPA 625.1m	0.006	0.02	WKL	
MO-HUE	2020/21-3	Wet	3/10/2021 11:15:00 AM	3/27/2021 11:58:00 PM	Picloram	n/a	<	0.19	µg/L	EPA 515.4	0.19	3	WKL	
MO-HUE	2020/21-3	Wet	3/10/2021 11:15:00 AM	3/17/2021 9:05:00 AM	Prometon	n/a	<	0.01	µg/L	EPA 525.2	0.01	0.1	WKL	
MO-HUE	2020/21-3	Wet	3/10/2021 11:15:00 AM	3/17/2021 9:05:00 AM	Prometryn	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1	WKL	
MO-HUE	2020/21-3	Wet	3/10/2021 11:15:00 AM	3/20/2021 11:15:00 AM	Ronnel (Fenchlorphos)	n/a	<	0.0082	µg/L	EPA 625.1m	0.0082	0.02	WKL	
MO-HUE	2020/21-3	Wet	3/10/2021 11:15:00 AM	3/17/2021 9:05:00 AM	Simazine	n/a	<	0.02	µg/L	EPA 525.2	0.02	0.1	WKL	
MO-HUE	2020/21-3	Wet	3/10/2021 11:15:00 AM	3/20/2021 3:04:00 AM	Stirophos (Tetrachlorvinphos)	n/a	<	0.0062	µg/L	EPA 625.1m	0.0062	0.02	WKL	
MO-HUE	2020/21-3	Wet	3/10/2021 11:15:00 AM	3/17/2021 9:05:00 AM	Terbacil	n/a	<	0.09	µg/L	EPA 525.2	0.09	2	WKL	
MO-HUE	2020/21-3	Wet	3/10/2021 11:15:00 AM	3/17/2021 9:05:00 AM	Thiobencarb	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1	WKL	
MO-HUE	2020/21-3	Wet	3/10/2021 11:15:00 AM	3/20/2021 3:04:00 AM	Tokuthion	n/a	<	0.016	µg/L	EPA 625.1m	0.016	0.02	WKL	
MO-HUE	2020/21-3	Wet	3/10/2021 11:15:00 AM	4/3/2021 4:24:00 AM	Toxaphene	n/a	<	5	µg/L	EPA 608.3	5	5	WKL	
MO-HUE	2020/21-3	Wet	3/10/2021 11:15:00 AM	3/20/2021 3:04:00 AM	Trichloronate	n/a	<	0.013	µg/L	EPA 625.1m	0.013	0.02	WKL	
MO-HUE	2020/21-3	Wet	3/10/2021 11:15:00 AM	3/17/2021 9:05:00 AM	Trithion	n/a	<	0.02	µg/L	EPA 525.2	0.02	0.1	WKL	
MO-HUE	2020/21-4	Dry	5/12/2021 9:50:00 AM	5/14/2021 7:10:00 AM	Chloride	n/a	=	5100	mg/L	EPA 300.0	4.2	25	WKL	
MO-HUE	2020/21-4	Dry	5/12/2021 9:50:00 AM	5/14/2021 1:46:00 AM	Fluoride	n/a	DNQ	0.57	mg/L	EPA 300.0	0.09	1	WKL	
MO-HUE	2020/21-4	Dry	5/12/2021 9:50:00 AM	5/14/2021 9:02:00 PM	Perchlorate	n/a	<	8.4	µg/L	EPA 314.0	8.4	20	WKL	
MO-HUE	2020/21-4	Dry	5/12/2021 9:50:00 AM	5/13/2021 9:55:00 AM	E. Coli	n/a	=	2600	MPN/100 mL	SM 9223 B	-88	10	WKL	
MO-HUE	2020/21-4	Dry	5/12/2021 9:50:00 AM	5/13/2021 9:55:00 AM	Total Coliform	n/a	=	20000	MPN/100 mL	SM 9223 B	-88	10	WKL	
MO-HUE	2020/21-4	Dry	5/12/2021 9:50:00 AM	5/19/2021 5:19:00 PM	Calcium	Total	=	347	mg/L	EPA 200.7	0.32	1	WKL	
MO-HUE	2020/21-4	Dry	5/12/2021 9:50:00 AM	5/19/2021 5:19:00 PM	Magnesium	Total	=	452	mg/L	EPA 200.7	0.078	1	WKL	
MO-HUE	2020/21-4	Dry	5/12/2021 9:50:00 AM	5/18/2021 11:37:00 AM	Alkalinity as CaCO3	n/a	=	340	mg/L	SM 2320 B	0.56	5	WKL	
MO-HUE	2020/21-4	Dry	5/12/2021 9:50:00 AM	5/18/2021 3:43:00 PM	BOD	n/a	=	2.8	mg/L	SM 5210 B	2	2	WKL	
MO-HUE	2020/21-4	Dry	5/12/2021 9:50:00 AM	5/21/2021 11:46:00 AM	COD	n/a	=	59	mg/L	EPA 410.4	2.9	5	WKL	
MO-HUE	2020/21-4	Dry	5/12/2021 9:50:00 AM	5/12/2021 9:50:00 AM	Conductivity	n/a	=	13290	µmhos/cm	Field Meter	-88	1	Field Crew	
MO-HUE	2020/21-4	Dry	5/12/2021 9:50:00 AM	5/19/2021 2:18:00 PM	Cyanide	Total	DNQ	0.001	mg/L	ASTM D7511	0.0003	0.002	WKL	
MO-HUE	2020/21-4	Dry	5/12/2021 9:50:00 AM	5/12/2021 9:50:00 AM	DO	n/a	=	50	%	Field Meter	-88	0.1	Field Crew	
MO-HUE	2020/21-4	Dry	5/12/2021 9:50:00 AM	5/12/2021 9:50:00 AM	DO	n/a	=	4.35	mg/L	Field Meter	-88	0.3	Field Crew	
MO-HUE	2020/21-4	Dry	5/12/2021 9:50:00 AM	5/19/2021 5:19:00 PM	Hardness as CaCO3	Total	=	2730	mg/L	EPA 200.7	1.12	6.62	WKL	
MO-HUE	2020/21-4	Dry	5/12/2021 9:50:00 AM	5/13/2021 7:04:00 PM	MBAS	n/a	=	0.071	mg/L	SM 5540 C	0.017	0.05	WKL	
MO-HUE	2020/21-4	Dry	5/12/2021 9:50:00 AM	5/12/2021 9:50:00 AM	pH	n/a	=	7.5	pH Units	Field Meter	-88	0.01	Field Crew	
MO-HUE	2020/21-4	Dry	5/12/2021 9:50:00 AM	5/18/2021 2:54:00 PM	Phenolics	n/a	=	0.18	mg/L	EPA 420.4	0.0032	0.01	WKL	
MO-HUE	2020/21-4	Dry	5/12/2021 9:50:00 AM	5/12/2021 9:50:00 AM	Salinity	n/a	=	8700	mg/L	Field Meter	-88	100	Field Crew	
MO-HUE	2020/21-4	Dry	5/12/2021 9:50:00 AM	6/3/2021 12:22:00 PM	Specific Conductance	n/a	=	21000	µmhos/cm	SM 2510 B	0.23	2	WKL	
MO-HUE	2020/21-4	Dry	5/12/2021 9:50:00 AM	5/12/2021 9:50:00 AM	Specific Conductance	n/a	=	14860	µmhos/cm	Field Meter	-88	1	Field Crew	
MO-HUE	2020/21-4	Dry	5/12/2021 9:50:00 AM	5/12/2021 9:50:00 AM	Temperature	n/a	=	19.4	°C	Field Meter	-88	0.1	Field Crew	
MO-HUE	2020/21-4	Dry	5/12/2021 9:50:00 AM	5/17/2021 6:30:00 PM	Total Dissolved Solids	n/a	=	12000	mg/L	SM 2540 C	4	10	WKL	
MO-HUE	2020/21-4	Dry	5/12/2021 9:50:00 AM	5/19/2021 8:26:00 AM	Total Organic Carbon	n/a	=	5.7	mg/L	SM 5310 B	0.096	0.3	WKL	
MO-HUE	2020/21-4	Dry	5/12/2021 9:50:00 AM	5/18/2021 5:30:00 PM	Total Suspended Solids	n/a	=	12	mg/L	SM 2540 D	-88	5	WKL	
MO-HUE	2020/21-4	Dry	5/12/2021 9:50:00 AM	5/13/2021 11:08:00 AM	Turbidity	n/a	=	6.5	NTU	EPA 180.1	0.017	0.1	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-HUE	2020/21-4	Dry	5/12/2021 9:50:00 AM	5/18/2021 5:30:00 PM	Volatile Suspended Solids	n/a	=	7	mg/L	EPA 160.4	3.1	5	WKL	
MO-HUE	2020/21-4	Dry	5/12/2021 9:50:00 AM	5/28/2021 12:12:00 PM	Diesel Range Organics	n/a	=	0.12	mg/L	EPA 8015B	0.032	0.1	WKL	UL-MB
MO-HUE	2020/21-4	Dry	5/12/2021 9:50:00 AM	5/19/2021 11:08:00 AM	Gasoline Range Organics	n/a	<	0.065	mg/L	LUFT GC/MS	0.065	0.1	WKL	
MO-HUE	2020/21-4	Dry	5/12/2021 9:50:00 AM	5/13/2021 5:22:00 PM	Oil and Grease	n/a	<	0.7	mg/L	EPA 1664B	0.7	5	WKL	
MO-HUE	2020/21-4	Dry	5/12/2021 9:50:00 AM	5/28/2021 12:12:00 PM	Oil Range Organics	n/a	<	0.33	mg/L	EPA 8015B	0.33	0.5	WKL	
MO-HUE	2020/21-4	Dry	5/12/2021 9:50:00 AM	5/20/2021 3:28:00 PM	Aluminum	Dissolved	<	4.4	µg/L	EPA 200.8	4.4	20	WKL	
MO-HUE	2020/21-4	Dry	5/12/2021 9:50:00 AM	5/20/2021 3:31:00 PM	Aluminum	Total	DNQ	11	µg/L	EPA 200.8	4.4	20	WKL	
MO-HUE	2020/21-4	Dry	5/12/2021 9:50:00 AM	5/20/2021 3:28:00 PM	Antimony	Dissolved	DNQ	0.19	µg/L	EPA 200.8	0.089	0.5	WKL	
MO-HUE	2020/21-4	Dry	5/12/2021 9:50:00 AM	5/20/2021 3:31:00 PM	Antimony	Total	DNQ	0.2	µg/L	EPA 200.8	0.089	0.5	WKL	
MO-HUE	2020/21-4	Dry	5/12/2021 9:50:00 AM	5/20/2021 3:28:00 PM	Arsenic	Dissolved	=	1.8	µg/L	EPA 200.8	0.074	0.4	WKL	
MO-HUE	2020/21-4	Dry	5/12/2021 9:50:00 AM	5/20/2021 3:31:00 PM	Arsenic	Total	=	2.8	µg/L	EPA 200.8	0.074	0.4	WKL	
MO-HUE	2020/21-4	Dry	5/12/2021 9:50:00 AM	5/20/2021 3:31:00 PM	Barium	Total	=	88	µg/L	EPA 200.8	0.14	1	WKL	
MO-HUE	2020/21-4	Dry	5/12/2021 9:50:00 AM	5/20/2021 3:28:00 PM	Beryllium	Dissolved	<	0.062	µg/L	EPA 200.8	0.062	0.1	WKL	
MO-HUE	2020/21-4	Dry	5/12/2021 9:50:00 AM	5/20/2021 3:28:00 PM	Beryllium	Total	<	0.062	µg/L	EPA 200.8	0.062	0.1	WKL	
MO-HUE	2020/21-4	Dry	5/12/2021 9:50:00 AM	5/20/2021 3:28:00 PM	Cadmium	Dissolved	<	0.042	µg/L	EPA 200.8	0.042	0.2	WKL	
MO-HUE	2020/21-4	Dry	5/12/2021 9:50:00 AM	5/20/2021 3:31:00 PM	Cadmium	Total	<	0.042	µg/L	EPA 200.8	0.042	0.2	WKL	
MO-HUE	2020/21-4	Dry	5/12/2021 9:50:00 AM	5/20/2021 3:28:00 PM	Chromium	Dissolved	<	0.089	µg/L	EPA 200.8	0.089	0.2	WKL	
MO-HUE	2020/21-4	Dry	5/12/2021 9:50:00 AM	5/20/2021 3:31:00 PM	Chromium	Total	DNQ	0.12	µg/L	EPA 200.8	0.089	0.2	WKL	
MO-HUE	2020/21-4	Dry	5/12/2021 9:50:00 AM	5/20/2021 12:34:00 PM	Chromium VI	n/a	<	0.79	µg/L	EPA 218.6	0.79	2	WKL	
MO-HUE	2020/21-4	Dry	5/12/2021 9:50:00 AM	5/20/2021 3:28:00 PM	Copper	Dissolved	<	0.23	µg/L	EPA 200.8	0.23	0.5	WKL	
MO-HUE	2020/21-4	Dry	5/12/2021 9:50:00 AM	5/20/2021 3:31:00 PM	Copper	Total	<	0.23	µg/L	EPA 200.8	0.23	0.5	WKL	
MO-HUE	2020/21-4	Dry	5/12/2021 9:50:00 AM	5/20/2021 3:28:00 PM	Iron	Dissolved	=	31	µg/L	EPA 200.8	3.9	20	WKL	
MO-HUE	2020/21-4	Dry	5/12/2021 9:50:00 AM	5/20/2021 3:31:00 PM	Iron	Total	=	1700	µg/L	EPA 200.8	3.9	20	WKL	
MO-HUE	2020/21-4	Dry	5/12/2021 9:50:00 AM	5/20/2021 3:28:00 PM	Lead	Dissolved	<	0.083	µg/L	EPA 200.8	0.083	0.2	WKL	
MO-HUE	2020/21-4	Dry	5/12/2021 9:50:00 AM	5/20/2021 3:31:00 PM	Lead	Total	<	0.083	µg/L	EPA 200.8	0.083	0.2	WKL	
MO-HUE	2020/21-4	Dry	5/12/2021 9:50:00 AM	5/25/2021 3:26:00 PM	Mercury	Dissolved	<	17	ng/L	EPA 245.1	17	50	WKL	
MO-HUE	2020/21-4	Dry	5/12/2021 9:50:00 AM	5/25/2021 3:27:00 PM	Mercury	Total	<	17	ng/L	EPA 245.1	17	50	WKL	
MO-HUE	2020/21-4	Dry	5/12/2021 9:50:00 AM	5/20/2021 3:28:00 PM	Nickel	Dissolved	DNQ	1.4	µg/L	EPA 200.8	0.16	2	WKL	UL-MB
MO-HUE	2020/21-4	Dry	5/12/2021 9:50:00 AM	5/20/2021 3:31:00 PM	Nickel	Total	DNQ	1.5	µg/L	EPA 200.8	0.16	2	WKL	UL-MB
MO-HUE	2020/21-4	Dry	5/12/2021 9:50:00 AM	5/20/2021 3:28:00 PM	Selenium	Dissolved	DNQ	0.16	µg/L	EPA 200.8	0.067	0.4	WKL	
MO-HUE	2020/21-4	Dry	5/12/2021 9:50:00 AM	5/20/2021 3:31:00 PM	Selenium	Total	DNQ	0.19	µg/L	EPA 200.8	0.067	0.4	WKL	
MO-HUE	2020/21-4	Dry	5/12/2021 9:50:00 AM	5/20/2021 3:28:00 PM	Silver	Dissolved	DNQ	0.051	µg/L	EPA 200.8	0.03	0.2	WKL	
MO-HUE	2020/21-4	Dry	5/12/2021 9:50:00 AM	5/20/2021 3:31:00 PM	Silver	Total	<	0.03	µg/L	EPA 200.8	0.03	0.2	WKL	
MO-HUE	2020/21-4	Dry	5/12/2021 9:50:00 AM	5/20/2021 3:28:00 PM	Thallium	Dissolved	<	0.021	µg/L	EPA 200.8	0.021	0.2	WKL	
MO-HUE	2020/21-4	Dry	5/12/2021 9:50:00 AM	5/20/2021 3:31:00 PM	Thallium	Total	<	0.021	µg/L	EPA 200.8	0.021	0.2	WKL	
MO-HUE	2020/21-4	Dry	5/12/2021 9:50:00 AM	5/20/2021 3:28:00 PM	Zinc	Dissolved	<	0.8	µg/L	EPA 200.8	0.8	10	WKL	
MO-HUE	2020/21-4	Dry	5/12/2021 9:50:00 AM	5/20/2021 3:31:00 PM	Zinc	Total	DNQ	1.4	µg/L	EPA 200.8	0.8	10	WKL	
MO-HUE	2020/21-4	Dry	5/12/2021 9:50:00 AM	5/18/2021 1:54:00 PM	Ammonia as N	n/a	=	1.6	mg/L	EPA 350.1	0.047	0.1	WKL	
MO-HUE	2020/21-4	Dry	5/12/2021 9:50:00 AM	5/13/2021 3:48:00 PM	Nitrate + Nitrite as N	n/a	DNQ	0.094	mg/L	EPA 353.2	0.036	0.2	WKL	
MO-HUE	2020/21-4	Dry	5/12/2021 9:50:00 AM	5/19/2021 4:30:00 PM	Phosphorus as P	Dissolved	=	0.23	mg/L	EPA 200.7	0.018	0.05	WKL	
MO-HUE	2020/21-4	Dry	5/12/2021 9:50:00 AM	5/19/2021 4:33:00 PM	Phosphorus as P	Total	=	0.65	mg/L	EPA 200.7	0.018	0.05	WKL	
MO-HUE	2020/21-4	Dry	5/12/2021 9:50:00 AM	5/14/2021 4:18:00 PM	TKN	n/a	=	2	mg/L	EPA 351.2	0.065	0.1	WKL	
MO-HUE	2020/21-4	Dry	5/12/2021 9:50:00 AM	5/19/2021 1:49:00 AM	1,2,4-Trichlorobenzene	n/a	<	0.98	µg/L	EPA 625.1	0.98	2	WKL	
MO-HUE	2020/21-4	Dry	5/12/2021 9:50:00 AM	5/19/2021 1:49:00 AM	1,2-Dichlorobenzene	n/a	<	0.92	µg/L	EPA 625.1	0.92	2	WKL	
MO-HUE	2020/21-4	Dry	5/12/2021 9:50:00 AM	5/19/2021 1:49:00 AM	1,2-Diphenylhydrazine	n/a	<	0.6	µg/L	EPA 625.1	0.6	2	WKL	
MO-HUE	2020/21-4	Dry	5/12/2021 9:50:00 AM	5/19/2021 1:49:00 AM	1,3-Dichlorobenzene	n/a	<	0.84	µg/L	EPA 625.1	0.84	2	WKL	
MO-HUE	2020/21-4	Dry	5/12/2021 9:50:00 AM	5/19/2021 1:49:00 AM	1,4-Dichlorobenzene	n/a	<	0.96	µg/L	EPA 625.1	0.96	2	WKL	
MO-HUE	2020/21-4	Dry	5/12/2021 9:50:00 AM	6/3/2021 8:23:00 AM	1-Methylnaphthalene	n/a	<	0.048	µg/L	EPA 8270C	0.048	0.2	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-HUE	2020/21-4	Dry	5/12/2021 9:50:00 AM	5/25/2021 4:08:00 AM	2,4,5-Trichlorophenol	n/a	<	0.58	µg/L	EPA 8270C	0.58	2	WKL	
MO-HUE	2020/21-4	Dry	5/12/2021 9:50:00 AM	5/19/2021 1:49:00 AM	2,4,6-Trichlorophenol	n/a	<	0.44	µg/L	EPA 625.1	0.44	2	WKL	
MO-HUE	2020/21-4	Dry	5/12/2021 9:50:00 AM	5/25/2021 4:08:00 AM	2,4,6-Trichlorophenol	n/a	<	0.6	µg/L	EPA 8270C	0.6	2	WKL	
MO-HUE	2020/21-4	Dry	5/12/2021 9:50:00 AM	5/19/2021 1:49:00 AM	2,4-Dichlorophenol	n/a	<	0.52	µg/L	EPA 625.1	0.52	2	WKL	
MO-HUE	2020/21-4	Dry	5/12/2021 9:50:00 AM	5/25/2021 4:08:00 AM	2,4-Dichlorophenol	n/a	<	1	µg/L	EPA 8270C	1	2	WKL	
MO-HUE	2020/21-4	Dry	5/12/2021 9:50:00 AM	5/19/2021 1:49:00 AM	2,4-Dimethylphenol	n/a	<	0.6	µg/L	EPA 625.1	0.6	2	WKL	
MO-HUE	2020/21-4	Dry	5/12/2021 9:50:00 AM	5/25/2021 4:08:00 AM	2,4-Dimethylphenol	n/a	<	2	µg/L	EPA 8270C	2	4	WKL	
MO-HUE	2020/21-4	Dry	5/12/2021 9:50:00 AM	5/19/2021 1:49:00 AM	2,4-Dinitrophenol	n/a	<	3.7	µg/L	EPA 625.1	3.7	20	WKL	
MO-HUE	2020/21-4	Dry	5/12/2021 9:50:00 AM	5/25/2021 4:08:00 AM	2,4-Dinitrophenol	n/a	<	2	µg/L	EPA 8270C	2	4	WKL	
MO-HUE	2020/21-4	Dry	5/12/2021 9:50:00 AM	5/19/2021 1:49:00 AM	2,4-Dinitrotoluene	n/a	<	0.36	µg/L	EPA 625.1	0.36	2	WKL	
MO-HUE	2020/21-4	Dry	5/12/2021 9:50:00 AM	5/19/2021 1:49:00 AM	2,6-Dinitrotoluene	n/a	<	0.54	µg/L	EPA 625.1	0.54	2	WKL	
MO-HUE	2020/21-4	Dry	5/12/2021 9:50:00 AM	5/19/2021 1:49:00 AM	2-Chloronaphthalene	n/a	<	0.9	µg/L	EPA 625.1	0.9	2	WKL	
MO-HUE	2020/21-4	Dry	5/12/2021 9:50:00 AM	5/25/2021 4:08:00 AM	2-Chlorophenol	n/a	<	1.3	µg/L	EPA 8270C	1.3	2	WKL	
MO-HUE	2020/21-4	Dry	5/12/2021 9:50:00 AM	5/19/2021 1:49:00 AM	2-Chlorophenol	n/a	<	0.56	µg/L	EPA 625.1	0.56	2	WKL	
MO-HUE	2020/21-4	Dry	5/12/2021 9:50:00 AM	6/3/2021 8:23:00 AM	2-Methylnaphthalene	n/a	<	0.052	µg/L	EPA 8270C	0.052	0.2	WKL	
MO-HUE	2020/21-4	Dry	5/12/2021 9:50:00 AM	5/25/2021 4:08:00 AM	2-Methylphenol	n/a	<	0.68	µg/L	EPA 8270C	0.68	2	WKL	
MO-HUE	2020/21-4	Dry	5/12/2021 9:50:00 AM	5/19/2021 1:49:00 AM	2-Nitrophenol	n/a	<	0.52	µg/L	EPA 625.1	0.52	2	WKL	
MO-HUE	2020/21-4	Dry	5/12/2021 9:50:00 AM	5/25/2021 4:08:00 AM	2-Nitrophenol	n/a	<	1.4	µg/L	EPA 8270C	1.4	2	WKL	
MO-HUE	2020/21-4	Dry	5/12/2021 9:50:00 AM	5/19/2021 1:49:00 AM	3,3'-Dichlorobenzidine	n/a	<	2	µg/L	EPA 625.1	2	10	WKL	
MO-HUE	2020/21-4	Dry	5/12/2021 9:50:00 AM	5/25/2021 4:08:00 AM	3-/4-Methylphenol	n/a	<	0.6	µg/L	EPA 8270C	0.6	2	WKL	
MO-HUE	2020/21-4	Dry	5/12/2021 9:50:00 AM	5/19/2021 1:49:00 AM	4,6-Dinitro-2-methylphenol	n/a	<	2.8	µg/L	EPA 625.1	2.8	10	WKL	
MO-HUE	2020/21-4	Dry	5/12/2021 9:50:00 AM	5/25/2021 4:08:00 AM	4,6-Dinitro-2-methylphenol	n/a	<	0.28	µg/L	EPA 8270C	0.28	2	WKL	
MO-HUE	2020/21-4	Dry	5/12/2021 9:50:00 AM	5/19/2021 1:49:00 AM	4-Bromophenyl phenyl ether	n/a	<	0.72	µg/L	EPA 625.1	0.72	2	WKL	
MO-HUE	2020/21-4	Dry	5/12/2021 9:50:00 AM	5/19/2021 1:49:00 AM	4-Chloro-3-methylphenol	n/a	<	0.46	µg/L	EPA 625.1	0.46	2	WKL	
MO-HUE	2020/21-4	Dry	5/12/2021 9:50:00 AM	5/25/2021 4:08:00 AM	4-Chloro-3-methylphenol	n/a	<	0.74	µg/L	EPA 8270C	0.74	2	WKL	
MO-HUE	2020/21-4	Dry	5/12/2021 9:50:00 AM	5/19/2021 1:49:00 AM	4-Chlorophenyl phenyl ether	n/a	<	0.82	µg/L	EPA 625.1	0.82	2	WKL	
MO-HUE	2020/21-4	Dry	5/12/2021 9:50:00 AM	5/19/2021 1:49:00 AM	4-Nitrophenol	n/a	<	2.5	µg/L	EPA 625.1	2.5	10	WKL	
MO-HUE	2020/21-4	Dry	5/12/2021 9:50:00 AM	5/25/2021 4:08:00 AM	4-Nitrophenol	n/a	<	2	µg/L	EPA 8270C	2	4	WKL	
MO-HUE	2020/21-4	Dry	5/12/2021 9:50:00 AM	5/19/2021 1:49:00 AM	Acenaphthene	n/a	<	0.76	µg/L	EPA 625.1	0.76	2	WKL	
MO-HUE	2020/21-4	Dry	5/12/2021 9:50:00 AM	6/3/2021 8:23:00 AM	Acenaphthene	n/a	<	0.056	µg/L	EPA 8270C	0.056	0.2	WKL	
MO-HUE	2020/21-4	Dry	5/12/2021 9:50:00 AM	6/3/2021 8:23:00 AM	Acenaphthylene	n/a	<	0.066	µg/L	EPA 8270C	0.066	0.2	WKL	
MO-HUE	2020/21-4	Dry	5/12/2021 9:50:00 AM	5/19/2021 1:49:00 AM	Acenaphthylene	n/a	<	0.34	µg/L	EPA 625.1	0.34	2	WKL	
MO-HUE	2020/21-4	Dry	5/12/2021 9:50:00 AM	5/19/2021 1:49:00 AM	Anthracene	n/a	<	0.24	µg/L	EPA 625.1	0.24	2	WKL	
MO-HUE	2020/21-4	Dry	5/12/2021 9:50:00 AM	6/3/2021 8:23:00 AM	Anthracene	n/a	<	0.05	µg/L	EPA 8270C	0.05	0.2	WKL	
MO-HUE	2020/21-4	Dry	5/12/2021 9:50:00 AM	5/19/2021 1:49:00 AM	Benz(a)anthracene	n/a	<	0.38	µg/L	EPA 625.1	0.38	2	WKL	
MO-HUE	2020/21-4	Dry	5/12/2021 9:50:00 AM	6/3/2021 8:23:00 AM	Benz(a)anthracene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.2	WKL	
MO-HUE	2020/21-4	Dry	5/12/2021 9:50:00 AM	5/19/2021 1:49:00 AM	Benzidine	n/a	<	2.9	µg/L	EPA 625.1	2.9	20	WKL	
MO-HUE	2020/21-4	Dry	5/12/2021 9:50:00 AM	6/3/2021 8:23:00 AM	Benzo(a)pyrene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.2	WKL	
MO-HUE	2020/21-4	Dry	5/12/2021 9:50:00 AM	6/3/2021 9:24:00 PM	Benzo(a)pyrene	n/a	<	0.02	µg/L	EPA 525.2	0.02	0.1	WKL	
MO-HUE	2020/21-4	Dry	5/12/2021 9:50:00 AM	5/19/2021 1:49:00 AM	Benzo(a)pyrene	n/a	<	0.78	µg/L	EPA 625.1	0.78	2	WKL	
MO-HUE	2020/21-4	Dry	5/12/2021 9:50:00 AM	5/19/2021 1:49:00 AM	Benzo(b)fluoranthene	n/a	<	0.92	µg/L	EPA 625.1	0.92	2	WKL	
MO-HUE	2020/21-4	Dry	5/12/2021 9:50:00 AM	6/3/2021 8:23:00 AM	Benzo(b)fluoranthene	n/a	<	0.054	µg/L	EPA 8270C	0.054	0.2	WKL	
MO-HUE	2020/21-4	Dry	5/12/2021 9:50:00 AM	5/19/2021 1:49:00 AM	Benzo(g,h,i)perylene	n/a	<	0.84	µg/L	EPA 625.1	0.84	4	WKL	
MO-HUE	2020/21-4	Dry	5/12/2021 9:50:00 AM	6/3/2021 8:23:00 AM	Benzo(g,h,i)perylene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.2	WKL	
MO-HUE	2020/21-4	Dry	5/12/2021 9:50:00 AM	5/19/2021 1:49:00 AM	Benzo(k)fluoranthene	n/a	<	0.44	µg/L	EPA 625.1	0.44	2	WKL	
MO-HUE	2020/21-4	Dry	5/12/2021 9:50:00 AM	6/3/2021 8:23:00 AM	Benzo(k)fluoranthene	n/a	<	0.052	µg/L	EPA 8270C	0.052	0.2	WKL	
MO-HUE	2020/21-4	Dry	5/12/2021 9:50:00 AM	5/19/2021 1:49:00 AM	Bis(2-chloroethoxy)methane	n/a	<	0.5	µg/L	EPA 625.1	0.5	2	WKL	
MO-HUE	2020/21-4	Dry	5/12/2021 9:50:00 AM	5/19/2021 1:49:00 AM	Bis(2-chloroethyl)ether	n/a	<	0.54	µg/L	EPA 625.1	0.54	2	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-HUE	2020/21-4	Dry	5/12/2021 9:50:00 AM	5/19/2021 1:49:00 AM	Bis(2-chloroisopropyl)ether	n/a	<	0.76	µg/L	EPA 625.1	0.76	2	WKL	
MO-HUE	2020/21-4	Dry	5/12/2021 9:50:00 AM	6/3/2021 9:24:00 PM	Bis(2-ethylhexyl)adipate	n/a	DNQ	0.81	µg/L	EPA 525.2	0.12	5	WKL	
MO-HUE	2020/21-4	Dry	5/12/2021 9:50:00 AM	6/3/2021 9:24:00 PM	Bis(2-ethylhexyl)phthalate	n/a	DNQ	0.55	µg/L	EPA 525.2	0.41	3	WKL	
MO-HUE	2020/21-4	Dry	5/12/2021 9:50:00 AM	5/19/2021 1:49:00 AM	Bis(2-ethylhexyl)phthalate	n/a	<	4.6	µg/L	EPA 625.1	4.6	10	WKL	
MO-HUE	2020/21-4	Dry	5/12/2021 9:50:00 AM	5/19/2021 1:49:00 AM	Butyl benzyl phthalate	n/a	<	0.36	µg/L	EPA 625.1	0.36	2	WKL	
MO-HUE	2020/21-4	Dry	5/12/2021 9:50:00 AM	5/19/2021 1:49:00 AM	Chrysene	n/a	<	0.38	µg/L	EPA 625.1	0.38	2	WKL	
MO-HUE	2020/21-4	Dry	5/12/2021 9:50:00 AM	6/3/2021 8:23:00 AM	Chrysene	n/a	<	0.064	µg/L	EPA 8270C	0.064	0.2	WKL	
MO-HUE	2020/21-4	Dry	5/12/2021 9:50:00 AM	6/3/2021 8:23:00 AM	Dibenz(a,h)anthracene	n/a	<	0.19	µg/L	EPA 8270C	0.19	0.2	WKL	
MO-HUE	2020/21-4	Dry	5/12/2021 9:50:00 AM	5/19/2021 1:49:00 AM	Dibenz(a,h)anthracene	n/a	<	1.1	µg/L	EPA 625.1	1.1	4	WKL	
MO-HUE	2020/21-4	Dry	5/12/2021 9:50:00 AM	5/19/2021 1:49:00 AM	Diethyl phthalate	n/a	<	0.3	µg/L	EPA 625.1	0.3	2	WKL	
MO-HUE	2020/21-4	Dry	5/12/2021 9:50:00 AM	5/19/2021 1:49:00 AM	Dimethyl phthalate	n/a	DNQ	1.9	µg/L	EPA 625.1	0.36	2	WKL	
MO-HUE	2020/21-4	Dry	5/12/2021 9:50:00 AM	5/19/2021 1:49:00 AM	Di-n-butylphthalate	n/a	<	0.2	µg/L	EPA 625.1	0.2	2	WKL	
MO-HUE	2020/21-4	Dry	5/12/2021 9:50:00 AM	5/19/2021 1:49:00 AM	Di-n-octylphthalate	n/a	<	0.92	µg/L	EPA 625.1	0.92	2	WKL	
MO-HUE	2020/21-4	Dry	5/12/2021 9:50:00 AM	6/3/2021 8:23:00 AM	Fluoranthene	n/a	<	0.078	µg/L	EPA 8270C	0.078	0.2	WKL	
MO-HUE	2020/21-4	Dry	5/12/2021 9:50:00 AM	5/19/2021 1:49:00 AM	Fluoranthene	n/a	<	0.16	µg/L	EPA 625.1	0.16	2	WKL	
MO-HUE	2020/21-4	Dry	5/12/2021 9:50:00 AM	6/3/2021 8:23:00 AM	Fluorene	n/a	<	0.058	µg/L	EPA 8270C	0.058	0.2	WKL	
MO-HUE	2020/21-4	Dry	5/12/2021 9:50:00 AM	5/19/2021 1:49:00 AM	Fluorene	n/a	<	0.7	µg/L	EPA 625.1	0.7	2	WKL	
MO-HUE	2020/21-4	Dry	5/12/2021 9:50:00 AM	5/19/2021 1:49:00 AM	Hexachlorobenzene	n/a	<	0.98	µg/L	EPA 625.1	0.98	2	WKL	
MO-HUE	2020/21-4	Dry	5/12/2021 9:50:00 AM	5/19/2021 1:49:00 AM	Hexachlorobutadiene	n/a	<	0.94	µg/L	EPA 625.1	0.94	2	WKL	
MO-HUE	2020/21-4	Dry	5/12/2021 9:50:00 AM	5/19/2021 1:49:00 AM	Hexachlorocyclopentadiene	n/a	<	2	µg/L	EPA 625.1	2	10	WKL	
MO-HUE	2020/21-4	Dry	5/12/2021 9:50:00 AM	5/19/2021 1:49:00 AM	Hexachloroethane	n/a	<	1	µg/L	EPA 625.1	1	2	WKL	
MO-HUE	2020/21-4	Dry	5/12/2021 9:50:00 AM	6/3/2021 8:23:00 AM	Indeno(1,2,3-cd)pyrene	n/a	<	0.13	µg/L	EPA 8270C	0.13	0.2	WKL	
MO-HUE	2020/21-4	Dry	5/12/2021 9:50:00 AM	5/19/2021 1:49:00 AM	Indeno(1,2,3-cd)pyrene	n/a	<	1.1	µg/L	EPA 625.1	1.1	4	WKL	
MO-HUE	2020/21-4	Dry	5/12/2021 9:50:00 AM	5/19/2021 1:49:00 AM	Isophorone	n/a	<	0.42	µg/L	EPA 625.1	0.42	2	WKL	
MO-HUE	2020/21-4	Dry	5/12/2021 9:50:00 AM	6/3/2021 8:23:00 AM	Naphthalene	n/a	<	0.052	µg/L	EPA 8270C	0.052	0.2	WKL	
MO-HUE	2020/21-4	Dry	5/12/2021 9:50:00 AM	5/19/2021 1:49:00 AM	Naphthalene	n/a	<	0.98	µg/L	EPA 625.1	0.98	2	WKL	
MO-HUE	2020/21-4	Dry	5/12/2021 9:50:00 AM	5/19/2021 1:49:00 AM	Nitrobenzene	n/a	<	0.72	µg/L	EPA 625.1	0.72	2	WKL	
MO-HUE	2020/21-4	Dry	5/12/2021 9:50:00 AM	5/19/2021 1:49:00 AM	N-Nitrosodimethylamine	n/a	<	1	µg/L	EPA 625.1	1	2	WKL	
MO-HUE	2020/21-4	Dry	5/12/2021 9:50:00 AM	5/19/2021 1:49:00 AM	N-Nitrosodi-N-propylamine	n/a	<	0.52	µg/L	EPA 625.1	0.52	2	WKL	
MO-HUE	2020/21-4	Dry	5/12/2021 9:50:00 AM	5/19/2021 1:49:00 AM	N-Nitrosodiphenylamine	n/a	<	0.38	µg/L	EPA 625.1	0.38	2	WKL	
MO-HUE	2020/21-4	Dry	5/12/2021 9:50:00 AM	6/3/2021 8:23:00 AM	Phenanthrene	n/a	<	0.058	µg/L	EPA 8270C	0.058	0.2	WKL	
MO-HUE	2020/21-4	Dry	5/12/2021 9:50:00 AM	5/19/2021 1:49:00 AM	Phenanthrene	n/a	<	0.64	µg/L	EPA 625.1	0.64	2	WKL	
MO-HUE	2020/21-4	Dry	5/12/2021 9:50:00 AM	5/25/2021 4:08:00 AM	Phenol	n/a	<	0.7	µg/L	EPA 8270C	0.7	2	WKL	
MO-HUE	2020/21-4	Dry	5/12/2021 9:50:00 AM	5/19/2021 1:49:00 AM	Phenol	n/a	<	0.32	µg/L	EPA 625.1	0.32	2	WKL	
MO-HUE	2020/21-4	Dry	5/12/2021 9:50:00 AM	6/3/2021 8:23:00 AM	Pyrene	n/a	<	0.08	µg/L	EPA 8270C	0.08	0.2	WKL	
MO-HUE	2020/21-4	Dry	5/12/2021 9:50:00 AM	5/19/2021 1:49:00 AM	Pyrene	n/a	<	0.5	µg/L	EPA 625.1	0.5	2	WKL	
MO-HUE	2020/21-4	Dry	5/12/2021 9:50:00 AM	6/5/2021 6:50:00 AM	PCB Aroclor 1016	n/a	<	0.5	µg/L	EPA 608.3	0.5	2.5	WKL	
MO-HUE	2020/21-4	Dry	5/12/2021 9:50:00 AM	6/5/2021 6:50:00 AM	PCB Aroclor 1221	n/a	<	0.5	µg/L	EPA 608.3	0.5	2.5	WKL	
MO-HUE	2020/21-4	Dry	5/12/2021 9:50:00 AM	6/5/2021 6:50:00 AM	PCB Aroclor 1232	n/a	<	0.5	µg/L	EPA 608.3	0.5	2.5	WKL	
MO-HUE	2020/21-4	Dry	5/12/2021 9:50:00 AM	6/5/2021 6:50:00 AM	PCB Aroclor 1242	n/a	<	0.5	µg/L	EPA 608.3	0.5	2.5	WKL	
MO-HUE	2020/21-4	Dry	5/12/2021 9:50:00 AM	6/5/2021 6:50:00 AM	PCB Aroclor 1248	n/a	<	0.5	µg/L	EPA 608.3	0.5	2.5	WKL	
MO-HUE	2020/21-4	Dry	5/12/2021 9:50:00 AM	6/5/2021 6:50:00 AM	PCB Aroclor 1254	n/a	<	0.5	µg/L	EPA 608.3	0.5	2.5	WKL	
MO-HUE	2020/21-4	Dry	5/12/2021 9:50:00 AM	6/5/2021 6:50:00 AM	PCB Aroclor 1260	n/a	<	0.5	µg/L	EPA 608.3	0.5	2.5	WKL	
MO-HUE	2020/21-4	Dry	5/12/2021 9:50:00 AM	5/23/2021 7:47:00 AM	2,4,5-T	n/a	<	0.11	µg/L	EPA 515.4	0.11	0.4	WKL	
MO-HUE	2020/21-4	Dry	5/12/2021 9:50:00 AM	5/23/2021 7:47:00 AM	2,4,5-TP	n/a	<	0.092	µg/L	EPA 515.4	0.092	0.4	WKL	
MO-HUE	2020/21-4	Dry	5/12/2021 9:50:00 AM	5/23/2021 7:47:00 AM	2,4-D	n/a	<	0.28	µg/L	EPA 515.4	0.28	0.8	WKL	
MO-HUE	2020/21-4	Dry	5/12/2021 9:50:00 AM	5/23/2021 7:47:00 AM	2,4-DB	n/a	<	0.38	µg/L	EPA 515.4	0.38	4	WKL	
MO-HUE	2020/21-4	Dry	5/12/2021 9:50:00 AM	5/23/2021 7:47:00 AM	3,5-Dichlorobenzoic acid	n/a	<	0.24	µg/L	EPA 515.4	0.24	2	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-HUE	2020/21-4	Dry	5/12/2021 9:50:00 AM	6/5/2021 6:50:00 AM	4,4'-DDD	n/a	<	0.0035	µg/L	EPA 608.3	0.0035	0.25	WKL	
MO-HUE	2020/21-4	Dry	5/12/2021 9:50:00 AM	6/5/2021 6:50:00 AM	4,4'-DDE	n/a	<	0.0035	µg/L	EPA 608.3	0.0035	0.25	WKL	
MO-HUE	2020/21-4	Dry	5/12/2021 9:50:00 AM	6/5/2021 6:50:00 AM	4,4'-DDT	n/a	<	0.0055	µg/L	EPA 608.3	0.0055	0.05	WKL	
MO-HUE	2020/21-4	Dry	5/12/2021 9:50:00 AM	5/23/2021 7:47:00 AM	Acifluorfen	n/a	<	0.14	µg/L	EPA 515.4	0.14	0.8	WKL	
MO-HUE	2020/21-4	Dry	5/12/2021 9:50:00 AM	6/3/2021 9:24:00 PM	Alachlor	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1	WKL	
MO-HUE	2020/21-4	Dry	5/12/2021 9:50:00 AM	6/5/2021 6:50:00 AM	Aldrin	n/a	<	0.005	µg/L	EPA 608.3	0.005	0.025	WKL	
MO-HUE	2020/21-4	Dry	5/12/2021 9:50:00 AM	6/5/2021 6:50:00 AM	alpha-BHC	n/a	<	0.0055	µg/L	EPA 608.3	0.0055	0.05	WKL	
MO-HUE	2020/21-4	Dry	5/12/2021 9:50:00 AM	6/5/2021 6:50:00 AM	alpha-Chlordane	n/a	<	0.014	µg/L	EPA 608.3	0.014	0.05	WKL	
MO-HUE	2020/21-4	Dry	5/12/2021 9:50:00 AM	6/3/2021 9:24:00 PM	Atrazine	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1	WKL	
MO-HUE	2020/21-4	Dry	5/12/2021 9:50:00 AM	5/20/2021 7:45:00 PM	Azinphos methyl	n/a	<	0.0055	µg/L	EPA 625.1m	0.0055	0.01	WKL	
MO-HUE	2020/21-4	Dry	5/12/2021 9:50:00 AM	5/23/2021 7:47:00 AM	Bentazon	n/a	<	0.46	µg/L	EPA 515.4	0.46	4	WKL	
MO-HUE	2020/21-4	Dry	5/12/2021 9:50:00 AM	6/5/2021 6:50:00 AM	beta-BHC	n/a	<	0.0075	µg/L	EPA 608.3	0.0075	0.025	WKL	
MO-HUE	2020/21-4	Dry	5/12/2021 9:50:00 AM	5/20/2021 7:45:00 PM	Bolstar	n/a	<	0.0046	µg/L	EPA 625.1m	0.0046	0.01	WKL	
MO-HUE	2020/21-4	Dry	5/12/2021 9:50:00 AM	6/3/2021 9:24:00 PM	Bromacil	n/a	<	0.16	µg/L	EPA 525.2	0.16	0.5	WKL	
MO-HUE	2020/21-4	Dry	5/12/2021 9:50:00 AM	6/3/2021 9:24:00 PM	Butachlor	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1	WKL	
MO-HUE	2020/21-4	Dry	5/12/2021 9:50:00 AM	6/3/2021 9:24:00 PM	Captan	n/a	<	0.16	µg/L	EPA 525.2	0.16	1	WKL	
MO-HUE	2020/21-4	Dry	5/12/2021 9:50:00 AM	6/5/2021 6:50:00 AM	Chlordane (technical)	n/a	<	0.22	µg/L	EPA 608.3	0.22	0.5	WKL	
MO-HUE	2020/21-4	Dry	5/12/2021 9:50:00 AM	6/3/2021 9:24:00 PM	Chlorpropham	n/a	<	0.04	µg/L	EPA 525.2	0.04	0.1	WKL	
MO-HUE	2020/21-4	Dry	5/12/2021 9:50:00 AM	5/20/2021 7:45:00 PM	Chlorpyrifos	n/a	<	0.0069	µg/L	EPA 625.1m	0.0069	0.01	WKL	
MO-HUE	2020/21-4	Dry	5/12/2021 9:50:00 AM	5/20/2021 7:45:00 PM	Coumaphos	n/a	<	0.0051	µg/L	EPA 625.1m	0.0051	0.01	WKL	
MO-HUE	2020/21-4	Dry	5/12/2021 9:50:00 AM	6/3/2021 9:24:00 PM	Cyanazine	n/a	<	0.04	µg/L	EPA 525.2	0.04	0.1	WKL	
MO-HUE	2020/21-4	Dry	5/12/2021 9:50:00 AM	5/23/2021 7:47:00 AM	Dalapon	n/a	<	0.22	µg/L	EPA 515.4	0.22	0.8	WKL	
MO-HUE	2020/21-4	Dry	5/12/2021 9:50:00 AM	5/23/2021 7:47:00 AM	DCPA (Daacthal)	n/a	<	0.11	µg/L	EPA 515.4	0.11	0.2	WKL	
MO-HUE	2020/21-4	Dry	5/12/2021 9:50:00 AM	6/5/2021 6:50:00 AM	delta-BHC	n/a	<	0.0095	µg/L	EPA 608.3	0.0095	0.025	WKL	
MO-HUE	2020/21-4	Dry	5/12/2021 9:50:00 AM	5/20/2021 7:45:00 PM	Demeton-O	n/a	<	0.01	µg/L	EPA 625.1m	0.01	0.01	WKL	LB-MSR
MO-HUE	2020/21-4	Dry	5/12/2021 9:50:00 AM	5/20/2021 7:45:00 PM	Demeton-S	n/a	<	0.01	µg/L	EPA 625.1m	0.01	0.01	WKL	
MO-HUE	2020/21-4	Dry	5/12/2021 9:50:00 AM	6/3/2021 9:24:00 PM	Diazinon	n/a	<	0.05	µg/L	EPA 525.2	0.05	0.1	WKL	
MO-HUE	2020/21-4	Dry	5/12/2021 9:50:00 AM	5/20/2021 7:45:00 PM	Diazinon	n/a	<	0.0052	µg/L	EPA 625.1m	0.0052	0.01	WKL	
MO-HUE	2020/21-4	Dry	5/12/2021 9:50:00 AM	5/23/2021 7:47:00 AM	Dicamba	n/a	<	0.15	µg/L	EPA 515.4	0.15	1.2	WKL	
MO-HUE	2020/21-4	Dry	5/12/2021 9:50:00 AM	5/23/2021 7:47:00 AM	Dichlorprop	n/a	<	0.24	µg/L	EPA 515.4	0.24	0.6	WKL	
MO-HUE	2020/21-4	Dry	5/12/2021 9:50:00 AM	5/20/2021 7:45:00 PM	Dichlorvos	n/a	<	0.0029	µg/L	EPA 625.1m	0.0029	0.01	WKL	
MO-HUE	2020/21-4	Dry	5/12/2021 9:50:00 AM	6/5/2021 6:50:00 AM	Dieldrin	n/a	<	0.004	µg/L	EPA 608.3	0.004	0.05	WKL	
MO-HUE	2020/21-4	Dry	5/12/2021 9:50:00 AM	6/3/2021 9:24:00 PM	Dimethoate	n/a	<	0.02	µg/L	EPA 525.2	0.02	0.2	WKL	
MO-HUE	2020/21-4	Dry	5/12/2021 9:50:00 AM	5/20/2021 7:45:00 PM	Dimethoate	n/a	<	0.0062	µg/L	EPA 625.1m	0.0062	0.01	WKL	
MO-HUE	2020/21-4	Dry	5/12/2021 9:50:00 AM	5/23/2021 7:47:00 AM	Dinoseb	n/a	<	0.11	µg/L	EPA 515.4	0.11	0.8	WKL	
MO-HUE	2020/21-4	Dry	5/12/2021 9:50:00 AM	6/3/2021 9:24:00 PM	Diphenamid	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1	WKL	
MO-HUE	2020/21-4	Dry	5/12/2021 9:50:00 AM	6/3/2021 9:24:00 PM	Disulfoton	n/a	<	0.04	µg/L	EPA 525.2	0.04	0.1	WKL	
MO-HUE	2020/21-4	Dry	5/12/2021 9:50:00 AM	5/20/2021 7:45:00 PM	Disulfoton	n/a	<	0.01	µg/L	EPA 625.1m	0.01	0.01	WKL	
MO-HUE	2020/21-4	Dry	5/12/2021 9:50:00 AM	6/5/2021 6:50:00 AM	Endosulfan I	n/a	<	0.0045	µg/L	EPA 608.3	0.0045	0.1	WKL	
MO-HUE	2020/21-4	Dry	5/12/2021 9:50:00 AM	6/5/2021 6:50:00 AM	Endosulfan II	n/a	<	0.0035	µg/L	EPA 608.3	0.0035	0.05	WKL	
MO-HUE	2020/21-4	Dry	5/12/2021 9:50:00 AM	6/5/2021 6:50:00 AM	Endosulfan sulfate	n/a	<	0.0065	µg/L	EPA 608.3	0.0065	0.25	WKL	
MO-HUE	2020/21-4	Dry	5/12/2021 9:50:00 AM	6/5/2021 6:50:00 AM	Endrin	n/a	<	0.0085	µg/L	EPA 608.3	0.0085	0.05	WKL	
MO-HUE	2020/21-4	Dry	5/12/2021 9:50:00 AM	6/5/2021 6:50:00 AM	Endrin aldehyde	n/a	<	0.0095	µg/L	EPA 608.3	0.0095	0.05	WKL	
MO-HUE	2020/21-4	Dry	5/12/2021 9:50:00 AM	6/3/2021 9:24:00 PM	EPTC	n/a	<	0.02	µg/L	EPA 525.2	0.02	0.1	WKL	
MO-HUE	2020/21-4	Dry	5/12/2021 9:50:00 AM	5/20/2021 7:45:00 PM	Ethoprop	n/a	<	0.0067	µg/L	EPA 625.1m	0.0067	0.01	WKL	
MO-HUE	2020/21-4	Dry	5/12/2021 9:50:00 AM	5/20/2021 7:45:00 PM	Ethyl parathion	n/a	<	0.0054	µg/L	EPA 625.1m	0.0054	0.01	WKL	
MO-HUE	2020/21-4	Dry	5/12/2021 9:50:00 AM	5/20/2021 7:45:00 PM	Fensulfothion	n/a	<	0.0029	µg/L	EPA 625.1m	0.0029	0.01	WKL	
MO-HUE	2020/21-4	Dry	5/12/2021 9:50:00 AM	5/20/2021 7:45:00 PM	Fenthion	n/a	<	0.0038	µg/L	EPA 625.1m	0.0038	0.01	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-HUE	2020/21-4	Dry	5/12/2021 9:50:00 AM	6/5/2021 6:50:00 AM	gamma-BHC (Lindane)	n/a	<	0.002	µg/L	EPA 608.3	0.002	0.1	WKL	
MO-HUE	2020/21-4	Dry	5/12/2021 9:50:00 AM	6/5/2021 6:50:00 AM	gamma-Chlordane	n/a	<	0.012	µg/L	EPA 608.3	0.012	0.05	WKL	
MO-HUE	2020/21-4	Dry	5/12/2021 9:50:00 AM	5/14/2021 4:09:00 AM	Glyphosate	n/a	<	1.8	µg/L	EPA 547	1.8	5	WKL	
MO-HUE	2020/21-4	Dry	5/12/2021 9:50:00 AM	6/5/2021 6:50:00 AM	Heptachlor	n/a	<	0.003	µg/L	EPA 608.3	0.003	0.05	WKL	
MO-HUE	2020/21-4	Dry	5/12/2021 9:50:00 AM	6/5/2021 6:50:00 AM	Heptachlor epoxide	n/a	<	0.002	µg/L	EPA 608.3	0.002	0.05	WKL	
MO-HUE	2020/21-4	Dry	5/12/2021 9:50:00 AM	5/20/2021 7:45:00 PM	Malathion	n/a	<	0.0076	µg/L	EPA 625.1m	0.0076	0.01	WKL	
MO-HUE	2020/21-4	Dry	5/12/2021 9:50:00 AM	5/20/2021 7:45:00 PM	Merphos	n/a	<	0.0058	µg/L	EPA 625.1m	0.0058	0.01	WKL	
MO-HUE	2020/21-4	Dry	5/12/2021 9:50:00 AM	5/20/2021 7:45:00 PM	Methyl parathion	n/a	<	0.0063	µg/L	EPA 625.1m	0.0063	0.01	WKL	
MO-HUE	2020/21-4	Dry	5/12/2021 9:50:00 AM	6/3/2021 9:24:00 PM	Metolachlor	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1	WKL	
MO-HUE	2020/21-4	Dry	5/12/2021 9:50:00 AM	6/3/2021 9:24:00 PM	Metribuzin	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1	WKL	
MO-HUE	2020/21-4	Dry	5/12/2021 9:50:00 AM	5/20/2021 7:45:00 PM	Mevinphos	n/a	<	0.0042	µg/L	EPA 625.1m	0.0042	0.01	WKL	
MO-HUE	2020/21-4	Dry	5/12/2021 9:50:00 AM	6/3/2021 9:24:00 PM	Molinate	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1	WKL	
MO-HUE	2020/21-4	Dry	5/12/2021 9:50:00 AM	5/20/2021 7:45:00 PM	Naled	n/a	<	0.0076	µg/L	EPA 625.1m	0.0076	0.01	WKL	
MO-HUE	2020/21-4	Dry	5/12/2021 9:50:00 AM	5/23/2021 7:47:00 AM	Pentachlorophenol	n/a	<	0.092	µg/L	EPA 515.4	0.092	0.4	WKL	
MO-HUE	2020/21-4	Dry	5/12/2021 9:50:00 AM	5/19/2021 1:49:00 AM	Pentachlorophenol	n/a	<	0.8	µg/L	EPA 625.1	0.8	2	WKL	
MO-HUE	2020/21-4	Dry	5/12/2021 9:50:00 AM	5/25/2021 4:08:00 AM	Pentachlorophenol	n/a	<	0.3	µg/L	EPA 8270C	0.3	2	WKL	
MO-HUE	2020/21-4	Dry	5/12/2021 9:50:00 AM	5/20/2021 7:45:00 PM	Phorate	n/a	<	0.003	µg/L	EPA 625.1m	0.003	0.01	WKL	
MO-HUE	2020/21-4	Dry	5/12/2021 9:50:00 AM	5/23/2021 7:47:00 AM	Picloram	n/a	<	0.076	µg/L	EPA 515.4	0.076	1.2	WKL	
MO-HUE	2020/21-4	Dry	5/12/2021 9:50:00 AM	6/3/2021 9:24:00 PM	Prometon	n/a	<	0.01	µg/L	EPA 525.2	0.01	0.1	WKL	
MO-HUE	2020/21-4	Dry	5/12/2021 9:50:00 AM	6/3/2021 9:24:00 PM	Prometryn	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1	WKL	
MO-HUE	2020/21-4	Dry	5/12/2021 9:50:00 AM	5/20/2021 7:45:00 PM	Ronnel (Fenchlorphos)	n/a	<	0.0041	µg/L	EPA 625.1m	0.0041	0.01	WKL	
MO-HUE	2020/21-4	Dry	5/12/2021 9:50:00 AM	6/3/2021 9:24:00 PM	Simazine	n/a	<	0.02	µg/L	EPA 525.2	0.02	0.1	WKL	
MO-HUE	2020/21-4	Dry	5/12/2021 9:50:00 AM	5/20/2021 7:45:00 PM	Stirophos (Tetrachlorvinphos)	n/a	<	0.0031	µg/L	EPA 625.1m	0.0031	0.01	WKL	
MO-HUE	2020/21-4	Dry	5/12/2021 9:50:00 AM	6/3/2021 9:24:00 PM	Terbacil	n/a	<	0.09	µg/L	EPA 525.2	0.09	2	WKL	
MO-HUE	2020/21-4	Dry	5/12/2021 9:50:00 AM	6/3/2021 9:24:00 PM	Thiobencarb	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1	WKL	
MO-HUE	2020/21-4	Dry	5/12/2021 9:50:00 AM	5/20/2021 7:45:00 PM	Tokuthion	n/a	<	0.0078	µg/L	EPA 625.1m	0.0078	0.01	WKL	
MO-HUE	2020/21-4	Dry	5/12/2021 9:50:00 AM	6/5/2021 6:50:00 AM	Toxaphene	n/a	<	0.42	µg/L	EPA 608.3	0.42	2.5	WKL	
MO-HUE	2020/21-4	Dry	5/12/2021 9:50:00 AM	5/20/2021 7:45:00 PM	Trichloronate	n/a	<	0.0067	µg/L	EPA 625.1m	0.0067	0.01	WKL	
MO-HUE	2020/21-4	Dry	5/12/2021 9:50:00 AM	6/3/2021 9:24:00 PM	Trithion	n/a	<	0.02	µg/L	EPA 525.2	0.02	0.1	WKL	
MO-MEI	2020/21-1	Wet	12/28/2020 6:00:00 AM	12/29/2020 12:00:00 PM	E. Coli	n/a	=	4352	MPN/100 mL	MMO-MUG	10	10	VCHCA	
MO-MEI	2020/21-1	Wet	12/28/2020 6:00:00 AM	12/29/2020 12:00:00 PM	Total Coliform	n/a	=	32300	MPN/100 mL	MMO-MUG	1000	1000	VCHCA	
MO-MEI	2020/21-1	Wet	12/28/2020 6:00:00 AM	12/28/2020 6:00:00 AM	Conductivity	n/a	=	90.4	µmhos/cm	Field Meter	-88	1	Field Crew	
MO-MEI	2020/21-1	Wet	12/28/2020 6:00:00 AM	1/5/2021 2:42:00 PM	Cyanide	Total	=	0.0056	mg/L	ASTM D7511	0.0003	0.002	WKL	
MO-MEI	2020/21-1	Wet	12/28/2020 6:00:00 AM	12/28/2020 6:00:00 AM	DO	n/a	=	83.6	%	Field Meter	-88	0.1	Field Crew	
MO-MEI	2020/21-1	Wet	12/28/2020 6:00:00 AM	12/28/2020 6:00:00 AM	DO	n/a	=	9.42	mg/L	Field Meter	-88	0.3	Field Crew	
MO-MEI	2020/21-1	Wet	12/28/2020 6:00:00 AM	12/28/2020 6:00:00 AM	pH	n/a	=	7.45	pH Units	Field Meter	-88	0.01	Field Crew	
MO-MEI	2020/21-1	Wet	12/28/2020 6:00:00 AM	12/28/2020 6:00:00 AM	Salinity	n/a	=	100	mg/L	Field Meter	-88	100	Field Crew	
MO-MEI	2020/21-1	Wet	12/28/2020 6:00:00 AM	12/28/2020 6:00:00 AM	Specific Conductance	n/a	=	126.6	µmhos/cm	Field Meter	-88	1	Field Crew	
MO-MEI	2020/21-1	Wet	12/28/2020 6:00:00 AM	12/28/2020 6:00:00 AM	Temperature	n/a	=	10.1	°C	Field Meter	-88	0.1	Field Crew	
MO-MEI	2020/21-1	Wet	12/28/2020 6:00:00 AM	1/3/2021 7:59:00 PM	Gasoline Range Organics	n/a	<	0.065	mg/L	LUFT GC/MS	0.065	0.1	WKL	
MO-MEI	2020/21-1	Wet	12/28/2020 6:00:00 AM	1/15/2021 5:19:00 PM	Oil and Grease	n/a	DNQ	1	mg/L	EPA 1664B	0.7	5	WKL	
MO-MEI	2020/21-1	Wet	12/28/2020 6:00:00 AM	12/29/2020 3:29:00 PM	2-Chloroethyl vinyl ether	n/a	<	0.19	µg/L	EPA 624.1	0.19	1	WKL	
MO-MEI	2020/21-1	Wet	12/28/2020 6:00:00 AM	12/29/2020 3:29:00 PM	Methyl tert-butyl ether (MTBE)	n/a	<	0.4	µg/L	EPA 624.1	0.4	1	WKL	
MO-MEI	2020/21-1	Wet	12/28/2020 11:20:00 AM	12/30/2020 3:03:00 AM	Chloride	n/a	=	11	mg/L	EPA 300.0	0.085	0.5	WKL	
MO-MEI	2020/21-1	Wet	12/28/2020 11:20:00 AM	12/30/2020 3:03:00 AM	Fluoride	n/a	=	0.13	mg/L	EPA 300.0	0.009	0.1	WKL	
MO-MEI	2020/21-1	Wet	12/28/2020 11:20:00 AM	12/30/2020 11:20:00 PM	Perchlorate	n/a	<	0.84	µg/L	EPA 314.0	0.84	2	WKL	
MO-MEI	2020/21-1	Wet	12/28/2020 11:20:00 AM	1/2/2021 12:51:00 PM	Calcium	Total	=	17.5	mg/L	EPA 200.7	0.016	0.1	WKL	
MO-MEI	2020/21-1	Wet	12/28/2020 11:20:00 AM	1/2/2021 12:51:00 PM	Magnesium	Total	=	7.92	mg/L	EPA 200.7	0.012	0.1	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-MEI	2020/21-1	Wet	12/28/2020 11:20:00 AM	1/4/2021 12:30:00 PM	Alkalinity as CaCO3	n/a	=	110	mg/L	SM 2320 B	0.56	5	WKL	
MO-MEI	2020/21-1	Wet	12/28/2020 11:20:00 AM	1/3/2021 12:10:00 PM	BOD	n/a	=	79	mg/L	SM 5210 B	2	2	WKL	
MO-MEI	2020/21-1	Wet	12/28/2020 11:20:00 AM	12/30/2020 12:29:00 PM	COD	n/a	=	290	mg/L	EPA 410.4	2.9	5	WKL	
MO-MEI	2020/21-1	Wet	12/28/2020 11:20:00 AM	1/2/2021 12:51:00 PM	Hardness as CaCO3	Total	=	76.4	mg/L	EPA 200.7	0.0894	0.662	WKL	
MO-MEI	2020/21-1	Wet	12/28/2020 11:20:00 AM	12/29/2020 3:17:00 PM	MBAS	n/a	=	0.087	mg/L	SM 5540 C	0.017	0.05	WKL	
MO-MEI	2020/21-1	Wet	12/28/2020 11:20:00 AM	1/5/2021 1:33:00 PM	Phenolics	n/a	=	0.014	mg/L	EPA 420.4	0.0032	0.01	WKL	
MO-MEI	2020/21-1	Wet	12/28/2020 11:20:00 AM	1/5/2021 12:47:00 PM	Specific Conductance	n/a	=	270	µmhos/cm	SM 2510 B	0.23	2	WKL	
MO-MEI	2020/21-1	Wet	12/28/2020 11:20:00 AM	12/30/2020 6:44:00 PM	Total Dissolved Solids	n/a	=	190	mg/L	SM 2540 C	4	10	WKL	
MO-MEI	2020/21-1	Wet	12/28/2020 11:20:00 AM	12/30/2020 2:24:00 PM	Total Organic Carbon	n/a	=	52	mg/L	SM 5310 B	0.096	0.3	WKL	
MO-MEI	2020/21-1	Wet	12/28/2020 11:20:00 AM	12/30/2020 12:43:00 PM	Total Suspended Solids	n/a	=	850	mg/L	SM 2540 D	-88	5	WKL	
MO-MEI	2020/21-1	Wet	12/28/2020 11:20:00 AM	12/29/2020 3:32:00 PM	Turbidity	n/a	=	50	NTU	EPA 180.1	0.034	0.2	WKL	
MO-MEI	2020/21-1	Wet	12/28/2020 11:20:00 AM	12/30/2020 12:43:00 PM	Volatile Suspended Solids	n/a	=	280	mg/L	EPA 160.4	3.1	5	WKL	
MO-MEI	2020/21-1	Wet	12/28/2020 11:20:00 AM	1/11/2021 10:55:00 PM	Diesel Range Organics	n/a	=	0.14	mg/L	EPA 8015B	0.032	0.1	WKL	UL-MB
MO-MEI	2020/21-1	Wet	12/28/2020 11:20:00 AM	1/11/2021 10:55:00 PM	Oil Range Organics	n/a	<	0.33	mg/L	EPA 8015B	0.33	0.5	WKL	
MO-MEI	2020/21-1	Wet	12/28/2020 11:20:00 AM	1/4/2021 12:51:00 PM	Aluminum	Dissolved	=	50	µg/L	EPA 200.8	4.4	20	WKL	
MO-MEI	2020/21-1	Wet	12/28/2020 11:20:00 AM	1/4/2021 12:53:00 PM	Aluminum	Total	=	8800	µg/L	EPA 200.8	4.4	20	WKL	LB-MSR
MO-MEI	2020/21-1	Wet	12/28/2020 11:20:00 AM	1/4/2021 12:51:00 PM	Antimony	Dissolved	DNQ	0.35	µg/L	EPA 200.8	0.089	0.5	WKL	
MO-MEI	2020/21-1	Wet	12/28/2020 11:20:00 AM	1/4/2021 12:53:00 PM	Antimony	Total	=	0.96	µg/L	EPA 200.8	0.089	0.5	WKL	
MO-MEI	2020/21-1	Wet	12/28/2020 11:20:00 AM	1/4/2021 12:51:00 PM	Arsenic	Dissolved	=	1.1	µg/L	EPA 200.8	0.074	0.4	WKL	
MO-MEI	2020/21-1	Wet	12/28/2020 11:20:00 AM	1/4/2021 12:53:00 PM	Arsenic	Total	=	3.2	µg/L	EPA 200.8	0.074	0.4	WKL	
MO-MEI	2020/21-1	Wet	12/28/2020 11:20:00 AM	1/4/2021 12:53:00 PM	Barium	Total	=	160	µg/L	EPA 200.8	0.14	1	WKL	
MO-MEI	2020/21-1	Wet	12/28/2020 11:20:00 AM	1/4/2021 12:51:00 PM	Beryllium	Dissolved	<	0.062	µg/L	EPA 200.8	0.062	0.1	WKL	
MO-MEI	2020/21-1	Wet	12/28/2020 11:20:00 AM	1/4/2021 12:53:00 PM	Beryllium	Total	=	0.36	µg/L	EPA 200.8	0.062	0.1	WKL	
MO-MEI	2020/21-1	Wet	12/28/2020 11:20:00 AM	1/4/2021 12:51:00 PM	Cadmium	Dissolved	DNQ	0.056	µg/L	EPA 200.8	0.042	0.2	WKL	
MO-MEI	2020/21-1	Wet	12/28/2020 11:20:00 AM	1/4/2021 12:53:00 PM	Cadmium	Total	=	0.45	µg/L	EPA 200.8	0.042	0.2	WKL	
MO-MEI	2020/21-1	Wet	12/28/2020 11:20:00 AM	1/4/2021 12:51:00 PM	Chromium	Dissolved	=	0.74	µg/L	EPA 200.8	0.089	0.2	WKL	
MO-MEI	2020/21-1	Wet	12/28/2020 11:20:00 AM	1/4/2021 12:53:00 PM	Chromium	Total	=	21	µg/L	EPA 200.8	0.089	0.2	WKL	
MO-MEI	2020/21-1	Wet	12/28/2020 11:20:00 AM	12/30/2020 3:23:00 PM	Chromium VI	n/a	=	0.22	µg/L	EPA 218.6	0.0079	0.02	WKL	
MO-MEI	2020/21-1	Wet	12/28/2020 11:20:00 AM	1/4/2021 12:51:00 PM	Copper	Dissolved	=	12	µg/L	EPA 200.8	0.23	0.5	WKL	
MO-MEI	2020/21-1	Wet	12/28/2020 11:20:00 AM	1/4/2021 12:53:00 PM	Copper	Total	=	36	µg/L	EPA 200.8	0.23	0.5	WKL	
MO-MEI	2020/21-1	Wet	12/28/2020 11:20:00 AM	1/4/2021 12:51:00 PM	Iron	Dissolved	=	69	µg/L	EPA 200.8	3.9	20	WKL	
MO-MEI	2020/21-1	Wet	12/28/2020 11:20:00 AM	1/4/2021 1:19:00 PM	Iron	Total	=	12000	µg/L	EPA 200.8	20	100	WKL	LB-MSR
MO-MEI	2020/21-1	Wet	12/28/2020 11:20:00 AM	1/4/2021 12:51:00 PM	Lead	Dissolved	=	0.72	µg/L	EPA 200.8	0.083	0.2	WKL	
MO-MEI	2020/21-1	Wet	12/28/2020 11:20:00 AM	1/4/2021 12:53:00 PM	Lead	Total	=	18	µg/L	EPA 200.8	0.083	0.2	WKL	
MO-MEI	2020/21-1	Wet	12/28/2020 11:20:00 AM	1/5/2021 2:07:00 PM	Mercury	Dissolved	<	17	ng/L	EPA 245.1	17	50	WKL	
MO-MEI	2020/21-1	Wet	12/28/2020 11:20:00 AM	1/5/2021 2:09:00 PM	Mercury	Total	DNQ	48	ng/L	EPA 245.1	17	50	WKL	
MO-MEI	2020/21-1	Wet	12/28/2020 11:20:00 AM	1/4/2021 12:51:00 PM	Nickel	Dissolved	=	4.2	µg/L	EPA 200.8	0.16	2	WKL	
MO-MEI	2020/21-1	Wet	12/28/2020 11:20:00 AM	1/4/2021 12:53:00 PM	Nickel	Total	=	31	µg/L	EPA 200.8	0.16	2	WKL	
MO-MEI	2020/21-1	Wet	12/28/2020 11:20:00 AM	1/4/2021 12:51:00 PM	Selenium	Dissolved	DNQ	0.14	µg/L	EPA 200.8	0.067	0.4	WKL	
MO-MEI	2020/21-1	Wet	12/28/2020 11:20:00 AM	1/4/2021 12:53:00 PM	Selenium	Total	DNQ	0.34	µg/L	EPA 200.8	0.067	0.4	WKL	
MO-MEI	2020/21-1	Wet	12/28/2020 11:20:00 AM	1/4/2021 12:51:00 PM	Silver	Dissolved	<	0.03	µg/L	EPA 200.8	0.03	0.2	WKL	
MO-MEI	2020/21-1	Wet	12/28/2020 11:20:00 AM	1/4/2021 12:53:00 PM	Silver	Total	DNQ	0.19	µg/L	EPA 200.8	0.03	0.2	WKL	
MO-MEI	2020/21-1	Wet	12/28/2020 11:20:00 AM	1/4/2021 12:51:00 PM	Thallium	Dissolved	<	0.021	µg/L	EPA 200.8	0.021	0.2	WKL	
MO-MEI	2020/21-1	Wet	12/28/2020 11:20:00 AM	1/4/2021 12:53:00 PM	Thallium	Total	DNQ	0.1	µg/L	EPA 200.8	0.021	0.2	WKL	
MO-MEI	2020/21-1	Wet	12/28/2020 11:20:00 AM	1/4/2021 12:51:00 PM	Zinc	Dissolved	=	39	µg/L	EPA 200.8	0.8	10	WKL	
MO-MEI	2020/21-1	Wet	12/28/2020 11:20:00 AM	1/4/2021 12:53:00 PM	Zinc	Total	=	210	µg/L	EPA 200.8	0.8	10	WKL	
MO-MEI	2020/21-1	Wet	12/28/2020 11:20:00 AM	12/29/2020 5:52:00 PM	Ammonia as N	n/a	=	1	mg/L	EPA 350.1	0.047	0.1	WKL	
MO-MEI	2020/21-1	Wet	12/28/2020 11:20:00 AM	12/29/2020 12:43:00 PM	Nitrate + Nitrite as N	n/a	=	1.3	mg/L	EPA 353.2	0.036	0.2	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-MEI	2020/21-1	Wet	12/28/2020 11:20:00 AM	1/2/2021 12:48:00 PM	Phosphorus as P	Dissolved	=	0.59	mg/L	EPA 200.7	0.012	0.02	WKL	
MO-MEI	2020/21-1	Wet	12/28/2020 11:20:00 AM	1/2/2021 12:51:00 PM	Phosphorus as P	Total	=	1.5	mg/L	EPA 200.7	0.012	0.02	WKL	
MO-MEI	2020/21-1	Wet	12/28/2020 11:20:00 AM	12/31/2020 1:29:00 PM	TKN	n/a	=	5.9	mg/L	EPA 351.2	0.13	0.2	WKL	
MO-MEI	2020/21-1	Wet	12/28/2020 11:20:00 AM	2/2/2021 9:58:00 PM	1,2,4-Trichlorobenzene	n/a	<	4.9	µg/L	EPA 625.1	4.9	10	WKL	
MO-MEI	2020/21-1	Wet	12/28/2020 11:20:00 AM	2/2/2021 9:58:00 PM	1,2-Dichlorobenzene	n/a	<	4.6	µg/L	EPA 625.1	4.6	10	WKL	
MO-MEI	2020/21-1	Wet	12/28/2020 11:20:00 AM	2/2/2021 9:58:00 PM	1,2-Diphenylhydrazine	n/a	<	3	µg/L	EPA 625.1	3	10	WKL	
MO-MEI	2020/21-1	Wet	12/28/2020 11:20:00 AM	2/2/2021 9:58:00 PM	1,3-Dichlorobenzene	n/a	<	4.2	µg/L	EPA 625.1	4.2	10	WKL	
MO-MEI	2020/21-1	Wet	12/28/2020 11:20:00 AM	2/2/2021 9:58:00 PM	1,4-Dichlorobenzene	n/a	<	4.8	µg/L	EPA 625.1	4.8	10	WKL	
MO-MEI	2020/21-1	Wet	12/28/2020 11:20:00 AM	1/30/2021 8:41:00 PM	1-Methylnaphthalene	n/a	<	0.24	µg/L	EPA 8270C	0.24	1	WKL	
MO-MEI	2020/21-1	Wet	12/28/2020 11:20:00 AM	2/2/2021 2:09:00 AM	2,4,5-Trichlorophenol	n/a	<	2.9	µg/L	EPA 8270C	2.9	10	WKL	
MO-MEI	2020/21-1	Wet	12/28/2020 11:20:00 AM	2/2/2021 9:58:00 PM	2,4,6-Trichlorophenol	n/a	<	2.2	µg/L	EPA 625.1	2.2	10	WKL	
MO-MEI	2020/21-1	Wet	12/28/2020 11:20:00 AM	2/2/2021 2:09:00 AM	2,4,6-Trichlorophenol	n/a	<	3	µg/L	EPA 8270C	3	10	WKL	
MO-MEI	2020/21-1	Wet	12/28/2020 11:20:00 AM	2/2/2021 9:58:00 PM	2,4-Dichlorophenol	n/a	<	2.6	µg/L	EPA 625.1	2.6	10	WKL	
MO-MEI	2020/21-1	Wet	12/28/2020 11:20:00 AM	2/2/2021 2:09:00 AM	2,4-Dichlorophenol	n/a	<	5.1	µg/L	EPA 8270C	5.1	10	WKL	
MO-MEI	2020/21-1	Wet	12/28/2020 11:20:00 AM	2/2/2021 9:58:00 PM	2,4-Dimethylphenol	n/a	<	3	µg/L	EPA 625.1	3	10	WKL	
MO-MEI	2020/21-1	Wet	12/28/2020 11:20:00 AM	2/2/2021 2:09:00 AM	2,4-Dimethylphenol	n/a	<	10	µg/L	EPA 8270C	10	20	WKL	LB-LCSR
MO-MEI	2020/21-1	Wet	12/28/2020 11:20:00 AM	2/2/2021 9:58:00 PM	2,4-Dinitrophenol	n/a	<	19	µg/L	EPA 625.1	19	100	WKL	
MO-MEI	2020/21-1	Wet	12/28/2020 11:20:00 AM	2/2/2021 2:09:00 AM	2,4-Dinitrophenol	n/a	<	10	µg/L	EPA 8270C	10	20	WKL	
MO-MEI	2020/21-1	Wet	12/28/2020 11:20:00 AM	2/2/2021 9:58:00 PM	2,4-Dinitrotoluene	n/a	<	1.8	µg/L	EPA 625.1	1.8	10	WKL	
MO-MEI	2020/21-1	Wet	12/28/2020 11:20:00 AM	2/2/2021 9:58:00 PM	2,6-Dinitrotoluene	n/a	<	2.7	µg/L	EPA 625.1	2.7	10	WKL	
MO-MEI	2020/21-1	Wet	12/28/2020 11:20:00 AM	2/2/2021 9:58:00 PM	2-Chloronaphthalene	n/a	<	4.5	µg/L	EPA 625.1	4.5	10	WKL	
MO-MEI	2020/21-1	Wet	12/28/2020 11:20:00 AM	2/2/2021 9:58:00 PM	2-Chlorophenol	n/a	<	2.8	µg/L	EPA 625.1	2.8	10	WKL	
MO-MEI	2020/21-1	Wet	12/28/2020 11:20:00 AM	2/2/2021 2:09:00 AM	2-Chlorophenol	n/a	<	6.5	µg/L	EPA 8270C	6.5	10	WKL	
MO-MEI	2020/21-1	Wet	12/28/2020 11:20:00 AM	1/30/2021 8:41:00 PM	2-Methylnaphthalene	n/a	<	0.26	µg/L	EPA 8270C	0.26	1	WKL	
MO-MEI	2020/21-1	Wet	12/28/2020 11:20:00 AM	2/2/2021 2:09:00 AM	2-Methylphenol	n/a	<	3.4	µg/L	EPA 8270C	3.4	10	WKL	
MO-MEI	2020/21-1	Wet	12/28/2020 11:20:00 AM	2/2/2021 9:58:00 PM	2-Nitrophenol	n/a	<	2.6	µg/L	EPA 625.1	2.6	10	WKL	
MO-MEI	2020/21-1	Wet	12/28/2020 11:20:00 AM	2/2/2021 2:09:00 AM	2-Nitrophenol	n/a	<	7.1	µg/L	EPA 8270C	7.1	10	WKL	
MO-MEI	2020/21-1	Wet	12/28/2020 11:20:00 AM	2/2/2021 9:58:00 PM	3,3'-Dichlorobenzidine	n/a	<	9.9	µg/L	EPA 625.1	9.9	50	WKL	
MO-MEI	2020/21-1	Wet	12/28/2020 11:20:00 AM	2/2/2021 2:09:00 AM	3-4-Methylphenol	n/a	<	3	µg/L	EPA 8270C	3	10	WKL	
MO-MEI	2020/21-1	Wet	12/28/2020 11:20:00 AM	2/2/2021 2:09:00 AM	4,6-Dinitro-2-methylphenol	n/a	<	1.4	µg/L	EPA 8270C	1.4	10	WKL	
MO-MEI	2020/21-1	Wet	12/28/2020 11:20:00 AM	2/2/2021 9:58:00 PM	4,6-Dinitro-2-methylphenol	n/a	<	14	µg/L	EPA 625.1	14	50	WKL	
MO-MEI	2020/21-1	Wet	12/28/2020 11:20:00 AM	2/2/2021 9:58:00 PM	4-Bromophenyl phenyl ether	n/a	<	3.6	µg/L	EPA 625.1	3.6	10	WKL	
MO-MEI	2020/21-1	Wet	12/28/2020 11:20:00 AM	2/2/2021 2:09:00 AM	4-Chloro-3-methylphenol	n/a	<	3.7	µg/L	EPA 8270C	3.7	10	WKL	
MO-MEI	2020/21-1	Wet	12/28/2020 11:20:00 AM	2/2/2021 9:58:00 PM	4-Chloro-3-methylphenol	n/a	<	2.3	µg/L	EPA 625.1	2.3	10	WKL	
MO-MEI	2020/21-1	Wet	12/28/2020 11:20:00 AM	2/2/2021 9:58:00 PM	4-Chlorophenyl phenyl ether	n/a	<	4.1	µg/L	EPA 625.1	4.1	10	WKL	
MO-MEI	2020/21-1	Wet	12/28/2020 11:20:00 AM	2/2/2021 9:58:00 PM	4-Nitrophenol	n/a	<	12	µg/L	EPA 625.1	12	50	WKL	
MO-MEI	2020/21-1	Wet	12/28/2020 11:20:00 AM	2/2/2021 2:09:00 AM	4-Nitrophenol	n/a	<	10	µg/L	EPA 8270C	10	20	WKL	
MO-MEI	2020/21-1	Wet	12/28/2020 11:20:00 AM	2/2/2021 9:58:00 PM	Acenaphthene	n/a	<	3.8	µg/L	EPA 625.1	3.8	10	WKL	
MO-MEI	2020/21-1	Wet	12/28/2020 11:20:00 AM	1/30/2021 8:41:00 PM	Acenaphthene	n/a	<	0.28	µg/L	EPA 8270C	0.28	1	WKL	
MO-MEI	2020/21-1	Wet	12/28/2020 11:20:00 AM	2/2/2021 9:58:00 PM	Acenaphthylene	n/a	<	1.7	µg/L	EPA 625.1	1.7	10	WKL	
MO-MEI	2020/21-1	Wet	12/28/2020 11:20:00 AM	1/30/2021 8:41:00 PM	Acenaphthylene	n/a	<	0.33	µg/L	EPA 8270C	0.33	1	WKL	
MO-MEI	2020/21-1	Wet	12/28/2020 11:20:00 AM	1/30/2021 8:41:00 PM	Anthracene	n/a	<	0.25	µg/L	EPA 8270C	0.25	1	WKL	
MO-MEI	2020/21-1	Wet	12/28/2020 11:20:00 AM	2/2/2021 9:58:00 PM	Anthracene	n/a	<	1.2	µg/L	EPA 625.1	1.2	10	WKL	
MO-MEI	2020/21-1	Wet	12/28/2020 11:20:00 AM	2/2/2021 9:58:00 PM	Benz(a)anthracene	n/a	<	1.9	µg/L	EPA 625.1	1.9	10	WKL	
MO-MEI	2020/21-1	Wet	12/28/2020 11:20:00 AM	1/30/2021 8:41:00 PM	Benz(a)anthracene	n/a	<	0.51	µg/L	EPA 8270C	0.51	1	WKL	
MO-MEI	2020/21-1	Wet	12/28/2020 11:20:00 AM	2/2/2021 9:58:00 PM	Benzenidene	n/a	<	14	µg/L	EPA 625.1	14	100	WKL	
MO-MEI	2020/21-1	Wet	12/28/2020 11:20:00 AM	1/16/2021 2:58:00 AM	Benzo(a)pyrene	n/a	<	1	µg/L	EPA 525.2	1	5	WKL	
MO-MEI	2020/21-1	Wet	12/28/2020 11:20:00 AM	2/2/2021 9:58:00 PM	Benzo(a)pyrene	n/a	<	3.9	µg/L	EPA 625.1	3.9	10	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-MEI	2020/21-1	Wet	12/28/2020 11:20:00 AM	1/30/2021 8:41:00 PM	Benzo(a)pyrene	n/a	<	0.51	µg/L	EPA 8270C	0.51	1	WKL	
MO-MEI	2020/21-1	Wet	12/28/2020 11:20:00 AM	2/2/2021 9:58:00 PM	Benzo(b)fluoranthene	n/a	<	4.6	µg/L	EPA 625.1	4.6	10	WKL	
MO-MEI	2020/21-1	Wet	12/28/2020 11:20:00 AM	1/30/2021 8:41:00 PM	Benzo(b)fluoranthene	n/a	DNQ	0.51	µg/L	EPA 8270C	0.27	1	WKL	
MO-MEI	2020/21-1	Wet	12/28/2020 11:20:00 AM	1/30/2021 8:41:00 PM	Benzo(g,h,i)perylene	n/a	<	0.5	µg/L	EPA 8270C	0.5	1	WKL	
MO-MEI	2020/21-1	Wet	12/28/2020 11:20:00 AM	2/2/2021 9:58:00 PM	Benzo(g,h,i)perylene	n/a	<	4.2	µg/L	EPA 625.1	4.2	20	WKL	
MO-MEI	2020/21-1	Wet	12/28/2020 11:20:00 AM	2/2/2021 9:58:00 PM	Benzo(k)fluoranthene	n/a	<	2.2	µg/L	EPA 625.1	2.2	10	WKL	
MO-MEI	2020/21-1	Wet	12/28/2020 11:20:00 AM	1/30/2021 8:41:00 PM	Benzo(k)fluoranthene	n/a	DNQ	0.5	µg/L	EPA 8270C	0.26	1	WKL	
MO-MEI	2020/21-1	Wet	12/28/2020 11:20:00 AM	2/2/2021 9:58:00 PM	Bis(2-chloroethoxy)methane	n/a	<	2.5	µg/L	EPA 625.1	2.5	10	WKL	
MO-MEI	2020/21-1	Wet	12/28/2020 11:20:00 AM	2/2/2021 9:58:00 PM	Bis(2-chloroethyl)ether	n/a	<	2.7	µg/L	EPA 625.1	2.7	10	WKL	
MO-MEI	2020/21-1	Wet	12/28/2020 11:20:00 AM	2/2/2021 9:58:00 PM	Bis(2-chloroisopropyl)ether	n/a	<	3.8	µg/L	EPA 625.1	3.8	10	WKL	
MO-MEI	2020/21-1	Wet	12/28/2020 11:20:00 AM	1/16/2021 2:58:00 AM	Bis(2-ethylhexyl)adipate	n/a	DNQ	20	µg/L	EPA 525.2	6	250	WKL	UL-MB
MO-MEI	2020/21-1	Wet	12/28/2020 11:20:00 AM	1/16/2021 2:58:00 AM	Bis(2-ethylhexyl)phthalate	n/a	<	20	µg/L	EPA 525.2	20	150	WKL	
MO-MEI	2020/21-1	Wet	12/28/2020 11:20:00 AM	2/2/2021 9:58:00 PM	Bis(2-ethylhexyl)phthalate	n/a	<	23	µg/L	EPA 625.1	23	50	WKL	
MO-MEI	2020/21-1	Wet	12/28/2020 11:20:00 AM	2/2/2021 9:58:00 PM	Butyl benzyl phthalate	n/a	DNQ	4.2	µg/L	EPA 625.1	1.8	10	WKL	
MO-MEI	2020/21-1	Wet	12/28/2020 11:20:00 AM	2/2/2021 9:58:00 PM	Chrysene	n/a	<	1.9	µg/L	EPA 625.1	1.9	10	WKL	
MO-MEI	2020/21-1	Wet	12/28/2020 11:20:00 AM	1/30/2021 8:41:00 PM	Chrysene	n/a	<	0.32	µg/L	EPA 8270C	0.32	1	WKL	
MO-MEI	2020/21-1	Wet	12/28/2020 11:20:00 AM	1/30/2021 8:41:00 PM	Dibenz(a,h)anthracene	n/a	<	0.96	µg/L	EPA 8270C	0.96	1	WKL	
MO-MEI	2020/21-1	Wet	12/28/2020 11:20:00 AM	2/2/2021 9:58:00 PM	Dibenz(a,h)anthracene	n/a	<	5.3	µg/L	EPA 625.1	5.3	20	WKL	
MO-MEI	2020/21-1	Wet	12/28/2020 11:20:00 AM	2/2/2021 9:58:00 PM	Diethyl phthalate	n/a	<	1.5	µg/L	EPA 625.1	1.5	10	WKL	
MO-MEI	2020/21-1	Wet	12/28/2020 11:20:00 AM	2/2/2021 9:58:00 PM	Dimethyl phthalate	n/a	<	1.8	µg/L	EPA 625.1	1.8	10	WKL	
MO-MEI	2020/21-1	Wet	12/28/2020 11:20:00 AM	2/2/2021 9:58:00 PM	Di-n-butylphthalate	n/a	<	1	µg/L	EPA 625.1	1	10	WKL	
MO-MEI	2020/21-1	Wet	12/28/2020 11:20:00 AM	2/2/2021 9:58:00 PM	Di-n-octylphthalate	n/a	<	4.6	µg/L	EPA 625.1	4.6	10	WKL	
MO-MEI	2020/21-1	Wet	12/28/2020 11:20:00 AM	2/2/2021 9:58:00 PM	Fluoranthene	n/a	<	0.8	µg/L	EPA 625.1	0.8	10	WKL	
MO-MEI	2020/21-1	Wet	12/28/2020 11:20:00 AM	1/30/2021 8:41:00 PM	Fluoranthene	n/a	<	0.39	µg/L	EPA 8270C	0.39	1	WKL	
MO-MEI	2020/21-1	Wet	12/28/2020 11:20:00 AM	2/2/2021 9:58:00 PM	Fluorene	n/a	<	3.5	µg/L	EPA 625.1	3.5	10	WKL	
MO-MEI	2020/21-1	Wet	12/28/2020 11:20:00 AM	1/30/2021 8:41:00 PM	Fluorene	n/a	<	0.29	µg/L	EPA 8270C	0.29	1	WKL	
MO-MEI	2020/21-1	Wet	12/28/2020 11:20:00 AM	2/2/2021 9:58:00 PM	Hexachlorobenzene	n/a	<	4.9	µg/L	EPA 625.1	4.9	10	WKL	
MO-MEI	2020/21-1	Wet	12/28/2020 11:20:00 AM	2/2/2021 9:58:00 PM	Hexachlorobutadiene	n/a	<	4.7	µg/L	EPA 625.1	4.7	10	WKL	
MO-MEI	2020/21-1	Wet	12/28/2020 11:20:00 AM	2/2/2021 9:58:00 PM	Hexachlorocyclopentadiene	n/a	<	9.8	µg/L	EPA 625.1	9.8	50	WKL	
MO-MEI	2020/21-1	Wet	12/28/2020 11:20:00 AM	2/2/2021 9:58:00 PM	Hexachloroethane	n/a	<	5	µg/L	EPA 625.1	5	10	WKL	
MO-MEI	2020/21-1	Wet	12/28/2020 11:20:00 AM	2/2/2021 9:58:00 PM	Indeno(1,2,3-cd)pyrene	n/a	<	5.5	µg/L	EPA 625.1	5.5	20	WKL	
MO-MEI	2020/21-1	Wet	12/28/2020 11:20:00 AM	1/30/2021 8:41:00 PM	Indeno(1,2,3-cd)pyrene	n/a	<	0.65	µg/L	EPA 8270C	0.65	1	WKL	
MO-MEI	2020/21-1	Wet	12/28/2020 11:20:00 AM	2/2/2021 9:58:00 PM	Isophorone	n/a	<	2.1	µg/L	EPA 625.1	2.1	10	WKL	
MO-MEI	2020/21-1	Wet	12/28/2020 11:20:00 AM	2/2/2021 9:58:00 PM	Naphthalene	n/a	<	4.9	µg/L	EPA 625.1	4.9	10	WKL	
MO-MEI	2020/21-1	Wet	12/28/2020 11:20:00 AM	1/30/2021 8:41:00 PM	Naphthalene	n/a	<	0.26	µg/L	EPA 8270C	0.26	1	WKL	
MO-MEI	2020/21-1	Wet	12/28/2020 11:20:00 AM	2/2/2021 9:58:00 PM	Nitrobenzene	n/a	<	3.6	µg/L	EPA 625.1	3.6	10	WKL	
MO-MEI	2020/21-1	Wet	12/28/2020 11:20:00 AM	2/2/2021 9:58:00 PM	N-Nitrosodimethylamine	n/a	<	5	µg/L	EPA 625.1	5	10	WKL	
MO-MEI	2020/21-1	Wet	12/28/2020 11:20:00 AM	2/2/2021 9:58:00 PM	N-Nitrosodi-N-propylamine	n/a	<	2.6	µg/L	EPA 625.1	2.6	10	WKL	
MO-MEI	2020/21-1	Wet	12/28/2020 11:20:00 AM	2/2/2021 9:58:00 PM	N-Nitrosodiphenylamine	n/a	<	1.9	µg/L	EPA 625.1	1.9	10	WKL	
MO-MEI	2020/21-1	Wet	12/28/2020 11:20:00 AM	2/2/2021 9:58:00 PM	Phenanthrene	n/a	<	3.2	µg/L	EPA 625.1	3.2	10	WKL	
MO-MEI	2020/21-1	Wet	12/28/2020 11:20:00 AM	1/30/2021 8:41:00 PM	Phenanthrene	n/a	<	0.29	µg/L	EPA 8270C	0.29	1	WKL	
MO-MEI	2020/21-1	Wet	12/28/2020 11:20:00 AM	2/2/2021 2:09:00 AM	Phenol	n/a	<	3.5	µg/L	EPA 8270C	3.5	10	WKL	
MO-MEI	2020/21-1	Wet	12/28/2020 11:20:00 AM	2/2/2021 9:58:00 PM	Phenol	n/a	<	1.6	µg/L	EPA 625.1	1.6	10	WKL	
MO-MEI	2020/21-1	Wet	12/28/2020 11:20:00 AM	1/30/2021 8:41:00 PM	Pyrene	n/a	<	0.4	µg/L	EPA 8270C	0.4	1	WKL	
MO-MEI	2020/21-1	Wet	12/28/2020 11:20:00 AM	2/2/2021 9:58:00 PM	Pyrene	n/a	<	2.5	µg/L	EPA 625.1	2.5	10	WKL	
MO-MEI	2020/21-1	Wet	12/28/2020 11:20:00 AM	1/14/2021 1:55:00 AM	PCB Aroclor 1016	n/a	<	10	µg/L	EPA 608.3	10	10	WKL	
MO-MEI	2020/21-1	Wet	12/28/2020 11:20:00 AM	1/14/2021 1:55:00 AM	PCB Aroclor 1221	n/a	<	10	µg/L	EPA 608.3	10	10	WKL	
MO-MEI	2020/21-1	Wet	12/28/2020 11:20:00 AM	1/14/2021 1:55:00 AM	PCB Aroclor 1232	n/a	<	10	µg/L	EPA 608.3	10	10	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-MEI	2020/21-1	Wet	12/28/2020 11:20:00 AM	1/14/2021 1:55:00 AM	PCB Aroclor 1242	n/a	<	10	µg/L	EPA 608.3	10	10	WKL	
MO-MEI	2020/21-1	Wet	12/28/2020 11:20:00 AM	1/14/2021 1:55:00 AM	PCB Aroclor 1248	n/a	<	10	µg/L	EPA 608.3	10	10	WKL	
MO-MEI	2020/21-1	Wet	12/28/2020 11:20:00 AM	1/14/2021 1:55:00 AM	PCB Aroclor 1254	n/a	<	10	µg/L	EPA 608.3	10	10	WKL	
MO-MEI	2020/21-1	Wet	12/28/2020 11:20:00 AM	1/14/2021 1:55:00 AM	PCB Aroclor 1260	n/a	<	10	µg/L	EPA 608.3	10	10	WKL	
MO-MEI	2020/21-1	Wet	12/28/2020 11:20:00 AM	1/10/2021 6:18:00 AM	2,4,5-T	n/a	<	0.55	µg/L	EPA 515.4	0.55	2	WKL	
MO-MEI	2020/21-1	Wet	12/28/2020 11:20:00 AM	1/10/2021 6:18:00 AM	2,4,5-TP	n/a	<	0.46	µg/L	EPA 515.4	0.46	2	WKL	
MO-MEI	2020/21-1	Wet	12/28/2020 11:20:00 AM	1/10/2021 6:18:00 AM	2,4-D	n/a	<	1.4	µg/L	EPA 515.4	1.4	4	WKL	
MO-MEI	2020/21-1	Wet	12/28/2020 11:20:00 AM	1/10/2021 6:18:00 AM	2,4-DB	n/a	<	1.9	µg/L	EPA 515.4	1.9	20	WKL	
MO-MEI	2020/21-1	Wet	12/28/2020 11:20:00 AM	1/10/2021 6:18:00 AM	3,5-Dichlorobenzoic acid	n/a	<	1.2	µg/L	EPA 515.4	1.2	10	WKL	
MO-MEI	2020/21-1	Wet	12/28/2020 11:20:00 AM	1/14/2021 1:55:00 AM	4,4'-DDD	n/a	<	0.014	µg/L	EPA 608.3	0.014	1	WKL	
MO-MEI	2020/21-1	Wet	12/28/2020 11:20:00 AM	1/14/2021 1:55:00 AM	4,4'-DDE	n/a	<	0.1	µg/L	EPA 608.3	0.1	1	WKL	
MO-MEI	2020/21-1	Wet	12/28/2020 11:20:00 AM	1/14/2021 1:55:00 AM	4,4'-DDT	n/a	<	0.022	µg/L	EPA 608.3	0.022	0.2	WKL	
MO-MEI	2020/21-1	Wet	12/28/2020 11:20:00 AM	1/10/2021 6:18:00 AM	Acifluorfen	n/a	<	0.72	µg/L	EPA 515.4	0.72	4	WKL	
MO-MEI	2020/21-1	Wet	12/28/2020 11:20:00 AM	1/16/2021 2:58:00 AM	Alachlor	n/a	<	1.5	µg/L	EPA 525.2	1.5	5	WKL	
MO-MEI	2020/21-1	Wet	12/28/2020 11:20:00 AM	1/14/2021 1:55:00 AM	Aldrin	n/a	<	0.02	µg/L	EPA 608.3	0.02	0.1	WKL	
MO-MEI	2020/21-1	Wet	12/28/2020 11:20:00 AM	1/14/2021 1:55:00 AM	alpha-BHC	n/a	<	0.022	µg/L	EPA 608.3	0.022	0.2	WKL	
MO-MEI	2020/21-1	Wet	12/28/2020 11:20:00 AM	1/14/2021 1:55:00 AM	alpha-Chlordane	n/a	<	0.058	µg/L	EPA 608.3	0.058	0.2	WKL	
MO-MEI	2020/21-1	Wet	12/28/2020 11:20:00 AM	1/16/2021 2:58:00 AM	Atrazine	n/a	<	1.5	µg/L	EPA 525.2	1.5	5	WKL	
MO-MEI	2020/21-1	Wet	12/28/2020 11:20:00 AM	1/20/2021 2:33:00 AM	Azinphos methyl	n/a	<	0.28	µg/L	EPA 625.1m	0.28	0.5	WKL	
MO-MEI	2020/21-1	Wet	12/28/2020 11:20:00 AM	1/10/2021 6:18:00 AM	Bentazon	n/a	<	2.3	µg/L	EPA 515.4	2.3	20	WKL	
MO-MEI	2020/21-1	Wet	12/28/2020 11:20:00 AM	1/14/2021 1:55:00 AM	beta-BHC	n/a	<	0.03	µg/L	EPA 608.3	0.03	0.1	WKL	
MO-MEI	2020/21-1	Wet	12/28/2020 11:20:00 AM	1/20/2021 2:33:00 AM	Bolstar	n/a	<	0.23	µg/L	EPA 625.1m	0.23	0.5	WKL	
MO-MEI	2020/21-1	Wet	12/28/2020 11:20:00 AM	1/16/2021 2:58:00 AM	Bromacil	n/a	<	8	µg/L	EPA 525.2	8	25	WKL	
MO-MEI	2020/21-1	Wet	12/28/2020 11:20:00 AM	1/16/2021 2:58:00 AM	Butachlor	n/a	<	1.5	µg/L	EPA 525.2	1.5	5	WKL	
MO-MEI	2020/21-1	Wet	12/28/2020 11:20:00 AM	1/16/2021 2:58:00 AM	Captan	n/a	<	8	µg/L	EPA 525.2	8	50	WKL	
MO-MEI	2020/21-1	Wet	12/28/2020 11:20:00 AM	1/14/2021 1:55:00 AM	Chlordane (technical)	n/a	<	2	µg/L	EPA 608.3	2	2	WKL	
MO-MEI	2020/21-1	Wet	12/28/2020 11:20:00 AM	1/16/2021 2:58:00 AM	Chlorpropham	n/a	<	2	µg/L	EPA 525.2	2	5	WKL	
MO-MEI	2020/21-1	Wet	12/28/2020 11:20:00 AM	1/20/2021 2:33:00 AM	Chlorpyrifos	n/a	<	0.34	µg/L	EPA 625.1m	0.34	0.5	WKL	
MO-MEI	2020/21-1	Wet	12/28/2020 11:20:00 AM	1/20/2021 2:33:00 AM	Coumaphos	n/a	<	0.26	µg/L	EPA 625.1m	0.26	0.5	WKL	
MO-MEI	2020/21-1	Wet	12/28/2020 11:20:00 AM	1/16/2021 2:58:00 AM	Cyanazine	n/a	<	2	µg/L	EPA 525.2	2	5	WKL	
MO-MEI	2020/21-1	Wet	12/28/2020 11:20:00 AM	1/10/2021 6:18:00 AM	Dalapon	n/a	<	1.1	µg/L	EPA 515.4	1.1	4	WKL	
MO-MEI	2020/21-1	Wet	12/28/2020 11:20:00 AM	1/10/2021 6:18:00 AM	DCPA (Dacthal)	n/a	<	0.53	µg/L	EPA 515.4	0.53	1	WKL	
MO-MEI	2020/21-1	Wet	12/28/2020 11:20:00 AM	1/14/2021 1:55:00 AM	delta-BHC	n/a	<	0.1	µg/L	EPA 608.3	0.1	0.1	WKL	
MO-MEI	2020/21-1	Wet	12/28/2020 11:20:00 AM	1/20/2021 2:33:00 AM	Demeton-O	n/a	<	0.5	µg/L	EPA 625.1m	0.5	0.5	WKL	-LCSRPD, LB-L
MO-MEI	2020/21-1	Wet	12/28/2020 11:20:00 AM	1/20/2021 2:33:00 AM	Demeton-S	n/a	<	0.5	µg/L	EPA 625.1m	0.5	0.5	WKL	
MO-MEI	2020/21-1	Wet	12/28/2020 11:20:00 AM	1/16/2021 2:58:00 AM	Diazinon	n/a	<	2.5	µg/L	EPA 525.2	2.5	5	WKL	
MO-MEI	2020/21-1	Wet	12/28/2020 11:20:00 AM	1/20/2021 2:33:00 AM	Diazinon	n/a	<	0.26	µg/L	EPA 625.1m	0.26	0.5	WKL	EST-LCSRPD
MO-MEI	2020/21-1	Wet	12/28/2020 11:20:00 AM	1/10/2021 6:18:00 AM	Dicamba	n/a	<	0.75	µg/L	EPA 515.4	0.75	6	WKL	
MO-MEI	2020/21-1	Wet	12/28/2020 11:20:00 AM	1/10/2021 6:18:00 AM	Dichlorprop	n/a	<	1.2	µg/L	EPA 515.4	1.2	3	WKL	
MO-MEI	2020/21-1	Wet	12/28/2020 11:20:00 AM	1/20/2021 2:33:00 AM	Dichlorvos	n/a	<	0.14	µg/L	EPA 625.1m	0.14	0.5	WKL	
MO-MEI	2020/21-1	Wet	12/28/2020 11:20:00 AM	1/14/2021 1:55:00 AM	Dieldrin	n/a	<	0.016	µg/L	EPA 608.3	0.016	0.2	WKL	
MO-MEI	2020/21-1	Wet	12/28/2020 11:20:00 AM	1/16/2021 2:58:00 AM	Dimethoate	n/a	<	1	µg/L	EPA 525.2	1	10	WKL	LB-LCSR
MO-MEI	2020/21-1	Wet	12/28/2020 11:20:00 AM	1/20/2021 2:33:00 AM	Dimethoate	n/a	<	0.31	µg/L	EPA 625.1m	0.31	0.5	WKL	
MO-MEI	2020/21-1	Wet	12/28/2020 11:20:00 AM	1/10/2021 6:18:00 AM	Dinoseb	n/a	<	0.55	µg/L	EPA 515.4	0.55	4	WKL	
MO-MEI	2020/21-1	Wet	12/28/2020 11:20:00 AM	1/16/2021 2:58:00 AM	Diphenamid	n/a	<	1.5	µg/L	EPA 525.2	1.5	5	WKL	
MO-MEI	2020/21-1	Wet	12/28/2020 11:20:00 AM	1/16/2021 2:58:00 AM	Disulfoton	n/a	<	2	µg/L	EPA 525.2	2	5	WKL	
MO-MEI	2020/21-1	Wet	12/28/2020 11:20:00 AM	1/20/2021 2:33:00 AM	Disulfoton	n/a	<	0.5	µg/L	EPA 625.1m	0.5	0.5	WKL	
MO-MEI	2020/21-1	Wet	12/28/2020 11:20:00 AM	1/14/2021 1:55:00 AM	Endosulfan I	n/a	<	0.018	µg/L	EPA 608.3	0.018	0.4	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-MEI	2020/21-1	Wet	12/28/2020 11:20:00 AM	1/14/2021 1:55:00 AM	Endosulfan II	n/a	<	0.014	µg/L	EPA 608.3	0.014	0.2	WKL	
MO-MEI	2020/21-1	Wet	12/28/2020 11:20:00 AM	1/14/2021 1:55:00 AM	Endosulfan sulfate	n/a	<	0.026	µg/L	EPA 608.3	0.026	1	WKL	
MO-MEI	2020/21-1	Wet	12/28/2020 11:20:00 AM	1/14/2021 1:55:00 AM	Endrin	n/a	<	0.034	µg/L	EPA 608.3	0.034	0.2	WKL	
MO-MEI	2020/21-1	Wet	12/28/2020 11:20:00 AM	1/14/2021 1:55:00 AM	Endrin aldehyde	n/a	<	0.038	µg/L	EPA 608.3	0.038	0.2	WKL	
MO-MEI	2020/21-1	Wet	12/28/2020 11:20:00 AM	1/16/2021 2:58:00 AM	EPTC	n/a	<	1	µg/L	EPA 525.2	1	5	WKL	
MO-MEI	2020/21-1	Wet	12/28/2020 11:20:00 AM	1/20/2021 2:33:00 AM	Ethoprop	n/a	<	0.34	µg/L	EPA 625.1m	0.34	0.5	WKL	
MO-MEI	2020/21-1	Wet	12/28/2020 11:20:00 AM	1/20/2021 2:33:00 AM	Ethyl parathion	n/a	<	0.27	µg/L	EPA 625.1m	0.27	0.5	WKL	EST-LCSRPD
MO-MEI	2020/21-1	Wet	12/28/2020 11:20:00 AM	1/20/2021 2:33:00 AM	Fensulfthion	n/a	<	0.14	µg/L	EPA 625.1m	0.14	0.5	WKL	
MO-MEI	2020/21-1	Wet	12/28/2020 11:20:00 AM	1/20/2021 2:33:00 AM	Fenthion	n/a	<	0.19	µg/L	EPA 625.1m	0.19	0.5	WKL	
MO-MEI	2020/21-1	Wet	12/28/2020 11:20:00 AM	1/14/2021 1:55:00 AM	gamma-BHC (Lindane)	n/a	<	0.008	µg/L	EPA 608.3	0.008	0.4	WKL	
MO-MEI	2020/21-1	Wet	12/28/2020 11:20:00 AM	1/14/2021 1:55:00 AM	gamma-Chlordane	n/a	<	0.046	µg/L	EPA 608.3	0.046	0.2	WKL	
MO-MEI	2020/21-1	Wet	12/28/2020 11:20:00 AM	12/30/2020 2:56:00 AM	Glyphosate	n/a	<	18	µg/L	EPA 547	18	50	WKL	
MO-MEI	2020/21-1	Wet	12/28/2020 11:20:00 AM	1/14/2021 1:55:00 AM	Heptachlor	n/a	<	0.1	µg/L	EPA 608.3	0.1	0.2	WKL	
MO-MEI	2020/21-1	Wet	12/28/2020 11:20:00 AM	1/14/2021 1:55:00 AM	Heptachlor epoxide	n/a	<	0.1	µg/L	EPA 608.3	0.1	0.2	WKL	
MO-MEI	2020/21-1	Wet	12/28/2020 11:20:00 AM	1/20/2021 2:33:00 AM	Malathion	n/a	<	0.38	µg/L	EPA 625.1m	0.38	0.5	WKL	
MO-MEI	2020/21-1	Wet	12/28/2020 11:20:00 AM	1/20/2021 2:33:00 AM	Merphos	n/a	<	0.29	µg/L	EPA 625.1m	0.29	0.5	WKL	
MO-MEI	2020/21-1	Wet	12/28/2020 11:20:00 AM	1/20/2021 2:33:00 AM	Methyl parathion	n/a	<	0.32	µg/L	EPA 625.1m	0.32	0.5	WKL	
MO-MEI	2020/21-1	Wet	12/28/2020 11:20:00 AM	1/16/2021 2:58:00 AM	Metolachlor	n/a	<	1.5	µg/L	EPA 525.2	1.5	5	WKL	
MO-MEI	2020/21-1	Wet	12/28/2020 11:20:00 AM	1/16/2021 2:58:00 AM	Metribuzin	n/a	<	1.5	µg/L	EPA 525.2	1.5	5	WKL	
MO-MEI	2020/21-1	Wet	12/28/2020 11:20:00 AM	1/20/2021 2:33:00 AM	Mevinphos	n/a	<	0.21	µg/L	EPA 625.1m	0.21	0.5	WKL	
MO-MEI	2020/21-1	Wet	12/28/2020 11:20:00 AM	1/16/2021 2:58:00 AM	Molinate	n/a	<	1.5	µg/L	EPA 525.2	1.5	5	WKL	
MO-MEI	2020/21-1	Wet	12/28/2020 11:20:00 AM	1/20/2021 2:33:00 AM	Naled	n/a	<	0.38	µg/L	EPA 625.1m	0.38	0.5	WKL	
MO-MEI	2020/21-1	Wet	12/28/2020 11:20:00 AM	1/8/2021 5:08:00 AM	Pentachlorophenol	n/a	=	1.3	µg/L	EPA 515.4	0.046	0.2	WKL	
MO-MEI	2020/21-1	Wet	12/28/2020 11:20:00 AM	2/2/2021 9:58:00 PM	Pentachlorophenol	n/a	DNQ	7.4	µg/L	EPA 625.1	4	10	WKL	
MO-MEI	2020/21-1	Wet	12/28/2020 11:20:00 AM	2/2/2021 2:09:00 AM	Pentachlorophenol	n/a	DNQ	5.3	µg/L	EPA 8270C	1.5	10	WKL	
MO-MEI	2020/21-1	Wet	12/28/2020 11:20:00 AM	1/20/2021 2:33:00 AM	Phorate	n/a	<	0.15	µg/L	EPA 625.1m	0.15	0.5	WKL	
MO-MEI	2020/21-1	Wet	12/28/2020 11:20:00 AM	1/10/2021 6:18:00 AM	Picloram	n/a	<	0.38	µg/L	EPA 515.4	0.38	6	WKL	
MO-MEI	2020/21-1	Wet	12/28/2020 11:20:00 AM	1/16/2021 2:58:00 AM	Prometon	n/a	<	0.5	µg/L	EPA 525.2	0.5	5	WKL	EST-LCSRPD
MO-MEI	2020/21-1	Wet	12/28/2020 11:20:00 AM	1/16/2021 2:58:00 AM	Prometryn	n/a	<	1.5	µg/L	EPA 525.2	1.5	5	WKL	EST-LCSRPD
MO-MEI	2020/21-1	Wet	12/28/2020 11:20:00 AM	1/20/2021 2:33:00 AM	Ronnel (Fenchlorphos)	n/a	<	0.2	µg/L	EPA 625.1m	0.2	0.5	WKL	
MO-MEI	2020/21-1	Wet	12/28/2020 11:20:00 AM	1/16/2021 2:58:00 AM	Simazine	n/a	<	1	µg/L	EPA 525.2	1	5	WKL	
MO-MEI	2020/21-1	Wet	12/28/2020 11:20:00 AM	1/20/2021 2:33:00 AM	Stirophos (Tetrachlorvinphos)	n/a	<	0.16	µg/L	EPA 625.1m	0.16	0.5	WKL	
MO-MEI	2020/21-1	Wet	12/28/2020 11:20:00 AM	1/16/2021 2:58:00 AM	Terbacil	n/a	<	4.5	µg/L	EPA 525.2	4.5	100	WKL	
MO-MEI	2020/21-1	Wet	12/28/2020 11:20:00 AM	1/16/2021 2:58:00 AM	Thiobencarb	n/a	<	1.5	µg/L	EPA 525.2	1.5	5	WKL	
MO-MEI	2020/21-1	Wet	12/28/2020 11:20:00 AM	1/20/2021 2:33:00 AM	Tokuthion	n/a	<	0.39	µg/L	EPA 625.1m	0.39	0.5	WKL	
MO-MEI	2020/21-1	Wet	12/28/2020 11:20:00 AM	1/14/2021 1:55:00 AM	Toxaphene	n/a	<	20	µg/L	EPA 608.3	20	20	WKL	
MO-MEI	2020/21-1	Wet	12/28/2020 11:20:00 AM	1/20/2021 2:33:00 AM	Trichloronate	n/a	<	0.34	µg/L	EPA 625.1m	0.34	0.5	WKL	
MO-MEI	2020/21-1	Wet	12/28/2020 11:20:00 AM	1/16/2021 2:58:00 AM	Trithion	n/a	<	1	µg/L	EPA 525.2	1	5	WKL	
MO-MEI	2020/21-2	Wet	1/28/2021 6:20:00 PM	1/28/2021 6:20:00 PM	Conductivity	n/a	=	182.3	µmhos/cm	Field Meter	-88	1	Field Crew	
MO-MEI	2020/21-2	Wet	1/28/2021 6:20:00 PM	2/9/2021 4:04:00 PM	Cyanide	Total	=	0.0022	mg/L	ASTM D7511	0.0003	0.002	WKL	
MO-MEI	2020/21-2	Wet	1/28/2021 6:20:00 PM	1/28/2021 6:20:00 PM	DO	n/a	=	10.43	mg/L	Field Meter	-88	0.3	Field Crew	
MO-MEI	2020/21-2	Wet	1/28/2021 6:20:00 PM	1/28/2021 6:20:00 PM	DO	n/a	=	92.8	%	Field Meter	-88	0.1	Field Crew	
MO-MEI	2020/21-2	Wet	1/28/2021 6:20:00 PM	1/28/2021 6:20:00 PM	Salinity	n/a	=	100	mg/L	Field Meter	-88	100	Field Crew	
MO-MEI	2020/21-2	Wet	1/28/2021 6:20:00 PM	1/28/2021 6:20:00 PM	Specific Conductance	n/a	=	254.6	µmhos/cm	Field Meter	-88	1	Field Crew	
MO-MEI	2020/21-2	Wet	1/28/2021 6:20:00 PM	1/28/2021 6:20:00 PM	Temperature	n/a	=	10	°C	Field Meter	-88	0.1	Field Crew	
MO-MEI	2020/21-2	Wet	1/28/2021 6:20:00 PM	2/1/2021 8:17:00 AM	Gasoline Range Organics	n/a	<	0.065	mg/L	LUFT GC/MS	0.065	0.1	WKL	
MO-MEI	2020/21-2	Wet	1/28/2021 6:20:00 PM	2/16/2021 4:34:00 PM	Oil and Grease	n/a	DNQ	1.2	mg/L	EPA 1664B	0.7	5	WKL	
MO-MEI	2020/21-2	Wet	1/28/2021 6:20:00 PM	1/31/2021 2:26:00 PM	2-Chloroethyl vinyl ether	n/a	<	0.19	µg/L	EPA 624.1	0.19	1	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-MEI	2020/21-2	Wet	1/28/2021 6:20:00 PM	1/31/2021 2:26:00 PM	Methyl tert-butyl ether (MTBE)	n/a	<	0.4	µg/L	EPA 624.1	0.4	1	WKL	
MO-MEI	2020/21-2	Wet	1/29/2021 8:55:00 AM	2/3/2021 2:06:00 AM	Chloride	n/a	=	11	mg/L	EPA 300.0	0.17	1	WKL	
MO-MEI	2020/21-2	Wet	1/29/2021 8:55:00 AM	2/3/2021 2:06:00 AM	Fluoride	n/a	DNQ	0.068	mg/L	EPA 300.0	0.018	0.2	WKL	
MO-MEI	2020/21-2	Wet	1/29/2021 8:55:00 AM	2/3/2021 6:32:00 AM	Perchlorate	n/a	<	0.84	µg/L	EPA 314.0	0.84	2	WKL	
MO-MEI	2020/21-2	Wet	1/29/2021 8:55:00 AM	2/6/2021 5:13:00 PM	Calcium	Total	=	11.1	mg/L	EPA 200.7	0.016	0.1	WKL	
MO-MEI	2020/21-2	Wet	1/29/2021 8:55:00 AM	2/6/2021 5:13:00 PM	Magnesium	Total	=	4.27	mg/L	EPA 200.7	0.012	0.1	WKL	
MO-MEI	2020/21-2	Wet	1/29/2021 8:55:00 AM	2/4/2021 11:44:00 AM	Alkalinity as CaCO3	n/a	=	31	mg/L	SM 2320 B	0.56	5	WKL	
MO-MEI	2020/21-2	Wet	1/29/2021 8:55:00 AM	2/4/2021 5:14:00 PM	BOD	n/a	=	7.1	mg/L	SM 5210 B	2	2	WKL	
MO-MEI	2020/21-2	Wet	1/29/2021 8:55:00 AM	2/8/2021 12:22:00 PM	COD	n/a	=	62	mg/L	EPA 410.4	2.9	5	WKL	
MO-MEI	2020/21-2	Wet	1/29/2021 8:55:00 AM	2/6/2021 5:13:00 PM	Hardness as CaCO3	Total	=	45.3	mg/L	EPA 200.7	0.0894	0.662	WKL	
MO-MEI	2020/21-2	Wet	1/29/2021 8:55:00 AM	1/30/2021 5:50:00 PM	MBAS	n/a	DNQ	0.042	mg/L	SM 5540 C	0.017	0.05	WKL	
MO-MEI	2020/21-2	Wet	1/29/2021 8:55:00 AM	2/5/2021 1:15:00 PM	Phenolics	n/a	=	0.039	mg/L	EPA 420.4	0.0032	0.01	WKL	
MO-MEI	2020/21-2	Wet	1/29/2021 8:55:00 AM	2/3/2021 1:29:00 PM	Specific Conductance	n/a	=	160	µmhos/cm	SM 2510 B	0.23	2	WKL	
MO-MEI	2020/21-2	Wet	1/29/2021 8:55:00 AM	2/5/2021 8:00:00 AM	Total Dissolved Solids	n/a	=	130	mg/L	SM 2540 C	4	10	WKL	
MO-MEI	2020/21-2	Wet	1/29/2021 8:55:00 AM	2/5/2021 12:35:00 PM	Total Organic Carbon	n/a	=	12	mg/L	SM 5310 B	0.096	0.3	WKL	
MO-MEI	2020/21-2	Wet	1/29/2021 8:55:00 AM	2/5/2021 8:00:00 AM	Total Suspended Solids	n/a	=	290	mg/L	SM 2540 D	-88	5	WKL	
MO-MEI	2020/21-2	Wet	1/29/2021 8:55:00 AM	1/29/2021 7:47:00 PM	Turbidity	n/a	=	80	NTU	EPA 180.1	0.085	0.5	WKL	
MO-MEI	2020/21-2	Wet	1/29/2021 8:55:00 AM	2/5/2021 8:00:00 AM	Volatile Suspended Solids	n/a	=	46	mg/L	EPA 160.4	3.1	5	WKL	
MO-MEI	2020/21-2	Wet	1/29/2021 8:55:00 AM	2/11/2021 9:19:00 PM	Diesel Range Organics	n/a	=	0.25	mg/L	EPA 8015B	0.032	0.1	WKL	
MO-MEI	2020/21-2	Wet	1/29/2021 8:55:00 AM	2/11/2021 9:19:00 PM	Oil Range Organics	n/a	DNQ	0.37	mg/L	EPA 8015B	0.33	0.5	WKL	
MO-MEI	2020/21-2	Wet	1/29/2021 8:55:00 AM	2/9/2021 4:54:00 PM	Aluminum	Dissolved	=	37	µg/L	EPA 200.8	4.4	20	WKL	
MO-MEI	2020/21-2	Wet	1/29/2021 8:55:00 AM	2/9/2021 4:57:00 PM	Aluminum	Total	=	4400	µg/L	EPA 200.8	4.4	20	WKL	
MO-MEI	2020/21-2	Wet	1/29/2021 8:55:00 AM	2/9/2021 4:54:00 PM	Antimony	Dissolved	DNQ	0.29	µg/L	EPA 200.8	0.089	0.5	WKL	
MO-MEI	2020/21-2	Wet	1/29/2021 8:55:00 AM	2/9/2021 4:57:00 PM	Antimony	Total	DNQ	0.44	µg/L	EPA 200.8	0.089	0.5	WKL	
MO-MEI	2020/21-2	Wet	1/29/2021 8:55:00 AM	2/9/2021 4:54:00 PM	Arsenic	Dissolved	=	1	µg/L	EPA 200.8	0.074	0.4	WKL	
MO-MEI	2020/21-2	Wet	1/29/2021 8:55:00 AM	2/9/2021 4:57:00 PM	Arsenic	Total	=	1.9	µg/L	EPA 200.8	0.074	0.4	WKL	
MO-MEI	2020/21-2	Wet	1/29/2021 8:55:00 AM	2/9/2021 4:57:00 PM	Barium	Total	=	69	µg/L	EPA 200.8	0.14	1	WKL	
MO-MEI	2020/21-2	Wet	1/29/2021 8:55:00 AM	2/9/2021 4:54:00 PM	Beryllium	Dissolved	<	0.062	µg/L	EPA 200.8	0.062	0.1	WKL	
MO-MEI	2020/21-2	Wet	1/29/2021 8:55:00 AM	2/9/2021 4:57:00 PM	Beryllium	Total	=	0.19	µg/L	EPA 200.8	0.062	0.1	WKL	
MO-MEI	2020/21-2	Wet	1/29/2021 8:55:00 AM	2/9/2021 4:54:00 PM	Cadmium	Dissolved	<	0.042	µg/L	EPA 200.8	0.042	0.2	WKL	
MO-MEI	2020/21-2	Wet	1/29/2021 8:55:00 AM	2/9/2021 4:57:00 PM	Cadmium	Total	DNQ	0.14	µg/L	EPA 200.8	0.042	0.2	WKL	
MO-MEI	2020/21-2	Wet	1/29/2021 8:55:00 AM	2/9/2021 4:54:00 PM	Chromium	Dissolved	=	0.47	µg/L	EPA 200.8	0.089	0.2	WKL	
MO-MEI	2020/21-2	Wet	1/29/2021 8:55:00 AM	2/9/2021 4:57:00 PM	Chromium	Total	=	8.5	µg/L	EPA 200.8	0.089	0.2	WKL	
MO-MEI	2020/21-2	Wet	1/29/2021 8:55:00 AM	2/3/2021 2:08:00 PM	Chromium VI	n/a	=	0.094	µg/L	EPA 218.6	0.0079	0.02	WKL	
MO-MEI	2020/21-2	Wet	1/29/2021 8:55:00 AM	2/9/2021 4:54:00 PM	Copper	Dissolved	=	4.1	µg/L	EPA 200.8	0.23	0.5	WKL	
MO-MEI	2020/21-2	Wet	1/29/2021 8:55:00 AM	2/9/2021 4:57:00 PM	Copper	Total	=	12	µg/L	EPA 200.8	0.23	0.5	WKL	
MO-MEI	2020/21-2	Wet	1/29/2021 8:55:00 AM	2/9/2021 4:54:00 PM	Iron	Dissolved	=	230	µg/L	EPA 200.8	3.9	20	WKL	
MO-MEI	2020/21-2	Wet	1/29/2021 8:55:00 AM	2/9/2021 4:57:00 PM	Iron	Total	=	5400	µg/L	EPA 200.8	3.9	20	WKL	
MO-MEI	2020/21-2	Wet	1/29/2021 8:55:00 AM	2/9/2021 4:54:00 PM	Lead	Dissolved	=	0.23	µg/L	EPA 200.8	0.083	0.2	WKL	
MO-MEI	2020/21-2	Wet	1/29/2021 8:55:00 AM	2/9/2021 4:57:00 PM	Lead	Total	<	5.6	µg/L	EPA 200.8	0.083	0.2	WKL	
MO-MEI	2020/21-2	Wet	1/29/2021 8:55:00 AM	2/8/2021 1:27:00 PM	Mercury	Dissolved	<	17	ng/L	EPA 245.1	17	50	WKL	
MO-MEI	2020/21-2	Wet	1/29/2021 8:55:00 AM	2/8/2021 1:28:00 PM	Mercury	Total	DNQ	30	ng/L	EPA 245.1	17	50	WKL	
MO-MEI	2020/21-2	Wet	1/29/2021 8:55:00 AM	2/9/2021 4:54:00 PM	Nickel	Dissolved	DNQ	1.6	µg/L	EPA 200.8	0.16	2	WKL	
MO-MEI	2020/21-2	Wet	1/29/2021 8:55:00 AM	2/9/2021 4:57:00 PM	Nickel	Total	=	12	µg/L	EPA 200.8	0.16	2	WKL	
MO-MEI	2020/21-2	Wet	1/29/2021 8:55:00 AM	2/9/2021 4:54:00 PM	Selenium	Dissolved	DNQ	0.081	µg/L	EPA 200.8	0.067	0.4	WKL	
MO-MEI	2020/21-2	Wet	1/29/2021 8:55:00 AM	2/9/2021 4:57:00 PM	Selenium	Total	DNQ	0.16	µg/L	EPA 200.8	0.067	0.4	WKL	
MO-MEI	2020/21-2	Wet	1/29/2021 8:55:00 AM	2/9/2021 4:54:00 PM	Silver	Dissolved	DNQ	0.092	µg/L	EPA 200.8	0.03	0.2	WKL	
MO-MEI	2020/21-2	Wet	1/29/2021 8:55:00 AM	2/9/2021 4:57:00 PM	Silver	Total	DNQ	0.052	µg/L	EPA 200.8	0.03	0.2	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-MEI	2020/21-2	Wet	1/29/2021 8:55:00 AM	2/9/2021 4:54:00 PM	Thallium	Dissolved	<	0.021	µg/L	EPA 200.8	0.021	0.2	WKL	
MO-MEI	2020/21-2	Wet	1/29/2021 8:55:00 AM	2/9/2021 4:57:00 PM	Thallium	Total	DNQ	0.048	µg/L	EPA 200.8	0.021	0.2	WKL	
MO-MEI	2020/21-2	Wet	1/29/2021 8:55:00 AM	2/9/2021 4:54:00 PM	Zinc	Dissolved	DNQ	8.5	µg/L	EPA 200.8	0.8	10	WKL	
MO-MEI	2020/21-2	Wet	1/29/2021 8:55:00 AM	2/9/2021 4:57:00 PM	Zinc	Total	=	61	µg/L	EPA 200.8	0.8	10	WKL	
MO-MEI	2020/21-2	Wet	1/29/2021 8:55:00 AM	2/12/2021 1:18:00 PM	Ammonia as N	n/a	=	0.36	mg/L	EPA 350.1	0.047	0.1	WKL	
MO-MEI	2020/21-2	Wet	1/29/2021 8:55:00 AM	1/30/2021 3:24:00 PM	Nitrate + Nitrite as N	n/a	=	1.3	mg/L	EPA 353.2	0.036	0.2	WKL	
MO-MEI	2020/21-2	Wet	1/29/2021 8:55:00 AM	2/6/2021 5:10:00 PM	Phosphorus as P	Dissolved	=	0.35	mg/L	EPA 200.7	0.012	0.02	WKL	
MO-MEI	2020/21-2	Wet	1/29/2021 8:55:00 AM	2/6/2021 5:13:00 PM	Phosphorus as P	Total	=	0.64	mg/L	EPA 200.7	0.012	0.02	WKL	
MO-MEI	2020/21-2	Wet	1/29/2021 8:55:00 AM	2/4/2021 4:51:00 PM	TKN	n/a	=	1.2	mg/L	EPA 351.2	0.13	0.2	WKL	
MO-MEI	2020/21-2	Wet	1/29/2021 8:55:00 AM	2/9/2021 8:28:00 PM	1,2,4-Trichlorobenzene	n/a	<	4.9	µg/L	EPA 625.1	4.9	10	WKL	
MO-MEI	2020/21-2	Wet	1/29/2021 8:55:00 AM	2/9/2021 8:28:00 PM	1,2-Dichlorobenzene	n/a	<	4.6	µg/L	EPA 625.1	4.6	10	WKL	
MO-MEI	2020/21-2	Wet	1/29/2021 8:55:00 AM	2/9/2021 8:28:00 PM	1,2-Diphenylhydrazine	n/a	<	3	µg/L	EPA 625.1	3	10	WKL	
MO-MEI	2020/21-2	Wet	1/29/2021 8:55:00 AM	2/9/2021 8:28:00 PM	1,3-Dichlorobenzene	n/a	<	4.2	µg/L	EPA 625.1	4.2	10	WKL	
MO-MEI	2020/21-2	Wet	1/29/2021 8:55:00 AM	2/9/2021 8:28:00 PM	1,4-Dichlorobenzene	n/a	<	4.8	µg/L	EPA 625.1	4.8	10	WKL	
MO-MEI	2020/21-2	Wet	1/29/2021 8:55:00 AM	2/27/2021 12:55:00 PM	1-Methylnaphthalene	n/a	<	0.24	µg/L	EPA 8270C	0.24	1	WKL	
MO-MEI	2020/21-2	Wet	1/29/2021 8:55:00 AM	3/5/2021 4:02:00 AM	2,4,5-Trichlorophenol	n/a	<	2.9	µg/L	EPA 8270C	2.9	10	WKL	
MO-MEI	2020/21-2	Wet	1/29/2021 8:55:00 AM	2/9/2021 8:28:00 PM	2,4,6-Trichlorophenol	n/a	<	2.2	µg/L	EPA 625.1	2.2	10	WKL	
MO-MEI	2020/21-2	Wet	1/29/2021 8:55:00 AM	3/5/2021 4:02:00 AM	2,4,6-Trichlorophenol	n/a	<	3	µg/L	EPA 8270C	3	10	WKL	
MO-MEI	2020/21-2	Wet	1/29/2021 8:55:00 AM	2/9/2021 8:28:00 PM	2,4-Dichlorophenol	n/a	<	2.6	µg/L	EPA 625.1	2.6	10	WKL	
MO-MEI	2020/21-2	Wet	1/29/2021 8:55:00 AM	3/5/2021 4:02:00 AM	2,4-Dichlorophenol	n/a	<	5.1	µg/L	EPA 8270C	5.1	10	WKL	
MO-MEI	2020/21-2	Wet	1/29/2021 8:55:00 AM	2/9/2021 8:28:00 PM	2,4-Dimethylphenol	n/a	<	3	µg/L	EPA 625.1	3	10	WKL	
MO-MEI	2020/21-2	Wet	1/29/2021 8:55:00 AM	3/5/2021 4:02:00 AM	2,4-Dimethylphenol	n/a	<	10	µg/L	EPA 8270C	10	20	WKL	
MO-MEI	2020/21-2	Wet	1/29/2021 8:55:00 AM	2/9/2021 8:28:00 PM	2,4-Dinitrophenol	n/a	<	19	µg/L	EPA 625.1	19	100	WKL	
MO-MEI	2020/21-2	Wet	1/29/2021 8:55:00 AM	3/5/2021 4:02:00 AM	2,4-Dinitrophenol	n/a	<	10	µg/L	EPA 8270C	10	20	WKL	
MO-MEI	2020/21-2	Wet	1/29/2021 8:55:00 AM	2/9/2021 8:28:00 PM	2,4-Dinitrotoluene	n/a	<	1.8	µg/L	EPA 625.1	1.8	10	WKL	
MO-MEI	2020/21-2	Wet	1/29/2021 8:55:00 AM	2/9/2021 8:28:00 PM	2,6-Dinitrotoluene	n/a	<	2.7	µg/L	EPA 625.1	2.7	10	WKL	
MO-MEI	2020/21-2	Wet	1/29/2021 8:55:00 AM	2/9/2021 8:28:00 PM	2-Chloronaphthalene	n/a	<	4.5	µg/L	EPA 625.1	4.5	10	WKL	
MO-MEI	2020/21-2	Wet	1/29/2021 8:55:00 AM	2/9/2021 8:28:00 PM	2-Chlorophenol	n/a	<	2.8	µg/L	EPA 625.1	2.8	10	WKL	
MO-MEI	2020/21-2	Wet	1/29/2021 8:55:00 AM	3/5/2021 4:02:00 AM	2-Chlorophenol	n/a	<	6.5	µg/L	EPA 8270C	6.5	10	WKL	
MO-MEI	2020/21-2	Wet	1/29/2021 8:55:00 AM	2/27/2021 12:55:00 PM	2-Methylnaphthalene	n/a	<	0.26	µg/L	EPA 8270C	0.26	1	WKL	
MO-MEI	2020/21-2	Wet	1/29/2021 8:55:00 AM	3/5/2021 4:02:00 AM	2-Methylphenol	n/a	<	3.4	µg/L	EPA 8270C	3.4	10	WKL	
MO-MEI	2020/21-2	Wet	1/29/2021 8:55:00 AM	2/9/2021 8:28:00 PM	2-Nitrophenol	n/a	<	2.6	µg/L	EPA 625.1	2.6	10	WKL	
MO-MEI	2020/21-2	Wet	1/29/2021 8:55:00 AM	3/5/2021 4:02:00 AM	2-Nitrophenol	n/a	<	7.1	µg/L	EPA 8270C	7.1	10	WKL	
MO-MEI	2020/21-2	Wet	1/29/2021 8:55:00 AM	2/9/2021 8:28:00 PM	3,3'-Dichlorobenzidine	n/a	<	9.9	µg/L	EPA 625.1	9.9	50	WKL	
MO-MEI	2020/21-2	Wet	1/29/2021 8:55:00 AM	3/5/2021 4:02:00 AM	3-4-Methylphenol	n/a	<	3	µg/L	EPA 8270C	3	10	WKL	
MO-MEI	2020/21-2	Wet	1/29/2021 8:55:00 AM	2/9/2021 8:28:00 PM	4,6-Dinitro-2-methylphenol	n/a	<	14	µg/L	EPA 625.1	14	50	WKL	
MO-MEI	2020/21-2	Wet	1/29/2021 8:55:00 AM	3/5/2021 4:02:00 AM	4,6-Dinitro-2-methylphenol	n/a	<	1.4	µg/L	EPA 8270C	1.4	10	WKL	
MO-MEI	2020/21-2	Wet	1/29/2021 8:55:00 AM	2/9/2021 8:28:00 PM	4-Bromophenyl phenyl ether	n/a	<	3.6	µg/L	EPA 625.1	3.6	10	WKL	
MO-MEI	2020/21-2	Wet	1/29/2021 8:55:00 AM	3/5/2021 4:02:00 AM	4-Chloro-3-methylphenol	n/a	<	3.7	µg/L	EPA 8270C	3.7	10	WKL	
MO-MEI	2020/21-2	Wet	1/29/2021 8:55:00 AM	2/9/2021 8:28:00 PM	4-Chloro-3-methylphenol	n/a	<	2.3	µg/L	EPA 625.1	2.3	10	WKL	
MO-MEI	2020/21-2	Wet	1/29/2021 8:55:00 AM	2/9/2021 8:28:00 PM	4-Chlorophenyl phenyl ether	n/a	<	4.1	µg/L	EPA 625.1	4.1	10	WKL	
MO-MEI	2020/21-2	Wet	1/29/2021 8:55:00 AM	3/5/2021 4:02:00 AM	4-Nitrophenol	n/a	<	10	µg/L	EPA 8270C	10	20	WKL	
MO-MEI	2020/21-2	Wet	1/29/2021 8:55:00 AM	2/9/2021 8:28:00 PM	4-Nitrophenol	n/a	<	12	µg/L	EPA 625.1	12	50	WKL	
MO-MEI	2020/21-2	Wet	1/29/2021 8:55:00 AM	2/9/2021 8:28:00 PM	Acenaphthene	n/a	<	3.8	µg/L	EPA 625.1	3.8	10	WKL	
MO-MEI	2020/21-2	Wet	1/29/2021 8:55:00 AM	2/27/2021 12:55:00 PM	Acenaphthene	n/a	<	0.28	µg/L	EPA 8270C	0.28	1	WKL	
MO-MEI	2020/21-2	Wet	1/29/2021 8:55:00 AM	2/9/2021 8:28:00 PM	Acenaphthylene	n/a	<	1.7	µg/L	EPA 625.1	1.7	10	WKL	
MO-MEI	2020/21-2	Wet	1/29/2021 8:55:00 AM	2/27/2021 12:55:00 PM	Acenaphthylene	n/a	<	0.33	µg/L	EPA 8270C	0.33	1	WKL	
MO-MEI	2020/21-2	Wet	1/29/2021 8:55:00 AM	2/9/2021 8:28:00 PM	Anthracene	n/a	<	1.2	µg/L	EPA 625.1	1.2	10	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-MEI	2020/21-2	Wet	1/29/2021 8:55:00 AM	2/27/2021 12:55:00 PM	Anthracene	n/a	<	0.25	µg/L	EPA 8270C	0.25	1	WKL	
MO-MEI	2020/21-2	Wet	1/29/2021 8:55:00 AM	2/9/2021 8:28:00 PM	Benz(a)anthracene	n/a	<	1.9	µg/L	EPA 625.1	1.9	10	WKL	
MO-MEI	2020/21-2	Wet	1/29/2021 8:55:00 AM	2/27/2021 12:55:00 PM	Benz(a)anthracene	n/a	<	0.51	µg/L	EPA 8270C	0.51	1	WKL	
MO-MEI	2020/21-2	Wet	1/29/2021 8:55:00 AM	2/9/2021 8:28:00 PM	Benzo(a)pyrene	n/a	<	14	µg/L	EPA 625.1	14	100	WKL	
MO-MEI	2020/21-2	Wet	1/29/2021 8:55:00 AM	2/27/2021 12:55:00 PM	Benzo(a)pyrene	n/a	<	0.51	µg/L	EPA 8270C	0.51	1	WKL	
MO-MEI	2020/21-2	Wet	1/29/2021 8:55:00 AM	2/12/2021 7:18:00 AM	Benzo(a)pyrene	n/a	<	0.2	µg/L	EPA 525.2	0.2	1	WKL	
MO-MEI	2020/21-2	Wet	1/29/2021 8:55:00 AM	2/9/2021 8:28:00 PM	Benzo(a)pyrene	n/a	<	3.9	µg/L	EPA 625.1	3.9	10	WKL	
MO-MEI	2020/21-2	Wet	1/29/2021 8:55:00 AM	2/9/2021 8:28:00 PM	Benzo(b)fluoranthene	n/a	<	4.6	µg/L	EPA 625.1	4.6	10	WKL	
MO-MEI	2020/21-2	Wet	1/29/2021 8:55:00 AM	2/27/2021 12:55:00 PM	Benzo(b)fluoranthene	n/a	<	0.27	µg/L	EPA 8270C	0.27	1	WKL	
MO-MEI	2020/21-2	Wet	1/29/2021 8:55:00 AM	2/9/2021 8:28:00 PM	Benzo(g,h,i)perylene	n/a	<	4.2	µg/L	EPA 625.1	4.2	20	WKL	
MO-MEI	2020/21-2	Wet	1/29/2021 8:55:00 AM	2/27/2021 12:55:00 PM	Benzo(g,h,i)perylene	n/a	<	0.5	µg/L	EPA 8270C	0.5	1	WKL	
MO-MEI	2020/21-2	Wet	1/29/2021 8:55:00 AM	2/9/2021 8:28:00 PM	Benzo(k)fluoranthene	n/a	<	2.2	µg/L	EPA 625.1	2.2	10	WKL	
MO-MEI	2020/21-2	Wet	1/29/2021 8:55:00 AM	2/27/2021 12:55:00 PM	Benzo(k)fluoranthene	n/a	<	0.26	µg/L	EPA 8270C	0.26	1	WKL	
MO-MEI	2020/21-2	Wet	1/29/2021 8:55:00 AM	2/9/2021 8:28:00 PM	Bis(2-chloroethoxy)methane	n/a	<	2.5	µg/L	EPA 625.1	2.5	10	WKL	
MO-MEI	2020/21-2	Wet	1/29/2021 8:55:00 AM	2/9/2021 8:28:00 PM	Bis(2-chloroethyl)ether	n/a	<	2.7	µg/L	EPA 625.1	2.7	10	WKL	
MO-MEI	2020/21-2	Wet	1/29/2021 8:55:00 AM	2/9/2021 8:28:00 PM	Bis(2-chloroisopropyl)ether	n/a	<	3.8	µg/L	EPA 625.1	3.8	10	WKL	
MO-MEI	2020/21-2	Wet	1/29/2021 8:55:00 AM	2/12/2021 7:18:00 AM	Bis(2-ethylhexyl)adipate	n/a	<	1.2	µg/L	EPA 525.2	1.2	50	WKL	
MO-MEI	2020/21-2	Wet	1/29/2021 8:55:00 AM	2/9/2021 8:28:00 PM	Bis(2-ethylhexyl)phthalate	n/a	<	23	µg/L	EPA 625.1	23	50	WKL	
MO-MEI	2020/21-2	Wet	1/29/2021 8:55:00 AM	2/12/2021 7:18:00 AM	Bis(2-ethylhexyl)phthalate	n/a	<	4.1	µg/L	EPA 525.2	4.1	30	WKL	
MO-MEI	2020/21-2	Wet	1/29/2021 8:55:00 AM	2/9/2021 8:28:00 PM	Butyl benzyl phthalate	n/a	<	1.8	µg/L	EPA 625.1	1.8	10	WKL	
MO-MEI	2020/21-2	Wet	1/29/2021 8:55:00 AM	2/27/2021 12:55:00 PM	Chrysene	n/a	<	0.32	µg/L	EPA 8270C	0.32	1	WKL	
MO-MEI	2020/21-2	Wet	1/29/2021 8:55:00 AM	2/9/2021 8:28:00 PM	Chrysene	n/a	<	1.9	µg/L	EPA 625.1	1.9	10	WKL	
MO-MEI	2020/21-2	Wet	1/29/2021 8:55:00 AM	2/27/2021 12:55:00 PM	Dibenz(a,h)anthracene	n/a	<	0.96	µg/L	EPA 8270C	0.96	1	WKL	
MO-MEI	2020/21-2	Wet	1/29/2021 8:55:00 AM	2/9/2021 8:28:00 PM	Dibenz(a,h)anthracene	n/a	<	5.3	µg/L	EPA 625.1	5.3	20	WKL	
MO-MEI	2020/21-2	Wet	1/29/2021 8:55:00 AM	2/9/2021 8:28:00 PM	Diethyl phthalate	n/a	<	1.5	µg/L	EPA 625.1	1.5	10	WKL	
MO-MEI	2020/21-2	Wet	1/29/2021 8:55:00 AM	2/9/2021 8:28:00 PM	Dimethyl phthalate	n/a	<	1.8	µg/L	EPA 625.1	1.8	10	WKL	
MO-MEI	2020/21-2	Wet	1/29/2021 8:55:00 AM	2/9/2021 8:28:00 PM	Di-n-butylphthalate	n/a	<	1	µg/L	EPA 625.1	1	10	WKL	
MO-MEI	2020/21-2	Wet	1/29/2021 8:55:00 AM	2/9/2021 8:28:00 PM	Di-n-octylphthalate	n/a	<	4.6	µg/L	EPA 625.1	4.6	10	WKL	
MO-MEI	2020/21-2	Wet	1/29/2021 8:55:00 AM	2/9/2021 8:28:00 PM	Fluoranthene	n/a	<	0.8	µg/L	EPA 625.1	0.8	10	WKL	
MO-MEI	2020/21-2	Wet	1/29/2021 8:55:00 AM	2/27/2021 12:55:00 PM	Fluoranthene	n/a	<	0.39	µg/L	EPA 8270C	0.39	1	WKL	
MO-MEI	2020/21-2	Wet	1/29/2021 8:55:00 AM	2/9/2021 8:28:00 PM	Fluorene	n/a	<	3.5	µg/L	EPA 625.1	3.5	10	WKL	
MO-MEI	2020/21-2	Wet	1/29/2021 8:55:00 AM	2/27/2021 12:55:00 PM	Fluorene	n/a	<	0.29	µg/L	EPA 8270C	0.29	1	WKL	
MO-MEI	2020/21-2	Wet	1/29/2021 8:55:00 AM	2/9/2021 8:28:00 PM	Hexachlorobenzene	n/a	<	4.9	µg/L	EPA 625.1	4.9	10	WKL	
MO-MEI	2020/21-2	Wet	1/29/2021 8:55:00 AM	2/9/2021 8:28:00 PM	Hexachlorobutadiene	n/a	<	4.7	µg/L	EPA 625.1	4.7	10	WKL	
MO-MEI	2020/21-2	Wet	1/29/2021 8:55:00 AM	2/9/2021 8:28:00 PM	Hexachlorocyclopentadiene	n/a	<	9.8	µg/L	EPA 625.1	9.8	50	WKL	
MO-MEI	2020/21-2	Wet	1/29/2021 8:55:00 AM	2/9/2021 8:28:00 PM	Hexachloroethane	n/a	<	5	µg/L	EPA 625.1	5	10	WKL	
MO-MEI	2020/21-2	Wet	1/29/2021 8:55:00 AM	2/9/2021 8:28:00 PM	Indeno(1,2,3-cd)pyrene	n/a	<	5.5	µg/L	EPA 625.1	5.5	20	WKL	
MO-MEI	2020/21-2	Wet	1/29/2021 8:55:00 AM	2/27/2021 12:55:00 PM	Indeno(1,2,3-cd)pyrene	n/a	<	0.65	µg/L	EPA 8270C	0.65	1	WKL	
MO-MEI	2020/21-2	Wet	1/29/2021 8:55:00 AM	2/9/2021 8:28:00 PM	Isophorone	n/a	<	2.1	µg/L	EPA 625.1	2.1	10	WKL	
MO-MEI	2020/21-2	Wet	1/29/2021 8:55:00 AM	2/9/2021 8:28:00 PM	Naphthalene	n/a	<	4.9	µg/L	EPA 625.1	4.9	10	WKL	
MO-MEI	2020/21-2	Wet	1/29/2021 8:55:00 AM	2/27/2021 12:55:00 PM	Naphthalene	n/a	<	0.26	µg/L	EPA 8270C	0.26	1	WKL	
MO-MEI	2020/21-2	Wet	1/29/2021 8:55:00 AM	2/9/2021 8:28:00 PM	Nitrobenzene	n/a	<	3.6	µg/L	EPA 625.1	3.6	10	WKL	
MO-MEI	2020/21-2	Wet	1/29/2021 8:55:00 AM	2/9/2021 8:28:00 PM	N-Nitrosodimethylamine	n/a	<	5	µg/L	EPA 625.1	5	10	WKL	
MO-MEI	2020/21-2	Wet	1/29/2021 8:55:00 AM	2/9/2021 8:28:00 PM	N-Nitrosodi-N-propylamine	n/a	<	2.6	µg/L	EPA 625.1	2.6	10	WKL	
MO-MEI	2020/21-2	Wet	1/29/2021 8:55:00 AM	2/9/2021 8:28:00 PM	N-Nitrosodiphenylamine	n/a	<	1.9	µg/L	EPA 625.1	1.9	10	WKL	
MO-MEI	2020/21-2	Wet	1/29/2021 8:55:00 AM	2/9/2021 8:28:00 PM	Phenanthrene	n/a	<	3.2	µg/L	EPA 625.1	3.2	10	WKL	
MO-MEI	2020/21-2	Wet	1/29/2021 8:55:00 AM	2/27/2021 12:55:00 PM	Phenanthrene	n/a	<	0.29	µg/L	EPA 8270C	0.29	1	WKL	
MO-MEI	2020/21-2	Wet	1/29/2021 8:55:00 AM	2/9/2021 8:28:00 PM	Phenol	n/a	<	1.6	µg/L	EPA 625.1	1.6	10	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-MEI	2020/21-2	Wet	1/29/2021 8:55:00 AM	3/5/2021 4:02:00 AM	Phenol	n/a	<	3.5	µg/L	EPA 8270C	3.5	10	WKL	
MO-MEI	2020/21-2	Wet	1/29/2021 8:55:00 AM	2/9/2021 8:28:00 PM	Pyrene	n/a	<	2.5	µg/L	EPA 625.1	2.5	10	WKL	
MO-MEI	2020/21-2	Wet	1/29/2021 8:55:00 AM	2/27/2021 12:55:00 PM	Pyrene	n/a	<	0.4	µg/L	EPA 8270C	0.4	1	WKL	
MO-MEI	2020/21-2	Wet	1/29/2021 8:55:00 AM	2/16/2021 10:06:00 PM	PCB Aroclor 1016	n/a	<	4	µg/L	EPA 608.3	4	10	WKL	
MO-MEI	2020/21-2	Wet	1/29/2021 8:55:00 AM	2/16/2021 10:06:00 PM	PCB Aroclor 1221	n/a	<	4	µg/L	EPA 608.3	4	10	WKL	
MO-MEI	2020/21-2	Wet	1/29/2021 8:55:00 AM	2/16/2021 10:06:00 PM	PCB Aroclor 1232	n/a	<	4	µg/L	EPA 608.3	4	10	WKL	
MO-MEI	2020/21-2	Wet	1/29/2021 8:55:00 AM	2/16/2021 10:06:00 PM	PCB Aroclor 1242	n/a	<	4	µg/L	EPA 608.3	4	10	WKL	
MO-MEI	2020/21-2	Wet	1/29/2021 8:55:00 AM	2/16/2021 10:06:00 PM	PCB Aroclor 1248	n/a	<	4	µg/L	EPA 608.3	4	10	WKL	
MO-MEI	2020/21-2	Wet	1/29/2021 8:55:00 AM	2/16/2021 10:06:00 PM	PCB Aroclor 1254	n/a	<	4	µg/L	EPA 608.3	4	10	WKL	
MO-MEI	2020/21-2	Wet	1/29/2021 8:55:00 AM	2/16/2021 10:06:00 PM	PCB Aroclor 1260	n/a	<	4	µg/L	EPA 608.3	4	10	WKL	
MO-MEI	2020/21-2	Wet	1/29/2021 8:55:00 AM	2/13/2021 3:08:00 AM	2,4,5-T	n/a	<	0.55	µg/L	EPA 515.4	0.55	2	WKL	
MO-MEI	2020/21-2	Wet	1/29/2021 8:55:00 AM	2/13/2021 3:08:00 AM	2,4,5-TP	n/a	<	0.46	µg/L	EPA 515.4	0.46	2	WKL	
MO-MEI	2020/21-2	Wet	1/29/2021 8:55:00 AM	2/13/2021 3:08:00 AM	2,4-D	n/a	<	1.4	µg/L	EPA 515.4	1.4	4	WKL	
MO-MEI	2020/21-2	Wet	1/29/2021 8:55:00 AM	2/13/2021 3:08:00 AM	2,4-DB	n/a	<	1.9	µg/L	EPA 515.4	1.9	20	WKL	
MO-MEI	2020/21-2	Wet	1/29/2021 8:55:00 AM	2/13/2021 3:08:00 AM	3,5-Dichlorobenzoic acid	n/a	<	1.2	µg/L	EPA 515.4	1.2	10	WKL	
MO-MEI	2020/21-2	Wet	1/29/2021 8:55:00 AM	2/16/2021 10:06:00 PM	4,4'-DDD	n/a	<	0.014	µg/L	EPA 608.3	0.014	1	WKL	
MO-MEI	2020/21-2	Wet	1/29/2021 8:55:00 AM	2/16/2021 10:06:00 PM	4,4'-DDE	n/a	<	0.014	µg/L	EPA 608.3	0.014	1	WKL	
MO-MEI	2020/21-2	Wet	1/29/2021 8:55:00 AM	2/16/2021 10:06:00 PM	4,4'-DDT	n/a	<	0.2	µg/L	EPA 608.3	0.2	0.2	WKL	
MO-MEI	2020/21-2	Wet	1/29/2021 8:55:00 AM	2/13/2021 3:08:00 AM	Acifluorfen	n/a	<	0.72	µg/L	EPA 515.4	0.72	4	WKL	
MO-MEI	2020/21-2	Wet	1/29/2021 8:55:00 AM	2/12/2021 7:18:00 AM	Alachlor	n/a	<	0.3	µg/L	EPA 525.2	0.3	1	WKL	
MO-MEI	2020/21-2	Wet	1/29/2021 8:55:00 AM	2/16/2021 10:06:00 PM	Aldrin	n/a	<	0.02	µg/L	EPA 608.3	0.02	0.1	WKL	
MO-MEI	2020/21-2	Wet	1/29/2021 8:55:00 AM	2/16/2021 10:06:00 PM	alpha-BHC	n/a	<	0.022	µg/L	EPA 608.3	0.022	0.2	WKL	
MO-MEI	2020/21-2	Wet	1/29/2021 8:55:00 AM	2/16/2021 10:06:00 PM	alpha-Chlordane	n/a	<	0.058	µg/L	EPA 608.3	0.058	0.2	WKL	
MO-MEI	2020/21-2	Wet	1/29/2021 8:55:00 AM	2/12/2021 7:18:00 AM	Atrazine	n/a	<	0.3	µg/L	EPA 525.2	0.3	1	WKL	
MO-MEI	2020/21-2	Wet	1/29/2021 8:55:00 AM	2/3/2021 7:40:00 PM	Azinphos methyl	n/a	<	0.055	µg/L	EPA 625.1m	0.055	0.1	WKL	
MO-MEI	2020/21-2	Wet	1/29/2021 8:55:00 AM	2/13/2021 3:08:00 AM	Bentazon	n/a	<	2.3	µg/L	EPA 515.4	2.3	20	WKL	
MO-MEI	2020/21-2	Wet	1/29/2021 8:55:00 AM	2/16/2021 10:06:00 PM	beta-BHC	n/a	<	0.1	µg/L	EPA 608.3	0.1	0.1	WKL	
MO-MEI	2020/21-2	Wet	1/29/2021 8:55:00 AM	2/3/2021 7:40:00 PM	Bolstar	n/a	<	0.046	µg/L	EPA 625.1m	0.046	0.1	WKL	
MO-MEI	2020/21-2	Wet	1/29/2021 8:55:00 AM	2/12/2021 7:18:00 AM	Bromacil	n/a	DNQ	2.7	µg/L	EPA 525.2	1.6	5	WKL	
MO-MEI	2020/21-2	Wet	1/29/2021 8:55:00 AM	2/12/2021 7:18:00 AM	Butachlor	n/a	<	0.3	µg/L	EPA 525.2	0.3	1	WKL	
MO-MEI	2020/21-2	Wet	1/29/2021 8:55:00 AM	2/12/2021 7:18:00 AM	Captan	n/a	DNQ	2.8	µg/L	EPA 525.2	1.6	10	WKL	EST-LCSRPD
MO-MEI	2020/21-2	Wet	1/29/2021 8:55:00 AM	2/16/2021 10:06:00 PM	Chlordane (technical)	n/a	<	10	µg/L	EPA 608.3	10	10	WKL	
MO-MEI	2020/21-2	Wet	1/29/2021 8:55:00 AM	2/12/2021 7:18:00 AM	Chlorpropham	n/a	<	0.4	µg/L	EPA 525.2	0.4	1	WKL	
MO-MEI	2020/21-2	Wet	1/29/2021 8:55:00 AM	2/3/2021 7:40:00 PM	Chlorpyrifos	n/a	<	0.069	µg/L	EPA 625.1m	0.069	0.1	WKL	
MO-MEI	2020/21-2	Wet	1/29/2021 8:55:00 AM	2/3/2021 7:40:00 PM	Coumaphos	n/a	<	0.051	µg/L	EPA 625.1m	0.051	0.1	WKL	
MO-MEI	2020/21-2	Wet	1/29/2021 8:55:00 AM	2/12/2021 7:18:00 AM	Cyanazine	n/a	<	0.4	µg/L	EPA 525.2	0.4	1	WKL	
MO-MEI	2020/21-2	Wet	1/29/2021 8:55:00 AM	2/13/2021 3:08:00 AM	Dalapon	n/a	<	1.1	µg/L	EPA 515.4	1.1	4	WKL	
MO-MEI	2020/21-2	Wet	1/29/2021 8:55:00 AM	2/13/2021 3:08:00 AM	DCPA (Dacthal)	n/a	<	0.53	µg/L	EPA 515.4	0.53	1	WKL	
MO-MEI	2020/21-2	Wet	1/29/2021 8:55:00 AM	2/16/2021 10:06:00 PM	delta-BHC	n/a	<	0.038	µg/L	EPA 608.3	0.038	0.1	WKL	
MO-MEI	2020/21-2	Wet	1/29/2021 8:55:00 AM	2/3/2021 7:40:00 PM	Demeton-O	n/a	<	0.1	µg/L	EPA 625.1m	0.1	0.1	WKL	
MO-MEI	2020/21-2	Wet	1/29/2021 8:55:00 AM	2/3/2021 7:40:00 PM	Demeton-S	n/a	<	0.1	µg/L	EPA 625.1m	0.1	0.1	WKL	
MO-MEI	2020/21-2	Wet	1/29/2021 8:55:00 AM	2/12/2021 7:18:00 AM	Diazinon	n/a	<	0.5	µg/L	EPA 525.2	0.5	1	WKL	
MO-MEI	2020/21-2	Wet	1/29/2021 8:55:00 AM	2/3/2021 7:40:00 PM	Diazinon	n/a	<	0.052	µg/L	EPA 625.1m	0.052	0.1	WKL	
MO-MEI	2020/21-2	Wet	1/29/2021 8:55:00 AM	2/13/2021 3:08:00 AM	Dicamba	n/a	<	0.75	µg/L	EPA 515.4	0.75	6	WKL	
MO-MEI	2020/21-2	Wet	1/29/2021 8:55:00 AM	2/13/2021 3:08:00 AM	Dichlorprop	n/a	<	1.2	µg/L	EPA 515.4	1.2	3	WKL	
MO-MEI	2020/21-2	Wet	1/29/2021 8:55:00 AM	2/3/2021 7:40:00 PM	Dichlorvos	n/a	<	0.029	µg/L	EPA 625.1m	0.029	0.1	WKL	
MO-MEI	2020/21-2	Wet	1/29/2021 8:55:00 AM	2/16/2021 10:06:00 PM	Dieldrin	n/a	<	0.016	µg/L	EPA 608.3	0.016	0.2	WKL	
MO-MEI	2020/21-2	Wet	1/29/2021 8:55:00 AM	2/12/2021 7:18:00 AM	Dimethoate	n/a	<	0.2	µg/L	EPA 525.2	0.2	2	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-MEI	2020/21-2	Wet	1/29/2021 8:55:00 AM	2/3/2021 7:40:00 PM	Dimethoate	n/a	<	0.062	µg/L	EPA 625.1m	0.062	0.1	WKL	
MO-MEI	2020/21-2	Wet	1/29/2021 8:55:00 AM	2/13/2021 3:08:00 AM	Dinoseb	n/a	<	0.55	µg/L	EPA 515.4	0.55	4	WKL	
MO-MEI	2020/21-2	Wet	1/29/2021 8:55:00 AM	2/12/2021 7:18:00 AM	Diphenamid	n/a	<	0.3	µg/L	EPA 525.2	0.3	1	WKL	
MO-MEI	2020/21-2	Wet	1/29/2021 8:55:00 AM	2/3/2021 7:40:00 PM	Disulfoton	n/a	<	0.1	µg/L	EPA 625.1m	0.1	0.1	WKL	
MO-MEI	2020/21-2	Wet	1/29/2021 8:55:00 AM	2/12/2021 7:18:00 AM	Disulfoton	n/a	<	0.4	µg/L	EPA 525.2	0.4	1	WKL	
MO-MEI	2020/21-2	Wet	1/29/2021 8:55:00 AM	2/16/2021 10:06:00 PM	Endosulfan I	n/a	<	0.018	µg/L	EPA 608.3	0.018	0.4	WKL	
MO-MEI	2020/21-2	Wet	1/29/2021 8:55:00 AM	2/16/2021 10:06:00 PM	Endosulfan II	n/a	<	0.014	µg/L	EPA 608.3	0.014	0.2	WKL	
MO-MEI	2020/21-2	Wet	1/29/2021 8:55:00 AM	2/16/2021 10:06:00 PM	Endosulfan sulfate	n/a	<	0.026	µg/L	EPA 608.3	0.026	1	WKL	
MO-MEI	2020/21-2	Wet	1/29/2021 8:55:00 AM	2/16/2021 10:06:00 PM	Endrin	n/a	<	0.034	µg/L	EPA 608.3	0.034	0.2	WKL	
MO-MEI	2020/21-2	Wet	1/29/2021 8:55:00 AM	2/16/2021 10:06:00 PM	Endrin aldehyde	n/a	<	0.038	µg/L	EPA 608.3	0.038	0.2	WKL	
MO-MEI	2020/21-2	Wet	1/29/2021 8:55:00 AM	2/12/2021 7:18:00 AM	EPTC	n/a	<	0.2	µg/L	EPA 525.2	0.2	1	WKL	
MO-MEI	2020/21-2	Wet	1/29/2021 8:55:00 AM	2/3/2021 7:40:00 PM	Ethoprop	n/a	<	0.067	µg/L	EPA 625.1m	0.067	0.1	WKL	
MO-MEI	2020/21-2	Wet	1/29/2021 8:55:00 AM	2/3/2021 7:40:00 PM	Ethyl parathion	n/a	<	0.054	µg/L	EPA 625.1m	0.054	0.1	WKL	
MO-MEI	2020/21-2	Wet	1/29/2021 8:55:00 AM	2/3/2021 7:40:00 PM	Fensulfothion	n/a	<	0.029	µg/L	EPA 625.1m	0.029	0.1	WKL	
MO-MEI	2020/21-2	Wet	1/29/2021 8:55:00 AM	2/3/2021 7:40:00 PM	Fenthion	n/a	<	0.038	µg/L	EPA 625.1m	0.038	0.1	WKL	
MO-MEI	2020/21-2	Wet	1/29/2021 8:55:00 AM	2/16/2021 10:06:00 PM	gamma-BHC (Lindane)	n/a	<	0.008	µg/L	EPA 608.3	0.008	0.4	WKL	
MO-MEI	2020/21-2	Wet	1/29/2021 8:55:00 AM	2/16/2021 10:06:00 PM	gamma-Chlordane	n/a	<	0.046	µg/L	EPA 608.3	0.046	0.2	WKL	
MO-MEI	2020/21-2	Wet	1/29/2021 8:55:00 AM	2/3/2021 4:35:00 AM	Glyphosate	n/a	DNQ	4.2	µg/L	EPA 547	1.8	5	WKL	
MO-MEI	2020/21-2	Wet	1/29/2021 8:55:00 AM	2/16/2021 10:06:00 PM	Heptachlor	n/a	<	0.012	µg/L	EPA 608.3	0.012	0.2	WKL	
MO-MEI	2020/21-2	Wet	1/29/2021 8:55:00 AM	2/16/2021 10:06:00 PM	Heptachlor epoxide	n/a	<	0.008	µg/L	EPA 608.3	0.008	0.2	WKL	
MO-MEI	2020/21-2	Wet	1/29/2021 8:55:00 AM	2/3/2021 7:40:00 PM	Malathion	n/a	<	0.076	µg/L	EPA 625.1m	0.076	0.1	WKL	
MO-MEI	2020/21-2	Wet	1/29/2021 8:55:00 AM	2/3/2021 7:40:00 PM	Merphos	n/a	<	0.058	µg/L	EPA 625.1m	0.058	0.1	WKL	
MO-MEI	2020/21-2	Wet	1/29/2021 8:55:00 AM	2/16/2021 10:06:00 PM	Methoxychlor	n/a	<	0.028	µg/L	EPA 608.3	0.028	0.4	WKL	
MO-MEI	2020/21-2	Wet	1/29/2021 8:55:00 AM	2/3/2021 7:40:00 PM	Methyl parathion	n/a	<	0.063	µg/L	EPA 625.1m	0.063	0.1	WKL	
MO-MEI	2020/21-2	Wet	1/29/2021 8:55:00 AM	2/12/2021 7:18:00 AM	Metolachlor	n/a	<	0.3	µg/L	EPA 525.2	0.3	1	WKL	
MO-MEI	2020/21-2	Wet	1/29/2021 8:55:00 AM	2/12/2021 7:18:00 AM	Metribuzin	n/a	<	0.3	µg/L	EPA 525.2	0.3	1	WKL	
MO-MEI	2020/21-2	Wet	1/29/2021 8:55:00 AM	2/3/2021 7:40:00 PM	Mevinphos	n/a	<	0.042	µg/L	EPA 625.1m	0.042	0.1	WKL	
MO-MEI	2020/21-2	Wet	1/29/2021 8:55:00 AM	2/12/2021 7:18:00 AM	Molinate	n/a	<	0.3	µg/L	EPA 525.2	0.3	1	WKL	
MO-MEI	2020/21-2	Wet	1/29/2021 8:55:00 AM	2/3/2021 7:40:00 PM	Naled	n/a	<	0.076	µg/L	EPA 625.1m	0.076	0.1	WKL	
MO-MEI	2020/21-2	Wet	1/29/2021 8:55:00 AM	2/13/2021 3:08:00 AM	Pentachlorophenol	n/a	<	0.46	µg/L	EPA 515.4	0.46	2	WKL	
MO-MEI	2020/21-2	Wet	1/29/2021 8:55:00 AM	2/9/2021 8:28:00 PM	Pentachlorophenol	n/a	<	4	µg/L	EPA 625.1	4	10	WKL	
MO-MEI	2020/21-2	Wet	1/29/2021 8:55:00 AM	3/5/2021 4:02:00 AM	Pentachlorophenol	n/a	DNQ	1.7	µg/L	EPA 8270C	1.5	10	WKL	
MO-MEI	2020/21-2	Wet	1/29/2021 8:55:00 AM	2/3/2021 7:40:00 PM	Phorate	n/a	<	0.03	µg/L	EPA 625.1m	0.03	0.1	WKL	
MO-MEI	2020/21-2	Wet	1/29/2021 8:55:00 AM	2/13/2021 3:08:00 AM	Picloram	n/a	<	0.38	µg/L	EPA 515.4	0.38	6	WKL	
MO-MEI	2020/21-2	Wet	1/29/2021 8:55:00 AM	2/12/2021 7:18:00 AM	Prometon	n/a	<	0.1	µg/L	EPA 525.2	0.1	1	WKL	
MO-MEI	2020/21-2	Wet	1/29/2021 8:55:00 AM	2/12/2021 7:18:00 AM	Prometryn	n/a	<	0.3	µg/L	EPA 525.2	0.3	1	WKL	
MO-MEI	2020/21-2	Wet	1/29/2021 8:55:00 AM	2/3/2021 7:40:00 PM	Ronnel (Fenclophos)	n/a	<	0.041	µg/L	EPA 625.1m	0.041	0.1	WKL	
MO-MEI	2020/21-2	Wet	1/29/2021 8:55:00 AM	2/12/2021 7:18:00 AM	Simazine	n/a	<	0.2	µg/L	EPA 525.2	0.2	1	WKL	
MO-MEI	2020/21-2	Wet	1/29/2021 8:55:00 AM	2/3/2021 7:40:00 PM	Stirophos (Tetrachlorvinphos)	n/a	<	0.031	µg/L	EPA 625.1m	0.031	0.1	WKL	
MO-MEI	2020/21-2	Wet	1/29/2021 8:55:00 AM	2/12/2021 7:18:00 AM	Terbacil	n/a	<	0.9	µg/L	EPA 525.2	0.9	20	WKL	
MO-MEI	2020/21-2	Wet	1/29/2021 8:55:00 AM	2/12/2021 7:18:00 AM	Thiobencarb	n/a	<	0.3	µg/L	EPA 525.2	0.3	1	WKL	
MO-MEI	2020/21-2	Wet	1/29/2021 8:55:00 AM	2/3/2021 7:40:00 PM	Tokuthion	n/a	<	0.078	µg/L	EPA 625.1m	0.078	0.1	WKL	
MO-MEI	2020/21-2	Wet	1/29/2021 8:55:00 AM	2/16/2021 10:06:00 PM	Toxaphene	n/a	<	20	µg/L	EPA 608.3	20	20	WKL	
MO-MEI	2020/21-2	Wet	1/29/2021 8:55:00 AM	2/3/2021 7:40:00 PM	Trichloronate	n/a	<	0.067	µg/L	EPA 625.1m	0.067	0.1	WKL	
MO-MEI	2020/21-2	Wet	1/29/2021 8:55:00 AM	2/12/2021 7:18:00 AM	Trithion	n/a	<	0.2	µg/L	EPA 525.2	0.2	1	WKL	
MO-MEI	2020/21-3	Wet	3/10/2021 2:50:00 AM	3/10/2021 2:50:00 AM	Conductivity	n/a	=	153.8	µmhos/cm	Field Meter	-88	1	Field Crew	
MO-MEI	2020/21-3	Wet	3/10/2021 2:50:00 AM	3/15/2021 4:18:00 PM	Cyanide	Total	=	0.0032	mg/L	ASTM D7511	0.0003	0.002	WKL	
MO-MEI	2020/21-3	Wet	3/10/2021 2:50:00 AM	3/10/2021 2:50:00 AM	DO	n/a	=	8.32	mg/L	Field Meter	-88	0.3	Field Crew	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-MEI	2020/21-3	Wet	3/10/2021 2:50:00 AM	3/10/2021 2:50:00 AM	DO	n/a	=	77.6	%	Field Meter	-88	0.1	Field Crew	
MO-MEI	2020/21-3	Wet	3/10/2021 2:50:00 AM	3/10/2021 2:50:00 AM	pH	n/a	=	7.15	pH Units	Field Meter	-88	0.01	Field Crew	
MO-MEI	2020/21-3	Wet	3/10/2021 2:50:00 AM	3/10/2021 2:50:00 AM	Salinity	n/a	=	100	mg/L	Field Meter	-88	100	Field Crew	
MO-MEI	2020/21-3	Wet	3/10/2021 2:50:00 AM	3/10/2021 2:50:00 AM	Specific Conductance	n/a	=	203.9	µmhos/cm	Field Meter	-88	1	Field Crew	
MO-MEI	2020/21-3	Wet	3/10/2021 2:50:00 AM	3/10/2021 2:50:00 AM	Temperature	n/a	=	12.1	°C	Field Meter	-88	0.1	Field Crew	
MO-MEI	2020/21-3	Wet	3/10/2021 2:50:00 AM	3/24/2021 5:28:00 PM	Oil and Grease	n/a	DNQ	1.2	mg/L	EPA 1664B	0.7	5	WKL	
MO-MEI	2020/21-3	Wet	3/10/2021 10:25:00 AM	3/13/2021 12:15:00 AM	Chloride	n/a	=	7.2	mg/L	EPA 300.0	0.17	1	WKL	
MO-MEI	2020/21-3	Wet	3/10/2021 10:25:00 AM	3/13/2021 12:15:00 AM	Fluoride	n/a	DNQ	0.068	mg/L	EPA 300.0	0.018	0.2	WKL	
MO-MEI	2020/21-3	Wet	3/10/2021 10:25:00 AM	3/20/2021 1:15:00 AM	Perchlorate	n/a	<	1.7	µg/L	EPA 314.0	1.7	4	WKL	
MO-MEI	2020/21-3	Wet	3/10/2021 10:25:00 AM	3/19/2021 6:48:00 PM	Calcium	Total	=	10.2	mg/L	EPA 200.7	0.16	0.5	WKL	
MO-MEI	2020/21-3	Wet	3/10/2021 10:25:00 AM	3/19/2021 6:48:00 PM	Magnesium	Total	=	3.84	mg/L	EPA 200.7	0.039	0.5	WKL	
MO-MEI	2020/21-3	Wet	3/10/2021 10:25:00 AM	3/11/2021 12:35:00 PM	Alkalinity as CaCO3	n/a	=	26	mg/L	SM 2320 B	0.56	5	WKL	
MO-MEI	2020/21-3	Wet	3/10/2021 10:25:00 AM	3/16/2021 4:43:00 PM	BOD	n/a	=	20	mg/L	SM 5210 B	2	2	WKL	
MO-MEI	2020/21-3	Wet	3/10/2021 10:25:00 AM	3/18/2021 11:57:00 AM	COD	n/a	=	71	mg/L	EPA 410.4	2.9	5	WKL	
MO-MEI	2020/21-3	Wet	3/10/2021 10:25:00 AM	3/19/2021 6:48:00 PM	Hardness as CaCO3	Total	=	41.2	mg/L	EPA 200.7	0.56	3.31	WKL	
MO-MEI	2020/21-3	Wet	3/10/2021 10:25:00 AM	3/11/2021 8:31:00 PM	MBAS	n/a	=	0.13	mg/L	SM 5540 C	0.017	0.05	WKL	
MO-MEI	2020/21-3	Wet	3/10/2021 10:25:00 AM	3/23/2021 1:45:00 PM	Phenolics	n/a	=	0.15	mg/L	EPA 420.4	0.0032	0.01	WKL	
MO-MEI	2020/21-3	Wet	3/10/2021 10:25:00 AM	3/15/2021 1:46:00 PM	Specific Conductance	n/a	=	110	µmhos/cm	SM 2510 B	0.23	2	WKL	
MO-MEI	2020/21-3	Wet	3/10/2021 10:25:00 AM	3/15/2021 6:00:00 PM	Total Dissolved Solids	n/a	=	44	mg/L	SM 2540 C	4	10	WKL	
MO-MEI	2020/21-3	Wet	3/10/2021 10:25:00 AM	4/5/2021	Total Organic Carbon	n/a	=	20	mg/L	SM 5310 B	1	1	WKL	
MO-MEI	2020/21-3	Wet	3/10/2021 10:25:00 AM	3/12/2021 4:29:00 PM	Total Suspended Solids	n/a	=	89	mg/L	SM 2540 D	-88	5	WKL	
MO-MEI	2020/21-3	Wet	3/10/2021 10:25:00 AM	3/11/2021 5:01:00 PM	Turbidity	n/a	=	16	NTU	EPA 180.1	0.017	0.1	WKL	
MO-MEI	2020/21-3	Wet	3/10/2021 10:25:00 AM	3/12/2021 4:29:00 PM	Volatile Suspended Solids	n/a	=	31	mg/L	EPA 160.4	3.1	5	WKL	
MO-MEI	2020/21-3	Wet	3/10/2021 10:25:00 AM	3/25/2021 10:58:00 PM	Diesel Range Organics	n/a	=	0.6	mg/L	EPA 8015B	0.032	0.1	WKL	
MO-MEI	2020/21-3	Wet	3/10/2021 10:25:00 AM	3/25/2021 10:58:00 PM	Oil Range Organics	n/a	=	0.61	mg/L	EPA 8015B	0.33	0.5	WKL	
MO-MEI	2020/21-3	Wet	3/10/2021 10:25:00 AM	3/17/2021 4:32:00 PM	Aluminum	Dissolved	=	38	µg/L	EPA 200.8	4.4	20	WKL	
MO-MEI	2020/21-3	Wet	3/10/2021 10:25:00 AM	3/17/2021 4:35:00 PM	Aluminum	Total	=	2200	µg/L	EPA 200.8	4.4	20	WKL	
MO-MEI	2020/21-3	Wet	3/10/2021 10:25:00 AM	3/17/2021 4:32:00 PM	Antimony	Dissolved	DNQ	0.24	µg/L	EPA 200.8	0.089	0.5	WKL	
MO-MEI	2020/21-3	Wet	3/10/2021 10:25:00 AM	3/17/2021 4:35:00 PM	Antimony	Total	DNQ	0.44	µg/L	EPA 200.8	0.089	0.5	WKL	
MO-MEI	2020/21-3	Wet	3/10/2021 10:25:00 AM	3/17/2021 4:32:00 PM	Arsenic	Dissolved	=	0.77	µg/L	EPA 200.8	0.074	0.4	WKL	
MO-MEI	2020/21-3	Wet	3/10/2021 10:25:00 AM	3/17/2021 4:35:00 PM	Arsenic	Total	=	1.3	µg/L	EPA 200.8	0.074	0.4	WKL	
MO-MEI	2020/21-3	Wet	3/10/2021 10:25:00 AM	3/17/2021 4:35:00 PM	Barium	Total	=	40	µg/L	EPA 200.8	0.14	1	WKL	
MO-MEI	2020/21-3	Wet	3/10/2021 10:25:00 AM	3/17/2021 4:32:00 PM	Beryllium	Dissolved	<	0.062	µg/L	EPA 200.8	0.062	0.1	WKL	
MO-MEI	2020/21-3	Wet	3/10/2021 10:25:00 AM	3/17/2021 4:35:00 PM	Beryllium	Total	DNQ	0.069	µg/L	EPA 200.8	0.062	0.1	WKL	
MO-MEI	2020/21-3	Wet	3/10/2021 10:25:00 AM	3/17/2021 4:32:00 PM	Cadmium	Dissolved	<	0.042	µg/L	EPA 200.8	0.042	0.2	WKL	
MO-MEI	2020/21-3	Wet	3/10/2021 10:25:00 AM	3/17/2021 4:35:00 PM	Cadmium	Total	DNQ	0.1	µg/L	EPA 200.8	0.042	0.2	WKL	
MO-MEI	2020/21-3	Wet	3/10/2021 10:25:00 AM	3/17/2021 4:32:00 PM	Chromium	Dissolved	=	0.51	µg/L	EPA 200.8	0.089	0.2	WKL	
MO-MEI	2020/21-3	Wet	3/10/2021 10:25:00 AM	3/17/2021 4:35:00 PM	Chromium	Total	=	4.4	µg/L	EPA 200.8	0.089	0.2	WKL	
MO-MEI	2020/21-3	Wet	3/10/2021 10:25:00 AM	3/22/2021 2:14:00 PM	Chromium VI	n/a	=	0.17	µg/L	EPA 218.6	0.0079	0.02	WKL	
MO-MEI	2020/21-3	Wet	3/10/2021 10:25:00 AM	3/17/2021 4:32:00 PM	Copper	Dissolved	=	7	µg/L	EPA 200.8	0.23	0.5	WKL	
MO-MEI	2020/21-3	Wet	3/10/2021 10:25:00 AM	3/17/2021 4:35:00 PM	Copper	Total	=	12	µg/L	EPA 200.8	0.23	0.5	WKL	
MO-MEI	2020/21-3	Wet	3/10/2021 10:25:00 AM	3/17/2021 4:32:00 PM	Iron	Dissolved	=	49	µg/L	EPA 200.8	3.9	20	WKL	
MO-MEI	2020/21-3	Wet	3/10/2021 10:25:00 AM	3/17/2021 4:35:00 PM	Iron	Total	=	2400	µg/L	EPA 200.8	3.9	20	WKL	
MO-MEI	2020/21-3	Wet	3/10/2021 10:25:00 AM	3/17/2021 4:32:00 PM	Lead	Dissolved	=	0.46	µg/L	EPA 200.8	0.083	0.2	WKL	
MO-MEI	2020/21-3	Wet	3/10/2021 10:25:00 AM	3/17/2021 4:35:00 PM	Lead	Total	=	3.6	µg/L	EPA 200.8	0.083	0.2	WKL	
MO-MEI	2020/21-3	Wet	3/10/2021 10:25:00 AM	3/18/2021 3:18:00 PM	Mercury	Dissolved	<	17	ng/L	EPA 245.1	17	50	WKL	
MO-MEI	2020/21-3	Wet	3/10/2021 10:25:00 AM	3/18/2021 3:20:00 PM	Mercury	Total	<	17	ng/L	EPA 245.1	17	50	WKL	
MO-MEI	2020/21-3	Wet	3/10/2021 10:25:00 AM	3/17/2021 4:32:00 PM	Nickel	Dissolved	=	2.2	µg/L	EPA 200.8	0.16	2	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-MEI	2020/21-3	Wet	3/10/2021 10:25:00 AM	3/17/2021 4:35:00 PM	Nickel	Total	=	7.1	µg/L	EPA 200.8	0.16	2	WKL	
MO-MEI	2020/21-3	Wet	3/10/2021 10:25:00 AM	3/17/2021 4:32:00 PM	Selenium	Dissolved	DNQ	0.13	µg/L	EPA 200.8	0.067	0.4	WKL	
MO-MEI	2020/21-3	Wet	3/10/2021 10:25:00 AM	3/17/2021 4:35:00 PM	Selenium	Total	DNQ	0.19	µg/L	EPA 200.8	0.067	0.4	WKL	
MO-MEI	2020/21-3	Wet	3/10/2021 10:25:00 AM	3/17/2021 4:32:00 PM	Silver	Dissolved	<	0.03	µg/L	EPA 200.8	0.03	0.2	WKL	
MO-MEI	2020/21-3	Wet	3/10/2021 10:25:00 AM	3/17/2021 4:35:00 PM	Silver	Total	DNQ	0.038	µg/L	EPA 200.8	0.03	0.2	WKL	
MO-MEI	2020/21-3	Wet	3/10/2021 10:25:00 AM	3/17/2021 4:32:00 PM	Thallium	Dissolved	<	0.021	µg/L	EPA 200.8	0.021	0.2	WKL	
MO-MEI	2020/21-3	Wet	3/10/2021 10:25:00 AM	3/17/2021 4:35:00 PM	Thallium	Total	DNQ	0.024	µg/L	EPA 200.8	0.021	0.2	WKL	
MO-MEI	2020/21-3	Wet	3/10/2021 10:25:00 AM	3/17/2021 4:32:00 PM	Zinc	Dissolved	=	24	µg/L	EPA 200.8	0.8	10	WKL	
MO-MEI	2020/21-3	Wet	3/10/2021 10:25:00 AM	3/17/2021 4:35:00 PM	Zinc	Total	=	61	µg/L	EPA 200.8	0.8	10	WKL	
MO-MEI	2020/21-3	Wet	3/10/2021 10:25:00 AM	3/18/2021 3:30:00 PM	Ammonia as N	n/a	=	0.48	mg/L	EPA 350.1	0.047	0.1	WKL	
MO-MEI	2020/21-3	Wet	3/10/2021 10:25:00 AM	3/11/2021 7:09:00 PM	Nitrate + Nitrite as N	n/a	=	0.83	mg/L	EPA 353.2	0.036	0.2	WKL	
MO-MEI	2020/21-3	Wet	3/10/2021 10:25:00 AM	3/19/2021 6:45:00 PM	Phosphorus as P	Dissolved	=	0.29	mg/L	EPA 200.7	0.012	0.02	WKL	
MO-MEI	2020/21-3	Wet	3/10/2021 10:25:00 AM	3/19/2021 6:48:00 PM	Phosphorus as P	Total	=	0.48	mg/L	EPA 200.7	0.018	0.05	WKL	
MO-MEI	2020/21-3	Wet	3/10/2021 10:25:00 AM	3/19/2021 3:59:00 PM	TKN	n/a	=	1.5	mg/L	EPA 351.2	0.065	0.1	WKL	
MO-MEI	2020/21-3	Wet	3/10/2021 10:25:00 AM	4/2/2021 1:51:00 AM	1,2,4-Trichlorobenzene	n/a	<	2.4	µg/L	EPA 625.1	2.4	5	WKL	
MO-MEI	2020/21-3	Wet	3/10/2021 10:25:00 AM	4/2/2021 1:51:00 AM	1,2-Dichlorobenzene	n/a	<	2.3	µg/L	EPA 625.1	2.3	5	WKL	
MO-MEI	2020/21-3	Wet	3/10/2021 10:25:00 AM	4/2/2021 1:51:00 AM	1,2-Diphenylhydrazine	n/a	<	1.5	µg/L	EPA 625.1	1.5	5	WKL	
MO-MEI	2020/21-3	Wet	3/10/2021 10:25:00 AM	4/2/2021 1:51:00 AM	1,3-Dichlorobenzene	n/a	<	2.1	µg/L	EPA 625.1	2.1	5	WKL	
MO-MEI	2020/21-3	Wet	3/10/2021 10:25:00 AM	4/2/2021 1:51:00 AM	1,4-Dichlorobenzene	n/a	<	2.4	µg/L	EPA 625.1	2.4	5	WKL	
MO-MEI	2020/21-3	Wet	3/10/2021 10:25:00 AM	3/27/2021 4:11:00 AM	1-Methylnaphthalene	n/a	<	0.12	µg/L	EPA 8270C	0.12	0.5	WKL	
MO-MEI	2020/21-3	Wet	3/10/2021 10:25:00 AM	3/26/2021 2:51:00 AM	2,4,5-Trichlorophenol	n/a	<	1.4	µg/L	EPA 8270C	1.4	5	WKL	
MO-MEI	2020/21-3	Wet	3/10/2021 10:25:00 AM	4/2/2021 1:51:00 AM	2,4,6-Trichlorophenol	n/a	<	1.1	µg/L	EPA 625.1	1.1	5	WKL	
MO-MEI	2020/21-3	Wet	3/10/2021 10:25:00 AM	3/26/2021 2:51:00 AM	2,4,6-Trichlorophenol	n/a	<	1.5	µg/L	EPA 8270C	1.5	5	WKL	
MO-MEI	2020/21-3	Wet	3/10/2021 10:25:00 AM	4/2/2021 1:51:00 AM	2,4-Dichlorophenol	n/a	<	1.3	µg/L	EPA 625.1	1.3	5	WKL	
MO-MEI	2020/21-3	Wet	3/10/2021 10:25:00 AM	3/26/2021 2:51:00 AM	2,4-Dichlorophenol	n/a	<	2.6	µg/L	EPA 8270C	2.6	5	WKL	
MO-MEI	2020/21-3	Wet	3/10/2021 10:25:00 AM	4/2/2021 1:51:00 AM	2,4-Dimethylphenol	n/a	<	1.5	µg/L	EPA 625.1	1.5	5	WKL	
MO-MEI	2020/21-3	Wet	3/10/2021 10:25:00 AM	3/26/2021 2:51:00 AM	2,4-Dimethylphenol	n/a	<	5	µg/L	EPA 8270C	5	10	WKL	
MO-MEI	2020/21-3	Wet	3/10/2021 10:25:00 AM	3/26/2021 2:51:00 AM	2,4-Dinitrophenol	n/a	<	5	µg/L	EPA 8270C	5	10	WKL	
MO-MEI	2020/21-3	Wet	3/10/2021 10:25:00 AM	4/2/2021 1:51:00 AM	2,4-Dinitrophenol	n/a	<	9.4	µg/L	EPA 625.1	9.4	50	WKL	
MO-MEI	2020/21-3	Wet	3/10/2021 10:25:00 AM	4/2/2021 1:51:00 AM	2,4-Dinitrotoluene	n/a	<	0.9	µg/L	EPA 625.1	0.9	5	WKL	
MO-MEI	2020/21-3	Wet	3/10/2021 10:25:00 AM	4/2/2021 1:51:00 AM	2,6-Dinitrotoluene	n/a	<	1.4	µg/L	EPA 625.1	1.4	5	WKL	
MO-MEI	2020/21-3	Wet	3/10/2021 10:25:00 AM	4/2/2021 1:51:00 AM	2-Chloronaphthalene	n/a	<	2.2	µg/L	EPA 625.1	2.2	5	WKL	
MO-MEI	2020/21-3	Wet	3/10/2021 10:25:00 AM	4/2/2021 1:51:00 AM	2-Chlorophenol	n/a	<	1.4	µg/L	EPA 625.1	1.4	5	WKL	
MO-MEI	2020/21-3	Wet	3/10/2021 10:25:00 AM	3/26/2021 2:51:00 AM	2-Chlorophenol	n/a	<	3.2	µg/L	EPA 8270C	3.2	5	WKL	
MO-MEI	2020/21-3	Wet	3/10/2021 10:25:00 AM	3/27/2021 4:11:00 AM	2-Methylnaphthalene	n/a	<	0.13	µg/L	EPA 8270C	0.13	0.5	WKL	
MO-MEI	2020/21-3	Wet	3/10/2021 10:25:00 AM	3/26/2021 2:51:00 AM	2-Methylphenol	n/a	<	1.7	µg/L	EPA 8270C	1.7	5	WKL	
MO-MEI	2020/21-3	Wet	3/10/2021 10:25:00 AM	4/2/2021 1:51:00 AM	2-Nitrophenol	n/a	<	1.3	µg/L	EPA 625.1	1.3	5	WKL	
MO-MEI	2020/21-3	Wet	3/10/2021 10:25:00 AM	3/26/2021 2:51:00 AM	2-Nitrophenol	n/a	<	3.6	µg/L	EPA 8270C	3.6	5	WKL	
MO-MEI	2020/21-3	Wet	3/10/2021 10:25:00 AM	4/2/2021 1:51:00 AM	2-Nitrophenol	n/a	<	5	µg/L	EPA 625.1	5	25	WKL	
MO-MEI	2020/21-3	Wet	3/10/2021 10:25:00 AM	3/26/2021 2:51:00 AM	3-/4-Methylphenol	n/a	<	1.5	µg/L	EPA 8270C	1.5	5	WKL	
MO-MEI	2020/21-3	Wet	3/10/2021 10:25:00 AM	4/2/2021 1:51:00 AM	4,6-Dinitro-2-methylphenol	n/a	<	7	µg/L	EPA 625.1	7	25	WKL	
MO-MEI	2020/21-3	Wet	3/10/2021 10:25:00 AM	3/26/2021 2:51:00 AM	4,6-Dinitro-2-methylphenol	n/a	<	0.7	µg/L	EPA 8270C	0.7	5	WKL	
MO-MEI	2020/21-3	Wet	3/10/2021 10:25:00 AM	4/2/2021 1:51:00 AM	4-Bromophenyl phenyl ether	n/a	<	1.8	µg/L	EPA 625.1	1.8	5	WKL	
MO-MEI	2020/21-3	Wet	3/10/2021 10:25:00 AM	3/26/2021 2:51:00 AM	4-Chloro-3-methylphenol	n/a	<	1.8	µg/L	EPA 8270C	1.8	5	WKL	
MO-MEI	2020/21-3	Wet	3/10/2021 10:25:00 AM	4/2/2021 1:51:00 AM	4-Chloro-3-methylphenol	n/a	<	1.2	µg/L	EPA 625.1	1.2	5	WKL	
MO-MEI	2020/21-3	Wet	3/10/2021 10:25:00 AM	4/2/2021 1:51:00 AM	4-Chlorophenyl phenyl ether	n/a	<	2	µg/L	EPA 625.1	2	5	WKL	
MO-MEI	2020/21-3	Wet	3/10/2021 10:25:00 AM	4/2/2021 1:51:00 AM	4-Nitrophenol	n/a	<	6.2	µg/L	EPA 625.1	6.2	25	WKL	
MO-MEI	2020/21-3	Wet	3/10/2021 10:25:00 AM	3/26/2021 2:51:00 AM	4-Nitrophenol	n/a	<	5	µg/L	EPA 8270C	5	10	WKL	

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Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-MEI	2020/21-3	Wet	3/10/2021 10:25:00 AM	4/2/2021 1:51:00 AM	Acenaphthene	n/a	<	1.9	µg/L	EPA 625.1	1.9	5	WKL	
MO-MEI	2020/21-3	Wet	3/10/2021 10:25:00 AM	3/27/2021 4:11:00 AM	Acenaphthene	n/a	<	0.14	µg/L	EPA 8270C	0.14	0.5	WKL	
MO-MEI	2020/21-3	Wet	3/10/2021 10:25:00 AM	4/2/2021 1:51:00 AM	Acenaphthylene	n/a	<	0.85	µg/L	EPA 625.1	0.85	5	WKL	
MO-MEI	2020/21-3	Wet	3/10/2021 10:25:00 AM	3/27/2021 4:11:00 AM	Acenaphthylene	n/a	<	0.16	µg/L	EPA 8270C	0.16	0.5	WKL	
MO-MEI	2020/21-3	Wet	3/10/2021 10:25:00 AM	4/2/2021 1:51:00 AM	Anthracene	n/a	<	0.6	µg/L	EPA 625.1	0.6	5	WKL	
MO-MEI	2020/21-3	Wet	3/10/2021 10:25:00 AM	3/27/2021 4:11:00 AM	Anthracene	n/a	<	0.12	µg/L	EPA 8270C	0.12	0.5	WKL	
MO-MEI	2020/21-3	Wet	3/10/2021 10:25:00 AM	3/27/2021 4:11:00 AM	Benz(a)anthracene	n/a	<	0.26	µg/L	EPA 8270C	0.26	0.5	WKL	
MO-MEI	2020/21-3	Wet	3/10/2021 10:25:00 AM	4/2/2021 1:51:00 AM	Benz(a)anthracene	n/a	<	0.95	µg/L	EPA 625.1	0.95	5	WKL	
MO-MEI	2020/21-3	Wet	3/10/2021 10:25:00 AM	4/2/2021 1:51:00 AM	Benzenidine	n/a	<	7.2	µg/L	EPA 625.1	7.2	50	WKL	
MO-MEI	2020/21-3	Wet	3/10/2021 10:25:00 AM	4/2/2021 1:51:00 AM	Benzo(a)pyrene	n/a	<	2	µg/L	EPA 625.1	2	5	WKL	
MO-MEI	2020/21-3	Wet	3/10/2021 10:25:00 AM	3/27/2021 4:11:00 AM	Benzo(a)pyrene	n/a	<	0.26	µg/L	EPA 8270C	0.26	0.5	WKL	
MO-MEI	2020/21-3	Wet	3/10/2021 10:25:00 AM	3/17/2021 5:28:00 AM	Benzo(a)pyrene	n/a	<	0.08	µg/L	EPA 525.2	0.08	0.4	WKL	
MO-MEI	2020/21-3	Wet	3/10/2021 10:25:00 AM	4/2/2021 1:51:00 AM	Benzo(b)fluoranthene	n/a	<	2.3	µg/L	EPA 625.1	2.3	5	WKL	
MO-MEI	2020/21-3	Wet	3/10/2021 10:25:00 AM	3/27/2021 4:11:00 AM	Benzo(b)fluoranthene	n/a	DNQ	0.17	µg/L	EPA 8270C	0.14	0.5	WKL	UL-IP, UL-MB
MO-MEI	2020/21-3	Wet	3/10/2021 10:25:00 AM	4/2/2021 1:51:00 AM	Benzo(g,h,i)perylene	n/a	<	2.1	µg/L	EPA 625.1	2.1	10	WKL	
MO-MEI	2020/21-3	Wet	3/10/2021 10:25:00 AM	3/27/2021 4:11:00 AM	Benzo(g,h,i)perylene	n/a	DNQ	0.29	µg/L	EPA 8270C	0.25	0.5	WKL	
MO-MEI	2020/21-3	Wet	3/10/2021 10:25:00 AM	4/2/2021 1:51:00 AM	Benzo(k)fluoranthene	n/a	<	1.1	µg/L	EPA 625.1	1.1	5	WKL	
MO-MEI	2020/21-3	Wet	3/10/2021 10:25:00 AM	3/27/2021 4:11:00 AM	Benzo(k)fluoranthene	n/a	DNQ	0.14	µg/L	EPA 8270C	0.13	0.5	WKL	UL-IP, UL-MB
MO-MEI	2020/21-3	Wet	3/10/2021 10:25:00 AM	4/2/2021 1:51:00 AM	Bis(2-chloroethoxy)methane	n/a	<	1.2	µg/L	EPA 625.1	1.2	5	WKL	
MO-MEI	2020/21-3	Wet	3/10/2021 10:25:00 AM	4/2/2021 1:51:00 AM	Bis(2-chloroethyl)ether	n/a	<	1.4	µg/L	EPA 625.1	1.4	5	WKL	
MO-MEI	2020/21-3	Wet	3/10/2021 10:25:00 AM	4/2/2021 1:51:00 AM	Bis(2-chloroisopropyl)ether	n/a	<	1.9	µg/L	EPA 625.1	1.9	5	WKL	
MO-MEI	2020/21-3	Wet	3/10/2021 10:25:00 AM	3/17/2021 5:28:00 AM	Bis(2-ethylhexyl)adipate	n/a	DNQ	2.4	µg/L	EPA 525.2	0.48	20	WKL	HB-LCSR
MO-MEI	2020/21-3	Wet	3/10/2021 10:25:00 AM	4/2/2021 1:51:00 AM	Bis(2-ethylhexyl)phthalate	n/a	<	12	µg/L	EPA 625.1	12	25	WKL	
MO-MEI	2020/21-3	Wet	3/10/2021 10:25:00 AM	3/17/2021 5:28:00 AM	Bis(2-ethylhexyl)phthalate	n/a	DNQ	2.4	µg/L	EPA 525.2	1.6	12	WKL	UL-MB
MO-MEI	2020/21-3	Wet	3/10/2021 10:25:00 AM	4/2/2021 1:51:00 AM	Butyl benzyl phthalate	n/a	DNQ	2.2	µg/L	EPA 625.1	0.9	5	WKL	
MO-MEI	2020/21-3	Wet	3/10/2021 10:25:00 AM	4/2/2021 1:51:00 AM	Chrysene	n/a	<	0.95	µg/L	EPA 625.1	0.95	5	WKL	
MO-MEI	2020/21-3	Wet	3/10/2021 10:25:00 AM	3/27/2021 4:11:00 AM	Chrysene	n/a	<	0.16	µg/L	EPA 8270C	0.16	0.5	WKL	
MO-MEI	2020/21-3	Wet	3/10/2021 10:25:00 AM	4/2/2021 1:51:00 AM	Dibenz(a,h)anthracene	n/a	<	2.6	µg/L	EPA 625.1	2.6	10	WKL	
MO-MEI	2020/21-3	Wet	3/10/2021 10:25:00 AM	3/27/2021 4:11:00 AM	Dibenz(a,h)anthracene	n/a	<	0.48	µg/L	EPA 8270C	0.48	0.5	WKL	
MO-MEI	2020/21-3	Wet	3/10/2021 10:25:00 AM	4/2/2021 1:51:00 AM	Diethyl phthalate	n/a	<	0.75	µg/L	EPA 625.1	0.75	5	WKL	
MO-MEI	2020/21-3	Wet	3/10/2021 10:25:00 AM	4/2/2021 1:51:00 AM	Dimethyl phthalate	n/a	<	0.9	µg/L	EPA 625.1	0.9	5	WKL	
MO-MEI	2020/21-3	Wet	3/10/2021 10:25:00 AM	4/2/2021 1:51:00 AM	Di-n-butylphthalate	n/a	DNQ	0.56	µg/L	EPA 625.1	0.5	5	WKL	
MO-MEI	2020/21-3	Wet	3/10/2021 10:25:00 AM	4/2/2021 1:51:00 AM	Di-n-octylphthalate	n/a	<	2.3	µg/L	EPA 625.1	2.3	5	WKL	
MO-MEI	2020/21-3	Wet	3/10/2021 10:25:00 AM	4/2/2021 1:51:00 AM	Fluoranthene	n/a	<	0.4	µg/L	EPA 625.1	0.4	5	WKL	
MO-MEI	2020/21-3	Wet	3/10/2021 10:25:00 AM	3/27/2021 4:11:00 AM	Fluoranthene	n/a	<	0.2	µg/L	EPA 8270C	0.2	0.5	WKL	
MO-MEI	2020/21-3	Wet	3/10/2021 10:25:00 AM	4/2/2021 1:51:00 AM	Fluorene	n/a	<	1.8	µg/L	EPA 625.1	1.8	5	WKL	
MO-MEI	2020/21-3	Wet	3/10/2021 10:25:00 AM	3/27/2021 4:11:00 AM	Fluorene	n/a	<	0.14	µg/L	EPA 8270C	0.14	0.5	WKL	
MO-MEI	2020/21-3	Wet	3/10/2021 10:25:00 AM	4/2/2021 1:51:00 AM	Hexachlorobenzene	n/a	<	2.4	µg/L	EPA 625.1	2.4	5	WKL	
MO-MEI	2020/21-3	Wet	3/10/2021 10:25:00 AM	4/2/2021 1:51:00 AM	Hexachlorobutadiene	n/a	<	2.4	µg/L	EPA 625.1	2.4	5	WKL	
MO-MEI	2020/21-3	Wet	3/10/2021 10:25:00 AM	4/2/2021 1:51:00 AM	Hexachlorocyclopentadiene	n/a	<	4.9	µg/L	EPA 625.1	4.9	25	WKL	
MO-MEI	2020/21-3	Wet	3/10/2021 10:25:00 AM	4/2/2021 1:51:00 AM	Hexachloroethane	n/a	<	2.5	µg/L	EPA 625.1	2.5	5	WKL	
MO-MEI	2020/21-3	Wet	3/10/2021 10:25:00 AM	4/2/2021 1:51:00 AM	Indeno(1,2,3-cd)pyrene	n/a	<	2.8	µg/L	EPA 625.1	2.8	10	WKL	
MO-MEI	2020/21-3	Wet	3/10/2021 10:25:00 AM	3/27/2021 4:11:00 AM	Indeno(1,2,3-cd)pyrene	n/a	DNQ	0.34	µg/L	EPA 8270C	0.32	0.5	WKL	
MO-MEI	2020/21-3	Wet	3/10/2021 10:25:00 AM	4/2/2021 1:51:00 AM	Isophorone	n/a	<	1	µg/L	EPA 625.1	1	5	WKL	
MO-MEI	2020/21-3	Wet	3/10/2021 10:25:00 AM	4/2/2021 1:51:00 AM	Naphthalene	n/a	<	2.4	µg/L	EPA 625.1	2.4	5	WKL	
MO-MEI	2020/21-3	Wet	3/10/2021 10:25:00 AM	3/27/2021 4:11:00 AM	Naphthalene	n/a	<	0.13	µg/L	EPA 8270C	0.13	0.5	WKL	
MO-MEI	2020/21-3	Wet	3/10/2021 10:25:00 AM	4/2/2021 1:51:00 AM	Nitrobenzene	n/a	<	1.8	µg/L	EPA 625.1	1.8	5	WKL	
MO-MEI	2020/21-3	Wet	3/10/2021 10:25:00 AM	4/2/2021 1:51:00 AM	N-Nitrosodimethylamine	n/a	<	2.5	µg/L	EPA 625.1	2.5	5	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-MEI	2020/21-3	Wet	3/10/2021 10:25:00 AM	4/2/2021 1:51:00 AM	N-Nitrosodi-N-propylamine	n/a	<	1.3	µg/L	EPA 625.1	1.3	5	WKL	
MO-MEI	2020/21-3	Wet	3/10/2021 10:25:00 AM	4/2/2021 1:51:00 AM	N-Nitrosodiphenylamine	n/a	<	0.95	µg/L	EPA 625.1	0.95	5	WKL	
MO-MEI	2020/21-3	Wet	3/10/2021 10:25:00 AM	4/2/2021 1:51:00 AM	Phenanthrene	n/a	<	1.6	µg/L	EPA 625.1	1.6	5	WKL	
MO-MEI	2020/21-3	Wet	3/10/2021 10:25:00 AM	3/27/2021 4:11:00 AM	Phenanthrene	n/a	<	0.14	µg/L	EPA 8270C	0.14	0.5	WKL	
MO-MEI	2020/21-3	Wet	3/10/2021 10:25:00 AM	4/2/2021 1:51:00 AM	Phenol	n/a	<	0.8	µg/L	EPA 625.1	0.8	5	WKL	
MO-MEI	2020/21-3	Wet	3/10/2021 10:25:00 AM	3/26/2021 2:51:00 AM	Phenol	n/a	<	1.8	µg/L	EPA 8270C	1.8	5	WKL	
MO-MEI	2020/21-3	Wet	3/10/2021 10:25:00 AM	4/2/2021 1:51:00 AM	Pyrene	n/a	<	1.2	µg/L	EPA 625.1	1.2	5	WKL	
MO-MEI	2020/21-3	Wet	3/10/2021 10:25:00 AM	3/27/2021 4:11:00 AM	Pyrene	n/a	<	0.2	µg/L	EPA 8270C	0.2	0.5	WKL	
MO-MEI	2020/21-3	Wet	3/10/2021 10:25:00 AM	4/3/2021 12:29:00 AM	PCB Aroclor 1016	n/a	<	5	µg/L	EPA 608.3	5	5	WKL	
MO-MEI	2020/21-3	Wet	3/10/2021 10:25:00 AM	4/3/2021 12:29:00 AM	PCB Aroclor 1221	n/a	<	5	µg/L	EPA 608.3	5	5	WKL	
MO-MEI	2020/21-3	Wet	3/10/2021 10:25:00 AM	4/3/2021 12:29:00 AM	PCB Aroclor 1232	n/a	<	5	µg/L	EPA 608.3	5	5	WKL	
MO-MEI	2020/21-3	Wet	3/10/2021 10:25:00 AM	4/3/2021 12:29:00 AM	PCB Aroclor 1242	n/a	<	5	µg/L	EPA 608.3	5	5	WKL	
MO-MEI	2020/21-3	Wet	3/10/2021 10:25:00 AM	4/3/2021 12:29:00 AM	PCB Aroclor 1248	n/a	<	5	µg/L	EPA 608.3	5	5	WKL	
MO-MEI	2020/21-3	Wet	3/10/2021 10:25:00 AM	4/3/2021 12:29:00 AM	PCB Aroclor 1254	n/a	<	5	µg/L	EPA 608.3	5	5	WKL	
MO-MEI	2020/21-3	Wet	3/10/2021 10:25:00 AM	4/3/2021 12:29:00 AM	PCB Aroclor 1260	n/a	<	5	µg/L	EPA 608.3	5	5	WKL	
MO-MEI	2020/21-3	Wet	3/10/2021 10:25:00 AM	3/27/2021 8:04:00 PM	2,4,5-T	n/a	<	0.28	µg/L	EPA 515.4	0.28	1	WKL	
MO-MEI	2020/21-3	Wet	3/10/2021 10:25:00 AM	3/27/2021 8:04:00 PM	2,4,5-TP	n/a	<	0.23	µg/L	EPA 515.4	0.23	1	WKL	
MO-MEI	2020/21-3	Wet	3/10/2021 10:25:00 AM	3/27/2021 8:04:00 PM	2,4-D	n/a	<	0.7	µg/L	EPA 515.4	0.7	2	WKL	
MO-MEI	2020/21-3	Wet	3/10/2021 10:25:00 AM	3/27/2021 8:04:00 PM	2,4-DB	n/a	<	0.95	µg/L	EPA 515.4	0.95	10	WKL	
MO-MEI	2020/21-3	Wet	3/10/2021 10:25:00 AM	3/27/2021 8:04:00 PM	3,5-Dichlorobenzoic acid	n/a	<	0.6	µg/L	EPA 515.4	0.6	5	WKL	
MO-MEI	2020/21-3	Wet	3/10/2021 10:25:00 AM	4/3/2021 12:29:00 AM	4,4'-DDD	n/a	<	0.007	µg/L	EPA 608.3	0.007	0.5	WKL	
MO-MEI	2020/21-3	Wet	3/10/2021 10:25:00 AM	4/3/2021 12:29:00 AM	4,4'-DDE	n/a	<	0.007	µg/L	EPA 608.3	0.007	0.5	WKL	
MO-MEI	2020/21-3	Wet	3/10/2021 10:25:00 AM	4/3/2021 12:29:00 AM	4,4'-DDT	n/a	<	0.011	µg/L	EPA 608.3	0.011	0.1	WKL	
MO-MEI	2020/21-3	Wet	3/10/2021 10:25:00 AM	3/27/2021 8:04:00 PM	Acifluorfen	n/a	<	0.36	µg/L	EPA 515.4	0.36	2	WKL	
MO-MEI	2020/21-3	Wet	3/10/2021 10:25:00 AM	3/17/2021 5:28:00 AM	Alachlor	n/a	<	0.12	µg/L	EPA 525.2	0.12	0.4	WKL	
MO-MEI	2020/21-3	Wet	3/10/2021 10:25:00 AM	4/3/2021 12:29:00 AM	Aldrin	n/a	<	0.01	µg/L	EPA 608.3	0.01	0.05	WKL	
MO-MEI	2020/21-3	Wet	3/10/2021 10:25:00 AM	4/3/2021 12:29:00 AM	alpha-BHC	n/a	<	0.011	µg/L	EPA 608.3	0.011	0.1	WKL	
MO-MEI	2020/21-3	Wet	3/10/2021 10:25:00 AM	4/3/2021 12:29:00 AM	alpha-Chlordane	n/a	<	0.029	µg/L	EPA 608.3	0.029	0.1	WKL	
MO-MEI	2020/21-3	Wet	3/10/2021 10:25:00 AM	3/17/2021 5:28:00 AM	Atrazine	n/a	<	0.12	µg/L	EPA 525.2	0.12	0.4	WKL	
MO-MEI	2020/21-3	Wet	3/10/2021 10:25:00 AM	3/18/2021 1:59:00 AM	Azinphos methyl	n/a	<	0.0055	µg/L	EPA 625.1m	0.0055	0.01	WKL	
MO-MEI	2020/21-3	Wet	3/10/2021 10:25:00 AM	3/27/2021 8:04:00 PM	Bentazon	n/a	<	1.2	µg/L	EPA 515.4	1.2	10	WKL	
MO-MEI	2020/21-3	Wet	3/10/2021 10:25:00 AM	4/3/2021 12:29:00 AM	beta-BHC	n/a	<	0.015	µg/L	EPA 608.3	0.015	0.05	WKL	
MO-MEI	2020/21-3	Wet	3/10/2021 10:25:00 AM	3/18/2021 1:59:00 AM	Bolstar	n/a	<	0.0046	µg/L	EPA 625.1m	0.0046	0.01	WKL	
MO-MEI	2020/21-3	Wet	3/10/2021 10:25:00 AM	3/17/2021 5:28:00 AM	Bromacil	n/a	<	0.64	µg/L	EPA 525.2	0.64	2	WKL	
MO-MEI	2020/21-3	Wet	3/10/2021 10:25:00 AM	3/17/2021 5:28:00 AM	Butachlor	n/a	<	0.12	µg/L	EPA 525.2	0.12	0.4	WKL	
MO-MEI	2020/21-3	Wet	3/10/2021 10:25:00 AM	3/17/2021 5:28:00 AM	Captan	n/a	<	0.64	µg/L	EPA 525.2	0.64	4	WKL	
MO-MEI	2020/21-3	Wet	3/10/2021 10:25:00 AM	4/3/2021 12:29:00 AM	Chlordane (technical)	n/a	<	0.43	µg/L	EPA 608.3	0.43	1	WKL	
MO-MEI	2020/21-3	Wet	3/10/2021 10:25:00 AM	3/17/2021 5:28:00 AM	Chlorpropham	n/a	<	0.16	µg/L	EPA 525.2	0.16	0.4	WKL	
MO-MEI	2020/21-3	Wet	3/10/2021 10:25:00 AM	3/18/2021 1:59:00 AM	Chlorpyrifos	n/a	<	0.0069	µg/L	EPA 625.1m	0.0069	0.01	WKL	
MO-MEI	2020/21-3	Wet	3/10/2021 10:25:00 AM	3/18/2021 1:59:00 AM	Coumaphos	n/a	<	0.0051	µg/L	EPA 625.1m	0.0051	0.01	WKL	
MO-MEI	2020/21-3	Wet	3/10/2021 10:25:00 AM	3/17/2021 5:28:00 AM	Cyanazine	n/a	<	0.16	µg/L	EPA 525.2	0.16	0.4	WKL	
MO-MEI	2020/21-3	Wet	3/10/2021 10:25:00 AM	3/27/2021 8:04:00 PM	Dalapon	n/a	<	0.55	µg/L	EPA 515.4	0.55	2	WKL	
MO-MEI	2020/21-3	Wet	3/10/2021 10:25:00 AM	3/27/2021 8:04:00 PM	DCPA (Dacthal)	n/a	<	0.26	µg/L	EPA 515.4	0.26	0.5	WKL	
MO-MEI	2020/21-3	Wet	3/10/2021 10:25:00 AM	4/3/2021 12:29:00 AM	delta-BHC	n/a	<	0.05	µg/L	EPA 608.3	0.05	0.05	WKL	
MO-MEI	2020/21-3	Wet	3/10/2021 10:25:00 AM	3/18/2021 1:59:00 AM	Demeton-O	n/a	<	0.01	µg/L	EPA 625.1m	0.01	0.01	WKL	
MO-MEI	2020/21-3	Wet	3/10/2021 10:25:00 AM	3/18/2021 1:59:00 AM	Demeton-S	n/a	<	0.01	µg/L	EPA 625.1m	0.01	0.01	WKL	
MO-MEI	2020/21-3	Wet	3/10/2021 10:25:00 AM	3/17/2021 5:28:00 AM	Diazinon	n/a	<	0.2	µg/L	EPA 525.2	0.2	0.4	WKL	
MO-MEI	2020/21-3	Wet	3/10/2021 10:25:00 AM	3/18/2021 1:59:00 AM	Diazinon	n/a	<	0.0052	µg/L	EPA 625.1m	0.0052	0.01	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-MEI	2020/21-3	Wet	3/10/2021 10:25:00 AM	3/27/2021 8:04:00 PM	Dicamba	n/a	<	0.38	µg/L	EPA 515.4	0.38	3	WKL	
MO-MEI	2020/21-3	Wet	3/10/2021 10:25:00 AM	3/27/2021 8:04:00 PM	Dichlorprop	n/a	<	0.6	µg/L	EPA 515.4	0.6	1.5	WKL	
MO-MEI	2020/21-3	Wet	3/10/2021 10:25:00 AM	3/18/2021 1:59:00 AM	Dichlorvos	n/a	<	0.0029	µg/L	EPA 625.1m	0.0029	0.01	WKL	
MO-MEI	2020/21-3	Wet	3/10/2021 10:25:00 AM	4/3/2021 12:29:00 AM	Dieldrin	n/a	<	0.008	µg/L	EPA 608.3	0.008	0.1	WKL	
MO-MEI	2020/21-3	Wet	3/10/2021 10:25:00 AM	3/17/2021 5:28:00 AM	Dimethoate	n/a	<	0.08	µg/L	EPA 525.2	0.08	0.8	WKL	
MO-MEI	2020/21-3	Wet	3/10/2021 10:25:00 AM	3/18/2021 1:59:00 AM	Dimethoate	n/a	<	0.0062	µg/L	EPA 625.1m	0.0062	0.01	WKL	
MO-MEI	2020/21-3	Wet	3/10/2021 10:25:00 AM	3/27/2021 8:04:00 PM	Dinoseb	n/a	<	0.28	µg/L	EPA 515.4	0.28	2	WKL	
MO-MEI	2020/21-3	Wet	3/10/2021 10:25:00 AM	3/17/2021 5:28:00 AM	Diphenamid	n/a	<	0.12	µg/L	EPA 525.2	0.12	0.4	WKL	
MO-MEI	2020/21-3	Wet	3/10/2021 10:25:00 AM	3/17/2021 5:28:00 AM	Disulfoton	n/a	<	0.16	µg/L	EPA 525.2	0.16	0.4	WKL	
MO-MEI	2020/21-3	Wet	3/10/2021 10:25:00 AM	3/18/2021 1:59:00 AM	Disulfoton	n/a	<	0.01	µg/L	EPA 625.1m	0.01	0.01	WKL	
MO-MEI	2020/21-3	Wet	3/10/2021 10:25:00 AM	4/3/2021 12:29:00 AM	Endosulfan I	n/a	<	0.009	µg/L	EPA 608.3	0.009	0.2	WKL	
MO-MEI	2020/21-3	Wet	3/10/2021 10:25:00 AM	4/3/2021 12:29:00 AM	Endosulfan II	n/a	<	0.007	µg/L	EPA 608.3	0.007	0.1	WKL	
MO-MEI	2020/21-3	Wet	3/10/2021 10:25:00 AM	4/3/2021 12:29:00 AM	Endosulfan sulfate	n/a	<	0.013	µg/L	EPA 608.3	0.013	0.5	WKL	
MO-MEI	2020/21-3	Wet	3/10/2021 10:25:00 AM	4/3/2021 12:29:00 AM	Endrin	n/a	<	0.017	µg/L	EPA 608.3	0.017	0.1	WKL	
MO-MEI	2020/21-3	Wet	3/10/2021 10:25:00 AM	4/3/2021 12:29:00 AM	Endrin aldehyde	n/a	<	0.019	µg/L	EPA 608.3	0.019	0.1	WKL	
MO-MEI	2020/21-3	Wet	3/10/2021 10:25:00 AM	3/17/2021 5:28:00 AM	EPTC	n/a	<	0.08	µg/L	EPA 525.2	0.08	0.4	WKL	
MO-MEI	2020/21-3	Wet	3/10/2021 10:25:00 AM	3/18/2021 1:59:00 AM	Ethoprop	n/a	<	0.0067	µg/L	EPA 625.1m	0.0067	0.01	WKL	
MO-MEI	2020/21-3	Wet	3/10/2021 10:25:00 AM	3/18/2021 1:59:00 AM	Ethyl parathion	n/a	<	0.0054	µg/L	EPA 625.1m	0.0054	0.01	WKL	
MO-MEI	2020/21-3	Wet	3/10/2021 10:25:00 AM	3/18/2021 1:59:00 AM	Fensulfothion	n/a	<	0.0029	µg/L	EPA 625.1m	0.0029	0.01	WKL	
MO-MEI	2020/21-3	Wet	3/10/2021 10:25:00 AM	3/18/2021 1:59:00 AM	Fenthion	n/a	<	0.0038	µg/L	EPA 625.1m	0.0038	0.01	WKL	
MO-MEI	2020/21-3	Wet	3/10/2021 10:25:00 AM	4/3/2021 12:29:00 AM	gamma-BHC (Lindane)	n/a	<	0.004	µg/L	EPA 608.3	0.004	0.2	WKL	
MO-MEI	2020/21-3	Wet	3/10/2021 10:25:00 AM	4/3/2021 12:29:00 AM	gamma-Chlordane	n/a	<	0.023	µg/L	EPA 608.3	0.023	0.1	WKL	
MO-MEI	2020/21-3	Wet	3/10/2021 10:25:00 AM	3/18/2021 3:22:00 AM	Glyphosate	n/a	=	5.5	µg/L	EPA 547	1.8	5	WKL	
MO-MEI	2020/21-3	Wet	3/10/2021 10:25:00 AM	4/3/2021 12:29:00 AM	Heptachlor	n/a	<	0.006	µg/L	EPA 608.3	0.006	0.1	WKL	
MO-MEI	2020/21-3	Wet	3/10/2021 10:25:00 AM	4/3/2021 12:29:00 AM	Heptachlor epoxide	n/a	<	0.1	µg/L	EPA 608.3	0.1	0.1	WKL	
MO-MEI	2020/21-3	Wet	3/10/2021 10:25:00 AM	3/18/2021 1:59:00 AM	Malathion	n/a	<	0.0076	µg/L	EPA 625.1m	0.0076	0.01	WKL	
MO-MEI	2020/21-3	Wet	3/10/2021 10:25:00 AM	3/18/2021 1:59:00 AM	Merphos	n/a	<	0.0058	µg/L	EPA 625.1m	0.0058	0.01	WKL	
MO-MEI	2020/21-3	Wet	3/10/2021 10:25:00 AM	3/18/2021 1:59:00 AM	Methyl parathion	n/a	<	0.0063	µg/L	EPA 625.1m	0.0063	0.01	WKL	
MO-MEI	2020/21-3	Wet	3/10/2021 10:25:00 AM	3/17/2021 5:28:00 AM	Metolachlor	n/a	<	0.12	µg/L	EPA 525.2	0.12	0.4	WKL	
MO-MEI	2020/21-3	Wet	3/10/2021 10:25:00 AM	3/17/2021 5:28:00 AM	Metribuzin	n/a	<	0.12	µg/L	EPA 525.2	0.12	0.4	WKL	
MO-MEI	2020/21-3	Wet	3/10/2021 10:25:00 AM	3/18/2021 1:59:00 AM	Mevinphos	n/a	<	0.0042	µg/L	EPA 625.1m	0.0042	0.01	WKL	
MO-MEI	2020/21-3	Wet	3/10/2021 10:25:00 AM	3/17/2021 5:28:00 AM	Molinate	n/a	<	0.12	µg/L	EPA 525.2	0.12	0.4	WKL	
MO-MEI	2020/21-3	Wet	3/10/2021 10:25:00 AM	3/18/2021 1:59:00 AM	Naled	n/a	<	0.0076	µg/L	EPA 625.1m	0.0076	0.01	WKL	
MO-MEI	2020/21-3	Wet	3/10/2021 10:25:00 AM	3/27/2021 8:04:00 PM	Pentachlorophenol	n/a	DNQ	0.46	µg/L	EPA 515.4	0.23	1	WKL	
MO-MEI	2020/21-3	Wet	3/10/2021 10:25:00 AM	3/26/2021 2:51:00 AM	Pentachlorophenol	n/a	DNQ	2	µg/L	EPA 8270C	0.75	5	WKL	
MO-MEI	2020/21-3	Wet	3/10/2021 10:25:00 AM	4/2/2021 1:51:00 AM	Pentachlorophenol	n/a	DNQ	4.4	µg/L	EPA 625.1	2	5	WKL	
MO-MEI	2020/21-3	Wet	3/10/2021 10:25:00 AM	3/18/2021 1:59:00 AM	Phorate	n/a	<	0.003	µg/L	EPA 625.1m	0.003	0.01	WKL	
MO-MEI	2020/21-3	Wet	3/10/2021 10:25:00 AM	3/27/2021 8:04:00 PM	Picloram	n/a	<	0.19	µg/L	EPA 515.4	0.19	3	WKL	
MO-MEI	2020/21-3	Wet	3/10/2021 10:25:00 AM	3/17/2021 5:28:00 AM	Prometon	n/a	<	0.04	µg/L	EPA 525.2	0.04	0.4	WKL	
MO-MEI	2020/21-3	Wet	3/10/2021 10:25:00 AM	3/17/2021 5:28:00 AM	Prometryn	n/a	<	0.12	µg/L	EPA 525.2	0.12	0.4	WKL	
MO-MEI	2020/21-3	Wet	3/10/2021 10:25:00 AM	3/18/2021 1:59:00 AM	Ronnel (Fenclorophos)	n/a	<	0.0041	µg/L	EPA 625.1m	0.0041	0.01	WKL	
MO-MEI	2020/21-3	Wet	3/10/2021 10:25:00 AM	3/17/2021 5:28:00 AM	Simazine	n/a	<	0.08	µg/L	EPA 525.2	0.08	0.4	WKL	
MO-MEI	2020/21-3	Wet	3/10/2021 10:25:00 AM	3/18/2021 1:59:00 AM	Stirophos (Tetrachlorvinphos)	n/a	<	0.0031	µg/L	EPA 625.1m	0.0031	0.01	WKL	
MO-MEI	2020/21-3	Wet	3/10/2021 10:25:00 AM	3/17/2021 5:28:00 AM	Terbacil	n/a	<	0.36	µg/L	EPA 525.2	0.36	8	WKL	
MO-MEI	2020/21-3	Wet	3/10/2021 10:25:00 AM	3/17/2021 5:28:00 AM	Thiobencarb	n/a	<	0.12	µg/L	EPA 525.2	0.12	0.4	WKL	
MO-MEI	2020/21-3	Wet	3/10/2021 10:25:00 AM	3/18/2021 1:59:00 AM	Toxathion	n/a	<	0.0078	µg/L	EPA 625.1m	0.0078	0.01	WKL	
MO-MEI	2020/21-3	Wet	3/10/2021 10:25:00 AM	4/3/2021 12:29:00 AM	Toxaphene	n/a	<	10	µg/L	EPA 608.3	10	10	WKL	
MO-MEI	2020/21-3	Wet	3/10/2021 10:25:00 AM	3/18/2021 1:59:00 AM	Trichloronate	n/a	<	0.0067	µg/L	EPA 625.1m	0.0067	0.01	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-MEI	2020/21-3	Wet	3/10/2021 10:25:00 AM	3/17/2021 5:28:00 AM	Trithion	n/a	<	0.08	µg/L	EPA 525.2	0.08	0.4	WKL	
MO-MPK	2020/21-1	Wet	12/28/2020 4:45:00 AM	12/29/2020 11:35:00 AM	E. Coli	n/a	=	933	MPN/100 mL	MMO-MUG	10	10	VCHCA	
MO-MPK	2020/21-1	Wet	12/28/2020 4:45:00 AM	12/29/2020 11:35:00 AM	Total Coliform	n/a	=	5000	MPN/100 mL	MMO-MUG	1000	1000	VCHCA	
MO-MPK	2020/21-1	Wet	12/28/2020 4:45:00 AM	12/28/2020 4:45:00 AM	Conductivity	n/a	=	173.1	µmhos/cm	Field Meter	-88	1	Field Crew	
MO-MPK	2020/21-1	Wet	12/28/2020 4:45:00 AM	1/5/2021 4:09:00 PM	Cyanide	Total	=	0.0042	mg/L	ASTM D7511	0.0003	0.002	WKL	
MO-MPK	2020/21-1	Wet	12/28/2020 4:45:00 AM	12/28/2020 4:45:00 AM	DO	n/a	=	10.13	mg/L	Field Meter	-88	0.3	Field Crew	
MO-MPK	2020/21-1	Wet	12/28/2020 4:45:00 AM	12/28/2020 4:45:00 AM	DO	n/a	=	95.8	%	Field Meter	-88	0.1	Field Crew	
MO-MPK	2020/21-1	Wet	12/28/2020 4:45:00 AM	12/28/2020 4:45:00 AM	pH	n/a	=	7.15	pH Units	Field Meter	-88	0.01	Field Crew	
MO-MPK	2020/21-1	Wet	12/28/2020 4:45:00 AM	12/28/2020 4:45:00 AM	Salinity	n/a	=	100	mg/L	Field Meter	-88	100	Field Crew	
MO-MPK	2020/21-1	Wet	12/28/2020 4:45:00 AM	12/28/2020 4:45:00 AM	Specific Conductance	n/a	=	354.4	µmhos/cm	Field Meter	-88	1	Field Crew	
MO-MPK	2020/21-1	Wet	12/28/2020 4:45:00 AM	12/28/2020 4:45:00 AM	Temperature	n/a	=	10.5	°C	Field Meter	-88	0.1	Field Crew	
MO-MPK	2020/21-1	Wet	12/28/2020 4:45:00 AM	1/3/2021 11:49:00 PM	Gasoline Range Organics	n/a	<	0.065	mg/L	LUFT GC/MS	0.065	0.1	WKL	
MO-MPK	2020/21-1	Wet	12/28/2020 4:45:00 AM	1/8/2021 6:25:00 PM	Oil and Grease	n/a	DNQ	0.7	mg/L	EPA 1664B	0.7	5	WKL	
MO-MPK	2020/21-1	Wet	12/28/2020 4:45:00 AM	12/30/2020 2:40:00 PM	2-Chloroethyl vinyl ether	n/a	<	0.19	µg/L	EPA 624.1	0.19	1	WKL	
MO-MPK	2020/21-1	Wet	12/28/2020 4:45:00 AM	12/30/2020 2:40:00 PM	Methyl tert-butyl ether (MTBE)	n/a	<	0.4	µg/L	EPA 624.1	0.4	1	WKL	
MO-MPK	2020/21-1	Wet	12/28/2020 1:10:00 PM	12/30/2020 5:09:00 AM	Chloride	n/a	=	69	mg/L	EPA 300.0	0.17	1	WKL	
MO-MPK	2020/21-1	Wet	12/28/2020 1:10:00 PM	12/30/2020 5:09:00 AM	Fluoride	n/a	=	0.2	mg/L	EPA 300.0	0.018	0.2	WKL	
MO-MPK	2020/21-1	Wet	12/28/2020 1:10:00 PM	12/31/2020 1:12:00 AM	Perchlorate	n/a	DNQ	1.7	µg/L	EPA 314.0	0.84	2	WKL	
MO-MPK	2020/21-1	Wet	12/28/2020 1:10:00 PM	1/5/2021 6:38:00 PM	Calcium	Total	=	82.2	mg/L	EPA 200.7	0.016	0.1	WKL	
MO-MPK	2020/21-1	Wet	12/28/2020 1:10:00 PM	1/5/2021 6:38:00 PM	Magnesium	Total	=	15	mg/L	EPA 200.7	0.012	0.1	WKL	
MO-MPK	2020/21-1	Wet	12/28/2020 1:10:00 PM	1/4/2021 1:21:00 PM	Alkalinity as CaCO3	n/a	=	120	mg/L	SM 2320 B	0.56	5	WKL	
MO-MPK	2020/21-1	Wet	12/28/2020 1:10:00 PM	1/3/2021 12:32:00 PM	BOD	n/a	=	63	mg/L	SM 5210 B	2	2	WKL	
MO-MPK	2020/21-1	Wet	12/28/2020 1:10:00 PM	12/30/2020 12:31:00 PM	COD	n/a	=	200	mg/L	EPA 410.4	2.9	5	WKL	
MO-MPK	2020/21-1	Wet	12/28/2020 1:10:00 PM	1/5/2021 6:38:00 PM	Hardness as CaCO3	Total	=	267	mg/L	EPA 200.7	0.0894	0.662	WKL	
MO-MPK	2020/21-1	Wet	12/28/2020 1:10:00 PM	12/29/2020 3:23:00 PM	MBAS	n/a	=	0.054	mg/L	SM 5540 C	0.017	0.05	WKL	
MO-MPK	2020/21-1	Wet	12/28/2020 1:10:00 PM	1/8/2021 11:45:00 AM	Phenolics	n/a	=	0.091	mg/L	EPA 420.4	0.0032	0.01	WKL	
MO-MPK	2020/21-1	Wet	12/28/2020 1:10:00 PM	1/5/2021 12:54:00 PM	Specific Conductance	n/a	=	810	µmhos/cm	SM 2510 B	0.23	2	WKL	
MO-MPK	2020/21-1	Wet	12/28/2020 1:10:00 PM	12/30/2020 6:44:00 PM	Total Dissolved Solids	n/a	=	580	mg/L	SM 2540 C	4	10	WKL	
MO-MPK	2020/21-1	Wet	12/28/2020 1:10:00 PM	12/30/2020 2:24:00 PM	Total Organic Carbon	n/a	=	45	mg/L	SM 5310 B	0.096	0.3	WKL	
MO-MPK	2020/21-1	Wet	12/28/2020 1:10:00 PM	12/30/2020 12:43:00 PM	Total Suspended Solids	n/a	=	2400	mg/L	SM 2540 D	-88	5	WKL	
MO-MPK	2020/21-1	Wet	12/28/2020 1:10:00 PM	12/29/2020 3:37:00 PM	Turbidity	n/a	=	31	NTU	EPA 180.1	0.017	0.1	WKL	
MO-MPK	2020/21-1	Wet	12/28/2020 1:10:00 PM	12/30/2020 12:43:00 PM	Volatile Suspended Solids	n/a	=	350	mg/L	EPA 160.4	3.1	5	WKL	
MO-MPK	2020/21-1	Wet	12/28/2020 1:10:00 PM	1/12/2021 3:15:00 PM	Diesel Range Organics	n/a	=	1	mg/L	EPA 8015B	0.032	0.1	WKL	
MO-MPK	2020/21-1	Wet	12/28/2020 1:10:00 PM	1/12/2021 3:15:00 PM	Oil Range Organics	n/a	<	0.33	mg/L	EPA 8015B	0.33	0.5	WKL	
MO-MPK	2020/21-1	Wet	12/28/2020 1:10:00 PM	1/4/2021 1:43:00 PM	Aluminum	Dissolved	=	20	µg/L	EPA 200.8	4.4	20	WKL	
MO-MPK	2020/21-1	Wet	12/28/2020 1:10:00 PM	1/4/2021 1:45:00 PM	Aluminum	Total	=	9000	µg/L	EPA 200.8	4.4	20	WKL	
MO-MPK	2020/21-1	Wet	12/28/2020 1:10:00 PM	1/4/2021 1:43:00 PM	Antimony	Dissolved	=	0.57	µg/L	EPA 200.8	0.089	0.5	WKL	
MO-MPK	2020/21-1	Wet	12/28/2020 1:10:00 PM	1/4/2021 1:45:00 PM	Antimony	Total	=	1.3	µg/L	EPA 200.8	0.089	0.5	WKL	
MO-MPK	2020/21-1	Wet	12/28/2020 1:10:00 PM	1/4/2021 1:43:00 PM	Arsenic	Dissolved	=	1.9	µg/L	EPA 200.8	0.074	0.4	WKL	
MO-MPK	2020/21-1	Wet	12/28/2020 1:10:00 PM	1/4/2021 1:45:00 PM	Arsenic	Total	=	5.3	µg/L	EPA 200.8	0.074	0.4	WKL	
MO-MPK	2020/21-1	Wet	12/28/2020 1:10:00 PM	1/4/2021 1:45:00 PM	Barium	Total	=	200	µg/L	EPA 200.8	0.14	1	WKL	
MO-MPK	2020/21-1	Wet	12/28/2020 1:10:00 PM	1/4/2021 1:43:00 PM	Beryllium	Dissolved	<	0.062	µg/L	EPA 200.8	0.062	0.1	WKL	
MO-MPK	2020/21-1	Wet	12/28/2020 1:10:00 PM	1/4/2021 1:45:00 PM	Beryllium	Total	=	0.42	µg/L	EPA 200.8	0.062	0.1	WKL	
MO-MPK	2020/21-1	Wet	12/28/2020 1:10:00 PM	1/4/2021 1:43:00 PM	Cadmium	Dissolved	DNQ	0.12	µg/L	EPA 200.8	0.042	0.2	WKL	
MO-MPK	2020/21-1	Wet	12/28/2020 1:10:00 PM	1/4/2021 1:45:00 PM	Cadmium	Total	=	0.9	µg/L	EPA 200.8	0.042	0.2	WKL	
MO-MPK	2020/21-1	Wet	12/28/2020 1:10:00 PM	1/4/2021 1:43:00 PM	Chromium	Dissolved	=	0.63	µg/L	EPA 200.8	0.089	0.2	WKL	
MO-MPK	2020/21-1	Wet	12/28/2020 1:10:00 PM	1/4/2021 1:45:00 PM	Chromium	Total	=	20	µg/L	EPA 200.8	0.089	0.2	WKL	
MO-MPK	2020/21-1	Wet	12/28/2020 1:10:00 PM	12/30/2020 5:07:00 PM	Chromium VI	n/a	=	0.41	µg/L	EPA 218.6	0.0079	0.02	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-MPK	2020/21-1	Wet	12/28/2020 1:10:00 PM	1/4/2021 1:43:00 PM	Copper	Dissolved	=	7.5	µg/L	EPA 200.8	0.23	0.5	WKL	
MO-MPK	2020/21-1	Wet	12/28/2020 1:10:00 PM	1/4/2021 1:45:00 PM	Copper	Total	=	32	µg/L	EPA 200.8	0.23	0.5	WKL	
MO-MPK	2020/21-1	Wet	12/28/2020 1:10:00 PM	1/4/2021 1:43:00 PM	Iron	Dissolved	=	40	µg/L	EPA 200.8	3.9	20	WKL	
MO-MPK	2020/21-1	Wet	12/28/2020 1:10:00 PM	1/4/2021 2:12:00 PM	Iron	Total	=	13000	µg/L	EPA 200.8	20	100	WKL	
MO-MPK	2020/21-1	Wet	12/28/2020 1:10:00 PM	1/4/2021 1:43:00 PM	Lead	Dissolved	DNQ	0.17	µg/L	EPA 200.8	0.083	0.2	WKL	
MO-MPK	2020/21-1	Wet	12/28/2020 1:10:00 PM	1/4/2021 1:45:00 PM	Lead	Total	=	13	µg/L	EPA 200.8	0.083	0.2	WKL	
MO-MPK	2020/21-1	Wet	12/28/2020 1:10:00 PM	1/7/2021 1:35:00 PM	Mercury	Dissolved	<	17	ng/L	EPA 245.1	17	50	WKL	
MO-MPK	2020/21-1	Wet	12/28/2020 1:10:00 PM	1/7/2021 1:37:00 PM	Mercury	Total	DNQ	28	ng/L	EPA 245.1	17	50	WKL	
MO-MPK	2020/21-1	Wet	12/28/2020 1:10:00 PM	1/4/2021 1:43:00 PM	Nickel	Dissolved	=	4.2	µg/L	EPA 200.8	0.16	2	WKL	
MO-MPK	2020/21-1	Wet	12/28/2020 1:10:00 PM	1/4/2021 1:45:00 PM	Nickel	Total	=	20	µg/L	EPA 200.8	0.16	2	WKL	
MO-MPK	2020/21-1	Wet	12/28/2020 1:10:00 PM	1/4/2021 1:43:00 PM	Selenium	Dissolved	=	7.4	µg/L	EPA 200.8	0.067	0.4	WKL	
MO-MPK	2020/21-1	Wet	12/28/2020 1:10:00 PM	1/4/2021 1:45:00 PM	Selenium	Total	=	7.9	µg/L	EPA 200.8	0.067	0.4	WKL	
MO-MPK	2020/21-1	Wet	12/28/2020 1:10:00 PM	1/4/2021 1:43:00 PM	Silver	Dissolved	<	0.03	µg/L	EPA 200.8	0.03	0.2	WKL	
MO-MPK	2020/21-1	Wet	12/28/2020 1:10:00 PM	1/4/2021 1:45:00 PM	Silver	Total	DNQ	0.1	µg/L	EPA 200.8	0.03	0.2	WKL	
MO-MPK	2020/21-1	Wet	12/28/2020 1:10:00 PM	1/4/2021 1:43:00 PM	Thallium	Dissolved	<	0.021	µg/L	EPA 200.8	0.021	0.2	WKL	
MO-MPK	2020/21-1	Wet	12/28/2020 1:10:00 PM	1/4/2021 1:45:00 PM	Thallium	Total	DNQ	0.14	µg/L	EPA 200.8	0.021	0.2	WKL	
MO-MPK	2020/21-1	Wet	12/28/2020 1:10:00 PM	1/4/2021 1:43:00 PM	Zinc	Dissolved	=	40	µg/L	EPA 200.8	0.8	10	WKL	
MO-MPK	2020/21-1	Wet	12/28/2020 1:10:00 PM	1/4/2021 1:45:00 PM	Zinc	Total	=	180	µg/L	EPA 200.8	0.8	10	WKL	
MO-MPK	2020/21-1	Wet	12/28/2020 1:10:00 PM	12/29/2020 6:01:00 PM	Ammonia as N	n/a	=	1.1	mg/L	EPA 350.1	0.047	0.1	WKL	
MO-MPK	2020/21-1	Wet	12/28/2020 1:10:00 PM	12/30/2020 5:23:00 PM	Nitrate + Nitrite as N	n/a	=	37	mg/L	EPA 353.2	0.18	1	WKL	
MO-MPK	2020/21-1	Wet	12/28/2020 1:10:00 PM	1/5/2021 6:35:00 PM	Phosphorus as P	Dissolved	=	0.3	mg/L	EPA 200.7	0.012	0.02	WKL	
MO-MPK	2020/21-1	Wet	12/28/2020 1:10:00 PM	1/5/2021 6:38:00 PM	Phosphorus as P	Total	=	1.5	mg/L	EPA 200.7	0.012	0.02	WKL	
MO-MPK	2020/21-1	Wet	12/28/2020 1:10:00 PM	12/31/2020 1:51:00 PM	TKN	n/a	=	6.1	mg/L	EPA 351.2	0.13	0.2	WKL	
MO-MPK	2020/21-1	Wet	12/28/2020 1:10:00 PM	2/3/2021 12:29:00 AM	1,2,4-Trichlorobenzene	n/a	<	4.9	µg/L	EPA 625.1	4.9	10	WKL	
MO-MPK	2020/21-1	Wet	12/28/2020 1:10:00 PM	2/3/2021 12:29:00 AM	1,2-Dichlorobenzene	n/a	<	4.6	µg/L	EPA 625.1	4.6	10	WKL	
MO-MPK	2020/21-1	Wet	12/28/2020 1:10:00 PM	2/3/2021 12:29:00 AM	1,2-Diphenylhydrazine	n/a	<	3	µg/L	EPA 625.1	3	10	WKL	
MO-MPK	2020/21-1	Wet	12/28/2020 1:10:00 PM	2/3/2021 12:29:00 AM	1,3-Dichlorobenzene	n/a	<	4.2	µg/L	EPA 625.1	4.2	10	WKL	
MO-MPK	2020/21-1	Wet	12/28/2020 1:10:00 PM	2/3/2021 12:29:00 AM	1,4-Dichlorobenzene	n/a	<	4.8	µg/L	EPA 625.1	4.8	10	WKL	
MO-MPK	2020/21-1	Wet	12/28/2020 1:10:00 PM	1/30/2021 11:29:00 PM	1-Methylnaphthalene	n/a	<	0.24	µg/L	EPA 8270C	0.24	1	WKL	
MO-MPK	2020/21-1	Wet	12/28/2020 1:10:00 PM	2/2/2021 4:36:00 AM	2,4,5-Trichlorophenol	n/a	<	2.9	µg/L	EPA 8270C	2.9	10	WKL	
MO-MPK	2020/21-1	Wet	12/28/2020 1:10:00 PM	2/3/2021 12:29:00 AM	2,4,6-Trichlorophenol	n/a	<	2.2	µg/L	EPA 625.1	2.2	10	WKL	
MO-MPK	2020/21-1	Wet	12/28/2020 1:10:00 PM	2/2/2021 4:36:00 AM	2,4,6-Trichlorophenol	n/a	<	3	µg/L	EPA 8270C	3	10	WKL	
MO-MPK	2020/21-1	Wet	12/28/2020 1:10:00 PM	2/3/2021 12:29:00 AM	2,4-Dichlorophenol	n/a	<	2.6	µg/L	EPA 625.1	2.6	10	WKL	
MO-MPK	2020/21-1	Wet	12/28/2020 1:10:00 PM	2/2/2021 4:36:00 AM	2,4-Dichlorophenol	n/a	<	5.1	µg/L	EPA 8270C	5.1	10	WKL	
MO-MPK	2020/21-1	Wet	12/28/2020 1:10:00 PM	2/3/2021 12:29:00 AM	2,4-Dimethylphenol	n/a	<	3	µg/L	EPA 625.1	3	10	WKL	
MO-MPK	2020/21-1	Wet	12/28/2020 1:10:00 PM	2/2/2021 4:36:00 AM	2,4-Dimethylphenol	n/a	<	10	µg/L	EPA 8270C	10	20	WKL	LB-LCSR
MO-MPK	2020/21-1	Wet	12/28/2020 1:10:00 PM	2/2/2021 4:36:00 AM	2,4-Dinitrophenol	n/a	<	10	µg/L	EPA 8270C	10	20	WKL	
MO-MPK	2020/21-1	Wet	12/28/2020 1:10:00 PM	2/3/2021 12:29:00 AM	2,4-Dinitrophenol	n/a	<	19	µg/L	EPA 625.1	19	100	WKL	
MO-MPK	2020/21-1	Wet	12/28/2020 1:10:00 PM	2/3/2021 12:29:00 AM	2,4-Dinitrotoluene	n/a	<	1.8	µg/L	EPA 625.1	1.8	10	WKL	
MO-MPK	2020/21-1	Wet	12/28/2020 1:10:00 PM	2/3/2021 12:29:00 AM	2,6-Dinitrotoluene	n/a	<	2.7	µg/L	EPA 625.1	2.7	10	WKL	
MO-MPK	2020/21-1	Wet	12/28/2020 1:10:00 PM	2/3/2021 12:29:00 AM	2-Chloronaphthalene	n/a	<	4.5	µg/L	EPA 625.1	4.5	10	WKL	
MO-MPK	2020/21-1	Wet	12/28/2020 1:10:00 PM	2/3/2021 12:29:00 AM	2-Chlorophenol	n/a	<	2.8	µg/L	EPA 625.1	2.8	10	WKL	
MO-MPK	2020/21-1	Wet	12/28/2020 1:10:00 PM	2/2/2021 4:36:00 AM	2-Chlorophenol	n/a	<	6.5	µg/L	EPA 8270C	6.5	10	WKL	
MO-MPK	2020/21-1	Wet	12/28/2020 1:10:00 PM	1/30/2021 11:29:00 PM	2-Methylnaphthalene	n/a	<	0.26	µg/L	EPA 8270C	0.26	1	WKL	
MO-MPK	2020/21-1	Wet	12/28/2020 1:10:00 PM	2/2/2021 4:36:00 AM	2-Methylphenol	n/a	<	3.4	µg/L	EPA 8270C	3.4	10	WKL	
MO-MPK	2020/21-1	Wet	12/28/2020 1:10:00 PM	2/3/2021 12:29:00 AM	2-Nitrophenol	n/a	<	2.6	µg/L	EPA 625.1	2.6	10	WKL	
MO-MPK	2020/21-1	Wet	12/28/2020 1:10:00 PM	2/2/2021 4:36:00 AM	2-Nitrophenol	n/a	<	7.1	µg/L	EPA 8270C	7.1	10	WKL	
MO-MPK	2020/21-1	Wet	12/28/2020 1:10:00 PM	2/3/2021 12:29:00 AM	3,3'-Dichlorobenzidine	n/a	<	9.9	µg/L	EPA 625.1	9.9	50	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-MPK	2020/21-1	Wet	12/28/2020 1:10:00 PM	2/2/2021 4:36:00 AM	3-4-Methylphenol	n/a	<	3	µg/L	EPA 8270C	3	10	WKL	
MO-MPK	2020/21-1	Wet	12/28/2020 1:10:00 PM	2/3/2021 12:29:00 AM	4,6-Dinitro-2-methylphenol	n/a	<	14	µg/L	EPA 625.1	14	50	WKL	
MO-MPK	2020/21-1	Wet	12/28/2020 1:10:00 PM	2/2/2021 4:36:00 AM	4,6-Dinitro-2-methylphenol	n/a	<	1.4	µg/L	EPA 8270C	1.4	10	WKL	
MO-MPK	2020/21-1	Wet	12/28/2020 1:10:00 PM	2/3/2021 12:29:00 AM	4-Bromophenyl phenyl ether	n/a	<	3.6	µg/L	EPA 625.1	3.6	10	WKL	
MO-MPK	2020/21-1	Wet	12/28/2020 1:10:00 PM	2/3/2021 12:29:00 AM	4-Chloro-3-methylphenol	n/a	<	2.3	µg/L	EPA 625.1	2.3	10	WKL	
MO-MPK	2020/21-1	Wet	12/28/2020 1:10:00 PM	2/2/2021 4:36:00 AM	4-Chloro-3-methylphenol	n/a	<	3.7	µg/L	EPA 8270C	3.7	10	WKL	
MO-MPK	2020/21-1	Wet	12/28/2020 1:10:00 PM	2/3/2021 12:29:00 AM	4-Chlorophenyl phenyl ether	n/a	<	4.1	µg/L	EPA 625.1	4.1	10	WKL	
MO-MPK	2020/21-1	Wet	12/28/2020 1:10:00 PM	2/3/2021 12:29:00 AM	4-Nitrophenol	n/a	<	12	µg/L	EPA 625.1	12	50	WKL	
MO-MPK	2020/21-1	Wet	12/28/2020 1:10:00 PM	2/2/2021 4:36:00 AM	4-Nitrophenol	n/a	<	10	µg/L	EPA 8270C	10	20	WKL	
MO-MPK	2020/21-1	Wet	12/28/2020 1:10:00 PM	2/3/2021 12:29:00 AM	Acenaphthene	n/a	<	3.8	µg/L	EPA 625.1	3.8	10	WKL	
MO-MPK	2020/21-1	Wet	12/28/2020 1:10:00 PM	1/30/2021 11:29:00 PM	Acenaphthene	n/a	<	0.28	µg/L	EPA 8270C	0.28	1	WKL	
MO-MPK	2020/21-1	Wet	12/28/2020 1:10:00 PM	2/3/2021 12:29:00 AM	Acenaphthylene	n/a	<	1.7	µg/L	EPA 625.1	1.7	10	WKL	
MO-MPK	2020/21-1	Wet	12/28/2020 1:10:00 PM	1/30/2021 11:29:00 PM	Acenaphthylene	n/a	<	0.33	µg/L	EPA 8270C	0.33	1	WKL	
MO-MPK	2020/21-1	Wet	12/28/2020 1:10:00 PM	1/30/2021 11:29:00 PM	Anthracene	n/a	<	0.25	µg/L	EPA 8270C	0.25	1	WKL	
MO-MPK	2020/21-1	Wet	12/28/2020 1:10:00 PM	2/3/2021 12:29:00 AM	Anthracene	n/a	<	1.2	µg/L	EPA 625.1	1.2	10	WKL	
MO-MPK	2020/21-1	Wet	12/28/2020 1:10:00 PM	2/3/2021 12:29:00 AM	Benz(a)anthracene	n/a	<	1.9	µg/L	EPA 625.1	1.9	10	WKL	
MO-MPK	2020/21-1	Wet	12/28/2020 1:10:00 PM	1/30/2021 11:29:00 PM	Benz(a)anthracene	n/a	<	0.51	µg/L	EPA 8270C	0.51	1	WKL	
MO-MPK	2020/21-1	Wet	12/28/2020 1:10:00 PM	2/3/2021 12:29:00 AM	Benzidine	n/a	<	14	µg/L	EPA 625.1	14	100	WKL	
MO-MPK	2020/21-1	Wet	12/28/2020 1:10:00 PM	1/22/2021 1:04:00 AM	Benzo(a)pyrene	n/a	<	0.4	µg/L	EPA 525.2	0.4	2	WKL	
MO-MPK	2020/21-1	Wet	12/28/2020 1:10:00 PM	2/3/2021 12:29:00 AM	Benzo(a)pyrene	n/a	<	3.9	µg/L	EPA 625.1	3.9	10	WKL	
MO-MPK	2020/21-1	Wet	12/28/2020 1:10:00 PM	1/30/2021 11:29:00 PM	Benzo(a)pyrene	n/a	<	0.51	µg/L	EPA 8270C	0.51	1	WKL	
MO-MPK	2020/21-1	Wet	12/28/2020 1:10:00 PM	2/3/2021 12:29:00 AM	Benzo(b)fluoranthene	n/a	<	4.6	µg/L	EPA 625.1	4.6	10	WKL	
MO-MPK	2020/21-1	Wet	12/28/2020 1:10:00 PM	1/30/2021 11:29:00 PM	Benzo(b)fluoranthene	n/a	<	0.27	µg/L	EPA 8270C	0.27	1	WKL	
MO-MPK	2020/21-1	Wet	12/28/2020 1:10:00 PM	1/30/2021 11:29:00 PM	Benzo(g,h,i)perylene	n/a	<	0.5	µg/L	EPA 8270C	0.5	1	WKL	
MO-MPK	2020/21-1	Wet	12/28/2020 1:10:00 PM	2/3/2021 12:29:00 AM	Benzo(g,h,i)perylene	n/a	<	4.2	µg/L	EPA 625.1	4.2	20	WKL	
MO-MPK	2020/21-1	Wet	12/28/2020 1:10:00 PM	2/3/2021 12:29:00 AM	Benzo(k)fluoranthene	n/a	<	2.2	µg/L	EPA 625.1	2.2	10	WKL	
MO-MPK	2020/21-1	Wet	12/28/2020 1:10:00 PM	1/30/2021 11:29:00 PM	Benzo(k)fluoranthene	n/a	<	0.26	µg/L	EPA 8270C	0.26	1	WKL	
MO-MPK	2020/21-1	Wet	12/28/2020 1:10:00 PM	2/3/2021 12:29:00 AM	Bis(2-chloroethoxy)methane	n/a	<	2.5	µg/L	EPA 625.1	2.5	10	WKL	
MO-MPK	2020/21-1	Wet	12/28/2020 1:10:00 PM	2/3/2021 12:29:00 AM	Bis(2-chloroethyl)ether	n/a	<	2.7	µg/L	EPA 625.1	2.7	10	WKL	
MO-MPK	2020/21-1	Wet	12/28/2020 1:10:00 PM	2/3/2021 12:29:00 AM	Bis(2-chloroisopropyl)ether	n/a	<	3.8	µg/L	EPA 625.1	3.8	10	WKL	
MO-MPK	2020/21-1	Wet	12/28/2020 1:10:00 PM	1/22/2021 1:04:00 AM	Bis(2-ethylhexyl)adipate	n/a	<	2.4	µg/L	EPA 525.2	2.4	100	WKL	
MO-MPK	2020/21-1	Wet	12/28/2020 1:10:00 PM	1/22/2021 1:04:00 AM	Bis(2-ethylhexyl)phthalate	n/a	<	8.2	µg/L	EPA 525.2	8.2	60	WKL	
MO-MPK	2020/21-1	Wet	12/28/2020 1:10:00 PM	2/3/2021 12:29:00 AM	Bis(2-ethylhexyl)phthalate	n/a	<	23	µg/L	EPA 625.1	23	50	WKL	
MO-MPK	2020/21-1	Wet	12/28/2020 1:10:00 PM	2/3/2021 12:29:00 AM	Butyl nonyl phthalate	n/a	DNQ	4.2	µg/L	EPA 625.1	1.8	10	WKL	
MO-MPK	2020/21-1	Wet	12/28/2020 1:10:00 PM	2/3/2021 12:29:00 AM	Chrysene	n/a	<	1.9	µg/L	EPA 625.1	1.9	10	WKL	
MO-MPK	2020/21-1	Wet	12/28/2020 1:10:00 PM	1/30/2021 11:29:00 PM	Chrysene	n/a	<	0.32	µg/L	EPA 8270C	0.32	1	WKL	
MO-MPK	2020/21-1	Wet	12/28/2020 1:10:00 PM	1/30/2021 11:29:00 PM	Dibenz(a,h)anthracene	n/a	<	0.96	µg/L	EPA 8270C	0.96	1	WKL	
MO-MPK	2020/21-1	Wet	12/28/2020 1:10:00 PM	2/3/2021 12:29:00 AM	Dibenz(a,h)anthracene	n/a	<	5.3	µg/L	EPA 625.1	5.3	20	WKL	
MO-MPK	2020/21-1	Wet	12/28/2020 1:10:00 PM	2/3/2021 12:29:00 AM	Diethyl phthalate	n/a	<	1.5	µg/L	EPA 625.1	1.5	10	WKL	
MO-MPK	2020/21-1	Wet	12/28/2020 1:10:00 PM	2/3/2021 12:29:00 AM	Dimethyl phthalate	n/a	<	1.8	µg/L	EPA 625.1	1.8	10	WKL	
MO-MPK	2020/21-1	Wet	12/28/2020 1:10:00 PM	2/3/2021 12:29:00 AM	Di-n-butylphthalate	n/a	<	1	µg/L	EPA 625.1	1	10	WKL	
MO-MPK	2020/21-1	Wet	12/28/2020 1:10:00 PM	2/3/2021 12:29:00 AM	Di-n-octylphthalate	n/a	<	4.6	µg/L	EPA 625.1	4.6	10	WKL	
MO-MPK	2020/21-1	Wet	12/28/2020 1:10:00 PM	2/3/2021 12:29:00 AM	Fluoranthene	n/a	<	0.8	µg/L	EPA 625.1	0.8	10	WKL	
MO-MPK	2020/21-1	Wet	12/28/2020 1:10:00 PM	1/30/2021 11:29:00 PM	Fluoranthene	n/a	<	0.39	µg/L	EPA 8270C	0.39	1	WKL	
MO-MPK	2020/21-1	Wet	12/28/2020 1:10:00 PM	2/3/2021 12:29:00 AM	Fluorene	n/a	<	3.5	µg/L	EPA 625.1	3.5	10	WKL	
MO-MPK	2020/21-1	Wet	12/28/2020 1:10:00 PM	1/30/2021 11:29:00 PM	Fluorene	n/a	<	0.29	µg/L	EPA 8270C	0.29	1	WKL	
MO-MPK	2020/21-1	Wet	12/28/2020 1:10:00 PM	2/3/2021 12:29:00 AM	Hexachlorobenzene	n/a	<	4.9	µg/L	EPA 625.1	4.9	10	WKL	
MO-MPK	2020/21-1	Wet	12/28/2020 1:10:00 PM	2/3/2021 12:29:00 AM	Hexachlorobutadiene	n/a	<	4.7	µg/L	EPA 625.1	4.7	10	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-MPK	2020/21-1	Wet	12/28/2020 1:10:00 PM	2/3/2021 12:29:00 AM	Hexachlorocyclopentadiene	n/a	<	9.8	µg/L	EPA 625.1	9.8	50	WKL	
MO-MPK	2020/21-1	Wet	12/28/2020 1:10:00 PM	2/3/2021 12:29:00 AM	Hexachloroethane	n/a	<	5	µg/L	EPA 625.1	5	10	WKL	
MO-MPK	2020/21-1	Wet	12/28/2020 1:10:00 PM	2/3/2021 12:29:00 AM	Indeno(1,2,3-cd)pyrene	n/a	<	5.5	µg/L	EPA 625.1	5.5	20	WKL	
MO-MPK	2020/21-1	Wet	12/28/2020 1:10:00 PM	1/30/2021 11:29:00 PM	Indeno(1,2,3-cd)pyrene	n/a	<	0.65	µg/L	EPA 8270C	0.65	1	WKL	
MO-MPK	2020/21-1	Wet	12/28/2020 1:10:00 PM	2/3/2021 12:29:00 AM	Isophorone	n/a	<	2.1	µg/L	EPA 625.1	2.1	10	WKL	
MO-MPK	2020/21-1	Wet	12/28/2020 1:10:00 PM	2/3/2021 12:29:00 AM	Naphthalene	n/a	<	4.9	µg/L	EPA 625.1	4.9	10	WKL	
MO-MPK	2020/21-1	Wet	12/28/2020 1:10:00 PM	1/30/2021 11:29:00 PM	Naphthalene	n/a	<	0.26	µg/L	EPA 8270C	0.26	1	WKL	
MO-MPK	2020/21-1	Wet	12/28/2020 1:10:00 PM	2/3/2021 12:29:00 AM	Nitrobenzene	n/a	<	3.6	µg/L	EPA 625.1	3.6	10	WKL	
MO-MPK	2020/21-1	Wet	12/28/2020 1:10:00 PM	2/3/2021 12:29:00 AM	N-Nitrosodimethylamine	n/a	<	5	µg/L	EPA 625.1	5	10	WKL	
MO-MPK	2020/21-1	Wet	12/28/2020 1:10:00 PM	2/3/2021 12:29:00 AM	N-Nitrosodi-N-propylamine	n/a	<	2.6	µg/L	EPA 625.1	2.6	10	WKL	
MO-MPK	2020/21-1	Wet	12/28/2020 1:10:00 PM	2/3/2021 12:29:00 AM	N-Nitrosodiphenylamine	n/a	<	1.9	µg/L	EPA 625.1	1.9	10	WKL	
MO-MPK	2020/21-1	Wet	12/28/2020 1:10:00 PM	1/30/2021 11:29:00 PM	Phenanthrene	n/a	<	0.29	µg/L	EPA 8270C	0.29	1	WKL	
MO-MPK	2020/21-1	Wet	12/28/2020 1:10:00 PM	2/3/2021 12:29:00 AM	Phenanthrene	n/a	<	3.2	µg/L	EPA 625.1	3.2	10	WKL	
MO-MPK	2020/21-1	Wet	12/28/2020 1:10:00 PM	2/3/2021 12:29:00 AM	Phenol	n/a	<	1.6	µg/L	EPA 625.1	1.6	10	WKL	
MO-MPK	2020/21-1	Wet	12/28/2020 1:10:00 PM	2/2/2021 4:36:00 AM	Phenol	n/a	<	3.5	µg/L	EPA 8270C	3.5	10	WKL	
MO-MPK	2020/21-1	Wet	12/28/2020 1:10:00 PM	2/3/2021 12:29:00 AM	Pyrene	n/a	<	2.5	µg/L	EPA 625.1	2.5	10	WKL	
MO-MPK	2020/21-1	Wet	12/28/2020 1:10:00 PM	1/30/2021 11:29:00 PM	Pyrene	n/a	<	0.4	µg/L	EPA 8270C	0.4	1	WKL	
MO-MPK	2020/21-1	Wet	12/28/2020 1:10:00 PM	1/14/2021 4:21:00 AM	PCB Aroclor 1016	n/a	<	10	µg/L	EPA 608.3	10	10	WKL	
MO-MPK	2020/21-1	Wet	12/28/2020 1:10:00 PM	1/14/2021 4:21:00 AM	PCB Aroclor 1221	n/a	<	10	µg/L	EPA 608.3	10	10	WKL	
MO-MPK	2020/21-1	Wet	12/28/2020 1:10:00 PM	1/14/2021 4:21:00 AM	PCB Aroclor 1232	n/a	<	10	µg/L	EPA 608.3	10	10	WKL	
MO-MPK	2020/21-1	Wet	12/28/2020 1:10:00 PM	1/14/2021 4:21:00 AM	PCB Aroclor 1242	n/a	<	10	µg/L	EPA 608.3	10	10	WKL	
MO-MPK	2020/21-1	Wet	12/28/2020 1:10:00 PM	1/14/2021 4:21:00 AM	PCB Aroclor 1248	n/a	<	10	µg/L	EPA 608.3	10	10	WKL	
MO-MPK	2020/21-1	Wet	12/28/2020 1:10:00 PM	1/14/2021 4:21:00 AM	PCB Aroclor 1254	n/a	<	10	µg/L	EPA 608.3	10	10	WKL	
MO-MPK	2020/21-1	Wet	12/28/2020 1:10:00 PM	1/14/2021 4:21:00 AM	PCB Aroclor 1260	n/a	<	10	µg/L	EPA 608.3	10	10	WKL	
MO-MPK	2020/21-1	Wet	12/28/2020 1:10:00 PM	1/10/2021 8:27:00 AM	2,4,5-T	n/a	<	0.55	µg/L	EPA 515.4	0.55	2	WKL	
MO-MPK	2020/21-1	Wet	12/28/2020 1:10:00 PM	1/10/2021 8:27:00 AM	2,4,5-TP	n/a	<	0.46	µg/L	EPA 515.4	0.46	2	WKL	
MO-MPK	2020/21-1	Wet	12/28/2020 1:10:00 PM	1/10/2021 8:27:00 AM	2,4-D	n/a	<	1.4	µg/L	EPA 515.4	1.4	4	WKL	
MO-MPK	2020/21-1	Wet	12/28/2020 1:10:00 PM	1/10/2021 8:27:00 AM	2,4-DB	n/a	<	1.9	µg/L	EPA 515.4	1.9	20	WKL	
MO-MPK	2020/21-1	Wet	12/28/2020 1:10:00 PM	1/10/2021 8:27:00 AM	3,5-Dichlorobenzoic acid	n/a	<	1.2	µg/L	EPA 515.4	1.2	10	WKL	
MO-MPK	2020/21-1	Wet	12/28/2020 1:10:00 PM	1/14/2021 4:21:00 AM	4,4'-DDD	n/a	<	0.014	µg/L	EPA 608.3	0.014	1	WKL	
MO-MPK	2020/21-1	Wet	12/28/2020 1:10:00 PM	1/14/2021 4:21:00 AM	4,4'-DDE	n/a	DNQ	0.049	µg/L	EPA 608.3	0.014	1	WKL	
MO-MPK	2020/21-1	Wet	12/28/2020 1:10:00 PM	1/14/2021 4:21:00 AM	4,4'-DDT	n/a	<	0.022	µg/L	EPA 608.3	0.022	0.2	WKL	
MO-MPK	2020/21-1	Wet	12/28/2020 1:10:00 PM	1/10/2021 8:27:00 AM	Acifluorfen	n/a	<	0.72	µg/L	EPA 515.4	0.72	4	WKL	
MO-MPK	2020/21-1	Wet	12/28/2020 1:10:00 PM	1/22/2021 1:04:00 AM	Alachlor	n/a	<	0.6	µg/L	EPA 525.2	0.6	2	WKL	
MO-MPK	2020/21-1	Wet	12/28/2020 1:10:00 PM	1/14/2021 4:21:00 AM	Aldrin	n/a	<	0.02	µg/L	EPA 608.3	0.02	0.1	WKL	
MO-MPK	2020/21-1	Wet	12/28/2020 1:10:00 PM	1/14/2021 4:21:00 AM	alpha-BHC	n/a	<	0.022	µg/L	EPA 608.3	0.022	0.2	WKL	
MO-MPK	2020/21-1	Wet	12/28/2020 1:10:00 PM	1/14/2021 4:21:00 AM	alpha-Chlordane	n/a	<	0.058	µg/L	EPA 608.3	0.058	0.2	WKL	
MO-MPK	2020/21-1	Wet	12/28/2020 1:10:00 PM	1/22/2021 1:04:00 AM	Atrazine	n/a	<	0.6	µg/L	EPA 525.2	0.6	2	WKL	
MO-MPK	2020/21-1	Wet	12/28/2020 1:10:00 PM	1/20/2021 9:22:00 AM	Azinphos methyl	n/a	<	0.28	µg/L	EPA 625.1m	0.28	0.5	WKL	
MO-MPK	2020/21-1	Wet	12/28/2020 1:10:00 PM	1/10/2021 8:27:00 AM	Bentazon	n/a	<	2.3	µg/L	EPA 515.4	2.3	20	WKL	
MO-MPK	2020/21-1	Wet	12/28/2020 1:10:00 PM	1/14/2021 4:21:00 AM	beta-BHC	n/a	<	0.03	µg/L	EPA 608.3	0.03	0.1	WKL	
MO-MPK	2020/21-1	Wet	12/28/2020 1:10:00 PM	1/20/2021 9:22:00 AM	Bolstar	n/a	<	0.23	µg/L	EPA 625.1m	0.23	0.5	WKL	
MO-MPK	2020/21-1	Wet	12/28/2020 1:10:00 PM	1/22/2021 1:04:00 AM	Bromacil	n/a	<	3.2	µg/L	EPA 525.2	3.2	10	WKL	
MO-MPK	2020/21-1	Wet	12/28/2020 1:10:00 PM	1/22/2021 1:04:00 AM	Butachlor	n/a	<	0.6	µg/L	EPA 525.2	0.6	2	WKL	
MO-MPK	2020/21-1	Wet	12/28/2020 1:10:00 PM	1/22/2021 1:04:00 AM	Captan	n/a	<	3.2	µg/L	EPA 525.2	3.2	20	WKL	
MO-MPK	2020/21-1	Wet	12/28/2020 1:10:00 PM	1/14/2021 4:21:00 AM	Chlordane (technical)	n/a	<	2	µg/L	EPA 608.3	2	2	WKL	
MO-MPK	2020/21-1	Wet	12/28/2020 1:10:00 PM	1/22/2021 1:04:00 AM	Chlorpropham	n/a	<	0.8	µg/L	EPA 525.2	0.8	2	WKL	
MO-MPK	2020/21-1	Wet	12/28/2020 1:10:00 PM	1/20/2021 9:22:00 AM	Chlorpyrifos	n/a	<	0.34	µg/L	EPA 625.1m	0.34	0.5	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-MPK	2020/21-1	Wet	12/28/2020 1:10:00 PM	1/20/2021 9:22:00 AM	Coumaphos	n/a	<	0.26	µg/L	EPA 625.1m	0.26	0.5	WKL	
MO-MPK	2020/21-1	Wet	12/28/2020 1:10:00 PM	1/22/2021 1:04:00 AM	Cyanazine	n/a	<	0.8	µg/L	EPA 525.2	0.8	2	WKL	
MO-MPK	2020/21-1	Wet	12/28/2020 1:10:00 PM	1/10/2021 8:27:00 AM	Dalapon	n/a	<	1.1	µg/L	EPA 515.4	1.1	4	WKL	
MO-MPK	2020/21-1	Wet	12/28/2020 1:10:00 PM	1/8/2021 7:45:00 AM	DCPA (Dacthal)	n/a	=	1.4	µg/L	EPA 515.4	0.053	0.1	WKL	
MO-MPK	2020/21-1	Wet	12/28/2020 1:10:00 PM	1/14/2021 4:21:00 AM	delta-BHC	n/a	<	0.1	µg/L	EPA 608.3	0.1	0.1	WKL	
MO-MPK	2020/21-1	Wet	12/28/2020 1:10:00 PM	1/20/2021 9:22:00 AM	Demeton-O	n/a	<	0.5	µg/L	EPA 625.1m	0.5	0.5	WKL	-LCSRPD, LB-L
MO-MPK	2020/21-1	Wet	12/28/2020 1:10:00 PM	1/20/2021 9:22:00 AM	Demeton-S	n/a	<	0.5	µg/L	EPA 625.1m	0.5	0.5	WKL	
MO-MPK	2020/21-1	Wet	12/28/2020 1:10:00 PM	1/22/2021 1:04:00 AM	Diazinon	n/a	<	1	µg/L	EPA 525.2	1	2	WKL	
MO-MPK	2020/21-1	Wet	12/28/2020 1:10:00 PM	1/20/2021 9:22:00 AM	Diazinon	n/a	<	0.26	µg/L	EPA 625.1m	0.26	0.5	WKL	EST-LCSRPD
MO-MPK	2020/21-1	Wet	12/28/2020 1:10:00 PM	1/10/2021 8:27:00 AM	Dicamba	n/a	<	0.75	µg/L	EPA 515.4	0.75	6	WKL	
MO-MPK	2020/21-1	Wet	12/28/2020 1:10:00 PM	1/10/2021 8:27:00 AM	Dichlorprop	n/a	<	1.2	µg/L	EPA 515.4	1.2	3	WKL	
MO-MPK	2020/21-1	Wet	12/28/2020 1:10:00 PM	1/20/2021 9:22:00 AM	Dichlorvos	n/a	<	0.14	µg/L	EPA 625.1m	0.14	0.5	WKL	
MO-MPK	2020/21-1	Wet	12/28/2020 1:10:00 PM	1/14/2021 4:21:00 AM	Dieldrin	n/a	<	0.016	µg/L	EPA 608.3	0.016	0.2	WKL	
MO-MPK	2020/21-1	Wet	12/28/2020 1:10:00 PM	1/22/2021 1:04:00 AM	Dimethoate	n/a	<	0.4	µg/L	EPA 525.2	0.4	4	WKL	
MO-MPK	2020/21-1	Wet	12/28/2020 1:10:00 PM	1/20/2021 9:22:00 AM	Dimethoate	n/a	<	0.31	µg/L	EPA 625.1m	0.31	0.5	WKL	
MO-MPK	2020/21-1	Wet	12/28/2020 1:10:00 PM	1/10/2021 8:27:00 AM	Dinoseb	n/a	<	0.55	µg/L	EPA 515.4	0.55	4	WKL	
MO-MPK	2020/21-1	Wet	12/28/2020 1:10:00 PM	1/22/2021 1:04:00 AM	Diphenamid	n/a	<	0.6	µg/L	EPA 525.2	0.6	2	WKL	
MO-MPK	2020/21-1	Wet	12/28/2020 1:10:00 PM	1/20/2021 9:22:00 AM	Disulfoton	n/a	<	0.5	µg/L	EPA 625.1m	0.5	0.5	WKL	
MO-MPK	2020/21-1	Wet	12/28/2020 1:10:00 PM	1/22/2021 1:04:00 AM	Disulfoton	n/a	<	0.8	µg/L	EPA 525.2	0.8	2	WKL	
MO-MPK	2020/21-1	Wet	12/28/2020 1:10:00 PM	1/14/2021 4:21:00 AM	Endosulfan I	n/a	<	0.018	µg/L	EPA 608.3	0.018	0.4	WKL	
MO-MPK	2020/21-1	Wet	12/28/2020 1:10:00 PM	1/14/2021 4:21:00 AM	Endosulfan II	n/a	<	0.014	µg/L	EPA 608.3	0.014	0.2	WKL	
MO-MPK	2020/21-1	Wet	12/28/2020 1:10:00 PM	1/14/2021 4:21:00 AM	Endosulfan sulfate	n/a	<	0.026	µg/L	EPA 608.3	0.026	1	WKL	
MO-MPK	2020/21-1	Wet	12/28/2020 1:10:00 PM	1/14/2021 4:21:00 AM	Endrin	n/a	<	0.1	µg/L	EPA 608.3	0.1	0.2	WKL	
MO-MPK	2020/21-1	Wet	12/28/2020 1:10:00 PM	1/14/2021 4:21:00 AM	Endrin aldehyde	n/a	<	0.038	µg/L	EPA 608.3	0.038	0.2	WKL	
MO-MPK	2020/21-1	Wet	12/28/2020 1:10:00 PM	1/22/2021 1:04:00 AM	EPTC	n/a	<	0.4	µg/L	EPA 525.2	0.4	2	WKL	
MO-MPK	2020/21-1	Wet	12/28/2020 1:10:00 PM	1/20/2021 9:22:00 AM	Ethoprop	n/a	<	0.34	µg/L	EPA 625.1m	0.34	0.5	WKL	
MO-MPK	2020/21-1	Wet	12/28/2020 1:10:00 PM	1/20/2021 9:22:00 AM	Ethyl parathion	n/a	<	0.27	µg/L	EPA 625.1m	0.27	0.5	WKL	EST-LCSRPD
MO-MPK	2020/21-1	Wet	12/28/2020 1:10:00 PM	1/20/2021 9:22:00 AM	Fensulfthion	n/a	<	0.14	µg/L	EPA 625.1m	0.14	0.5	WKL	
MO-MPK	2020/21-1	Wet	12/28/2020 1:10:00 PM	1/20/2021 9:22:00 AM	Fenthion	n/a	<	0.19	µg/L	EPA 625.1m	0.19	0.5	WKL	
MO-MPK	2020/21-1	Wet	12/28/2020 1:10:00 PM	1/14/2021 4:21:00 AM	gamma-BHC (Lindane)	n/a	<	0.1	µg/L	EPA 608.3	0.1	0.4	WKL	
MO-MPK	2020/21-1	Wet	12/28/2020 1:10:00 PM	1/14/2021 4:21:00 AM	gamma-Chlordane	n/a	<	0.046	µg/L	EPA 608.3	0.046	0.2	WKL	
MO-MPK	2020/21-1	Wet	12/28/2020 1:10:00 PM	12/30/2020 4:00:00 AM	Glyphosate	n/a	DNQ	17	µg/L	EPA 547	9	25	WKL	
MO-MPK	2020/21-1	Wet	12/28/2020 1:10:00 PM	1/14/2021 4:21:00 AM	Heptachlor	n/a	<	0.012	µg/L	EPA 608.3	0.012	0.2	WKL	
MO-MPK	2020/21-1	Wet	12/28/2020 1:10:00 PM	1/14/2021 4:21:00 AM	Heptachlor epoxide	n/a	<	0.1	µg/L	EPA 608.3	0.1	0.2	WKL	
MO-MPK	2020/21-1	Wet	12/28/2020 1:10:00 PM	1/20/2021 9:22:00 AM	Malathion	n/a	<	0.38	µg/L	EPA 625.1m	0.38	0.5	WKL	
MO-MPK	2020/21-1	Wet	12/28/2020 1:10:00 PM	1/20/2021 9:22:00 AM	Merphos	n/a	<	0.29	µg/L	EPA 625.1m	0.29	0.5	WKL	
MO-MPK	2020/21-1	Wet	12/28/2020 1:10:00 PM	1/20/2021 9:22:00 AM	Methyl parathion	n/a	<	0.32	µg/L	EPA 625.1m	0.32	0.5	WKL	
MO-MPK	2020/21-1	Wet	12/28/2020 1:10:00 PM	1/22/2021 1:04:00 AM	Metolachlor	n/a	<	0.6	µg/L	EPA 525.2	0.6	2	WKL	
MO-MPK	2020/21-1	Wet	12/28/2020 1:10:00 PM	1/22/2021 1:04:00 AM	Metribuzin	n/a	<	0.6	µg/L	EPA 525.2	0.6	2	WKL	
MO-MPK	2020/21-1	Wet	12/28/2020 1:10:00 PM	1/20/2021 9:22:00 AM	Mevinphos	n/a	<	0.21	µg/L	EPA 625.1m	0.21	0.5	WKL	
MO-MPK	2020/21-1	Wet	12/28/2020 1:10:00 PM	1/22/2021 1:04:00 AM	Molinate	n/a	<	0.6	µg/L	EPA 525.2	0.6	2	WKL	
MO-MPK	2020/21-1	Wet	12/28/2020 1:10:00 PM	1/20/2021 9:22:00 AM	Naled	n/a	<	0.38	µg/L	EPA 625.1m	0.38	0.5	WKL	
MO-MPK	2020/21-1	Wet	12/28/2020 1:10:00 PM	1/8/2021 7:45:00 AM	Pentachlorophenol	n/a	=	2.6	µg/L	EPA 515.4	0.046	0.2	WKL	
MO-MPK	2020/21-1	Wet	12/28/2020 1:10:00 PM	2/3/2021 12:29:00 AM	Pentachlorophenol	n/a	DNQ	7.8	µg/L	EPA 625.1	4	10	WKL	
MO-MPK	2020/21-1	Wet	12/28/2020 1:10:00 PM	2/2/2021 4:36:00 AM	Pentachlorophenol	n/a	DNQ	5.9	µg/L	EPA 8270C	1.5	10	WKL	
MO-MPK	2020/21-1	Wet	12/28/2020 1:10:00 PM	1/20/2021 9:22:00 AM	Phorate	n/a	<	0.15	µg/L	EPA 625.1m	0.15	0.5	WKL	
MO-MPK	2020/21-1	Wet	12/28/2020 1:10:00 PM	1/10/2021 8:27:00 AM	Picloram	n/a	<	0.38	µg/L	EPA 515.4	0.38	6	WKL	
MO-MPK	2020/21-1	Wet	12/28/2020 1:10:00 PM	1/22/2021 1:04:00 AM	Prometon	n/a	<	0.2	µg/L	EPA 525.2	0.2	2	WKL	EST-LCSRPD

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-MPK	2020/21-1	Wet	12/28/2020 1:10:00 PM	1/22/2021 1:04:00 AM	Prometryn	n/a	<	0.6	µg/L	EPA 525.2	0.6	2	WKL	EST-LCSRPD
MO-MPK	2020/21-1	Wet	12/28/2020 1:10:00 PM	1/20/2021 9:22:00 AM	Ronnel (Fenchlorphos)	n/a	<	0.2	µg/L	EPA 625.1m	0.2	0.5	WKL	
MO-MPK	2020/21-1	Wet	12/28/2020 1:10:00 PM	1/22/2021 1:04:00 AM	Simazine	n/a	<	0.4	µg/L	EPA 525.2	0.4	2	WKL	
MO-MPK	2020/21-1	Wet	12/28/2020 1:10:00 PM	1/20/2021 9:22:00 AM	Stirophos (Tetrachlorvinphos)	n/a	<	0.16	µg/L	EPA 625.1m	0.16	0.5	WKL	
MO-MPK	2020/21-1	Wet	12/28/2020 1:10:00 PM	1/22/2021 1:04:00 AM	Terbacil	n/a	<	1.8	µg/L	EPA 525.2	1.8	40	WKL	EST-LCSRPD
MO-MPK	2020/21-1	Wet	12/28/2020 1:10:00 PM	1/22/2021 1:04:00 AM	Thiobencarb	n/a	<	0.6	µg/L	EPA 525.2	0.6	2	WKL	
MO-MPK	2020/21-1	Wet	12/28/2020 1:10:00 PM	1/20/2021 9:22:00 AM	Tokuthion	n/a	<	0.39	µg/L	EPA 625.1m	0.39	0.5	WKL	
MO-MPK	2020/21-1	Wet	12/28/2020 1:10:00 PM	1/14/2021 4:21:00 AM	Toxaphene	n/a	<	50	µg/L	EPA 608.3	50	50	WKL	
MO-MPK	2020/21-1	Wet	12/28/2020 1:10:00 PM	1/20/2021 9:22:00 AM	Trichloronate	n/a	<	0.34	µg/L	EPA 625.1m	0.34	0.5	WKL	
MO-MPK	2020/21-1	Wet	12/28/2020 1:10:00 PM	1/22/2021 1:04:00 AM	Trithion	n/a	<	0.4	µg/L	EPA 525.2	0.4	2	WKL	
MO-MPK	2020/21-2	Wet	1/28/2021 8:00:00 PM	1/28/2021 8:00:00 PM	Conductivity	n/a	=	272	µmhos/cm	Field Meter	-88	1	Field Crew	
MO-MPK	2020/21-2	Wet	1/28/2021 8:00:00 PM	2/9/2021 5:27:00 PM	Cyanide	Total	DNQ	0.0017	mg/L	ASTM D7511	0.0003	0.002	WKL	
MO-MPK	2020/21-2	Wet	1/28/2021 8:00:00 PM	1/28/2021 8:00:00 PM	DO	n/a	=	9.78	mg/L	Field Meter	-88	0.3	Field Crew	
MO-MPK	2020/21-2	Wet	1/28/2021 8:00:00 PM	1/28/2021 8:00:00 PM	DO	n/a	=	89.2	%	Field Meter	-88	0.1	Field Crew	
MO-MPK	2020/21-2	Wet	1/28/2021 8:00:00 PM	1/28/2021 8:00:00 PM	pH	n/a	=	7.65	pH Units	Field Meter	-88	0.01	Field Crew	
MO-MPK	2020/21-2	Wet	1/28/2021 8:00:00 PM	1/28/2021 8:00:00 PM	Salinity	n/a	=	200	mg/L	Field Meter	-88	100	Field Crew	
MO-MPK	2020/21-2	Wet	1/28/2021 8:00:00 PM	1/28/2021 8:00:00 PM	Specific Conductance	n/a	=	373.1	µmhos/cm	Field Meter	-88	1	Field Crew	
MO-MPK	2020/21-2	Wet	1/28/2021 8:00:00 PM	1/28/2021 8:00:00 PM	Temperature	n/a	=	11.1	°C	Field Meter	-88	0.1	Field Crew	
MO-MPK	2020/21-2	Wet	1/28/2021 8:00:00 PM	2/1/2021 12:33:00 PM	Gasoline Range Organics	n/a	<	0.065	mg/L	LUFT GC/MS	0.065	0.1	WKL	
MO-MPK	2020/21-2	Wet	1/28/2021 8:00:00 PM	2/16/2021 4:34:00 PM	Oil and Grease	n/a	DNQ	1.8	mg/L	EPA 1664B	0.7	5	WKL	
MO-MPK	2020/21-2	Wet	1/28/2021 8:00:00 PM	1/31/2021 6:17:00 PM	2-Chloroethyl vinyl ether	n/a	<	0.19	µg/L	EPA 624.1	0.19	1	WKL	
MO-MPK	2020/21-2	Wet	1/28/2021 8:00:00 PM	1/31/2021 6:17:00 PM	Methyl tert-butyl ether (MTBE)	n/a	<	0.4	µg/L	EPA 624.1	0.4	1	WKL	
MO-MPK	2020/21-2	Wet	1/29/2021 8:45:00 AM	2/3/2021 3:36:00 AM	Chloride	n/a	=	24	mg/L	EPA 300.0	0.17	1	WKL	
MO-MPK	2020/21-2	Wet	1/29/2021 8:45:00 AM	2/3/2021 3:36:00 AM	Fluoride	n/a	DNQ	0.1	mg/L	EPA 300.0	0.018	0.2	WKL	
MO-MPK	2020/21-2	Wet	1/29/2021 8:45:00 AM	2/3/2021 8:46:00 AM	Perchlorate	n/a	<	0.84	µg/L	EPA 314.0	0.84	2	WKL	
MO-MPK	2020/21-2	Wet	1/29/2021 8:45:00 AM	2/6/2021 6:03:00 PM	Calcium	Total	=	51.3	mg/L	EPA 200.7	0.016	0.1	WKL	
MO-MPK	2020/21-2	Wet	1/29/2021 8:45:00 AM	2/6/2021 6:03:00 PM	Magnesium	Total	=	9.18	mg/L	EPA 200.7	0.012	0.1	WKL	
MO-MPK	2020/21-2	Wet	1/29/2021 8:45:00 AM	2/4/2021 12:36:00 PM	Alkalinity as CaCO3	n/a	=	41	mg/L	SM 2320 B	0.56	5	WKL	
MO-MPK	2020/21-2	Wet	1/29/2021 8:45:00 AM	2/4/2021 5:28:00 PM	BOD	n/a	=	8.5	mg/L	SM 5210 B	2	2	WKL	
MO-MPK	2020/21-2	Wet	1/29/2021 8:45:00 AM	2/9/2021 10:01:00 AM	COD	n/a	=	63	mg/L	EPA 410.4	2.9	5	WKL	
MO-MPK	2020/21-2	Wet	1/29/2021 8:45:00 AM	2/6/2021 6:03:00 PM	Hardness as CaCO3	Total	=	166	mg/L	EPA 200.7	0.0894	0.662	WKL	
MO-MPK	2020/21-2	Wet	1/29/2021 8:45:00 AM	1/30/2021 5:56:00 PM	MBAS	n/a	DNQ	0.03	mg/L	SM 5540 C	0.017	0.05	WKL	
MO-MPK	2020/21-2	Wet	1/29/2021 8:45:00 AM	2/11/2021 2:35:00 PM	Phenolics	n/a	<	0.0032	mg/L	EPA 420.4	0.0032	0.01	WKL	
MO-MPK	2020/21-2	Wet	1/29/2021 8:45:00 AM	2/3/2021 1:39:00 PM	Specific Conductance	n/a	=	450	µmhos/cm	SM 2510 B	0.23	2	WKL	
MO-MPK	2020/21-2	Wet	1/29/2021 8:45:00 AM	2/5/2021 8:00:00 AM	Total Dissolved Solids	n/a	=	300	mg/L	SM 2540 C	4	10	WKL	
MO-MPK	2020/21-2	Wet	1/29/2021 8:45:00 AM	2/5/2021 12:35:00 PM	Total Organic Carbon	n/a	=	9.9	mg/L	SM 5310 B	0.096	0.3	WKL	
MO-MPK	2020/21-2	Wet	1/29/2021 8:45:00 AM	2/5/2021 8:00:00 AM	Total Suspended Solids	n/a	=	450	mg/L	SM 2540 D	-88	5	WKL	
MO-MPK	2020/21-2	Wet	1/29/2021 8:45:00 AM	1/29/2021 7:55:00 PM	Turbidity	n/a	=	65	NTU	EPA 180.1	0.085	0.5	WKL	
MO-MPK	2020/21-2	Wet	1/29/2021 8:45:00 AM	2/5/2021 8:00:00 AM	Volatile Suspended Solids	n/a	=	52	mg/L	EPA 160.4	3.1	5	WKL	
MO-MPK	2020/21-2	Wet	1/29/2021 8:45:00 AM	2/12/2021 12:14:00 AM	Diesel Range Organics	n/a	=	0.22	mg/L	EPA 8015B	0.032	0.1	WKL	
MO-MPK	2020/21-2	Wet	1/29/2021 8:45:00 AM	2/12/2021 12:14:00 AM	Oil Range Organics	n/a	<	0.33	mg/L	EPA 8015B	0.33	0.5	WKL	
MO-MPK	2020/21-2	Wet	1/29/2021 8:45:00 AM	2/9/2021 5:46:00 PM	Aluminum	Dissolved	DNQ	18	µg/L	EPA 200.8	4.4	20	WKL	
MO-MPK	2020/21-2	Wet	1/29/2021 8:45:00 AM	2/9/2021 6:17:00 PM	Aluminum	Total	=	9000	µg/L	EPA 200.8	4.4	20	WKL	
MO-MPK	2020/21-2	Wet	1/29/2021 8:45:00 AM	2/9/2021 5:46:00 PM	Antimony	Dissolved	DNQ	0.42	µg/L	EPA 200.8	0.089	0.5	WKL	
MO-MPK	2020/21-2	Wet	1/29/2021 8:45:00 AM	2/9/2021 6:17:00 PM	Antimony	Total	=	0.82	µg/L	EPA 200.8	0.089	0.5	WKL	
MO-MPK	2020/21-2	Wet	1/29/2021 8:45:00 AM	2/9/2021 5:46:00 PM	Arsenic	Dissolved	=	1.2	µg/L	EPA 200.8	0.074	0.4	WKL	
MO-MPK	2020/21-2	Wet	1/29/2021 8:45:00 AM	2/9/2021 6:17:00 PM	Arsenic	Total	=	3.8	µg/L	EPA 200.8	0.074	0.4	WKL	
MO-MPK	2020/21-2	Wet	1/29/2021 8:45:00 AM	2/9/2021 6:17:00 PM	Barium	Total	=	130	µg/L	EPA 200.8	0.14	1	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-MPK	2020/21-2	Wet	1/29/2021 8:45:00 AM	2/9/2021 6:14:00 PM	Beryllium	Dissolved	<	0.12	µg/L	EPA 200.8	0.12	0.2	WKL	
MO-MPK	2020/21-2	Wet	1/29/2021 8:45:00 AM	2/9/2021 6:17:00 PM	Beryllium	Total	=	0.25	µg/L	EPA 200.8	0.062	0.1	WKL	
MO-MPK	2020/21-2	Wet	1/29/2021 8:45:00 AM	2/9/2021 5:46:00 PM	Cadmium	Dissolved	DNQ	0.058	µg/L	EPA 200.8	0.042	0.2	WKL	
MO-MPK	2020/21-2	Wet	1/29/2021 8:45:00 AM	2/9/2021 6:17:00 PM	Cadmium	Total	=	0.6	µg/L	EPA 200.8	0.042	0.2	WKL	
MO-MPK	2020/21-2	Wet	1/29/2021 8:45:00 AM	2/9/2021 5:46:00 PM	Chromium	Dissolved	=	0.33	µg/L	EPA 200.8	0.089	0.2	WKL	
MO-MPK	2020/21-2	Wet	1/29/2021 8:45:00 AM	2/9/2021 6:17:00 PM	Chromium	Total	=	16	µg/L	EPA 200.8	0.089	0.2	WKL	
MO-MPK	2020/21-2	Wet	1/29/2021 8:45:00 AM	2/3/2021 3:41:00 PM	Chromium VI	n/a	=	0.32	µg/L	EPA 218.6	0.0079	0.02	WKL	
MO-MPK	2020/21-2	Wet	1/29/2021 8:45:00 AM	2/9/2021 5:46:00 PM	Copper	Dissolved	=	4.4	µg/L	EPA 200.8	0.23	0.5	WKL	
MO-MPK	2020/21-2	Wet	1/29/2021 8:45:00 AM	2/9/2021 6:17:00 PM	Copper	Total	=	22	µg/L	EPA 200.8	0.23	0.5	WKL	
MO-MPK	2020/21-2	Wet	1/29/2021 8:45:00 AM	2/9/2021 5:46:00 PM	Iron	Dissolved	=	24	µg/L	EPA 200.8	3.9	20	WKL	
MO-MPK	2020/21-2	Wet	1/29/2021 8:45:00 AM	2/9/2021 6:41:00 PM	Iron	Total	=	11000	µg/L	EPA 200.8	7.9	40	WKL	
MO-MPK	2020/21-2	Wet	1/29/2021 8:45:00 AM	2/9/2021 5:46:00 PM	Lead	Dissolved	<	0.083	µg/L	EPA 200.8	0.083	0.2	WKL	
MO-MPK	2020/21-2	Wet	1/29/2021 8:45:00 AM	2/9/2021 6:17:00 PM	Lead	Total	=	9.1	µg/L	EPA 200.8	0.083	0.2	WKL	
MO-MPK	2020/21-2	Wet	1/29/2021 8:45:00 AM	2/7/2021 1:11:00 PM	Mercury	Dissolved	<	17	ng/L	EPA 245.1	17	50	WKL	
MO-MPK	2020/21-2	Wet	1/29/2021 8:45:00 AM	2/7/2021 1:13:00 PM	Mercury	Total	DNQ	28	ng/L	EPA 245.1	17	50	WKL	
MO-MPK	2020/21-2	Wet	1/29/2021 8:45:00 AM	2/9/2021 5:46:00 PM	Nickel	Dissolved	DNQ	1.1	µg/L	EPA 200.8	0.16	2	WKL	
MO-MPK	2020/21-2	Wet	1/29/2021 8:45:00 AM	2/9/2021 6:17:00 PM	Nickel	Total	=	14	µg/L	EPA 200.8	0.16	2	WKL	
MO-MPK	2020/21-2	Wet	1/29/2021 8:45:00 AM	2/9/2021 5:46:00 PM	Selenium	Dissolved	=	4.2	µg/L	EPA 200.8	0.067	0.4	WKL	
MO-MPK	2020/21-2	Wet	1/29/2021 8:45:00 AM	2/9/2021 6:17:00 PM	Selenium	Total	=	4.5	µg/L	EPA 200.8	0.067	0.4	WKL	
MO-MPK	2020/21-2	Wet	1/29/2021 8:45:00 AM	2/9/2021 5:46:00 PM	Silver	Dissolved	DNQ	0.13	µg/L	EPA 200.8	0.03	0.2	WKL	
MO-MPK	2020/21-2	Wet	1/29/2021 8:45:00 AM	2/9/2021 6:17:00 PM	Silver	Total	DNQ	0.056	µg/L	EPA 200.8	0.03	0.2	WKL	
MO-MPK	2020/21-2	Wet	1/29/2021 8:45:00 AM	2/9/2021 5:46:00 PM	Thallium	Dissolved	<	0.021	µg/L	EPA 200.8	0.021	0.2	WKL	
MO-MPK	2020/21-2	Wet	1/29/2021 8:45:00 AM	2/9/2021 6:17:00 PM	Thallium	Total	DNQ	0.11	µg/L	EPA 200.8	0.021	0.2	WKL	
MO-MPK	2020/21-2	Wet	1/29/2021 8:45:00 AM	2/9/2021 5:46:00 PM	Zinc	Dissolved	=	13	µg/L	EPA 200.8	0.8	10	WKL	
MO-MPK	2020/21-2	Wet	1/29/2021 8:45:00 AM	2/9/2021 6:17:00 PM	Zinc	Total	=	110	µg/L	EPA 200.8	0.8	10	WKL	
MO-MPK	2020/21-2	Wet	1/29/2021 8:45:00 AM	2/12/2021 1:41:00 PM	Ammonia as N	n/a	=	0.3	mg/L	EPA 350.1	0.047	0.1	WKL	
MO-MPK	2020/21-2	Wet	1/29/2021 8:45:00 AM	1/30/2021 4:35:00 PM	Nitrate + Nitrite as N	n/a	=	18	mg/L	EPA 353.2	0.18	1	WKL	
MO-MPK	2020/21-2	Wet	1/29/2021 8:45:00 AM	2/6/2021 6:00:00 PM	Phosphorus as P	Dissolved	=	0.18	mg/L	EPA 200.7	0.012	0.02	WKL	
MO-MPK	2020/21-2	Wet	1/29/2021 8:45:00 AM	2/6/2021 6:03:00 PM	Phosphorus as P	Total	=	0.85	mg/L	EPA 200.7	0.012	0.02	WKL	
MO-MPK	2020/21-2	Wet	1/29/2021 8:45:00 AM	2/10/2021 4:19:00 PM	TKN	n/a	=	0.61	mg/L	EPA 351.2	0.13	0.2	WKL	
MO-MPK	2020/21-2	Wet	1/29/2021 8:45:00 AM	2/10/2021 4:58:00 PM	1,2,4-Trichlorobenzene	n/a	<	4.9	µg/L	EPA 625.1	4.9	10	WKL	
MO-MPK	2020/21-2	Wet	1/29/2021 8:45:00 AM	2/10/2021 4:58:00 PM	1,2-Dichlorobenzene	n/a	<	4.6	µg/L	EPA 625.1	4.6	10	WKL	
MO-MPK	2020/21-2	Wet	1/29/2021 8:45:00 AM	2/10/2021 4:58:00 PM	1,2-Diphenylhydrazine	n/a	<	3	µg/L	EPA 625.1	3	10	WKL	
MO-MPK	2020/21-2	Wet	1/29/2021 8:45:00 AM	2/10/2021 4:58:00 PM	1,3-Dichlorobenzene	n/a	<	4.2	µg/L	EPA 625.1	4.2	10	WKL	
MO-MPK	2020/21-2	Wet	1/29/2021 8:45:00 AM	2/10/2021 4:58:00 PM	1,4-Dichlorobenzene	n/a	<	4.8	µg/L	EPA 625.1	4.8	10	WKL	
MO-MPK	2020/21-2	Wet	1/29/2021 8:45:00 AM	2/27/2021 3:47:00 PM	1-Methylnaphthalene	n/a	<	0.24	µg/L	EPA 8270C	0.24	1	WKL	
MO-MPK	2020/21-2	Wet	1/29/2021 8:45:00 AM	3/5/2021 6:25:00 AM	2,4,5-Trichlorophenol	n/a	<	2.9	µg/L	EPA 8270C	2.9	10	WKL	
MO-MPK	2020/21-2	Wet	1/29/2021 8:45:00 AM	3/5/2021 6:25:00 AM	2,4,6-Trichlorophenol	n/a	<	3	µg/L	EPA 8270C	3	10	WKL	
MO-MPK	2020/21-2	Wet	1/29/2021 8:45:00 AM	2/10/2021 4:58:00 PM	2,4,6-Trichlorophenol	n/a	<	2.2	µg/L	EPA 625.1	2.2	10	WKL	
MO-MPK	2020/21-2	Wet	1/29/2021 8:45:00 AM	3/5/2021 6:25:00 AM	2,4-Dichlorophenol	n/a	<	5.1	µg/L	EPA 8270C	5.1	10	WKL	
MO-MPK	2020/21-2	Wet	1/29/2021 8:45:00 AM	2/10/2021 4:58:00 PM	2,4-Dichlorophenol	n/a	<	2.6	µg/L	EPA 625.1	2.6	10	WKL	
MO-MPK	2020/21-2	Wet	1/29/2021 8:45:00 AM	3/5/2021 6:25:00 AM	2,4-Dimethylphenol	n/a	<	10	µg/L	EPA 8270C	10	20	WKL	
MO-MPK	2020/21-2	Wet	1/29/2021 8:45:00 AM	2/10/2021 4:58:00 PM	2,4-Dimethylphenol	n/a	<	3	µg/L	EPA 625.1	3	10	WKL	
MO-MPK	2020/21-2	Wet	1/29/2021 8:45:00 AM	2/10/2021 4:58:00 PM	2,4-Dinitrophenol	n/a	<	19	µg/L	EPA 625.1	19	100	WKL	
MO-MPK	2020/21-2	Wet	1/29/2021 8:45:00 AM	3/5/2021 6:25:00 AM	2,4-Dinitrophenol	n/a	<	10	µg/L	EPA 8270C	10	20	WKL	
MO-MPK	2020/21-2	Wet	1/29/2021 8:45:00 AM	2/10/2021 4:58:00 PM	2,4-Dinitrotoluene	n/a	<	1.8	µg/L	EPA 625.1	1.8	10	WKL	
MO-MPK	2020/21-2	Wet	1/29/2021 8:45:00 AM	2/10/2021 4:58:00 PM	2,6-Dinitrotoluene	n/a	<	2.7	µg/L	EPA 625.1	2.7	10	WKL	
MO-MPK	2020/21-2	Wet	1/29/2021 8:45:00 AM	2/10/2021 4:58:00 PM	2-Chloronaphthalene	n/a	<	4.5	µg/L	EPA 625.1	4.5	10	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-MPK	2020/21-2	Wet	1/29/2021 8:45:00 AM	3/5/2021 6:25:00 AM	2-Chlorophenol	n/a	<	6.5	µg/L	EPA 8270C	6.5	10	WKL	
MO-MPK	2020/21-2	Wet	1/29/2021 8:45:00 AM	2/10/2021 4:58:00 PM	2-Chlorophenol	n/a	<	2.8	µg/L	EPA 625.1	2.8	10	WKL	
MO-MPK	2020/21-2	Wet	1/29/2021 8:45:00 AM	2/27/2021 3:47:00 PM	2-Methylnaphthalene	n/a	<	0.26	µg/L	EPA 8270C	0.26	1	WKL	
MO-MPK	2020/21-2	Wet	1/29/2021 8:45:00 AM	3/5/2021 6:25:00 AM	2-Methylphenol	n/a	<	3.4	µg/L	EPA 8270C	3.4	10	WKL	
MO-MPK	2020/21-2	Wet	1/29/2021 8:45:00 AM	2/10/2021 4:58:00 PM	2-Nitrophenol	n/a	<	2.6	µg/L	EPA 625.1	2.6	10	WKL	
MO-MPK	2020/21-2	Wet	1/29/2021 8:45:00 AM	3/5/2021 6:25:00 AM	2-Nitrophenol	n/a	<	7.1	µg/L	EPA 8270C	7.1	10	WKL	
MO-MPK	2020/21-2	Wet	1/29/2021 8:45:00 AM	2/10/2021 4:58:00 PM	3,3'-Dichlorobenzidine	n/a	<	9.9	µg/L	EPA 625.1	9.9	50	WKL	
MO-MPK	2020/21-2	Wet	1/29/2021 8:45:00 AM	3/5/2021 6:25:00 AM	3-/4-Methylphenol	n/a	<	3	µg/L	EPA 8270C	3	10	WKL	
MO-MPK	2020/21-2	Wet	1/29/2021 8:45:00 AM	2/10/2021 4:58:00 PM	4,6-Dinitro-2-methylphenol	n/a	<	14	µg/L	EPA 625.1	14	50	WKL	
MO-MPK	2020/21-2	Wet	1/29/2021 8:45:00 AM	3/5/2021 6:25:00 AM	4,6-Dinitro-2-methylphenol	n/a	<	1.4	µg/L	EPA 8270C	1.4	10	WKL	
MO-MPK	2020/21-2	Wet	1/29/2021 8:45:00 AM	2/10/2021 4:58:00 PM	4-Bromophenyl phenyl ether	n/a	<	3.6	µg/L	EPA 625.1	3.6	10	WKL	
MO-MPK	2020/21-2	Wet	1/29/2021 8:45:00 AM	3/5/2021 6:25:00 AM	4-Chloro-3-methylphenol	n/a	<	3.7	µg/L	EPA 8270C	3.7	10	WKL	
MO-MPK	2020/21-2	Wet	1/29/2021 8:45:00 AM	2/10/2021 4:58:00 PM	4-Chloro-3-methylphenol	n/a	<	2.3	µg/L	EPA 625.1	2.3	10	WKL	
MO-MPK	2020/21-2	Wet	1/29/2021 8:45:00 AM	2/10/2021 4:58:00 PM	4-Chlorophenyl phenyl ether	n/a	<	4.1	µg/L	EPA 625.1	4.1	10	WKL	
MO-MPK	2020/21-2	Wet	1/29/2021 8:45:00 AM	2/10/2021 4:58:00 PM	4-Nitrophenol	n/a	<	12	µg/L	EPA 625.1	12	50	WKL	
MO-MPK	2020/21-2	Wet	1/29/2021 8:45:00 AM	3/5/2021 6:25:00 AM	4-Nitrophenol	n/a	<	10	µg/L	EPA 8270C	10	20	WKL	
MO-MPK	2020/21-2	Wet	1/29/2021 8:45:00 AM	2/10/2021 4:58:00 PM	Acenaphthene	n/a	<	3.8	µg/L	EPA 625.1	3.8	10	WKL	
MO-MPK	2020/21-2	Wet	1/29/2021 8:45:00 AM	2/27/2021 3:47:00 PM	Acenaphthene	n/a	<	0.28	µg/L	EPA 8270C	0.28	1	WKL	
MO-MPK	2020/21-2	Wet	1/29/2021 8:45:00 AM	2/27/2021 3:47:00 PM	Acenaphthylene	n/a	<	0.33	µg/L	EPA 8270C	0.33	1	WKL	
MO-MPK	2020/21-2	Wet	1/29/2021 8:45:00 AM	2/10/2021 4:58:00 PM	Acenaphthylene	n/a	<	1.7	µg/L	EPA 625.1	1.7	10	WKL	
MO-MPK	2020/21-2	Wet	1/29/2021 8:45:00 AM	2/27/2021 3:47:00 PM	Anthracene	n/a	<	0.25	µg/L	EPA 8270C	0.25	1	WKL	
MO-MPK	2020/21-2	Wet	1/29/2021 8:45:00 AM	2/10/2021 4:58:00 PM	Anthracene	n/a	<	1.2	µg/L	EPA 625.1	1.2	10	WKL	
MO-MPK	2020/21-2	Wet	1/29/2021 8:45:00 AM	2/10/2021 4:58:00 PM	Benz(a)anthracene	n/a	<	1.9	µg/L	EPA 625.1	1.9	10	WKL	
MO-MPK	2020/21-2	Wet	1/29/2021 8:45:00 AM	2/27/2021 3:47:00 PM	Benz(a)anthracene	n/a	<	0.51	µg/L	EPA 8270C	0.51	1	WKL	
MO-MPK	2020/21-2	Wet	1/29/2021 8:45:00 AM	2/10/2021 4:58:00 PM	Benzenidene	n/a	<	14	µg/L	EPA 625.1	14	100	WKL	
MO-MPK	2020/21-2	Wet	1/29/2021 8:45:00 AM	2/12/2021 9:35:00 AM	Benzo(a)pyrene	n/a	<	0.2	µg/L	EPA 525.2	0.2	1	WKL	
MO-MPK	2020/21-2	Wet	1/29/2021 8:45:00 AM	2/10/2021 4:58:00 PM	Benzo(a)pyrene	n/a	<	3.9	µg/L	EPA 625.1	3.9	10	WKL	
MO-MPK	2020/21-2	Wet	1/29/2021 8:45:00 AM	2/27/2021 3:47:00 PM	Benzo(a)pyrene	n/a	<	0.51	µg/L	EPA 8270C	0.51	1	WKL	
MO-MPK	2020/21-2	Wet	1/29/2021 8:45:00 AM	2/10/2021 4:58:00 PM	Benzo(b)fluoranthene	n/a	<	4.6	µg/L	EPA 625.1	4.6	10	WKL	
MO-MPK	2020/21-2	Wet	1/29/2021 8:45:00 AM	2/27/2021 3:47:00 PM	Benzo(b)fluoranthene	n/a	DNQ	0.76	µg/L	EPA 8270C	0.27	1	WKL	
MO-MPK	2020/21-2	Wet	1/29/2021 8:45:00 AM	2/27/2021 3:47:00 PM	Benzo(g,h,i)perylene	n/a	<	0.5	µg/L	EPA 8270C	0.5	1	WKL	
MO-MPK	2020/21-2	Wet	1/29/2021 8:45:00 AM	2/10/2021 4:58:00 PM	Benzo(g,h,i)perylene	n/a	<	4.2	µg/L	EPA 625.1	4.2	20	WKL	
MO-MPK	2020/21-2	Wet	1/29/2021 8:45:00 AM	2/10/2021 4:58:00 PM	Benzo(k)fluoranthene	n/a	<	2.2	µg/L	EPA 625.1	2.2	10	WKL	
MO-MPK	2020/21-2	Wet	1/29/2021 8:45:00 AM	2/27/2021 3:47:00 PM	Benzo(k)fluoranthene	n/a	<	0.26	µg/L	EPA 8270C	0.26	1	WKL	
MO-MPK	2020/21-2	Wet	1/29/2021 8:45:00 AM	2/10/2021 4:58:00 PM	Bis(2-chloroethoxy)methane	n/a	<	2.5	µg/L	EPA 625.1	2.5	10	WKL	
MO-MPK	2020/21-2	Wet	1/29/2021 8:45:00 AM	2/10/2021 4:58:00 PM	Bis(2-chloroethyl)ether	n/a	<	2.7	µg/L	EPA 625.1	2.7	10	WKL	
MO-MPK	2020/21-2	Wet	1/29/2021 8:45:00 AM	2/10/2021 4:58:00 PM	Bis(2-chloroisopropyl)ether	n/a	<	3.8	µg/L	EPA 625.1	3.8	10	WKL	
MO-MPK	2020/21-2	Wet	1/29/2021 8:45:00 AM	2/12/2021 9:35:00 AM	Bis(2-ethylhexyl)adipate	n/a	<	1.2	µg/L	EPA 525.2	1.2	50	WKL	
MO-MPK	2020/21-2	Wet	1/29/2021 8:45:00 AM	2/12/2021 9:35:00 AM	Bis(2-ethylhexyl)phthalate	n/a	<	4.1	µg/L	EPA 525.2	4.1	30	WKL	
MO-MPK	2020/21-2	Wet	1/29/2021 8:45:00 AM	2/10/2021 4:58:00 PM	Bis(2-ethylhexyl)phthalate	n/a	<	23	µg/L	EPA 625.1	23	50	WKL	
MO-MPK	2020/21-2	Wet	1/29/2021 8:45:00 AM	2/10/2021 4:58:00 PM	Butyl benzyl phthalate	n/a	<	1.8	µg/L	EPA 625.1	1.8	10	WKL	
MO-MPK	2020/21-2	Wet	1/29/2021 8:45:00 AM	2/10/2021 4:58:00 PM	Chrysene	n/a	<	1.9	µg/L	EPA 625.1	1.9	10	WKL	
MO-MPK	2020/21-2	Wet	1/29/2021 8:45:00 AM	2/27/2021 3:47:00 PM	Chrysene	n/a	<	0.32	µg/L	EPA 8270C	0.32	1	WKL	
MO-MPK	2020/21-2	Wet	1/29/2021 8:45:00 AM	2/10/2021 4:58:00 PM	Dibenz(a,h)anthracene	n/a	<	5.3	µg/L	EPA 625.1	5.3	20	WKL	
MO-MPK	2020/21-2	Wet	1/29/2021 8:45:00 AM	2/27/2021 3:47:00 PM	Dibenz(a,h)anthracene	n/a	<	0.96	µg/L	EPA 8270C	0.96	1	WKL	
MO-MPK	2020/21-2	Wet	1/29/2021 8:45:00 AM	2/10/2021 4:58:00 PM	Diethyl phthalate	n/a	<	1.5	µg/L	EPA 625.1	1.5	10	WKL	
MO-MPK	2020/21-2	Wet	1/29/2021 8:45:00 AM	2/10/2021 4:58:00 PM	Dimethyl phthalate	n/a	<	1.8	µg/L	EPA 625.1	1.8	10	WKL	
MO-MPK	2020/21-2	Wet	1/29/2021 8:45:00 AM	2/10/2021 4:58:00 PM	Di-n-butylphthalate	n/a	DNQ	2.9	µg/L	EPA 625.1	1	10	WKL	HB-LCSR

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-MPK	2020/21-2	Wet	1/29/2021 8:45:00 AM	2/10/2021 4:58:00 PM	Di-n-octylphthalate	n/a	<	4.6	µg/L	EPA 625.1	4.6	10	WKL	
MO-MPK	2020/21-2	Wet	1/29/2021 8:45:00 AM	2/27/2021 3:47:00 PM	Fluoranthene	n/a	<	0.39	µg/L	EPA 8270C	0.39	1	WKL	
MO-MPK	2020/21-2	Wet	1/29/2021 8:45:00 AM	2/10/2021 4:58:00 PM	Fluoranthene	n/a	<	0.8	µg/L	EPA 625.1	0.8	10	WKL	
MO-MPK	2020/21-2	Wet	1/29/2021 8:45:00 AM	2/27/2021 3:47:00 PM	Fluorene	n/a	<	0.29	µg/L	EPA 8270C	0.29	1	WKL	
MO-MPK	2020/21-2	Wet	1/29/2021 8:45:00 AM	2/10/2021 4:58:00 PM	Fluorene	n/a	<	3.5	µg/L	EPA 625.1	3.5	10	WKL	
MO-MPK	2020/21-2	Wet	1/29/2021 8:45:00 AM	2/10/2021 4:58:00 PM	Hexachlorobenzene	n/a	<	4.9	µg/L	EPA 625.1	4.9	10	WKL	
MO-MPK	2020/21-2	Wet	1/29/2021 8:45:00 AM	2/10/2021 4:58:00 PM	Hexachlorobutadiene	n/a	<	4.7	µg/L	EPA 625.1	4.7	10	WKL	
MO-MPK	2020/21-2	Wet	1/29/2021 8:45:00 AM	2/10/2021 4:58:00 PM	Hexachlorocyclopentadiene	n/a	<	9.8	µg/L	EPA 625.1	9.8	50	WKL	
MO-MPK	2020/21-2	Wet	1/29/2021 8:45:00 AM	2/10/2021 4:58:00 PM	Hexachloroethane	n/a	<	5	µg/L	EPA 625.1	5	10	WKL	
MO-MPK	2020/21-2	Wet	1/29/2021 8:45:00 AM	2/10/2021 4:58:00 PM	Indeno(1,2,3-cd)pyrene	n/a	<	5.5	µg/L	EPA 625.1	5.5	20	WKL	
MO-MPK	2020/21-2	Wet	1/29/2021 8:45:00 AM	2/27/2021 3:47:00 PM	Indeno(1,2,3-cd)pyrene	n/a	<	0.65	µg/L	EPA 8270C	0.65	1	WKL	
MO-MPK	2020/21-2	Wet	1/29/2021 8:45:00 AM	2/10/2021 4:58:00 PM	Isophorone	n/a	<	2.1	µg/L	EPA 625.1	2.1	10	WKL	
MO-MPK	2020/21-2	Wet	1/29/2021 8:45:00 AM	2/10/2021 4:58:00 PM	Naphthalene	n/a	<	4.9	µg/L	EPA 625.1	4.9	10	WKL	
MO-MPK	2020/21-2	Wet	1/29/2021 8:45:00 AM	2/27/2021 3:47:00 PM	Naphthalene	n/a	<	0.26	µg/L	EPA 8270C	0.26	1	WKL	
MO-MPK	2020/21-2	Wet	1/29/2021 8:45:00 AM	2/10/2021 4:58:00 PM	Nitrobenzene	n/a	<	3.6	µg/L	EPA 625.1	3.6	10	WKL	
MO-MPK	2020/21-2	Wet	1/29/2021 8:45:00 AM	2/10/2021 4:58:00 PM	N-Nitrosodimethylamine	n/a	<	5	µg/L	EPA 625.1	5	10	WKL	
MO-MPK	2020/21-2	Wet	1/29/2021 8:45:00 AM	2/10/2021 4:58:00 PM	N-Nitrosodi-N-propylamine	n/a	<	2.6	µg/L	EPA 625.1	2.6	10	WKL	
MO-MPK	2020/21-2	Wet	1/29/2021 8:45:00 AM	2/10/2021 4:58:00 PM	N-Nitrosodiphenylamine	n/a	<	1.9	µg/L	EPA 625.1	1.9	10	WKL	
MO-MPK	2020/21-2	Wet	1/29/2021 8:45:00 AM	2/10/2021 4:58:00 PM	Phenanthrene	n/a	<	3.2	µg/L	EPA 625.1	3.2	10	WKL	
MO-MPK	2020/21-2	Wet	1/29/2021 8:45:00 AM	2/27/2021 3:47:00 PM	Phenanthrene	n/a	<	0.29	µg/L	EPA 8270C	0.29	1	WKL	
MO-MPK	2020/21-2	Wet	1/29/2021 8:45:00 AM	3/5/2021 6:25:00 AM	Phenol	n/a	<	3.5	µg/L	EPA 8270C	3.5	10	WKL	
MO-MPK	2020/21-2	Wet	1/29/2021 8:45:00 AM	2/10/2021 4:58:00 PM	Phenol	n/a	<	1.6	µg/L	EPA 625.1	1.6	10	WKL	
MO-MPK	2020/21-2	Wet	1/29/2021 8:45:00 AM	2/27/2021 3:47:00 PM	Pyrene	n/a	<	0.4	µg/L	EPA 8270C	0.4	1	WKL	
MO-MPK	2020/21-2	Wet	1/29/2021 8:45:00 AM	2/10/2021 4:58:00 PM	Pyrene	n/a	<	2.5	µg/L	EPA 625.1	2.5	10	WKL	
MO-MPK	2020/21-2	Wet	1/29/2021 8:45:00 AM	2/17/2021 12:39:00 AM	PCB Aroclor 1016	n/a	<	10	µg/L	EPA 608.3	10	10	WKL	
MO-MPK	2020/21-2	Wet	1/29/2021 8:45:00 AM	2/17/2021 12:39:00 AM	PCB Aroclor 1221	n/a	<	10	µg/L	EPA 608.3	10	10	WKL	
MO-MPK	2020/21-2	Wet	1/29/2021 8:45:00 AM	2/17/2021 12:39:00 AM	PCB Aroclor 1232	n/a	<	10	µg/L	EPA 608.3	10	10	WKL	
MO-MPK	2020/21-2	Wet	1/29/2021 8:45:00 AM	2/17/2021 12:39:00 AM	PCB Aroclor 1242	n/a	<	10	µg/L	EPA 608.3	10	10	WKL	
MO-MPK	2020/21-2	Wet	1/29/2021 8:45:00 AM	2/17/2021 12:39:00 AM	PCB Aroclor 1248	n/a	<	10	µg/L	EPA 608.3	10	10	WKL	
MO-MPK	2020/21-2	Wet	1/29/2021 8:45:00 AM	2/17/2021 12:39:00 AM	PCB Aroclor 1254	n/a	<	10	µg/L	EPA 608.3	10	10	WKL	
MO-MPK	2020/21-2	Wet	1/29/2021 8:45:00 AM	2/17/2021 12:39:00 AM	PCB Aroclor 1260	n/a	<	10	µg/L	EPA 608.3	10	10	WKL	
MO-MPK	2020/21-2	Wet	1/29/2021 8:45:00 AM	2/13/2021 5:44:00 AM	2,4,5-T	n/a	<	0.55	µg/L	EPA 515.4	0.55	2	WKL	
MO-MPK	2020/21-2	Wet	1/29/2021 8:45:00 AM	2/13/2021 5:44:00 AM	2,4,5-TP	n/a	<	0.46	µg/L	EPA 515.4	0.46	2	WKL	
MO-MPK	2020/21-2	Wet	1/29/2021 8:45:00 AM	2/13/2021 5:44:00 AM	2,4-D	n/a	<	1.4	µg/L	EPA 515.4	1.4	4	WKL	
MO-MPK	2020/21-2	Wet	1/29/2021 8:45:00 AM	2/13/2021 5:44:00 AM	2,4-DB	n/a	<	1.9	µg/L	EPA 515.4	1.9	20	WKL	
MO-MPK	2020/21-2	Wet	1/29/2021 8:45:00 AM	2/13/2021 5:44:00 AM	3,5-Dichlorobenzoic acid	n/a	<	1.2	µg/L	EPA 515.4	1.2	10	WKL	
MO-MPK	2020/21-2	Wet	1/29/2021 8:45:00 AM	2/17/2021 12:39:00 AM	4,4'-DDD	n/a	<	0.014	µg/L	EPA 608.3	0.014	1	WKL	
MO-MPK	2020/21-2	Wet	1/29/2021 8:45:00 AM	2/17/2021 12:39:00 AM	4,4'-DDE	n/a	DNQ	0.048	µg/L	EPA 608.3	0.048	1	WKL	
MO-MPK	2020/21-2	Wet	1/29/2021 8:45:00 AM	2/17/2021 12:39:00 AM	4,4'-DDT	n/a	DNQ	0.03	µg/L	EPA 608.3	0.03	0.2	WKL	
MO-MPK	2020/21-2	Wet	1/29/2021 8:45:00 AM	2/13/2021 5:44:00 AM	Acifluorfen	n/a	<	0.72	µg/L	EPA 515.4	0.72	4	WKL	
MO-MPK	2020/21-2	Wet	1/29/2021 8:45:00 AM	2/12/2021 9:35:00 AM	Alachlor	n/a	<	0.3	µg/L	EPA 525.2	0.3	1	WKL	
MO-MPK	2020/21-2	Wet	1/29/2021 8:45:00 AM	2/17/2021 12:39:00 AM	Aldrin	n/a	<	0.02	µg/L	EPA 608.3	0.02	0.1	WKL	
MO-MPK	2020/21-2	Wet	1/29/2021 8:45:00 AM	2/17/2021 12:39:00 AM	alpha-BHC	n/a	<	0.022	µg/L	EPA 608.3	0.022	0.2	WKL	
MO-MPK	2020/21-2	Wet	1/29/2021 8:45:00 AM	2/17/2021 12:39:00 AM	alpha-Chlordane	n/a	<	0.058	µg/L	EPA 608.3	0.058	0.2	WKL	
MO-MPK	2020/21-2	Wet	1/29/2021 8:45:00 AM	2/12/2021 9:35:00 AM	Atrazine	n/a	<	0.3	µg/L	EPA 525.2	0.3	1	WKL	
MO-MPK	2020/21-2	Wet	1/29/2021 8:45:00 AM	2/3/2021 9:39:00 PM	Azinphos methyl	n/a	<	0.028	µg/L	EPA 625.1m	0.028	0.05	WKL	
MO-MPK	2020/21-2	Wet	1/29/2021 8:45:00 AM	2/13/2021 5:44:00 AM	Bentazon	n/a	<	2.3	µg/L	EPA 515.4	2.3	20	WKL	
MO-MPK	2020/21-2	Wet	1/29/2021 8:45:00 AM	2/17/2021 12:39:00 AM	beta-BHC	n/a	<	0.1	µg/L	EPA 608.3	0.1	0.1	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-MPK	2020/21-2	Wet	1/29/2021 8:45:00 AM	2/3/2021 9:39:00 PM	Bolstar	n/a	<	0.023	µg/L	EPA 625.1m	0.023	0.05	WKL	
MO-MPK	2020/21-2	Wet	1/29/2021 8:45:00 AM	2/12/2021 9:35:00 AM	Bromacil	n/a	DNQ	4.6	µg/L	EPA 525.2	1.6	5	WKL	
MO-MPK	2020/21-2	Wet	1/29/2021 8:45:00 AM	2/12/2021 9:35:00 AM	Butachlor	n/a	<	0.3	µg/L	EPA 525.2	0.3	1	WKL	
MO-MPK	2020/21-2	Wet	1/29/2021 8:45:00 AM	2/12/2021 9:35:00 AM	Captan	n/a	<	1.6	µg/L	EPA 525.2	1.6	10	WKL	
MO-MPK	2020/21-2	Wet	1/29/2021 8:45:00 AM	2/17/2021 12:39:00 AM	Chlordane (technical)	n/a	<	2	µg/L	EPA 608.3	2	2	WKL	
MO-MPK	2020/21-2	Wet	1/29/2021 8:45:00 AM	2/12/2021 9:35:00 AM	Chlorpropham	n/a	<	0.4	µg/L	EPA 525.2	0.4	1	WKL	
MO-MPK	2020/21-2	Wet	1/29/2021 8:45:00 AM	2/3/2021 9:39:00 PM	Chlorpyrifos	n/a	<	0.034	µg/L	EPA 625.1m	0.034	0.05	WKL	
MO-MPK	2020/21-2	Wet	1/29/2021 8:45:00 AM	2/3/2021 9:39:00 PM	Coumaphos	n/a	<	0.026	µg/L	EPA 625.1m	0.026	0.05	WKL	
MO-MPK	2020/21-2	Wet	1/29/2021 8:45:00 AM	2/12/2021 9:35:00 AM	Cyanazine	n/a	<	0.4	µg/L	EPA 525.2	0.4	1	WKL	
MO-MPK	2020/21-2	Wet	1/29/2021 8:45:00 AM	2/13/2021 5:44:00 AM	Dalapon	n/a	<	1.1	µg/L	EPA 515.4	1.1	4	WKL	
MO-MPK	2020/21-2	Wet	1/29/2021 8:45:00 AM	2/13/2021 5:44:00 AM	DCPA (Dacthal)	n/a	DNQ	0.86	µg/L	EPA 515.4	0.53	1	WKL	
MO-MPK	2020/21-2	Wet	1/29/2021 8:45:00 AM	2/17/2021 12:39:00 AM	delta-BHC	n/a	<	0.038	µg/L	EPA 608.3	0.038	0.1	WKL	
MO-MPK	2020/21-2	Wet	1/29/2021 8:45:00 AM	2/3/2021 9:39:00 PM	Demeton-O	n/a	<	0.05	µg/L	EPA 625.1m	0.05	0.05	WKL	
MO-MPK	2020/21-2	Wet	1/29/2021 8:45:00 AM	2/3/2021 9:39:00 PM	Demeton-S	n/a	<	0.05	µg/L	EPA 625.1m	0.05	0.05	WKL	
MO-MPK	2020/21-2	Wet	1/29/2021 8:45:00 AM	2/3/2021 9:39:00 PM	Diazinon	n/a	<	0.026	µg/L	EPA 625.1m	0.026	0.05	WKL	
MO-MPK	2020/21-2	Wet	1/29/2021 8:45:00 AM	2/12/2021 9:35:00 AM	Diazinon	n/a	DNQ	0.52	µg/L	EPA 525.2	0.5	1	WKL	
MO-MPK	2020/21-2	Wet	1/29/2021 8:45:00 AM	2/13/2021 5:44:00 AM	Dicamba	n/a	<	0.75	µg/L	EPA 515.4	0.75	6	WKL	
MO-MPK	2020/21-2	Wet	1/29/2021 8:45:00 AM	2/13/2021 5:44:00 AM	Dichlorprop	n/a	<	1.2	µg/L	EPA 515.4	1.2	3	WKL	
MO-MPK	2020/21-2	Wet	1/29/2021 8:45:00 AM	2/3/2021 9:39:00 PM	Dichlorvos	n/a	<	0.014	µg/L	EPA 625.1m	0.014	0.05	WKL	
MO-MPK	2020/21-2	Wet	1/29/2021 8:45:00 AM	2/17/2021 12:39:00 AM	Dieldrin	n/a	<	0.016	µg/L	EPA 608.3	0.016	0.2	WKL	
MO-MPK	2020/21-2	Wet	1/29/2021 8:45:00 AM	2/12/2021 9:35:00 AM	Dimethoate	n/a	<	0.2	µg/L	EPA 525.2	0.2	2	WKL	
MO-MPK	2020/21-2	Wet	1/29/2021 8:45:00 AM	2/3/2021 9:39:00 PM	Dimethoate	n/a	<	0.031	µg/L	EPA 625.1m	0.031	0.05	WKL	
MO-MPK	2020/21-2	Wet	1/29/2021 8:45:00 AM	2/13/2021 5:44:00 AM	Dinoseb	n/a	<	0.55	µg/L	EPA 515.4	0.55	4	WKL	
MO-MPK	2020/21-2	Wet	1/29/2021 8:45:00 AM	2/12/2021 9:35:00 AM	Diphenamid	n/a	<	0.3	µg/L	EPA 525.2	0.3	1	WKL	
MO-MPK	2020/21-2	Wet	1/29/2021 8:45:00 AM	2/12/2021 9:35:00 AM	Disulfoton	n/a	<	0.4	µg/L	EPA 525.2	0.4	1	WKL	
MO-MPK	2020/21-2	Wet	1/29/2021 8:45:00 AM	2/3/2021 9:39:00 PM	Disulfoton	n/a	<	0.05	µg/L	EPA 625.1m	0.05	0.05	WKL	
MO-MPK	2020/21-2	Wet	1/29/2021 8:45:00 AM	2/17/2021 12:39:00 AM	Endosulfan I	n/a	<	0.018	µg/L	EPA 608.3	0.018	0.4	WKL	
MO-MPK	2020/21-2	Wet	1/29/2021 8:45:00 AM	2/17/2021 12:39:00 AM	Endosulfan II	n/a	<	0.014	µg/L	EPA 608.3	0.014	0.2	WKL	
MO-MPK	2020/21-2	Wet	1/29/2021 8:45:00 AM	2/17/2021 12:39:00 AM	Endosulfan sulfate	n/a	<	0.026	µg/L	EPA 608.3	0.026	1	WKL	
MO-MPK	2020/21-2	Wet	1/29/2021 8:45:00 AM	2/17/2021 12:39:00 AM	Endrin	n/a	<	0.034	µg/L	EPA 608.3	0.034	0.2	WKL	
MO-MPK	2020/21-2	Wet	1/29/2021 8:45:00 AM	2/17/2021 12:39:00 AM	Endrin aldehyde	n/a	<	0.038	µg/L	EPA 608.3	0.038	0.2	WKL	
MO-MPK	2020/21-2	Wet	1/29/2021 8:45:00 AM	2/12/2021 9:35:00 AM	EPTC	n/a	<	0.2	µg/L	EPA 525.2	0.2	1	WKL	
MO-MPK	2020/21-2	Wet	1/29/2021 8:45:00 AM	2/3/2021 9:39:00 PM	Ethoprop	n/a	<	0.034	µg/L	EPA 625.1m	0.034	0.05	WKL	
MO-MPK	2020/21-2	Wet	1/29/2021 8:45:00 AM	2/3/2021 9:39:00 PM	Ethyl parathion	n/a	<	0.027	µg/L	EPA 625.1m	0.027	0.05	WKL	
MO-MPK	2020/21-2	Wet	1/29/2021 8:45:00 AM	2/3/2021 9:39:00 PM	Fensulfothion	n/a	<	0.014	µg/L	EPA 625.1m	0.014	0.05	WKL	
MO-MPK	2020/21-2	Wet	1/29/2021 8:45:00 AM	2/3/2021 9:39:00 PM	Fenthion	n/a	<	0.019	µg/L	EPA 625.1m	0.019	0.05	WKL	
MO-MPK	2020/21-2	Wet	1/29/2021 8:45:00 AM	2/17/2021 12:39:00 AM	gamma-BHC (Lindane)	n/a	<	0.4	µg/L	EPA 608.3	0.4	0.4	WKL	
MO-MPK	2020/21-2	Wet	1/29/2021 8:45:00 AM	2/17/2021 12:39:00 AM	gamma-Chlordane	n/a	<	0.046	µg/L	EPA 608.3	0.046	0.2	WKL	
MO-MPK	2020/21-2	Wet	1/29/2021 8:45:00 AM	2/3/2021 5:52:00 PM	Glyphosate	n/a	=	14	µg/L	EPA 547	1.8	5	WKL	
MO-MPK	2020/21-2	Wet	1/29/2021 8:45:00 AM	2/17/2021 12:39:00 AM	Heptachlor	n/a	<	0.012	µg/L	EPA 608.3	0.012	0.2	WKL	
MO-MPK	2020/21-2	Wet	1/29/2021 8:45:00 AM	2/17/2021 12:39:00 AM	Heptachlor epoxide	n/a	<	0.008	µg/L	EPA 608.3	0.008	0.2	WKL	
MO-MPK	2020/21-2	Wet	1/29/2021 8:45:00 AM	2/3/2021 9:39:00 PM	Malathion	n/a	<	0.038	µg/L	EPA 625.1m	0.038	0.05	WKL	
MO-MPK	2020/21-2	Wet	1/29/2021 8:45:00 AM	2/3/2021 9:39:00 PM	Merphos	n/a	<	0.029	µg/L	EPA 625.1m	0.029	0.05	WKL	
MO-MPK	2020/21-2	Wet	1/29/2021 8:45:00 AM	2/17/2021 12:39:00 AM	Methoxychlor	n/a	<	0.4	µg/L	EPA 608.3	0.4	0.4	WKL	
MO-MPK	2020/21-2	Wet	1/29/2021 8:45:00 AM	2/3/2021 9:39:00 PM	Methyl parathion	n/a	<	0.032	µg/L	EPA 625.1m	0.032	0.05	WKL	
MO-MPK	2020/21-2	Wet	1/29/2021 8:45:00 AM	2/12/2021 9:35:00 AM	Metolachlor	n/a	<	0.3	µg/L	EPA 525.2	0.3	1	WKL	
MO-MPK	2020/21-2	Wet	1/29/2021 8:45:00 AM	2/12/2021 9:35:00 AM	Metribuzin	n/a	<	0.3	µg/L	EPA 525.2	0.3	1	WKL	
MO-MPK	2020/21-2	Wet	1/29/2021 8:45:00 AM	2/3/2021 9:39:00 PM	Mevinphos	n/a	<	0.021	µg/L	EPA 625.1m	0.021	0.05	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-MPK	2020/21-2	Wet	1/29/2021 8:45:00 AM	2/12/2021 9:35:00 AM	Molinate	n/a	<	0.3	µg/L	EPA 525.2	0.3	1	WKL	
MO-MPK	2020/21-2	Wet	1/29/2021 8:45:00 AM	2/3/2021 9:39:00 PM	Naled	n/a	<	0.038	µg/L	EPA 625.1m	0.038	0.05	WKL	
MO-MPK	2020/21-2	Wet	1/29/2021 8:45:00 AM	2/10/2021 4:58:00 PM	Pentachlorophenol	n/a	DNQ	7.7	µg/L	EPA 625.1	4	10	WKL	
MO-MPK	2020/21-2	Wet	1/29/2021 8:45:00 AM	3/5/2021 6:25:00 AM	Pentachlorophenol	n/a	DNQ	3.2	µg/L	EPA 8270C	1.5	10	WKL	
MO-MPK	2020/21-2	Wet	1/29/2021 8:45:00 AM	2/13/2021 5:44:00 AM	Pentachlorophenol	n/a	=	2	µg/L	EPA 515.4	0.46	2	WKL	
MO-MPK	2020/21-2	Wet	1/29/2021 8:45:00 AM	2/3/2021 9:39:00 PM	Phorate	n/a	<	0.015	µg/L	EPA 625.1m	0.015	0.05	WKL	
MO-MPK	2020/21-2	Wet	1/29/2021 8:45:00 AM	2/13/2021 5:44:00 AM	Picloram	n/a	<	0.38	µg/L	EPA 515.4	0.38	6	WKL	
MO-MPK	2020/21-2	Wet	1/29/2021 8:45:00 AM	2/12/2021 9:35:00 AM	Prometon	n/a	<	0.1	µg/L	EPA 525.2	0.1	1	WKL	
MO-MPK	2020/21-2	Wet	1/29/2021 8:45:00 AM	2/12/2021 9:35:00 AM	Prometryn	n/a	<	0.3	µg/L	EPA 525.2	0.3	1	WKL	
MO-MPK	2020/21-2	Wet	1/29/2021 8:45:00 AM	2/3/2021 9:39:00 PM	Ronnel (Fenchlorphos)	n/a	<	0.02	µg/L	EPA 625.1m	0.02	0.05	WKL	
MO-MPK	2020/21-2	Wet	1/29/2021 8:45:00 AM	2/12/2021 9:35:00 AM	Simazine	n/a	<	0.2	µg/L	EPA 525.2	0.2	1	WKL	
MO-MPK	2020/21-2	Wet	1/29/2021 8:45:00 AM	2/3/2021 9:39:00 PM	Stirophos (Tetrachlorvinphos)	n/a	<	0.016	µg/L	EPA 625.1m	0.016	0.05	WKL	
MO-MPK	2020/21-2	Wet	1/29/2021 8:45:00 AM	2/12/2021 9:35:00 AM	Terbacil	n/a	<	0.9	µg/L	EPA 525.2	0.9	20	WKL	
MO-MPK	2020/21-2	Wet	1/29/2021 8:45:00 AM	2/12/2021 9:35:00 AM	Thiobencarb	n/a	<	0.3	µg/L	EPA 525.2	0.3	1	WKL	
MO-MPK	2020/21-2	Wet	1/29/2021 8:45:00 AM	2/3/2021 9:39:00 PM	Tokuthion	n/a	<	0.039	µg/L	EPA 625.1m	0.039	0.05	WKL	
MO-MPK	2020/21-2	Wet	1/29/2021 8:45:00 AM	2/17/2021 12:39:00 AM	Toxaphene	n/a	<	20	µg/L	EPA 608.3	20	20	WKL	
MO-MPK	2020/21-2	Wet	1/29/2021 8:45:00 AM	2/3/2021 9:39:00 PM	Trichloronate	n/a	<	0.034	µg/L	EPA 625.1m	0.034	0.05	WKL	
MO-MPK	2020/21-2	Wet	1/29/2021 8:45:00 AM	2/12/2021 9:35:00 AM	Trithion	n/a	<	0.2	µg/L	EPA 525.2	0.2	1	WKL	
MO-MPK	2020/21-3	Wet	3/10/2021 3:15:00 AM	3/10/2021 3:15:00 AM	Conductivity	n/a	=	123.3	µmhos/cm	Field Meter	-88	1	Field Crew	
MO-MPK	2020/21-3	Wet	3/10/2021 3:15:00 AM	3/15/2021 4:53:00 PM	Cyanide	Total	=	0.0026	mg/L	ASTM D7511	0.0003	0.002	WKL	
MO-MPK	2020/21-3	Wet	3/10/2021 3:15:00 AM	3/10/2021 3:15:00 AM	DO	n/a	=	11.8	mg/L	Field Meter	-88	0.3	Field Crew	
MO-MPK	2020/21-3	Wet	3/10/2021 3:15:00 AM	3/10/2021 3:15:00 AM	DO	n/a	=	109.3	%	Field Meter	-88	0.1	Field Crew	
MO-MPK	2020/21-3	Wet	3/10/2021 3:15:00 AM	3/10/2021 3:15:00 AM	pH	n/a	=	8.07	pH Units	Field Meter	-88	0.01	Field Crew	
MO-MPK	2020/21-3	Wet	3/10/2021 3:15:00 AM	3/10/2021 3:15:00 AM	Salinity	n/a	=	100	mg/L	Field Meter	-88	100	Field Crew	
MO-MPK	2020/21-3	Wet	3/10/2021 3:15:00 AM	3/10/2021 3:15:00 AM	Specific Conductance	n/a	=	166	µmhos/cm	Field Meter	-88	1	Field Crew	
MO-MPK	2020/21-3	Wet	3/10/2021 3:15:00 AM	3/10/2021 3:15:00 AM	Temperature	n/a	=	11.5	°C	Field Meter	-88	0.1	Field Crew	
MO-MPK	2020/21-3	Wet	3/10/2021 3:15:00 AM	3/26/2021 12:04:00 PM	Oil and Grease	n/a	DNQ	1.3	mg/L	EPA 1664B	0.7	5	WKL	
MO-MPK	2020/21-3	Wet	3/10/2021 4:27:00 AM	3/13/2021 1:45:00 AM	Chloride	n/a	=	23	mg/L	EPA 300.0	0.17	1	WKL	
MO-MPK	2020/21-3	Wet	3/10/2021 4:27:00 AM	3/13/2021 1:45:00 AM	Fluoride	n/a	DNQ	0.16	mg/L	EPA 300.0	0.018	0.2	WKL	
MO-MPK	2020/21-3	Wet	3/10/2021 4:27:00 AM	3/20/2021 3:29:00 AM	Perchlorate	n/a	<	1.7	µg/L	EPA 314.0	1.7	4	WKL	
MO-MPK	2020/21-3	Wet	3/10/2021 4:27:00 AM	3/18/2021 7:28:00 PM	Calcium	Total	=	28.5	mg/L	EPA 200.7	0.16	0.5	WKL	
MO-MPK	2020/21-3	Wet	3/10/2021 4:27:00 AM	3/18/2021 7:28:00 PM	Magnesium	Total	=	7.82	mg/L	EPA 200.7	0.039	0.5	WKL	
MO-MPK	2020/21-3	Wet	3/10/2021 4:27:00 AM	3/11/2021 1:20:00 PM	Alkalinity as CaCO3	n/a	=	53	mg/L	SM 2320 B	0.56	5	WKL	
MO-MPK	2020/21-3	Wet	3/10/2021 4:27:00 AM	3/16/2021 4:00:00 PM	BOD	n/a	=	49	mg/L	SM 5210 B	2	2	WKL	
MO-MPK	2020/21-3	Wet	3/10/2021 4:27:00 AM	3/18/2021 11:46:00 AM	COD	n/a	=	250	mg/L	EPA 410.4	2.9	5	WKL	
MO-MPK	2020/21-3	Wet	3/10/2021 4:27:00 AM	3/18/2021 7:28:00 PM	Hardness as CaCO3	Total	=	103	mg/L	EPA 200.7	0.56	3.31	WKL	
MO-MPK	2020/21-3	Wet	3/10/2021 4:27:00 AM	3/11/2021 8:39:00 PM	MBAS	n/a	=	0.16	mg/L	SM 5540 C	0.017	0.05	WKL	
MO-MPK	2020/21-3	Wet	3/10/2021 4:27:00 AM	3/23/2021 1:45:00 PM	Phenolics	n/a	=	0.021	mg/L	EPA 420.4	0.0032	0.01	WKL	
MO-MPK	2020/21-3	Wet	3/10/2021 4:27:00 AM	3/15/2021 1:58:00 PM	Specific Conductance	n/a	=	280	µmhos/cm	SM 2510 B	0.23	2	WKL	
MO-MPK	2020/21-3	Wet	3/10/2021 4:27:00 AM	3/15/2021 6:00:00 PM	Total Dissolved Solids	n/a	=	170	mg/L	SM 2540 C	4	10	WKL	
MO-MPK	2020/21-3	Wet	3/10/2021 4:27:00 AM	4/5/2021	Total Organic Carbon	n/a	=	38	mg/L	SM 5310 B	1	1	WKL	
MO-MPK	2020/21-3	Wet	3/10/2021 4:27:00 AM	3/12/2021 4:29:00 PM	Total Suspended Solids	n/a	=	690	mg/L	SM 2540 D	-88	5	WKL	
MO-MPK	2020/21-3	Wet	3/10/2021 4:27:00 AM	3/11/2021 5:15:00 PM	Turbidity	n/a	=	16	NTU	EPA 180.1	0.017	0.1	WKL	
MO-MPK	2020/21-3	Wet	3/10/2021 4:27:00 AM	3/12/2021 4:29:00 PM	Volatile Suspended Solids	n/a	=	140	mg/L	EPA 160.4	3.1	5	WKL	
MO-MPK	2020/21-3	Wet	3/10/2021 4:27:00 AM	3/26/2021 1:53:00 AM	Diesel Range Organics	n/a	=	1.9	mg/L	EPA 8015B	0.032	0.1	WKL	
MO-MPK	2020/21-3	Wet	3/10/2021 4:27:00 AM	3/26/2021 1:53:00 AM	Oil Range Organics	n/a	=	1.1	mg/L	EPA 8015B	0.33	0.5	WKL	
MO-MPK	2020/21-3	Wet	3/10/2021 4:27:00 AM	3/18/2021 1:40:00 PM	Aluminum	Dissolved	=	30	µg/L	EPA 200.8	4.4	20	WKL	
MO-MPK	2020/21-3	Wet	3/10/2021 4:27:00 AM	3/18/2021 1:58:00 PM	Aluminum	Total	=	10000	µg/L	EPA 200.8	8.9	40	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-MPK	2020/21-3	Wet	3/10/2021 4:27:00 AM	3/18/2021 1:40:00 PM	Antimony	Dissolved	=	0.91	µg/L	EPA 200.8	0.089	0.5	WKL	
MO-MPK	2020/21-3	Wet	3/10/2021 4:27:00 AM	3/18/2021 1:43:00 PM	Antimony	Total	=	1.7	µg/L	EPA 200.8	0.089	0.5	WKL	
MO-MPK	2020/21-3	Wet	3/10/2021 4:27:00 AM	3/18/2021 1:40:00 PM	Arsenic	Dissolved	=	1.6	µg/L	EPA 200.8	0.074	0.4	WKL	
MO-MPK	2020/21-3	Wet	3/10/2021 4:27:00 AM	3/18/2021 1:43:00 PM	Arsenic	Total	=	4.8	µg/L	EPA 200.8	0.074	0.4	WKL	
MO-MPK	2020/21-3	Wet	3/10/2021 4:27:00 AM	3/18/2021 1:43:00 PM	Barium	Total	=	160	µg/L	EPA 200.8	0.14	1	WKL	
MO-MPK	2020/21-3	Wet	3/10/2021 4:27:00 AM	3/18/2021 1:43:00 PM	Beryllium	Dissolved	<	0.062	µg/L	EPA 200.8	0.062	0.1	WKL	
MO-MPK	2020/21-3	Wet	3/10/2021 4:27:00 AM	3/18/2021 1:43:00 PM	Beryllium	Total	=	0.31	µg/L	EPA 200.8	0.062	0.1	WKL	
MO-MPK	2020/21-3	Wet	3/10/2021 4:27:00 AM	3/18/2021 1:40:00 PM	Cadmium	Dissolved	DNQ	0.072	µg/L	EPA 200.8	0.042	0.2	WKL	
MO-MPK	2020/21-3	Wet	3/10/2021 4:27:00 AM	3/18/2021 1:43:00 PM	Cadmium	Total	=	0.79	µg/L	EPA 200.8	0.042	0.2	WKL	
MO-MPK	2020/21-3	Wet	3/10/2021 4:27:00 AM	3/18/2021 1:40:00 PM	Chromium	Dissolved	=	1.1	µg/L	EPA 200.8	0.089	0.2	WKL	
MO-MPK	2020/21-3	Wet	3/10/2021 4:27:00 AM	3/18/2021 1:43:00 PM	Chromium	Total	=	19	µg/L	EPA 200.8	0.089	0.2	WKL	
MO-MPK	2020/21-3	Wet	3/10/2021 4:27:00 AM	3/22/2021 3:37:00 PM	Chromium VI	n/a	=	0.52	µg/L	EPA 218.6	0.0079	0.02	WKL	
MO-MPK	2020/21-3	Wet	3/10/2021 4:27:00 AM	3/18/2021 1:40:00 PM	Copper	Dissolved	=	10	µg/L	EPA 200.8	0.23	0.5	WKL	
MO-MPK	2020/21-3	Wet	3/10/2021 4:27:00 AM	3/18/2021 1:43:00 PM	Copper	Total	=	34	µg/L	EPA 200.8	0.23	0.5	WKL	
MO-MPK	2020/21-3	Wet	3/10/2021 4:27:00 AM	3/18/2021 1:40:00 PM	Iron	Dissolved	=	65	µg/L	EPA 200.8	3.9	20	WKL	
MO-MPK	2020/21-3	Wet	3/10/2021 4:27:00 AM	3/18/2021 1:58:00 PM	Iron	Total	=	12000	µg/L	EPA 200.8	7.9	40	WKL	
MO-MPK	2020/21-3	Wet	3/10/2021 4:27:00 AM	3/18/2021 1:40:00 PM	Lead	Dissolved	=	0.26	µg/L	EPA 200.8	0.083	0.2	WKL	
MO-MPK	2020/21-3	Wet	3/10/2021 4:27:00 AM	3/18/2021 1:43:00 PM	Lead	Total	=	14	µg/L	EPA 200.8	0.083	0.2	WKL	
MO-MPK	2020/21-3	Wet	3/10/2021 4:27:00 AM	3/18/2021 3:59:00 PM	Mercury	Dissolved	<	17	ng/L	EPA 245.1	17	50	WKL	
MO-MPK	2020/21-3	Wet	3/10/2021 4:27:00 AM	3/18/2021 4:01:00 PM	Mercury	Total	DNQ	36	ng/L	EPA 245.1	17	50	WKL	
MO-MPK	2020/21-3	Wet	3/10/2021 4:27:00 AM	3/18/2021 1:40:00 PM	Nickel	Dissolved	=	3.6	µg/L	EPA 200.8	0.16	2	WKL	
MO-MPK	2020/21-3	Wet	3/10/2021 4:27:00 AM	3/18/2021 1:43:00 PM	Nickel	Total	=	19	µg/L	EPA 200.8	0.16	2	WKL	
MO-MPK	2020/21-3	Wet	3/10/2021 4:27:00 AM	3/18/2021 1:40:00 PM	Selenium	Dissolved	DNQ	0.27	µg/L	EPA 200.8	0.067	0.4	WKL	
MO-MPK	2020/21-3	Wet	3/10/2021 4:27:00 AM	3/18/2021 1:43:00 PM	Selenium	Total	=	0.51	µg/L	EPA 200.8	0.067	0.4	WKL	
MO-MPK	2020/21-3	Wet	3/10/2021 4:27:00 AM	3/18/2021 1:40:00 PM	Silver	Dissolved	<	0.03	µg/L	EPA 200.8	0.03	0.2	WKL	
MO-MPK	2020/21-3	Wet	3/10/2021 4:27:00 AM	3/18/2021 1:43:00 PM	Silver	Total	DNQ	0.079	µg/L	EPA 200.8	0.03	0.2	WKL	
MO-MPK	2020/21-3	Wet	3/10/2021 4:27:00 AM	3/18/2021 1:40:00 PM	Thallium	Dissolved	<	0.021	µg/L	EPA 200.8	0.021	0.2	WKL	
MO-MPK	2020/21-3	Wet	3/10/2021 4:27:00 AM	3/18/2021 1:43:00 PM	Thallium	Total	DNQ	0.14	µg/L	EPA 200.8	0.021	0.2	WKL	
MO-MPK	2020/21-3	Wet	3/10/2021 4:27:00 AM	3/18/2021 1:40:00 PM	Zinc	Dissolved	=	24	µg/L	EPA 200.8	0.8	10	WKL	
MO-MPK	2020/21-3	Wet	3/10/2021 4:27:00 AM	3/18/2021 1:43:00 PM	Zinc	Total	=	210	µg/L	EPA 200.8	0.8	10	WKL	
MO-MPK	2020/21-3	Wet	3/10/2021 4:27:00 AM	3/18/2021 3:55:00 PM	Ammonia as N	n/a	=	0.74	mg/L	EPA 350.1	0.047	0.1	WKL	
MO-MPK	2020/21-3	Wet	3/10/2021 4:27:00 AM	3/11/2021 7:16:00 PM	Nitrate + Nitrite as N	n/a	=	1.4	mg/L	EPA 353.2	0.036	0.2	WKL	
MO-MPK	2020/21-3	Wet	3/10/2021 4:27:00 AM	3/18/2021 7:25:00 PM	Phosphorus as P	Dissolved	=	0.47	mg/L	EPA 200.7	0.012	0.02	WKL	
MO-MPK	2020/21-3	Wet	3/10/2021 4:27:00 AM	3/18/2021 7:28:00 PM	Phosphorus as P	Total	=	2	mg/L	EPA 200.7	0.018	0.05	WKL	
MO-MPK	2020/21-3	Wet	3/10/2021 4:27:00 AM	3/19/2021 4:23:00 PM	TKN	n/a	=	3.4	mg/L	EPA 351.2	0.065	0.1	WKL	
MO-MPK	2020/21-3	Wet	3/10/2021 4:27:00 AM	4/2/2021 4:21:00 AM	1,2,4-Trichlorobenzene	n/a	<	4.9	µg/L	EPA 625.1	4.9	10	WKL	
MO-MPK	2020/21-3	Wet	3/10/2021 4:27:00 AM	4/2/2021 4:21:00 AM	1,2-Dichlorobenzene	n/a	<	4.6	µg/L	EPA 625.1	4.6	10	WKL	
MO-MPK	2020/21-3	Wet	3/10/2021 4:27:00 AM	4/2/2021 4:21:00 AM	1,2-Diphenylhydrazine	n/a	<	3	µg/L	EPA 625.1	3	10	WKL	
MO-MPK	2020/21-3	Wet	3/10/2021 4:27:00 AM	4/2/2021 4:21:00 AM	1,3-Dichlorobenzene	n/a	<	4.2	µg/L	EPA 625.1	4.2	10	WKL	
MO-MPK	2020/21-3	Wet	3/10/2021 4:27:00 AM	4/2/2021 4:21:00 AM	1,4-Dichlorobenzene	n/a	<	4.8	µg/L	EPA 625.1	4.8	10	WKL	
MO-MPK	2020/21-3	Wet	3/10/2021 4:27:00 AM	3/27/2021 7:00:00 AM	1-Methylnaphthalene	n/a	<	0.24	µg/L	EPA 8270C	0.24	1	WKL	
MO-MPK	2020/21-3	Wet	3/10/2021 4:27:00 AM	3/26/2021 5:18:00 AM	2,4,5-Trichlorophenol	n/a	<	2.9	µg/L	EPA 8270C	2.9	10	WKL	
MO-MPK	2020/21-3	Wet	3/10/2021 4:27:00 AM	3/26/2021 5:18:00 AM	2,4,6-Trichlorophenol	n/a	<	3	µg/L	EPA 8270C	3	10	WKL	
MO-MPK	2020/21-3	Wet	3/10/2021 4:27:00 AM	4/2/2021 4:21:00 AM	2,4,6-Trichlorophenol	n/a	<	2.2	µg/L	EPA 625.1	2.2	10	WKL	
MO-MPK	2020/21-3	Wet	3/10/2021 4:27:00 AM	4/2/2021 4:21:00 AM	2,4-Dichlorophenol	n/a	<	2.6	µg/L	EPA 625.1	2.6	10	WKL	
MO-MPK	2020/21-3	Wet	3/10/2021 4:27:00 AM	3/26/2021 5:18:00 AM	2,4-Dichlorophenol	n/a	<	5.1	µg/L	EPA 8270C	5.1	10	WKL	
MO-MPK	2020/21-3	Wet	3/10/2021 4:27:00 AM	4/2/2021 4:21:00 AM	2,4-Dimethylphenol	n/a	<	3	µg/L	EPA 625.1	3	10	WKL	
MO-MPK	2020/21-3	Wet	3/10/2021 4:27:00 AM	3/26/2021 5:18:00 AM	2,4-Dimethylphenol	n/a	<	10	µg/L	EPA 8270C	10	20	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-MPK	2020/21-3	Wet	3/10/2021 4:27:00 AM	4/2/2021 4:21:00 AM	2,4-Dinitrophenol	n/a	<	19	µg/L	EPA 625.1	19	100	WKL	
MO-MPK	2020/21-3	Wet	3/10/2021 4:27:00 AM	3/26/2021 5:18:00 AM	2,4-Dinitrophenol	n/a	<	10	µg/L	EPA 8270C	10	20	WKL	
MO-MPK	2020/21-3	Wet	3/10/2021 4:27:00 AM	4/2/2021 4:21:00 AM	2,4-Dinitrotoluene	n/a	<	1.8	µg/L	EPA 625.1	1.8	10	WKL	
MO-MPK	2020/21-3	Wet	3/10/2021 4:27:00 AM	4/2/2021 4:21:00 AM	2,6-Dinitrotoluene	n/a	<	2.7	µg/L	EPA 625.1	2.7	10	WKL	
MO-MPK	2020/21-3	Wet	3/10/2021 4:27:00 AM	4/2/2021 4:21:00 AM	2-Chloronaphthalene	n/a	<	4.5	µg/L	EPA 625.1	4.5	10	WKL	
MO-MPK	2020/21-3	Wet	3/10/2021 4:27:00 AM	3/26/2021 5:18:00 AM	2-Chlorophenol	n/a	<	6.5	µg/L	EPA 8270C	6.5	10	WKL	
MO-MPK	2020/21-3	Wet	3/10/2021 4:27:00 AM	4/2/2021 4:21:00 AM	2-Chlorophenol	n/a	<	2.8	µg/L	EPA 625.1	2.8	10	WKL	
MO-MPK	2020/21-3	Wet	3/10/2021 4:27:00 AM	3/27/2021 7:00:00 AM	2-Methylnaphthalene	n/a	<	0.26	µg/L	EPA 8270C	0.26	1	WKL	
MO-MPK	2020/21-3	Wet	3/10/2021 4:27:00 AM	3/26/2021 5:18:00 AM	2-Methylphenol	n/a	<	3.4	µg/L	EPA 8270C	3.4	10	WKL	
MO-MPK	2020/21-3	Wet	3/10/2021 4:27:00 AM	4/2/2021 4:21:00 AM	2-Nitrophenol	n/a	<	2.6	µg/L	EPA 625.1	2.6	10	WKL	
MO-MPK	2020/21-3	Wet	3/10/2021 4:27:00 AM	3/26/2021 5:18:00 AM	2-Nitrophenol	n/a	<	7.1	µg/L	EPA 8270C	7.1	10	WKL	
MO-MPK	2020/21-3	Wet	3/10/2021 4:27:00 AM	4/2/2021 4:21:00 AM	3,3'-Dichlorobenzidine	n/a	<	9.9	µg/L	EPA 625.1	9.9	50	WKL	
MO-MPK	2020/21-3	Wet	3/10/2021 4:27:00 AM	3/26/2021 5:18:00 AM	3-/4-Methylphenol	n/a	<	3	µg/L	EPA 8270C	3	10	WKL	
MO-MPK	2020/21-3	Wet	3/10/2021 4:27:00 AM	4/2/2021 4:21:00 AM	4,6-Dinitro-2-methylphenol	n/a	<	14	µg/L	EPA 625.1	14	50	WKL	
MO-MPK	2020/21-3	Wet	3/10/2021 4:27:00 AM	3/26/2021 5:18:00 AM	4,6-Dinitro-2-methylphenol	n/a	<	1.4	µg/L	EPA 8270C	1.4	10	WKL	
MO-MPK	2020/21-3	Wet	3/10/2021 4:27:00 AM	4/2/2021 4:21:00 AM	4-Bromophenyl phenyl ether	n/a	<	3.6	µg/L	EPA 625.1	3.6	10	WKL	
MO-MPK	2020/21-3	Wet	3/10/2021 4:27:00 AM	4/2/2021 4:21:00 AM	4-Chloro-3-methylphenol	n/a	<	2.3	µg/L	EPA 625.1	2.3	10	WKL	
MO-MPK	2020/21-3	Wet	3/10/2021 4:27:00 AM	3/26/2021 5:18:00 AM	4-Chloro-3-methylphenol	n/a	<	3.7	µg/L	EPA 8270C	3.7	10	WKL	
MO-MPK	2020/21-3	Wet	3/10/2021 4:27:00 AM	4/2/2021 4:21:00 AM	4-Chlorophenyl phenyl ether	n/a	<	4.1	µg/L	EPA 625.1	4.1	10	WKL	
MO-MPK	2020/21-3	Wet	3/10/2021 4:27:00 AM	4/2/2021 4:21:00 AM	4-Nitrophenol	n/a	<	12	µg/L	EPA 625.1	12	50	WKL	
MO-MPK	2020/21-3	Wet	3/10/2021 4:27:00 AM	3/26/2021 5:18:00 AM	4-Nitrophenol	n/a	<	10	µg/L	EPA 8270C	10	20	WKL	
MO-MPK	2020/21-3	Wet	3/10/2021 4:27:00 AM	4/2/2021 4:21:00 AM	Acenaphthene	n/a	<	3.8	µg/L	EPA 625.1	3.8	10	WKL	
MO-MPK	2020/21-3	Wet	3/10/2021 4:27:00 AM	3/27/2021 7:00:00 AM	Acenaphthene	n/a	<	0.28	µg/L	EPA 8270C	0.28	1	WKL	
MO-MPK	2020/21-3	Wet	3/10/2021 4:27:00 AM	4/2/2021 4:21:00 AM	Acenaphthylene	n/a	<	1.7	µg/L	EPA 625.1	1.7	10	WKL	
MO-MPK	2020/21-3	Wet	3/10/2021 4:27:00 AM	3/27/2021 7:00:00 AM	Acenaphthylene	n/a	<	0.33	µg/L	EPA 8270C	0.33	1	WKL	
MO-MPK	2020/21-3	Wet	3/10/2021 4:27:00 AM	4/2/2021 4:21:00 AM	Anthracene	n/a	<	1.2	µg/L	EPA 625.1	1.2	10	WKL	
MO-MPK	2020/21-3	Wet	3/10/2021 4:27:00 AM	3/27/2021 7:00:00 AM	Anthracene	n/a	<	0.25	µg/L	EPA 8270C	0.25	1	WKL	
MO-MPK	2020/21-3	Wet	3/10/2021 4:27:00 AM	3/27/2021 7:00:00 AM	Benz(a)anthracene	n/a	<	0.51	µg/L	EPA 8270C	0.51	1	WKL	
MO-MPK	2020/21-3	Wet	3/10/2021 4:27:00 AM	4/2/2021 4:21:00 AM	Benz(a)anthracene	n/a	<	1.9	µg/L	EPA 625.1	1.9	10	WKL	
MO-MPK	2020/21-3	Wet	3/10/2021 4:27:00 AM	4/2/2021 4:21:00 AM	Benzidine	n/a	<	14	µg/L	EPA 625.1	14	100	WKL	
MO-MPK	2020/21-3	Wet	3/10/2021 4:27:00 AM	3/17/2021 7:43:00 AM	Benzo(a)pyrene	n/a	<	0.08	µg/L	EPA 525.2	0.08	0.4	WKL	
MO-MPK	2020/21-3	Wet	3/10/2021 4:27:00 AM	4/2/2021 4:21:00 AM	Benzo(a)pyrene	n/a	<	3.9	µg/L	EPA 625.1	3.9	10	WKL	
MO-MPK	2020/21-3	Wet	3/10/2021 4:27:00 AM	3/27/2021 7:00:00 AM	Benzo(a)pyrene	n/a	<	0.51	µg/L	EPA 8270C	0.51	1	WKL	
MO-MPK	2020/21-3	Wet	3/10/2021 4:27:00 AM	4/2/2021 4:21:00 AM	Benzo(b)fluoranthene	n/a	<	4.6	µg/L	EPA 625.1	4.6	10	WKL	
MO-MPK	2020/21-3	Wet	3/10/2021 4:27:00 AM	3/27/2021 7:00:00 AM	Benzo(b)fluoranthene	n/a	<	0.27	µg/L	EPA 8270C	0.27	1	WKL	
MO-MPK	2020/21-3	Wet	3/10/2021 4:27:00 AM	4/2/2021 4:21:00 AM	Benzo(g,h,i)perylene	n/a	<	4.2	µg/L	EPA 625.1	4.2	20	WKL	
MO-MPK	2020/21-3	Wet	3/10/2021 4:27:00 AM	3/27/2021 7:00:00 AM	Benzo(g,h,i)perylene	n/a	<	0.5	µg/L	EPA 8270C	0.5	1	WKL	
MO-MPK	2020/21-3	Wet	3/10/2021 4:27:00 AM	3/27/2021 7:00:00 AM	Benzo(k)fluoranthene	n/a	<	0.26	µg/L	EPA 8270C	0.26	1	WKL	
MO-MPK	2020/21-3	Wet	3/10/2021 4:27:00 AM	4/2/2021 4:21:00 AM	Benzo(k)fluoranthene	n/a	<	2.2	µg/L	EPA 625.1	2.2	10	WKL	
MO-MPK	2020/21-3	Wet	3/10/2021 4:27:00 AM	4/2/2021 4:21:00 AM	Bis(2-chloroethoxy)methane	n/a	<	2.5	µg/L	EPA 625.1	2.5	10	WKL	
MO-MPK	2020/21-3	Wet	3/10/2021 4:27:00 AM	4/2/2021 4:21:00 AM	Bis(2-chloroethyl)ether	n/a	<	2.7	µg/L	EPA 625.1	2.7	10	WKL	
MO-MPK	2020/21-3	Wet	3/10/2021 4:27:00 AM	4/2/2021 4:21:00 AM	Bis(2-chloroisopropyl)ether	n/a	<	3.8	µg/L	EPA 625.1	3.8	10	WKL	
MO-MPK	2020/21-3	Wet	3/10/2021 4:27:00 AM	3/17/2021 7:43:00 AM	Bis(2-ethylhexyl)adipate	n/a	DNQ	5.3	µg/L	EPA 525.2	0.48	20	WKL	HB-LCSR
MO-MPK	2020/21-3	Wet	3/10/2021 4:27:00 AM	3/17/2021 7:43:00 AM	Bis(2-ethylhexyl)phthalate	n/a	DNQ	3	µg/L	EPA 525.2	1.6	12	WKL	UL-MB
MO-MPK	2020/21-3	Wet	3/10/2021 4:27:00 AM	4/2/2021 4:21:00 AM	Bis(2-ethylhexyl)phthalate	n/a	<	23	µg/L	EPA 625.1	23	50	WKL	
MO-MPK	2020/21-3	Wet	3/10/2021 4:27:00 AM	4/2/2021 4:21:00 AM	Butyl benzyl phthalate	n/a	DNQ	4.1	µg/L	EPA 625.1	1.8	10	WKL	
MO-MPK	2020/21-3	Wet	3/10/2021 4:27:00 AM	4/2/2021 4:21:00 AM	Chrysene	n/a	<	1.9	µg/L	EPA 625.1	1.9	10	WKL	
MO-MPK	2020/21-3	Wet	3/10/2021 4:27:00 AM	3/27/2021 7:00:00 AM	Chrysene	n/a	<	0.32	µg/L	EPA 8270C	0.32	1	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-MPK	2020/21-3	Wet	3/10/2021 4:27:00 AM	3/27/2021 7:00:00 AM	Dibenz(a,h)anthracene	n/a	<	0.96	µg/L	EPA 8270C	0.96	1	WKL	
MO-MPK	2020/21-3	Wet	3/10/2021 4:27:00 AM	4/2/2021 4:21:00 AM	Dibenz(a,h)anthracene	n/a	<	5.3	µg/L	EPA 625.1	5.3	20	WKL	
MO-MPK	2020/21-3	Wet	3/10/2021 4:27:00 AM	4/2/2021 4:21:00 AM	Diethyl phthalate	n/a	<	1.5	µg/L	EPA 625.1	1.5	10	WKL	
MO-MPK	2020/21-3	Wet	3/10/2021 4:27:00 AM	4/2/2021 4:21:00 AM	Dimethyl phthalate	n/a	<	1.8	µg/L	EPA 625.1	1.8	10	WKL	
MO-MPK	2020/21-3	Wet	3/10/2021 4:27:00 AM	4/2/2021 4:21:00 AM	Di-n-butylphthalate	n/a	<	1	µg/L	EPA 625.1	1	10	WKL	
MO-MPK	2020/21-3	Wet	3/10/2021 4:27:00 AM	4/2/2021 4:21:00 AM	Di-n-octylphthalate	n/a	<	4.6	µg/L	EPA 625.1	4.6	10	WKL	
MO-MPK	2020/21-3	Wet	3/10/2021 4:27:00 AM	4/2/2021 4:21:00 AM	Fluoranthene	n/a	<	0.8	µg/L	EPA 625.1	0.8	10	WKL	
MO-MPK	2020/21-3	Wet	3/10/2021 4:27:00 AM	3/27/2021 7:00:00 AM	Fluoranthene	n/a	<	0.39	µg/L	EPA 8270C	0.39	1	WKL	
MO-MPK	2020/21-3	Wet	3/10/2021 4:27:00 AM	3/27/2021 7:00:00 AM	Fluorene	n/a	<	0.29	µg/L	EPA 8270C	0.29	1	WKL	
MO-MPK	2020/21-3	Wet	3/10/2021 4:27:00 AM	4/2/2021 4:21:00 AM	Fluorene	n/a	<	3.5	µg/L	EPA 625.1	3.5	10	WKL	
MO-MPK	2020/21-3	Wet	3/10/2021 4:27:00 AM	4/2/2021 4:21:00 AM	Hexachlorobenzene	n/a	<	4.9	µg/L	EPA 625.1	4.9	10	WKL	
MO-MPK	2020/21-3	Wet	3/10/2021 4:27:00 AM	4/2/2021 4:21:00 AM	Hexachlorobutadiene	n/a	<	4.7	µg/L	EPA 625.1	4.7	10	WKL	
MO-MPK	2020/21-3	Wet	3/10/2021 4:27:00 AM	4/2/2021 4:21:00 AM	Hexachlorocyclopentadiene	n/a	<	9.8	µg/L	EPA 625.1	9.8	50	WKL	
MO-MPK	2020/21-3	Wet	3/10/2021 4:27:00 AM	4/2/2021 4:21:00 AM	Hexachloroethane	n/a	<	5	µg/L	EPA 625.1	5	10	WKL	
MO-MPK	2020/21-3	Wet	3/10/2021 4:27:00 AM	4/2/2021 4:21:00 AM	Indeno(1,2,3-cd)pyrene	n/a	<	5.5	µg/L	EPA 625.1	5.5	20	WKL	
MO-MPK	2020/21-3	Wet	3/10/2021 4:27:00 AM	3/27/2021 7:00:00 AM	Indeno(1,2,3-cd)pyrene	n/a	<	0.65	µg/L	EPA 8270C	0.65	1	WKL	
MO-MPK	2020/21-3	Wet	3/10/2021 4:27:00 AM	4/2/2021 4:21:00 AM	Isophorone	n/a	<	2.1	µg/L	EPA 625.1	2.1	10	WKL	
MO-MPK	2020/21-3	Wet	3/10/2021 4:27:00 AM	4/2/2021 4:21:00 AM	Naphthalene	n/a	<	4.9	µg/L	EPA 625.1	4.9	10	WKL	
MO-MPK	2020/21-3	Wet	3/10/2021 4:27:00 AM	3/27/2021 7:00:00 AM	Naphthalene	n/a	<	0.26	µg/L	EPA 8270C	0.26	1	WKL	
MO-MPK	2020/21-3	Wet	3/10/2021 4:27:00 AM	4/2/2021 4:21:00 AM	Nitrobenzene	n/a	<	3.6	µg/L	EPA 625.1	3.6	10	WKL	
MO-MPK	2020/21-3	Wet	3/10/2021 4:27:00 AM	4/2/2021 4:21:00 AM	N-Nitrosodimethylamine	n/a	<	5	µg/L	EPA 625.1	5	10	WKL	
MO-MPK	2020/21-3	Wet	3/10/2021 4:27:00 AM	4/2/2021 4:21:00 AM	N-Nitrosodi-N-propylamine	n/a	<	2.6	µg/L	EPA 625.1	2.6	10	WKL	
MO-MPK	2020/21-3	Wet	3/10/2021 4:27:00 AM	4/2/2021 4:21:00 AM	N-Nitrosodiphenylamine	n/a	<	1.9	µg/L	EPA 625.1	1.9	10	WKL	
MO-MPK	2020/21-3	Wet	3/10/2021 4:27:00 AM	4/2/2021 4:21:00 AM	Phenanthrene	n/a	<	3.2	µg/L	EPA 625.1	3.2	10	WKL	
MO-MPK	2020/21-3	Wet	3/10/2021 4:27:00 AM	3/27/2021 7:00:00 AM	Phenanthrene	n/a	<	0.29	µg/L	EPA 8270C	0.29	1	WKL	
MO-MPK	2020/21-3	Wet	3/10/2021 4:27:00 AM	4/2/2021 4:21:00 AM	Phenol	n/a	<	1.6	µg/L	EPA 625.1	1.6	10	WKL	
MO-MPK	2020/21-3	Wet	3/10/2021 4:27:00 AM	3/26/2021 5:18:00 AM	Phenol	n/a	<	3.5	µg/L	EPA 8270C	3.5	10	WKL	
MO-MPK	2020/21-3	Wet	3/10/2021 4:27:00 AM	4/2/2021 4:21:00 AM	Pyrene	n/a	<	2.5	µg/L	EPA 625.1	2.5	10	WKL	
MO-MPK	2020/21-3	Wet	3/10/2021 4:27:00 AM	3/27/2021 7:00:00 AM	Pyrene	n/a	<	0.4	µg/L	EPA 8270C	0.4	1	WKL	
MO-MPK	2020/21-3	Wet	3/10/2021 4:27:00 AM	4/3/2021 2:56:00 AM	PCB Aroclor 1016	n/a	<	10	µg/L	EPA 608.3	10	10	WKL	
MO-MPK	2020/21-3	Wet	3/10/2021 4:27:00 AM	4/3/2021 2:56:00 AM	PCB Aroclor 1221	n/a	<	10	µg/L	EPA 608.3	10	10	WKL	
MO-MPK	2020/21-3	Wet	3/10/2021 4:27:00 AM	4/3/2021 2:56:00 AM	PCB Aroclor 1232	n/a	<	10	µg/L	EPA 608.3	10	10	WKL	
MO-MPK	2020/21-3	Wet	3/10/2021 4:27:00 AM	4/3/2021 2:56:00 AM	PCB Aroclor 1242	n/a	<	10	µg/L	EPA 608.3	10	10	WKL	
MO-MPK	2020/21-3	Wet	3/10/2021 4:27:00 AM	4/3/2021 2:56:00 AM	PCB Aroclor 1248	n/a	<	10	µg/L	EPA 608.3	10	10	WKL	
MO-MPK	2020/21-3	Wet	3/10/2021 4:27:00 AM	4/3/2021 2:56:00 AM	PCB Aroclor 1254	n/a	<	10	µg/L	EPA 608.3	10	10	WKL	
MO-MPK	2020/21-3	Wet	3/10/2021 4:27:00 AM	4/3/2021 2:56:00 AM	PCB Aroclor 1260	n/a	<	10	µg/L	EPA 608.3	10	10	WKL	
MO-MPK	2020/21-3	Wet	3/10/2021 4:27:00 AM	3/27/2021 10:40:00 PM	2,4,5-T	n/a	<	0.28	µg/L	EPA 515.4	0.28	1	WKL	
MO-MPK	2020/21-3	Wet	3/10/2021 4:27:00 AM	3/27/2021 10:40:00 PM	2,4,5-TP	n/a	<	0.23	µg/L	EPA 515.4	0.23	1	WKL	
MO-MPK	2020/21-3	Wet	3/10/2021 4:27:00 AM	3/27/2021 10:40:00 PM	2,4-D	n/a	<	0.7	µg/L	EPA 515.4	0.7	2	WKL	
MO-MPK	2020/21-3	Wet	3/10/2021 4:27:00 AM	3/27/2021 10:40:00 PM	2,4-DB	n/a	<	0.95	µg/L	EPA 515.4	0.95	10	WKL	
MO-MPK	2020/21-3	Wet	3/10/2021 4:27:00 AM	3/27/2021 10:40:00 PM	3,5-Dichlorobenzoic acid	n/a	<	0.6	µg/L	EPA 515.4	0.6	5	WKL	
MO-MPK	2020/21-3	Wet	3/10/2021 4:27:00 AM	4/3/2021 2:56:00 AM	4,4'-DDD	n/a	<	0.014	µg/L	EPA 608.3	0.014	1	WKL	
MO-MPK	2020/21-3	Wet	3/10/2021 4:27:00 AM	4/3/2021 2:56:00 AM	4,4'-DDE	n/a	DNQ	0.073	µg/L	EPA 608.3	0.014	1	WKL	
MO-MPK	2020/21-3	Wet	3/10/2021 4:27:00 AM	4/3/2021 2:56:00 AM	4,4'-DDT	n/a	<	0.022	µg/L	EPA 608.3	0.022	0.2	WKL	
MO-MPK	2020/21-3	Wet	3/10/2021 4:27:00 AM	3/27/2021 10:40:00 PM	Acifluorfen	n/a	<	0.36	µg/L	EPA 515.4	0.36	2	WKL	
MO-MPK	2020/21-3	Wet	3/10/2021 4:27:00 AM	3/17/2021 7:43:00 AM	Alachlor	n/a	<	0.12	µg/L	EPA 525.2	0.12	0.4	WKL	
MO-MPK	2020/21-3	Wet	3/10/2021 4:27:00 AM	4/3/2021 2:56:00 AM	Aldrin	n/a	<	0.02	µg/L	EPA 608.3	0.02	0.1	WKL	
MO-MPK	2020/21-3	Wet	3/10/2021 4:27:00 AM	4/3/2021 2:56:00 AM	alpha-BHC	n/a	<	0.022	µg/L	EPA 608.3	0.022	0.2	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-MPK	2020/21-3	Wet	3/10/2021 4:27:00 AM	4/3/2021 2:56:00 AM	alpha-Chlordane	n/a	<	0.058	µg/L	EPA 608.3	0.058	0.2	WKL	
MO-MPK	2020/21-3	Wet	3/10/2021 4:27:00 AM	3/17/2021 7:43:00 AM	Atrazine	n/a	<	0.12	µg/L	EPA 525.2	0.12	0.4	WKL	
MO-MPK	2020/21-3	Wet	3/10/2021 4:27:00 AM	3/18/2021 3:58:00 AM	Azinphos methyl	n/a	<	0.011	µg/L	EPA 625.1m	0.011	0.02	WKL	
MO-MPK	2020/21-3	Wet	3/10/2021 4:27:00 AM	3/27/2021 10:40:00 PM	Bentazon	n/a	<	1.2	µg/L	EPA 515.4	1.2	10	WKL	
MO-MPK	2020/21-3	Wet	3/10/2021 4:27:00 AM	4/3/2021 2:56:00 AM	beta-BHC	n/a	<	0.03	µg/L	EPA 608.3	0.03	0.1	WKL	
MO-MPK	2020/21-3	Wet	3/10/2021 4:27:00 AM	3/18/2021 3:58:00 AM	Bolstar	n/a	<	0.0092	µg/L	EPA 625.1m	0.0092	0.02	WKL	
MO-MPK	2020/21-3	Wet	3/10/2021 4:27:00 AM	3/17/2021 7:43:00 AM	Bromacil	n/a	<	0.64	µg/L	EPA 525.2	0.64	2	WKL	
MO-MPK	2020/21-3	Wet	3/10/2021 4:27:00 AM	3/17/2021 7:43:00 AM	Butachlor	n/a	<	0.12	µg/L	EPA 525.2	0.12	0.4	WKL	
MO-MPK	2020/21-3	Wet	3/10/2021 4:27:00 AM	3/17/2021 7:43:00 AM	Captan	n/a	<	0.64	µg/L	EPA 525.2	0.64	4	WKL	
MO-MPK	2020/21-3	Wet	3/10/2021 4:27:00 AM	4/3/2021 2:56:00 AM	Chlordane (technical)	n/a	<	10	µg/L	EPA 608.3	10	10	WKL	
MO-MPK	2020/21-3	Wet	3/10/2021 4:27:00 AM	3/17/2021 7:43:00 AM	Chlorpropham	n/a	<	0.16	µg/L	EPA 525.2	0.16	0.4	WKL	
MO-MPK	2020/21-3	Wet	3/10/2021 4:27:00 AM	3/18/2021 3:58:00 AM	Chlorpyrifos	n/a	<	0.014	µg/L	EPA 625.1m	0.014	0.02	WKL	
MO-MPK	2020/21-3	Wet	3/10/2021 4:27:00 AM	3/18/2021 3:58:00 AM	Coumaphos	n/a	<	0.01	µg/L	EPA 625.1m	0.01	0.02	WKL	
MO-MPK	2020/21-3	Wet	3/10/2021 4:27:00 AM	3/17/2021 7:43:00 AM	Cyanazine	n/a	<	0.16	µg/L	EPA 525.2	0.16	0.4	WKL	
MO-MPK	2020/21-3	Wet	3/10/2021 4:27:00 AM	3/27/2021 10:40:00 PM	Dalapon	n/a	<	0.55	µg/L	EPA 515.4	0.55	2	WKL	
MO-MPK	2020/21-3	Wet	3/10/2021 4:27:00 AM	3/27/2021 10:40:00 PM	DCPA (Dacthal)	n/a	<	0.26	µg/L	EPA 515.4	0.26	0.5	WKL	
MO-MPK	2020/21-3	Wet	3/10/2021 4:27:00 AM	4/3/2021 2:56:00 AM	delta-BHC	n/a	<	0.1	µg/L	EPA 608.3	0.1	0.1	WKL	
MO-MPK	2020/21-3	Wet	3/10/2021 4:27:00 AM	3/18/2021 3:58:00 AM	Demeton-O	n/a	<	0.02	µg/L	EPA 625.1m	0.02	0.02	WKL	
MO-MPK	2020/21-3	Wet	3/10/2021 4:27:00 AM	3/18/2021 3:58:00 AM	Demeton-S	n/a	<	0.02	µg/L	EPA 625.1m	0.02	0.02	WKL	
MO-MPK	2020/21-3	Wet	3/10/2021 4:27:00 AM	3/18/2021 3:58:00 AM	Diazinon	n/a	<	0.01	µg/L	EPA 625.1m	0.01	0.02	WKL	
MO-MPK	2020/21-3	Wet	3/10/2021 4:27:00 AM	3/17/2021 7:43:00 AM	Diazinon	n/a	<	0.2	µg/L	EPA 525.2	0.2	0.4	WKL	
MO-MPK	2020/21-3	Wet	3/10/2021 4:27:00 AM	3/27/2021 10:40:00 PM	Dicamba	n/a	<	0.38	µg/L	EPA 515.4	0.38	3	WKL	
MO-MPK	2020/21-3	Wet	3/10/2021 4:27:00 AM	3/27/2021 10:40:00 PM	Dichlorprop	n/a	<	0.6	µg/L	EPA 515.4	0.6	1.5	WKL	
MO-MPK	2020/21-3	Wet	3/10/2021 4:27:00 AM	3/18/2021 3:58:00 AM	Dichlorvos	n/a	<	0.0058	µg/L	EPA 625.1m	0.0058	0.02	WKL	
MO-MPK	2020/21-3	Wet	3/10/2021 4:27:00 AM	4/3/2021 2:56:00 AM	Dieldrin	n/a	<	0.016	µg/L	EPA 608.3	0.016	0.2	WKL	
MO-MPK	2020/21-3	Wet	3/10/2021 4:27:00 AM	3/17/2021 7:43:00 AM	Dimethoate	n/a	<	0.08	µg/L	EPA 525.2	0.08	0.8	WKL	
MO-MPK	2020/21-3	Wet	3/10/2021 4:27:00 AM	3/18/2021 3:58:00 AM	Dimethoate	n/a	<	0.012	µg/L	EPA 625.1m	0.012	0.02	WKL	
MO-MPK	2020/21-3	Wet	3/10/2021 4:27:00 AM	3/27/2021 10:40:00 PM	Dinoseb	n/a	<	0.28	µg/L	EPA 515.4	0.28	2	WKL	
MO-MPK	2020/21-3	Wet	3/10/2021 4:27:00 AM	3/17/2021 7:43:00 AM	Diphenamid	n/a	<	0.12	µg/L	EPA 525.2	0.12	0.4	WKL	
MO-MPK	2020/21-3	Wet	3/10/2021 4:27:00 AM	3/17/2021 7:43:00 AM	Disulfoton	n/a	<	0.16	µg/L	EPA 525.2	0.16	0.4	WKL	
MO-MPK	2020/21-3	Wet	3/10/2021 4:27:00 AM	3/18/2021 3:58:00 AM	Disulfoton	n/a	<	0.02	µg/L	EPA 625.1m	0.02	0.02	WKL	
MO-MPK	2020/21-3	Wet	3/10/2021 4:27:00 AM	4/3/2021 2:56:00 AM	Endosulfan I	n/a	<	0.018	µg/L	EPA 608.3	0.018	0.4	WKL	
MO-MPK	2020/21-3	Wet	3/10/2021 4:27:00 AM	4/3/2021 2:56:00 AM	Endosulfan II	n/a	<	0.014	µg/L	EPA 608.3	0.014	0.2	WKL	
MO-MPK	2020/21-3	Wet	3/10/2021 4:27:00 AM	4/3/2021 2:56:00 AM	Endosulfan sulfate	n/a	<	0.026	µg/L	EPA 608.3	0.026	1	WKL	
MO-MPK	2020/21-3	Wet	3/10/2021 4:27:00 AM	4/3/2021 2:56:00 AM	Endrin	n/a	<	0.034	µg/L	EPA 608.3	0.034	0.2	WKL	
MO-MPK	2020/21-3	Wet	3/10/2021 4:27:00 AM	4/3/2021 2:56:00 AM	Endrin aldehyde	n/a	<	0.038	µg/L	EPA 608.3	0.038	0.2	WKL	
MO-MPK	2020/21-3	Wet	3/10/2021 4:27:00 AM	3/17/2021 7:43:00 AM	EPTC	n/a	<	0.08	µg/L	EPA 525.2	0.08	0.4	WKL	
MO-MPK	2020/21-3	Wet	3/10/2021 4:27:00 AM	3/18/2021 3:58:00 AM	Ethoprop	n/a	<	0.013	µg/L	EPA 625.1m	0.013	0.02	WKL	
MO-MPK	2020/21-3	Wet	3/10/2021 4:27:00 AM	3/18/2021 3:58:00 AM	Ethyl parathion	n/a	<	0.011	µg/L	EPA 625.1m	0.011	0.02	WKL	
MO-MPK	2020/21-3	Wet	3/10/2021 4:27:00 AM	3/18/2021 3:58:00 AM	Fensulfotion	n/a	<	0.0058	µg/L	EPA 625.1m	0.0058	0.02	WKL	
MO-MPK	2020/21-3	Wet	3/10/2021 4:27:00 AM	3/18/2021 3:58:00 AM	Fenthion	n/a	<	0.0076	µg/L	EPA 625.1m	0.0076	0.02	WKL	
MO-MPK	2020/21-3	Wet	3/10/2021 4:27:00 AM	4/3/2021 2:56:00 AM	gamma-BHC (Lindane)	n/a	<	0.008	µg/L	EPA 608.3	0.008	0.4	WKL	
MO-MPK	2020/21-3	Wet	3/10/2021 4:27:00 AM	4/3/2021 2:56:00 AM	gamma-Chlordane	n/a	<	0.046	µg/L	EPA 608.3	0.046	0.2	WKL	
MO-MPK	2020/21-3	Wet	3/10/2021 4:27:00 AM	3/18/2021 4:39:00 AM	Glyphosate	n/a	=	280	µg/L	EPA 547	9	25	WKL	
MO-MPK	2020/21-3	Wet	3/10/2021 4:27:00 AM	4/3/2021 2:56:00 AM	Heptachlor	n/a	<	0.012	µg/L	EPA 608.3	0.012	0.2	WKL	
MO-MPK	2020/21-3	Wet	3/10/2021 4:27:00 AM	4/3/2021 2:56:00 AM	Heptachlor epoxide	n/a	<	0.2	µg/L	EPA 608.3	0.2	0.2	WKL	
MO-MPK	2020/21-3	Wet	3/10/2021 4:27:00 AM	3/18/2021 3:58:00 AM	Malathion	n/a	=	0.021	µg/L	EPA 625.1m	0.015	0.02	WKL	
MO-MPK	2020/21-3	Wet	3/10/2021 4:27:00 AM	3/18/2021 3:58:00 AM	Merphos	n/a	<	0.012	µg/L	EPA 625.1m	0.012	0.02	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-MPK	2020/21-3	Wet	3/10/2021 4:27:00 AM	3/18/2021 3:58:00 AM	Methyl parathion	n/a	<	0.013	µg/L	EPA 625.1m	0.013	0.02	WKL	
MO-MPK	2020/21-3	Wet	3/10/2021 4:27:00 AM	3/17/2021 7:43:00 AM	Metolachlor	n/a	<	0.12	µg/L	EPA 525.2	0.12	0.4	WKL	
MO-MPK	2020/21-3	Wet	3/10/2021 4:27:00 AM	3/17/2021 7:43:00 AM	Metribuzin	n/a	<	0.12	µg/L	EPA 525.2	0.12	0.4	WKL	
MO-MPK	2020/21-3	Wet	3/10/2021 4:27:00 AM	3/18/2021 3:58:00 AM	Mevinphos	n/a	<	0.0084	µg/L	EPA 625.1m	0.0084	0.02	WKL	
MO-MPK	2020/21-3	Wet	3/10/2021 4:27:00 AM	3/17/2021 7:43:00 AM	Molinate	n/a	<	0.12	µg/L	EPA 525.2	0.12	0.4	WKL	
MO-MPK	2020/21-3	Wet	3/10/2021 4:27:00 AM	3/18/2021 3:58:00 AM	Naled	n/a	<	0.015	µg/L	EPA 625.1m	0.015	0.02	WKL	
MO-MPK	2020/21-3	Wet	3/10/2021 4:27:00 AM	4/2/2021 4:21:00 AM	Pentachlorophenol	n/a	<	4	µg/L	EPA 625.1	4	10	WKL	
MO-MPK	2020/21-3	Wet	3/10/2021 4:27:00 AM	3/26/2021 5:18:00 AM	Pentachlorophenol	n/a	DNQ	1.7	µg/L	EPA 8270C	1.5	10	WKL	
MO-MPK	2020/21-3	Wet	3/10/2021 4:27:00 AM	3/27/2021 10:40:00 PM	Pentachlorophenol	n/a	<	0.23	µg/L	EPA 515.4	0.23	1	WKL	
MO-MPK	2020/21-3	Wet	3/10/2021 4:27:00 AM	3/18/2021 3:58:00 AM	Phorate	n/a	<	0.006	µg/L	EPA 625.1m	0.006	0.02	WKL	
MO-MPK	2020/21-3	Wet	3/10/2021 4:27:00 AM	3/27/2021 10:40:00 PM	Picloram	n/a	<	0.19	µg/L	EPA 515.4	0.19	3	WKL	
MO-MPK	2020/21-3	Wet	3/10/2021 4:27:00 AM	3/17/2021 7:43:00 AM	Prometon	n/a	<	0.04	µg/L	EPA 525.2	0.04	0.4	WKL	
MO-MPK	2020/21-3	Wet	3/10/2021 4:27:00 AM	3/17/2021 7:43:00 AM	Prometryn	n/a	DNQ	0.27	µg/L	EPA 525.2	0.12	0.4	WKL	
MO-MPK	2020/21-3	Wet	3/10/2021 4:27:00 AM	3/18/2021 3:58:00 AM	Ronnel (Fenchlorphos)	n/a	<	0.0082	µg/L	EPA 625.1m	0.0082	0.02	WKL	
MO-MPK	2020/21-3	Wet	3/10/2021 4:27:00 AM	3/17/2021 7:43:00 AM	Simazine	n/a	<	0.08	µg/L	EPA 525.2	0.08	0.4	WKL	
MO-MPK	2020/21-3	Wet	3/10/2021 4:27:00 AM	3/18/2021 3:58:00 AM	Stirophos (Tetrachlorvinphos)	n/a	<	0.0062	µg/L	EPA 625.1m	0.0062	0.02	WKL	
MO-MPK	2020/21-3	Wet	3/10/2021 4:27:00 AM	3/17/2021 7:43:00 AM	Terbacil	n/a	<	0.36	µg/L	EPA 525.2	0.36	8	WKL	
MO-MPK	2020/21-3	Wet	3/10/2021 4:27:00 AM	3/17/2021 7:43:00 AM	Thiobencarb	n/a	<	0.12	µg/L	EPA 525.2	0.12	0.4	WKL	
MO-MPK	2020/21-3	Wet	3/10/2021 4:27:00 AM	3/18/2021 3:58:00 AM	Tokuthion	n/a	<	0.016	µg/L	EPA 625.1m	0.016	0.02	WKL	
MO-MPK	2020/21-3	Wet	3/10/2021 4:27:00 AM	4/3/2021 2:56:00 AM	Toxaphene	n/a	<	20	µg/L	EPA 608.3	20	20	WKL	
MO-MPK	2020/21-3	Wet	3/10/2021 4:27:00 AM	3/18/2021 3:58:00 AM	Trichloronate	n/a	<	0.013	µg/L	EPA 625.1m	0.013	0.02	WKL	
MO-MPK	2020/21-3	Wet	3/10/2021 4:27:00 AM	3/17/2021 7:43:00 AM	Trithion	n/a	<	0.08	µg/L	EPA 525.2	0.08	0.4	WKL	
MO-MPK	2020/21-4	Dry	4/29/2021 7:40:00 AM	4/30/2021 3:03:00 PM	Chloride	n/a	=	260	mg/L	EPA 300.0	0.17	1	WKL	
MO-MPK	2020/21-4	Dry	4/29/2021 7:40:00 AM	4/30/2021 3:03:00 PM	Fluoride	n/a	=	1.1	mg/L	EPA 300.0	0.018	0.2	WKL	
MO-MPK	2020/21-4	Dry	4/29/2021 7:40:00 AM	4/30/2021 9:45:00 PM	Perchlorate	n/a	<	1.7	µg/L	EPA 314.0	1.7	4	WKL	
MO-MPK	2020/21-4	Dry	4/29/2021 7:40:00 AM	5/4/2021 6:08:00 PM	Calcium	Total	=	60.1	mg/L	EPA 200.7	0.16	0.5	WKL	
MO-MPK	2020/21-4	Dry	4/29/2021 7:40:00 AM	5/4/2021 6:08:00 PM	Magnesium	Total	=	20.6	mg/L	EPA 200.7	0.039	0.5	WKL	
MO-MPK	2020/21-4	Dry	4/29/2021 7:40:00 AM	5/4/2021 12:48:00 PM	Alkalinity as CaCO3	n/a	=	180	mg/L	SM 2320 B	0.56	5	WKL	
MO-MPK	2020/21-4	Dry	4/29/2021 7:40:00 AM	5/5/2021 2:47:00 PM	BOD	n/a	=	5	mg/L	SM 5210 B	2	2	WKL	
MO-MPK	2020/21-4	Dry	4/29/2021 7:40:00 AM	5/10/2021 11:09:00 AM	COD	n/a	=	79	mg/L	EPA 410.4	2.9	5	WKL	
MO-MPK	2020/21-4	Dry	4/29/2021 7:40:00 AM	5/4/2021 6:08:00 PM	Hardness as CaCO3	Total	=	235	mg/L	EPA 200.7	0.56	3.31	WKL	
MO-MPK	2020/21-4	Dry	4/29/2021 7:40:00 AM	4/30/2021 6:25:00 PM	MBAS	n/a	=	0.092	mg/L	SM 5540 C	0.017	0.05	WKL	
MO-MPK	2020/21-4	Dry	4/29/2021 7:40:00 AM	5/4/2021 2:01:00 PM	Phenolics	n/a	=	0.031	mg/L	EPA 420.4	0.0032	0.01	WKL	
MO-MPK	2020/21-4	Dry	4/29/2021 7:40:00 AM	5/7/2021 1:05:00 PM	Specific Conductance	n/a	=	1500	µmhos/cm	SM 2510 B	0.7	6	WKL	
MO-MPK	2020/21-4	Dry	4/29/2021 7:40:00 AM	5/3/2021 12:40:00 PM	Total Dissolved Solids	n/a	=	930	mg/L	SM 2540 C	4	10	WKL	
MO-MPK	2020/21-4	Dry	4/29/2021 7:40:00 AM	5/6/2021 12:00:00 PM	Total Organic Carbon	n/a	=	21	mg/L	SM 5310 B	0.096	0.3	WKL	
MO-MPK	2020/21-4	Dry	4/29/2021 7:40:00 AM	5/3/2021 1:20:00 PM	Total Suspended Solids	n/a	DNQ	0.8	mg/L	SM 2540 D	-88	5	WKL	
MO-MPK	2020/21-4	Dry	4/29/2021 7:40:00 AM	4/29/2021 5:39:00 PM	Turbidity	n/a	=	0.95	NTU	EPA 180.1	0.017	0.1	WKL	
MO-MPK	2020/21-4	Dry	4/29/2021 7:40:00 AM	5/3/2021 1:20:00 PM	Volatile Suspended Solids	n/a	<	3.1	mg/L	EPA 160.4	3.1	5	WKL	
MO-MPK	2020/21-4	Dry	4/29/2021 7:40:00 AM	5/5/2021 11:05:00 PM	Diesel Range Organics	n/a	=	0.13	mg/L	EPA 8015B	0.032	0.1	WKL	UL-MB
MO-MPK	2020/21-4	Dry	4/29/2021 7:40:00 AM	5/5/2021 11:05:00 PM	Oil Range Organics	n/a	<	0.33	mg/L	EPA 8015B	0.33	0.5	WKL	
MO-MPK	2020/21-4	Dry	4/29/2021 7:40:00 AM	5/4/2021 4:20:00 PM	Aluminum	Dissolved	DNQ	6	µg/L	EPA 200.8	4.4	20	WKL	
MO-MPK	2020/21-4	Dry	4/29/2021 7:40:00 AM	5/4/2021 4:23:00 PM	Aluminum	Total	DNQ	15	µg/L	EPA 200.8	4.4	20	WKL	
MO-MPK	2020/21-4	Dry	4/29/2021 7:40:00 AM	5/4/2021 4:20:00 PM	Antimony	Dissolved	=	0.73	µg/L	EPA 200.8	0.089	0.5	WKL	
MO-MPK	2020/21-4	Dry	4/29/2021 7:40:00 AM	5/4/2021 4:23:00 PM	Antimony	Total	=	0.75	µg/L	EPA 200.8	0.089	0.5	WKL	
MO-MPK	2020/21-4	Dry	4/29/2021 7:40:00 AM	5/4/2021 4:20:00 PM	Arsenic	Dissolved	=	3.1	µg/L	EPA 200.8	0.074	0.4	WKL	
MO-MPK	2020/21-4	Dry	4/29/2021 7:40:00 AM	5/4/2021 4:23:00 PM	Arsenic	Total	=	3.1	µg/L	EPA 200.8	0.074	0.4	WKL	
MO-MPK	2020/21-4	Dry	4/29/2021 7:40:00 AM	5/4/2021 4:23:00 PM	Barium	Total	=	84	µg/L	EPA 200.8	0.14	1	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-MPK	2020/21-4	Dry	4/29/2021 7:40:00 AM	5/4/2021 4:20:00 PM	Beryllium	Dissolved	<	0.062	µg/L	EPA 200.8	0.062	0.1	WKL	
MO-MPK	2020/21-4	Dry	4/29/2021 7:40:00 AM	5/4/2021 4:23:00 PM	Beryllium	Total	<	0.062	µg/L	EPA 200.8	0.062	0.1	WKL	
MO-MPK	2020/21-4	Dry	4/29/2021 7:40:00 AM	5/4/2021 4:20:00 PM	Cadmium	Dissolved	DNQ	0.1	µg/L	EPA 200.8	0.042	0.2	WKL	
MO-MPK	2020/21-4	Dry	4/29/2021 7:40:00 AM	5/4/2021 4:23:00 PM	Cadmium	Total	DNQ	0.1	µg/L	EPA 200.8	0.042	0.2	WKL	
MO-MPK	2020/21-4	Dry	4/29/2021 7:40:00 AM	5/4/2021 4:20:00 PM	Chromium	Dissolved	=	0.39	µg/L	EPA 200.8	0.089	0.2	WKL	
MO-MPK	2020/21-4	Dry	4/29/2021 7:40:00 AM	5/4/2021 4:23:00 PM	Chromium	Total	=	0.37	µg/L	EPA 200.8	0.089	0.2	WKL	
MO-MPK	2020/21-4	Dry	4/29/2021 7:40:00 AM	5/3/2021 6:59:00 PM	Chromium VI	n/a	=	0.16	µg/L	EPA 218.6	0.0079	0.02	WKL	
MO-MPK	2020/21-4	Dry	4/29/2021 7:40:00 AM	5/4/2021 4:20:00 PM	Copper	Dissolved	=	9.6	µg/L	EPA 200.8	0.23	0.5	WKL	
MO-MPK	2020/21-4	Dry	4/29/2021 7:40:00 AM	5/4/2021 4:23:00 PM	Copper	Total	=	9.6	µg/L	EPA 200.8	0.23	0.5	WKL	
MO-MPK	2020/21-4	Dry	4/29/2021 7:40:00 AM	5/4/2021 4:20:00 PM	Iron	Dissolved	DNQ	14	µg/L	EPA 200.8	3.9	20	WKL	
MO-MPK	2020/21-4	Dry	4/29/2021 7:40:00 AM	5/4/2021 4:23:00 PM	Iron	Total	=	26	µg/L	EPA 200.8	3.9	20	WKL	
MO-MPK	2020/21-4	Dry	4/29/2021 7:40:00 AM	5/4/2021 4:20:00 PM	Lead	Dissolved	DNQ	0.12	µg/L	EPA 200.8	0.083	0.2	WKL	
MO-MPK	2020/21-4	Dry	4/29/2021 7:40:00 AM	5/4/2021 4:23:00 PM	Lead	Total	DNQ	0.12	µg/L	EPA 200.8	0.083	0.2	WKL	
MO-MPK	2020/21-4	Dry	4/29/2021 7:40:00 AM	5/5/2021 5:14:00 PM	Mercury	Dissolved	<	17	ng/L	EPA 245.1	17	50	WKL	
MO-MPK	2020/21-4	Dry	4/29/2021 7:40:00 AM	5/5/2021 5:27:00 PM	Mercury	Total	<	17	ng/L	EPA 245.1	17	50	WKL	
MO-MPK	2020/21-4	Dry	4/29/2021 7:40:00 AM	5/4/2021 4:20:00 PM	Nickel	Dissolved	=	2.1	µg/L	EPA 200.8	0.16	2	WKL	
MO-MPK	2020/21-4	Dry	4/29/2021 7:40:00 AM	5/4/2021 4:23:00 PM	Nickel	Total	=	2.2	µg/L	EPA 200.8	0.16	2	WKL	
MO-MPK	2020/21-4	Dry	4/29/2021 7:40:00 AM	5/4/2021 4:20:00 PM	Selenium	Dissolved	DNQ	0.23	µg/L	EPA 200.8	0.067	0.4	WKL	
MO-MPK	2020/21-4	Dry	4/29/2021 7:40:00 AM	5/4/2021 4:23:00 PM	Selenium	Total	DNQ	0.27	µg/L	EPA 200.8	0.067	0.4	WKL	
MO-MPK	2020/21-4	Dry	4/29/2021 7:40:00 AM	5/4/2021 4:20:00 PM	Silver	Dissolved	<	0.03	µg/L	EPA 200.8	0.03	0.2	WKL	
MO-MPK	2020/21-4	Dry	4/29/2021 7:40:00 AM	5/4/2021 4:23:00 PM	Silver	Total	<	0.03	µg/L	EPA 200.8	0.03	0.2	WKL	
MO-MPK	2020/21-4	Dry	4/29/2021 7:40:00 AM	5/4/2021 4:20:00 PM	Thallium	Dissolved	<	0.021	µg/L	EPA 200.8	0.021	0.2	WKL	
MO-MPK	2020/21-4	Dry	4/29/2021 7:40:00 AM	5/4/2021 4:23:00 PM	Thallium	Total	<	0.021	µg/L	EPA 200.8	0.021	0.2	WKL	
MO-MPK	2020/21-4	Dry	4/29/2021 7:40:00 AM	5/4/2021 4:20:00 PM	Zinc	Dissolved	DNQ	5	µg/L	EPA 200.8	0.8	10	WKL	
MO-MPK	2020/21-4	Dry	4/29/2021 7:40:00 AM	5/4/2021 4:23:00 PM	Zinc	Total	DNQ	4.6	µg/L	EPA 200.8	0.8	10	WKL	
MO-MPK	2020/21-4	Dry	4/29/2021 7:40:00 AM	5/6/2021 2:01:00 PM	Ammonia as N	n/a	<	0.047	mg/L	EPA 350.1	0.047	0.1	WKL	
MO-MPK	2020/21-4	Dry	4/29/2021 7:40:00 AM	4/29/2021 6:22:00 PM	Nitrate + Nitrite as N	n/a	<	0.036	mg/L	EPA 353.2	0.036	0.2	WKL	
MO-MPK	2020/21-4	Dry	4/29/2021 7:40:00 AM	5/4/2021 6:05:00 PM	Phosphorus as P	Dissolved	DNQ	0.044	mg/L	EPA 200.7	0.018	0.05	WKL	
MO-MPK	2020/21-4	Dry	4/29/2021 7:40:00 AM	5/4/2021 6:08:00 PM	Phosphorus as P	Total	=	0.061	mg/L	EPA 200.7	0.018	0.05	WKL	
MO-MPK	2020/21-4	Dry	4/29/2021 7:40:00 AM	5/7/2021 1:34:00 PM	TKN	n/a	=	2.1	mg/L	EPA 351.2	0.065	0.1	WKL	
MO-MPK	2020/21-4	Dry	4/29/2021 7:40:00 AM	5/27/2021 7:38:00 AM	1,2,4-Trichlorobenzene	n/a	<	4.9	µg/L	EPA 625.1	4.9	10	WKL	
MO-MPK	2020/21-4	Dry	4/29/2021 7:40:00 AM	5/27/2021 7:38:00 AM	1,2-Dichlorobenzene	n/a	<	4.6	µg/L	EPA 625.1	4.6	10	WKL	
MO-MPK	2020/21-4	Dry	4/29/2021 7:40:00 AM	5/27/2021 7:38:00 AM	1,2-Diphenylhydrazine	n/a	<	3	µg/L	EPA 625.1	3	10	WKL	
MO-MPK	2020/21-4	Dry	4/29/2021 7:40:00 AM	5/27/2021 7:38:00 AM	1,3-Dichlorobenzene	n/a	<	4.2	µg/L	EPA 625.1	4.2	10	WKL	
MO-MPK	2020/21-4	Dry	4/29/2021 7:40:00 AM	5/27/2021 7:38:00 AM	1,4-Dichlorobenzene	n/a	<	4.8	µg/L	EPA 625.1	4.8	10	WKL	
MO-MPK	2020/21-4	Dry	4/29/2021 7:40:00 AM	5/5/2021 7:23:00 AM	1-Methylnaphthalene	n/a	<	0.24	µg/L	EPA 8270C	0.24	1	WKL	
MO-MPK	2020/21-4	Dry	4/29/2021 7:40:00 AM	5/25/2021 12:14:00 AM	2,4,5-Trichlorophenol	n/a	<	2.9	µg/L	EPA 8270C	2.9	10	WKL	
MO-MPK	2020/21-4	Dry	4/29/2021 7:40:00 AM	5/27/2021 7:38:00 AM	2,4,6-Trichlorophenol	n/a	<	2.2	µg/L	EPA 625.1	2.2	10	WKL	
MO-MPK	2020/21-4	Dry	4/29/2021 7:40:00 AM	5/25/2021 12:14:00 AM	2,4,6-Trichlorophenol	n/a	<	3	µg/L	EPA 8270C	3	10	WKL	
MO-MPK	2020/21-4	Dry	4/29/2021 7:40:00 AM	5/25/2021 12:14:00 AM	2,4-Dichlorophenol	n/a	<	5.1	µg/L	EPA 8270C	5.1	10	WKL	
MO-MPK	2020/21-4	Dry	4/29/2021 7:40:00 AM	5/27/2021 7:38:00 AM	2,4-Dichlorophenol	n/a	<	2.6	µg/L	EPA 625.1	2.6	10	WKL	
MO-MPK	2020/21-4	Dry	4/29/2021 7:40:00 AM	5/25/2021 12:14:00 AM	2,4-Dimethylphenol	n/a	<	10	µg/L	EPA 8270C	10	20	WKL	
MO-MPK	2020/21-4	Dry	4/29/2021 7:40:00 AM	5/27/2021 7:38:00 AM	2,4-Dimethylphenol	n/a	<	3	µg/L	EPA 625.1	3	10	WKL	LB-LCSR
MO-MPK	2020/21-4	Dry	4/29/2021 7:40:00 AM	5/27/2021 7:38:00 AM	2,4-Dinitrophenol	n/a	<	19	µg/L	EPA 625.1	19	100	WKL	
MO-MPK	2020/21-4	Dry	4/29/2021 7:40:00 AM	5/25/2021 12:14:00 AM	2,4-Dinitrophenol	n/a	<	10	µg/L	EPA 8270C	10	20	WKL	
MO-MPK	2020/21-4	Dry	4/29/2021 7:40:00 AM	5/27/2021 7:38:00 AM	2,4-Dinitrotoluene	n/a	<	1.8	µg/L	EPA 625.1	1.8	10	WKL	
MO-MPK	2020/21-4	Dry	4/29/2021 7:40:00 AM	5/27/2021 7:38:00 AM	2,6-Dinitrotoluene	n/a	<	2.7	µg/L	EPA 625.1	2.7	10	WKL	
MO-MPK	2020/21-4	Dry	4/29/2021 7:40:00 AM	5/27/2021 7:38:00 AM	2-Chloronaphthalene	n/a	<	4.5	µg/L	EPA 625.1	4.5	10	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-MPK	2020/21-4	Dry	4/29/2021 7:40:00 AM	5/27/2021 7:38:00 AM	2-Chlorophenol	n/a	<	2.8	µg/L	EPA 625.1	2.8	10	WKL	
MO-MPK	2020/21-4	Dry	4/29/2021 7:40:00 AM	5/25/2021 12:14:00 AM	2-Chlorophenol	n/a	<	6.5	µg/L	EPA 8270C	6.5	10	WKL	
MO-MPK	2020/21-4	Dry	4/29/2021 7:40:00 AM	5/5/2021 7:23:00 AM	2-Methylnaphthalene	n/a	<	0.26	µg/L	EPA 8270C	0.26	1	WKL	
MO-MPK	2020/21-4	Dry	4/29/2021 7:40:00 AM	5/25/2021 12:14:00 AM	2-Methylphenol	n/a	<	3.4	µg/L	EPA 8270C	3.4	10	WKL	
MO-MPK	2020/21-4	Dry	4/29/2021 7:40:00 AM	5/27/2021 7:38:00 AM	2-Nitrophenol	n/a	<	2.6	µg/L	EPA 625.1	2.6	10	WKL	
MO-MPK	2020/21-4	Dry	4/29/2021 7:40:00 AM	5/25/2021 12:14:00 AM	2-Nitrophenol	n/a	<	7.1	µg/L	EPA 8270C	7.1	10	WKL	
MO-MPK	2020/21-4	Dry	4/29/2021 7:40:00 AM	5/27/2021 7:38:00 AM	3,3'-Dichlorobenzidine	n/a	<	9.9	µg/L	EPA 625.1	9.9	50	WKL	
MO-MPK	2020/21-4	Dry	4/29/2021 7:40:00 AM	5/25/2021 12:14:00 AM	3-/4-Methylphenol	n/a	<	3	µg/L	EPA 8270C	3	10	WKL	
MO-MPK	2020/21-4	Dry	4/29/2021 7:40:00 AM	5/27/2021 7:38:00 AM	4,6-Dinitro-2-methylphenol	n/a	<	14	µg/L	EPA 625.1	14	50	WKL	
MO-MPK	2020/21-4	Dry	4/29/2021 7:40:00 AM	5/25/2021 12:14:00 AM	4,6-Dinitro-2-methylphenol	n/a	<	1.4	µg/L	EPA 8270C	1.4	10	WKL	
MO-MPK	2020/21-4	Dry	4/29/2021 7:40:00 AM	5/27/2021 7:38:00 AM	4-Bromophenyl phenyl ether	n/a	<	3.6	µg/L	EPA 625.1	3.6	10	WKL	
MO-MPK	2020/21-4	Dry	4/29/2021 7:40:00 AM	5/27/2021 7:38:00 AM	4-Chloro-3-methylphenol	n/a	<	2.3	µg/L	EPA 625.1	2.3	10	WKL	
MO-MPK	2020/21-4	Dry	4/29/2021 7:40:00 AM	5/25/2021 12:14:00 AM	4-Chloro-3-methylphenol	n/a	<	3.7	µg/L	EPA 8270C	3.7	10	WKL	
MO-MPK	2020/21-4	Dry	4/29/2021 7:40:00 AM	5/27/2021 7:38:00 AM	4-Chlorophenyl phenyl ether	n/a	<	4.1	µg/L	EPA 625.1	4.1	10	WKL	
MO-MPK	2020/21-4	Dry	4/29/2021 7:40:00 AM	5/27/2021 7:38:00 AM	4-Nitrophenol	n/a	<	12	µg/L	EPA 625.1	12	50	WKL	
MO-MPK	2020/21-4	Dry	4/29/2021 7:40:00 AM	5/25/2021 12:14:00 AM	4-Nitrophenol	n/a	<	10	µg/L	EPA 8270C	10	20	WKL	
MO-MPK	2020/21-4	Dry	4/29/2021 7:40:00 AM	5/27/2021 7:38:00 AM	Acenaphthene	n/a	<	3.8	µg/L	EPA 625.1	3.8	10	WKL	
MO-MPK	2020/21-4	Dry	4/29/2021 7:40:00 AM	5/5/2021 7:23:00 AM	Acenaphthene	n/a	<	0.28	µg/L	EPA 8270C	0.28	1	WKL	
MO-MPK	2020/21-4	Dry	4/29/2021 7:40:00 AM	5/27/2021 7:38:00 AM	Acenaphthylene	n/a	<	1.7	µg/L	EPA 625.1	1.7	10	WKL	
MO-MPK	2020/21-4	Dry	4/29/2021 7:40:00 AM	5/5/2021 7:23:00 AM	Acenaphthylene	n/a	<	0.33	µg/L	EPA 8270C	0.33	1	WKL	
MO-MPK	2020/21-4	Dry	4/29/2021 7:40:00 AM	5/27/2021 7:38:00 AM	Anthracene	n/a	<	1.2	µg/L	EPA 625.1	1.2	10	WKL	
MO-MPK	2020/21-4	Dry	4/29/2021 7:40:00 AM	5/5/2021 7:23:00 AM	Anthracene	n/a	<	0.25	µg/L	EPA 8270C	0.25	1	WKL	
MO-MPK	2020/21-4	Dry	4/29/2021 7:40:00 AM	5/27/2021 7:38:00 AM	Benz(a)anthracene	n/a	<	1.9	µg/L	EPA 625.1	1.9	10	WKL	
MO-MPK	2020/21-4	Dry	4/29/2021 7:40:00 AM	5/5/2021 7:23:00 AM	Benz(a)anthracene	n/a	<	0.51	µg/L	EPA 8270C	0.51	1	WKL	
MO-MPK	2020/21-4	Dry	4/29/2021 7:40:00 AM	5/27/2021 7:38:00 AM	Benzenidene	n/a	<	14	µg/L	EPA 625.1	14	100	WKL	
MO-MPK	2020/21-4	Dry	4/29/2021 7:40:00 AM	5/12/2021 6:08:00 AM	Benzo(a)pyrene	n/a	<	0.02	µg/L	EPA 525.2	0.02	0.1	WKL	
MO-MPK	2020/21-4	Dry	4/29/2021 7:40:00 AM	5/27/2021 7:38:00 AM	Benzo(a)pyrene	n/a	<	3.9	µg/L	EPA 625.1	3.9	10	WKL	
MO-MPK	2020/21-4	Dry	4/29/2021 7:40:00 AM	5/5/2021 7:23:00 AM	Benzo(a)pyrene	n/a	<	0.51	µg/L	EPA 8270C	0.51	1	WKL	
MO-MPK	2020/21-4	Dry	4/29/2021 7:40:00 AM	5/27/2021 7:38:00 AM	Benzo(b)fluoranthene	n/a	<	4.6	µg/L	EPA 625.1	4.6	10	WKL	
MO-MPK	2020/21-4	Dry	4/29/2021 7:40:00 AM	5/5/2021 7:23:00 AM	Benzo(b)fluoranthene	n/a	<	0.27	µg/L	EPA 8270C	0.27	1	WKL	
MO-MPK	2020/21-4	Dry	4/29/2021 7:40:00 AM	5/27/2021 7:38:00 AM	Benzo(g,h,i)perylene	n/a	<	4.2	µg/L	EPA 625.1	4.2	20	WKL	
MO-MPK	2020/21-4	Dry	4/29/2021 7:40:00 AM	5/5/2021 7:23:00 AM	Benzo(g,h,i)perylene	n/a	<	0.5	µg/L	EPA 8270C	0.5	1	WKL	
MO-MPK	2020/21-4	Dry	4/29/2021 7:40:00 AM	5/27/2021 7:38:00 AM	Benzo(k)fluoranthene	n/a	<	2.2	µg/L	EPA 625.1	2.2	10	WKL	
MO-MPK	2020/21-4	Dry	4/29/2021 7:40:00 AM	5/5/2021 7:23:00 AM	Benzo(k)fluoranthene	n/a	<	0.26	µg/L	EPA 8270C	0.26	1	WKL	
MO-MPK	2020/21-4	Dry	4/29/2021 7:40:00 AM	5/27/2021 7:38:00 AM	Bis(2-chloroethoxy)methane	n/a	<	2.5	µg/L	EPA 625.1	2.5	10	WKL	
MO-MPK	2020/21-4	Dry	4/29/2021 7:40:00 AM	5/27/2021 7:38:00 AM	Bis(2-chloroethyl)ether	n/a	<	2.7	µg/L	EPA 625.1	2.7	10	WKL	
MO-MPK	2020/21-4	Dry	4/29/2021 7:40:00 AM	5/27/2021 7:38:00 AM	Bis(2-chloroisopropyl)ether	n/a	<	3.8	µg/L	EPA 625.1	3.8	10	WKL	
MO-MPK	2020/21-4	Dry	4/29/2021 7:40:00 AM	5/12/2021 6:08:00 AM	Bis(2-ethylhexyl)adipate	n/a	<	0.12	µg/L	EPA 525.2	0.12	5	WKL	
MO-MPK	2020/21-4	Dry	4/29/2021 7:40:00 AM	5/12/2021 6:08:00 AM	Bis(2-ethylhexyl)phthalate	n/a	DNQ	0.66	µg/L	EPA 525.2	0.41	3	WKL	UL-MB
MO-MPK	2020/21-4	Dry	4/29/2021 7:40:00 AM	5/27/2021 7:38:00 AM	Bis(2-ethylhexyl)phthalate	n/a	<	23	µg/L	EPA 625.1	23	50	WKL	
MO-MPK	2020/21-4	Dry	4/29/2021 7:40:00 AM	5/27/2021 7:38:00 AM	Butyl benzyl phthalate	n/a	<	1.8	µg/L	EPA 625.1	1.8	10	WKL	
MO-MPK	2020/21-4	Dry	4/29/2021 7:40:00 AM	5/27/2021 7:38:00 AM	Chrysene	n/a	<	1.9	µg/L	EPA 625.1	1.9	10	WKL	
MO-MPK	2020/21-4	Dry	4/29/2021 7:40:00 AM	5/5/2021 7:23:00 AM	Chrysene	n/a	<	0.32	µg/L	EPA 8270C	0.32	1	WKL	
MO-MPK	2020/21-4	Dry	4/29/2021 7:40:00 AM	5/27/2021 7:38:00 AM	Dibenz(a,h)anthracene	n/a	<	5.3	µg/L	EPA 625.1	5.3	20	WKL	
MO-MPK	2020/21-4	Dry	4/29/2021 7:40:00 AM	5/5/2021 7:23:00 AM	Dibenz(a,h)anthracene	n/a	<	0.96	µg/L	EPA 8270C	0.96	1	WKL	
MO-MPK	2020/21-4	Dry	4/29/2021 7:40:00 AM	5/27/2021 7:38:00 AM	Diethyl phthalate	n/a	<	1.5	µg/L	EPA 625.1	1.5	10	WKL	
MO-MPK	2020/21-4	Dry	4/29/2021 7:40:00 AM	5/27/2021 7:38:00 AM	Dimethyl phthalate	n/a	<	1.8	µg/L	EPA 625.1	1.8	10	WKL	
MO-MPK	2020/21-4	Dry	4/29/2021 7:40:00 AM	5/27/2021 7:38:00 AM	Di-n-butylphthalate	n/a	<	1	µg/L	EPA 625.1	1	10	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-MPK	2020/21-4	Dry	4/29/2021 7:40:00 AM	5/27/2021 7:38:00 AM	Di-n-octylphthalate	n/a	<	4.6	µg/L	EPA 625.1	4.6	10	WKL	
MO-MPK	2020/21-4	Dry	4/29/2021 7:40:00 AM	5/5/2021 7:23:00 AM	Fluoranthene	n/a	<	0.39	µg/L	EPA 8270C	0.39	1	WKL	
MO-MPK	2020/21-4	Dry	4/29/2021 7:40:00 AM	5/27/2021 7:38:00 AM	Fluoranthene	n/a	<	0.8	µg/L	EPA 625.1	0.8	10	WKL	
MO-MPK	2020/21-4	Dry	4/29/2021 7:40:00 AM	5/27/2021 7:38:00 AM	Fluorene	n/a	<	3.5	µg/L	EPA 625.1	3.5	10	WKL	
MO-MPK	2020/21-4	Dry	4/29/2021 7:40:00 AM	5/5/2021 7:23:00 AM	Fluorene	n/a	<	0.29	µg/L	EPA 8270C	0.29	1	WKL	
MO-MPK	2020/21-4	Dry	4/29/2021 7:40:00 AM	5/27/2021 7:38:00 AM	Hexachlorobenzene	n/a	<	4.9	µg/L	EPA 625.1	4.9	10	WKL	
MO-MPK	2020/21-4	Dry	4/29/2021 7:40:00 AM	5/27/2021 7:38:00 AM	Hexachlorobutadiene	n/a	<	4.7	µg/L	EPA 625.1	4.7	10	WKL	
MO-MPK	2020/21-4	Dry	4/29/2021 7:40:00 AM	5/27/2021 7:38:00 AM	Hexachlorocyclopentadiene	n/a	<	9.8	µg/L	EPA 625.1	9.8	50	WKL	
MO-MPK	2020/21-4	Dry	4/29/2021 7:40:00 AM	5/27/2021 7:38:00 AM	Hexachloroethane	n/a	<	5	µg/L	EPA 625.1	5	10	WKL	
MO-MPK	2020/21-4	Dry	4/29/2021 7:40:00 AM	5/5/2021 7:23:00 AM	Indeno(1,2,3-cd)pyrene	n/a	<	0.65	µg/L	EPA 8270C	0.65	1	WKL	
MO-MPK	2020/21-4	Dry	4/29/2021 7:40:00 AM	5/27/2021 7:38:00 AM	Indeno(1,2,3-cd)pyrene	n/a	<	5.5	µg/L	EPA 625.1	5.5	20	WKL	
MO-MPK	2020/21-4	Dry	4/29/2021 7:40:00 AM	5/27/2021 7:38:00 AM	Isophorone	n/a	<	2.1	µg/L	EPA 625.1	2.1	10	WKL	
MO-MPK	2020/21-4	Dry	4/29/2021 7:40:00 AM	5/27/2021 7:38:00 AM	Naphthalene	n/a	<	4.9	µg/L	EPA 625.1	4.9	10	WKL	
MO-MPK	2020/21-4	Dry	4/29/2021 7:40:00 AM	5/5/2021 7:23:00 AM	Naphthalene	n/a	<	0.26	µg/L	EPA 8270C	0.26	1	WKL	
MO-MPK	2020/21-4	Dry	4/29/2021 7:40:00 AM	5/27/2021 7:38:00 AM	Nitrobenzene	n/a	<	3.6	µg/L	EPA 625.1	3.6	10	WKL	
MO-MPK	2020/21-4	Dry	4/29/2021 7:40:00 AM	5/27/2021 7:38:00 AM	N-Nitrosodimethylamine	n/a	<	5	µg/L	EPA 625.1	5	10	WKL	
MO-MPK	2020/21-4	Dry	4/29/2021 7:40:00 AM	5/27/2021 7:38:00 AM	N-Nitrosodi-N-propylamine	n/a	<	2.6	µg/L	EPA 625.1	2.6	10	WKL	
MO-MPK	2020/21-4	Dry	4/29/2021 7:40:00 AM	5/27/2021 7:38:00 AM	N-Nitrosodiphenylamine	n/a	<	1.9	µg/L	EPA 625.1	1.9	10	WKL	
MO-MPK	2020/21-4	Dry	4/29/2021 7:40:00 AM	5/27/2021 7:38:00 AM	Phenanthrene	n/a	<	3.2	µg/L	EPA 625.1	3.2	10	WKL	
MO-MPK	2020/21-4	Dry	4/29/2021 7:40:00 AM	5/5/2021 7:23:00 AM	Phenanthrene	n/a	<	0.29	µg/L	EPA 8270C	0.29	1	WKL	
MO-MPK	2020/21-4	Dry	4/29/2021 7:40:00 AM	5/27/2021 7:38:00 AM	Phenol	n/a	<	1.6	µg/L	EPA 625.1	1.6	10	WKL	
MO-MPK	2020/21-4	Dry	4/29/2021 7:40:00 AM	5/25/2021 12:14:00 AM	Phenol	n/a	<	3.5	µg/L	EPA 8270C	3.5	10	WKL	
MO-MPK	2020/21-4	Dry	4/29/2021 7:40:00 AM	5/5/2021 7:23:00 AM	Pyrene	n/a	<	0.4	µg/L	EPA 8270C	0.4	1	WKL	
MO-MPK	2020/21-4	Dry	4/29/2021 7:40:00 AM	5/27/2021 7:38:00 AM	Pyrene	n/a	<	2.5	µg/L	EPA 625.1	2.5	10	WKL	
MO-MPK	2020/21-4	Dry	4/29/2021 7:40:00 AM	5/7/2021 9:32:00 PM	PCB Aroclor 1016	n/a	<	5	µg/L	EPA 608.3	5	5	WKL	
MO-MPK	2020/21-4	Dry	4/29/2021 7:40:00 AM	5/7/2021 9:32:00 PM	PCB Aroclor 1221	n/a	<	5	µg/L	EPA 608.3	5	5	WKL	
MO-MPK	2020/21-4	Dry	4/29/2021 7:40:00 AM	5/7/2021 9:32:00 PM	PCB Aroclor 1232	n/a	<	5	µg/L	EPA 608.3	5	5	WKL	
MO-MPK	2020/21-4	Dry	4/29/2021 7:40:00 AM	5/7/2021 9:32:00 PM	PCB Aroclor 1242	n/a	<	5	µg/L	EPA 608.3	5	5	WKL	
MO-MPK	2020/21-4	Dry	4/29/2021 7:40:00 AM	5/7/2021 9:32:00 PM	PCB Aroclor 1248	n/a	<	5	µg/L	EPA 608.3	5	5	WKL	
MO-MPK	2020/21-4	Dry	4/29/2021 7:40:00 AM	5/7/2021 9:32:00 PM	PCB Aroclor 1254	n/a	<	5	µg/L	EPA 608.3	5	5	WKL	
MO-MPK	2020/21-4	Dry	4/29/2021 7:40:00 AM	5/7/2021 9:32:00 PM	PCB Aroclor 1260	n/a	<	5	µg/L	EPA 608.3	5	5	WKL	
MO-MPK	2020/21-4	Dry	4/29/2021 7:40:00 AM	5/5/2021 9:43:00 AM	2,4,5-T	n/a	<	0.11	µg/L	EPA 515.4	0.11	0.4	WKL	
MO-MPK	2020/21-4	Dry	4/29/2021 7:40:00 AM	5/5/2021 9:43:00 AM	2,4,5-TP	n/a	<	0.092	µg/L	EPA 515.4	0.092	0.4	WKL	
MO-MPK	2020/21-4	Dry	4/29/2021 7:40:00 AM	5/5/2021 9:43:00 AM	2,4-D	n/a	<	0.28	µg/L	EPA 515.4	0.28	0.8	WKL	
MO-MPK	2020/21-4	Dry	4/29/2021 7:40:00 AM	5/5/2021 9:43:00 AM	2,4-DB	n/a	<	0.38	µg/L	EPA 515.4	0.38	4	WKL	
MO-MPK	2020/21-4	Dry	4/29/2021 7:40:00 AM	5/5/2021 9:43:00 AM	3,5-Dichlorobenzoic acid	n/a	<	0.24	µg/L	EPA 515.4	0.24	2	WKL	
MO-MPK	2020/21-4	Dry	4/29/2021 7:40:00 AM	5/7/2021 9:32:00 PM	4,4'-DDD	n/a	<	0.007	µg/L	EPA 608.3	0.007	0.5	WKL	
MO-MPK	2020/21-4	Dry	4/29/2021 7:40:00 AM	5/7/2021 9:32:00 PM	4,4'-DDE	n/a	<	0.007	µg/L	EPA 608.3	0.007	0.5	WKL	
MO-MPK	2020/21-4	Dry	4/29/2021 7:40:00 AM	5/7/2021 9:32:00 PM	4,4'-DDT	n/a	<	0.011	µg/L	EPA 608.3	0.011	0.1	WKL	
MO-MPK	2020/21-4	Dry	4/29/2021 7:40:00 AM	5/5/2021 9:43:00 AM	Acifluorfen	n/a	<	0.14	µg/L	EPA 515.4	0.14	0.8	WKL	
MO-MPK	2020/21-4	Dry	4/29/2021 7:40:00 AM	5/12/2021 6:08:00 AM	Alachlor	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1	WKL	
MO-MPK	2020/21-4	Dry	4/29/2021 7:40:00 AM	5/7/2021 9:32:00 PM	Aldrin	n/a	<	0.01	µg/L	EPA 608.3	0.01	0.05	WKL	
MO-MPK	2020/21-4	Dry	4/29/2021 7:40:00 AM	5/7/2021 9:32:00 PM	alpha-BHC	n/a	<	0.011	µg/L	EPA 608.3	0.011	0.1	WKL	
MO-MPK	2020/21-4	Dry	4/29/2021 7:40:00 AM	5/7/2021 9:32:00 PM	alpha-Chlordane	n/a	<	0.029	µg/L	EPA 608.3	0.029	0.1	WKL	
MO-MPK	2020/21-4	Dry	4/29/2021 7:40:00 AM	5/12/2021 6:08:00 AM	Atrazine	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1	WKL	
MO-MPK	2020/21-4	Dry	4/29/2021 7:40:00 AM	5/5/2021 3:11:00 PM	Azinphos methyl	n/a	<	0.0055	µg/L	EPA 625.1m	0.0055	0.01	WKL	
MO-MPK	2020/21-4	Dry	4/29/2021 7:40:00 AM	5/5/2021 9:43:00 AM	Bentazon	n/a	<	0.46	µg/L	EPA 515.4	0.46	4	WKL	
MO-MPK	2020/21-4	Dry	4/29/2021 7:40:00 AM	5/7/2021 9:32:00 PM	beta-BHC	n/a	<	0.015	µg/L	EPA 608.3	0.015	0.05	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-MPK	2020/21-4	Dry	4/29/2021 7:40:00 AM	5/5/2021 3:11:00 PM	Bolstar	n/a	<	0.0046	µg/L	EPA 625.1m	0.0046	0.01	WKL	
MO-MPK	2020/21-4	Dry	4/29/2021 7:40:00 AM	5/12/2021 6:08:00 AM	Bromacil	n/a	<	0.16	µg/L	EPA 525.2	0.16	0.5	WKL	
MO-MPK	2020/21-4	Dry	4/29/2021 7:40:00 AM	5/12/2021 6:08:00 AM	Butachlor	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1	WKL	
MO-MPK	2020/21-4	Dry	4/29/2021 7:40:00 AM	5/12/2021 6:08:00 AM	Captan	n/a	<	0.16	µg/L	EPA 525.2	0.16	1	WKL	
MO-MPK	2020/21-4	Dry	4/29/2021 7:40:00 AM	5/7/2021 9:32:00 PM	Chlordane (technical)	n/a	<	0.43	µg/L	EPA 608.3	0.43	1	WKL	
MO-MPK	2020/21-4	Dry	4/29/2021 7:40:00 AM	5/12/2021 6:08:00 AM	Chlorpropham	n/a	<	0.04	µg/L	EPA 525.2	0.04	0.1	WKL	
MO-MPK	2020/21-4	Dry	4/29/2021 7:40:00 AM	5/5/2021 3:11:00 PM	Chlorpyrifos	n/a	<	0.0069	µg/L	EPA 625.1m	0.0069	0.01	WKL	
MO-MPK	2020/21-4	Dry	4/29/2021 7:40:00 AM	5/5/2021 3:11:00 PM	Coumaphos	n/a	<	0.0051	µg/L	EPA 625.1m	0.0051	0.01	WKL	
MO-MPK	2020/21-4	Dry	4/29/2021 7:40:00 AM	5/12/2021 6:08:00 AM	Cyanazine	n/a	<	0.04	µg/L	EPA 525.2	0.04	0.1	WKL	
MO-MPK	2020/21-4	Dry	4/29/2021 7:40:00 AM	5/5/2021 9:43:00 AM	Dalapon	n/a	<	0.22	µg/L	EPA 515.4	0.22	0.8	WKL	
MO-MPK	2020/21-4	Dry	4/29/2021 7:40:00 AM	5/5/2021 9:43:00 AM	DCPA (Dacthal)	n/a	=	0.22	µg/L	EPA 515.4	0.11	0.2	WKL	
MO-MPK	2020/21-4	Dry	4/29/2021 7:40:00 AM	5/7/2021 9:32:00 PM	delta-BHC	n/a	<	0.019	µg/L	EPA 608.3	0.019	0.05	WKL	
MO-MPK	2020/21-4	Dry	4/29/2021 7:40:00 AM	5/5/2021 3:11:00 PM	Demeton-O	n/a	<	0.01	µg/L	EPA 625.1m	0.01	0.01	WKL	
MO-MPK	2020/21-4	Dry	4/29/2021 7:40:00 AM	5/5/2021 3:11:00 PM	Demeton-S	n/a	<	0.01	µg/L	EPA 625.1m	0.01	0.01	WKL	
MO-MPK	2020/21-4	Dry	4/29/2021 7:40:00 AM	5/12/2021 6:08:00 AM	Diazinon	n/a	<	0.05	µg/L	EPA 525.2	0.05	0.1	WKL	
MO-MPK	2020/21-4	Dry	4/29/2021 7:40:00 AM	5/5/2021 3:11:00 PM	Diazinon	n/a	<	0.0052	µg/L	EPA 625.1m	0.0052	0.01	WKL	
MO-MPK	2020/21-4	Dry	4/29/2021 7:40:00 AM	5/5/2021 9:43:00 AM	Dicamba	n/a	<	0.15	µg/L	EPA 515.4	0.15	1.2	WKL	
MO-MPK	2020/21-4	Dry	4/29/2021 7:40:00 AM	5/5/2021 9:43:00 AM	Dichlorprop	n/a	<	0.24	µg/L	EPA 515.4	0.24	0.6	WKL	
MO-MPK	2020/21-4	Dry	4/29/2021 7:40:00 AM	5/5/2021 3:11:00 PM	Dichlorvos	n/a	<	0.0029	µg/L	EPA 625.1m	0.0029	0.01	WKL	
MO-MPK	2020/21-4	Dry	4/29/2021 7:40:00 AM	5/7/2021 9:32:00 PM	Dieldrin	n/a	<	0.008	µg/L	EPA 608.3	0.008	0.1	WKL	
MO-MPK	2020/21-4	Dry	4/29/2021 7:40:00 AM	5/12/2021 6:08:00 AM	Dimethoate	n/a	<	0.02	µg/L	EPA 525.2	0.02	0.2	WKL	
MO-MPK	2020/21-4	Dry	4/29/2021 7:40:00 AM	5/5/2021 3:11:00 PM	Dimethoate	n/a	<	0.0062	µg/L	EPA 625.1m	0.0062	0.01	WKL	
MO-MPK	2020/21-4	Dry	4/29/2021 7:40:00 AM	5/5/2021 9:43:00 AM	Dinoseb	n/a	<	0.11	µg/L	EPA 515.4	0.11	0.8	WKL	
MO-MPK	2020/21-4	Dry	4/29/2021 7:40:00 AM	5/12/2021 6:08:00 AM	Diphenamid	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1	WKL	
MO-MPK	2020/21-4	Dry	4/29/2021 7:40:00 AM	5/12/2021 6:08:00 AM	Disulfoton	n/a	<	0.04	µg/L	EPA 525.2	0.04	0.1	WKL	
MO-MPK	2020/21-4	Dry	4/29/2021 7:40:00 AM	5/5/2021 3:11:00 PM	Disulfoton	n/a	<	0.01	µg/L	EPA 625.1m	0.01	0.01	WKL	
MO-MPK	2020/21-4	Dry	4/29/2021 7:40:00 AM	5/7/2021 9:32:00 PM	Endosulfan I	n/a	<	0.009	µg/L	EPA 608.3	0.009	0.2	WKL	
MO-MPK	2020/21-4	Dry	4/29/2021 7:40:00 AM	5/7/2021 9:32:00 PM	Endosulfan II	n/a	<	0.007	µg/L	EPA 608.3	0.007	0.1	WKL	
MO-MPK	2020/21-4	Dry	4/29/2021 7:40:00 AM	5/7/2021 9:32:00 PM	Endosulfan sulfate	n/a	<	0.013	µg/L	EPA 608.3	0.013	0.5	WKL	
MO-MPK	2020/21-4	Dry	4/29/2021 7:40:00 AM	5/7/2021 9:32:00 PM	Endrin	n/a	<	0.017	µg/L	EPA 608.3	0.017	0.1	WKL	
MO-MPK	2020/21-4	Dry	4/29/2021 7:40:00 AM	5/7/2021 9:32:00 PM	Endrin aldehyde	n/a	<	0.019	µg/L	EPA 608.3	0.019	0.1	WKL	
MO-MPK	2020/21-4	Dry	4/29/2021 7:40:00 AM	5/12/2021 6:08:00 AM	EPTC	n/a	<	0.02	µg/L	EPA 525.2	0.02	0.1	WKL	
MO-MPK	2020/21-4	Dry	4/29/2021 7:40:00 AM	5/5/2021 3:11:00 PM	Ethioprop	n/a	<	0.0067	µg/L	EPA 625.1m	0.0067	0.01	WKL	
MO-MPK	2020/21-4	Dry	4/29/2021 7:40:00 AM	5/5/2021 3:11:00 PM	Ethyl parathion	n/a	<	0.0054	µg/L	EPA 625.1m	0.0054	0.01	WKL	
MO-MPK	2020/21-4	Dry	4/29/2021 7:40:00 AM	5/5/2021 3:11:00 PM	Fensulfothion	n/a	<	0.0029	µg/L	EPA 625.1m	0.0029	0.01	WKL	
MO-MPK	2020/21-4	Dry	4/29/2021 7:40:00 AM	5/5/2021 3:11:00 PM	Fenthion	n/a	<	0.0038	µg/L	EPA 625.1m	0.0038	0.01	WKL	
MO-MPK	2020/21-4	Dry	4/29/2021 7:40:00 AM	5/7/2021 9:32:00 PM	gamma-BHC (Lindane)	n/a	<	0.004	µg/L	EPA 608.3	0.004	0.2	WKL	
MO-MPK	2020/21-4	Dry	4/29/2021 7:40:00 AM	5/7/2021 9:32:00 PM	gamma-Chlordane	n/a	<	0.023	µg/L	EPA 608.3	0.023	0.1	WKL	
MO-MPK	2020/21-4	Dry	4/29/2021 7:40:00 AM	5/4/2021 12:32:00 AM	Glyphosate	n/a	DNQ	3.9	µg/L	EPA 547	1.8	5	WKL	
MO-MPK	2020/21-4	Dry	4/29/2021 7:40:00 AM	5/7/2021 9:32:00 PM	Heptachlor	n/a	<	0.006	µg/L	EPA 608.3	0.006	0.1	WKL	
MO-MPK	2020/21-4	Dry	4/29/2021 7:40:00 AM	5/7/2021 9:32:00 PM	Heptachlor epoxide	n/a	<	0.004	µg/L	EPA 608.3	0.004	0.1	WKL	
MO-MPK	2020/21-4	Dry	4/29/2021 7:40:00 AM	5/5/2021 3:11:00 PM	Malathion	n/a	<	0.0076	µg/L	EPA 625.1m	0.0076	0.01	WKL	
MO-MPK	2020/21-4	Dry	4/29/2021 7:40:00 AM	5/5/2021 3:11:00 PM	Merphos	n/a	<	0.0058	µg/L	EPA 625.1m	0.0058	0.01	WKL	
MO-MPK	2020/21-4	Dry	4/29/2021 7:40:00 AM	5/5/2021 3:11:00 PM	Methyl parathion	n/a	<	0.0063	µg/L	EPA 625.1m	0.0063	0.01	WKL	
MO-MPK	2020/21-4	Dry	4/29/2021 7:40:00 AM	5/12/2021 6:08:00 AM	Metolachlor	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1	WKL	
MO-MPK	2020/21-4	Dry	4/29/2021 7:40:00 AM	5/12/2021 6:08:00 AM	Metribuzin	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1	WKL	
MO-MPK	2020/21-4	Dry	4/29/2021 7:40:00 AM	5/5/2021 3:11:00 PM	Mevinphos	n/a	<	0.0042	µg/L	EPA 625.1m	0.0042	0.01	WKL	
MO-MPK	2020/21-4	Dry	4/29/2021 7:40:00 AM	5/12/2021 6:08:00 AM	Molinate	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-MPK	2020/21-4	Dry	4/29/2021 7:40:00 AM	5/5/2021 3:11:00 PM	Naled	n/a	<	0.0076	µg/L	EPA 625.1m	0.0076	0.01	WKL	
MO-MPK	2020/21-4	Dry	4/29/2021 7:40:00 AM	5/25/2021 12:14:00 AM	Pentachlorophenol	n/a	<	1.5	µg/L	EPA 8270C	1.5	10	WKL	
MO-MPK	2020/21-4	Dry	4/29/2021 7:40:00 AM	5/27/2021 7:38:00 AM	Pentachlorophenol	n/a	<	4	µg/L	EPA 625.1	4	10	WKL	
MO-MPK	2020/21-4	Dry	4/29/2021 7:40:00 AM	5/5/2021 9:43:00 AM	Pentachlorophenol	n/a	<	0.092	µg/L	EPA 515.4	0.092	0.4	WKL	
MO-MPK	2020/21-4	Dry	4/29/2021 7:40:00 AM	5/5/2021 3:11:00 PM	Phorate	n/a	<	0.003	µg/L	EPA 625.1m	0.003	0.01	WKL	
MO-MPK	2020/21-4	Dry	4/29/2021 7:40:00 AM	5/5/2021 9:43:00 AM	Picloram	n/a	<	0.076	µg/L	EPA 515.4	0.076	1.2	WKL	
MO-MPK	2020/21-4	Dry	4/29/2021 7:40:00 AM	5/12/2021 6:08:00 AM	Prometon	n/a	<	0.01	µg/L	EPA 525.2	0.01	0.1	WKL	
MO-MPK	2020/21-4	Dry	4/29/2021 7:40:00 AM	5/12/2021 6:08:00 AM	Prometryn	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1	WKL	
MO-MPK	2020/21-4	Dry	4/29/2021 7:40:00 AM	5/5/2021 3:11:00 PM	Ronnel (Fenchlorphos)	n/a	<	0.0041	µg/L	EPA 625.1m	0.0041	0.01	WKL	
MO-MPK	2020/21-4	Dry	4/29/2021 7:40:00 AM	5/12/2021 6:08:00 AM	Simazine	n/a	<	0.02	µg/L	EPA 525.2	0.02	0.1	WKL	
MO-MPK	2020/21-4	Dry	4/29/2021 7:40:00 AM	5/5/2021 3:11:00 PM	Stirophos (Tetrachlorvinphos)	n/a	<	0.0031	µg/L	EPA 625.1m	0.0031	0.01	WKL	
MO-MPK	2020/21-4	Dry	4/29/2021 7:40:00 AM	5/12/2021 6:08:00 AM	Terbacil	n/a	<	0.09	µg/L	EPA 525.2	0.09	2	WKL	
MO-MPK	2020/21-4	Dry	4/29/2021 7:40:00 AM	5/12/2021 6:08:00 AM	Thiobencarb	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1	WKL	
MO-MPK	2020/21-4	Dry	4/29/2021 7:40:00 AM	5/5/2021 3:11:00 PM	Tokuthion	n/a	<	0.0078	µg/L	EPA 625.1m	0.0078	0.01	WKL	
MO-MPK	2020/21-4	Dry	4/29/2021 7:40:00 AM	5/7/2021 9:32:00 PM	Toxaphene	n/a	<	5	µg/L	EPA 608.3	5	5	WKL	
MO-MPK	2020/21-4	Dry	4/29/2021 7:40:00 AM	5/5/2021 3:11:00 PM	Trichloronate	n/a	<	0.0067	µg/L	EPA 625.1m	0.0067	0.01	WKL	
MO-MPK	2020/21-4	Dry	4/29/2021 7:40:00 AM	5/12/2021 6:08:00 AM	Trithion	n/a	<	0.02	µg/L	EPA 525.2	0.02	0.1	WKL	
MO-MPK	2021-DRY	Dry	8/11/2021 8:15:00 AM	8/12/2021 12:00:00 PM	E. Coli	n/a	=	1050	MPN/100 mL	MMO-MUG	10	10	FGL	
MO-MPK	2021-DRY	Dry	8/11/2021 8:15:00 AM	8/12/2021 12:00:00 PM	Total Coliform	n/a	=	104620	MPN/100 mL	MMO-MUG	100	100	FGL	
MO-MPK	2021-DRY	Dry	8/11/2021 8:15:00 AM	8/23/2021 5:37:00 PM	Calcium	Total	=	98.3	mg/L	EPA 200.7	0.16	0.5	WKL	
MO-MPK	2021-DRY	Dry	8/11/2021 8:15:00 AM	8/23/2021 5:37:00 PM	Magnesium	Total	=	47.1	mg/L	EPA 200.7	0.039	0.5	WKL	
MO-MPK	2021-DRY	Dry	8/11/2021 8:15:00 AM	8/11/2021 8:15:00 AM	Conductivity	n/a	=	1957	µmhos/cm	Field Meter	-88	1	Field Crew	
MO-MPK	2021-DRY	Dry	8/11/2021 8:15:00 AM	8/11/2021 8:15:00 AM	Discharge	n/a	=	0.02	cfs	Field Estimate	-88	-88	Field Crew	EST
MO-MPK	2021-DRY	Dry	8/11/2021 8:15:00 AM	8/23/2021 5:37:00 PM	Hardness as CaCO3	Total	=	439	mg/L	EPA 200.7	0.56	3.31	WKL	
MO-MPK	2021-DRY	Dry	8/11/2021 8:15:00 AM	8/11/2021 8:15:00 AM	pH	n/a	=	8.4	pH Units	Field Meter	-88	0.01	Field Crew	
MO-MPK	2021-DRY	Dry	8/11/2021 8:15:00 AM	8/11/2021 8:15:00 AM	Salinity	n/a	=	1100	mg/L	Field Meter	-88	100	Field Crew	
MO-MPK	2021-DRY	Dry	8/11/2021 8:15:00 AM	8/11/2021 8:15:00 AM	Specific Conductance	n/a	=	2189	µmhos/cm	Field Meter	-88	1	Field Crew	
MO-MPK	2021-DRY	Dry	8/11/2021 8:15:00 AM	8/11/2021 8:15:00 AM	Temperature	n/a	=	19.5	°C	Field Meter	-88	0.1	Field Crew	
MO-MPK	2021-DRY	Dry	8/11/2021 8:15:00 AM	9/2/2021 7:08:00 PM	Total Organic Carbon	n/a	=	28	mg/L	SM 5310 B	0.19	0.3	WKL	
MO-MPK	2021-DRY	Dry	8/11/2021 8:15:00 AM	8/11/2021 8:15:00 AM	Turbidity	n/a	=	2.89	NTU	Field Meter	-88	0.01	Field Crew	
MO-MPK	2021-DRY	Dry	8/11/2021 8:15:00 AM	8/26/2021 6:17:00 PM	Copper	Dissolved	=	7.6	µg/L	EPA 200.8	0.23	0.5	WKL	
MO-MPK	2021-DRY	Dry	8/11/2021 8:15:00 AM	8/26/2021 6:17:00 PM	Lead	Dissolved	DNQ	0.086	µg/L	EPA 200.8	0.083	0.2	WKL	
MO-MPK	2021-DRY	Dry	8/11/2021 8:15:00 AM	8/26/2021 6:17:00 PM	Zinc	Dissolved	DNQ	1.9	µg/L	EPA 200.8	0.8	10	WKL	UL-MB
MO-OJA	2020/21-1	Wet	12/28/2020 5:00:00 AM	12/29/2020 11:58:00 AM	E. Coli	n/a	=	6488	MPN/100 mL	MMO-MUG	10	10	VCHCA	
MO-OJA	2020/21-1	Wet	12/28/2020 5:00:00 AM	12/29/2020 11:58:00 AM	Total Coliform	n/a	=	86640	MPN/100 mL	MMO-MUG	100	100	VCHCA	
MO-OJA	2020/21-1	Wet	12/28/2020 5:00:00 AM	12/28/2020 5:00:00 AM	Conductivity	n/a	=	70.4	µmhos/cm	Field Meter	-88	1	Field Crew	
MO-OJA	2020/21-1	Wet	12/28/2020 5:00:00 AM	1/5/2021 2:37:00 PM	Cyanide	Total	=	0.004	mg/L	ASTM D7511	0.0003	0.002	WKL	
MO-OJA	2020/21-1	Wet	12/28/2020 5:00:00 AM	12/28/2020 5:00:00 AM	DO	n/a	=	10.4	mg/L	Field Meter	-88	0.3	Field Crew	
MO-OJA	2020/21-1	Wet	12/28/2020 5:00:00 AM	12/28/2020 5:00:00 AM	DO	n/a	=	90.5	%	Field Meter	-88	0.1	Field Crew	
MO-OJA	2020/21-1	Wet	12/28/2020 5:00:00 AM	12/28/2020 5:00:00 AM	pH	n/a	=	6.8	pH Units	Field Meter	-88	0.01	Field Crew	
MO-OJA	2020/21-1	Wet	12/28/2020 5:00:00 AM	12/28/2020 5:00:00 AM	Salinity	n/a	<	100	mg/L	Field Meter	-88	100	Field Crew	
MO-OJA	2020/21-1	Wet	12/28/2020 5:00:00 AM	12/28/2020 5:00:00 AM	Specific Conductance	n/a	=	101.9	µmhos/cm	Field Meter	-88	1	Field Crew	
MO-OJA	2020/21-1	Wet	12/28/2020 5:00:00 AM	12/28/2020 5:00:00 AM	Temperature	n/a	=	9.4	°C	Field Meter	-88	0.1	Field Crew	
MO-OJA	2020/21-1	Wet	12/28/2020 5:00:00 AM	1/3/2021 7:33:00 PM	Gasoline Range Organics	n/a	<	0.065	mg/L	LUFT GC/MS	0.065	0.1	WKL	
MO-OJA	2020/21-1	Wet	12/28/2020 5:00:00 AM	1/15/2021 3:38:00 PM	Oil and Grease	n/a	DNQ	1.7	mg/L	EPA 1664B	0.7	5	WKL	
MO-OJA	2020/21-1	Wet	12/28/2020 5:00:00 AM	12/29/2020 2:38:00 PM	2-Chloroethyl vinyl ether	n/a	<	0.19	µg/L	EPA 624.1	0.19	1	WKL	
MO-OJA	2020/21-1	Wet	12/28/2020 5:00:00 AM	12/29/2020 2:38:00 PM	Methyl tert-butyl ether (MTBE)	n/a	<	0.4	µg/L	EPA 624.1	0.4	1	WKL	
MO-OJA	2020/21-1	Wet	12/28/2020 11:55:00 AM	12/30/2020 2:45:00 AM	Chloride	n/a	=	13	mg/L	EPA 300.0	0.42	2.5	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-OJA	2020/21-1	Wet	12/28/2020 11:55:00 AM	12/30/2020 2:45:00 AM	Fluoride	n/a	DNQ	0.26	mg/L	EPA 300.0	0.045	0.5	WKL	
MO-OJA	2020/21-1	Wet	12/28/2020 11:55:00 AM	12/30/2020 10:03:00 PM	Perchlorate	n/a	<	0.84	µg/L	EPA 314.0	0.84	2	WKL	
MO-OJA	2020/21-1	Wet	12/28/2020 11:55:00 AM	1/2/2021 12:39:00 PM	Calcium	Total	=	25.9	mg/L	EPA 200.7	0.016	0.1	WKL	
MO-OJA	2020/21-1	Wet	12/28/2020 11:55:00 AM	1/2/2021 12:39:00 PM	Magnesium	Total	=	7.52	mg/L	EPA 200.7	0.012	0.1	WKL	
MO-OJA	2020/21-1	Wet	12/28/2020 11:55:00 AM	1/4/2021 12:23:00 PM	Alkalinity as CaCO3	n/a	=	110	mg/L	SM 2320 B	0.56	5	WKL	
MO-OJA	2020/21-1	Wet	12/28/2020 11:55:00 AM	1/3/2021 12:06:00 PM	BOD	n/a	=	76	mg/L	SM 5210 B	2	2	WKL	
MO-OJA	2020/21-1	Wet	12/28/2020 11:55:00 AM	12/30/2020 12:29:00 PM	COD	n/a	=	310	mg/L	EPA 410.4	2.9	5	WKL	
MO-OJA	2020/21-1	Wet	12/28/2020 11:55:00 AM	1/2/2021 12:39:00 PM	Hardness as CaCO3	Total	=	95.6	mg/L	EPA 200.7	0.0894	0.662	WKL	
MO-OJA	2020/21-1	Wet	12/28/2020 11:55:00 AM	12/29/2020 3:16:00 PM	MBAS	n/a	=	0.12	mg/L	SM 5540 C	0.017	0.05	WKL	
MO-OJA	2020/21-1	Wet	12/28/2020 11:55:00 AM	1/5/2021 1:33:00 PM	Phenolics	n/a	=	0.015	mg/L	EPA 420.4	0.0032	0.01	WKL	
MO-OJA	2020/21-1	Wet	12/28/2020 11:55:00 AM	1/5/2021 12:45:00 PM	Specific Conductance	n/a	=	300	µmhos/cm	SM 2510 B	0.23	2	WKL	
MO-OJA	2020/21-1	Wet	12/28/2020 11:55:00 AM	12/30/2020 6:44:00 PM	Total Dissolved Solids	n/a	=	230	mg/L	SM 2540 C	4	10	WKL	
MO-OJA	2020/21-1	Wet	12/28/2020 11:55:00 AM	12/30/2020 2:24:00 PM	Total Organic Carbon	n/a	=	69	mg/L	SM 5310 B	0.096	0.3	WKL	
MO-OJA	2020/21-1	Wet	12/28/2020 11:55:00 AM	12/30/2020 12:43:00 PM	Total Suspended Solids	n/a	=	900	mg/L	SM 2540 D	-88	5	WKL	
MO-OJA	2020/21-1	Wet	12/28/2020 11:55:00 AM	12/29/2020 3:30:00 PM	Turbidity	n/a	=	46	NTU	EPA 180.1	0.034	0.2	WKL	
MO-OJA	2020/21-1	Wet	12/28/2020 11:55:00 AM	12/30/2020 12:43:00 PM	Volatile Suspended Solids	n/a	=	200	mg/L	EPA 160.4	3.1	5	WKL	
MO-OJA	2020/21-1	Wet	12/28/2020 11:55:00 AM	1/1/2021 10:20:00 PM	Diesel Range Organics	n/a	=	1.4	mg/L	EPA 8015B	0.32	1	WKL	
MO-OJA	2020/21-1	Wet	12/28/2020 11:55:00 AM	1/1/2021 10:20:00 PM	Oil Range Organics	n/a	<	3.3	mg/L	EPA 8015B	3.3	5	WKL	
MO-OJA	2020/21-1	Wet	12/28/2020 11:55:00 AM	1/4/2021 12:45:00 PM	Aluminum	Dissolved	=	40	µg/L	EPA 200.8	4.4	20	WKL	
MO-OJA	2020/21-1	Wet	12/28/2020 11:55:00 AM	1/4/2021 12:48:00 PM	Aluminum	Total	=	6700	µg/L	EPA 200.8	4.4	20	WKL	
MO-OJA	2020/21-1	Wet	12/28/2020 11:55:00 AM	1/4/2021 12:45:00 PM	Antimony	Dissolved	DNQ	0.36	µg/L	EPA 200.8	0.089	0.5	WKL	
MO-OJA	2020/21-1	Wet	12/28/2020 11:55:00 AM	1/4/2021 12:48:00 PM	Antimony	Total	=	0.92	µg/L	EPA 200.8	0.089	0.5	WKL	
MO-OJA	2020/21-1	Wet	12/28/2020 11:55:00 AM	1/4/2021 12:45:00 PM	Arsenic	Dissolved	=	1.3	µg/L	EPA 200.8	0.074	0.4	WKL	
MO-OJA	2020/21-1	Wet	12/28/2020 11:55:00 AM	1/4/2021 12:48:00 PM	Arsenic	Total	=	3.5	µg/L	EPA 200.8	0.074	0.4	WKL	
MO-OJA	2020/21-1	Wet	12/28/2020 11:55:00 AM	1/4/2021 12:48:00 PM	Barium	Total	=	140	µg/L	EPA 200.8	0.14	1	WKL	
MO-OJA	2020/21-1	Wet	12/28/2020 11:55:00 AM	1/4/2021 12:45:00 PM	Beryllium	Dissolved	<	0.062	µg/L	EPA 200.8	0.062	0.1	WKL	
MO-OJA	2020/21-1	Wet	12/28/2020 11:55:00 AM	1/4/2021 12:48:00 PM	Beryllium	Total	=	0.33	µg/L	EPA 200.8	0.062	0.1	WKL	
MO-OJA	2020/21-1	Wet	12/28/2020 11:55:00 AM	1/4/2021 12:45:00 PM	Cadmium	Dissolved	<	0.042	µg/L	EPA 200.8	0.042	0.2	WKL	
MO-OJA	2020/21-1	Wet	12/28/2020 11:55:00 AM	1/4/2021 12:48:00 PM	Cadmium	Total	=	0.38	µg/L	EPA 200.8	0.042	0.2	WKL	
MO-OJA	2020/21-1	Wet	12/28/2020 11:55:00 AM	1/4/2021 12:45:00 PM	Chromium	Dissolved	=	0.72	µg/L	EPA 200.8	0.089	0.2	WKL	
MO-OJA	2020/21-1	Wet	12/28/2020 11:55:00 AM	1/4/2021 12:48:00 PM	Chromium	Total	=	13	µg/L	EPA 200.8	0.089	0.2	WKL	
MO-OJA	2020/21-1	Wet	12/28/2020 11:55:00 AM	12/30/2020 3:11:00 PM	Chromium VI	n/a	=	0.33	µg/L	EPA 218.6	0.0079	0.02	WKL	
MO-OJA	2020/21-1	Wet	12/28/2020 11:55:00 AM	1/4/2021 12:45:00 PM	Copper	Dissolved	=	14	µg/L	EPA 200.8	0.23	0.5	WKL	
MO-OJA	2020/21-1	Wet	12/28/2020 11:55:00 AM	1/4/2021 12:48:00 PM	Copper	Total	=	56	µg/L	EPA 200.8	0.23	0.5	WKL	
MO-OJA	2020/21-1	Wet	12/28/2020 11:55:00 AM	1/4/2021 12:45:00 PM	Iron	Dissolved	=	55	µg/L	EPA 200.8	3.9	20	WKL	
MO-OJA	2020/21-1	Wet	12/28/2020 11:55:00 AM	1/4/2021 12:48:00 PM	Iron	Total	=	8900	µg/L	EPA 200.8	3.9	20	WKL	
MO-OJA	2020/21-1	Wet	12/28/2020 11:55:00 AM	1/4/2021 12:45:00 PM	Lead	Dissolved	=	0.62	µg/L	EPA 200.8	0.083	0.2	WKL	
MO-OJA	2020/21-1	Wet	12/28/2020 11:55:00 AM	1/4/2021 12:48:00 PM	Lead	Total	=	15	µg/L	EPA 200.8	0.083	0.2	WKL	
MO-OJA	2020/21-1	Wet	12/28/2020 11:55:00 AM	1/5/2021 2:04:00 PM	Mercury	Dissolved	<	17	ng/L	EPA 245.1	17	50	WKL	
MO-OJA	2020/21-1	Wet	12/28/2020 11:55:00 AM	1/5/2021 2:05:00 PM	Mercury	Total	DNQ	44	ng/L	EPA 245.1	17	50	WKL	
MO-OJA	2020/21-1	Wet	12/28/2020 11:55:00 AM	1/4/2021 12:45:00 PM	Nickel	Dissolved	=	4.1	µg/L	EPA 200.8	0.16	2	WKL	
MO-OJA	2020/21-1	Wet	12/28/2020 11:55:00 AM	1/4/2021 12:48:00 PM	Nickel	Total	=	24	µg/L	EPA 200.8	0.16	2	WKL	
MO-OJA	2020/21-1	Wet	12/28/2020 11:55:00 AM	1/4/2021 12:45:00 PM	Selenium	Dissolved	DNQ	0.2	µg/L	EPA 200.8	0.067	0.4	WKL	
MO-OJA	2020/21-1	Wet	12/28/2020 11:55:00 AM	1/4/2021 12:48:00 PM	Selenium	Total	DNQ	0.38	µg/L	EPA 200.8	0.067	0.4	WKL	
MO-OJA	2020/21-1	Wet	12/28/2020 11:55:00 AM	1/4/2021 12:45:00 PM	Silver	Dissolved	DNQ	0.074	µg/L	EPA 200.8	0.03	0.2	WKL	
MO-OJA	2020/21-1	Wet	12/28/2020 11:55:00 AM	1/4/2021 12:48:00 PM	Silver	Total	DNQ	0.11	µg/L	EPA 200.8	0.03	0.2	WKL	
MO-OJA	2020/21-1	Wet	12/28/2020 11:55:00 AM	1/4/2021 12:45:00 PM	Thallium	Dissolved	<	0.021	µg/L	EPA 200.8	0.021	0.2	WKL	
MO-OJA	2020/21-1	Wet	12/28/2020 11:55:00 AM	1/4/2021 12:48:00 PM	Thallium	Total	DNQ	0.092	µg/L	EPA 200.8	0.021	0.2	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-OJA	2020/21-1	Wet	12/28/2020 11:55:00 AM	1/4/2021 12:45:00 PM	Zinc	Dissolved	=	42	µg/L	EPA 200.8	0.8	10	WKL	
MO-OJA	2020/21-1	Wet	12/28/2020 11:55:00 AM	1/4/2021 12:48:00 PM	Zinc	Total	=	210	µg/L	EPA 200.8	0.8	10	WKL	
MO-OJA	2020/21-1	Wet	12/28/2020 11:55:00 AM	12/29/2020 5:51:00 PM	Ammonia as N	n/a	=	1	mg/L	EPA 350.1	0.047	0.1	WKL	
MO-OJA	2020/21-1	Wet	12/28/2020 11:55:00 AM	12/29/2020 12:42:00 PM	Nitrate + Nitrite as N	n/a	=	0.96	mg/L	EPA 353.2	0.036	0.2	WKL	
MO-OJA	2020/21-1	Wet	12/28/2020 11:55:00 AM	1/2/2021 12:36:00 PM	Phosphorus as P	Dissolved	=	0.7	mg/L	EPA 200.7	0.012	0.02	WKL	
MO-OJA	2020/21-1	Wet	12/28/2020 11:55:00 AM	1/2/2021 12:39:00 PM	Phosphorus as P	Total	=	1.6	mg/L	EPA 200.7	0.012	0.02	WKL	
MO-OJA	2020/21-1	Wet	12/28/2020 11:55:00 AM	12/31/2020 1:28:00 PM	TKN	n/a	=	6	mg/L	EPA 351.2	0.26	0.4	WKL	
MO-OJA	2020/21-1	Wet	12/28/2020 11:55:00 AM	2/2/2021 9:28:00 PM	1,2,4-Trichlorobenzene	n/a	<	9.8	µg/L	EPA 625.1	9.8	20	WKL	
MO-OJA	2020/21-1	Wet	12/28/2020 11:55:00 AM	2/2/2021 9:28:00 PM	1,2-Dichlorobenzene	n/a	<	9.2	µg/L	EPA 625.1	9.2	20	WKL	
MO-OJA	2020/21-1	Wet	12/28/2020 11:55:00 AM	2/2/2021 9:28:00 PM	1,2-Diphenylhydrazine	n/a	<	6	µg/L	EPA 625.1	6	20	WKL	
MO-OJA	2020/21-1	Wet	12/28/2020 11:55:00 AM	2/2/2021 9:28:00 PM	1,3-Dichlorobenzene	n/a	<	8.4	µg/L	EPA 625.1	8.4	20	WKL	
MO-OJA	2020/21-1	Wet	12/28/2020 11:55:00 AM	2/2/2021 9:28:00 PM	1,4-Dichlorobenzene	n/a	<	9.6	µg/L	EPA 625.1	9.6	20	WKL	
MO-OJA	2020/21-1	Wet	12/28/2020 11:55:00 AM	1/30/2021 8:07:00 PM	1-Methylnaphthalene	n/a	<	0.48	µg/L	EPA 8270C	0.48	2	WKL	
MO-OJA	2020/21-1	Wet	12/28/2020 11:55:00 AM	2/2/2021 1:39:00 AM	2,4,5-Trichlorophenol	n/a	<	5.8	µg/L	EPA 8270C	5.8	20	WKL	
MO-OJA	2020/21-1	Wet	12/28/2020 11:55:00 AM	2/2/2021 1:39:00 AM	2,4,6-Trichlorophenol	n/a	<	6	µg/L	EPA 8270C	6	20	WKL	
MO-OJA	2020/21-1	Wet	12/28/2020 11:55:00 AM	2/2/2021 9:28:00 PM	2,4,6-Trichlorophenol	n/a	<	4.4	µg/L	EPA 625.1	4.4	20	WKL	
MO-OJA	2020/21-1	Wet	12/28/2020 11:55:00 AM	2/2/2021 9:28:00 PM	2,4-Dichlorophenol	n/a	<	5.2	µg/L	EPA 625.1	5.2	20	WKL	
MO-OJA	2020/21-1	Wet	12/28/2020 11:55:00 AM	2/2/2021 1:39:00 AM	2,4-Dichlorophenol	n/a	<	10	µg/L	EPA 8270C	10	20	WKL	
MO-OJA	2020/21-1	Wet	12/28/2020 11:55:00 AM	2/2/2021 1:39:00 AM	2,4-Dimethylphenol	n/a	<	20	µg/L	EPA 8270C	20	40	WKL	LB-LCSR
MO-OJA	2020/21-1	Wet	12/28/2020 11:55:00 AM	2/2/2021 9:28:00 PM	2,4-Dimethylphenol	n/a	<	6	µg/L	EPA 625.1	6	20	WKL	
MO-OJA	2020/21-1	Wet	12/28/2020 11:55:00 AM	2/2/2021 9:28:00 PM	2,4-Dinitrophenol	n/a	<	37	µg/L	EPA 625.1	37	200	WKL	
MO-OJA	2020/21-1	Wet	12/28/2020 11:55:00 AM	2/2/2021 1:39:00 AM	2,4-Dinitrophenol	n/a	<	20	µg/L	EPA 8270C	20	40	WKL	
MO-OJA	2020/21-1	Wet	12/28/2020 11:55:00 AM	2/2/2021 9:28:00 PM	2,4-Dinitrotoluene	n/a	<	3.6	µg/L	EPA 625.1	3.6	20	WKL	
MO-OJA	2020/21-1	Wet	12/28/2020 11:55:00 AM	2/2/2021 9:28:00 PM	2,6-Dinitrotoluene	n/a	<	5.4	µg/L	EPA 625.1	5.4	20	WKL	
MO-OJA	2020/21-1	Wet	12/28/2020 11:55:00 AM	2/2/2021 9:28:00 PM	2-Chloronaphthalene	n/a	<	9	µg/L	EPA 625.1	9	20	WKL	
MO-OJA	2020/21-1	Wet	12/28/2020 11:55:00 AM	2/2/2021 1:39:00 AM	2-Chlorophenol	n/a	<	13	µg/L	EPA 8270C	13	20	WKL	
MO-OJA	2020/21-1	Wet	12/28/2020 11:55:00 AM	2/2/2021 9:28:00 PM	2-Chlorophenol	n/a	<	5.6	µg/L	EPA 625.1	5.6	20	WKL	
MO-OJA	2020/21-1	Wet	12/28/2020 11:55:00 AM	1/30/2021 8:07:00 PM	2-Methylnaphthalene	n/a	<	0.52	µg/L	EPA 8270C	0.52	2	WKL	
MO-OJA	2020/21-1	Wet	12/28/2020 11:55:00 AM	2/2/2021 1:39:00 AM	2-Methylphenol	n/a	<	6.8	µg/L	EPA 8270C	6.8	20	WKL	
MO-OJA	2020/21-1	Wet	12/28/2020 11:55:00 AM	2/2/2021 9:28:00 PM	2-Nitrophenol	n/a	<	5.2	µg/L	EPA 625.1	5.2	20	WKL	
MO-OJA	2020/21-1	Wet	12/28/2020 11:55:00 AM	2/2/2021 1:39:00 AM	2-Nitrophenol	n/a	<	14	µg/L	EPA 8270C	14	20	WKL	
MO-OJA	2020/21-1	Wet	12/28/2020 11:55:00 AM	2/2/2021 9:28:00 PM	3,3'-Dichlorobenzidine	n/a	<	20	µg/L	EPA 625.1	20	100	WKL	
MO-OJA	2020/21-1	Wet	12/28/2020 11:55:00 AM	2/2/2021 1:39:00 AM	3-/4-Methylphenol	n/a	<	6	µg/L	EPA 8270C	6	20	WKL	
MO-OJA	2020/21-1	Wet	12/28/2020 11:55:00 AM	2/2/2021 9:28:00 PM	4,6-Dinitro-2-methylphenol	n/a	<	28	µg/L	EPA 625.1	28	100	WKL	
MO-OJA	2020/21-1	Wet	12/28/2020 11:55:00 AM	2/2/2021 1:39:00 AM	4,6-Dinitro-2-methylphenol	n/a	<	2.8	µg/L	EPA 8270C	2.8	20	WKL	
MO-OJA	2020/21-1	Wet	12/28/2020 11:55:00 AM	2/2/2021 9:28:00 PM	4-Bromophenyl phenyl ether	n/a	<	7.2	µg/L	EPA 625.1	7.2	20	WKL	
MO-OJA	2020/21-1	Wet	12/28/2020 11:55:00 AM	2/2/2021 9:28:00 PM	4-Chloro-3-methylphenol	n/a	<	4.6	µg/L	EPA 625.1	4.6	20	WKL	
MO-OJA	2020/21-1	Wet	12/28/2020 11:55:00 AM	2/2/2021 1:39:00 AM	4-Chloro-3-methylphenol	n/a	<	7.4	µg/L	EPA 8270C	7.4	20	WKL	
MO-OJA	2020/21-1	Wet	12/28/2020 11:55:00 AM	2/2/2021 9:28:00 PM	4-Chlorophenyl phenyl ether	n/a	<	8.2	µg/L	EPA 625.1	8.2	20	WKL	
MO-OJA	2020/21-1	Wet	12/28/2020 11:55:00 AM	2/2/2021 9:28:00 PM	4-Nitrophenol	n/a	<	25	µg/L	EPA 625.1	25	100	WKL	
MO-OJA	2020/21-1	Wet	12/28/2020 11:55:00 AM	2/2/2021 1:39:00 AM	4-Nitrophenol	n/a	<	20	µg/L	EPA 8270C	20	40	WKL	
MO-OJA	2020/21-1	Wet	12/28/2020 11:55:00 AM	2/2/2021 9:28:00 PM	Acenaphthene	n/a	<	7.6	µg/L	EPA 625.1	7.6	20	WKL	
MO-OJA	2020/21-1	Wet	12/28/2020 11:55:00 AM	1/30/2021 8:07:00 PM	Acenaphthene	n/a	<	0.56	µg/L	EPA 8270C	0.56	2	WKL	
MO-OJA	2020/21-1	Wet	12/28/2020 11:55:00 AM	1/30/2021 8:07:00 PM	Acenaphthylene	n/a	<	0.66	µg/L	EPA 8270C	0.66	2	WKL	
MO-OJA	2020/21-1	Wet	12/28/2020 11:55:00 AM	2/2/2021 9:28:00 PM	Acenaphthylene	n/a	<	3.4	µg/L	EPA 625.1	3.4	20	WKL	
MO-OJA	2020/21-1	Wet	12/28/2020 11:55:00 AM	1/30/2021 8:07:00 PM	Anthracene	n/a	<	0.5	µg/L	EPA 8270C	0.5	2	WKL	
MO-OJA	2020/21-1	Wet	12/28/2020 11:55:00 AM	2/2/2021 9:28:00 PM	Anthracene	n/a	<	2.4	µg/L	EPA 625.1	2.4	20	WKL	
MO-OJA	2020/21-1	Wet	12/28/2020 11:55:00 AM	2/2/2021 9:28:00 PM	Benz(a)anthracene	n/a	<	3.8	µg/L	EPA 625.1	3.8	20	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-OJA	2020/21-1	Wet	12/28/2020 11:55:00 AM	1/30/2021 8:07:00 PM	Benzo(a)anthracene	n/a	<	1	µg/L	EPA 8270C	1	2	WKL	
MO-OJA	2020/21-1	Wet	12/28/2020 11:55:00 AM	2/2/2021 9:28:00 PM	Benzo(a)anthracene	n/a	<	29	µg/L	EPA 625.1	29	200	WKL	
MO-OJA	2020/21-1	Wet	12/28/2020 11:55:00 AM	1/16/2021 2:31:00 AM	Benzo(a)pyrene	n/a	DNQ	1.2	µg/L	EPA 525.2	0.4	2	WKL	UL-MB
MO-OJA	2020/21-1	Wet	12/28/2020 11:55:00 AM	1/30/2021 8:07:00 PM	Benzo(a)pyrene	n/a	DNQ	1.1	µg/L	EPA 8270C	1	2	WKL	
MO-OJA	2020/21-1	Wet	12/28/2020 11:55:00 AM	2/2/2021 9:28:00 PM	Benzo(a)pyrene	n/a	<	7.8	µg/L	EPA 625.1	7.8	20	WKL	
MO-OJA	2020/21-1	Wet	12/28/2020 11:55:00 AM	1/30/2021 8:07:00 PM	Benzo(b)fluoranthene	n/a	DNQ	1	µg/L	EPA 8270C	0.54	2	WKL	
MO-OJA	2020/21-1	Wet	12/28/2020 11:55:00 AM	2/2/2021 9:28:00 PM	Benzo(b)fluoranthene	n/a	<	9.2	µg/L	EPA 625.1	9.2	20	WKL	
MO-OJA	2020/21-1	Wet	12/28/2020 11:55:00 AM	1/30/2021 8:07:00 PM	Benzo(g,h,i)perylene	n/a	<	1	µg/L	EPA 8270C	1	2	WKL	
MO-OJA	2020/21-1	Wet	12/28/2020 11:55:00 AM	2/2/2021 9:28:00 PM	Benzo(g,h,i)perylene	n/a	<	8.4	µg/L	EPA 625.1	8.4	40	WKL	
MO-OJA	2020/21-1	Wet	12/28/2020 11:55:00 AM	1/30/2021 8:07:00 PM	Benzo(k)fluoranthene	n/a	DNQ	1	µg/L	EPA 8270C	0.52	2	WKL	
MO-OJA	2020/21-1	Wet	12/28/2020 11:55:00 AM	2/2/2021 9:28:00 PM	Benzo(k)fluoranthene	n/a	<	4.4	µg/L	EPA 625.1	4.4	20	WKL	
MO-OJA	2020/21-1	Wet	12/28/2020 11:55:00 AM	2/2/2021 9:28:00 PM	Bis(2-chloroethoxy)methane	n/a	<	5	µg/L	EPA 625.1	5	20	WKL	
MO-OJA	2020/21-1	Wet	12/28/2020 11:55:00 AM	2/2/2021 9:28:00 PM	Bis(2-chloroethyl)ether	n/a	<	5.4	µg/L	EPA 625.1	5.4	20	WKL	
MO-OJA	2020/21-1	Wet	12/28/2020 11:55:00 AM	2/2/2021 9:28:00 PM	Bis(2-chloroisopropyl)ether	n/a	<	7.6	µg/L	EPA 625.1	7.6	20	WKL	
MO-OJA	2020/21-1	Wet	12/28/2020 11:55:00 AM	1/16/2021 2:31:00 AM	Bis(2-ethylhexyl)adipate	n/a	DNQ	6.8	µg/L	EPA 525.2	2.4	100	WKL	UL-MB
MO-OJA	2020/21-1	Wet	12/28/2020 11:55:00 AM	1/16/2021 2:31:00 AM	Bis(2-ethylhexyl)phthalate	n/a	<	8.2	µg/L	EPA 525.2	8.2	60	WKL	
MO-OJA	2020/21-1	Wet	12/28/2020 11:55:00 AM	2/2/2021 9:28:00 PM	Bis(2-ethylhexyl)phthalate	n/a	DNQ	64	µg/L	EPA 625.1	46	100	WKL	
MO-OJA	2020/21-1	Wet	12/28/2020 11:55:00 AM	2/2/2021 9:28:00 PM	Butyl benzyl phthalate	n/a	<	3.6	µg/L	EPA 625.1	3.6	20	WKL	
MO-OJA	2020/21-1	Wet	12/28/2020 11:55:00 AM	1/30/2021 8:07:00 PM	Chrysene	n/a	<	0.64	µg/L	EPA 8270C	0.64	2	WKL	
MO-OJA	2020/21-1	Wet	12/28/2020 11:55:00 AM	2/2/2021 9:28:00 PM	Chrysene	n/a	<	3.8	µg/L	EPA 625.1	3.8	20	WKL	
MO-OJA	2020/21-1	Wet	12/28/2020 11:55:00 AM	1/30/2021 8:07:00 PM	Dibenz(a,h)anthracene	n/a	<	1.9	µg/L	EPA 8270C	1.9	2	WKL	
MO-OJA	2020/21-1	Wet	12/28/2020 11:55:00 AM	2/2/2021 9:28:00 PM	Dibenz(a,h)anthracene	n/a	<	11	µg/L	EPA 625.1	11	40	WKL	
MO-OJA	2020/21-1	Wet	12/28/2020 11:55:00 AM	2/2/2021 9:28:00 PM	Diethyl phthalate	n/a	<	3	µg/L	EPA 625.1	3	20	WKL	
MO-OJA	2020/21-1	Wet	12/28/2020 11:55:00 AM	2/2/2021 9:28:00 PM	Dimethyl phthalate	n/a	<	3.6	µg/L	EPA 625.1	3.6	20	WKL	
MO-OJA	2020/21-1	Wet	12/28/2020 11:55:00 AM	2/2/2021 9:28:00 PM	Di-n-butylphthalate	n/a	<	2	µg/L	EPA 625.1	2	20	WKL	
MO-OJA	2020/21-1	Wet	12/28/2020 11:55:00 AM	2/2/2021 9:28:00 PM	Di-n-octylphthalate	n/a	<	9.2	µg/L	EPA 625.1	9.2	20	WKL	
MO-OJA	2020/21-1	Wet	12/28/2020 11:55:00 AM	2/2/2021 9:28:00 PM	Fluoranthene	n/a	<	1.6	µg/L	EPA 625.1	1.6	20	WKL	
MO-OJA	2020/21-1	Wet	12/28/2020 11:55:00 AM	1/30/2021 8:07:00 PM	Fluoranthene	n/a	<	0.78	µg/L	EPA 8270C	0.78	2	WKL	
MO-OJA	2020/21-1	Wet	12/28/2020 11:55:00 AM	2/2/2021 9:28:00 PM	Fluorene	n/a	<	7	µg/L	EPA 625.1	7	20	WKL	
MO-OJA	2020/21-1	Wet	12/28/2020 11:55:00 AM	1/30/2021 8:07:00 PM	Fluorene	n/a	<	0.58	µg/L	EPA 8270C	0.58	2	WKL	
MO-OJA	2020/21-1	Wet	12/28/2020 11:55:00 AM	2/2/2021 9:28:00 PM	Hexachlorobenzene	n/a	<	9.8	µg/L	EPA 625.1	9.8	20	WKL	
MO-OJA	2020/21-1	Wet	12/28/2020 11:55:00 AM	2/2/2021 9:28:00 PM	Hexachlorobutadiene	n/a	<	9.4	µg/L	EPA 625.1	9.4	20	WKL	
MO-OJA	2020/21-1	Wet	12/28/2020 11:55:00 AM	2/2/2021 9:28:00 PM	Hexachlorocyclopentadiene	n/a	<	20	µg/L	EPA 625.1	20	100	WKL	
MO-OJA	2020/21-1	Wet	12/28/2020 11:55:00 AM	2/2/2021 9:28:00 PM	Hexachloroethane	n/a	<	10	µg/L	EPA 625.1	10	20	WKL	
MO-OJA	2020/21-1	Wet	12/28/2020 11:55:00 AM	1/30/2021 8:07:00 PM	Indeno(1,2,3-cd)pyrene	n/a	<	1.3	µg/L	EPA 8270C	1.3	2	WKL	
MO-OJA	2020/21-1	Wet	12/28/2020 11:55:00 AM	2/2/2021 9:28:00 PM	Indeno(1,2,3-cd)pyrene	n/a	<	11	µg/L	EPA 625.1	11	40	WKL	
MO-OJA	2020/21-1	Wet	12/28/2020 11:55:00 AM	2/2/2021 9:28:00 PM	Isophorone	n/a	<	4.2	µg/L	EPA 625.1	4.2	20	WKL	
MO-OJA	2020/21-1	Wet	12/28/2020 11:55:00 AM	2/2/2021 9:28:00 PM	Naphthalene	n/a	<	9.8	µg/L	EPA 625.1	9.8	20	WKL	
MO-OJA	2020/21-1	Wet	12/28/2020 11:55:00 AM	1/30/2021 8:07:00 PM	Naphthalene	n/a	<	0.52	µg/L	EPA 8270C	0.52	2	WKL	
MO-OJA	2020/21-1	Wet	12/28/2020 11:55:00 AM	2/2/2021 9:28:00 PM	Nitrobenzene	n/a	<	7.2	µg/L	EPA 625.1	7.2	20	WKL	
MO-OJA	2020/21-1	Wet	12/28/2020 11:55:00 AM	2/2/2021 9:28:00 PM	N-Nitrosodimethylamine	n/a	<	10	µg/L	EPA 625.1	10	20	WKL	
MO-OJA	2020/21-1	Wet	12/28/2020 11:55:00 AM	2/2/2021 9:28:00 PM	N-Nitrosodi-N-propylamine	n/a	<	5.2	µg/L	EPA 625.1	5.2	20	WKL	
MO-OJA	2020/21-1	Wet	12/28/2020 11:55:00 AM	2/2/2021 9:28:00 PM	N-Nitrosodiphenylamine	n/a	<	3.8	µg/L	EPA 625.1	3.8	20	WKL	
MO-OJA	2020/21-1	Wet	12/28/2020 11:55:00 AM	1/30/2021 8:07:00 PM	Phenanthrene	n/a	<	0.58	µg/L	EPA 8270C	0.58	2	WKL	
MO-OJA	2020/21-1	Wet	12/28/2020 11:55:00 AM	2/2/2021 9:28:00 PM	Phenanthrene	n/a	<	6.4	µg/L	EPA 625.1	6.4	20	WKL	
MO-OJA	2020/21-1	Wet	12/28/2020 11:55:00 AM	2/2/2021 9:28:00 PM	Phenol	n/a	<	3.2	µg/L	EPA 625.1	3.2	20	WKL	
MO-OJA	2020/21-1	Wet	12/28/2020 11:55:00 AM	2/2/2021 1:39:00 AM	Phenol	n/a	<	7	µg/L	EPA 8270C	7	20	WKL	
MO-OJA	2020/21-1	Wet	12/28/2020 11:55:00 AM	2/2/2021 9:28:00 PM	Pyrene	n/a	<	5	µg/L	EPA 625.1	5	20	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-OJA	2020/21-1	Wet	12/28/2020 11:55:00 AM	1/30/2021 8:07:00 PM	Pyrene	n/a	<	0.8	µg/L	EPA 8270C	0.8	2	WKL	
MO-OJA	2020/21-1	Wet	12/28/2020 11:55:00 AM	1/14/2021 1:25:00 AM	PCB Aroclor 1016	n/a	<	10	µg/L	EPA 608.3	10	10	WKL	
MO-OJA	2020/21-1	Wet	12/28/2020 11:55:00 AM	1/14/2021 1:25:00 AM	PCB Aroclor 1221	n/a	<	10	µg/L	EPA 608.3	10	10	WKL	
MO-OJA	2020/21-1	Wet	12/28/2020 11:55:00 AM	1/14/2021 1:25:00 AM	PCB Aroclor 1232	n/a	<	10	µg/L	EPA 608.3	10	10	WKL	
MO-OJA	2020/21-1	Wet	12/28/2020 11:55:00 AM	1/14/2021 1:25:00 AM	PCB Aroclor 1242	n/a	<	10	µg/L	EPA 608.3	10	10	WKL	
MO-OJA	2020/21-1	Wet	12/28/2020 11:55:00 AM	1/14/2021 1:25:00 AM	PCB Aroclor 1248	n/a	<	10	µg/L	EPA 608.3	10	10	WKL	
MO-OJA	2020/21-1	Wet	12/28/2020 11:55:00 AM	1/14/2021 1:25:00 AM	PCB Aroclor 1254	n/a	<	10	µg/L	EPA 608.3	10	10	WKL	
MO-OJA	2020/21-1	Wet	12/28/2020 11:55:00 AM	1/14/2021 1:25:00 AM	PCB Aroclor 1260	n/a	<	10	µg/L	EPA 608.3	10	10	WKL	
MO-OJA	2020/21-1	Wet	12/28/2020 11:55:00 AM	1/10/2021 5:52:00 AM	2,4,5-T	n/a	<	0.55	µg/L	EPA 515.4	0.55	2	WKL	
MO-OJA	2020/21-1	Wet	12/28/2020 11:55:00 AM	1/10/2021 5:52:00 AM	2,4,5-TP	n/a	<	0.46	µg/L	EPA 515.4	0.46	2	WKL	
MO-OJA	2020/21-1	Wet	12/28/2020 11:55:00 AM	1/10/2021 5:52:00 AM	2,4-D	n/a	<	1.4	µg/L	EPA 515.4	1.4	4	WKL	
MO-OJA	2020/21-1	Wet	12/28/2020 11:55:00 AM	1/10/2021 5:52:00 AM	2,4-DB	n/a	<	1.9	µg/L	EPA 515.4	1.9	20	WKL	
MO-OJA	2020/21-1	Wet	12/28/2020 11:55:00 AM	1/10/2021 5:52:00 AM	3,5-Dichlorobenzoic acid	n/a	<	1.2	µg/L	EPA 515.4	1.2	10	WKL	
MO-OJA	2020/21-1	Wet	12/28/2020 11:55:00 AM	1/14/2021 1:25:00 AM	4,4'-DDD	n/a	<	0.014	µg/L	EPA 608.3	0.014	1	WKL	
MO-OJA	2020/21-1	Wet	12/28/2020 11:55:00 AM	1/14/2021 1:25:00 AM	4,4'-DDE	n/a	<	0.014	µg/L	EPA 608.3	0.014	1	WKL	
MO-OJA	2020/21-1	Wet	12/28/2020 11:55:00 AM	1/14/2021 1:25:00 AM	4,4'-DDT	n/a	<	0.022	µg/L	EPA 608.3	0.022	0.2	WKL	
MO-OJA	2020/21-1	Wet	12/28/2020 11:55:00 AM	1/10/2021 5:52:00 AM	Acifluorfen	n/a	<	0.72	µg/L	EPA 515.4	0.72	4	WKL	
MO-OJA	2020/21-1	Wet	12/28/2020 11:55:00 AM	1/16/2021 2:31:00 AM	Alachlor	n/a	<	0.6	µg/L	EPA 525.2	0.6	2	WKL	
MO-OJA	2020/21-1	Wet	12/28/2020 11:55:00 AM	1/14/2021 1:25:00 AM	Aldrin	n/a	<	0.02	µg/L	EPA 608.3	0.02	0.1	WKL	
MO-OJA	2020/21-1	Wet	12/28/2020 11:55:00 AM	1/14/2021 1:25:00 AM	alpha-BHC	n/a	<	0.022	µg/L	EPA 608.3	0.022	0.2	WKL	
MO-OJA	2020/21-1	Wet	12/28/2020 11:55:00 AM	1/14/2021 1:25:00 AM	alpha-Chlordane	n/a	<	0.058	µg/L	EPA 608.3	0.058	0.2	WKL	
MO-OJA	2020/21-1	Wet	12/28/2020 11:55:00 AM	1/16/2021 2:31:00 AM	Atrazine	n/a	<	0.6	µg/L	EPA 525.2	0.6	2	WKL	
MO-OJA	2020/21-1	Wet	12/28/2020 11:55:00 AM	1/20/2021 2:08:00 AM	Azinphos methyl	n/a	<	0.28	µg/L	EPA 625.1m	0.28	0.5	WKL	
MO-OJA	2020/21-1	Wet	12/28/2020 11:55:00 AM	1/10/2021 5:52:00 AM	Bentazon	n/a	<	2.3	µg/L	EPA 515.4	2.3	20	WKL	
MO-OJA	2020/21-1	Wet	12/28/2020 11:55:00 AM	1/14/2021 1:25:00 AM	beta-BHC	n/a	<	0.03	µg/L	EPA 608.3	0.03	0.1	WKL	
MO-OJA	2020/21-1	Wet	12/28/2020 11:55:00 AM	1/20/2021 2:08:00 AM	Bolstar	n/a	<	0.23	µg/L	EPA 625.1m	0.23	0.5	WKL	
MO-OJA	2020/21-1	Wet	12/28/2020 11:55:00 AM	1/16/2021 2:31:00 AM	Bromacil	n/a	<	3.2	µg/L	EPA 525.2	3.2	10	WKL	
MO-OJA	2020/21-1	Wet	12/28/2020 11:55:00 AM	1/16/2021 2:31:00 AM	Butachlor	n/a	<	0.6	µg/L	EPA 525.2	0.6	2	WKL	
MO-OJA	2020/21-1	Wet	12/28/2020 11:55:00 AM	1/16/2021 2:31:00 AM	Captan	n/a	<	3.2	µg/L	EPA 525.2	3.2	20	WKL	
MO-OJA	2020/21-1	Wet	12/28/2020 11:55:00 AM	1/14/2021 1:25:00 AM	Chlordane (technical)	n/a	<	2	µg/L	EPA 608.3	2	2	WKL	
MO-OJA	2020/21-1	Wet	12/28/2020 11:55:00 AM	1/16/2021 2:31:00 AM	Chlorpropham	n/a	<	0.8	µg/L	EPA 525.2	0.8	2	WKL	
MO-OJA	2020/21-1	Wet	12/28/2020 11:55:00 AM	1/20/2021 2:08:00 AM	Chlorpyrifos	n/a	<	0.34	µg/L	EPA 625.1m	0.34	0.5	WKL	
MO-OJA	2020/21-1	Wet	12/28/2020 11:55:00 AM	1/20/2021 2:08:00 AM	Coumaphos	n/a	<	0.26	µg/L	EPA 625.1m	0.26	0.5	WKL	
MO-OJA	2020/21-1	Wet	12/28/2020 11:55:00 AM	1/16/2021 2:31:00 AM	Cyanazine	n/a	<	0.8	µg/L	EPA 525.2	0.8	2	WKL	
MO-OJA	2020/21-1	Wet	12/28/2020 11:55:00 AM	1/10/2021 5:52:00 AM	Dalapon	n/a	<	1.1	µg/L	EPA 515.4	1.1	4	WKL	
MO-OJA	2020/21-1	Wet	12/28/2020 11:55:00 AM	1/10/2021 5:52:00 AM	DCPA (Dacthal)	n/a	<	0.53	µg/L	EPA 515.4	0.53	1	WKL	
MO-OJA	2020/21-1	Wet	12/28/2020 11:55:00 AM	1/14/2021 1:25:00 AM	delta-BHC	n/a	<	0.1	µg/L	EPA 608.3	0.1	0.1	WKL	
MO-OJA	2020/21-1	Wet	12/28/2020 11:55:00 AM	1/20/2021 2:08:00 AM	Demeton-O	n/a	<	0.5	µg/L	EPA 625.1m	0.5	0.5	WKL	-LCSRPD, LB-L
MO-OJA	2020/21-1	Wet	12/28/2020 11:55:00 AM	1/20/2021 2:08:00 AM	Demeton-S	n/a	<	0.5	µg/L	EPA 625.1m	0.5	0.5	WKL	
MO-OJA	2020/21-1	Wet	12/28/2020 11:55:00 AM	1/16/2021 2:31:00 AM	Diazinon	n/a	<	1	µg/L	EPA 525.2	1	2	WKL	
MO-OJA	2020/21-1	Wet	12/28/2020 11:55:00 AM	1/20/2021 2:08:00 AM	Diazinon	n/a	<	0.26	µg/L	EPA 625.1m	0.26	0.5	WKL	EST-LCSRPD
MO-OJA	2020/21-1	Wet	12/28/2020 11:55:00 AM	1/10/2021 5:52:00 AM	Dicamba	n/a	<	0.75	µg/L	EPA 515.4	0.75	6	WKL	
MO-OJA	2020/21-1	Wet	12/28/2020 11:55:00 AM	1/10/2021 5:52:00 AM	Dichlorprop	n/a	<	1.2	µg/L	EPA 515.4	1.2	3	WKL	
MO-OJA	2020/21-1	Wet	12/28/2020 11:55:00 AM	1/20/2021 2:08:00 AM	Dichlorvos	n/a	<	0.14	µg/L	EPA 625.1m	0.14	0.5	WKL	
MO-OJA	2020/21-1	Wet	12/28/2020 11:55:00 AM	1/14/2021 1:25:00 AM	Dieldrin	n/a	<	0.016	µg/L	EPA 608.3	0.016	0.2	WKL	
MO-OJA	2020/21-1	Wet	12/28/2020 11:55:00 AM	1/16/2021 2:31:00 AM	Dimethoate	n/a	<	0.4	µg/L	EPA 525.2	0.4	4	WKL	LB-LCSR
MO-OJA	2020/21-1	Wet	12/28/2020 11:55:00 AM	1/20/2021 2:08:00 AM	Dimethoate	n/a	<	0.31	µg/L	EPA 625.1m	0.31	0.5	WKL	
MO-OJA	2020/21-1	Wet	12/28/2020 11:55:00 AM	1/10/2021 5:52:00 AM	Dinoseb	n/a	<	0.55	µg/L	EPA 515.4	0.55	4	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-OJA	2020/21-1	Wet	12/28/2020 11:55:00 AM	1/16/2021 2:31:00 AM	Diphenamid	n/a	<	0.6	µg/L	EPA 525.2	0.6	2	WKL	
MO-OJA	2020/21-1	Wet	12/28/2020 11:55:00 AM	1/20/2021 2:08:00 AM	Disulfoton	n/a	<	0.5	µg/L	EPA 625.1m	0.5	0.5	WKL	
MO-OJA	2020/21-1	Wet	12/28/2020 11:55:00 AM	1/16/2021 2:31:00 AM	Disulfoton	n/a	<	0.8	µg/L	EPA 525.2	0.8	2	WKL	
MO-OJA	2020/21-1	Wet	12/28/2020 11:55:00 AM	1/14/2021 1:25:00 AM	Endosulfan I	n/a	<	0.018	µg/L	EPA 608.3	0.018	0.4	WKL	
MO-OJA	2020/21-1	Wet	12/28/2020 11:55:00 AM	1/14/2021 1:25:00 AM	Endosulfan II	n/a	<	0.014	µg/L	EPA 608.3	0.014	0.2	WKL	
MO-OJA	2020/21-1	Wet	12/28/2020 11:55:00 AM	1/14/2021 1:25:00 AM	Endosulfan sulfate	n/a	<	0.026	µg/L	EPA 608.3	0.026	1	WKL	
MO-OJA	2020/21-1	Wet	12/28/2020 11:55:00 AM	1/14/2021 1:25:00 AM	Endrin	n/a	<	0.034	µg/L	EPA 608.3	0.034	0.2	WKL	
MO-OJA	2020/21-1	Wet	12/28/2020 11:55:00 AM	1/14/2021 1:25:00 AM	Endrin aldehyde	n/a	<	0.038	µg/L	EPA 608.3	0.038	0.2	WKL	
MO-OJA	2020/21-1	Wet	12/28/2020 11:55:00 AM	1/16/2021 2:31:00 AM	EPTC	n/a	<	0.4	µg/L	EPA 525.2	0.4	2	WKL	
MO-OJA	2020/21-1	Wet	12/28/2020 11:55:00 AM	1/20/2021 2:08:00 AM	Ethoprop	n/a	<	0.34	µg/L	EPA 625.1m	0.34	0.5	WKL	
MO-OJA	2020/21-1	Wet	12/28/2020 11:55:00 AM	1/20/2021 2:08:00 AM	Ethyl parathion	n/a	<	0.27	µg/L	EPA 625.1m	0.27	0.5	WKL	EST-LCSRPD
MO-OJA	2020/21-1	Wet	12/28/2020 11:55:00 AM	1/20/2021 2:08:00 AM	Fensulfotion	n/a	<	0.14	µg/L	EPA 625.1m	0.14	0.5	WKL	
MO-OJA	2020/21-1	Wet	12/28/2020 11:55:00 AM	1/20/2021 2:08:00 AM	Fenthion	n/a	<	0.19	µg/L	EPA 625.1m	0.19	0.5	WKL	
MO-OJA	2020/21-1	Wet	12/28/2020 11:55:00 AM	1/14/2021 1:25:00 AM	gamma-BHC (Lindane)	n/a	<	0.008	µg/L	EPA 608.3	0.008	0.4	WKL	
MO-OJA	2020/21-1	Wet	12/28/2020 11:55:00 AM	1/14/2021 1:25:00 AM	gamma-Chlordane	n/a	<	0.046	µg/L	EPA 608.3	0.046	0.2	WKL	
MO-OJA	2020/21-1	Wet	12/28/2020 11:55:00 AM	12/30/2020 2:43:00 AM	Glyphosate	n/a	<	9	µg/L	EPA 547	9	25	WKL	
MO-OJA	2020/21-1	Wet	12/28/2020 11:55:00 AM	1/14/2021 1:25:00 AM	Heptachlor	n/a	<	0.012	µg/L	EPA 608.3	0.012	0.2	WKL	
MO-OJA	2020/21-1	Wet	12/28/2020 11:55:00 AM	1/14/2021 1:25:00 AM	Heptachlor epoxide	n/a	<	0.008	µg/L	EPA 608.3	0.008	0.2	WKL	
MO-OJA	2020/21-1	Wet	12/28/2020 11:55:00 AM	1/20/2021 2:08:00 AM	Malathion	n/a	<	0.38	µg/L	EPA 625.1m	0.38	0.5	WKL	
MO-OJA	2020/21-1	Wet	12/28/2020 11:55:00 AM	1/20/2021 2:08:00 AM	Merphos	n/a	<	0.29	µg/L	EPA 625.1m	0.29	0.5	WKL	
MO-OJA	2020/21-1	Wet	12/28/2020 11:55:00 AM	1/20/2021 2:08:00 AM	Methyl parathion	n/a	<	0.32	µg/L	EPA 625.1m	0.32	0.5	WKL	
MO-OJA	2020/21-1	Wet	12/28/2020 11:55:00 AM	1/16/2021 2:31:00 AM	Metolachlor	n/a	<	0.6	µg/L	EPA 525.2	0.6	2	WKL	
MO-OJA	2020/21-1	Wet	12/28/2020 11:55:00 AM	1/16/2021 2:31:00 AM	Metribuzin	n/a	<	0.6	µg/L	EPA 525.2	0.6	2	WKL	
MO-OJA	2020/21-1	Wet	12/28/2020 11:55:00 AM	1/20/2021 2:08:00 AM	Mevinphos	n/a	<	0.21	µg/L	EPA 625.1m	0.21	0.5	WKL	
MO-OJA	2020/21-1	Wet	12/28/2020 11:55:00 AM	1/16/2021 2:31:00 AM	Molinate	n/a	<	0.6	µg/L	EPA 525.2	0.6	2	WKL	
MO-OJA	2020/21-1	Wet	12/28/2020 11:55:00 AM	1/20/2021 2:08:00 AM	Naled	n/a	<	0.38	µg/L	EPA 625.1m	0.38	0.5	WKL	
MO-OJA	2020/21-1	Wet	12/28/2020 11:55:00 AM	2/2/2021 1:39:00 AM	Pentachlorophenol	n/a	<	3	µg/L	EPA 8270C	3	20	WKL	
MO-OJA	2020/21-1	Wet	12/28/2020 11:55:00 AM	2/2/2021 9:28:00 PM	Pentachlorophenol	n/a	<	8	µg/L	EPA 625.1	8	20	WKL	
MO-OJA	2020/21-1	Wet	12/28/2020 11:55:00 AM	1/8/2021 4:42:00 AM	Pentachlorophenol	n/a	=	0.52	µg/L	EPA 515.4	0.046	0.2	WKL	
MO-OJA	2020/21-1	Wet	12/28/2020 11:55:00 AM	1/20/2021 2:08:00 AM	Phorate	n/a	<	0.15	µg/L	EPA 625.1m	0.15	0.5	WKL	
MO-OJA	2020/21-1	Wet	12/28/2020 11:55:00 AM	1/10/2021 5:52:00 AM	Picloram	n/a	<	0.38	µg/L	EPA 515.4	0.38	6	WKL	
MO-OJA	2020/21-1	Wet	12/28/2020 11:55:00 AM	1/16/2021 2:31:00 AM	Prometon	n/a	<	0.2	µg/L	EPA 525.2	0.2	2	WKL	EST-LCSRPD
MO-OJA	2020/21-1	Wet	12/28/2020 11:55:00 AM	1/16/2021 2:31:00 AM	Prometryn	n/a	<	0.6	µg/L	EPA 525.2	0.6	2	WKL	EST-LCSRPD
MO-OJA	2020/21-1	Wet	12/28/2020 11:55:00 AM	1/20/2021 2:08:00 AM	Ronnel (Fenchlorphos)	n/a	<	0.2	µg/L	EPA 625.1m	0.2	0.5	WKL	
MO-OJA	2020/21-1	Wet	12/28/2020 11:55:00 AM	1/16/2021 2:31:00 AM	Simazine	n/a	<	0.4	µg/L	EPA 525.2	0.4	2	WKL	
MO-OJA	2020/21-1	Wet	12/28/2020 11:55:00 AM	1/20/2021 2:08:00 AM	Stirophos (Tetrachlorvinphos)	n/a	<	0.16	µg/L	EPA 625.1m	0.16	0.5	WKL	
MO-OJA	2020/21-1	Wet	12/28/2020 11:55:00 AM	1/16/2021 2:31:00 AM	Terbacil	n/a	<	1.8	µg/L	EPA 525.2	1.8	40	WKL	
MO-OJA	2020/21-1	Wet	12/28/2020 11:55:00 AM	1/16/2021 2:31:00 AM	Thiobencarb	n/a	<	0.6	µg/L	EPA 525.2	0.6	2	WKL	
MO-OJA	2020/21-1	Wet	12/28/2020 11:55:00 AM	1/20/2021 2:08:00 AM	Tokuthion	n/a	<	0.39	µg/L	EPA 625.1m	0.39	0.5	WKL	
MO-OJA	2020/21-1	Wet	12/28/2020 11:55:00 AM	1/14/2021 1:25:00 AM	Toxaphene	n/a	<	50	µg/L	EPA 608.3	50	50	WKL	
MO-OJA	2020/21-1	Wet	12/28/2020 11:55:00 AM	1/20/2021 2:08:00 AM	Trichloronate	n/a	<	0.34	µg/L	EPA 625.1m	0.34	0.5	WKL	
MO-OJA	2020/21-1	Wet	12/28/2020 11:55:00 AM	1/16/2021 2:31:00 AM	Trithion	n/a	<	0.4	µg/L	EPA 525.2	0.4	2	WKL	
MO-OJA	2020/21-2	Wet	1/28/2021 5:40:00 PM	1/28/2021 5:40:00 PM	Conductivity	n/a	=	47.3	µmhos/cm	Field Meter	-88	1	Field Crew	
MO-OJA	2020/21-2	Wet	1/28/2021 5:40:00 PM	2/9/2021 3:59:00 PM	Cyanide	Total	DNQ	0.0008	mg/L	ASTM D7511	0.0003	0.002	WKL	
MO-OJA	2020/21-2	Wet	1/28/2021 5:40:00 PM	1/28/2021 5:40:00 PM	DO	n/a	=	93.3	%	Field Meter	-88	0.1	Field Crew	
MO-OJA	2020/21-2	Wet	1/28/2021 5:40:00 PM	1/28/2021 5:40:00 PM	DO	n/a	=	10.33	mg/L	Field Meter	-88	0.3	Field Crew	
MO-OJA	2020/21-2	Wet	1/28/2021 5:40:00 PM	1/28/2021 5:40:00 PM	pH	n/a	*	6.97	pH Units	Field Meter	-88	0.01	Field Crew	EST
MO-OJA	2020/21-2	Wet	1/28/2021 5:40:00 PM	1/28/2021 5:40:00 PM	Salinity	n/a	<	100	mg/L	Field Meter	-88	100	Field Crew	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-OJA	2020/21-2	Wet	1/28/2021 5:40:00 PM	1/28/2021 5:40:00 PM	Specific Conductance	n/a	=	66.4	µmhos/cm	Field Meter	-88	1	Field Crew	
MO-OJA	2020/21-2	Wet	1/28/2021 5:40:00 PM	1/28/2021 5:40:00 PM	Temperature	n/a	=	10.7	°C	Field Meter	-88	0.1	Field Crew	
MO-OJA	2020/21-2	Wet	1/28/2021 5:40:00 PM	2/1/2021 7:49:00 AM	Gasoline Range Organics	n/a	<	0.065	mg/L	LUFT GC/MS	0.065	0.1	WKL	
MO-OJA	2020/21-2	Wet	1/28/2021 5:40:00 PM	2/16/2021 4:34:00 PM	Oil and Grease	n/a	DNQ	1.8	mg/L	EPA 1664B	0.7	5	WKL	
MO-OJA	2020/21-2	Wet	1/28/2021 5:40:00 PM	1/31/2021 2:01:00 PM	2-Chloroethyl vinyl ether	n/a	<	0.19	µg/L	EPA 624.1	0.19	1	WKL	
MO-OJA	2020/21-2	Wet	1/28/2021 5:40:00 PM	1/31/2021 2:01:00 PM	Methyl tert-butyl ether (MTBE)	n/a	<	0.4	µg/L	EPA 624.1	0.4	1	WKL	
MO-OJA	2020/21-2	Wet	1/29/2021 8:30:00 AM	2/3/2021 1:48:00 AM	Chloride	n/a	=	4.2	mg/L	EPA 300.0	0.17	1	WKL	
MO-OJA	2020/21-2	Wet	1/29/2021 8:30:00 AM	2/3/2021 1:48:00 AM	Fluoride	n/a	DNQ	0.06	mg/L	EPA 300.0	0.018	0.2	WKL	
MO-OJA	2020/21-2	Wet	1/29/2021 8:30:00 AM	2/3/2021 6:05:00 AM	Perchlorate	n/a	<	0.84	µg/L	EPA 314.0	0.84	2	WKL	
MO-OJA	2020/21-2	Wet	1/29/2021 8:30:00 AM	2/5/2021 3:43:00 PM	Calcium	Total	=	8.77	mg/L	EPA 200.7	0.016	0.1	WKL	
MO-OJA	2020/21-2	Wet	1/29/2021 8:30:00 AM	2/5/2021 3:43:00 PM	Magnesium	Total	=	2.87	mg/L	EPA 200.7	0.012	0.1	WKL	
MO-OJA	2020/21-2	Wet	1/29/2021 8:30:00 AM	2/4/2021 11:37:00 AM	Alkalinity as CaCO3	n/a	=	22	mg/L	SM 2320 B	0.56	5	WKL	
MO-OJA	2020/21-2	Wet	1/29/2021 8:30:00 AM	2/4/2021 5:12:00 PM	BOD	n/a	=	8.7	mg/L	SM 5210 B	2	2	WKL	
MO-OJA	2020/21-2	Wet	1/29/2021 8:30:00 AM	2/8/2021 12:21:00 PM	COD	n/a	=	58	mg/L	EPA 410.4	2.9	5	WKL	
MO-OJA	2020/21-2	Wet	1/29/2021 8:30:00 AM	2/5/2021 3:43:00 PM	Hardness as CaCO3	Total	=	33.7	mg/L	EPA 200.7	0.0894	0.662	WKL	
MO-OJA	2020/21-2	Wet	1/29/2021 8:30:00 AM	1/30/2021 5:49:00 PM	MBAS	n/a	DNQ	0.048	mg/L	SM 5540 C	0.017	0.05	WKL	
MO-OJA	2020/21-2	Wet	1/29/2021 8:30:00 AM	2/5/2021 1:15:00 PM	Phenolics	n/a	DNQ	0.0055	mg/L	EPA 420.4	0.0032	0.01	WKL	
MO-OJA	2020/21-2	Wet	1/29/2021 8:30:00 AM	2/3/2021 1:27:00 PM	Specific Conductance	n/a	=	76	µmhos/cm	SM 2510 B	0.23	2	WKL	
MO-OJA	2020/21-2	Wet	1/29/2021 8:30:00 AM	2/5/2021 8:00:00 AM	Total Dissolved Solids	n/a	=	69	mg/L	SM 2540 C	4	10	WKL	
MO-OJA	2020/21-2	Wet	1/29/2021 8:30:00 AM	2/5/2021 12:35:00 PM	Total Organic Carbon	n/a	=	10	mg/L	SM 5310 B	0.096	0.3	WKL	
MO-OJA	2020/21-2	Wet	1/29/2021 8:30:00 AM	2/5/2021 8:00:00 AM	Total Suspended Solids	n/a	=	180	mg/L	SM 2540 D	-88	5	WKL	
MO-OJA	2020/21-2	Wet	1/29/2021 8:30:00 AM	1/29/2021 8:30:00 PM	Turbidity	n/a	=	75	NTU	EPA 180.1	0.085	0.5	WKL	
MO-OJA	2020/21-2	Wet	1/29/2021 8:30:00 AM	2/5/2021 8:00:00 AM	Volatile Suspended Solids	n/a	=	30	mg/L	EPA 160.4	3.1	5	WKL	
MO-OJA	2020/21-2	Wet	1/29/2021 8:30:00 AM	2/11/2021 8:44:00 PM	Diesel Range Organics	n/a	DNQ	0.66	mg/L	EPA 8015B	0.32	1	WKL	
MO-OJA	2020/21-2	Wet	1/29/2021 8:30:00 AM	2/11/2021 8:44:00 PM	Oil Range Organics	n/a	<	3.3	mg/L	EPA 8015B	3.3	5	WKL	
MO-OJA	2020/21-2	Wet	1/29/2021 8:30:00 AM	2/10/2021 5:40:00 PM	Aluminum	Dissolved	=	46	µg/L	EPA 200.8	4.4	20	WKL	
MO-OJA	2020/21-2	Wet	1/29/2021 8:30:00 AM	2/10/2021 5:42:00 PM	Aluminum	Total	=	4600	µg/L	EPA 200.8	4.4	20	WKL	HB-MSR
MO-OJA	2020/21-2	Wet	1/29/2021 8:30:00 AM	2/10/2021 5:40:00 PM	Antimony	Dissolved	DNQ	0.16	µg/L	EPA 200.8	0.089	0.5	WKL	
MO-OJA	2020/21-2	Wet	1/29/2021 8:30:00 AM	2/10/2021 5:42:00 PM	Antimony	Total	DNQ	0.35	µg/L	EPA 200.8	0.089	0.5	WKL	
MO-OJA	2020/21-2	Wet	1/29/2021 8:30:00 AM	2/10/2021 5:40:00 PM	Arsenic	Dissolved	=	0.66	µg/L	EPA 200.8	0.074	0.4	WKL	
MO-OJA	2020/21-2	Wet	1/29/2021 8:30:00 AM	2/10/2021 5:42:00 PM	Arsenic	Total	=	2.1	µg/L	EPA 200.8	0.074	0.4	WKL	
MO-OJA	2020/21-2	Wet	1/29/2021 8:30:00 AM	2/10/2021 5:42:00 PM	Barium	Total	=	67	µg/L	EPA 200.8	0.14	1	WKL	
MO-OJA	2020/21-2	Wet	1/29/2021 8:30:00 AM	2/10/2021 5:40:00 PM	Beryllium	Dissolved	<	0.062	µg/L	EPA 200.8	0.062	0.1	WKL	
MO-OJA	2020/21-2	Wet	1/29/2021 8:30:00 AM	2/10/2021 5:42:00 PM	Beryllium	Total	=	0.18	µg/L	EPA 200.8	0.062	0.1	WKL	
MO-OJA	2020/21-2	Wet	1/29/2021 8:30:00 AM	2/10/2021 5:40:00 PM	Cadmium	Dissolved	<	0.042	µg/L	EPA 200.8	0.042	0.2	WKL	
MO-OJA	2020/21-2	Wet	1/29/2021 8:30:00 AM	2/10/2021 5:42:00 PM	Cadmium	Total	DNQ	0.15	µg/L	EPA 200.8	0.042	0.2	WKL	
MO-OJA	2020/21-2	Wet	1/29/2021 8:30:00 AM	2/10/2021 5:40:00 PM	Chromium	Dissolved	=	0.32	µg/L	EPA 200.8	0.089	0.2	WKL	
MO-OJA	2020/21-2	Wet	1/29/2021 8:30:00 AM	2/10/2021 5:42:00 PM	Chromium	Total	=	6.4	µg/L	EPA 200.8	0.089	0.2	WKL	
MO-OJA	2020/21-2	Wet	1/29/2021 8:30:00 AM	2/3/2021 1:56:00 PM	Chromium VI	n/a	=	0.18	µg/L	EPA 218.6	0.0079	0.02	WKL	
MO-OJA	2020/21-2	Wet	1/29/2021 8:30:00 AM	2/10/2021 5:40:00 PM	Copper	Dissolved	=	3.6	µg/L	EPA 200.8	0.23	0.5	WKL	
MO-OJA	2020/21-2	Wet	1/29/2021 8:30:00 AM	2/10/2021 5:42:00 PM	Copper	Total	=	20	µg/L	EPA 200.8	0.23	0.5	WKL	
MO-OJA	2020/21-2	Wet	1/29/2021 8:30:00 AM	2/10/2021 5:40:00 PM	Iron	Dissolved	=	54	µg/L	EPA 200.8	3.9	20	WKL	
MO-OJA	2020/21-2	Wet	1/29/2021 8:30:00 AM	2/10/2021 5:42:00 PM	Iron	Total	=	5400	µg/L	EPA 200.8	3.9	20	WKL	
MO-OJA	2020/21-2	Wet	1/29/2021 8:30:00 AM	2/10/2021 5:40:00 PM	Lead	Dissolved	=	0.21	µg/L	EPA 200.8	0.083	0.2	WKL	
MO-OJA	2020/21-2	Wet	1/29/2021 8:30:00 AM	2/10/2021 5:42:00 PM	Lead	Total	=	7.2	µg/L	EPA 200.8	0.083	0.2	WKL	
MO-OJA	2020/21-2	Wet	1/29/2021 8:30:00 AM	2/8/2021 1:23:00 PM	Mercury	Dissolved	<	17	ng/L	EPA 245.1	17	50	WKL	
MO-OJA	2020/21-2	Wet	1/29/2021 8:30:00 AM	2/8/2021 1:25:00 PM	Mercury	Total	DNQ	27	ng/L	EPA 245.1	17	50	WKL	
MO-OJA	2020/21-2	Wet	1/29/2021 8:30:00 AM	2/10/2021 5:40:00 PM	Nickel	Dissolved	DNQ	0.81	µg/L	EPA 200.8	0.16	2	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-OJA	2020/21-2	Wet	1/29/2021 8:30:00 AM	2/10/2021 5:42:00 PM	Nickel	Total	=	7.9	µg/L	EPA 200.8	0.16	2	WKL	
MO-OJA	2020/21-2	Wet	1/29/2021 8:30:00 AM	2/10/2021 5:40:00 PM	Selenium	Dissolved	DNQ	0.068	µg/L	EPA 200.8	0.067	0.4	WKL	
MO-OJA	2020/21-2	Wet	1/29/2021 8:30:00 AM	2/10/2021 5:42:00 PM	Selenium	Total	DNQ	0.15	µg/L	EPA 200.8	0.067	0.4	WKL	
MO-OJA	2020/21-2	Wet	1/29/2021 8:30:00 AM	2/10/2021 5:40:00 PM	Silver	Dissolved	DNQ	0.13	µg/L	EPA 200.8	0.03	0.2	WKL	
MO-OJA	2020/21-2	Wet	1/29/2021 8:30:00 AM	2/10/2021 5:42:00 PM	Silver	Total	DNQ	0.067	µg/L	EPA 200.8	0.03	0.2	WKL	
MO-OJA	2020/21-2	Wet	1/29/2021 8:30:00 AM	2/10/2021 4:49:00 PM	Thallium	Dissolved	<	0.021	µg/L	EPA 200.8	0.021	0.2	WKL	
MO-OJA	2020/21-2	Wet	1/29/2021 8:30:00 AM	2/10/2021 5:42:00 PM	Thallium	Total	DNQ	0.055	µg/L	EPA 200.8	0.021	0.2	WKL	
MO-OJA	2020/21-2	Wet	1/29/2021 8:30:00 AM	2/10/2021 5:40:00 PM	Zinc	Dissolved	DNQ	7.6	µg/L	EPA 200.8	0.8	10	WKL	
MO-OJA	2020/21-2	Wet	1/29/2021 8:30:00 AM	2/10/2021 5:42:00 PM	Zinc	Total	=	75	µg/L	EPA 200.8	0.8	10	WKL	
MO-OJA	2020/21-2	Wet	1/29/2021 8:30:00 AM	2/12/2021 1:16:00 PM	Ammonia as N	n/a	=	0.14	mg/L	EPA 350.1	0.047	0.1	WKL	
MO-OJA	2020/21-2	Wet	1/29/2021 8:30:00 AM	1/30/2021 3:23:00 PM	Nitrate + Nitrite as N	n/a	=	0.41	mg/L	EPA 353.2	0.036	0.2	WKL	
MO-OJA	2020/21-2	Wet	1/29/2021 8:30:00 AM	2/5/2021 3:40:00 PM	Phosphorus as P	Dissolved	=	0.2	mg/L	EPA 200.7	0.012	0.02	WKL	
MO-OJA	2020/21-2	Wet	1/29/2021 8:30:00 AM	2/5/2021 3:43:00 PM	Phosphorus as P	Total	=	0.44	mg/L	EPA 200.7	0.012	0.02	WKL	
MO-OJA	2020/21-2	Wet	1/29/2021 8:30:00 AM	2/4/2021 4:49:00 PM	TKN	n/a	=	0.82	mg/L	EPA 351.2	0.13	0.2	WKL	
MO-OJA	2020/21-2	Wet	1/29/2021 8:30:00 AM	2/9/2021 7:58:00 PM	1,2,4-Trichlorobenzene	n/a	<	4.9	µg/L	EPA 625.1	4.9	10	WKL	
MO-OJA	2020/21-2	Wet	1/29/2021 8:30:00 AM	2/9/2021 7:58:00 PM	1,2-Dichlorobenzene	n/a	<	4.6	µg/L	EPA 625.1	4.6	10	WKL	
MO-OJA	2020/21-2	Wet	1/29/2021 8:30:00 AM	2/9/2021 7:58:00 PM	1,2-Diphenylhydrazine	n/a	<	3	µg/L	EPA 625.1	3	10	WKL	
MO-OJA	2020/21-2	Wet	1/29/2021 8:30:00 AM	2/9/2021 7:58:00 PM	1,3-Dichlorobenzene	n/a	<	4.2	µg/L	EPA 625.1	4.2	10	WKL	
MO-OJA	2020/21-2	Wet	1/29/2021 8:30:00 AM	2/9/2021 7:58:00 PM	1,4-Dichlorobenzene	n/a	<	4.8	µg/L	EPA 625.1	4.8	10	WKL	
MO-OJA	2020/21-2	Wet	1/29/2021 8:30:00 AM	2/27/2021 12:21:00 PM	1-Methylnaphthalene	n/a	<	0.24	µg/L	EPA 8270C	0.24	1	WKL	
MO-OJA	2020/21-2	Wet	1/29/2021 8:30:00 AM	3/5/2021 3:34:00 AM	2,4,5-Trichlorophenol	n/a	<	2.9	µg/L	EPA 8270C	2.9	10	WKL	
MO-OJA	2020/21-2	Wet	1/29/2021 8:30:00 AM	2/9/2021 7:58:00 PM	2,4,6-Trichlorophenol	n/a	<	2.2	µg/L	EPA 625.1	2.2	10	WKL	
MO-OJA	2020/21-2	Wet	1/29/2021 8:30:00 AM	3/5/2021 3:34:00 AM	2,4,6-Trichlorophenol	n/a	<	3	µg/L	EPA 8270C	3	10	WKL	
MO-OJA	2020/21-2	Wet	1/29/2021 8:30:00 AM	2/9/2021 7:58:00 PM	2,4-Dichlorophenol	n/a	<	2.6	µg/L	EPA 625.1	2.6	10	WKL	
MO-OJA	2020/21-2	Wet	1/29/2021 8:30:00 AM	3/5/2021 3:34:00 AM	2,4-Dichlorophenol	n/a	<	5.1	µg/L	EPA 8270C	5.1	10	WKL	
MO-OJA	2020/21-2	Wet	1/29/2021 8:30:00 AM	2/9/2021 7:58:00 PM	2,4-Dimethylphenol	n/a	<	3	µg/L	EPA 625.1	3	10	WKL	
MO-OJA	2020/21-2	Wet	1/29/2021 8:30:00 AM	3/5/2021 3:34:00 AM	2,4-Dimethylphenol	n/a	<	10	µg/L	EPA 8270C	10	20	WKL	
MO-OJA	2020/21-2	Wet	1/29/2021 8:30:00 AM	2/9/2021 7:58:00 PM	2,4-Dinitrophenol	n/a	<	19	µg/L	EPA 625.1	19	100	WKL	
MO-OJA	2020/21-2	Wet	1/29/2021 8:30:00 AM	3/5/2021 3:34:00 AM	2,4-Dinitrophenol	n/a	<	10	µg/L	EPA 8270C	10	20	WKL	
MO-OJA	2020/21-2	Wet	1/29/2021 8:30:00 AM	2/9/2021 7:58:00 PM	2,4-Dinitrotoluene	n/a	<	1.8	µg/L	EPA 625.1	1.8	10	WKL	
MO-OJA	2020/21-2	Wet	1/29/2021 8:30:00 AM	2/9/2021 7:58:00 PM	2,6-Dinitrotoluene	n/a	<	2.7	µg/L	EPA 625.1	2.7	10	WKL	
MO-OJA	2020/21-2	Wet	1/29/2021 8:30:00 AM	2/9/2021 7:58:00 PM	2-Chloronaphthalene	n/a	<	4.5	µg/L	EPA 625.1	4.5	10	WKL	
MO-OJA	2020/21-2	Wet	1/29/2021 8:30:00 AM	3/5/2021 3:34:00 AM	2-Chlorophenol	n/a	<	6.5	µg/L	EPA 8270C	6.5	10	WKL	
MO-OJA	2020/21-2	Wet	1/29/2021 8:30:00 AM	2/9/2021 7:58:00 PM	2-Chlorophenol	n/a	<	2.8	µg/L	EPA 625.1	2.8	10	WKL	
MO-OJA	2020/21-2	Wet	1/29/2021 8:30:00 AM	2/27/2021 12:21:00 PM	2-Methylnaphthalene	n/a	<	0.26	µg/L	EPA 8270C	0.26	1	WKL	
MO-OJA	2020/21-2	Wet	1/29/2021 8:30:00 AM	3/5/2021 3:34:00 AM	2-Methylphenol	n/a	<	3.4	µg/L	EPA 8270C	3.4	10	WKL	
MO-OJA	2020/21-2	Wet	1/29/2021 8:30:00 AM	2/9/2021 7:58:00 PM	2-Nitrophenol	n/a	<	2.6	µg/L	EPA 625.1	2.6	10	WKL	
MO-OJA	2020/21-2	Wet	1/29/2021 8:30:00 AM	3/5/2021 3:34:00 AM	2-Nitrophenol	n/a	<	7.1	µg/L	EPA 8270C	7.1	10	WKL	
MO-OJA	2020/21-2	Wet	1/29/2021 8:30:00 AM	2/9/2021 7:58:00 PM	3,3'-Dichlorobenzidine	n/a	<	9.9	µg/L	EPA 625.1	9.9	50	WKL	
MO-OJA	2020/21-2	Wet	1/29/2021 8:30:00 AM	3/5/2021 3:34:00 AM	3-/4-Methylphenol	n/a	<	3	µg/L	EPA 8270C	3	10	WKL	
MO-OJA	2020/21-2	Wet	1/29/2021 8:30:00 AM	2/9/2021 7:58:00 PM	4,6-Dinitro-2-methylphenol	n/a	<	14	µg/L	EPA 625.1	14	50	WKL	
MO-OJA	2020/21-2	Wet	1/29/2021 8:30:00 AM	3/5/2021 3:34:00 AM	4,6-Dinitro-2-methylphenol	n/a	<	1.4	µg/L	EPA 8270C	1.4	10	WKL	
MO-OJA	2020/21-2	Wet	1/29/2021 8:30:00 AM	2/9/2021 7:58:00 PM	4-Bromophenyl phenyl ether	n/a	<	3.6	µg/L	EPA 625.1	3.6	10	WKL	
MO-OJA	2020/21-2	Wet	1/29/2021 8:30:00 AM	2/9/2021 7:58:00 PM	4-Chloro-3-methylphenol	n/a	<	2.3	µg/L	EPA 625.1	2.3	10	WKL	
MO-OJA	2020/21-2	Wet	1/29/2021 8:30:00 AM	3/5/2021 3:34:00 AM	4-Chloro-3-methylphenol	n/a	<	3.7	µg/L	EPA 8270C	3.7	10	WKL	
MO-OJA	2020/21-2	Wet	1/29/2021 8:30:00 AM	2/9/2021 7:58:00 PM	4-Chlorophenyl phenyl ether	n/a	<	4.1	µg/L	EPA 625.1	4.1	10	WKL	
MO-OJA	2020/21-2	Wet	1/29/2021 8:30:00 AM	3/5/2021 3:34:00 AM	4-Nitrophenol	n/a	<	10	µg/L	EPA 8270C	10	20	WKL	
MO-OJA	2020/21-2	Wet	1/29/2021 8:30:00 AM	2/9/2021 7:58:00 PM	4-Nitrophenol	n/a	<	12	µg/L	EPA 625.1	12	50	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-OJA	2020/21-2	Wet	1/29/2021 8:30:00 AM	2/9/2021 7:58:00 PM	Acenaphthene	n/a	<	3.8	µg/L	EPA 625.1	3.8	10	WKL	
MO-OJA	2020/21-2	Wet	1/29/2021 8:30:00 AM	2/27/2021 12:21:00 PM	Acenaphthene	n/a	<	0.28	µg/L	EPA 8270C	0.28	1	WKL	
MO-OJA	2020/21-2	Wet	1/29/2021 8:30:00 AM	2/27/2021 12:21:00 PM	Acenaphthylene	n/a	<	0.33	µg/L	EPA 8270C	0.33	1	WKL	
MO-OJA	2020/21-2	Wet	1/29/2021 8:30:00 AM	2/9/2021 7:58:00 PM	Acenaphthylene	n/a	<	1.7	µg/L	EPA 625.1	1.7	10	WKL	
MO-OJA	2020/21-2	Wet	1/29/2021 8:30:00 AM	2/27/2021 12:21:00 PM	Anthracene	n/a	<	0.25	µg/L	EPA 8270C	0.25	1	WKL	
MO-OJA	2020/21-2	Wet	1/29/2021 8:30:00 AM	2/9/2021 7:58:00 PM	Anthracene	n/a	<	1.2	µg/L	EPA 625.1	1.2	10	WKL	
MO-OJA	2020/21-2	Wet	1/29/2021 8:30:00 AM	2/27/2021 12:21:00 PM	Benz(a)anthracene	n/a	<	0.51	µg/L	EPA 8270C	0.51	1	WKL	
MO-OJA	2020/21-2	Wet	1/29/2021 8:30:00 AM	2/9/2021 7:58:00 PM	Benz(a)anthracene	n/a	<	1.9	µg/L	EPA 625.1	1.9	10	WKL	
MO-OJA	2020/21-2	Wet	1/29/2021 8:30:00 AM	2/9/2021 7:58:00 PM	Benzenidine	n/a	<	14	µg/L	EPA 625.1	14	100	WKL	
MO-OJA	2020/21-2	Wet	1/29/2021 8:30:00 AM	2/27/2021 12:21:00 PM	Benzo(a)pyrene	n/a	DNQ	0.84	µg/L	EPA 8270C	0.51	1	WKL	
MO-OJA	2020/21-2	Wet	1/29/2021 8:30:00 AM	2/9/2021 7:58:00 PM	Benzo(a)pyrene	n/a	<	3.9	µg/L	EPA 625.1	3.9	10	WKL	
MO-OJA	2020/21-2	Wet	1/29/2021 8:30:00 AM	2/12/2021 6:51:00 AM	Benzo(a)pyrene	n/a	<	0.2	µg/L	EPA 525.2	0.2	1	WKL	
MO-OJA	2020/21-2	Wet	1/29/2021 8:30:00 AM	2/27/2021 12:21:00 PM	Benzo(b)fluoranthene	n/a	DNQ	0.77	µg/L	EPA 8270C	0.27	1	WKL	
MO-OJA	2020/21-2	Wet	1/29/2021 8:30:00 AM	2/9/2021 7:58:00 PM	Benzo(b)fluoranthene	n/a	<	4.6	µg/L	EPA 625.1	4.6	10	WKL	
MO-OJA	2020/21-2	Wet	1/29/2021 8:30:00 AM	2/9/2021 7:58:00 PM	Benzo(g,h,i)perylene	n/a	<	4.2	µg/L	EPA 625.1	4.2	20	WKL	
MO-OJA	2020/21-2	Wet	1/29/2021 8:30:00 AM	2/27/2021 12:21:00 PM	Benzo(g,h,i)perylene	n/a	<	0.5	µg/L	EPA 8270C	0.5	1	WKL	
MO-OJA	2020/21-2	Wet	1/29/2021 8:30:00 AM	2/9/2021 7:58:00 PM	Benzo(k)fluoranthene	n/a	<	2.2	µg/L	EPA 625.1	2.2	10	WKL	
MO-OJA	2020/21-2	Wet	1/29/2021 8:30:00 AM	2/27/2021 12:21:00 PM	Benzo(k)fluoranthene	n/a	<	0.26	µg/L	EPA 8270C	0.26	1	WKL	
MO-OJA	2020/21-2	Wet	1/29/2021 8:30:00 AM	2/9/2021 7:58:00 PM	Bis(2-chloroethoxy)methane	n/a	<	2.5	µg/L	EPA 625.1	2.5	10	WKL	
MO-OJA	2020/21-2	Wet	1/29/2021 8:30:00 AM	2/9/2021 7:58:00 PM	Bis(2-chloroethyl)ether	n/a	<	2.7	µg/L	EPA 625.1	2.7	10	WKL	
MO-OJA	2020/21-2	Wet	1/29/2021 8:30:00 AM	2/9/2021 7:58:00 PM	Bis(2-chloroisopropyl)ether	n/a	<	3.8	µg/L	EPA 625.1	3.8	10	WKL	
MO-OJA	2020/21-2	Wet	1/29/2021 8:30:00 AM	2/12/2021 6:51:00 AM	Bis(2-ethylhexyl)adipate	n/a	<	1.2	µg/L	EPA 525.2	1.2	50	WKL	
MO-OJA	2020/21-2	Wet	1/29/2021 8:30:00 AM	2/12/2021 6:51:00 AM	Bis(2-ethylhexyl)phthalate	n/a	<	4.1	µg/L	EPA 525.2	4.1	30	WKL	
MO-OJA	2020/21-2	Wet	1/29/2021 8:30:00 AM	2/9/2021 7:58:00 PM	Bis(2-ethylhexyl)phthalate	n/a	<	23	µg/L	EPA 625.1	23	50	WKL	
MO-OJA	2020/21-2	Wet	1/29/2021 8:30:00 AM	2/9/2021 7:58:00 PM	Butyl benzyl phthalate	n/a	<	1.8	µg/L	EPA 625.1	1.8	10	WKL	
MO-OJA	2020/21-2	Wet	1/29/2021 8:30:00 AM	2/27/2021 12:21:00 PM	Chrysene	n/a	<	0.32	µg/L	EPA 8270C	0.32	1	WKL	
MO-OJA	2020/21-2	Wet	1/29/2021 8:30:00 AM	2/9/2021 7:58:00 PM	Chrysene	n/a	<	1.9	µg/L	EPA 625.1	1.9	10	WKL	
MO-OJA	2020/21-2	Wet	1/29/2021 8:30:00 AM	2/27/2021 12:21:00 PM	Dibenz(a,h)anthracene	n/a	<	0.96	µg/L	EPA 8270C	0.96	1	WKL	
MO-OJA	2020/21-2	Wet	1/29/2021 8:30:00 AM	2/9/2021 7:58:00 PM	Dibenz(a,h)anthracene	n/a	<	5.3	µg/L	EPA 625.1	5.3	20	WKL	
MO-OJA	2020/21-2	Wet	1/29/2021 8:30:00 AM	2/9/2021 7:58:00 PM	Diethyl phthalate	n/a	<	1.5	µg/L	EPA 625.1	1.5	10	WKL	
MO-OJA	2020/21-2	Wet	1/29/2021 8:30:00 AM	2/9/2021 7:58:00 PM	Dimethyl phthalate	n/a	<	1.8	µg/L	EPA 625.1	1.8	10	WKL	
MO-OJA	2020/21-2	Wet	1/29/2021 8:30:00 AM	2/9/2021 7:58:00 PM	Di-n-butylphthalate	n/a	<	1	µg/L	EPA 625.1	1	10	WKL	
MO-OJA	2020/21-2	Wet	1/29/2021 8:30:00 AM	2/9/2021 7:58:00 PM	Di-n-octylphthalate	n/a	<	4.6	µg/L	EPA 625.1	4.6	10	WKL	
MO-OJA	2020/21-2	Wet	1/29/2021 8:30:00 AM	2/9/2021 7:58:00 PM	Fluoranthene	n/a	<	0.8	µg/L	EPA 625.1	0.8	10	WKL	
MO-OJA	2020/21-2	Wet	1/29/2021 8:30:00 AM	2/27/2021 12:21:00 PM	Fluoranthene	n/a	<	0.39	µg/L	EPA 8270C	0.39	1	WKL	
MO-OJA	2020/21-2	Wet	1/29/2021 8:30:00 AM	2/9/2021 7:58:00 PM	Fluorene	n/a	<	3.5	µg/L	EPA 625.1	3.5	10	WKL	
MO-OJA	2020/21-2	Wet	1/29/2021 8:30:00 AM	2/27/2021 12:21:00 PM	Fluorene	n/a	<	0.29	µg/L	EPA 8270C	0.29	1	WKL	
MO-OJA	2020/21-2	Wet	1/29/2021 8:30:00 AM	2/9/2021 7:58:00 PM	Hexachlorobenzene	n/a	<	4.9	µg/L	EPA 625.1	4.9	10	WKL	
MO-OJA	2020/21-2	Wet	1/29/2021 8:30:00 AM	2/9/2021 7:58:00 PM	Hexachlorobutadiene	n/a	<	4.7	µg/L	EPA 625.1	4.7	10	WKL	
MO-OJA	2020/21-2	Wet	1/29/2021 8:30:00 AM	2/9/2021 7:58:00 PM	Hexachlorocyclopentadiene	n/a	<	9.8	µg/L	EPA 625.1	9.8	50	WKL	
MO-OJA	2020/21-2	Wet	1/29/2021 8:30:00 AM	2/9/2021 7:58:00 PM	Hexachloroethane	n/a	<	5	µg/L	EPA 625.1	5	10	WKL	
MO-OJA	2020/21-2	Wet	1/29/2021 8:30:00 AM	2/9/2021 7:58:00 PM	Indeno(1,2,3-cd)pyrene	n/a	<	5.5	µg/L	EPA 625.1	5.5	20	WKL	
MO-OJA	2020/21-2	Wet	1/29/2021 8:30:00 AM	2/27/2021 12:21:00 PM	Indeno(1,2,3-cd)pyrene	n/a	<	0.65	µg/L	EPA 8270C	0.65	1	WKL	
MO-OJA	2020/21-2	Wet	1/29/2021 8:30:00 AM	2/9/2021 7:58:00 PM	Isophorone	n/a	<	2.1	µg/L	EPA 625.1	2.1	10	WKL	
MO-OJA	2020/21-2	Wet	1/29/2021 8:30:00 AM	2/27/2021 12:21:00 PM	Naphthalene	n/a	<	0.26	µg/L	EPA 8270C	0.26	1	WKL	
MO-OJA	2020/21-2	Wet	1/29/2021 8:30:00 AM	2/9/2021 7:58:00 PM	Naphthalene	n/a	<	4.9	µg/L	EPA 625.1	4.9	10	WKL	
MO-OJA	2020/21-2	Wet	1/29/2021 8:30:00 AM	2/9/2021 7:58:00 PM	Nitrobenzene	n/a	<	3.6	µg/L	EPA 625.1	3.6	10	WKL	
MO-OJA	2020/21-2	Wet	1/29/2021 8:30:00 AM	2/9/2021 7:58:00 PM	N-Nitrosodimethylamine	n/a	<	5	µg/L	EPA 625.1	5	10	WKL	

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Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-OJA	2020/21-2	Wet	1/29/2021 8:30:00 AM	2/9/2021 7:58:00 PM	N-Nitrosodi-N-propylamine	n/a	<	2.6	µg/L	EPA 625.1	2.6	10	WKL	
MO-OJA	2020/21-2	Wet	1/29/2021 8:30:00 AM	2/9/2021 7:58:00 PM	N-Nitrosodiphenylamine	n/a	<	1.9	µg/L	EPA 625.1	1.9	10	WKL	
MO-OJA	2020/21-2	Wet	1/29/2021 8:30:00 AM	2/9/2021 7:58:00 PM	Phenanthrene	n/a	<	3.2	µg/L	EPA 625.1	3.2	10	WKL	
MO-OJA	2020/21-2	Wet	1/29/2021 8:30:00 AM	2/27/2021 12:21:00 PM	Phenanthrene	n/a	<	0.29	µg/L	EPA 8270C	0.29	1	WKL	
MO-OJA	2020/21-2	Wet	1/29/2021 8:30:00 AM	2/9/2021 7:58:00 PM	Phenol	n/a	<	1.6	µg/L	EPA 625.1	1.6	10	WKL	
MO-OJA	2020/21-2	Wet	1/29/2021 8:30:00 AM	3/5/2021 3:34:00 AM	Phenol	n/a	<	3.5	µg/L	EPA 8270C	3.5	10	WKL	
MO-OJA	2020/21-2	Wet	1/29/2021 8:30:00 AM	2/9/2021 7:58:00 PM	Pyrene	n/a	<	2.5	µg/L	EPA 625.1	2.5	10	WKL	
MO-OJA	2020/21-2	Wet	1/29/2021 8:30:00 AM	2/27/2021 12:21:00 PM	Pyrene	n/a	<	0.4	µg/L	EPA 8270C	0.4	1	WKL	
MO-OJA	2020/21-2	Wet	1/29/2021 8:30:00 AM	2/16/2021 9:53:00 PM	PCB Aroclor 1016	n/a	<	10	µg/L	EPA 608.3	10	10	WKL	
MO-OJA	2020/21-2	Wet	1/29/2021 8:30:00 AM	2/16/2021 9:53:00 PM	PCB Aroclor 1221	n/a	<	10	µg/L	EPA 608.3	10	10	WKL	
MO-OJA	2020/21-2	Wet	1/29/2021 8:30:00 AM	2/16/2021 9:53:00 PM	PCB Aroclor 1232	n/a	<	10	µg/L	EPA 608.3	10	10	WKL	
MO-OJA	2020/21-2	Wet	1/29/2021 8:30:00 AM	2/16/2021 9:53:00 PM	PCB Aroclor 1242	n/a	<	10	µg/L	EPA 608.3	10	10	WKL	
MO-OJA	2020/21-2	Wet	1/29/2021 8:30:00 AM	2/16/2021 9:53:00 PM	PCB Aroclor 1248	n/a	<	10	µg/L	EPA 608.3	10	10	WKL	
MO-OJA	2020/21-2	Wet	1/29/2021 8:30:00 AM	2/16/2021 9:53:00 PM	PCB Aroclor 1254	n/a	<	10	µg/L	EPA 608.3	10	10	WKL	
MO-OJA	2020/21-2	Wet	1/29/2021 8:30:00 AM	2/16/2021 9:53:00 PM	PCB Aroclor 1260	n/a	<	10	µg/L	EPA 608.3	10	10	WKL	
MO-OJA	2020/21-2	Wet	1/29/2021 8:30:00 AM	2/13/2021 2:42:00 AM	2,4,5-T	n/a	<	0.55	µg/L	EPA 515.4	0.55	2	WKL	
MO-OJA	2020/21-2	Wet	1/29/2021 8:30:00 AM	2/13/2021 2:42:00 AM	2,4,5-TP	n/a	<	0.46	µg/L	EPA 515.4	0.46	2	WKL	
MO-OJA	2020/21-2	Wet	1/29/2021 8:30:00 AM	2/13/2021 2:42:00 AM	2,4-D	n/a	<	1.4	µg/L	EPA 515.4	1.4	4	WKL	
MO-OJA	2020/21-2	Wet	1/29/2021 8:30:00 AM	2/13/2021 2:42:00 AM	2,4-DB	n/a	<	1.9	µg/L	EPA 515.4	1.9	20	WKL	
MO-OJA	2020/21-2	Wet	1/29/2021 8:30:00 AM	2/13/2021 2:42:00 AM	3,5-Dichlorobenzoic acid	n/a	<	1.2	µg/L	EPA 515.4	1.2	10	WKL	
MO-OJA	2020/21-2	Wet	1/29/2021 8:30:00 AM	2/16/2021 9:53:00 PM	4,4'-DDD	n/a	<	0.014	µg/L	EPA 608.3	0.014	1	WKL	
MO-OJA	2020/21-2	Wet	1/29/2021 8:30:00 AM	2/16/2021 9:53:00 PM	4,4'-DDE	n/a	<	0.014	µg/L	EPA 608.3	0.014	1	WKL	
MO-OJA	2020/21-2	Wet	1/29/2021 8:30:00 AM	2/16/2021 9:53:00 PM	4,4'-DDT	n/a	<	0.2	µg/L	EPA 608.3	0.2	0.2	WKL	
MO-OJA	2020/21-2	Wet	1/29/2021 8:30:00 AM	2/13/2021 2:42:00 AM	Acifluorfen	n/a	<	0.72	µg/L	EPA 515.4	0.72	4	WKL	
MO-OJA	2020/21-2	Wet	1/29/2021 8:30:00 AM	2/12/2021 6:51:00 AM	Alachlor	n/a	<	0.3	µg/L	EPA 525.2	0.3	1	WKL	
MO-OJA	2020/21-2	Wet	1/29/2021 8:30:00 AM	2/16/2021 9:53:00 PM	Aldrin	n/a	<	0.02	µg/L	EPA 608.3	0.02	0.1	WKL	
MO-OJA	2020/21-2	Wet	1/29/2021 8:30:00 AM	2/16/2021 9:53:00 PM	alpha-BHC	n/a	<	0.022	µg/L	EPA 608.3	0.022	0.2	WKL	
MO-OJA	2020/21-2	Wet	1/29/2021 8:30:00 AM	2/16/2021 9:53:00 PM	alpha-Chlordane	n/a	<	0.058	µg/L	EPA 608.3	0.058	0.2	WKL	
MO-OJA	2020/21-2	Wet	1/29/2021 8:30:00 AM	2/12/2021 6:51:00 AM	Atrazine	n/a	<	0.3	µg/L	EPA 525.2	0.3	1	WKL	
MO-OJA	2020/21-2	Wet	1/29/2021 8:30:00 AM	2/3/2021 7:16:00 PM	Azinphos methyl	n/a	<	0.055	µg/L	EPA 625.1m	0.055	0.1	WKL	
MO-OJA	2020/21-2	Wet	1/29/2021 8:30:00 AM	2/13/2021 2:42:00 AM	Bentazon	n/a	<	2.3	µg/L	EPA 515.4	2.3	20	WKL	
MO-OJA	2020/21-2	Wet	1/29/2021 8:30:00 AM	2/16/2021 9:53:00 PM	beta-BHC	n/a	<	0.03	µg/L	EPA 608.3	0.03	0.1	WKL	
MO-OJA	2020/21-2	Wet	1/29/2021 8:30:00 AM	2/3/2021 7:16:00 PM	Bolstar	n/a	<	0.046	µg/L	EPA 625.1m	0.046	0.1	WKL	
MO-OJA	2020/21-2	Wet	1/29/2021 8:30:00 AM	2/12/2021 6:51:00 AM	Bromacil	n/a	DNQ	2.2	µg/L	EPA 525.2	1.6	5	WKL	
MO-OJA	2020/21-2	Wet	1/29/2021 8:30:00 AM	2/12/2021 6:51:00 AM	Butachlor	n/a	<	0.3	µg/L	EPA 525.2	0.3	1	WKL	
MO-OJA	2020/21-2	Wet	1/29/2021 8:30:00 AM	2/12/2021 6:51:00 AM	Captan	n/a	<	1.6	µg/L	EPA 525.2	1.6	10	WKL	
MO-OJA	2020/21-2	Wet	1/29/2021 8:30:00 AM	2/16/2021 9:53:00 PM	Chlordane (technical)	n/a	<	2	µg/L	EPA 608.3	2	2	WKL	
MO-OJA	2020/21-2	Wet	1/29/2021 8:30:00 AM	2/12/2021 6:51:00 AM	Chlorpropham	n/a	<	0.4	µg/L	EPA 525.2	0.4	1	WKL	
MO-OJA	2020/21-2	Wet	1/29/2021 8:30:00 AM	2/3/2021 7:16:00 PM	Chlorpyrifos	n/a	<	0.069	µg/L	EPA 625.1m	0.069	0.1	WKL	
MO-OJA	2020/21-2	Wet	1/29/2021 8:30:00 AM	2/3/2021 7:16:00 PM	Coumaphos	n/a	<	0.051	µg/L	EPA 625.1m	0.051	0.1	WKL	
MO-OJA	2020/21-2	Wet	1/29/2021 8:30:00 AM	2/12/2021 6:51:00 AM	Cyanazine	n/a	<	0.4	µg/L	EPA 525.2	0.4	1	WKL	
MO-OJA	2020/21-2	Wet	1/29/2021 8:30:00 AM	2/13/2021 2:42:00 AM	Dalapon	n/a	<	1.1	µg/L	EPA 515.4	1.1	4	WKL	
MO-OJA	2020/21-2	Wet	1/29/2021 8:30:00 AM	2/13/2021 2:42:00 AM	DCPA (Dacthal)	n/a	<	0.53	µg/L	EPA 515.4	0.53	1	WKL	
MO-OJA	2020/21-2	Wet	1/29/2021 8:30:00 AM	2/16/2021 9:53:00 PM	delta-BHC	n/a	<	0.038	µg/L	EPA 608.3	0.038	0.1	WKL	
MO-OJA	2020/21-2	Wet	1/29/2021 8:30:00 AM	2/3/2021 7:16:00 PM	Demeton-O	n/a	<	0.1	µg/L	EPA 625.1m	0.1	0.1	WKL	
MO-OJA	2020/21-2	Wet	1/29/2021 8:30:00 AM	2/3/2021 7:16:00 PM	Demeton-S	n/a	<	0.1	µg/L	EPA 625.1m	0.1	0.1	WKL	
MO-OJA	2020/21-2	Wet	1/29/2021 8:30:00 AM	2/12/2021 6:51:00 AM	Diazinon	n/a	<	0.5	µg/L	EPA 525.2	0.5	1	WKL	
MO-OJA	2020/21-2	Wet	1/29/2021 8:30:00 AM	2/3/2021 7:16:00 PM	Diazinon	n/a	<	0.052	µg/L	EPA 625.1m	0.052	0.1	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-OJA	2020/21-2	Wet	1/29/2021 8:30:00 AM	2/13/2021 2:42:00 AM	Dicamba	n/a	<	0.75	µg/L	EPA 515.4	0.75	6	WKL	
MO-OJA	2020/21-2	Wet	1/29/2021 8:30:00 AM	2/13/2021 2:42:00 AM	Dichlorprop	n/a	<	1.2	µg/L	EPA 515.4	1.2	3	WKL	
MO-OJA	2020/21-2	Wet	1/29/2021 8:30:00 AM	2/3/2021 7:16:00 PM	Dichlorvos	n/a	<	0.029	µg/L	EPA 625.1m	0.029	0.1	WKL	
MO-OJA	2020/21-2	Wet	1/29/2021 8:30:00 AM	2/16/2021 9:53:00 PM	Dieldrin	n/a	<	0.016	µg/L	EPA 608.3	0.016	0.2	WKL	
MO-OJA	2020/21-2	Wet	1/29/2021 8:30:00 AM	2/3/2021 7:16:00 PM	Dimethoate	n/a	<	0.062	µg/L	EPA 625.1m	0.062	0.1	WKL	
MO-OJA	2020/21-2	Wet	1/29/2021 8:30:00 AM	2/12/2021 6:51:00 AM	Dimethoate	n/a	<	0.2	µg/L	EPA 525.2	0.2	2	WKL	
MO-OJA	2020/21-2	Wet	1/29/2021 8:30:00 AM	2/13/2021 2:42:00 AM	Dinoseb	n/a	<	0.55	µg/L	EPA 515.4	0.55	4	WKL	
MO-OJA	2020/21-2	Wet	1/29/2021 8:30:00 AM	2/12/2021 6:51:00 AM	Diphenamid	n/a	<	0.3	µg/L	EPA 525.2	0.3	1	WKL	
MO-OJA	2020/21-2	Wet	1/29/2021 8:30:00 AM	2/12/2021 6:51:00 AM	Disulfoton	n/a	<	0.4	µg/L	EPA 525.2	0.4	1	WKL	
MO-OJA	2020/21-2	Wet	1/29/2021 8:30:00 AM	2/3/2021 7:16:00 PM	Disulfoton	n/a	<	0.1	µg/L	EPA 625.1m	0.1	0.1	WKL	
MO-OJA	2020/21-2	Wet	1/29/2021 8:30:00 AM	2/16/2021 9:53:00 PM	Endosulfan I	n/a	<	0.018	µg/L	EPA 608.3	0.018	0.4	WKL	
MO-OJA	2020/21-2	Wet	1/29/2021 8:30:00 AM	2/16/2021 9:53:00 PM	Endosulfan II	n/a	<	0.014	µg/L	EPA 608.3	0.014	0.2	WKL	
MO-OJA	2020/21-2	Wet	1/29/2021 8:30:00 AM	2/16/2021 9:53:00 PM	Endosulfan sulfate	n/a	<	0.026	µg/L	EPA 608.3	0.026	1	WKL	
MO-OJA	2020/21-2	Wet	1/29/2021 8:30:00 AM	2/16/2021 9:53:00 PM	Endrin	n/a	<	0.034	µg/L	EPA 608.3	0.034	0.2	WKL	
MO-OJA	2020/21-2	Wet	1/29/2021 8:30:00 AM	2/16/2021 9:53:00 PM	Endrin aldehyde	n/a	<	0.038	µg/L	EPA 608.3	0.038	0.2	WKL	
MO-OJA	2020/21-2	Wet	1/29/2021 8:30:00 AM	2/12/2021 6:51:00 AM	EPTC	n/a	<	0.2	µg/L	EPA 525.2	0.2	1	WKL	
MO-OJA	2020/21-2	Wet	1/29/2021 8:30:00 AM	2/3/2021 7:16:00 PM	Ethoprop	n/a	<	0.067	µg/L	EPA 625.1m	0.067	0.1	WKL	
MO-OJA	2020/21-2	Wet	1/29/2021 8:30:00 AM	2/3/2021 7:16:00 PM	Ethyl parathion	n/a	<	0.054	µg/L	EPA 625.1m	0.054	0.1	WKL	
MO-OJA	2020/21-2	Wet	1/29/2021 8:30:00 AM	2/3/2021 7:16:00 PM	Fensulfothion	n/a	<	0.029	µg/L	EPA 625.1m	0.029	0.1	WKL	
MO-OJA	2020/21-2	Wet	1/29/2021 8:30:00 AM	2/3/2021 7:16:00 PM	Fenthion	n/a	<	0.038	µg/L	EPA 625.1m	0.038	0.1	WKL	
MO-OJA	2020/21-2	Wet	1/29/2021 8:30:00 AM	2/16/2021 9:53:00 PM	gamma-BHC (Lindane)	n/a	<	0.008	µg/L	EPA 608.3	0.008	0.4	WKL	
MO-OJA	2020/21-2	Wet	1/29/2021 8:30:00 AM	2/16/2021 9:53:00 PM	gamma-Chlordane	n/a	<	0.046	µg/L	EPA 608.3	0.046	0.2	WKL	
MO-OJA	2020/21-2	Wet	1/29/2021 8:30:00 AM	2/3/2021 4:22:00 PM	Glyphosate	n/a	<	9	µg/L	EPA 547	9	25	WKL	
MO-OJA	2020/21-2	Wet	1/29/2021 8:30:00 AM	2/16/2021 9:53:00 PM	Heptachlor	n/a	<	0.012	µg/L	EPA 608.3	0.012	0.2	WKL	
MO-OJA	2020/21-2	Wet	1/29/2021 8:30:00 AM	2/16/2021 9:53:00 PM	Heptachlor epoxide	n/a	<	0.008	µg/L	EPA 608.3	0.008	0.2	WKL	
MO-OJA	2020/21-2	Wet	1/29/2021 8:30:00 AM	2/3/2021 7:16:00 PM	Malathion	n/a	<	0.076	µg/L	EPA 625.1m	0.076	0.1	WKL	
MO-OJA	2020/21-2	Wet	1/29/2021 8:30:00 AM	2/3/2021 7:16:00 PM	Merphos	n/a	<	0.058	µg/L	EPA 625.1m	0.058	0.1	WKL	
MO-OJA	2020/21-2	Wet	1/29/2021 8:30:00 AM	2/16/2021 9:53:00 PM	Methoxychlor	n/a	<	0.028	µg/L	EPA 608.3	0.028	0.4	WKL	
MO-OJA	2020/21-2	Wet	1/29/2021 8:30:00 AM	2/3/2021 7:16:00 PM	Methyl parathion	n/a	<	0.063	µg/L	EPA 625.1m	0.063	0.1	WKL	
MO-OJA	2020/21-2	Wet	1/29/2021 8:30:00 AM	2/12/2021 6:51:00 AM	Metolachlor	n/a	<	0.3	µg/L	EPA 525.2	0.3	1	WKL	
MO-OJA	2020/21-2	Wet	1/29/2021 8:30:00 AM	2/12/2021 6:51:00 AM	Metribuzin	n/a	<	0.3	µg/L	EPA 525.2	0.3	1	WKL	
MO-OJA	2020/21-2	Wet	1/29/2021 8:30:00 AM	2/3/2021 7:16:00 PM	Mevinphos	n/a	<	0.042	µg/L	EPA 625.1m	0.042	0.1	WKL	
MO-OJA	2020/21-2	Wet	1/29/2021 8:30:00 AM	2/12/2021 6:51:00 AM	Molinate	n/a	<	0.3	µg/L	EPA 525.2	0.3	1	WKL	
MO-OJA	2020/21-2	Wet	1/29/2021 8:30:00 AM	2/3/2021 7:16:00 PM	Naled	n/a	<	0.076	µg/L	EPA 625.1m	0.076	0.1	WKL	
MO-OJA	2020/21-2	Wet	1/29/2021 8:30:00 AM	2/9/2021 7:58:00 PM	Pentachlorophenol	n/a	<	4	µg/L	EPA 625.1	4	10	WKL	
MO-OJA	2020/21-2	Wet	1/29/2021 8:30:00 AM	3/5/2021 3:34:00 AM	Pentachlorophenol	n/a	DNQ	1.8	µg/L	EPA 8270C	1.5	10	WKL	
MO-OJA	2020/21-2	Wet	1/29/2021 8:30:00 AM	2/13/2021 2:42:00 AM	Pentachlorophenol	n/a	<	0.46	µg/L	EPA 515.4	0.46	2	WKL	
MO-OJA	2020/21-2	Wet	1/29/2021 8:30:00 AM	2/3/2021 7:16:00 PM	Phorate	n/a	<	0.03	µg/L	EPA 625.1m	0.03	0.1	WKL	
MO-OJA	2020/21-2	Wet	1/29/2021 8:30:00 AM	2/13/2021 2:42:00 AM	Picloram	n/a	<	0.38	µg/L	EPA 515.4	0.38	6	WKL	
MO-OJA	2020/21-2	Wet	1/29/2021 8:30:00 AM	2/12/2021 6:51:00 AM	Prometon	n/a	<	0.1	µg/L	EPA 525.2	0.1	1	WKL	
MO-OJA	2020/21-2	Wet	1/29/2021 8:30:00 AM	2/12/2021 6:51:00 AM	Prometryn	n/a	<	0.3	µg/L	EPA 525.2	0.3	1	WKL	
MO-OJA	2020/21-2	Wet	1/29/2021 8:30:00 AM	2/3/2021 7:16:00 PM	Ronnel (Fenclorophos)	n/a	<	0.041	µg/L	EPA 625.1m	0.041	0.1	WKL	
MO-OJA	2020/21-2	Wet	1/29/2021 8:30:00 AM	2/12/2021 6:51:00 AM	Simazine	n/a	DNQ	0.68	µg/L	EPA 525.2	0.2	1	WKL	
MO-OJA	2020/21-2	Wet	1/29/2021 8:30:00 AM	2/3/2021 7:16:00 PM	Stirophos (Tetrachlorvinphos)	n/a	<	0.031	µg/L	EPA 625.1m	0.031	0.1	WKL	
MO-OJA	2020/21-2	Wet	1/29/2021 8:30:00 AM	2/12/2021 6:51:00 AM	Terbacil	n/a	<	0.9	µg/L	EPA 525.2	0.9	20	WKL	
MO-OJA	2020/21-2	Wet	1/29/2021 8:30:00 AM	2/12/2021 6:51:00 AM	Thiobencarb	n/a	<	0.3	µg/L	EPA 525.2	0.3	1	WKL	
MO-OJA	2020/21-2	Wet	1/29/2021 8:30:00 AM	2/3/2021 7:16:00 PM	Tokuthion	n/a	<	0.078	µg/L	EPA 625.1m	0.078	0.1	WKL	
MO-OJA	2020/21-2	Wet	1/29/2021 8:30:00 AM	2/16/2021 9:53:00 PM	Toxaphene	n/a	<	20	µg/L	EPA 608.3	20	20	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-OJA	2020/21-2	Wet	1/29/2021 8:30:00 AM	2/3/2021 7:16:00 PM	Trichloronate	n/a	<	0.067	µg/L	EPA 625.1m	0.067	0.1	WKL	
MO-OJA	2020/21-2	Wet	1/29/2021 8:30:00 AM	2/12/2021 6:51:00 AM	Trithion	n/a	<	0.2	µg/L	EPA 525.2	0.2	1	WKL	
MO-OJA	2020/21-3	Wet	3/10/2021 2:10:00 AM	3/10/2021 2:10:00 AM	Conductivity	n/a	=	142	µmhos/cm	Field Meter	-88	1	Field Crew	
MO-OJA	2020/21-3	Wet	3/10/2021 2:10:00 AM	3/15/2021 4:13:00 PM	Cyanide	Total	=	0.0025	mg/L	ASTM D7511	0.0003	0.002	WKL	
MO-OJA	2020/21-3	Wet	3/10/2021 2:10:00 AM	3/10/2021 2:10:00 AM	DO	n/a	=	92.6	%	Field Meter	-88	0.1	Field Crew	
MO-OJA	2020/21-3	Wet	3/10/2021 2:10:00 AM	3/10/2021 2:10:00 AM	DO	n/a	=	9.95	mg/L	Field Meter	-88	0.3	Field Crew	
MO-OJA	2020/21-3	Wet	3/10/2021 2:10:00 AM	3/10/2021 2:10:00 AM	pH	n/a	=	6.84	pH Units	Field Meter	-88	0.01	Field Crew	
MO-OJA	2020/21-3	Wet	3/10/2021 2:10:00 AM	3/10/2021 2:10:00 AM	Salinity	n/a	=	100	mg/L	Field Meter	-88	100	Field Crew	
MO-OJA	2020/21-3	Wet	3/10/2021 2:10:00 AM	3/10/2021 2:10:00 AM	Specific Conductance	n/a	=	193	µmhos/cm	Field Meter	-88	1	Field Crew	
MO-OJA	2020/21-3	Wet	3/10/2021 2:10:00 AM	3/10/2021 4:41:00 AM	Temperature	n/a	=	11.6	°C	Field Meter	-88	0.1	Field Crew	
MO-OJA	2020/21-3	Wet	3/10/2021 2:10:00 AM	3/24/2021 5:28:00 PM	Oil and Grease	n/a	<	0.7	mg/L	EPA 1664B	0.7	5	WKL	
MO-OJA	2020/21-3	Wet	3/10/2021 10:00:00 AM	3/12/2021 11:57:00 PM	Chloride	n/a	=	7.8	mg/L	EPA 300.0	0.17	1	WKL	
MO-OJA	2020/21-3	Wet	3/10/2021 10:00:00 AM	3/12/2021 11:57:00 PM	Fluoride	n/a	DNQ	0.052	mg/L	EPA 300.0	0.018	0.2	WKL	
MO-OJA	2020/21-3	Wet	3/10/2021 10:00:00 AM	3/20/2021 12:48:00 PM	Perchlorate	n/a	<	1.7	µg/L	EPA 314.0	1.7	4	WKL	
MO-OJA	2020/21-3	Wet	3/10/2021 10:00:00 AM	3/19/2021 6:28:00 PM	Calcium	Total	=	15.3	mg/L	EPA 200.7	0.16	0.5	WKL	
MO-OJA	2020/21-3	Wet	3/10/2021 10:00:00 AM	3/19/2021 6:28:00 PM	Magnesium	Total	=	4.4	mg/L	EPA 200.7	0.039	0.5	WKL	
MO-OJA	2020/21-3	Wet	3/10/2021 10:00:00 AM	3/11/2021 12:28:00 PM	Alkalinity as CaCO3	n/a	=	17	mg/L	SM 2320 B	0.56	5	WKL	
MO-OJA	2020/21-3	Wet	3/10/2021 10:00:00 AM	3/16/2021 4:41:00 AM	BOD	n/a	=	20	mg/L	SM 5210 B	2	2	WKL	
MO-OJA	2020/21-3	Wet	3/10/2021 10:00:00 AM	3/18/2021 11:57:00 AM	COD	n/a	=	120	mg/L	EPA 410.4	2.9	5	WKL	
MO-OJA	2020/21-3	Wet	3/10/2021 10:00:00 AM	3/19/2021 6:28:00 PM	Hardness as CaCO3	Total	=	56.4	mg/L	EPA 200.7	0.56	3.31	WKL	
MO-OJA	2020/21-3	Wet	3/10/2021 10:00:00 AM	3/11/2021 8:30:00 PM	MBAS	n/a	=	0.11	mg/L	SM 5540 C	0.017	0.05	WKL	
MO-OJA	2020/21-3	Wet	3/10/2021 10:00:00 AM	3/19/2021 1:50:00 PM	Phenolics	n/a	=	0.16	mg/L	EPA 420.4	0.0032	0.01	WKL	
MO-OJA	2020/21-3	Wet	3/10/2021 10:00:00 AM	3/15/2021 1:45:00 PM	Specific Conductance	n/a	=	110	µmhos/cm	SM 2510 B	0.23	2	WKL	
MO-OJA	2020/21-3	Wet	3/10/2021 10:00:00 AM	3/15/2021 6:00:00 PM	Total Dissolved Solids	n/a	=	90	mg/L	SM 2540 C	4	10	WKL	
MO-OJA	2020/21-3	Wet	3/10/2021 10:00:00 AM	4/5/2021	Total Organic Carbon	n/a	=	18	mg/L	SM 5310 B	1	1	WKL	
MO-OJA	2020/21-3	Wet	3/10/2021 10:00:00 AM	3/12/2021 4:29:00 PM	Total Suspended Solids	n/a	=	350	mg/L	SM 2540 D	-88	5	WKL	
MO-OJA	2020/21-3	Wet	3/10/2021 10:00:00 AM	3/11/2021 5:00:00 PM	Turbidity	n/a	=	18	NTU	EPA 180.1	0.017	0.1	WKL	
MO-OJA	2020/21-3	Wet	3/10/2021 10:00:00 AM	3/12/2021 4:29:00 PM	Volatile Suspended Solids	n/a	=	83	mg/L	EPA 160.4	3.1	5	WKL	
MO-OJA	2020/21-3	Wet	3/10/2021 10:00:00 AM	3/25/2021 10:23:00 PM	Diesel Range Organics	n/a	=	0.51	mg/L	EPA 8015B	0.032	0.1	WKL	
MO-OJA	2020/21-3	Wet	3/10/2021 10:00:00 AM	3/25/2021 10:23:00 PM	Oil Range Organics	n/a	=	0.72	mg/L	EPA 8015B	0.33	0.5	WKL	
MO-OJA	2020/21-3	Wet	3/10/2021 10:00:00 AM	3/17/2021 4:14:00 PM	Aluminum	Dissolved	=	49	µg/L	EPA 200.8	4.4	20	WKL	
MO-OJA	2020/21-3	Wet	3/10/2021 10:00:00 AM	3/17/2021 4:17:00 PM	Aluminum	Total	DNQ	6400	µg/L	EPA 200.8	4.4	20	WKL	
MO-OJA	2020/21-3	Wet	3/10/2021 10:00:00 AM	3/17/2021 4:14:00 PM	Antimony	Dissolved	DNQ	0.21	µg/L	EPA 200.8	0.089	0.5	WKL	
MO-OJA	2020/21-3	Wet	3/10/2021 10:00:00 AM	3/17/2021 4:17:00 PM	Antimony	Total	=	0.59	µg/L	EPA 200.8	0.089	0.5	WKL	
MO-OJA	2020/21-3	Wet	3/10/2021 10:00:00 AM	3/17/2021 4:14:00 PM	Arsenic	Dissolved	=	0.96	µg/L	EPA 200.8	0.074	0.4	WKL	
MO-OJA	2020/21-3	Wet	3/10/2021 10:00:00 AM	3/17/2021 4:17:00 PM	Arsenic	Total	=	2.7	µg/L	EPA 200.8	0.074	0.4	WKL	
MO-OJA	2020/21-3	Wet	3/10/2021 10:00:00 AM	3/17/2021 4:17:00 PM	Barium	Total	=	110	µg/L	EPA 200.8	0.14	1	WKL	
MO-OJA	2020/21-3	Wet	3/10/2021 10:00:00 AM	3/17/2021 4:14:00 PM	Beryllium	Dissolved	<	0.062	µg/L	EPA 200.8	0.062	0.1	WKL	
MO-OJA	2020/21-3	Wet	3/10/2021 10:00:00 AM	3/17/2021 4:17:00 PM	Beryllium	Total	=	0.24	µg/L	EPA 200.8	0.062	0.1	WKL	
MO-OJA	2020/21-3	Wet	3/10/2021 10:00:00 AM	3/17/2021 4:14:00 PM	Cadmium	Dissolved	<	0.042	µg/L	EPA 200.8	0.042	0.2	WKL	
MO-OJA	2020/21-3	Wet	3/10/2021 10:00:00 AM	3/17/2021 4:17:00 PM	Cadmium	Total	=	0.27	µg/L	EPA 200.8	0.042	0.2	WKL	
MO-OJA	2020/21-3	Wet	3/10/2021 10:00:00 AM	3/17/2021 4:14:00 PM	Chromium	Dissolved	=	0.4	µg/L	EPA 200.8	0.089	0.2	WKL	
MO-OJA	2020/21-3	Wet	3/10/2021 10:00:00 AM	3/17/2021 4:17:00 PM	Chromium	Total	=	12	µg/L	EPA 200.8	0.089	0.2	WKL	
MO-OJA	2020/21-3	Wet	3/10/2021 10:00:00 AM	3/22/2021 2:02:00 PM	Chromium VI	n/a	=	0.11	µg/L	EPA 218.6	0.0079	0.02	WKL	
MO-OJA	2020/21-3	Wet	3/10/2021 10:00:00 AM	3/17/2021 4:14:00 PM	Copper	Dissolved	=	6.1	µg/L	EPA 200.8	0.23	0.5	WKL	
MO-OJA	2020/21-3	Wet	3/10/2021 10:00:00 AM	3/17/2021 4:17:00 PM	Copper	Total	=	25	µg/L	EPA 200.8	0.23	0.5	WKL	
MO-OJA	2020/21-3	Wet	3/10/2021 10:00:00 AM	3/17/2021 4:14:00 PM	Iron	Dissolved	=	66	µg/L	EPA 200.8	3.9	20	WKL	
MO-OJA	2020/21-3	Wet	3/10/2021 10:00:00 AM	3/17/2021 4:17:00 PM	Iron	Total	=	7300	µg/L	EPA 200.8	3.9	20	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-OJA	2020/21-3	Wet	3/10/2021 10:00:00 AM	3/17/2021 4:14:00 PM	Lead	Dissolved	=	0.28	µg/L	EPA 200.8	0.083	0.2	WKL	
MO-OJA	2020/21-3	Wet	3/10/2021 10:00:00 AM	3/17/2021 4:17:00 PM	Lead	Total	=	10	µg/L	EPA 200.8	0.083	0.2	WKL	
MO-OJA	2020/21-3	Wet	3/10/2021 10:00:00 AM	3/18/2021 3:03:00 PM	Mercury	Dissolved	<	17	ng/L	EPA 245.1	17	50	WKL	
MO-OJA	2020/21-3	Wet	3/10/2021 10:00:00 AM	3/18/2021 3:05:00 PM	Mercury	Total	DNQ	24	ng/L	EPA 245.1	17	50	WKL	
MO-OJA	2020/21-3	Wet	3/10/2021 10:00:00 AM	3/17/2021 4:14:00 PM	Nickel	Dissolved	DNQ	1.8	µg/L	EPA 200.8	0.16	2	WKL	UL-MB
MO-OJA	2020/21-3	Wet	3/10/2021 10:00:00 AM	3/17/2021 4:17:00 PM	Nickel	Total	=	19	µg/L	EPA 200.8	0.16	2	WKL	
MO-OJA	2020/21-3	Wet	3/10/2021 10:00:00 AM	3/17/2021 4:14:00 PM	Selenium	Dissolved	DNQ	0.084	µg/L	EPA 200.8	0.067	0.4	WKL	
MO-OJA	2020/21-3	Wet	3/10/2021 10:00:00 AM	3/17/2021 4:17:00 PM	Selenium	Total	DNQ	0.19	µg/L	EPA 200.8	0.067	0.4	WKL	
MO-OJA	2020/21-3	Wet	3/10/2021 10:00:00 AM	3/17/2021 4:14:00 PM	Silver	Dissolved	<	0.03	µg/L	EPA 200.8	0.03	0.2	WKL	
MO-OJA	2020/21-3	Wet	3/10/2021 10:00:00 AM	3/17/2021 4:17:00 PM	Silver	Total	DNQ	0.088	µg/L	EPA 200.8	0.03	0.2	WKL	
MO-OJA	2020/21-3	Wet	3/10/2021 10:00:00 AM	3/17/2021 4:14:00 PM	Thallium	Dissolved	<	0.021	µg/L	EPA 200.8	0.021	0.2	WKL	
MO-OJA	2020/21-3	Wet	3/10/2021 10:00:00 AM	3/17/2021 4:17:00 PM	Thallium	Total	DNQ	0.073	µg/L	EPA 200.8	0.021	0.2	WKL	
MO-OJA	2020/21-3	Wet	3/10/2021 10:00:00 AM	3/17/2021 4:14:00 PM	Zinc	Dissolved	=	19	µg/L	EPA 200.8	0.8	10	WKL	
MO-OJA	2020/21-3	Wet	3/10/2021 10:00:00 AM	3/17/2021 4:17:00 PM	Zinc	Total	=	140	µg/L	EPA 200.8	0.8	10	WKL	
MO-OJA	2020/21-3	Wet	3/10/2021 10:00:00 AM	3/18/2021 3:28:00 PM	Ammonia as N	n/a	=	0.41	mg/L	EPA 350.1	0.047	0.1	WKL	
MO-OJA	2020/21-3	Wet	3/10/2021 10:00:00 AM	3/11/2021 7:08:00 PM	Nitrate + Nitrite as N	n/a	=	0.52	mg/L	EPA 353.2	0.036	0.2	WKL	
MO-OJA	2020/21-3	Wet	3/10/2021 10:00:00 AM	3/19/2021 6:25:00 PM	Phosphorus as P	Dissolved	=	0.31	mg/L	EPA 200.7	0.012	0.02	WKL	
MO-OJA	2020/21-3	Wet	3/10/2021 10:00:00 AM	3/19/2021 6:28:00 PM	Phosphorus as P	Total	=	0.75	mg/L	EPA 200.7	0.018	0.05	WKL	
MO-OJA	2020/21-3	Wet	3/10/2021 10:00:00 AM	3/19/2021 3:58:00 PM	TKN	n/a	=	1.5	mg/L	EPA 351.2	0.065	0.1	WKL	
MO-OJA	2020/21-3	Wet	3/10/2021 10:00:00 AM	4/2/2021 1:21:00 AM	1,2,4-Trichlorobenzene	n/a	<	4.9	µg/L	EPA 625.1	4.9	10	WKL	
MO-OJA	2020/21-3	Wet	3/10/2021 10:00:00 AM	4/2/2021 1:21:00 AM	1,2-Dichlorobenzene	n/a	<	4.6	µg/L	EPA 625.1	4.6	10	WKL	
MO-OJA	2020/21-3	Wet	3/10/2021 10:00:00 AM	4/2/2021 1:21:00 AM	1,2-Diphenylhydrazine	n/a	<	3	µg/L	EPA 625.1	3	10	WKL	
MO-OJA	2020/21-3	Wet	3/10/2021 10:00:00 AM	4/2/2021 1:21:00 AM	1,3-Dichlorobenzene	n/a	<	4.2	µg/L	EPA 625.1	4.2	10	WKL	
MO-OJA	2020/21-3	Wet	3/10/2021 10:00:00 AM	4/2/2021 1:21:00 AM	1,4-Dichlorobenzene	n/a	<	4.8	µg/L	EPA 625.1	4.8	10	WKL	
MO-OJA	2020/21-3	Wet	3/10/2021 10:00:00 AM	3/27/2021 3:37:00 AM	1-Methylnaphthalene	n/a	<	0.24	µg/L	EPA 8270C	0.24	1	WKL	
MO-OJA	2020/21-3	Wet	3/10/2021 10:00:00 AM	3/26/2021 2:21:00 AM	2,4,5-Trichlorophenol	n/a	<	2.9	µg/L	EPA 8270C	2.9	10	WKL	
MO-OJA	2020/21-3	Wet	3/10/2021 10:00:00 AM	4/2/2021 1:21:00 AM	2,4,6-Trichlorophenol	n/a	<	2.2	µg/L	EPA 625.1	2.2	10	WKL	
MO-OJA	2020/21-3	Wet	3/10/2021 10:00:00 AM	3/26/2021 2:21:00 AM	2,4,6-Trichlorophenol	n/a	<	3	µg/L	EPA 8270C	3	10	WKL	
MO-OJA	2020/21-3	Wet	3/10/2021 10:00:00 AM	4/2/2021 1:21:00 AM	2,4-Dichlorophenol	n/a	<	2.6	µg/L	EPA 625.1	2.6	10	WKL	
MO-OJA	2020/21-3	Wet	3/10/2021 10:00:00 AM	3/26/2021 2:21:00 AM	2,4-Dichlorophenol	n/a	<	5.1	µg/L	EPA 8270C	5.1	10	WKL	
MO-OJA	2020/21-3	Wet	3/10/2021 10:00:00 AM	3/26/2021 2:21:00 AM	2,4-Dimethylphenol	n/a	<	10	µg/L	EPA 8270C	10	20	WKL	
MO-OJA	2020/21-3	Wet	3/10/2021 10:00:00 AM	4/2/2021 1:21:00 AM	2,4-Dimethylphenol	n/a	<	3	µg/L	EPA 625.1	3	10	WKL	
MO-OJA	2020/21-3	Wet	3/10/2021 10:00:00 AM	3/26/2021 2:21:00 AM	2,4-Dinitrophenol	n/a	<	10	µg/L	EPA 8270C	10	20	WKL	
MO-OJA	2020/21-3	Wet	3/10/2021 10:00:00 AM	4/2/2021 1:21:00 AM	2,4-Dinitrophenol	n/a	<	19	µg/L	EPA 625.1	19	100	WKL	
MO-OJA	2020/21-3	Wet	3/10/2021 10:00:00 AM	4/2/2021 1:21:00 AM	2,4-Dinitrotoluene	n/a	<	1.8	µg/L	EPA 625.1	1.8	10	WKL	
MO-OJA	2020/21-3	Wet	3/10/2021 10:00:00 AM	4/2/2021 1:21:00 AM	2,6-Dinitrotoluene	n/a	<	2.7	µg/L	EPA 625.1	2.7	10	WKL	
MO-OJA	2020/21-3	Wet	3/10/2021 10:00:00 AM	4/2/2021 1:21:00 AM	2-Chloronaphthalene	n/a	<	4.5	µg/L	EPA 625.1	4.5	10	WKL	
MO-OJA	2020/21-3	Wet	3/10/2021 10:00:00 AM	3/26/2021 2:21:00 AM	2-Chlorophenol	n/a	<	6.5	µg/L	EPA 8270C	6.5	10	WKL	
MO-OJA	2020/21-3	Wet	3/10/2021 10:00:00 AM	4/2/2021 1:21:00 AM	2-Chlorophenol	n/a	<	2.8	µg/L	EPA 625.1	2.8	10	WKL	
MO-OJA	2020/21-3	Wet	3/10/2021 10:00:00 AM	3/27/2021 3:37:00 AM	2-Methylnaphthalene	n/a	<	0.26	µg/L	EPA 8270C	0.26	1	WKL	
MO-OJA	2020/21-3	Wet	3/10/2021 10:00:00 AM	3/26/2021 2:21:00 AM	2-Methylphenol	n/a	<	3.4	µg/L	EPA 8270C	3.4	10	WKL	
MO-OJA	2020/21-3	Wet	3/10/2021 10:00:00 AM	3/26/2021 2:21:00 AM	2-Nitrophenol	n/a	<	7.1	µg/L	EPA 8270C	7.1	10	WKL	
MO-OJA	2020/21-3	Wet	3/10/2021 10:00:00 AM	4/2/2021 1:21:00 AM	2-Nitrophenol	n/a	<	2.6	µg/L	EPA 625.1	2.6	10	WKL	
MO-OJA	2020/21-3	Wet	3/10/2021 10:00:00 AM	4/2/2021 1:21:00 AM	3,3'-Dichlorobenzidine	n/a	<	9.9	µg/L	EPA 625.1	9.9	50	WKL	
MO-OJA	2020/21-3	Wet	3/10/2021 10:00:00 AM	3/26/2021 2:21:00 AM	3-/4-Methylphenol	n/a	<	3	µg/L	EPA 8270C	3	10	WKL	
MO-OJA	2020/21-3	Wet	3/10/2021 10:00:00 AM	3/26/2021 2:21:00 AM	4,6-Dinitro-2-methylphenol	n/a	<	1.4	µg/L	EPA 8270C	1.4	10	WKL	
MO-OJA	2020/21-3	Wet	3/10/2021 10:00:00 AM	4/2/2021 1:21:00 AM	4,6-Dinitro-2-methylphenol	n/a	<	14	µg/L	EPA 625.1	14	50	WKL	
MO-OJA	2020/21-3	Wet	3/10/2021 10:00:00 AM	4/2/2021 1:21:00 AM	4-Bromophenyl phenyl ether	n/a	<	3.6	µg/L	EPA 625.1	3.6	10	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-OJA	2020/21-3	Wet	3/10/2021 10:00:00 AM	4/2/2021 1:21:00 AM	4-Chloro-3-methylphenol	n/a	<	2.3	µg/L	EPA 625.1	2.3	10	WKL	
MO-OJA	2020/21-3	Wet	3/10/2021 10:00:00 AM	3/26/2021 2:21:00 AM	4-Chloro-3-methylphenol	n/a	<	3.7	µg/L	EPA 8270C	3.7	10	WKL	
MO-OJA	2020/21-3	Wet	3/10/2021 10:00:00 AM	4/2/2021 1:21:00 AM	4-Chlorophenyl phenyl ether	n/a	<	4.1	µg/L	EPA 625.1	4.1	10	WKL	
MO-OJA	2020/21-3	Wet	3/10/2021 10:00:00 AM	4/2/2021 1:21:00 AM	4-Nitrophenol	n/a	<	12	µg/L	EPA 625.1	12	50	WKL	
MO-OJA	2020/21-3	Wet	3/10/2021 10:00:00 AM	3/26/2021 2:21:00 AM	4-Nitrophenol	n/a	<	10	µg/L	EPA 8270C	10	20	WKL	
MO-OJA	2020/21-3	Wet	3/10/2021 10:00:00 AM	4/2/2021 1:21:00 AM	Acenaphthene	n/a	<	3.8	µg/L	EPA 625.1	3.8	10	WKL	
MO-OJA	2020/21-3	Wet	3/10/2021 10:00:00 AM	3/27/2021 3:37:00 AM	Acenaphthene	n/a	<	0.28	µg/L	EPA 8270C	0.28	1	WKL	
MO-OJA	2020/21-3	Wet	3/10/2021 10:00:00 AM	4/2/2021 1:21:00 AM	Acenaphthylene	n/a	<	1.7	µg/L	EPA 625.1	1.7	10	WKL	
MO-OJA	2020/21-3	Wet	3/10/2021 10:00:00 AM	3/27/2021 3:37:00 AM	Acenaphthylene	n/a	<	0.33	µg/L	EPA 8270C	0.33	1	WKL	
MO-OJA	2020/21-3	Wet	3/10/2021 10:00:00 AM	3/27/2021 3:37:00 AM	Anthracene	n/a	<	0.25	µg/L	EPA 8270C	0.25	1	WKL	
MO-OJA	2020/21-3	Wet	3/10/2021 10:00:00 AM	4/2/2021 1:21:00 AM	Anthracene	n/a	<	1.2	µg/L	EPA 625.1	1.2	10	WKL	
MO-OJA	2020/21-3	Wet	3/10/2021 10:00:00 AM	3/27/2021 3:37:00 AM	Benzo(a)anthracene	n/a	<	0.51	µg/L	EPA 8270C	0.51	1	WKL	
MO-OJA	2020/21-3	Wet	3/10/2021 10:00:00 AM	4/2/2021 1:21:00 AM	Benzo(a)anthracene	n/a	<	1.9	µg/L	EPA 625.1	1.9	10	WKL	
MO-OJA	2020/21-3	Wet	3/10/2021 10:00:00 AM	4/2/2021 1:21:00 AM	Ben-zidine	n/a	<	14	µg/L	EPA 625.1	14	100	WKL	
MO-OJA	2020/21-3	Wet	3/10/2021 10:00:00 AM	3/27/2021 3:37:00 AM	Benzo(a)pyrene	n/a	<	0.51	µg/L	EPA 8270C	0.51	1	WKL	
MO-OJA	2020/21-3	Wet	3/10/2021 10:00:00 AM	4/2/2021 1:21:00 AM	Benzo(a)pyrene	n/a	<	3.9	µg/L	EPA 625.1	3.9	10	WKL	
MO-OJA	2020/21-3	Wet	3/10/2021 10:00:00 AM	3/17/2021 5:01:00 AM	Benzo(a)pyrene	n/a	<	0.1	µg/L	EPA 525.2	0.1	0.5	WKL	
MO-OJA	2020/21-3	Wet	3/10/2021 10:00:00 AM	4/2/2021 1:21:00 AM	Benzo(b)fluoranthene	n/a	<	4.6	µg/L	EPA 625.1	4.6	10	WKL	
MO-OJA	2020/21-3	Wet	3/10/2021 10:00:00 AM	3/27/2021 3:37:00 AM	Benzo(b)fluoranthene	n/a	<	0.27	µg/L	EPA 8270C	0.27	1	WKL	
MO-OJA	2020/21-3	Wet	3/10/2021 10:00:00 AM	4/2/2021 1:21:00 AM	Benzo(g,h,i)perylene	n/a	<	4.2	µg/L	EPA 625.1	4.2	20	WKL	
MO-OJA	2020/21-3	Wet	3/10/2021 10:00:00 AM	3/27/2021 3:37:00 AM	Benzo(g,h,i)perylene	n/a	<	0.5	µg/L	EPA 8270C	0.5	1	WKL	
MO-OJA	2020/21-3	Wet	3/10/2021 10:00:00 AM	4/2/2021 1:21:00 AM	Benzo(k)fluoranthene	n/a	<	2.2	µg/L	EPA 625.1	2.2	10	WKL	
MO-OJA	2020/21-3	Wet	3/10/2021 10:00:00 AM	3/27/2021 3:37:00 AM	Benzo(k)fluoranthene	n/a	<	0.26	µg/L	EPA 8270C	0.26	1	WKL	
MO-OJA	2020/21-3	Wet	3/10/2021 10:00:00 AM	4/2/2021 1:21:00 AM	Bis(2-chloroethoxy)methane	n/a	<	2.5	µg/L	EPA 625.1	2.5	10	WKL	
MO-OJA	2020/21-3	Wet	3/10/2021 10:00:00 AM	4/2/2021 1:21:00 AM	Bis(2-chloroethyl)ether	n/a	<	2.7	µg/L	EPA 625.1	2.7	10	WKL	
MO-OJA	2020/21-3	Wet	3/10/2021 10:00:00 AM	4/2/2021 1:21:00 AM	Bis(2-chloroisopropyl)ether	n/a	<	3.8	µg/L	EPA 625.1	3.8	10	WKL	
MO-OJA	2020/21-3	Wet	3/10/2021 10:00:00 AM	3/17/2021 5:01:00 AM	Bis(2-ethylhexyl)adipate	n/a	DNQ	2.9	µg/L	EPA 525.2	0.6	25	WKL	HB-LCSR
MO-OJA	2020/21-3	Wet	3/10/2021 10:00:00 AM	3/17/2021 5:01:00 AM	Bis(2-ethylhexyl)phthalate	n/a	DNQ	2.9	µg/L	EPA 525.2	2	15	WKL	UL-MB
MO-OJA	2020/21-3	Wet	3/10/2021 10:00:00 AM	4/2/2021 1:21:00 AM	Bis(2-ethylhexyl)phthalate	n/a	<	23	µg/L	EPA 625.1	23	50	WKL	
MO-OJA	2020/21-3	Wet	3/10/2021 10:00:00 AM	4/2/2021 1:21:00 AM	Butyl benzyl phthalate	n/a	<	1.8	µg/L	EPA 625.1	1.8	10	WKL	
MO-OJA	2020/21-3	Wet	3/10/2021 10:00:00 AM	3/27/2021 3:37:00 AM	Chrysene	n/a	<	0.32	µg/L	EPA 8270C	0.32	1	WKL	
MO-OJA	2020/21-3	Wet	3/10/2021 10:00:00 AM	4/2/2021 1:21:00 AM	Chrysene	n/a	<	1.9	µg/L	EPA 625.1	1.9	10	WKL	
MO-OJA	2020/21-3	Wet	3/10/2021 10:00:00 AM	3/27/2021 3:37:00 AM	Dibenz(a,h)anthracene	n/a	<	0.96	µg/L	EPA 8270C	0.96	1	WKL	
MO-OJA	2020/21-3	Wet	3/10/2021 10:00:00 AM	4/2/2021 1:21:00 AM	Dibenz(a,h)anthracene	n/a	<	5.3	µg/L	EPA 625.1	5.3	20	WKL	
MO-OJA	2020/21-3	Wet	3/10/2021 10:00:00 AM	4/2/2021 1:21:00 AM	Diethyl phthalate	n/a	<	1.5	µg/L	EPA 625.1	1.5	10	WKL	
MO-OJA	2020/21-3	Wet	3/10/2021 10:00:00 AM	4/2/2021 1:21:00 AM	Dimethyl phthalate	n/a	<	1.8	µg/L	EPA 625.1	1.8	10	WKL	
MO-OJA	2020/21-3	Wet	3/10/2021 10:00:00 AM	4/2/2021 1:21:00 AM	Di-n-butylphthalate	n/a	<	1	µg/L	EPA 625.1	1	10	WKL	
MO-OJA	2020/21-3	Wet	3/10/2021 10:00:00 AM	4/2/2021 1:21:00 AM	Di-n-octylphthalate	n/a	<	4.6	µg/L	EPA 625.1	4.6	10	WKL	
MO-OJA	2020/21-3	Wet	3/10/2021 10:00:00 AM	4/2/2021 1:21:00 AM	Fluoranthene	n/a	<	0.8	µg/L	EPA 625.1	0.8	10	WKL	
MO-OJA	2020/21-3	Wet	3/10/2021 10:00:00 AM	3/27/2021 3:37:00 AM	Fluoranthene	n/a	<	0.39	µg/L	EPA 8270C	0.39	1	WKL	
MO-OJA	2020/21-3	Wet	3/10/2021 10:00:00 AM	4/2/2021 1:21:00 AM	Fluorene	n/a	<	3.5	µg/L	EPA 625.1	3.5	10	WKL	
MO-OJA	2020/21-3	Wet	3/10/2021 10:00:00 AM	3/27/2021 3:37:00 AM	Fluorene	n/a	<	0.29	µg/L	EPA 8270C	0.29	1	WKL	
MO-OJA	2020/21-3	Wet	3/10/2021 10:00:00 AM	4/2/2021 1:21:00 AM	Hexachlorobenzene	n/a	<	4.9	µg/L	EPA 625.1	4.9	10	WKL	
MO-OJA	2020/21-3	Wet	3/10/2021 10:00:00 AM	4/2/2021 1:21:00 AM	Hexachlorobutadiene	n/a	<	4.7	µg/L	EPA 625.1	4.7	10	WKL	
MO-OJA	2020/21-3	Wet	3/10/2021 10:00:00 AM	4/2/2021 1:21:00 AM	Hexachlorocyclopentadiene	n/a	<	9.8	µg/L	EPA 625.1	9.8	50	WKL	
MO-OJA	2020/21-3	Wet	3/10/2021 10:00:00 AM	4/2/2021 1:21:00 AM	Hexachloroethane	n/a	<	5	µg/L	EPA 625.1	5	10	WKL	
MO-OJA	2020/21-3	Wet	3/10/2021 10:00:00 AM	4/2/2021 1:21:00 AM	Indeno(1,2,3-cd)pyrene	n/a	<	5.5	µg/L	EPA 625.1	5.5	20	WKL	
MO-OJA	2020/21-3	Wet	3/10/2021 10:00:00 AM	3/27/2021 3:37:00 AM	Indeno(1,2,3-cd)pyrene	n/a	<	0.65	µg/L	EPA 8270C	0.65	1	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-OJA	2020/21-3	Wet	3/10/2021 10:00:00 AM	4/2/2021 1:21:00 AM	Isophorone	n/a	<	2.1	µg/L	EPA 625.1	2.1	10	WKL	
MO-OJA	2020/21-3	Wet	3/10/2021 10:00:00 AM	4/2/2021 1:21:00 AM	Naphthalene	n/a	<	4.9	µg/L	EPA 625.1	4.9	10	WKL	
MO-OJA	2020/21-3	Wet	3/10/2021 10:00:00 AM	3/27/2021 3:37:00 AM	Naphthalene	n/a	<	0.26	µg/L	EPA 8270C	0.26	1	WKL	
MO-OJA	2020/21-3	Wet	3/10/2021 10:00:00 AM	4/2/2021 1:21:00 AM	Nitrobenzene	n/a	<	3.6	µg/L	EPA 625.1	3.6	10	WKL	
MO-OJA	2020/21-3	Wet	3/10/2021 10:00:00 AM	4/2/2021 1:21:00 AM	N-Nitrosodimethylamine	n/a	<	5	µg/L	EPA 625.1	5	10	WKL	
MO-OJA	2020/21-3	Wet	3/10/2021 10:00:00 AM	4/2/2021 1:21:00 AM	N-Nitrosodi-N-propylamine	n/a	<	2.6	µg/L	EPA 625.1	2.6	10	WKL	
MO-OJA	2020/21-3	Wet	3/10/2021 10:00:00 AM	4/2/2021 1:21:00 AM	N-Nitrosodiphenylamine	n/a	<	1.9	µg/L	EPA 625.1	1.9	10	WKL	
MO-OJA	2020/21-3	Wet	3/10/2021 10:00:00 AM	4/2/2021 1:21:00 AM	Phenanthrene	n/a	<	3.2	µg/L	EPA 625.1	3.2	10	WKL	
MO-OJA	2020/21-3	Wet	3/10/2021 10:00:00 AM	3/27/2021 3:37:00 AM	Phenanthrene	n/a	<	0.29	µg/L	EPA 8270C	0.29	1	WKL	
MO-OJA	2020/21-3	Wet	3/10/2021 10:00:00 AM	4/2/2021 1:21:00 AM	Phenol	n/a	<	1.6	µg/L	EPA 625.1	1.6	10	WKL	
MO-OJA	2020/21-3	Wet	3/10/2021 10:00:00 AM	3/26/2021 2:21:00 AM	Phenol	n/a	<	3.5	µg/L	EPA 8270C	3.5	10	WKL	
MO-OJA	2020/21-3	Wet	3/10/2021 10:00:00 AM	4/2/2021 1:21:00 AM	Pyrene	n/a	<	2.5	µg/L	EPA 625.1	2.5	10	WKL	
MO-OJA	2020/21-3	Wet	3/10/2021 10:00:00 AM	3/27/2021 3:37:00 AM	Pyrene	n/a	<	0.4	µg/L	EPA 8270C	0.4	1	WKL	
MO-OJA	2020/21-3	Wet	3/10/2021 10:00:00 AM	4/2/2021 11:59:00 PM	PCB Aroclor 1016	n/a	<	10	µg/L	EPA 608.3	10	10	WKL	
MO-OJA	2020/21-3	Wet	3/10/2021 10:00:00 AM	4/2/2021 11:59:00 PM	PCB Aroclor 1221	n/a	<	10	µg/L	EPA 608.3	10	10	WKL	
MO-OJA	2020/21-3	Wet	3/10/2021 10:00:00 AM	4/2/2021 11:59:00 PM	PCB Aroclor 1232	n/a	<	10	µg/L	EPA 608.3	10	10	WKL	
MO-OJA	2020/21-3	Wet	3/10/2021 10:00:00 AM	4/2/2021 11:59:00 PM	PCB Aroclor 1242	n/a	<	10	µg/L	EPA 608.3	10	10	WKL	
MO-OJA	2020/21-3	Wet	3/10/2021 10:00:00 AM	4/2/2021 11:59:00 PM	PCB Aroclor 1248	n/a	<	10	µg/L	EPA 608.3	10	10	WKL	
MO-OJA	2020/21-3	Wet	3/10/2021 10:00:00 AM	4/2/2021 11:59:00 PM	PCB Aroclor 1254	n/a	<	10	µg/L	EPA 608.3	10	10	WKL	
MO-OJA	2020/21-3	Wet	3/10/2021 10:00:00 AM	4/2/2021 11:59:00 PM	PCB Aroclor 1260	n/a	<	10	µg/L	EPA 608.3	10	10	WKL	
MO-OJA	2020/21-3	Wet	3/10/2021 10:00:00 AM	3/27/2021 7:38:00 PM	2,4,5-T	n/a	<	0.28	µg/L	EPA 515.4	0.28	1	WKL	
MO-OJA	2020/21-3	Wet	3/10/2021 10:00:00 AM	3/27/2021 7:38:00 PM	2,4,5-TP	n/a	<	0.23	µg/L	EPA 515.4	0.23	1	WKL	
MO-OJA	2020/21-3	Wet	3/10/2021 10:00:00 AM	3/27/2021 7:38:00 PM	2,4-D	n/a	<	0.7	µg/L	EPA 515.4	0.7	2	WKL	
MO-OJA	2020/21-3	Wet	3/10/2021 10:00:00 AM	3/27/2021 7:38:00 PM	2,4-DB	n/a	<	0.95	µg/L	EPA 515.4	0.95	10	WKL	
MO-OJA	2020/21-3	Wet	3/10/2021 10:00:00 AM	3/27/2021 7:38:00 PM	3,5-Dichlorobenzoic acid	n/a	<	0.6	µg/L	EPA 515.4	0.6	5	WKL	
MO-OJA	2020/21-3	Wet	3/10/2021 10:00:00 AM	4/2/2021 11:59:00 PM	4,4'-DDD	n/a	<	0.014	µg/L	EPA 608.3	0.014	1	WKL	
MO-OJA	2020/21-3	Wet	3/10/2021 10:00:00 AM	4/2/2021 11:59:00 PM	4,4'-DDE	n/a	<	0.014	µg/L	EPA 608.3	0.014	1	WKL	
MO-OJA	2020/21-3	Wet	3/10/2021 10:00:00 AM	4/2/2021 11:59:00 PM	4,4'-DDT	n/a	<	0.022	µg/L	EPA 608.3	0.022	0.2	WKL	
MO-OJA	2020/21-3	Wet	3/10/2021 10:00:00 AM	3/27/2021 7:38:00 PM	Acifluorfen	n/a	<	0.36	µg/L	EPA 515.4	0.36	2	WKL	
MO-OJA	2020/21-3	Wet	3/10/2021 10:00:00 AM	3/17/2021 5:01:00 AM	Alachlor	n/a	<	0.15	µg/L	EPA 525.2	0.15	0.5	WKL	
MO-OJA	2020/21-3	Wet	3/10/2021 10:00:00 AM	4/2/2021 11:59:00 PM	Aldrin	n/a	<	0.02	µg/L	EPA 608.3	0.02	0.1	WKL	
MO-OJA	2020/21-3	Wet	3/10/2021 10:00:00 AM	4/2/2021 11:59:00 PM	alpha-BHC	n/a	<	0.022	µg/L	EPA 608.3	0.022	0.2	WKL	
MO-OJA	2020/21-3	Wet	3/10/2021 10:00:00 AM	4/2/2021 11:59:00 PM	alpha-Chlordane	n/a	<	0.058	µg/L	EPA 608.3	0.058	0.2	WKL	
MO-OJA	2020/21-3	Wet	3/10/2021 10:00:00 AM	3/17/2021 5:01:00 AM	Atrazine	n/a	<	0.15	µg/L	EPA 525.2	0.15	0.5	WKL	
MO-OJA	2020/21-3	Wet	3/10/2021 10:00:00 AM	3/18/2021 1:35:00 AM	Azinphos methyl	n/a	<	0.011	µg/L	EPA 625.1m	0.011	0.02	WKL	
MO-OJA	2020/21-3	Wet	3/10/2021 10:00:00 AM	3/27/2021 7:38:00 PM	Bentazon	n/a	<	1.2	µg/L	EPA 515.4	1.2	10	WKL	
MO-OJA	2020/21-3	Wet	3/10/2021 10:00:00 AM	4/2/2021 11:59:00 PM	beta-BHC	n/a	<	0.03	µg/L	EPA 608.3	0.03	0.1	WKL	
MO-OJA	2020/21-3	Wet	3/10/2021 10:00:00 AM	3/18/2021 1:35:00 AM	Bolstar	n/a	<	0.0092	µg/L	EPA 625.1m	0.0092	0.02	WKL	
MO-OJA	2020/21-3	Wet	3/10/2021 10:00:00 AM	3/17/2021 5:01:00 AM	Bromacil	n/a	DNQ	2.1	µg/L	EPA 525.2	0.8	2.5	WKL	
MO-OJA	2020/21-3	Wet	3/10/2021 10:00:00 AM	3/17/2021 5:01:00 AM	Butachlor	n/a	<	0.15	µg/L	EPA 525.2	0.15	0.5	WKL	
MO-OJA	2020/21-3	Wet	3/10/2021 10:00:00 AM	3/17/2021 5:01:00 AM	Captan	n/a	<	0.8	µg/L	EPA 525.2	0.8	5	WKL	
MO-OJA	2020/21-3	Wet	3/10/2021 10:00:00 AM	4/2/2021 11:59:00 PM	Chlordane (technical)	n/a	<	0.86	µg/L	EPA 608.3	0.86	2	WKL	
MO-OJA	2020/21-3	Wet	3/10/2021 10:00:00 AM	3/17/2021 5:01:00 AM	Chlorpropham	n/a	<	0.2	µg/L	EPA 525.2	0.2	0.5	WKL	
MO-OJA	2020/21-3	Wet	3/10/2021 10:00:00 AM	3/18/2021 1:35:00 AM	Chlorpyrifos	n/a	<	0.014	µg/L	EPA 625.1m	0.014	0.02	WKL	
MO-OJA	2020/21-3	Wet	3/10/2021 10:00:00 AM	3/18/2021 1:35:00 AM	Coumaphos	n/a	<	0.01	µg/L	EPA 625.1m	0.01	0.02	WKL	
MO-OJA	2020/21-3	Wet	3/10/2021 10:00:00 AM	3/17/2021 5:01:00 AM	Cyanazine	n/a	<	0.2	µg/L	EPA 525.2	0.2	0.5	WKL	
MO-OJA	2020/21-3	Wet	3/10/2021 10:00:00 AM	3/27/2021 7:38:00 PM	Dalapon	n/a	<	0.55	µg/L	EPA 515.4	0.55	2	WKL	
MO-OJA	2020/21-3	Wet	3/10/2021 10:00:00 AM	3/27/2021 7:38:00 PM	DCPA (Dacthal)	n/a	<	0.26	µg/L	EPA 515.4	0.26	0.5	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-OJA	2020/21-3	Wet	3/10/2021 10:00:00 AM	4/2/2021 11:59:00 PM	delta-BHC	n/a	<	0.038	µg/L	EPA 608.3	0.038	0.1	WKL	
MO-OJA	2020/21-3	Wet	3/10/2021 10:00:00 AM	3/18/2021 1:35:00 AM	Demeton-O	n/a	<	0.02	µg/L	EPA 625.1m	0.02	0.02	WKL	
MO-OJA	2020/21-3	Wet	3/10/2021 10:00:00 AM	3/18/2021 1:35:00 AM	Demeton-S	n/a	<	0.02	µg/L	EPA 625.1m	0.02	0.02	WKL	
MO-OJA	2020/21-3	Wet	3/10/2021 10:00:00 AM	3/17/2021 5:01:00 AM	Diazinon	n/a	<	0.25	µg/L	EPA 525.2	0.25	0.5	WKL	
MO-OJA	2020/21-3	Wet	3/10/2021 10:00:00 AM	3/18/2021 1:35:00 AM	Diazinon	n/a	<	0.01	µg/L	EPA 625.1m	0.01	0.02	WKL	
MO-OJA	2020/21-3	Wet	3/10/2021 10:00:00 AM	3/27/2021 7:38:00 PM	Dicamba	n/a	<	0.38	µg/L	EPA 515.4	0.38	3	WKL	
MO-OJA	2020/21-3	Wet	3/10/2021 10:00:00 AM	3/27/2021 7:38:00 PM	Dichlorprop	n/a	<	0.6	µg/L	EPA 515.4	0.6	1.5	WKL	
MO-OJA	2020/21-3	Wet	3/10/2021 10:00:00 AM	3/18/2021 1:35:00 AM	Dichlorvos	n/a	<	0.0058	µg/L	EPA 625.1m	0.0058	0.02	WKL	
MO-OJA	2020/21-3	Wet	3/10/2021 10:00:00 AM	4/2/2021 11:59:00 PM	Dieldrin	n/a	<	0.016	µg/L	EPA 608.3	0.016	0.2	WKL	
MO-OJA	2020/21-3	Wet	3/10/2021 10:00:00 AM	3/17/2021 5:01:00 AM	Dimethoate	n/a	<	0.1	µg/L	EPA 525.2	0.1	1	WKL	
MO-OJA	2020/21-3	Wet	3/10/2021 10:00:00 AM	3/18/2021 1:35:00 AM	Dimethoate	n/a	<	0.012	µg/L	EPA 625.1m	0.012	0.02	WKL	
MO-OJA	2020/21-3	Wet	3/10/2021 10:00:00 AM	3/27/2021 7:38:00 PM	Dinoseb	n/a	<	0.28	µg/L	EPA 515.4	0.28	2	WKL	
MO-OJA	2020/21-3	Wet	3/10/2021 10:00:00 AM	3/17/2021 5:01:00 AM	Diphenamid	n/a	<	0.15	µg/L	EPA 525.2	0.15	0.5	WKL	
MO-OJA	2020/21-3	Wet	3/10/2021 10:00:00 AM	3/17/2021 5:01:00 AM	Disulfoton	n/a	<	0.2	µg/L	EPA 525.2	0.2	0.5	WKL	
MO-OJA	2020/21-3	Wet	3/10/2021 10:00:00 AM	3/18/2021 1:35:00 AM	Disulfoton	n/a	<	0.02	µg/L	EPA 625.1m	0.02	0.02	WKL	
MO-OJA	2020/21-3	Wet	3/10/2021 10:00:00 AM	4/2/2021 11:59:00 PM	Endosulfan I	n/a	<	0.018	µg/L	EPA 608.3	0.018	0.4	WKL	
MO-OJA	2020/21-3	Wet	3/10/2021 10:00:00 AM	4/2/2021 11:59:00 PM	Endosulfan II	n/a	<	0.014	µg/L	EPA 608.3	0.014	0.2	WKL	
MO-OJA	2020/21-3	Wet	3/10/2021 10:00:00 AM	4/2/2021 11:59:00 PM	Endosulfan sulfate	n/a	<	0.026	µg/L	EPA 608.3	0.026	1	WKL	
MO-OJA	2020/21-3	Wet	3/10/2021 10:00:00 AM	4/2/2021 11:59:00 PM	Endrin	n/a	<	0.034	µg/L	EPA 608.3	0.034	0.2	WKL	
MO-OJA	2020/21-3	Wet	3/10/2021 10:00:00 AM	4/2/2021 11:59:00 PM	Endrin aldehyde	n/a	<	0.038	µg/L	EPA 608.3	0.038	0.2	WKL	
MO-OJA	2020/21-3	Wet	3/10/2021 10:00:00 AM	3/17/2021 5:01:00 AM	EPTC	n/a	<	0.1	µg/L	EPA 525.2	0.1	0.5	WKL	
MO-OJA	2020/21-3	Wet	3/10/2021 10:00:00 AM	3/18/2021 1:35:00 AM	Ethoprop	n/a	<	0.013	µg/L	EPA 625.1m	0.013	0.02	WKL	
MO-OJA	2020/21-3	Wet	3/10/2021 10:00:00 AM	3/18/2021 1:35:00 AM	Ethyl parathion	n/a	<	0.011	µg/L	EPA 625.1m	0.011	0.02	WKL	
MO-OJA	2020/21-3	Wet	3/10/2021 10:00:00 AM	3/18/2021 1:35:00 AM	Fensulfthion	n/a	<	0.0058	µg/L	EPA 625.1m	0.0058	0.02	WKL	
MO-OJA	2020/21-3	Wet	3/10/2021 10:00:00 AM	3/18/2021 1:35:00 AM	Fenthion	n/a	<	0.0076	µg/L	EPA 625.1m	0.0076	0.02	WKL	
MO-OJA	2020/21-3	Wet	3/10/2021 10:00:00 AM	4/2/2021 11:59:00 PM	gamma-BHC (Lindane)	n/a	<	0.008	µg/L	EPA 608.3	0.008	0.4	WKL	
MO-OJA	2020/21-3	Wet	3/10/2021 10:00:00 AM	4/2/2021 11:59:00 PM	gamma-Chlordane	n/a	<	0.046	µg/L	EPA 608.3	0.046	0.2	WKL	
MO-OJA	2020/21-3	Wet	3/10/2021 10:00:00 AM	3/18/2021 3:09:00 AM	Glyphosate	n/a	=	7.5	µg/L	EPA 547	1.8	5	WKL	
MO-OJA	2020/21-3	Wet	3/10/2021 10:00:00 AM	4/2/2021 11:59:00 PM	Heptachlor	n/a	<	0.012	µg/L	EPA 608.3	0.012	0.2	WKL	
MO-OJA	2020/21-3	Wet	3/10/2021 10:00:00 AM	4/2/2021 11:59:00 PM	Heptachlor epoxide	n/a	<	0.008	µg/L	EPA 608.3	0.008	0.2	WKL	
MO-OJA	2020/21-3	Wet	3/10/2021 10:00:00 AM	3/18/2021 1:35:00 AM	Malathion	n/a	<	0.015	µg/L	EPA 625.1m	0.015	0.02	WKL	
MO-OJA	2020/21-3	Wet	3/10/2021 10:00:00 AM	3/18/2021 1:35:00 AM	Merphos	n/a	<	0.012	µg/L	EPA 625.1m	0.012	0.02	WKL	
MO-OJA	2020/21-3	Wet	3/10/2021 10:00:00 AM	3/18/2021 1:35:00 AM	Methyl parathion	n/a	<	0.013	µg/L	EPA 625.1m	0.013	0.02	WKL	
MO-OJA	2020/21-3	Wet	3/10/2021 10:00:00 AM	3/17/2021 5:01:00 AM	Metolachlor	n/a	<	0.15	µg/L	EPA 525.2	0.15	0.5	WKL	
MO-OJA	2020/21-3	Wet	3/10/2021 10:00:00 AM	3/17/2021 5:01:00 AM	Metribuzin	n/a	<	0.15	µg/L	EPA 525.2	0.15	0.5	WKL	
MO-OJA	2020/21-3	Wet	3/10/2021 10:00:00 AM	3/18/2021 1:35:00 AM	Mevinphos	n/a	<	0.0084	µg/L	EPA 625.1m	0.0084	0.02	WKL	
MO-OJA	2020/21-3	Wet	3/10/2021 10:00:00 AM	3/17/2021 5:01:00 AM	Molinate	n/a	<	0.15	µg/L	EPA 525.2	0.15	0.5	WKL	
MO-OJA	2020/21-3	Wet	3/10/2021 10:00:00 AM	3/18/2021 1:35:00 AM	Naled	n/a	<	0.015	µg/L	EPA 625.1m	0.015	0.02	WKL	
MO-OJA	2020/21-3	Wet	3/10/2021 10:00:00 AM	3/26/2021 2:21:00 AM	Pentachlorophenol	n/a	DNQ	1.8	µg/L	EPA 8270C	1.5	10	WKL	
MO-OJA	2020/21-3	Wet	3/10/2021 10:00:00 AM	3/27/2021 7:38:00 PM	Pentachlorophenol	n/a	<	0.23	µg/L	EPA 515.4	0.23	1	WKL	
MO-OJA	2020/21-3	Wet	3/10/2021 10:00:00 AM	4/2/2021 1:21:00 AM	Pentachlorophenol	n/a	<	4	µg/L	EPA 625.1	4	10	WKL	
MO-OJA	2020/21-3	Wet	3/10/2021 10:00:00 AM	3/18/2021 1:35:00 AM	Phorate	n/a	<	0.006	µg/L	EPA 625.1m	0.006	0.02	WKL	
MO-OJA	2020/21-3	Wet	3/10/2021 10:00:00 AM	3/27/2021 7:38:00 PM	Picloram	n/a	<	0.19	µg/L	EPA 515.4	0.19	3	WKL	
MO-OJA	2020/21-3	Wet	3/10/2021 10:00:00 AM	3/17/2021 5:01:00 AM	Prometon	n/a	<	0.05	µg/L	EPA 525.2	0.05	0.5	WKL	
MO-OJA	2020/21-3	Wet	3/10/2021 10:00:00 AM	3/17/2021 5:01:00 AM	Prometryn	n/a	<	0.15	µg/L	EPA 525.2	0.15	0.5	WKL	
MO-OJA	2020/21-3	Wet	3/10/2021 10:00:00 AM	3/18/2021 1:35:00 AM	Ronnel (Fenchlorphos)	n/a	<	0.0082	µg/L	EPA 625.1m	0.0082	0.02	WKL	
MO-OJA	2020/21-3	Wet	3/10/2021 10:00:00 AM	3/17/2021 5:01:00 AM	Simazine	n/a	<	0.1	µg/L	EPA 525.2	0.1	0.5	WKL	
MO-OJA	2020/21-3	Wet	3/10/2021 10:00:00 AM	3/18/2021 1:35:00 AM	Stirophos (Tetrachlorvinphos)	n/a	<	0.0062	µg/L	EPA 625.1m	0.0062	0.02	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-OJA	2020/21-3	Wet	3/10/2021 10:00:00 AM	3/17/2021 5:01:00 AM	Terbacil	n/a	<	0.45	µg/L	EPA 525.2	0.45	10	WKL	
MO-OJA	2020/21-3	Wet	3/10/2021 10:00:00 AM	3/17/2021 5:01:00 AM	Thiobencarb	n/a	<	0.15	µg/L	EPA 525.2	0.15	0.5	WKL	
MO-OJA	2020/21-3	Wet	3/10/2021 10:00:00 AM	3/18/2021 1:35:00 AM	Tokuthion	n/a	<	0.016	µg/L	EPA 625.1m	0.016	0.02	WKL	
MO-OJA	2020/21-3	Wet	3/10/2021 10:00:00 AM	4/2/2021 11:59:00 PM	Toxaphene	n/a	<	20	µg/L	EPA 608.3	20	20	WKL	
MO-OJA	2020/21-3	Wet	3/10/2021 10:00:00 AM	3/18/2021 1:35:00 AM	Trichloronate	n/a	<	0.013	µg/L	EPA 625.1m	0.013	0.02	WKL	
MO-OJA	2020/21-3	Wet	3/10/2021 10:00:00 AM	3/17/2021 5:01:00 AM	Trithion	n/a	<	0.1	µg/L	EPA 525.2	0.1	0.5	WKL	
MO-OJA	2020/21-4	Dry	5/12/2021 8:00:00 AM	5/13/2021 9:55:00 AM	E. Coli	n/a	=	12000	MPN/100 mL	SM 9223 B	-88	10	WKL	
MO-OJA	2020/21-4	Dry	5/12/2021 8:00:00 AM	5/13/2021 9:55:00 AM	Total Coliform	n/a	=	39000	MPN/100 mL	SM 9223 B	-88	100	WKL	
MO-OJA	2020/21-4	Dry	5/12/2021 8:00:00 AM	5/12/2021 8:00:00 AM	Conductivity	n/a	=	1895	µmhos/cm	Field Meter	-88	1	Field Crew	
MO-OJA	2020/21-4	Dry	5/12/2021 8:00:00 AM	5/19/2021 2:13:00 PM	Cyanide	Total	<	0.0003	mg/L	ASTM D7511	0.0003	0.002	WKL	
MO-OJA	2020/21-4	Dry	5/12/2021 8:00:00 AM	5/12/2021 8:00:00 AM	DO	n/a	=	145.1	%	Field Meter	-88	0.1	Field Crew	
MO-OJA	2020/21-4	Dry	5/12/2021 8:00:00 AM	5/12/2021 8:00:00 AM	DO	n/a	=	14.22	mg/L	Field Meter	-88	0.3	Field Crew	
MO-OJA	2020/21-4	Dry	5/12/2021 8:00:00 AM	5/12/2021 8:00:00 AM	pH	n/a	=	8.25	pH Units	Field Meter	-88	0.01	Field Crew	
MO-OJA	2020/21-4	Dry	5/12/2021 8:00:00 AM	5/12/2021 8:00:00 AM	Salinity	n/a	=	1200	mg/L	Field Meter	-88	100	Field Crew	
MO-OJA	2020/21-4	Dry	5/12/2021 8:00:00 AM	5/12/2021 8:00:00 AM	Specific Conductance	n/a	=	2288	µmhos/cm	Field Meter	-88	1	Field Crew	
MO-OJA	2020/21-4	Dry	5/12/2021 8:00:00 AM	5/12/2021 8:00:00 AM	Temperature	n/a	=	16	°C	Field Meter	-88	0.1	Field Crew	
MO-OJA	2020/21-4	Dry	5/12/2021 8:00:00 AM	5/19/2021 10:42:00 AM	Gasoline Range Organics	n/a	<	0.065	mg/L	LUFT GC/MS	0.065	0.1	WKL	
MO-OJA	2020/21-4	Dry	5/12/2021 8:00:00 AM	5/13/2021 2:00:00 PM	Oil and Grease	n/a	<	0.7	mg/L	EPA 1664B	0.7	5	WKL	
MO-OJA	2020/21-4	Dry	5/13/2021 9:55:00 AM	5/19/2021 7:34:00 AM	Chloride	n/a	=	380	mg/L	EPA 300.0	0.34	2	WKL	
MO-OJA	2020/21-4	Dry	5/13/2021 9:55:00 AM	5/18/2021 1:00:00 PM	Fluoride	n/a	=	0.43	mg/L	EPA 300.0	0.018	0.2	WKL	
MO-OJA	2020/21-4	Dry	5/13/2021 9:55:00 AM	5/19/2021 5:21:00 AM	Perchlorate	n/a	<	8.4	µg/L	EPA 314.0	8.4	20	WKL	
MO-OJA	2020/21-4	Dry	5/13/2021 9:55:00 AM	5/20/2021 2:17:00 PM	Calcium	Total	=	197	mg/L	EPA 200.7	0.16	0.5	WKL	
MO-OJA	2020/21-4	Dry	5/13/2021 9:55:00 AM	5/20/2021 2:17:00 PM	Magnesium	Total	=	81.6	mg/L	EPA 200.7	0.039	0.5	WKL	
MO-OJA	2020/21-4	Dry	5/13/2021 9:55:00 AM	5/18/2021 1:52:00 PM	Alkalinity as CaCO3	n/a	=	290	mg/L	SM 2320 B	0.56	5	WKL	
MO-OJA	2020/21-4	Dry	5/13/2021 9:55:00 AM	5/19/2021 3:50:00 PM	BOD	n/a	=	9.5	mg/L	SM 5210 B	2	2	WKL	
MO-OJA	2020/21-4	Dry	5/13/2021 9:55:00 AM	5/21/2021 11:46:00 AM	COD	n/a	=	33	mg/L	EPA 410.4	2.9	5	WKL	
MO-OJA	2020/21-4	Dry	5/13/2021 9:55:00 AM	5/20/2021 2:17:00 PM	Hardness as CaCO3	Total	=	828	mg/L	EPA 200.7	0.56	3.31	WKL	
MO-OJA	2020/21-4	Dry	5/13/2021 9:55:00 AM	5/13/2021 7:16:00 PM	MBAS	n/a	=	0.1	mg/L	SM 5540 C	0.017	0.05	WKL	
MO-OJA	2020/21-4	Dry	5/13/2021 9:55:00 AM	5/25/2021 1:23:00 PM	Phenolics	n/a	<	0.0032	mg/L	EPA 420.4	0.0032	0.01	WKL	
MO-OJA	2020/21-4	Dry	5/13/2021 9:55:00 AM	5/27/2021 12:05:00 PM	Specific Conductance	n/a	=	2900	µmhos/cm	SM 2510 B	0.7	6	WKL	
MO-OJA	2020/21-4	Dry	5/13/2021 9:55:00 AM	5/20/2021 6:29:00 PM	Total Dissolved Solids	n/a	=	1900	mg/L	SM 2540 C	4	10	WKL	
MO-OJA	2020/21-4	Dry	5/13/2021 9:55:00 AM	5/19/2021 8:26:00 AM	Total Organic Carbon	n/a	=	13	mg/L	SM 5310 B	0.096	0.3	WKL	
MO-OJA	2020/21-4	Dry	5/13/2021 9:55:00 AM	5/18/2021 5:30:00 PM	Total Suspended Solids	n/a	DNQ	2	mg/L	SM 2540 D	-88	5	WKL	
MO-OJA	2020/21-4	Dry	5/13/2021 9:55:00 AM	5/14/2021 5:01:00 PM	Turbidity	n/a	=	1.5	NTU	EPA 180.1	0.017	0.1	WKL	
MO-OJA	2020/21-4	Dry	5/13/2021 9:55:00 AM	5/18/2021 5:30:00 PM	Volatile Suspended Solids	n/a	<	3.1	mg/L	EPA 160.4	3.1	5	WKL	
MO-OJA	2020/21-4	Dry	5/13/2021 9:55:00 AM	5/27/2021 8:19:00 PM	Diesel Range Organics	n/a	=	0.2	mg/L	EPA 8015B	0.032	0.1	WKL	UL-MB
MO-OJA	2020/21-4	Dry	5/13/2021 9:55:00 AM	5/27/2021 8:19:00 PM	Oil Range Organics	n/a	<	0.33	mg/L	EPA 8015B	0.33	0.5	WKL	
MO-OJA	2020/21-4	Dry	5/13/2021 9:55:00 AM	5/18/2021 1:23:00 PM	Aluminum	Dissolved	<	4.4	µg/L	EPA 200.8	4.4	20	WKL	
MO-OJA	2020/21-4	Dry	5/13/2021 9:55:00 AM	5/18/2021 1:26:00 PM	Aluminum	Total	DNQ	6.7	µg/L	EPA 200.8	4.4	20	WKL	
MO-OJA	2020/21-4	Dry	5/13/2021 9:55:00 AM	5/18/2021 1:23:00 PM	Antimony	Dissolved	DNQ	0.17	µg/L	EPA 200.8	0.089	0.5	WKL	
MO-OJA	2020/21-4	Dry	5/13/2021 9:55:00 AM	5/18/2021 1:26:00 PM	Antimony	Total	DNQ	0.18	µg/L	EPA 200.8	0.089	0.5	WKL	
MO-OJA	2020/21-4	Dry	5/13/2021 9:55:00 AM	5/18/2021 1:23:00 PM	Arsenic	Dissolved	=	0.5	µg/L	EPA 200.8	0.074	0.4	WKL	
MO-OJA	2020/21-4	Dry	5/13/2021 9:55:00 AM	5/18/2021 1:26:00 PM	Arsenic	Total	=	0.52	µg/L	EPA 200.8	0.074	0.4	WKL	
MO-OJA	2020/21-4	Dry	5/13/2021 9:55:00 AM	5/18/2021 1:26:00 PM	Barium	Total	=	47	µg/L	EPA 200.8	0.14	1	WKL	
MO-OJA	2020/21-4	Dry	5/13/2021 9:55:00 AM	5/18/2021 1:23:00 PM	Beryllium	Dissolved	<	0.062	µg/L	EPA 200.8	0.062	0.1	WKL	
MO-OJA	2020/21-4	Dry	5/13/2021 9:55:00 AM	5/18/2021 1:26:00 PM	Beryllium	Total	<	0.062	µg/L	EPA 200.8	0.062	0.1	WKL	
MO-OJA	2020/21-4	Dry	5/13/2021 9:55:00 AM	5/18/2021 1:23:00 PM	Cadmium	Dissolved	DNQ	0.12	µg/L	EPA 200.8	0.042	0.2	WKL	
MO-OJA	2020/21-4	Dry	5/13/2021 9:55:00 AM	5/18/2021 1:26:00 PM	Cadmium	Total	DNQ	0.13	µg/L	EPA 200.8	0.042	0.2	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-OJA	2020/21-4	Dry	5/13/2021 9:55:00 AM	5/18/2021 1:23:00 PM	Chromium	Dissolved	=	0.35	µg/L	EPA 200.8	0.089	0.2	WKL	
MO-OJA	2020/21-4	Dry	5/13/2021 9:55:00 AM	5/18/2021 1:26:00 PM	Chromium	Total	=	0.38	µg/L	EPA 200.8	0.089	0.2	WKL	
MO-OJA	2020/21-4	Dry	5/13/2021 9:55:00 AM	5/20/2021 12:46:00 PM	Chromium VI	n/a	=	0.23	µg/L	EPA 218.6	0.0079	0.02	WKL	
MO-OJA	2020/21-4	Dry	5/13/2021 9:55:00 AM	5/18/2021 1:23:00 PM	Copper	Dissolved	=	4.8	µg/L	EPA 200.8	0.23	0.5	WKL	
MO-OJA	2020/21-4	Dry	5/13/2021 9:55:00 AM	5/18/2021 1:26:00 PM	Copper	Total	=	4.9	µg/L	EPA 200.8	0.23	0.5	WKL	
MO-OJA	2020/21-4	Dry	5/13/2021 9:55:00 AM	5/18/2021 1:23:00 PM	Iron	Dissolved	DNQ	8.2	µg/L	EPA 200.8	3.9	20	WKL	
MO-OJA	2020/21-4	Dry	5/13/2021 9:55:00 AM	5/18/2021 1:26:00 PM	Iron	Total	DNQ	15	µg/L	EPA 200.8	3.9	20	WKL	
MO-OJA	2020/21-4	Dry	5/13/2021 9:55:00 AM	5/18/2021 1:23:00 PM	Lead	Dissolved	=	1.3	µg/L	EPA 200.8	0.083	0.2	WKL	
MO-OJA	2020/21-4	Dry	5/13/2021 9:55:00 AM	5/18/2021 1:26:00 PM	Lead	Total	=	1.3	µg/L	EPA 200.8	0.083	0.2	WKL	
MO-OJA	2020/21-4	Dry	5/13/2021 9:55:00 AM	5/25/2021 4:39:00 PM	Mercury	Dissolved	<	17	ng/L	EPA 245.1	17	50	WKL	
MO-OJA	2020/21-4	Dry	5/13/2021 9:55:00 AM	5/25/2021 4:41:00 PM	Mercury	Total	<	17	ng/L	EPA 245.1	17	50	WKL	
MO-OJA	2020/21-4	Dry	5/13/2021 9:55:00 AM	5/18/2021 1:23:00 PM	Nickel	Dissolved	DNQ	1.2	µg/L	EPA 200.8	0.16	2	WKL	
MO-OJA	2020/21-4	Dry	5/13/2021 9:55:00 AM	5/18/2021 1:26:00 PM	Nickel	Total	DNQ	1.2	µg/L	EPA 200.8	0.16	2	WKL	
MO-OJA	2020/21-4	Dry	5/13/2021 9:55:00 AM	5/18/2021 1:23:00 PM	Selenium	Dissolved	=	7.6	µg/L	EPA 200.8	0.067	0.4	WKL	
MO-OJA	2020/21-4	Dry	5/13/2021 9:55:00 AM	5/18/2021 1:26:00 PM	Selenium	Total	=	7.5	µg/L	EPA 200.8	0.067	0.4	WKL	
MO-OJA	2020/21-4	Dry	5/13/2021 9:55:00 AM	5/18/2021 1:23:00 PM	Silver	Dissolved	<	0.03	µg/L	EPA 200.8	0.03	0.2	WKL	
MO-OJA	2020/21-4	Dry	5/13/2021 9:55:00 AM	5/18/2021 1:26:00 PM	Silver	Total	<	0.03	µg/L	EPA 200.8	0.03	0.2	WKL	
MO-OJA	2020/21-4	Dry	5/13/2021 9:55:00 AM	5/18/2021 1:23:00 PM	Thallium	Dissolved	<	0.021	µg/L	EPA 200.8	0.021	0.2	WKL	
MO-OJA	2020/21-4	Dry	5/13/2021 9:55:00 AM	5/18/2021 1:26:00 PM	Thallium	Total	<	0.021	µg/L	EPA 200.8	0.021	0.2	WKL	
MO-OJA	2020/21-4	Dry	5/13/2021 9:55:00 AM	5/18/2021 1:23:00 PM	Zinc	Dissolved	=	81	µg/L	EPA 200.8	0.8	10	WKL	
MO-OJA	2020/21-4	Dry	5/13/2021 9:55:00 AM	5/18/2021 1:26:00 PM	Zinc	Total	=	79	µg/L	EPA 200.8	0.8	10	WKL	
MO-OJA	2020/21-4	Dry	5/13/2021 9:55:00 AM	5/18/2021 2:15:00 PM	Ammonia as N	n/a	<	0.047	mg/L	EPA 350.1	0.047	0.1	WKL	
MO-OJA	2020/21-4	Dry	5/13/2021 9:55:00 AM	5/13/2021 5:37:00 PM	Nitrate + Nitrite as N	n/a	=	2.4	mg/L	EPA 353.2	0.036	0.2	WKL	
MO-OJA	2020/21-4	Dry	5/13/2021 9:55:00 AM	5/20/2021 2:14:00 PM	Phosphorus as P	Dissolved	<	0.018	mg/L	EPA 200.7	0.018	0.05	WKL	
MO-OJA	2020/21-4	Dry	5/13/2021 9:55:00 AM	5/20/2021 2:17:00 PM	Phosphorus as P	Total	<	0.018	mg/L	EPA 200.7	0.018	0.05	WKL	
MO-OJA	2020/21-4	Dry	5/13/2021 9:55:00 AM	5/20/2021 2:45:00 PM	TKN	n/a	=	0.98	mg/L	EPA 351.2	0.065	0.1	WKL	
MO-OJA	2020/21-4	Dry	5/13/2021 9:55:00 AM	5/25/2021 3:45:00 PM	1,2,4-Trichlorobenzene	n/a	<	0.49	µg/L	EPA 625.1	0.49	1	WKL	
MO-OJA	2020/21-4	Dry	5/13/2021 9:55:00 AM	5/25/2021 3:45:00 PM	1,2-Dichlorobenzene	n/a	<	0.46	µg/L	EPA 625.1	0.46	1	WKL	
MO-OJA	2020/21-4	Dry	5/13/2021 9:55:00 AM	5/25/2021 3:45:00 PM	1,2-Diphenylhydrazine	n/a	<	0.3	µg/L	EPA 625.1	0.3	1	WKL	
MO-OJA	2020/21-4	Dry	5/13/2021 9:55:00 AM	5/25/2021 3:45:00 PM	1,3-Dichlorobenzene	n/a	<	0.42	µg/L	EPA 625.1	0.42	1	WKL	
MO-OJA	2020/21-4	Dry	5/13/2021 9:55:00 AM	5/25/2021 3:45:00 PM	1,4-Dichlorobenzene	n/a	<	0.48	µg/L	EPA 625.1	0.48	1	WKL	
MO-OJA	2020/21-4	Dry	5/13/2021 9:55:00 AM	6/18/2021 12:47:00 AM	1-Methylnaphthalene	n/a	<	0.024	µg/L	EPA 8270C	0.024	0.1	WKL	
MO-OJA	2020/21-4	Dry	5/13/2021 9:55:00 AM	6/3/2021 4:00:00 PM	2,4,5-Trichlorophenol	n/a	<	0.29	µg/L	EPA 8270C	0.29	1	WKL	
MO-OJA	2020/21-4	Dry	5/13/2021 9:55:00 AM	5/25/2021 3:45:00 PM	2,4,6-Trichlorophenol	n/a	DNQ	0.27	µg/L	EPA 625.1	0.22	1	WKL	
MO-OJA	2020/21-4	Dry	5/13/2021 9:55:00 AM	6/3/2021 4:00:00 PM	2,4,6-Trichlorophenol	n/a	<	0.3	µg/L	EPA 8270C	0.3	1	WKL	
MO-OJA	2020/21-4	Dry	5/13/2021 9:55:00 AM	5/25/2021 3:45:00 PM	2,4-Dichlorophenol	n/a	<	0.26	µg/L	EPA 625.1	0.26	1	WKL	
MO-OJA	2020/21-4	Dry	5/13/2021 9:55:00 AM	6/3/2021 4:00:00 PM	2,4-Dichlorophenol	n/a	<	0.51	µg/L	EPA 8270C	0.51	1	WKL	
MO-OJA	2020/21-4	Dry	5/13/2021 9:55:00 AM	5/25/2021 3:45:00 PM	2,4-Dimethylphenol	n/a	<	0.3	µg/L	EPA 625.1	0.3	1	WKL	
MO-OJA	2020/21-4	Dry	5/13/2021 9:55:00 AM	6/3/2021 4:00:00 PM	2,4-Dimethylphenol	n/a	<	1	µg/L	EPA 8270C	1	2	WKL	
MO-OJA	2020/21-4	Dry	5/13/2021 9:55:00 AM	5/25/2021 3:45:00 PM	2,4-Dinitrophenol	n/a	<	1.9	µg/L	EPA 625.1	1.9	10	WKL	
MO-OJA	2020/21-4	Dry	5/13/2021 9:55:00 AM	6/3/2021 4:00:00 PM	2,4-Dinitrophenol	n/a	<	1	µg/L	EPA 8270C	1	2	WKL	
MO-OJA	2020/21-4	Dry	5/13/2021 9:55:00 AM	5/25/2021 3:45:00 PM	2,4-Dinitrotoluene	n/a	<	0.18	µg/L	EPA 625.1	0.18	1	WKL	
MO-OJA	2020/21-4	Dry	5/13/2021 9:55:00 AM	5/25/2021 3:45:00 PM	2,6-Dinitrotoluene	n/a	<	0.27	µg/L	EPA 625.1	0.27	1	WKL	LB-LCSR
MO-OJA	2020/21-4	Dry	5/13/2021 9:55:00 AM	5/25/2021 3:45:00 PM	2-Chloronaphthalene	n/a	<	0.45	µg/L	EPA 625.1	0.45	1	WKL	LB-LCSR
MO-OJA	2020/21-4	Dry	5/13/2021 9:55:00 AM	5/25/2021 3:45:00 PM	2-Chlorophenol	n/a	<	0.28	µg/L	EPA 625.1	0.28	1	WKL	
MO-OJA	2020/21-4	Dry	5/13/2021 9:55:00 AM	6/3/2021 4:00:00 PM	2-Chlorophenol	n/a	<	0.65	µg/L	EPA 8270C	0.65	1	WKL	
MO-OJA	2020/21-4	Dry	5/13/2021 9:55:00 AM	6/18/2021 12:47:00 AM	2-Methylnaphthalene	n/a	<	0.026	µg/L	EPA 8270C	0.026	0.1	WKL	
MO-OJA	2020/21-4	Dry	5/13/2021 9:55:00 AM	6/3/2021 4:00:00 PM	2-Methylphenol	n/a	<	0.34	µg/L	EPA 8270C	0.34	1	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-OJA	2020/21-4	Dry	5/13/2021 9:55:00 AM	5/25/2021 3:45:00 PM	2-Nitrophenol	n/a	<	0.26	µg/L	EPA 625.1	0.26	1	WKL	
MO-OJA	2020/21-4	Dry	5/13/2021 9:55:00 AM	6/3/2021 4:00:00 PM	2-Nitrophenol	n/a	<	0.71	µg/L	EPA 8270C	0.71	1	WKL	
MO-OJA	2020/21-4	Dry	5/13/2021 9:55:00 AM	5/25/2021 3:45:00 PM	3,3'-Dichlorobenzidine	n/a	<	0.99	µg/L	EPA 625.1	0.99	5	WKL	
MO-OJA	2020/21-4	Dry	5/13/2021 9:55:00 AM	6/3/2021 4:00:00 PM	3-/4-Methylphenol	n/a	<	0.3	µg/L	EPA 8270C	0.3	1	WKL	
MO-OJA	2020/21-4	Dry	5/13/2021 9:55:00 AM	6/3/2021 4:00:00 PM	4,6-Dinitro-2-methylphenol	n/a	<	0.14	µg/L	EPA 8270C	0.14	1	WKL	
MO-OJA	2020/21-4	Dry	5/13/2021 9:55:00 AM	5/25/2021 3:45:00 PM	4,6-Dinitro-2-methylphenol	n/a	<	1.4	µg/L	EPA 625.1	1.4	5	WKL	
MO-OJA	2020/21-4	Dry	5/13/2021 9:55:00 AM	5/25/2021 3:45:00 PM	4-Bromophenyl phenyl ether	n/a	<	0.36	µg/L	EPA 625.1	0.36	1	WKL	
MO-OJA	2020/21-4	Dry	5/13/2021 9:55:00 AM	6/3/2021 4:00:00 PM	4-Chloro-3-methylphenol	n/a	<	0.37	µg/L	EPA 8270C	0.37	1	WKL	
MO-OJA	2020/21-4	Dry	5/13/2021 9:55:00 AM	5/25/2021 3:45:00 PM	4-Chloro-3-methylphenol	n/a	<	0.23	µg/L	EPA 625.1	0.23	1	WKL	
MO-OJA	2020/21-4	Dry	5/13/2021 9:55:00 AM	5/25/2021 3:45:00 PM	4-Chlorophenyl phenyl ether	n/a	<	0.41	µg/L	EPA 625.1	0.41	1	WKL	
MO-OJA	2020/21-4	Dry	5/13/2021 9:55:00 AM	5/25/2021 3:45:00 PM	4-Nitrophenol	n/a	<	1.2	µg/L	EPA 625.1	1.2	5	WKL	
MO-OJA	2020/21-4	Dry	5/13/2021 9:55:00 AM	6/3/2021 4:00:00 PM	4-Nitrophenol	n/a	<	1	µg/L	EPA 8270C	1	2	WKL	
MO-OJA	2020/21-4	Dry	5/13/2021 9:55:00 AM	6/18/2021 12:47:00 AM	Acenaphthene	n/a	<	0.028	µg/L	EPA 8270C	0.028	0.1	WKL	
MO-OJA	2020/21-4	Dry	5/13/2021 9:55:00 AM	5/25/2021 3:45:00 PM	Acenaphthene	n/a	<	0.38	µg/L	EPA 625.1	0.38	1	WKL	
MO-OJA	2020/21-4	Dry	5/13/2021 9:55:00 AM	6/18/2021 12:47:00 AM	Acenaphthylene	n/a	<	0.033	µg/L	EPA 8270C	0.033	0.1	WKL	
MO-OJA	2020/21-4	Dry	5/13/2021 9:55:00 AM	5/25/2021 3:45:00 PM	Acenaphthylene	n/a	<	0.17	µg/L	EPA 625.1	0.17	1	WKL	
MO-OJA	2020/21-4	Dry	5/13/2021 9:55:00 AM	5/25/2021 3:45:00 PM	Anthracene	n/a	<	0.12	µg/L	EPA 625.1	0.12	1	WKL	
MO-OJA	2020/21-4	Dry	5/13/2021 9:55:00 AM	6/18/2021 12:47:00 AM	Anthracene	n/a	<	0.025	µg/L	EPA 8270C	0.025	0.1	WKL	
MO-OJA	2020/21-4	Dry	5/13/2021 9:55:00 AM	5/25/2021 3:45:00 PM	Benz(a)anthracene	n/a	<	0.19	µg/L	EPA 625.1	0.19	1	WKL	
MO-OJA	2020/21-4	Dry	5/13/2021 9:55:00 AM	6/18/2021 12:47:00 AM	Benz(a)anthracene	n/a	<	0.051	µg/L	EPA 8270C	0.051	0.1	WKL	
MO-OJA	2020/21-4	Dry	5/13/2021 9:55:00 AM	5/25/2021 3:45:00 PM	Benzo(a)pyrene	n/a	<	1.4	µg/L	EPA 625.1	1.4	10	WKL	
MO-OJA	2020/21-4	Dry	5/13/2021 9:55:00 AM	5/25/2021 3:45:00 PM	Benzo(a)pyrene	n/a	<	0.39	µg/L	EPA 625.1	0.39	1	WKL	
MO-OJA	2020/21-4	Dry	5/13/2021 9:55:00 AM	6/18/2021 12:47:00 AM	Benzo(a)pyrene	n/a	<	0.051	µg/L	EPA 8270C	0.051	0.1	WKL	
MO-OJA	2020/21-4	Dry	5/13/2021 9:55:00 AM	6/4/2021 9:50:00 PM	Benzo(a)pyrene	n/a	<	0.02	µg/L	EPA 525.2	0.02	0.1	WKL	
MO-OJA	2020/21-4	Dry	5/13/2021 9:55:00 AM	5/25/2021 3:45:00 PM	Benzo(b)fluoranthene	n/a	<	0.46	µg/L	EPA 625.1	0.46	1	WKL	
MO-OJA	2020/21-4	Dry	5/13/2021 9:55:00 AM	6/18/2021 12:47:00 AM	Benzo(b)fluoranthene	n/a	<	0.027	µg/L	EPA 8270C	0.027	0.1	WKL	
MO-OJA	2020/21-4	Dry	5/13/2021 9:55:00 AM	5/25/2021 3:45:00 PM	Benzo(g,h,i)perylene	n/a	<	0.42	µg/L	EPA 625.1	0.42	2	WKL	
MO-OJA	2020/21-4	Dry	5/13/2021 9:55:00 AM	6/18/2021 12:47:00 AM	Benzo(g,h,i)perylene	n/a	<	0.05	µg/L	EPA 8270C	0.05	0.1	WKL	
MO-OJA	2020/21-4	Dry	5/13/2021 9:55:00 AM	6/18/2021 12:47:00 AM	Benzo(k)fluoranthene	n/a	<	0.026	µg/L	EPA 8270C	0.026	0.1	WKL	
MO-OJA	2020/21-4	Dry	5/13/2021 9:55:00 AM	5/25/2021 3:45:00 PM	Benzo(k)fluoranthene	n/a	<	0.22	µg/L	EPA 625.1	0.22	1	WKL	
MO-OJA	2020/21-4	Dry	5/13/2021 9:55:00 AM	5/25/2021 3:45:00 PM	Bis(2-chloroethoxy)methane	n/a	<	0.25	µg/L	EPA 625.1	0.25	1	WKL	
MO-OJA	2020/21-4	Dry	5/13/2021 9:55:00 AM	5/25/2021 3:45:00 PM	Bis(2-chloroethyl)ether	n/a	<	0.27	µg/L	EPA 625.1	0.27	1	WKL	
MO-OJA	2020/21-4	Dry	5/13/2021 9:55:00 AM	5/25/2021 3:45:00 PM	Bis(2-chloroisopropyl)ether	n/a	<	0.38	µg/L	EPA 625.1	0.38	1	WKL	
MO-OJA	2020/21-4	Dry	5/13/2021 9:55:00 AM	6/4/2021 9:50:00 PM	Bis(2-ethylhexyl)adipate	n/a	DNQ	0.78	µg/L	EPA 525.2	0.12	5	WKL	
MO-OJA	2020/21-4	Dry	5/13/2021 9:55:00 AM	6/4/2021 9:50:00 PM	Bis(2-ethylhexyl)phthalate	n/a	DNQ	1.3	µg/L	EPA 525.2	0.41	3	WKL	
MO-OJA	2020/21-4	Dry	5/13/2021 9:55:00 AM	5/25/2021 3:45:00 PM	Bis(2-ethylhexyl)phthalate	n/a	<	2.3	µg/L	EPA 625.1	2.3	5	WKL	
MO-OJA	2020/21-4	Dry	5/13/2021 9:55:00 AM	5/25/2021 3:45:00 PM	Butyl benzyl phthalate	n/a	DNQ	0.44	µg/L	EPA 625.1	0.18	1	WKL	
MO-OJA	2020/21-4	Dry	5/13/2021 9:55:00 AM	6/18/2021 12:47:00 AM	Chrysene	n/a	<	0.032	µg/L	EPA 8270C	0.032	0.1	WKL	
MO-OJA	2020/21-4	Dry	5/13/2021 9:55:00 AM	5/25/2021 3:45:00 PM	Chrysene	n/a	<	0.19	µg/L	EPA 625.1	0.19	1	WKL	
MO-OJA	2020/21-4	Dry	5/13/2021 9:55:00 AM	5/25/2021 3:45:00 PM	Dibenz(a,h)anthracene	n/a	<	0.53	µg/L	EPA 625.1	0.53	2	WKL	
MO-OJA	2020/21-4	Dry	5/13/2021 9:55:00 AM	6/18/2021 12:47:00 AM	Dibenz(a,h)anthracene	n/a	<	0.096	µg/L	EPA 8270C	0.096	0.1	WKL	
MO-OJA	2020/21-4	Dry	5/13/2021 9:55:00 AM	5/25/2021 3:45:00 PM	Diethyl phthalate	n/a	DNQ	0.19	µg/L	EPA 625.1	0.15	1	WKL	
MO-OJA	2020/21-4	Dry	5/13/2021 9:55:00 AM	5/25/2021 3:45:00 PM	Dimethyl phthalate	n/a	<	0.18	µg/L	EPA 625.1	0.18	1	WKL	
MO-OJA	2020/21-4	Dry	5/13/2021 9:55:00 AM	5/25/2021 3:45:00 PM	Di-n-butylphthalate	n/a	DNQ	0.15	µg/L	EPA 625.1	0.1	1	WKL	
MO-OJA	2020/21-4	Dry	5/13/2021 9:55:00 AM	5/25/2021 3:45:00 PM	Di-n-octylphthalate	n/a	<	0.46	µg/L	EPA 625.1	0.46	1	WKL	
MO-OJA	2020/21-4	Dry	5/13/2021 9:55:00 AM	5/25/2021 3:45:00 PM	Fluoranthene	n/a	<	0.08	µg/L	EPA 625.1	0.08	1	WKL	
MO-OJA	2020/21-4	Dry	5/13/2021 9:55:00 AM	6/18/2021 12:47:00 AM	Fluoranthene	n/a	<	0.039	µg/L	EPA 8270C	0.039	0.1	WKL	
MO-OJA	2020/21-4	Dry	5/13/2021 9:55:00 AM	5/25/2021 3:45:00 PM	Fluorene	n/a	<	0.35	µg/L	EPA 625.1	0.35	1	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-OJA	2020/21-4	Dry	5/13/2021 9:55:00 AM	6/18/2021 12:47:00 AM	Fluorene	n/a	<	0.029	µg/L	EPA 8270C	0.029	0.1	WKL	
MO-OJA	2020/21-4	Dry	5/13/2021 9:55:00 AM	5/25/2021 3:45:00 PM	Hexachlorobenzene	n/a	<	0.49	µg/L	EPA 625.1	0.49	1	WKL	
MO-OJA	2020/21-4	Dry	5/13/2021 9:55:00 AM	5/25/2021 3:45:00 PM	Hexachlorobutadiene	n/a	<	0.47	µg/L	EPA 625.1	0.47	1	WKL	
MO-OJA	2020/21-4	Dry	5/13/2021 9:55:00 AM	5/25/2021 3:45:00 PM	Hexachlorocyclopentadiene	n/a	<	0.98	µg/L	EPA 625.1	0.98	5	WKL	
MO-OJA	2020/21-4	Dry	5/13/2021 9:55:00 AM	5/25/2021 3:45:00 PM	Hexachloroethane	n/a	<	0.5	µg/L	EPA 625.1	0.5	1	WKL	
MO-OJA	2020/21-4	Dry	5/13/2021 9:55:00 AM	5/25/2021 3:45:00 PM	Indeno(1,2,3-cd)pyrene	n/a	<	0.55	µg/L	EPA 625.1	0.55	2	WKL	
MO-OJA	2020/21-4	Dry	5/13/2021 9:55:00 AM	6/18/2021 12:47:00 AM	Indeno(1,2,3-cd)pyrene	n/a	<	0.065	µg/L	EPA 8270C	0.065	0.1	WKL	
MO-OJA	2020/21-4	Dry	5/13/2021 9:55:00 AM	5/25/2021 3:45:00 PM	Isophorone	n/a	<	0.21	µg/L	EPA 625.1	0.21	1	WKL	
MO-OJA	2020/21-4	Dry	5/13/2021 9:55:00 AM	5/25/2021 3:45:00 PM	Naphthalene	n/a	<	0.49	µg/L	EPA 625.1	0.49	1	WKL	
MO-OJA	2020/21-4	Dry	5/13/2021 9:55:00 AM	6/18/2021 12:47:00 AM	Naphthalene	n/a	<	0.026	µg/L	EPA 8270C	0.026	0.1	WKL	
MO-OJA	2020/21-4	Dry	5/13/2021 9:55:00 AM	5/25/2021 3:45:00 PM	Nitrobenzene	n/a	<	0.36	µg/L	EPA 625.1	0.36	1	WKL	
MO-OJA	2020/21-4	Dry	5/13/2021 9:55:00 AM	5/25/2021 3:45:00 PM	N-Nitrosodimethylamine	n/a	<	0.5	µg/L	EPA 625.1	0.5	1	WKL	
MO-OJA	2020/21-4	Dry	5/13/2021 9:55:00 AM	5/25/2021 3:45:00 PM	N-Nitrosodi-N-propylamine	n/a	<	0.26	µg/L	EPA 625.1	0.26	1	WKL	
MO-OJA	2020/21-4	Dry	5/13/2021 9:55:00 AM	5/25/2021 3:45:00 PM	N-Nitrosodiphenylamine	n/a	<	0.19	µg/L	EPA 625.1	0.19	1	WKL	
MO-OJA	2020/21-4	Dry	5/13/2021 9:55:00 AM	5/25/2021 3:45:00 PM	Phenanthrene	n/a	<	0.32	µg/L	EPA 625.1	0.32	1	WKL	
MO-OJA	2020/21-4	Dry	5/13/2021 9:55:00 AM	6/18/2021 12:47:00 AM	Phenanthrene	n/a	<	0.029	µg/L	EPA 8270C	0.029	0.1	WKL	
MO-OJA	2020/21-4	Dry	5/13/2021 9:55:00 AM	6/3/2021 4:00:00 PM	Phenol	n/a	<	0.35	µg/L	EPA 8270C	0.35	1	WKL	
MO-OJA	2020/21-4	Dry	5/13/2021 9:55:00 AM	5/25/2021 3:45:00 PM	Phenol	n/a	DNQ	0.22	µg/L	EPA 625.1	0.16	1	WKL	
MO-OJA	2020/21-4	Dry	5/13/2021 9:55:00 AM	5/25/2021 3:45:00 PM	Pyrene	n/a	<	0.25	µg/L	EPA 625.1	0.25	1	WKL	
MO-OJA	2020/21-4	Dry	5/13/2021 9:55:00 AM	6/18/2021 12:47:00 AM	Pyrene	n/a	<	0.04	µg/L	EPA 8270C	0.04	0.1	WKL	
MO-OJA	2020/21-4	Dry	5/13/2021 9:55:00 AM	6/5/2021 8:18:00 AM	PCB Aroclor 1016	n/a	<	2.5	µg/L	EPA 608.3	2.5	2.5	WKL	
MO-OJA	2020/21-4	Dry	5/13/2021 9:55:00 AM	6/5/2021 8:18:00 AM	PCB Aroclor 1221	n/a	<	2.5	µg/L	EPA 608.3	2.5	2.5	WKL	
MO-OJA	2020/21-4	Dry	5/13/2021 9:55:00 AM	6/5/2021 8:18:00 AM	PCB Aroclor 1232	n/a	<	2.5	µg/L	EPA 608.3	2.5	2.5	WKL	
MO-OJA	2020/21-4	Dry	5/13/2021 9:55:00 AM	6/5/2021 8:18:00 AM	PCB Aroclor 1242	n/a	<	2.5	µg/L	EPA 608.3	2.5	2.5	WKL	
MO-OJA	2020/21-4	Dry	5/13/2021 9:55:00 AM	6/5/2021 8:18:00 AM	PCB Aroclor 1248	n/a	<	2.5	µg/L	EPA 608.3	2.5	2.5	WKL	
MO-OJA	2020/21-4	Dry	5/13/2021 9:55:00 AM	6/5/2021 8:18:00 AM	PCB Aroclor 1254	n/a	<	2.5	µg/L	EPA 608.3	2.5	2.5	WKL	
MO-OJA	2020/21-4	Dry	5/13/2021 9:55:00 AM	6/5/2021 8:18:00 AM	PCB Aroclor 1260	n/a	<	2.5	µg/L	EPA 608.3	2.5	2.5	WKL	
MO-OJA	2020/21-4	Dry	5/13/2021 9:55:00 AM	5/23/2021 9:31:00 AM	2,4,5-T	n/a	<	0.11	µg/L	EPA 515.4	0.11	0.4	WKL	
MO-OJA	2020/21-4	Dry	5/13/2021 9:55:00 AM	5/23/2021 9:31:00 AM	2,4,5-TP	n/a	<	0.092	µg/L	EPA 515.4	0.092	0.4	WKL	
MO-OJA	2020/21-4	Dry	5/13/2021 9:55:00 AM	5/23/2021 9:31:00 AM	2,4-D	n/a	<	0.28	µg/L	EPA 515.4	0.28	0.8	WKL	
MO-OJA	2020/21-4	Dry	5/13/2021 9:55:00 AM	5/23/2021 9:31:00 AM	2,4-DB	n/a	<	0.38	µg/L	EPA 515.4	0.38	4	WKL	
MO-OJA	2020/21-4	Dry	5/13/2021 9:55:00 AM	5/23/2021 9:31:00 AM	3,5-Dichlorobenzoic acid	n/a	<	0.24	µg/L	EPA 515.4	0.24	2	WKL	
MO-OJA	2020/21-4	Dry	5/13/2021 9:55:00 AM	6/5/2021 8:18:00 AM	4,4'-DDD	n/a	<	0.0035	µg/L	EPA 608.3	0.0035	0.25	WKL	
MO-OJA	2020/21-4	Dry	5/13/2021 9:55:00 AM	6/5/2021 8:18:00 AM	4,4'-DDE	n/a	<	0.0035	µg/L	EPA 608.3	0.0035	0.25	WKL	
MO-OJA	2020/21-4	Dry	5/13/2021 9:55:00 AM	6/5/2021 8:18:00 AM	4,4'-DDT	n/a	<	0.0055	µg/L	EPA 608.3	0.0055	0.05	WKL	
MO-OJA	2020/21-4	Dry	5/13/2021 9:55:00 AM	5/23/2021 9:31:00 AM	Acifluorfen	n/a	<	0.14	µg/L	EPA 515.4	0.14	0.8	WKL	
MO-OJA	2020/21-4	Dry	5/13/2021 9:55:00 AM	6/4/2021 9:50:00 PM	Alachlor	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1	WKL	
MO-OJA	2020/21-4	Dry	5/13/2021 9:55:00 AM	6/5/2021 8:18:00 AM	Aldrin	n/a	<	0.005	µg/L	EPA 608.3	0.005	0.025	WKL	
MO-OJA	2020/21-4	Dry	5/13/2021 9:55:00 AM	6/5/2021 8:18:00 AM	alpha-BHC	n/a	<	0.0055	µg/L	EPA 608.3	0.0055	0.05	WKL	
MO-OJA	2020/21-4	Dry	5/13/2021 9:55:00 AM	6/5/2021 8:18:00 AM	alpha-Chlordane	n/a	<	0.014	µg/L	EPA 608.3	0.014	0.05	WKL	
MO-OJA	2020/21-4	Dry	5/13/2021 9:55:00 AM	6/4/2021 9:50:00 PM	Atrazine	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1	WKL	
MO-OJA	2020/21-4	Dry	5/13/2021 9:55:00 AM	5/20/2021 8:07:00 PM	Azinphos methyl	n/a	<	0.0055	µg/L	EPA 625.1m	0.0055	0.01	WKL	
MO-OJA	2020/21-4	Dry	5/13/2021 9:55:00 AM	5/23/2021 9:31:00 AM	Bentazon	n/a	<	0.46	µg/L	EPA 515.4	0.46	4	WKL	
MO-OJA	2020/21-4	Dry	5/13/2021 9:55:00 AM	6/5/2021 8:18:00 AM	beta-BHC	n/a	<	0.0075	µg/L	EPA 608.3	0.0075	0.025	WKL	
MO-OJA	2020/21-4	Dry	5/13/2021 9:55:00 AM	5/20/2021 8:07:00 PM	Bolstar	n/a	<	0.0046	µg/L	EPA 625.1m	0.0046	0.01	WKL	
MO-OJA	2020/21-4	Dry	5/13/2021 9:55:00 AM	6/4/2021 9:50:00 PM	Bromacil	n/a	<	0.16	µg/L	EPA 525.2	0.16	0.5	WKL	
MO-OJA	2020/21-4	Dry	5/13/2021 9:55:00 AM	6/4/2021 9:50:00 PM	Butachlor	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1	WKL	
MO-OJA	2020/21-4	Dry	5/13/2021 9:55:00 AM	6/4/2021 9:50:00 PM	Captan	n/a	<	0.16	µg/L	EPA 525.2	0.16	1	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-OJA	2020/21-4	Dry	5/13/2021 9:55:00 AM	6/5/2021 8:18:00 AM	Chlordane (technical)	n/a	<	0.5	µg/L	EPA 608.3	0.5	0.5	WKL	
MO-OJA	2020/21-4	Dry	5/13/2021 9:55:00 AM	6/4/2021 9:50:00 PM	Chlorpropham	n/a	<	0.04	µg/L	EPA 525.2	0.04	0.1	WKL	
MO-OJA	2020/21-4	Dry	5/13/2021 9:55:00 AM	5/20/2021 8:07:00 PM	Chlorpyrifos	n/a	<	0.0069	µg/L	EPA 625.1m	0.0069	0.01	WKL	
MO-OJA	2020/21-4	Dry	5/13/2021 9:55:00 AM	5/20/2021 8:07:00 PM	Coumaphos	n/a	<	0.0051	µg/L	EPA 625.1m	0.0051	0.01	WKL	
MO-OJA	2020/21-4	Dry	5/13/2021 9:55:00 AM	6/4/2021 9:50:00 PM	Cyanazine	n/a	<	0.04	µg/L	EPA 525.2	0.04	0.1	WKL	
MO-OJA	2020/21-4	Dry	5/13/2021 9:55:00 AM	5/23/2021 9:31:00 AM	Dalapon	n/a	DNQ	0.74	µg/L	EPA 515.4	0.22	0.8	WKL	
MO-OJA	2020/21-4	Dry	5/13/2021 9:55:00 AM	5/23/2021 9:31:00 AM	DCPA (Dacthal)	n/a	<	0.11	µg/L	EPA 515.4	0.11	0.2	WKL	
MO-OJA	2020/21-4	Dry	5/13/2021 9:55:00 AM	6/5/2021 8:18:00 AM	delta-BHC	n/a	<	0.0095	µg/L	EPA 608.3	0.0095	0.025	WKL	
MO-OJA	2020/21-4	Dry	5/13/2021 9:55:00 AM	5/20/2021 8:07:00 PM	Demeton-O	n/a	<	0.01	µg/L	EPA 625.1m	0.01	0.01	WKL	
MO-OJA	2020/21-4	Dry	5/13/2021 9:55:00 AM	5/20/2021 8:07:00 PM	Demeton-S	n/a	<	0.01	µg/L	EPA 625.1m	0.01	0.01	WKL	
MO-OJA	2020/21-4	Dry	5/13/2021 9:55:00 AM	6/4/2021 9:50:00 PM	Diazinon	n/a	<	0.05	µg/L	EPA 525.2	0.05	0.1	WKL	
MO-OJA	2020/21-4	Dry	5/13/2021 9:55:00 AM	5/20/2021 8:07:00 PM	Diazinon	n/a	<	0.0052	µg/L	EPA 625.1m	0.0052	0.01	WKL	
MO-OJA	2020/21-4	Dry	5/13/2021 9:55:00 AM	5/23/2021 9:31:00 AM	Dicamba	n/a	<	0.15	µg/L	EPA 515.4	0.15	1.2	WKL	
MO-OJA	2020/21-4	Dry	5/13/2021 9:55:00 AM	5/23/2021 9:31:00 AM	Dichlorprop	n/a	<	0.24	µg/L	EPA 515.4	0.24	0.6	WKL	
MO-OJA	2020/21-4	Dry	5/13/2021 9:55:00 AM	5/20/2021 8:07:00 PM	Dichlorvos	n/a	<	0.0029	µg/L	EPA 625.1m	0.0029	0.01	WKL	
MO-OJA	2020/21-4	Dry	5/13/2021 9:55:00 AM	6/5/2021 8:18:00 AM	Dieldrin	n/a	<	0.004	µg/L	EPA 608.3	0.004	0.05	WKL	
MO-OJA	2020/21-4	Dry	5/13/2021 9:55:00 AM	6/4/2021 9:50:00 PM	Dimethoate	n/a	<	0.02	µg/L	EPA 525.2	0.02	0.2	WKL	
MO-OJA	2020/21-4	Dry	5/13/2021 9:55:00 AM	5/20/2021 8:07:00 PM	Dimethoate	n/a	<	0.0062	µg/L	EPA 625.1m	0.0062	0.01	WKL	
MO-OJA	2020/21-4	Dry	5/13/2021 9:55:00 AM	5/23/2021 9:31:00 AM	Dinoseb	n/a	<	0.11	µg/L	EPA 515.4	0.11	0.8	WKL	
MO-OJA	2020/21-4	Dry	5/13/2021 9:55:00 AM	6/4/2021 9:50:00 PM	Diphenamid	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1	WKL	
MO-OJA	2020/21-4	Dry	5/13/2021 9:55:00 AM	6/4/2021 9:50:00 PM	Disulfoton	n/a	<	0.04	µg/L	EPA 525.2	0.04	0.1	WKL	
MO-OJA	2020/21-4	Dry	5/13/2021 9:55:00 AM	5/20/2021 8:07:00 PM	Disulfoton	n/a	<	0.01	µg/L	EPA 625.1m	0.01	0.01	WKL	
MO-OJA	2020/21-4	Dry	5/13/2021 9:55:00 AM	6/5/2021 8:18:00 AM	Endosulfan I	n/a	<	0.0045	µg/L	EPA 608.3	0.0045	0.1	WKL	
MO-OJA	2020/21-4	Dry	5/13/2021 9:55:00 AM	6/5/2021 8:18:00 AM	Endosulfan II	n/a	<	0.0035	µg/L	EPA 608.3	0.0035	0.05	WKL	
MO-OJA	2020/21-4	Dry	5/13/2021 9:55:00 AM	6/5/2021 8:18:00 AM	Endosulfan sulfate	n/a	<	0.0065	µg/L	EPA 608.3	0.0065	0.25	WKL	
MO-OJA	2020/21-4	Dry	5/13/2021 9:55:00 AM	6/5/2021 8:18:00 AM	Endrin	n/a	<	0.0085	µg/L	EPA 608.3	0.0085	0.05	WKL	
MO-OJA	2020/21-4	Dry	5/13/2021 9:55:00 AM	6/5/2021 8:18:00 AM	Endrin aldehyde	n/a	<	0.0095	µg/L	EPA 608.3	0.0095	0.05	WKL	
MO-OJA	2020/21-4	Dry	5/13/2021 9:55:00 AM	6/4/2021 9:50:00 PM	EPTC	n/a	<	0.02	µg/L	EPA 525.2	0.02	0.1	WKL	
MO-OJA	2020/21-4	Dry	5/13/2021 9:55:00 AM	5/20/2021 8:07:00 PM	Ethoprop	n/a	<	0.0067	µg/L	EPA 625.1m	0.0067	0.01	WKL	
MO-OJA	2020/21-4	Dry	5/13/2021 9:55:00 AM	5/20/2021 8:07:00 PM	Ethyl parathion	n/a	<	0.0054	µg/L	EPA 625.1m	0.0054	0.01	WKL	
MO-OJA	2020/21-4	Dry	5/13/2021 9:55:00 AM	5/20/2021 8:07:00 PM	Fensulfothion	n/a	<	0.0029	µg/L	EPA 625.1m	0.0029	0.01	WKL	
MO-OJA	2020/21-4	Dry	5/13/2021 9:55:00 AM	5/20/2021 8:07:00 PM	Fenthion	n/a	<	0.0038	µg/L	EPA 625.1m	0.0038	0.01	WKL	
MO-OJA	2020/21-4	Dry	5/13/2021 9:55:00 AM	6/5/2021 8:18:00 AM	gamma-BHC (Lindane)	n/a	<	0.002	µg/L	EPA 608.3	0.002	0.1	WKL	
MO-OJA	2020/21-4	Dry	5/13/2021 9:55:00 AM	6/5/2021 8:18:00 AM	gamma-Chlordane	n/a	<	0.012	µg/L	EPA 608.3	0.012	0.05	WKL	
MO-OJA	2020/21-4	Dry	5/13/2021 9:55:00 AM	5/14/2021 5:00:00 AM	Glyphosate	n/a	<	1.8	µg/L	EPA 547	1.8	5	WKL	
MO-OJA	2020/21-4	Dry	5/13/2021 9:55:00 AM	6/5/2021 8:18:00 AM	Heptachlor	n/a	<	0.003	µg/L	EPA 608.3	0.003	0.05	WKL	
MO-OJA	2020/21-4	Dry	5/13/2021 9:55:00 AM	6/5/2021 8:18:00 AM	Heptachlor epoxide	n/a	<	0.002	µg/L	EPA 608.3	0.002	0.05	WKL	
MO-OJA	2020/21-4	Dry	5/13/2021 9:55:00 AM	5/20/2021 8:07:00 PM	Malathion	n/a	<	0.0076	µg/L	EPA 625.1m	0.0076	0.01	WKL	
MO-OJA	2020/21-4	Dry	5/13/2021 9:55:00 AM	5/20/2021 8:07:00 PM	Merphos	n/a	<	0.0058	µg/L	EPA 625.1m	0.0058	0.01	WKL	
MO-OJA	2020/21-4	Dry	5/13/2021 9:55:00 AM	5/20/2021 8:07:00 PM	Methyl parathion	n/a	<	0.0063	µg/L	EPA 625.1m	0.0063	0.01	WKL	
MO-OJA	2020/21-4	Dry	5/13/2021 9:55:00 AM	6/4/2021 9:50:00 PM	Metolachlor	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1	WKL	
MO-OJA	2020/21-4	Dry	5/13/2021 9:55:00 AM	6/4/2021 9:50:00 PM	Metribuzin	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1	WKL	
MO-OJA	2020/21-4	Dry	5/13/2021 9:55:00 AM	5/20/2021 8:07:00 PM	Mevinphos	n/a	<	0.0042	µg/L	EPA 625.1m	0.0042	0.01	WKL	
MO-OJA	2020/21-4	Dry	5/13/2021 9:55:00 AM	6/4/2021 9:50:00 PM	Molinate	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1	WKL	
MO-OJA	2020/21-4	Dry	5/13/2021 9:55:00 AM	5/20/2021 8:07:00 PM	Naled	n/a	<	0.0076	µg/L	EPA 625.1m	0.0076	0.01	WKL	
MO-OJA	2020/21-4	Dry	5/13/2021 9:55:00 AM	6/3/2021 4:00:00 PM	Pentachlorophenol	n/a	<	0.15	µg/L	EPA 8270C	0.15	1	WKL	
MO-OJA	2020/21-4	Dry	5/13/2021 9:55:00 AM	5/25/2021 3:45:00 PM	Pentachlorophenol	n/a	DNQ	0.41	µg/L	EPA 625.1	0.4	1	WKL	
MO-OJA	2020/21-4	Dry	5/13/2021 9:55:00 AM	5/23/2021 9:31:00 AM	Pentachlorophenol	n/a	<	0.092	µg/L	EPA 515.4	0.092	0.4	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-OJA	2020/21-4	Dry	5/13/2021 9:55:00 AM	5/20/2021 8:07:00 PM	Phorate	n/a	<	0.003	µg/L	EPA 625.1m	0.003	0.01	WKL	
MO-OJA	2020/21-4	Dry	5/13/2021 9:55:00 AM	5/23/2021 9:31:00 AM	Picloram	n/a	<	0.076	µg/L	EPA 515.4	0.076	1.2	WKL	
MO-OJA	2020/21-4	Dry	5/13/2021 9:55:00 AM	6/4/2021 9:50:00 PM	Prometon	n/a	<	0.01	µg/L	EPA 525.2	0.01	0.1	WKL	
MO-OJA	2020/21-4	Dry	5/13/2021 9:55:00 AM	6/4/2021 9:50:00 PM	Prometryn	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1	WKL	
MO-OJA	2020/21-4	Dry	5/13/2021 9:55:00 AM	5/20/2021 8:07:00 PM	Ronnel (Fenchlorphos)	n/a	<	0.0041	µg/L	EPA 625.1m	0.0041	0.01	WKL	
MO-OJA	2020/21-4	Dry	5/13/2021 9:55:00 AM	6/4/2021 9:50:00 PM	Simazine	n/a	<	0.02	µg/L	EPA 525.2	0.02	0.1	WKL	
MO-OJA	2020/21-4	Dry	5/13/2021 9:55:00 AM	5/20/2021 8:07:00 PM	Stirophos (Tetrachlorvinphos)	n/a	<	0.0031	µg/L	EPA 625.1m	0.0031	0.01	WKL	
MO-OJA	2020/21-4	Dry	5/13/2021 9:55:00 AM	6/4/2021 9:50:00 PM	Terbacil	n/a	<	0.09	µg/L	EPA 525.2	0.09	2	WKL	
MO-OJA	2020/21-4	Dry	5/13/2021 9:55:00 AM	6/4/2021 9:50:00 PM	Thiobencarb	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1	WKL	
MO-OJA	2020/21-4	Dry	5/13/2021 9:55:00 AM	5/20/2021 8:07:00 PM	Tokuthion	n/a	<	0.0078	µg/L	EPA 625.1m	0.0078	0.01	WKL	
MO-OJA	2020/21-4	Dry	5/13/2021 9:55:00 AM	6/5/2021 8:18:00 AM	Toxaphene	n/a	<	5	µg/L	EPA 608.3	5	5	WKL	
MO-OJA	2020/21-4	Dry	5/13/2021 9:55:00 AM	5/20/2021 8:07:00 PM	Trichloronate	n/a	<	0.0067	µg/L	EPA 625.1m	0.0067	0.01	WKL	
MO-OJA	2020/21-4	Dry	5/13/2021 9:55:00 AM	6/4/2021 9:50:00 PM	Trithion	n/a	<	0.02	µg/L	EPA 525.2	0.02	0.1	WCLA	
MO-OXN	2020/21-1	Wet	12/28/2020 6:50:00 AM	12/29/2020 11:50:00 AM	E. Coli	n/a	=	6488	MPN/100 mL	MMO-MUG	10	10	VCHCA	
MO-OXN	2020/21-1	Wet	12/28/2020 6:50:00 AM	12/29/2020 11:50:00 AM	Total Coliform	n/a	=	613100	MPN/100 mL	MMO-MUG	1000	1000	VCHCA	
MO-OXN	2020/21-1	Wet	12/28/2020 6:50:00 AM	12/28/2020 6:50:00 AM	Conductivity	n/a	=	160.2	µmhos/cm	Field Meter	-88	1	Field Crew	
MO-OXN	2020/21-1	Wet	12/28/2020 6:50:00 AM	1/5/2021 2:52:00 PM	Cyanide	Total	=	0.006	mg/L	ASTM D7511	0.0003	0.002	WKL	
MO-OXN	2020/21-1	Wet	12/28/2020 6:50:00 AM	12/28/2020 6:50:00 AM	DO	n/a	=	9.68	mg/L	Field Meter	-88	0.3	Field Crew	
MO-OXN	2020/21-1	Wet	12/28/2020 6:50:00 AM	12/28/2020 6:50:00 AM	DO	n/a	=	88.4	%	Field Meter	-88	0.1	Field Crew	
MO-OXN	2020/21-1	Wet	12/28/2020 6:50:00 AM	12/28/2020 6:50:00 AM	pH	n/a	=	7.6	pH Units	Field Meter	-88	0.01	Field Crew	
MO-OXN	2020/21-1	Wet	12/28/2020 6:50:00 AM	12/28/2020 6:50:00 AM	Salinity	n/a	=	100	mg/L	Field Meter	-88	100	Field Crew	
MO-OXN	2020/21-1	Wet	12/28/2020 6:50:00 AM	12/28/2020 6:50:00 AM	Specific Conductance	n/a	=	218.3	µmhos/cm	Field Meter	-88	1	Field Crew	
MO-OXN	2020/21-1	Wet	12/28/2020 6:50:00 AM	12/28/2020 6:50:00 AM	Temperature	n/a	=	10.9	°C	Field Meter	-88	0.1	Field Crew	
MO-OXN	2020/21-1	Wet	12/28/2020 6:50:00 AM	1/3/2021 8:49:00 PM	Gasoline Range Organics	n/a	<	0.065	mg/L	LUFT GC/MS	0.065	0.1	WKL	
MO-OXN	2020/21-1	Wet	12/28/2020 6:50:00 AM	1/8/2021 6:25:00 PM	Oil and Grease	n/a	DNQ	0.8	mg/L	EPA 1664B	0.7	5	WKL	
MO-OXN	2020/21-1	Wet	12/28/2020 6:50:00 AM	12/29/2020 5:11:00 PM	2-Chloroethyl vinyl ether	n/a	<	0.19	µg/L	EPA 624.1	0.19	1	WKL	
MO-OXN	2020/21-1	Wet	12/28/2020 6:50:00 AM	12/29/2020 5:11:00 PM	Methyl tert-butyl ether (MTBE)	n/a	<	0.4	µg/L	EPA 624.1	0.4	1	WKL	
MO-OXN	2020/21-1	Wet	12/28/2020 12:42:00 PM	12/30/2020 5:45:00 AM	Chloride	n/a	=	20	mg/L	EPA 300.0	0.085	0.5	WKL	
MO-OXN	2020/21-1	Wet	12/28/2020 12:42:00 PM	12/30/2020 5:45:00 AM	Fluoride	n/a	=	0.27	mg/L	EPA 300.0	0.009	0.1	WKL	
MO-OXN	2020/21-1	Wet	12/28/2020 12:42:00 PM	12/31/2020 2:05:00 AM	Perchlorate	n/a	=	5.9	µg/L	EPA 314.0	0.84	2	WKL	
MO-OXN	2020/21-1	Wet	12/28/2020 12:42:00 PM	1/5/2021 6:50:00 PM	Calcium	Total	=	23.2	mg/L	EPA 200.7	0.016	0.1	WKL	
MO-OXN	2020/21-1	Wet	12/28/2020 12:42:00 PM	1/5/2021 6:50:00 PM	Magnesium	Total	=	6.7	mg/L	EPA 200.7	0.012	0.1	WKL	
MO-OXN	2020/21-1	Wet	12/28/2020 12:42:00 PM	1/4/2021 1:36:00 PM	Alkalinity as CaCO3	n/a	=	49	mg/L	SM 2320 B	0.56	5	WKL	
MO-OXN	2020/21-1	Wet	12/28/2020 12:42:00 PM	1/3/2021 12:38:00 PM	BOD	n/a	=	40	mg/L	SM 5210 B	2	2	WKL	
MO-OXN	2020/21-1	Wet	12/28/2020 12:42:00 PM	12/30/2020 12:31:00 PM	COD	n/a	=	250	mg/L	EPA 410.4	2.9	5	WKL	
MO-OXN	2020/21-1	Wet	12/28/2020 12:42:00 PM	1/5/2021 6:50:00 PM	Hardness as CaCO3	Total	=	85.5	mg/L	EPA 200.7	0.0894	0.662	WKL	
MO-OXN	2020/21-1	Wet	12/28/2020 12:42:00 PM	12/29/2020 3:24:00 PM	MBAS	n/a	=	0.24	mg/L	SM 5540 C	0.017	0.05	WKL	
MO-OXN	2020/21-1	Wet	12/28/2020 12:42:00 PM	1/8/2021 11:45:00 AM	Phenolics	n/a	=	0.021	mg/L	EPA 420.4	0.0032	0.01	WKL	
MO-OXN	2020/21-1	Wet	12/28/2020 12:42:00 PM	1/5/2021 12:56:00 PM	Specific Conductance	n/a	=	250	µmhos/cm	SM 2510 B	0.23	2	WKL	
MO-OXN	2020/21-1	Wet	12/28/2020 12:42:00 PM	12/30/2020 6:44:00 PM	Total Dissolved Solids	n/a	=	190	mg/L	SM 2540 C	4	10	WKL	
MO-OXN	2020/21-1	Wet	12/28/2020 12:42:00 PM	12/30/2020 2:24:00 PM	Total Organic Carbon	n/a	=	48	mg/L	SM 5310 B	0.096	0.3	WKL	
MO-OXN	2020/21-1	Wet	12/28/2020 12:42:00 PM	12/30/2020 12:43:00 PM	Total Suspended Solids	n/a	=	410	mg/L	SM 2540 D	-88	5	WKL	
MO-OXN	2020/21-1	Wet	12/28/2020 12:42:00 PM	12/29/2020 3:38:00 PM	Turbidity	n/a	=	33	NTU	EPA 180.1	0.017	0.1	WKL	
MO-OXN	2020/21-1	Wet	12/28/2020 12:42:00 PM	12/30/2020 12:43:00 PM	Volatile Suspended Solids	n/a	=	100	mg/L	EPA 160.4	3.1	5	WKL	
MO-OXN	2020/21-1	Wet	12/28/2020 12:42:00 PM	1/12/2021 1:49:00 AM	Diesel Range Organics	n/a	=	0.11	mg/L	EPA 8015B	0.032	0.1	WKL	UL-MB
MO-OXN	2020/21-1	Wet	12/28/2020 12:42:00 PM	1/12/2021 1:49:00 AM	Oil Range Organics	n/a	<	0.33	mg/L	EPA 8015B	0.33	0.5	WKL	
MO-OXN	2020/21-1	Wet	12/28/2020 12:42:00 PM	1/4/2021 1:54:00 PM	Aluminum	Dissolved	=	45	µg/L	EPA 200.8	4.4	20	WKL	
MO-OXN	2020/21-1	Wet	12/28/2020 12:42:00 PM	1/4/2021 1:57:00 PM	Aluminum	Total	=	5500	µg/L	EPA 200.8	4.4	20	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-OXN	2020/21-1	Wet	12/28/2020 12:42:00 PM	1/4/2021 1:54:00 PM	Antimony	Dissolved	=	1.2	µg/L	EPA 200.8	0.089	0.5	WKL	
MO-OXN	2020/21-1	Wet	12/28/2020 12:42:00 PM	1/4/2021 1:57:00 PM	Antimony	Total	=	3.7	µg/L	EPA 200.8	0.089	0.5	WKL	
MO-OXN	2020/21-1	Wet	12/28/2020 12:42:00 PM	1/4/2021 1:54:00 PM	Arsenic	Dissolved	=	1.1	µg/L	EPA 200.8	0.074	0.4	WKL	
MO-OXN	2020/21-1	Wet	12/28/2020 12:42:00 PM	1/4/2021 1:57:00 PM	Arsenic	Total	=	4	µg/L	EPA 200.8	0.074	0.4	WKL	
MO-OXN	2020/21-1	Wet	12/28/2020 12:42:00 PM	1/4/2021 1:57:00 PM	Barium	Total	=	130	µg/L	EPA 200.8	0.14	1	WKL	
MO-OXN	2020/21-1	Wet	12/28/2020 12:42:00 PM	1/4/2021 1:54:00 PM	Beryllium	Dissolved	<	0.062	µg/L	EPA 200.8	0.062	0.1	WKL	
MO-OXN	2020/21-1	Wet	12/28/2020 12:42:00 PM	1/4/2021 1:57:00 PM	Beryllium	Total	=	0.31	µg/L	EPA 200.8	0.062	0.1	WKL	
MO-OXN	2020/21-1	Wet	12/28/2020 12:42:00 PM	1/4/2021 1:54:00 PM	Cadmium	Dissolved	DNQ	0.089	µg/L	EPA 200.8	0.042	0.2	WKL	
MO-OXN	2020/21-1	Wet	12/28/2020 12:42:00 PM	1/4/2021 1:57:00 PM	Cadmium	Total	=	0.78	µg/L	EPA 200.8	0.042	0.2	WKL	
MO-OXN	2020/21-1	Wet	12/28/2020 12:42:00 PM	1/4/2021 1:54:00 PM	Chromium	Dissolved	=	1.2	µg/L	EPA 200.8	0.089	0.2	WKL	
MO-OXN	2020/21-1	Wet	12/28/2020 12:42:00 PM	1/4/2021 1:57:00 PM	Chromium	Total	=	14	µg/L	EPA 200.8	0.089	0.2	WKL	
MO-OXN	2020/21-1	Wet	12/28/2020 12:42:00 PM	12/30/2020 5:31:00 PM	Chromium VI	n/a	=	0.42	µg/L	EPA 218.6	0.0079	0.02	WKL	
MO-OXN	2020/21-1	Wet	12/28/2020 12:42:00 PM	1/4/2021 1:54:00 PM	Copper	Dissolved	=	16	µg/L	EPA 200.8	0.23	0.5	WKL	
MO-OXN	2020/21-1	Wet	12/28/2020 12:42:00 PM	1/4/2021 1:57:00 PM	Copper	Total	=	68	µg/L	EPA 200.8	0.23	0.5	WKL	
MO-OXN	2020/21-1	Wet	12/28/2020 12:42:00 PM	1/4/2021 1:54:00 PM	Iron	Dissolved	=	130	µg/L	EPA 200.8	3.9	20	WKL	
MO-OXN	2020/21-1	Wet	12/28/2020 12:42:00 PM	1/4/2021 1:57:00 PM	Iron	Total	=	9500	µg/L	EPA 200.8	3.9	20	WKL	
MO-OXN	2020/21-1	Wet	12/28/2020 12:42:00 PM	1/4/2021 1:54:00 PM	Lead	Dissolved	=	0.65	µg/L	EPA 200.8	0.083	0.2	WKL	
MO-OXN	2020/21-1	Wet	12/28/2020 12:42:00 PM	1/4/2021 1:57:00 PM	Lead	Total	=	21	µg/L	EPA 200.8	0.083	0.2	WKL	
MO-OXN	2020/21-1	Wet	12/28/2020 12:42:00 PM	1/7/2021 1:43:00 PM	Mercury	Dissolved	<	17	ng/L	EPA 245.1	17	50	WKL	
MO-OXN	2020/21-1	Wet	12/28/2020 12:42:00 PM	1/7/2021 1:45:00 PM	Mercury	Total	DNQ	32	ng/L	EPA 245.1	17	50	WKL	
MO-OXN	2020/21-1	Wet	12/28/2020 12:42:00 PM	1/4/2021 1:54:00 PM	Nickel	Dissolved	=	6.8	µg/L	EPA 200.8	0.16	2	WKL	
MO-OXN	2020/21-1	Wet	12/28/2020 12:42:00 PM	1/4/2021 1:57:00 PM	Nickel	Total	=	20	µg/L	EPA 200.8	0.16	2	WKL	
MO-OXN	2020/21-1	Wet	12/28/2020 12:42:00 PM	1/4/2021 1:54:00 PM	Selenium	Dissolved	=	0.58	µg/L	EPA 200.8	0.067	0.4	WKL	
MO-OXN	2020/21-1	Wet	12/28/2020 12:42:00 PM	1/4/2021 1:57:00 PM	Selenium	Total	=	0.93	µg/L	EPA 200.8	0.067	0.4	WKL	
MO-OXN	2020/21-1	Wet	12/28/2020 12:42:00 PM	1/4/2021 1:54:00 PM	Silver	Dissolved	<	0.03	µg/L	EPA 200.8	0.03	0.2	WKL	
MO-OXN	2020/21-1	Wet	12/28/2020 12:42:00 PM	1/4/2021 1:57:00 PM	Silver	Total	DNQ	0.13	µg/L	EPA 200.8	0.03	0.2	WKL	
MO-OXN	2020/21-1	Wet	12/28/2020 12:42:00 PM	1/4/2021 1:54:00 PM	Thallium	Dissolved	<	0.021	µg/L	EPA 200.8	0.021	0.2	WKL	
MO-OXN	2020/21-1	Wet	12/28/2020 12:42:00 PM	1/4/2021 1:57:00 PM	Thallium	Total	DNQ	0.11	µg/L	EPA 200.8	0.021	0.2	WKL	
MO-OXN	2020/21-1	Wet	12/28/2020 12:42:00 PM	1/4/2021 1:54:00 PM	Zinc	Dissolved	=	110	µg/L	EPA 200.8	0.8	10	WKL	
MO-OXN	2020/21-1	Wet	12/28/2020 12:42:00 PM	1/4/2021 1:57:00 PM	Zinc	Total	=	460	µg/L	EPA 200.8	0.8	10	WKL	
MO-OXN	2020/21-1	Wet	12/28/2020 12:42:00 PM	12/29/2020 6:19:00 PM	Ammonia as N	n/a	=	1.1	mg/L	EPA 350.1	0.047	0.1	WKL	
MO-OXN	2020/21-1	Wet	12/28/2020 12:42:00 PM	12/29/2020 12:54:00 PM	Nitrate + Nitrite as N	n/a	=	1.4	mg/L	EPA 353.2	0.036	0.2	WKL	
MO-OXN	2020/21-1	Wet	12/28/2020 12:42:00 PM	1/5/2021 6:47:00 PM	Phosphorus as P	Dissolved	=	0.37	mg/L	EPA 200.7	0.012	0.02	WKL	
MO-OXN	2020/21-1	Wet	12/28/2020 12:42:00 PM	1/5/2021 6:50:00 PM	Phosphorus as P	Total	=	1.1	mg/L	EPA 200.7	0.012	0.02	WKL	
MO-OXN	2020/21-1	Wet	12/28/2020 12:42:00 PM	12/31/2020 12:54:00 PM	TKN	n/a	=	5.6	mg/L	EPA 351.2	0.13	0.2	WKL	
MO-OXN	2020/21-1	Wet	12/28/2020 12:42:00 PM	2/3/2021 1:29:00 AM	1,2,4-Trichlorobenzene	n/a	<	4.9	µg/L	EPA 625.1	4.9	10	WKL	
MO-OXN	2020/21-1	Wet	12/28/2020 12:42:00 PM	2/3/2021 1:29:00 AM	1,2-Dichlorobenzene	n/a	<	4.6	µg/L	EPA 625.1	4.6	10	WKL	
MO-OXN	2020/21-1	Wet	12/28/2020 12:42:00 PM	2/3/2021 1:29:00 AM	1,2-Diphenylhydrazine	n/a	<	3	µg/L	EPA 625.1	3	10	WKL	
MO-OXN	2020/21-1	Wet	12/28/2020 12:42:00 PM	2/3/2021 1:29:00 AM	1,3-Dichlorobenzene	n/a	<	4.2	µg/L	EPA 625.1	4.2	10	WKL	
MO-OXN	2020/21-1	Wet	12/28/2020 12:42:00 PM	2/3/2021 1:29:00 AM	1,4-Dichlorobenzene	n/a	<	4.8	µg/L	EPA 625.1	4.8	10	WKL	
MO-OXN	2020/21-1	Wet	12/28/2020 12:42:00 PM	1/31/2021 12:36:00 AM	1-Methylnaphthalene	n/a	<	0.24	µg/L	EPA 8270C	0.24	1	WKL	
MO-OXN	2020/21-1	Wet	12/28/2020 12:42:00 PM	2/2/2021 5:34:00 AM	2,4,5-Trichlorophenol	n/a	<	2.9	µg/L	EPA 8270C	2.9	10	WKL	
MO-OXN	2020/21-1	Wet	12/28/2020 12:42:00 PM	2/3/2021 1:29:00 AM	2,4,6-Trichlorophenol	n/a	<	2.2	µg/L	EPA 625.1	2.2	10	WKL	
MO-OXN	2020/21-1	Wet	12/28/2020 12:42:00 PM	2/2/2021 5:34:00 AM	2,4,6-Trichlorophenol	n/a	<	3	µg/L	EPA 8270C	3	10	WKL	
MO-OXN	2020/21-1	Wet	12/28/2020 12:42:00 PM	2/2/2021 5:34:00 AM	2,4-Dichlorophenol	n/a	<	5.1	µg/L	EPA 8270C	5.1	10	WKL	
MO-OXN	2020/21-1	Wet	12/28/2020 12:42:00 PM	2/3/2021 1:29:00 AM	2,4-Dichlorophenol	n/a	<	2.6	µg/L	EPA 625.1	2.6	10	WKL	
MO-OXN	2020/21-1	Wet	12/28/2020 12:42:00 PM	2/2/2021 5:34:00 AM	2,4-Dimethylphenol	n/a	<	10	µg/L	EPA 8270C	10	20	WKL	LB-LCSR
MO-OXN	2020/21-1	Wet	12/28/2020 12:42:00 PM	2/3/2021 1:29:00 AM	2,4-Dimethylphenol	n/a	<	3	µg/L	EPA 625.1	3	10	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-OXN	2020/21-1	Wet	12/28/2020 12:42:00 PM	2/3/2021 1:29:00 AM	2,4-Dinitrophenol	n/a	<	19	µg/L	EPA 625.1	19	100	WKL	
MO-OXN	2020/21-1	Wet	12/28/2020 12:42:00 PM	2/2/2021 5:34:00 AM	2,4-Dinitrophenol	n/a	<	10	µg/L	EPA 8270C	10	20	WKL	
MO-OXN	2020/21-1	Wet	12/28/2020 12:42:00 PM	2/3/2021 1:29:00 AM	2,4-Dinitrotoluene	n/a	<	1.8	µg/L	EPA 625.1	1.8	10	WKL	
MO-OXN	2020/21-1	Wet	12/28/2020 12:42:00 PM	2/3/2021 1:29:00 AM	2,6-Dinitrotoluene	n/a	<	2.7	µg/L	EPA 625.1	2.7	10	WKL	
MO-OXN	2020/21-1	Wet	12/28/2020 12:42:00 PM	2/3/2021 1:29:00 AM	2-Chloronaphthalene	n/a	<	4.5	µg/L	EPA 625.1	4.5	10	WKL	
MO-OXN	2020/21-1	Wet	12/28/2020 12:42:00 PM	2/3/2021 1:29:00 AM	2-Chlorophenol	n/a	<	2.8	µg/L	EPA 625.1	2.8	10	WKL	
MO-OXN	2020/21-1	Wet	12/28/2020 12:42:00 PM	2/2/2021 5:34:00 AM	2-Chlorophenol	n/a	<	6.5	µg/L	EPA 8270C	6.5	10	WKL	
MO-OXN	2020/21-1	Wet	12/28/2020 12:42:00 PM	1/31/2021 12:36:00 AM	2-Methylnaphthalene	n/a	<	0.26	µg/L	EPA 8270C	0.26	1	WKL	
MO-OXN	2020/21-1	Wet	12/28/2020 12:42:00 PM	2/2/2021 5:34:00 AM	2-Methylphenol	n/a	<	3.4	µg/L	EPA 8270C	3.4	10	WKL	
MO-OXN	2020/21-1	Wet	12/28/2020 12:42:00 PM	2/3/2021 1:29:00 AM	2-Nitrophenol	n/a	<	2.6	µg/L	EPA 625.1	2.6	10	WKL	
MO-OXN	2020/21-1	Wet	12/28/2020 12:42:00 PM	2/2/2021 5:34:00 AM	2-Nitrophenol	n/a	<	7.1	µg/L	EPA 8270C	7.1	10	WKL	
MO-OXN	2020/21-1	Wet	12/28/2020 12:42:00 PM	2/3/2021 1:29:00 AM	3,3'-Dichlorobenzidine	n/a	<	9.9	µg/L	EPA 625.1	9.9	50	WKL	
MO-OXN	2020/21-1	Wet	12/28/2020 12:42:00 PM	2/2/2021 5:34:00 AM	3-/4-Methylphenol	n/a	<	3	µg/L	EPA 8270C	3	10	WKL	
MO-OXN	2020/21-1	Wet	12/28/2020 12:42:00 PM	2/2/2021 5:34:00 AM	4,6-Dinitro-2-methylphenol	n/a	<	1.4	µg/L	EPA 8270C	1.4	10	WKL	
MO-OXN	2020/21-1	Wet	12/28/2020 12:42:00 PM	2/3/2021 1:29:00 AM	4,6-Dinitro-2-methylphenol	n/a	<	14	µg/L	EPA 625.1	14	50	WKL	
MO-OXN	2020/21-1	Wet	12/28/2020 12:42:00 PM	2/3/2021 1:29:00 AM	4-Bromophenyl phenyl ether	n/a	<	3.6	µg/L	EPA 625.1	3.6	10	WKL	
MO-OXN	2020/21-1	Wet	12/28/2020 12:42:00 PM	2/2/2021 5:34:00 AM	4-Chloro-3-methylphenol	n/a	<	3.7	µg/L	EPA 8270C	3.7	10	WKL	
MO-OXN	2020/21-1	Wet	12/28/2020 12:42:00 PM	2/3/2021 1:29:00 AM	4-Chloro-3-methylphenol	n/a	<	2.3	µg/L	EPA 625.1	2.3	10	WKL	
MO-OXN	2020/21-1	Wet	12/28/2020 12:42:00 PM	2/3/2021 1:29:00 AM	4-Chlorophenyl phenyl ether	n/a	<	4.1	µg/L	EPA 625.1	4.1	10	WKL	
MO-OXN	2020/21-1	Wet	12/28/2020 12:42:00 PM	2/2/2021 5:34:00 AM	4-Nitrophenol	n/a	<	10	µg/L	EPA 8270C	10	20	WKL	
MO-OXN	2020/21-1	Wet	12/28/2020 12:42:00 PM	2/3/2021 1:29:00 AM	4-Nitrophenol	n/a	<	12	µg/L	EPA 625.1	12	50	WKL	
MO-OXN	2020/21-1	Wet	12/28/2020 12:42:00 PM	1/31/2021 12:36:00 AM	Acenaphthene	n/a	<	0.28	µg/L	EPA 8270C	0.28	1	WKL	
MO-OXN	2020/21-1	Wet	12/28/2020 12:42:00 PM	2/3/2021 1:29:00 AM	Acenaphthene	n/a	<	3.8	µg/L	EPA 625.1	3.8	10	WKL	
MO-OXN	2020/21-1	Wet	12/28/2020 12:42:00 PM	1/31/2021 12:36:00 AM	Acenaphthylene	n/a	<	0.33	µg/L	EPA 8270C	0.33	1	WKL	
MO-OXN	2020/21-1	Wet	12/28/2020 12:42:00 PM	2/3/2021 1:29:00 AM	Acenaphthylene	n/a	<	1.7	µg/L	EPA 625.1	1.7	10	WKL	
MO-OXN	2020/21-1	Wet	12/28/2020 12:42:00 PM	1/31/2021 12:36:00 AM	Anthracene	n/a	<	0.25	µg/L	EPA 8270C	0.25	1	WKL	
MO-OXN	2020/21-1	Wet	12/28/2020 12:42:00 PM	2/3/2021 1:29:00 AM	Anthracene	n/a	<	1.2	µg/L	EPA 625.1	1.2	10	WKL	
MO-OXN	2020/21-1	Wet	12/28/2020 12:42:00 PM	2/3/2021 1:29:00 AM	Benzo(a)anthracene	n/a	<	1.9	µg/L	EPA 625.1	1.9	10	WKL	
MO-OXN	2020/21-1	Wet	12/28/2020 12:42:00 PM	1/31/2021 12:36:00 AM	Benzo(a)anthracene	n/a	<	0.51	µg/L	EPA 8270C	0.51	1	WKL	
MO-OXN	2020/21-1	Wet	12/28/2020 12:42:00 PM	2/3/2021 1:29:00 AM	Benzenzidine	n/a	<	14	µg/L	EPA 625.1	14	100	WKL	
MO-OXN	2020/21-1	Wet	12/28/2020 12:42:00 PM	2/3/2021 1:29:00 AM	Benzo(a)pyrene	n/a	<	3.9	µg/L	EPA 625.1	3.9	10	WKL	
MO-OXN	2020/21-1	Wet	12/28/2020 12:42:00 PM	1/22/2021 1:59:00 AM	Benzo(a)pyrene	n/a	<	0.4	µg/L	EPA 525.2	0.4	2	WKL	
MO-OXN	2020/21-1	Wet	12/28/2020 12:42:00 PM	1/31/2021 12:36:00 AM	Benzo(a)pyrene	n/a	DNQ	0.59	µg/L	EPA 8270C	0.51	1	WKL	
MO-OXN	2020/21-1	Wet	12/28/2020 12:42:00 PM	1/31/2021 12:36:00 AM	Benzo(b)fluoranthene	n/a	DNQ	0.55	µg/L	EPA 8270C	0.27	1	WKL	
MO-OXN	2020/21-1	Wet	12/28/2020 12:42:00 PM	2/3/2021 1:29:00 AM	Benzo(b)fluoranthene	n/a	<	4.6	µg/L	EPA 625.1	4.6	10	WKL	
MO-OXN	2020/21-1	Wet	12/28/2020 12:42:00 PM	1/31/2021 12:36:00 AM	Benzo(g,h,i)perylene	n/a	DNQ	0.76	µg/L	EPA 8270C	0.5	1	WKL	
MO-OXN	2020/21-1	Wet	12/28/2020 12:42:00 PM	2/3/2021 1:29:00 AM	Benzo(g,h,i)perylene	n/a	<	4.2	µg/L	EPA 625.1	4.2	20	WKL	
MO-OXN	2020/21-1	Wet	12/28/2020 12:42:00 PM	1/31/2021 12:36:00 AM	Benzo(k)fluoranthene	n/a	DNQ	0.57	µg/L	EPA 8270C	0.26	1	WKL	
MO-OXN	2020/21-1	Wet	12/28/2020 12:42:00 PM	2/3/2021 1:29:00 AM	Benzo(k)fluoranthene	n/a	<	2.2	µg/L	EPA 625.1	2.2	10	WKL	
MO-OXN	2020/21-1	Wet	12/28/2020 12:42:00 PM	2/3/2021 1:29:00 AM	Bis(2-chloroethoxy)methane	n/a	<	2.5	µg/L	EPA 625.1	2.5	10	WKL	
MO-OXN	2020/21-1	Wet	12/28/2020 12:42:00 PM	2/3/2021 1:29:00 AM	Bis(2-chloroethyl)ether	n/a	<	2.7	µg/L	EPA 625.1	2.7	10	WKL	
MO-OXN	2020/21-1	Wet	12/28/2020 12:42:00 PM	2/3/2021 1:29:00 AM	Bis(2-chloroisopropyl)ether	n/a	<	3.8	µg/L	EPA 625.1	3.8	10	WKL	
MO-OXN	2020/21-1	Wet	12/28/2020 12:42:00 PM	1/22/2021 1:59:00 AM	Bis(2-ethylhexyl)adipate	n/a	DNQ	5.9	µg/L	EPA 525.2	2.4	100	WKL	
MO-OXN	2020/21-1	Wet	12/28/2020 12:42:00 PM	2/3/2021 1:29:00 AM	Bis(2-ethylhexyl)phthalate	n/a	=	59	µg/L	EPA 625.1	23	50	WKL	
MO-OXN	2020/21-1	Wet	12/28/2020 12:42:00 PM	1/22/2021 1:59:00 AM	Bis(2-ethylhexyl)phthalate	n/a	<	8.2	µg/L	EPA 525.2	8.2	60	WKL	
MO-OXN	2020/21-1	Wet	12/28/2020 12:42:00 PM	2/3/2021 1:29:00 AM	Butyl benzyl phthalate	n/a	DNQ	4.1	µg/L	EPA 625.1	1.8	10	WKL	
MO-OXN	2020/21-1	Wet	12/28/2020 12:42:00 PM	2/3/2021 1:29:00 AM	Chrysene	n/a	<	1.9	µg/L	EPA 625.1	1.9	10	WKL	
MO-OXN	2020/21-1	Wet	12/28/2020 12:42:00 PM	1/31/2021 12:36:00 AM	Chrysene	n/a	<	0.32	µg/L	EPA 8270C	0.32	1	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-OXN	2020/21-1	Wet	12/28/2020 12:42:00 PM	2/3/2021 1:29:00 AM	Dibenz(a,h)anthracene	n/a	<	5.3	µg/L	EPA 625.1	5.3	20	WKL	
MO-OXN	2020/21-1	Wet	12/28/2020 12:42:00 PM	1/31/2021 12:36:00 AM	Dibenz(a,h)anthracene	n/a	=	1.1	µg/L	EPA 8270C	0.96	1	WKL	
MO-OXN	2020/21-1	Wet	12/28/2020 12:42:00 PM	2/3/2021 1:29:00 AM	Diethyl phthalate	n/a	<	1.5	µg/L	EPA 625.1	1.5	10	WKL	
MO-OXN	2020/21-1	Wet	12/28/2020 12:42:00 PM	2/3/2021 1:29:00 AM	Dimethyl phthalate	n/a	<	1.8	µg/L	EPA 625.1	1.8	10	WKL	
MO-OXN	2020/21-1	Wet	12/28/2020 12:42:00 PM	2/3/2021 1:29:00 AM	Di-n-butylphthalate	n/a	<	1	µg/L	EPA 625.1	1	10	WKL	
MO-OXN	2020/21-1	Wet	12/28/2020 12:42:00 PM	2/3/2021 1:29:00 AM	Di-n-octylphthalate	n/a	<	4.6	µg/L	EPA 625.1	4.6	10	WKL	
MO-OXN	2020/21-1	Wet	12/28/2020 12:42:00 PM	1/31/2021 12:36:00 AM	Fluoranthene	n/a	<	0.39	µg/L	EPA 8270C	0.39	1	WKL	
MO-OXN	2020/21-1	Wet	12/28/2020 12:42:00 PM	2/3/2021 1:29:00 AM	Fluoranthene	n/a	<	0.8	µg/L	EPA 625.1	0.8	10	WKL	
MO-OXN	2020/21-1	Wet	12/28/2020 12:42:00 PM	1/31/2021 12:36:00 AM	Fluorene	n/a	<	0.29	µg/L	EPA 8270C	0.29	1	WKL	
MO-OXN	2020/21-1	Wet	12/28/2020 12:42:00 PM	2/3/2021 1:29:00 AM	Fluorene	n/a	<	3.5	µg/L	EPA 625.1	3.5	10	WKL	
MO-OXN	2020/21-1	Wet	12/28/2020 12:42:00 PM	2/3/2021 1:29:00 AM	Hexachlorobenzene	n/a	<	4.9	µg/L	EPA 625.1	4.9	10	WKL	
MO-OXN	2020/21-1	Wet	12/28/2020 12:42:00 PM	2/3/2021 1:29:00 AM	Hexachlorobutadiene	n/a	<	4.7	µg/L	EPA 625.1	4.7	10	WKL	
MO-OXN	2020/21-1	Wet	12/28/2020 12:42:00 PM	2/3/2021 1:29:00 AM	Hexachlorocyclopentadiene	n/a	<	9.8	µg/L	EPA 625.1	9.8	50	WKL	
MO-OXN	2020/21-1	Wet	12/28/2020 12:42:00 PM	2/3/2021 1:29:00 AM	Hexachloroethane	n/a	<	5	µg/L	EPA 625.1	5	10	WKL	
MO-OXN	2020/21-1	Wet	12/28/2020 12:42:00 PM	1/31/2021 12:36:00 AM	Indeno(1,2,3-cd)pyrene	n/a	DNQ	0.99	µg/L	EPA 8270C	0.65	1	WKL	
MO-OXN	2020/21-1	Wet	12/28/2020 12:42:00 PM	2/3/2021 1:29:00 AM	Indeno(1,2,3-cd)pyrene	n/a	<	5.5	µg/L	EPA 625.1	5.5	20	WKL	
MO-OXN	2020/21-1	Wet	12/28/2020 12:42:00 PM	2/3/2021 1:29:00 AM	Isophorone	n/a	<	2.1	µg/L	EPA 625.1	2.1	10	WKL	
MO-OXN	2020/21-1	Wet	12/28/2020 12:42:00 PM	2/3/2021 1:29:00 AM	Naphthalene	n/a	<	4.9	µg/L	EPA 625.1	4.9	10	WKL	
MO-OXN	2020/21-1	Wet	12/28/2020 12:42:00 PM	1/31/2021 12:36:00 AM	Naphthalene	n/a	<	0.26	µg/L	EPA 8270C	0.26	1	WKL	
MO-OXN	2020/21-1	Wet	12/28/2020 12:42:00 PM	2/3/2021 1:29:00 AM	Nitrobenzene	n/a	<	3.6	µg/L	EPA 625.1	3.6	10	WKL	
MO-OXN	2020/21-1	Wet	12/28/2020 12:42:00 PM	2/3/2021 1:29:00 AM	N-Nitrosodimethylamine	n/a	<	5	µg/L	EPA 625.1	5	10	WKL	
MO-OXN	2020/21-1	Wet	12/28/2020 12:42:00 PM	2/3/2021 1:29:00 AM	N-Nitrosodi-N-propylamine	n/a	<	2.6	µg/L	EPA 625.1	2.6	10	WKL	
MO-OXN	2020/21-1	Wet	12/28/2020 12:42:00 PM	2/3/2021 1:29:00 AM	N-Nitrosodiphenylamine	n/a	<	1.9	µg/L	EPA 625.1	1.9	10	WKL	
MO-OXN	2020/21-1	Wet	12/28/2020 12:42:00 PM	1/31/2021 12:36:00 AM	Phenanthrene	n/a	<	0.29	µg/L	EPA 8270C	0.29	1	WKL	
MO-OXN	2020/21-1	Wet	12/28/2020 12:42:00 PM	2/3/2021 1:29:00 AM	Phenanthrene	n/a	<	3.2	µg/L	EPA 625.1	3.2	10	WKL	
MO-OXN	2020/21-1	Wet	12/28/2020 12:42:00 PM	2/3/2021 1:29:00 AM	Phenol	n/a	<	1.6	µg/L	EPA 625.1	1.6	10	WKL	
MO-OXN	2020/21-1	Wet	12/28/2020 12:42:00 PM	2/2/2021 5:34:00 AM	Phenol	n/a	<	3.5	µg/L	EPA 8270C	3.5	10	WKL	
MO-OXN	2020/21-1	Wet	12/28/2020 12:42:00 PM	2/3/2021 1:29:00 AM	Pyrene	n/a	<	2.5	µg/L	EPA 625.1	2.5	10	WKL	
MO-OXN	2020/21-1	Wet	12/28/2020 12:42:00 PM	1/31/2021 12:36:00 AM	Pyrene	n/a	<	0.4	µg/L	EPA 8270C	0.4	1	WKL	
MO-OXN	2020/21-1	Wet	12/28/2020 12:42:00 PM	1/14/2021 5:20:00 AM	PCB Aroclor 1016	n/a	<	10	µg/L	EPA 608.3	10	10	WKL	
MO-OXN	2020/21-1	Wet	12/28/2020 12:42:00 PM	1/14/2021 5:20:00 AM	PCB Aroclor 1221	n/a	<	10	µg/L	EPA 608.3	10	10	WKL	
MO-OXN	2020/21-1	Wet	12/28/2020 12:42:00 PM	1/14/2021 5:20:00 AM	PCB Aroclor 1232	n/a	<	10	µg/L	EPA 608.3	10	10	WKL	
MO-OXN	2020/21-1	Wet	12/28/2020 12:42:00 PM	1/14/2021 5:20:00 AM	PCB Aroclor 1242	n/a	<	10	µg/L	EPA 608.3	10	10	WKL	
MO-OXN	2020/21-1	Wet	12/28/2020 12:42:00 PM	1/14/2021 5:20:00 AM	PCB Aroclor 1248	n/a	<	10	µg/L	EPA 608.3	10	10	WKL	
MO-OXN	2020/21-1	Wet	12/28/2020 12:42:00 PM	1/14/2021 5:20:00 AM	PCB Aroclor 1254	n/a	<	10	µg/L	EPA 608.3	10	10	WKL	
MO-OXN	2020/21-1	Wet	12/28/2020 12:42:00 PM	1/14/2021 5:20:00 AM	PCB Aroclor 1260	n/a	<	10	µg/L	EPA 608.3	10	10	WKL	
MO-OXN	2020/21-1	Wet	12/28/2020 12:42:00 PM	1/10/2021 8:53:00 AM	2,4,5-T	n/a	<	0.55	µg/L	EPA 515.4	0.55	2	WKL	
MO-OXN	2020/21-1	Wet	12/28/2020 12:42:00 PM	1/10/2021 8:53:00 AM	2,4,5-TP	n/a	<	0.46	µg/L	EPA 515.4	0.46	2	WKL	
MO-OXN	2020/21-1	Wet	12/28/2020 12:42:00 PM	1/10/2021 8:53:00 AM	2,4-D	n/a	<	1.4	µg/L	EPA 515.4	1.4	4	WKL	
MO-OXN	2020/21-1	Wet	12/28/2020 12:42:00 PM	1/10/2021 8:53:00 AM	2,4-DB	n/a	<	1.9	µg/L	EPA 515.4	1.9	20	WKL	
MO-OXN	2020/21-1	Wet	12/28/2020 12:42:00 PM	1/10/2021 8:53:00 AM	3,5-Dichlorobenzoic acid	n/a	<	1.2	µg/L	EPA 515.4	1.2	10	WKL	
MO-OXN	2020/21-1	Wet	12/28/2020 12:42:00 PM	1/14/2021 5:20:00 AM	4,4'-DDD	n/a	<	0.014	µg/L	EPA 608.3	0.014	1	WKL	
MO-OXN	2020/21-1	Wet	12/28/2020 12:42:00 PM	1/14/2021 5:20:00 AM	4,4'-DDE	n/a	DNQ	0.04	µg/L	EPA 608.3	0.014	1	WKL	
MO-OXN	2020/21-1	Wet	12/28/2020 12:42:00 PM	1/14/2021 5:20:00 AM	4,4'-DDT	n/a	<	0.1	µg/L	EPA 608.3	0.1	0.2	WKL	
MO-OXN	2020/21-1	Wet	12/28/2020 12:42:00 PM	1/10/2021 8:53:00 AM	Acifluorfen	n/a	<	0.72	µg/L	EPA 515.4	0.72	4	WKL	
MO-OXN	2020/21-1	Wet	12/28/2020 12:42:00 PM	1/22/2021 1:59:00 AM	Alachlor	n/a	<	0.6	µg/L	EPA 525.2	0.6	2	WKL	
MO-OXN	2020/21-1	Wet	12/28/2020 12:42:00 PM	1/14/2021 5:20:00 AM	Aldrin	n/a	<	0.02	µg/L	EPA 608.3	0.02	0.1	WKL	
MO-OXN	2020/21-1	Wet	12/28/2020 12:42:00 PM	1/14/2021 5:20:00 AM	alpha-BHC	n/a	<	0.022	µg/L	EPA 608.3	0.022	0.2	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-OXN	2020/21-1	Wet	12/28/2020 12:42:00 PM	1/14/2021 5:20:00 AM	alpha-Chlordane	n/a	<	0.058	µg/L	EPA 608.3	0.058	0.2	WKL	
MO-OXN	2020/21-1	Wet	12/28/2020 12:42:00 PM	1/22/2021 1:59:00 AM	Atrazine	n/a	<	0.6	µg/L	EPA 525.2	0.6	2	WKL	
MO-OXN	2020/21-1	Wet	12/28/2020 12:42:00 PM	1/20/2021 11:49:00 AM	Azinphos methyl	n/a	<	0.28	µg/L	EPA 625.1m	0.28	0.5	WKL	
MO-OXN	2020/21-1	Wet	12/28/2020 12:42:00 PM	1/10/2021 8:53:00 AM	Bentazon	n/a	<	2.3	µg/L	EPA 515.4	2.3	20	WKL	
MO-OXN	2020/21-1	Wet	12/28/2020 12:42:00 PM	1/14/2021 5:20:00 AM	beta-BHC	n/a	<	0.03	µg/L	EPA 608.3	0.03	0.1	WKL	
MO-OXN	2020/21-1	Wet	12/28/2020 12:42:00 PM	1/20/2021 11:49:00 AM	Bolstar	n/a	<	0.23	µg/L	EPA 625.1m	0.23	0.5	WKL	
MO-OXN	2020/21-1	Wet	12/28/2020 12:42:00 PM	1/22/2021 1:59:00 AM	Bromacil	n/a	<	3.2	µg/L	EPA 525.2	3.2	10	WKL	
MO-OXN	2020/21-1	Wet	12/28/2020 12:42:00 PM	1/22/2021 1:59:00 AM	Butachlor	n/a	<	0.6	µg/L	EPA 525.2	0.6	2	WKL	
MO-OXN	2020/21-1	Wet	12/28/2020 12:42:00 PM	1/22/2021 1:59:00 AM	Captan	n/a	<	3.2	µg/L	EPA 525.2	3.2	20	WKL	
MO-OXN	2020/21-1	Wet	12/28/2020 12:42:00 PM	1/14/2021 5:20:00 AM	Chlordane (technical)	n/a	<	10	µg/L	EPA 608.3	10	10	WKL	
MO-OXN	2020/21-1	Wet	12/28/2020 12:42:00 PM	1/22/2021 1:59:00 AM	Chlorpropham	n/a	<	0.8	µg/L	EPA 525.2	0.8	2	WKL	
MO-OXN	2020/21-1	Wet	12/28/2020 12:42:00 PM	1/20/2021 11:49:00 AM	Chlorpyrifos	n/a	<	0.34	µg/L	EPA 625.1m	0.34	0.5	WKL	
MO-OXN	2020/21-1	Wet	12/28/2020 12:42:00 PM	1/20/2021 11:49:00 AM	Coumaphos	n/a	<	0.26	µg/L	EPA 625.1m	0.26	0.5	WKL	
MO-OXN	2020/21-1	Wet	12/28/2020 12:42:00 PM	1/22/2021 1:59:00 AM	Cyanazine	n/a	<	0.8	µg/L	EPA 525.2	0.8	2	WKL	
MO-OXN	2020/21-1	Wet	12/28/2020 12:42:00 PM	1/10/2021 8:53:00 AM	Dalapon	n/a	<	1.1	µg/L	EPA 515.4	1.1	4	WKL	
MO-OXN	2020/21-1	Wet	12/28/2020 12:42:00 PM	1/10/2021 8:53:00 AM	DCPA (Dacthal)	n/a	<	0.53	µg/L	EPA 515.4	0.53	1	WKL	
MO-OXN	2020/21-1	Wet	12/28/2020 12:42:00 PM	1/14/2021 5:20:00 AM	delta-BHC	n/a	<	0.2	µg/L	EPA 608.3	0.2	0.2	WKL	
MO-OXN	2020/21-1	Wet	12/28/2020 12:42:00 PM	1/20/2021 11:49:00 AM	Demeton-O	n/a	<	0.5	µg/L	EPA 625.1m	0.5	0.5	WKL	-LCSRPD, LB-L
MO-OXN	2020/21-1	Wet	12/28/2020 12:42:00 PM	1/20/2021 11:49:00 AM	Demeton-S	n/a	<	0.5	µg/L	EPA 625.1m	0.5	0.5	WKL	
MO-OXN	2020/21-1	Wet	12/28/2020 12:42:00 PM	1/20/2021 11:49:00 AM	Diazinon	n/a	<	0.26	µg/L	EPA 625.1m	0.26	0.5	WKL	EST-LCSRPD
MO-OXN	2020/21-1	Wet	12/28/2020 12:42:00 PM	1/22/2021 1:59:00 AM	Diazinon	n/a	<	1	µg/L	EPA 525.2	1	2	WKL	
MO-OXN	2020/21-1	Wet	12/28/2020 12:42:00 PM	1/8/2021 8:37:00 AM	Dicamba	n/a	<	0.075	µg/L	EPA 515.4	0.075	0.6	WKL	
MO-OXN	2020/21-1	Wet	12/28/2020 12:42:00 PM	1/10/2021 8:53:00 AM	Dichlorprop	n/a	<	1.2	µg/L	EPA 515.4	1.2	3	WKL	
MO-OXN	2020/21-1	Wet	12/28/2020 12:42:00 PM	1/20/2021 11:49:00 AM	Dichlorvos	n/a	<	0.14	µg/L	EPA 625.1m	0.14	0.5	WKL	
MO-OXN	2020/21-1	Wet	12/28/2020 12:42:00 PM	1/14/2021 5:20:00 AM	Dieldrin	n/a	<	0.1	µg/L	EPA 608.3	0.1	0.2	WKL	
MO-OXN	2020/21-1	Wet	12/28/2020 12:42:00 PM	1/22/2021 1:59:00 AM	Dimethoate	n/a	<	0.4	µg/L	EPA 525.2	0.4	4	WKL	
MO-OXN	2020/21-1	Wet	12/28/2020 12:42:00 PM	1/20/2021 11:49:00 AM	Dimethoate	n/a	<	0.31	µg/L	EPA 625.1m	0.31	0.5	WKL	
MO-OXN	2020/21-1	Wet	12/28/2020 12:42:00 PM	1/10/2021 8:53:00 AM	Dinoseb	n/a	<	0.55	µg/L	EPA 515.4	0.55	4	WKL	
MO-OXN	2020/21-1	Wet	12/28/2020 12:42:00 PM	1/22/2021 1:59:00 AM	Diphenamid	n/a	<	0.6	µg/L	EPA 525.2	0.6	2	WKL	
MO-OXN	2020/21-1	Wet	12/28/2020 12:42:00 PM	1/20/2021 11:49:00 AM	Disulfoton	n/a	<	0.5	µg/L	EPA 625.1m	0.5	0.5	WKL	
MO-OXN	2020/21-1	Wet	12/28/2020 12:42:00 PM	1/22/2021 1:59:00 AM	Disulfoton	n/a	<	0.8	µg/L	EPA 525.2	0.8	2	WKL	
MO-OXN	2020/21-1	Wet	12/28/2020 12:42:00 PM	1/14/2021 5:20:00 AM	Endosulfan I	n/a	<	0.018	µg/L	EPA 608.3	0.018	0.4	WKL	
MO-OXN	2020/21-1	Wet	12/28/2020 12:42:00 PM	1/14/2021 5:20:00 AM	Endosulfan II	n/a	<	0.1	µg/L	EPA 608.3	0.1	0.2	WKL	
MO-OXN	2020/21-1	Wet	12/28/2020 12:42:00 PM	1/14/2021 5:20:00 AM	Endosulfan sulfate	n/a	<	0.026	µg/L	EPA 608.3	0.026	1	WKL	
MO-OXN	2020/21-1	Wet	12/28/2020 12:42:00 PM	1/14/2021 5:20:00 AM	Endrin	n/a	<	0.034	µg/L	EPA 608.3	0.034	0.2	WKL	
MO-OXN	2020/21-1	Wet	12/28/2020 12:42:00 PM	1/14/2021 5:20:00 AM	Endrin aldehyde	n/a	<	0.038	µg/L	EPA 608.3	0.038	0.2	WKL	
MO-OXN	2020/21-1	Wet	12/28/2020 12:42:00 PM	1/22/2021 1:59:00 AM	EPTC	n/a	<	0.4	µg/L	EPA 525.2	0.4	2	WKL	
MO-OXN	2020/21-1	Wet	12/28/2020 12:42:00 PM	1/20/2021 11:49:00 AM	Ethoprop	n/a	<	0.34	µg/L	EPA 625.1m	0.34	0.5	WKL	
MO-OXN	2020/21-1	Wet	12/28/2020 12:42:00 PM	1/20/2021 11:49:00 AM	Ethyl parathion	n/a	<	0.27	µg/L	EPA 625.1m	0.27	0.5	WKL	EST-LCSRPD
MO-OXN	2020/21-1	Wet	12/28/2020 12:42:00 PM	1/20/2021 11:49:00 AM	Fensulfotion	n/a	<	0.14	µg/L	EPA 625.1m	0.14	0.5	WKL	
MO-OXN	2020/21-1	Wet	12/28/2020 12:42:00 PM	1/20/2021 11:49:00 AM	Fenthion	n/a	<	0.19	µg/L	EPA 625.1m	0.19	0.5	WKL	
MO-OXN	2020/21-1	Wet	12/28/2020 12:42:00 PM	1/14/2021 5:20:00 AM	gamma-BHC (Lindane)	n/a	<	0.008	µg/L	EPA 608.3	0.008	0.4	WKL	
MO-OXN	2020/21-1	Wet	12/28/2020 12:42:00 PM	1/14/2021 5:20:00 AM	gamma-Chlordane	n/a	<	0.046	µg/L	EPA 608.3	0.046	0.2	WKL	
MO-OXN	2020/21-1	Wet	12/28/2020 12:42:00 PM	12/30/2020 4:26:00 AM	Glyphosate	n/a	DNQ	32	µg/L	EPA 547	18	50	WKL	
MO-OXN	2020/21-1	Wet	12/28/2020 12:42:00 PM	1/14/2021 5:20:00 AM	Heptachlor	n/a	<	0.012	µg/L	EPA 608.3	0.012	0.2	WKL	
MO-OXN	2020/21-1	Wet	12/28/2020 12:42:00 PM	1/14/2021 5:20:00 AM	Heptachlor epoxide	n/a	<	0.008	µg/L	EPA 608.3	0.008	0.2	WKL	
MO-OXN	2020/21-1	Wet	12/28/2020 12:42:00 PM	1/20/2021 11:49:00 AM	Malathion	n/a	<	0.38	µg/L	EPA 625.1m	0.38	0.5	WKL	
MO-OXN	2020/21-1	Wet	12/28/2020 12:42:00 PM	1/20/2021 11:49:00 AM	Merphos	n/a	<	0.29	µg/L	EPA 625.1m	0.29	0.5	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-OXN	2020/21-1	Wet	12/28/2020 12:42:00 PM	1/20/2021 11:49:00 AM	Methyl parathion	n/a	<	0.32	µg/L	EPA 625.1m	0.32	0.5	WKL	
MO-OXN	2020/21-1	Wet	12/28/2020 12:42:00 PM	1/22/2021 1:59:00 AM	Metolachlor	n/a	<	0.6	µg/L	EPA 525.2	0.6	2	WKL	
MO-OXN	2020/21-1	Wet	12/28/2020 12:42:00 PM	1/22/2021 1:59:00 AM	Metribuzin	n/a	<	0.6	µg/L	EPA 525.2	0.6	2	WKL	
MO-OXN	2020/21-1	Wet	12/28/2020 12:42:00 PM	1/20/2021 11:49:00 AM	Mevinphos	n/a	<	0.21	µg/L	EPA 625.1m	0.21	0.5	WKL	
MO-OXN	2020/21-1	Wet	12/28/2020 12:42:00 PM	1/22/2021 1:59:00 AM	Molinate	n/a	<	0.6	µg/L	EPA 525.2	0.6	2	WKL	
MO-OXN	2020/21-1	Wet	12/28/2020 12:42:00 PM	1/20/2021 11:49:00 AM	Naled	n/a	<	0.38	µg/L	EPA 625.1m	0.38	0.5	WKL	
MO-OXN	2020/21-1	Wet	12/28/2020 12:42:00 PM	2/2/2021 5:34:00 AM	Pentachlorophenol	n/a	<	1.5	µg/L	EPA 8270C	1.5	10	WKL	
MO-OXN	2020/21-1	Wet	12/28/2020 12:42:00 PM	2/3/2021 1:29:00 AM	Pentachlorophenol	n/a	<	4	µg/L	EPA 625.1	4	10	WKL	
MO-OXN	2020/21-1	Wet	12/28/2020 12:42:00 PM	1/10/2021 8:53:00 AM	Pentachlorophenol	n/a	<	0.46	µg/L	EPA 515.4	0.46	2	WKL	
MO-OXN	2020/21-1	Wet	12/28/2020 12:42:00 PM	1/20/2021 11:49:00 AM	Phorate	n/a	<	0.15	µg/L	EPA 625.1m	0.15	0.5	WKL	
MO-OXN	2020/21-1	Wet	12/28/2020 12:42:00 PM	1/10/2021 8:53:00 AM	Picloram	n/a	<	0.38	µg/L	EPA 515.4	0.38	6	WKL	
MO-OXN	2020/21-1	Wet	12/28/2020 12:42:00 PM	1/22/2021 1:59:00 AM	Prometon	n/a	<	0.2	µg/L	EPA 525.2	0.2	2	WKL	EST-LCSRPD
MO-OXN	2020/21-1	Wet	12/28/2020 12:42:00 PM	1/22/2021 1:59:00 AM	Prometryn	n/a	<	0.6	µg/L	EPA 525.2	0.6	2	WKL	EST-LCSRPD
MO-OXN	2020/21-1	Wet	12/28/2020 12:42:00 PM	1/20/2021 11:49:00 AM	Ronnel (Fenchlorphos)	n/a	<	0.2	µg/L	EPA 625.1m	0.2	0.5	WKL	
MO-OXN	2020/21-1	Wet	12/28/2020 12:42:00 PM	1/22/2021 1:59:00 AM	Simazine	n/a	<	0.4	µg/L	EPA 525.2	0.4	2	WKL	
MO-OXN	2020/21-1	Wet	12/28/2020 12:42:00 PM	1/20/2021 11:49:00 AM	Stirophos (Tetrachlorvinphos)	n/a	<	0.16	µg/L	EPA 625.1m	0.16	0.5	WKL	
MO-OXN	2020/21-1	Wet	12/28/2020 12:42:00 PM	1/22/2021 1:59:00 AM	Terbacil	n/a	<	1.8	µg/L	EPA 525.2	1.8	40	WKL	EST-LCSRPD
MO-OXN	2020/21-1	Wet	12/28/2020 12:42:00 PM	1/22/2021 1:59:00 AM	Thiobencarb	n/a	<	0.6	µg/L	EPA 525.2	0.6	2	WKL	
MO-OXN	2020/21-1	Wet	12/28/2020 12:42:00 PM	1/20/2021 11:49:00 AM	Tokuthion	n/a	<	0.39	µg/L	EPA 625.1m	0.39	0.5	WKL	
MO-OXN	2020/21-1	Wet	12/28/2020 12:42:00 PM	1/14/2021 5:20:00 AM	Toxaphene	n/a	<	50	µg/L	EPA 608.3	50	50	WKL	
MO-OXN	2020/21-1	Wet	12/28/2020 12:42:00 PM	1/20/2021 11:49:00 AM	Trichloronate	n/a	<	0.34	µg/L	EPA 625.1m	0.34	0.5	WKL	
MO-OXN	2020/21-1	Wet	12/28/2020 12:42:00 PM	1/22/2021 1:59:00 AM	Trithion	n/a	<	0.4	µg/L	EPA 525.2	0.4	2	WKL	
MO-OXN	2020/21-2	Wet	1/28/2021 8:40:00 PM	1/28/2021 8:40:00 PM	Conductivity	n/a	=	48.7	µmhos/cm	Field Meter	-88	1	Field Crew	
MO-OXN	2020/21-2	Wet	1/28/2021 8:40:00 PM	2/9/2021 4:14:00 PM	Cyanide	Total	DNQ	0.0013	mg/L	ASTM D7511	0.0003	0.002	WKL	
MO-OXN	2020/21-2	Wet	1/28/2021 8:40:00 PM	1/28/2021 8:40:00 PM	DO	n/a	=	85.1	%	Field Meter	-88	0.1	Field Crew	
MO-OXN	2020/21-2	Wet	1/28/2021 8:40:00 PM	1/28/2021 8:40:00 PM	DO	n/a	=	9.33	mg/L	Field Meter	-88	0.3	Field Crew	
MO-OXN	2020/21-2	Wet	1/28/2021 8:40:00 PM	1/28/2021 8:40:00 PM	pH	n/a	=	7.91	pH Units	Field Meter	-88	0.01	Field Crew	
MO-OXN	2020/21-2	Wet	1/28/2021 8:40:00 PM	1/28/2021 8:40:00 PM	Salinity	n/a	<	100	mg/L	Field Meter	-88	100	Field Crew	
MO-OXN	2020/21-2	Wet	1/28/2021 8:40:00 PM	1/28/2021 8:40:00 PM	Specific Conductance	n/a	=	65.7	µmhos/cm	Field Meter	-88	1	Field Crew	
MO-OXN	2020/21-2	Wet	1/28/2021 8:40:00 PM	1/28/2021 8:40:00 PM	Temperature	n/a	=	11.5	°C	Field Meter	-88	0.1	Field Crew	
MO-OXN	2020/21-2	Wet	1/28/2021 8:40:00 PM	2/1/2021 9:14:00 AM	Gasoline Range Organics	n/a	<	0.065	mg/L	LUFT GC/MS	0.065	0.1	WKL	
MO-OXN	2020/21-2	Wet	1/28/2021 8:40:00 PM	2/16/2021 4:34:00 PM	Oil and Grease	n/a	DNQ	1.6	mg/L	EPA 1664B	0.7	5	WKL	
MO-OXN	2020/21-2	Wet	1/28/2021 8:40:00 PM	1/31/2021 3:17:00 PM	2-Chloroethyl vinyl ether	n/a	<	0.19	µg/L	EPA 624.1	0.19	1	WKL	
MO-OXN	2020/21-2	Wet	1/28/2021 8:40:00 PM	1/31/2021 3:17:00 PM	Methyl tert-butyl ether (MTBE)	n/a	<	0.4	µg/L	EPA 624.1	0.4	1	WKL	
MO-OXN	2020/21-2	Wet	1/29/2021 11:10:00 AM	2/3/2021 4:12:00 AM	Chloride	n/a	=	8.1	mg/L	EPA 300.0	0.17	1	WKL	
MO-OXN	2020/21-2	Wet	1/29/2021 11:10:00 AM	2/3/2021 4:12:00 AM	Fluoride	n/a	DNQ	0.11	mg/L	EPA 300.0	0.018	0.2	WKL	
MO-OXN	2020/21-2	Wet	1/29/2021 11:10:00 AM	2/3/2021 9:40:00 AM	Perchlorate	n/a	<	0.84	µg/L	EPA 314.0	0.84	2	WKL	
MO-OXN	2020/21-2	Wet	1/29/2021 11:10:00 AM	2/6/2021 6:15:00 PM	Calcium	Total	=	8.98	mg/L	EPA 200.7	0.016	0.1	WKL	
MO-OXN	2020/21-2	Wet	1/29/2021 11:10:00 AM	2/6/2021 6:15:00 PM	Magnesium	Total	=	2.52	mg/L	EPA 200.7	0.012	0.1	WKL	
MO-OXN	2020/21-2	Wet	1/29/2021 11:10:00 AM	2/4/2021 12:50:00 PM	Alkalinity as CaCO3	n/a	=	16	mg/L	SM 2320 B	0.56	5	WKL	
MO-OXN	2020/21-2	Wet	1/29/2021 11:10:00 AM	2/4/2021 5:32:00 PM	BOD	n/a	=	13	mg/L	SM 5210 B	2	2	WKL	
MO-OXN	2020/21-2	Wet	1/29/2021 11:10:00 AM	2/9/2021 10:01:00 AM	COD	n/a	=	80	mg/L	EPA 410.4	2.9	5	WKL	
MO-OXN	2020/21-2	Wet	1/29/2021 11:10:00 AM	2/6/2021 6:15:00 PM	Hardness as CaCO3	Total	=	32.8	mg/L	EPA 200.7	0.0894	0.662	WKL	
MO-OXN	2020/21-2	Wet	1/29/2021 11:10:00 AM	1/30/2021 5:58:00 PM	MBAS	n/a	=	0.18	mg/L	SM 5540 C	0.017	0.05	WKL	
MO-OXN	2020/21-2	Wet	1/29/2021 11:10:00 AM	2/11/2021 2:35:00 PM	Phenolics	n/a	DNQ	0.0079	mg/L	EPA 420.4	0.0032	0.01	WKL	
MO-OXN	2020/21-2	Wet	1/29/2021 11:10:00 AM	2/3/2021 1:41:00 PM	Specific Conductance	n/a	=	100	µmhos/cm	SM 2510 B	0.23	2	WKL	
MO-OXN	2020/21-2	Wet	1/29/2021 11:10:00 AM	2/5/2021 8:00:00 AM	Total Dissolved Solids	n/a	=	61	mg/L	SM 2540 C	4	10	WKL	
MO-OXN	2020/21-2	Wet	1/29/2021 11:10:00 AM	2/5/2021 12:35:00 PM	Total Organic Carbon	n/a	=	15	mg/L	SM 5310 B	0.096	0.3	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-OXN	2020/21-2	Wet	1/29/2021 11:10:00 AM	2/5/2021 8:00:00 AM	Total Suspended Solids	n/a	=	100	mg/L	SM 2540 D	-88	5	WKL	
MO-OXN	2020/21-2	Wet	1/29/2021 11:10:00 AM	1/29/2021 7:58:00 PM	Turbidity	n/a	=	42	NTU	EPA 180.1	0.085	0.5	WKL	
MO-OXN	2020/21-2	Wet	1/29/2021 11:10:00 AM	2/5/2021 8:00:00 AM	Volatile Suspended Solids	n/a	=	34	mg/L	EPA 160.4	3.1	5	WKL	
MO-OXN	2020/21-2	Wet	1/29/2021 11:10:00 AM	2/12/2021 1:24:00 AM	Diesel Range Organics	n/a	=	0.51	mg/L	EPA 8015B	0.032	0.1	WKL	
MO-OXN	2020/21-2	Wet	1/29/2021 11:10:00 AM	2/12/2021 1:24:00 AM	Oil Range Organics	n/a	=	1.1	mg/L	EPA 8015B	0.33	0.5	WKL	
MO-OXN	2020/21-2	Wet	1/29/2021 11:10:00 AM	2/9/2021 6:29:00 PM	Aluminum	Dissolved	=	28	µg/L	EPA 200.8	4.4	20	WKL	
MO-OXN	2020/21-2	Wet	1/29/2021 11:10:00 AM	2/9/2021 6:32:00 PM	Aluminum	Total	=	2600	µg/L	EPA 200.8	4.4	20	WKL	
MO-OXN	2020/21-2	Wet	1/29/2021 11:10:00 AM	2/9/2021 6:29:00 PM	Antimony	Dissolved	=	0.62	µg/L	EPA 200.8	0.089	0.5	WKL	
MO-OXN	2020/21-2	Wet	1/29/2021 11:10:00 AM	2/9/2021 6:32:00 PM	Antimony	Total	=	1.9	µg/L	EPA 200.8	0.089	0.5	WKL	
MO-OXN	2020/21-2	Wet	1/29/2021 11:10:00 AM	2/9/2021 6:29:00 PM	Arsenic	Dissolved	=	0.65	µg/L	EPA 200.8	0.074	0.4	WKL	
MO-OXN	2020/21-2	Wet	1/29/2021 11:10:00 AM	2/9/2021 6:32:00 PM	Arsenic	Total	=	1.6	µg/L	EPA 200.8	0.074	0.4	WKL	
MO-OXN	2020/21-2	Wet	1/29/2021 11:10:00 AM	2/9/2021 6:32:00 PM	Barium	Total	=	48	µg/L	EPA 200.8	0.14	1	WKL	
MO-OXN	2020/21-2	Wet	1/29/2021 11:10:00 AM	2/9/2021 6:29:00 PM	Beryllium	Dissolved	<	0.062	µg/L	EPA 200.8	0.062	0.1	WKL	
MO-OXN	2020/21-2	Wet	1/29/2021 11:10:00 AM	2/9/2021 6:32:00 PM	Beryllium	Total	DNQ	0.085	µg/L	EPA 200.8	0.062	0.1	WKL	
MO-OXN	2020/21-2	Wet	1/29/2021 11:10:00 AM	2/9/2021 6:29:00 PM	Cadmium	Dissolved	DNQ	0.042	µg/L	EPA 200.8	0.042	0.2	WKL	
MO-OXN	2020/21-2	Wet	1/29/2021 11:10:00 AM	2/9/2021 6:32:00 PM	Cadmium	Total	=	0.27	µg/L	EPA 200.8	0.042	0.2	WKL	
MO-OXN	2020/21-2	Wet	1/29/2021 11:10:00 AM	2/9/2021 6:29:00 PM	Chromium	Dissolved	=	1.6	µg/L	EPA 200.8	0.089	0.2	WKL	
MO-OXN	2020/21-2	Wet	1/29/2021 11:10:00 AM	2/9/2021 6:32:00 PM	Chromium	Total	=	6.6	µg/L	EPA 200.8	0.089	0.2	WKL	
MO-OXN	2020/21-2	Wet	1/29/2021 11:10:00 AM	2/3/2021 4:04:00 PM	Chromium VI	n/a	=	1.5	µg/L	EPA 218.6	0.0079	0.02	WKL	
MO-OXN	2020/21-2	Wet	1/29/2021 11:10:00 AM	2/9/2021 6:29:00 PM	Copper	Dissolved	=	7.5	µg/L	EPA 200.8	0.23	0.5	WKL	
MO-OXN	2020/21-2	Wet	1/29/2021 11:10:00 AM	2/9/2021 6:32:00 PM	Copper	Total	=	24	µg/L	EPA 200.8	0.23	0.5	WKL	
MO-OXN	2020/21-2	Wet	1/29/2021 11:10:00 AM	2/9/2021 6:29:00 PM	Iron	Dissolved	=	57	µg/L	EPA 200.8	3.9	20	WKL	
MO-OXN	2020/21-2	Wet	1/29/2021 11:10:00 AM	2/9/2021 6:32:00 PM	Iron	Total	=	3700	µg/L	EPA 200.8	3.9	20	WKL	
MO-OXN	2020/21-2	Wet	1/29/2021 11:10:00 AM	2/9/2021 6:29:00 PM	Lead	Dissolved	=	0.41	µg/L	EPA 200.8	0.083	0.2	WKL	
MO-OXN	2020/21-2	Wet	1/29/2021 11:10:00 AM	2/9/2021 6:32:00 PM	Lead	Total	=	9	µg/L	EPA 200.8	0.083	0.2	WKL	
MO-OXN	2020/21-2	Wet	1/29/2021 11:10:00 AM	2/7/2021 1:00:00 PM	Mercury	Dissolved	<	17	ng/L	EPA 245.1	17	50	WKL	
MO-OXN	2020/21-2	Wet	1/29/2021 11:10:00 AM	2/7/2021 1:02:00 PM	Mercury	Total	DNQ	24	ng/L	EPA 245.1	17	50	WKL	
MO-OXN	2020/21-2	Wet	1/29/2021 11:10:00 AM	2/9/2021 6:29:00 PM	Nickel	Dissolved	=	2	µg/L	EPA 200.8	0.16	2	WKL	
MO-OXN	2020/21-2	Wet	1/29/2021 11:10:00 AM	2/9/2021 6:32:00 PM	Nickel	Total	=	6.7	µg/L	EPA 200.8	0.16	2	WKL	
MO-OXN	2020/21-2	Wet	1/29/2021 11:10:00 AM	2/9/2021 6:29:00 PM	Selenium	Dissolved	DNQ	0.27	µg/L	EPA 200.8	0.067	0.4	WKL	
MO-OXN	2020/21-2	Wet	1/29/2021 11:10:00 AM	2/9/2021 6:32:00 PM	Selenium	Total	DNQ	0.39	µg/L	EPA 200.8	0.067	0.4	WKL	
MO-OXN	2020/21-2	Wet	1/29/2021 11:10:00 AM	2/9/2021 6:29:00 PM	Silver	Dissolved	<	0.03	µg/L	EPA 200.8	0.03	0.2	WKL	
MO-OXN	2020/21-2	Wet	1/29/2021 11:10:00 AM	2/9/2021 6:32:00 PM	Silver	Total	DNQ	0.046	µg/L	EPA 200.8	0.03	0.2	WKL	
MO-OXN	2020/21-2	Wet	1/29/2021 11:10:00 AM	2/9/2021 6:29:00 PM	Thallium	Dissolved	<	0.021	µg/L	EPA 200.8	0.021	0.2	WKL	
MO-OXN	2020/21-2	Wet	1/29/2021 11:10:00 AM	2/9/2021 6:32:00 PM	Thallium	Total	DNQ	0.039	µg/L	EPA 200.8	0.021	0.2	WKL	
MO-OXN	2020/21-2	Wet	1/29/2021 11:10:00 AM	2/9/2021 6:29:00 PM	Zinc	Dissolved	=	40	µg/L	EPA 200.8	0.8	10	WKL	
MO-OXN	2020/21-2	Wet	1/29/2021 11:10:00 AM	2/9/2021 6:32:00 PM	Zinc	Total	=	150	µg/L	EPA 200.8	0.8	10	WKL	
MO-OXN	2020/21-2	Wet	1/29/2021 11:10:00 AM	2/12/2021 1:46:00 PM	Ammonia as N	n/a	=	0.42	mg/L	EPA 350.1	0.047	0.1	WKL	
MO-OXN	2020/21-2	Wet	1/29/2021 11:10:00 AM	1/30/2021 4:11:00 PM	Nitrate + Nitrite as N	n/a	=	0.66	mg/L	EPA 353.2	0.036	0.2	WKL	
MO-OXN	2020/21-2	Wet	1/29/2021 11:10:00 AM	2/6/2021 6:12:00 PM	Phosphorus as P	Dissolved	=	0.2	mg/L	EPA 200.7	0.012	0.02	WKL	
MO-OXN	2020/21-2	Wet	1/29/2021 11:10:00 AM	2/6/2021 6:15:00 PM	Phosphorus as P	Total	=	0.46	mg/L	EPA 200.7	0.012	0.02	WKL	
MO-OXN	2020/21-2	Wet	1/29/2021 11:10:00 AM	2/17/2021 12:40:00 PM	TKN	n/a	=	1.9	mg/L	EPA 351.2	0.13	0.2	WKL	
MO-OXN	2020/21-2	Wet	1/29/2021 11:10:00 AM	2/9/2021 11:55:00 PM	1,2,4-Trichlorobenzene	n/a	<	9.8	µg/L	EPA 625.1	9.8	20	WKL	
MO-OXN	2020/21-2	Wet	1/29/2021 11:10:00 AM	2/9/2021 11:55:00 PM	1,2-Dichlorobenzene	n/a	<	9.2	µg/L	EPA 625.1	9.2	20	WKL	
MO-OXN	2020/21-2	Wet	1/29/2021 11:10:00 AM	2/9/2021 11:55:00 PM	1,2-Diphenylhydrazine	n/a	<	6	µg/L	EPA 625.1	6	20	WKL	
MO-OXN	2020/21-2	Wet	1/29/2021 11:10:00 AM	2/9/2021 11:55:00 PM	1,3-Dichlorobenzene	n/a	<	8.4	µg/L	EPA 625.1	8.4	20	WKL	
MO-OXN	2020/21-2	Wet	1/29/2021 11:10:00 AM	2/9/2021 11:55:00 PM	1,4-Dichlorobenzene	n/a	<	9.6	µg/L	EPA 625.1	9.6	20	WKL	
MO-OXN	2020/21-2	Wet	1/29/2021 11:10:00 AM	2/27/2021 4:55:00 PM	1-Methylnaphthalene	n/a	<	0.48	µg/L	EPA 8270C	0.48	2	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-OXN	2020/21-2	Wet	1/29/2021 11:10:00 AM	3/5/2021 7:23:00 AM	2,4,5-Trichlorophenol	n/a	<	5.8	µg/L	EPA 8270C	5.8	20	WKL	
MO-OXN	2020/21-2	Wet	1/29/2021 11:10:00 AM	2/9/2021 11:55:00 PM	2,4,6-Trichlorophenol	n/a	<	4.4	µg/L	EPA 625.1	4.4	20	WKL	
MO-OXN	2020/21-2	Wet	1/29/2021 11:10:00 AM	3/5/2021 7:23:00 AM	2,4,6-Trichlorophenol	n/a	<	6	µg/L	EPA 8270C	6	20	WKL	
MO-OXN	2020/21-2	Wet	1/29/2021 11:10:00 AM	2/9/2021 11:55:00 PM	2,4-Dichlorophenol	n/a	<	5.2	µg/L	EPA 625.1	5.2	20	WKL	
MO-OXN	2020/21-2	Wet	1/29/2021 11:10:00 AM	3/5/2021 7:23:00 AM	2,4-Dichlorophenol	n/a	<	10	µg/L	EPA 8270C	10	20	WKL	
MO-OXN	2020/21-2	Wet	1/29/2021 11:10:00 AM	2/9/2021 11:55:00 PM	2,4-Dimethylphenol	n/a	<	6	µg/L	EPA 625.1	6	20	WKL	
MO-OXN	2020/21-2	Wet	1/29/2021 11:10:00 AM	3/5/2021 7:23:00 AM	2,4-Dimethylphenol	n/a	<	20	µg/L	EPA 8270C	20	40	WKL	
MO-OXN	2020/21-2	Wet	1/29/2021 11:10:00 AM	3/5/2021 7:23:00 AM	2,4-Dinitrophenol	n/a	<	20	µg/L	EPA 8270C	20	40	WKL	
MO-OXN	2020/21-2	Wet	1/29/2021 11:10:00 AM	2/9/2021 11:55:00 PM	2,4-Dinitrophenol	n/a	<	37	µg/L	EPA 625.1	37	200	WKL	
MO-OXN	2020/21-2	Wet	1/29/2021 11:10:00 AM	2/9/2021 11:55:00 PM	2,4-Dinitrotoluene	n/a	<	3.6	µg/L	EPA 625.1	3.6	20	WKL	
MO-OXN	2020/21-2	Wet	1/29/2021 11:10:00 AM	2/9/2021 11:55:00 PM	2,6-Dinitrotoluene	n/a	<	5.4	µg/L	EPA 625.1	5.4	20	WKL	
MO-OXN	2020/21-2	Wet	1/29/2021 11:10:00 AM	2/9/2021 11:55:00 PM	2-Chloronaphthalene	n/a	<	9	µg/L	EPA 625.1	9	20	WKL	
MO-OXN	2020/21-2	Wet	1/29/2021 11:10:00 AM	2/9/2021 11:55:00 PM	2-Chlorophenol	n/a	<	5.6	µg/L	EPA 625.1	5.6	20	WKL	
MO-OXN	2020/21-2	Wet	1/29/2021 11:10:00 AM	3/5/2021 7:23:00 AM	2-Chlorophenol	n/a	<	13	µg/L	EPA 8270C	13	20	WKL	
MO-OXN	2020/21-2	Wet	1/29/2021 11:10:00 AM	2/27/2021 4:55:00 PM	2-Methylnaphthalene	n/a	<	0.52	µg/L	EPA 8270C	0.52	2	WKL	
MO-OXN	2020/21-2	Wet	1/29/2021 11:10:00 AM	3/5/2021 7:23:00 AM	2-Methylphenol	n/a	<	6.8	µg/L	EPA 8270C	6.8	20	WKL	
MO-OXN	2020/21-2	Wet	1/29/2021 11:10:00 AM	2/9/2021 11:55:00 PM	2-Nitrophenol	n/a	<	5.2	µg/L	EPA 625.1	5.2	20	WKL	
MO-OXN	2020/21-2	Wet	1/29/2021 11:10:00 AM	3/5/2021 7:23:00 AM	2-Nitrophenol	n/a	<	14	µg/L	EPA 8270C	14	20	WKL	
MO-OXN	2020/21-2	Wet	1/29/2021 11:10:00 AM	2/9/2021 11:55:00 PM	3,3'-Dichlorobenzidine	n/a	<	20	µg/L	EPA 625.1	20	100	WKL	
MO-OXN	2020/21-2	Wet	1/29/2021 11:10:00 AM	3/5/2021 7:23:00 AM	3-/4-Methylphenol	n/a	<	6	µg/L	EPA 8270C	6	20	WKL	
MO-OXN	2020/21-2	Wet	1/29/2021 11:10:00 AM	2/9/2021 11:55:00 PM	4,6-Dinitro-2-methylphenol	n/a	<	28	µg/L	EPA 625.1	28	100	WKL	
MO-OXN	2020/21-2	Wet	1/29/2021 11:10:00 AM	3/5/2021 7:23:00 AM	4,6-Dinitro-2-methylphenol	n/a	<	2.8	µg/L	EPA 8270C	2.8	20	WKL	
MO-OXN	2020/21-2	Wet	1/29/2021 11:10:00 AM	2/9/2021 11:55:00 PM	4-Bromophenyl phenyl ether	n/a	<	7.2	µg/L	EPA 625.1	7.2	20	WKL	
MO-OXN	2020/21-2	Wet	1/29/2021 11:10:00 AM	2/9/2021 11:55:00 PM	4-Chloro-3-methylphenol	n/a	<	4.6	µg/L	EPA 625.1	4.6	20	WKL	
MO-OXN	2020/21-2	Wet	1/29/2021 11:10:00 AM	3/5/2021 7:23:00 AM	4-Chloro-3-methylphenol	n/a	<	7.4	µg/L	EPA 8270C	7.4	20	WKL	
MO-OXN	2020/21-2	Wet	1/29/2021 11:10:00 AM	2/9/2021 11:55:00 PM	4-Chlorophenyl phenyl ether	n/a	<	8.2	µg/L	EPA 625.1	8.2	20	WKL	
MO-OXN	2020/21-2	Wet	1/29/2021 11:10:00 AM	2/9/2021 11:55:00 PM	4-Nitrophenol	n/a	<	25	µg/L	EPA 625.1	25	100	WKL	
MO-OXN	2020/21-2	Wet	1/29/2021 11:10:00 AM	3/5/2021 7:23:00 AM	4-Nitrophenol	n/a	<	20	µg/L	EPA 8270C	20	40	WKL	
MO-OXN	2020/21-2	Wet	1/29/2021 11:10:00 AM	2/9/2021 11:55:00 PM	Acenaphthene	n/a	<	7.6	µg/L	EPA 625.1	7.6	20	WKL	
MO-OXN	2020/21-2	Wet	1/29/2021 11:10:00 AM	2/27/2021 4:55:00 PM	Acenaphthene	n/a	<	0.56	µg/L	EPA 8270C	0.56	2	WKL	
MO-OXN	2020/21-2	Wet	1/29/2021 11:10:00 AM	2/9/2021 11:55:00 PM	Acenaphthylene	n/a	<	3.4	µg/L	EPA 625.1	3.4	20	WKL	
MO-OXN	2020/21-2	Wet	1/29/2021 11:10:00 AM	2/27/2021 4:55:00 PM	Acenaphthylene	n/a	<	0.66	µg/L	EPA 8270C	0.66	2	WKL	
MO-OXN	2020/21-2	Wet	1/29/2021 11:10:00 AM	2/9/2021 11:55:00 PM	Anthracene	n/a	<	2.4	µg/L	EPA 625.1	2.4	20	WKL	
MO-OXN	2020/21-2	Wet	1/29/2021 11:10:00 AM	2/27/2021 4:55:00 PM	Anthracene	n/a	<	0.5	µg/L	EPA 8270C	0.5	2	WKL	
MO-OXN	2020/21-2	Wet	1/29/2021 11:10:00 AM	2/9/2021 11:55:00 PM	Benz(a)anthracene	n/a	<	3.8	µg/L	EPA 625.1	3.8	20	WKL	
MO-OXN	2020/21-2	Wet	1/29/2021 11:10:00 AM	2/27/2021 4:55:00 PM	Benz(a)anthracene	n/a	<	1	µg/L	EPA 8270C	1	2	WKL	
MO-OXN	2020/21-2	Wet	1/29/2021 11:10:00 AM	2/9/2021 11:55:00 PM	Benzidine	n/a	<	29	µg/L	EPA 625.1	29	200	WKL	
MO-OXN	2020/21-2	Wet	1/29/2021 11:10:00 AM	2/13/2021 8:52:00 AM	Benzo(a)pyrene	n/a	<	0.1	µg/L	EPA 525.2	0.1	0.5	WKL	
MO-OXN	2020/21-2	Wet	1/29/2021 11:10:00 AM	2/9/2021 11:55:00 PM	Benzo(a)pyrene	n/a	<	7.8	µg/L	EPA 625.1	7.8	20	WKL	
MO-OXN	2020/21-2	Wet	1/29/2021 11:10:00 AM	2/27/2021 4:55:00 PM	Benzo(a)pyrene	n/a	<	1	µg/L	EPA 8270C	1	2	WKL	
MO-OXN	2020/21-2	Wet	1/29/2021 11:10:00 AM	2/9/2021 11:55:00 PM	Benzo(b)fluoranthene	n/a	<	9.2	µg/L	EPA 625.1	9.2	20	WKL	
MO-OXN	2020/21-2	Wet	1/29/2021 11:10:00 AM	2/27/2021 4:55:00 PM	Benzo(b)fluoranthene	n/a	DNQ	1.5	µg/L	EPA 8270C	0.54	2	WKL	
MO-OXN	2020/21-2	Wet	1/29/2021 11:10:00 AM	2/9/2021 11:55:00 PM	Benzo(g,h,i)perylene	n/a	<	8.4	µg/L	EPA 625.1	8.4	40	WKL	
MO-OXN	2020/21-2	Wet	1/29/2021 11:10:00 AM	2/27/2021 4:55:00 PM	Benzo(g,h,i)perylene	n/a	<	1	µg/L	EPA 8270C	1	2	WKL	
MO-OXN	2020/21-2	Wet	1/29/2021 11:10:00 AM	2/9/2021 11:55:00 PM	Benzo(k)fluoranthene	n/a	<	4.4	µg/L	EPA 625.1	4.4	20	WKL	
MO-OXN	2020/21-2	Wet	1/29/2021 11:10:00 AM	2/27/2021 4:55:00 PM	Benzo(k)fluoranthene	n/a	<	0.52	µg/L	EPA 8270C	0.52	2	WKL	
MO-OXN	2020/21-2	Wet	1/29/2021 11:10:00 AM	2/9/2021 11:55:00 PM	Bis(2-chloroethoxy)methane	n/a	<	5	µg/L	EPA 625.1	5	20	WKL	
MO-OXN	2020/21-2	Wet	1/29/2021 11:10:00 AM	2/9/2021 11:55:00 PM	Bis(2-chloroethyl)ether	n/a	<	5.4	µg/L	EPA 625.1	5.4	20	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-OXN	2020/21-2	Wet	1/29/2021 11:10:00 AM	2/9/2021 11:55:00 PM	Bis(2-chloroisopropyl)ether	n/a	<	7.6	µg/L	EPA 625.1	7.6	20	WKL	
MO-OXN	2020/21-2	Wet	1/29/2021 11:10:00 AM	2/13/2021 8:52:00 AM	Bis(2-ethylhexyl)adipate	n/a	DNQ	1.7	µg/L	EPA 525.2	0.6	25	WKL	
MO-OXN	2020/21-2	Wet	1/29/2021 11:10:00 AM	2/13/2021 8:52:00 AM	Bis(2-ethylhexyl)phthalate	n/a	DNQ	3.3	µg/L	EPA 525.2	2	15	WKL	
MO-OXN	2020/21-2	Wet	1/29/2021 11:10:00 AM	2/9/2021 11:55:00 PM	Bis(2-ethylhexyl)phthalate	n/a	<	46	µg/L	EPA 625.1	46	100	WKL	
MO-OXN	2020/21-2	Wet	1/29/2021 11:10:00 AM	2/9/2021 11:55:00 PM	Butyl benzyl phthalate	n/a	<	3.6	µg/L	EPA 625.1	3.6	20	WKL	
MO-OXN	2020/21-2	Wet	1/29/2021 11:10:00 AM	2/9/2021 11:55:00 PM	Chrysene	n/a	<	3.8	µg/L	EPA 625.1	3.8	20	WKL	
MO-OXN	2020/21-2	Wet	1/29/2021 11:10:00 AM	2/27/2021 4:55:00 PM	Chrysene	n/a	<	0.64	µg/L	EPA 8270C	0.64	2	WKL	
MO-OXN	2020/21-2	Wet	1/29/2021 11:10:00 AM	2/9/2021 11:55:00 PM	Dibenz(a,h)anthracene	n/a	<	11	µg/L	EPA 625.1	11	40	WKL	
MO-OXN	2020/21-2	Wet	1/29/2021 11:10:00 AM	2/27/2021 4:55:00 PM	Dibenz(a,h)anthracene	n/a	<	1.9	µg/L	EPA 8270C	1.9	2	WKL	
MO-OXN	2020/21-2	Wet	1/29/2021 11:10:00 AM	2/9/2021 11:55:00 PM	Diethyl phthalate	n/a	<	3	µg/L	EPA 625.1	3	20	WKL	
MO-OXN	2020/21-2	Wet	1/29/2021 11:10:00 AM	2/9/2021 11:55:00 PM	Dimethyl phthalate	n/a	<	3.6	µg/L	EPA 625.1	3.6	20	WKL	
MO-OXN	2020/21-2	Wet	1/29/2021 11:10:00 AM	2/9/2021 11:55:00 PM	Di-n-butylphthalate	n/a	<	2	µg/L	EPA 625.1	2	20	WKL	
MO-OXN	2020/21-2	Wet	1/29/2021 11:10:00 AM	2/9/2021 11:55:00 PM	Di-n-octylphthalate	n/a	<	9.2	µg/L	EPA 625.1	9.2	20	WKL	
MO-OXN	2020/21-2	Wet	1/29/2021 11:10:00 AM	2/27/2021 4:55:00 PM	Fluoranthene	n/a	<	0.78	µg/L	EPA 8270C	0.78	2	WKL	
MO-OXN	2020/21-2	Wet	1/29/2021 11:10:00 AM	2/9/2021 11:55:00 PM	Fluoranthene	n/a	<	1.6	µg/L	EPA 625.1	1.6	20	WKL	
MO-OXN	2020/21-2	Wet	1/29/2021 11:10:00 AM	2/9/2021 11:55:00 PM	Fluorene	n/a	<	7	µg/L	EPA 625.1	7	20	WKL	
MO-OXN	2020/21-2	Wet	1/29/2021 11:10:00 AM	2/27/2021 4:55:00 PM	Fluorene	n/a	<	0.58	µg/L	EPA 8270C	0.58	2	WKL	
MO-OXN	2020/21-2	Wet	1/29/2021 11:10:00 AM	2/9/2021 11:55:00 PM	Hexachlorobenzene	n/a	<	9.8	µg/L	EPA 625.1	9.8	20	WKL	
MO-OXN	2020/21-2	Wet	1/29/2021 11:10:00 AM	2/9/2021 11:55:00 PM	Hexachlorobutadiene	n/a	<	9.4	µg/L	EPA 625.1	9.4	20	WKL	
MO-OXN	2020/21-2	Wet	1/29/2021 11:10:00 AM	2/9/2021 11:55:00 PM	Hexachlorocyclopentadiene	n/a	<	20	µg/L	EPA 625.1	20	100	WKL	
MO-OXN	2020/21-2	Wet	1/29/2021 11:10:00 AM	2/9/2021 11:55:00 PM	Hexachloroethane	n/a	<	10	µg/L	EPA 625.1	10	20	WKL	
MO-OXN	2020/21-2	Wet	1/29/2021 11:10:00 AM	2/9/2021 11:55:00 PM	Indeno(1,2,3-cd)pyrene	n/a	<	11	µg/L	EPA 625.1	11	40	WKL	
MO-OXN	2020/21-2	Wet	1/29/2021 11:10:00 AM	2/27/2021 4:55:00 PM	Indeno(1,2,3-cd)pyrene	n/a	<	1.3	µg/L	EPA 8270C	1.3	2	WKL	
MO-OXN	2020/21-2	Wet	1/29/2021 11:10:00 AM	2/9/2021 11:55:00 PM	Isophorone	n/a	<	4.2	µg/L	EPA 625.1	4.2	20	WKL	
MO-OXN	2020/21-2	Wet	1/29/2021 11:10:00 AM	2/9/2021 11:55:00 PM	Naphthalene	n/a	<	9.8	µg/L	EPA 625.1	9.8	20	WKL	
MO-OXN	2020/21-2	Wet	1/29/2021 11:10:00 AM	2/27/2021 4:55:00 PM	Naphthalene	n/a	<	0.52	µg/L	EPA 8270C	0.52	2	WKL	
MO-OXN	2020/21-2	Wet	1/29/2021 11:10:00 AM	2/9/2021 11:55:00 PM	Nitrobenzene	n/a	<	7.2	µg/L	EPA 625.1	7.2	20	WKL	
MO-OXN	2020/21-2	Wet	1/29/2021 11:10:00 AM	2/9/2021 11:55:00 PM	N-Nitrosodimethylamine	n/a	<	10	µg/L	EPA 625.1	10	20	WKL	
MO-OXN	2020/21-2	Wet	1/29/2021 11:10:00 AM	2/9/2021 11:55:00 PM	N-Nitrosodi-N-propylamine	n/a	<	5.2	µg/L	EPA 625.1	5.2	20	WKL	
MO-OXN	2020/21-2	Wet	1/29/2021 11:10:00 AM	2/9/2021 11:55:00 PM	N-Nitrosodiphenylamine	n/a	<	3.8	µg/L	EPA 625.1	3.8	20	WKL	
MO-OXN	2020/21-2	Wet	1/29/2021 11:10:00 AM	2/9/2021 11:55:00 PM	Phenanthrene	n/a	<	6.4	µg/L	EPA 625.1	6.4	20	WKL	
MO-OXN	2020/21-2	Wet	1/29/2021 11:10:00 AM	2/27/2021 4:55:00 PM	Phenanthrene	n/a	<	0.58	µg/L	EPA 8270C	0.58	2	WKL	
MO-OXN	2020/21-2	Wet	1/29/2021 11:10:00 AM	2/9/2021 11:55:00 PM	Phenol	n/a	<	3.2	µg/L	EPA 625.1	3.2	20	WKL	
MO-OXN	2020/21-2	Wet	1/29/2021 11:10:00 AM	3/5/2021 7:23:00 AM	Phenol	n/a	<	7	µg/L	EPA 8270C	7	20	WKL	
MO-OXN	2020/21-2	Wet	1/29/2021 11:10:00 AM	2/9/2021 11:55:00 PM	Pyrene	n/a	<	5	µg/L	EPA 625.1	5	20	WKL	
MO-OXN	2020/21-2	Wet	1/29/2021 11:10:00 AM	2/27/2021 4:55:00 PM	Pyrene	n/a	<	0.8	µg/L	EPA 8270C	0.8	2	WKL	
MO-OXN	2020/21-2	Wet	1/29/2021 11:10:00 AM	2/17/2021 1:05:00 AM	PCB Aroclor 1016	n/a	<	5	µg/L	EPA 608.3	5	5	WKL	
MO-OXN	2020/21-2	Wet	1/29/2021 11:10:00 AM	2/17/2021 1:05:00 AM	PCB Aroclor 1221	n/a	<	5	µg/L	EPA 608.3	5	5	WKL	
MO-OXN	2020/21-2	Wet	1/29/2021 11:10:00 AM	2/17/2021 1:05:00 AM	PCB Aroclor 1232	n/a	<	5	µg/L	EPA 608.3	5	5	WKL	
MO-OXN	2020/21-2	Wet	1/29/2021 11:10:00 AM	2/17/2021 1:05:00 AM	PCB Aroclor 1242	n/a	<	5	µg/L	EPA 608.3	5	5	WKL	
MO-OXN	2020/21-2	Wet	1/29/2021 11:10:00 AM	2/17/2021 1:05:00 AM	PCB Aroclor 1248	n/a	<	5	µg/L	EPA 608.3	5	5	WKL	
MO-OXN	2020/21-2	Wet	1/29/2021 11:10:00 AM	2/17/2021 1:05:00 AM	PCB Aroclor 1254	n/a	<	5	µg/L	EPA 608.3	5	5	WKL	
MO-OXN	2020/21-2	Wet	1/29/2021 11:10:00 AM	2/17/2021 1:05:00 AM	PCB Aroclor 1260	n/a	<	5	µg/L	EPA 608.3	5	5	WKL	
MO-OXN	2020/21-2	Wet	1/29/2021 11:10:00 AM	2/13/2021 6:36:00 AM	2,4,5-T	n/a	<	0.55	µg/L	EPA 515.4	0.55	2	WKL	
MO-OXN	2020/21-2	Wet	1/29/2021 11:10:00 AM	2/13/2021 6:36:00 AM	2,4,5-TP	n/a	<	0.46	µg/L	EPA 515.4	0.46	2	WKL	
MO-OXN	2020/21-2	Wet	1/29/2021 11:10:00 AM	2/13/2021 6:36:00 AM	2,4-D	n/a	<	1.4	µg/L	EPA 515.4	1.4	4	WKL	
MO-OXN	2020/21-2	Wet	1/29/2021 11:10:00 AM	2/13/2021 6:36:00 AM	2,4-DB	n/a	<	1.9	µg/L	EPA 515.4	1.9	20	WKL	
MO-OXN	2020/21-2	Wet	1/29/2021 11:10:00 AM	2/13/2021 6:36:00 AM	3,5-Dichlorobenzoic acid	n/a	<	1.2	µg/L	EPA 515.4	1.2	10	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-OXN	2020/21-2	Wet	1/29/2021 11:10:00 AM	2/17/2021 1:05:00 AM	4,4'-DDD	n/a	<	0.007	µg/L	EPA 608.3	0.007	0.5	WKL	
MO-OXN	2020/21-2	Wet	1/29/2021 11:10:00 AM	2/17/2021 1:05:00 AM	4,4'-DDE	n/a	<	0.5	µg/L	EPA 608.3	0.5	0.5	WKL	
MO-OXN	2020/21-2	Wet	1/29/2021 11:10:00 AM	2/17/2021 1:05:00 AM	4,4'-DDT	n/a	<	0.1	µg/L	EPA 608.3	0.1	0.1	WKL	
MO-OXN	2020/21-2	Wet	1/29/2021 11:10:00 AM	2/13/2021 6:36:00 AM	Acifluorfen	n/a	<	0.72	µg/L	EPA 515.4	0.72	4	WKL	
MO-OXN	2020/21-2	Wet	1/29/2021 11:10:00 AM	2/13/2021 8:52:00 AM	Alachlor	n/a	<	0.15	µg/L	EPA 525.2	0.15	0.5	WKL	
MO-OXN	2020/21-2	Wet	1/29/2021 11:10:00 AM	2/17/2021 1:05:00 AM	Aldrin	n/a	<	0.01	µg/L	EPA 608.3	0.01	0.05	WKL	
MO-OXN	2020/21-2	Wet	1/29/2021 11:10:00 AM	2/17/2021 1:05:00 AM	alpha-BHC	n/a	<	0.011	µg/L	EPA 608.3	0.011	0.1	WKL	
MO-OXN	2020/21-2	Wet	1/29/2021 11:10:00 AM	2/17/2021 1:05:00 AM	alpha-Chlordane	n/a	<	0.029	µg/L	EPA 608.3	0.029	0.1	WKL	
MO-OXN	2020/21-2	Wet	1/29/2021 11:10:00 AM	2/13/2021 8:52:00 AM	Atrazine	n/a	<	0.15	µg/L	EPA 525.2	0.15	0.5	WKL	
MO-OXN	2020/21-2	Wet	1/29/2021 11:10:00 AM	2/3/2021 10:27:00 PM	Azinphos methyl	n/a	<	0.055	µg/L	EPA 625.1m	0.055	0.1	WKL	
MO-OXN	2020/21-2	Wet	1/29/2021 11:10:00 AM	2/13/2021 6:36:00 AM	Bentazon	n/a	<	2.3	µg/L	EPA 515.4	2.3	20	WKL	
MO-OXN	2020/21-2	Wet	1/29/2021 11:10:00 AM	2/17/2021 1:05:00 AM	beta-BHC	n/a	<	0.05	µg/L	EPA 608.3	0.05	0.05	WKL	
MO-OXN	2020/21-2	Wet	1/29/2021 11:10:00 AM	2/3/2021 10:27:00 PM	Bolstar	n/a	<	0.046	µg/L	EPA 625.1m	0.046	0.1	WKL	
MO-OXN	2020/21-2	Wet	1/29/2021 11:10:00 AM	2/13/2021 8:52:00 AM	Bromacil	n/a	<	0.8	µg/L	EPA 525.2	0.8	2.5	WKL	
MO-OXN	2020/21-2	Wet	1/29/2021 11:10:00 AM	2/13/2021 8:52:00 AM	Butachlor	n/a	<	0.15	µg/L	EPA 525.2	0.15	0.5	WKL	
MO-OXN	2020/21-2	Wet	1/29/2021 11:10:00 AM	2/13/2021 8:52:00 AM	Captan	n/a	<	0.8	µg/L	EPA 525.2	0.8	5	WKL	
MO-OXN	2020/21-2	Wet	1/29/2021 11:10:00 AM	2/17/2021 1:05:00 AM	Chlordane (technical)	n/a	<	5	µg/L	EPA 608.3	5	5	WKL	
MO-OXN	2020/21-2	Wet	1/29/2021 11:10:00 AM	2/13/2021 10:27:00 PM	Chlorpropham	n/a	<	0.2	µg/L	EPA 525.2	0.2	0.5	WKL	
MO-OXN	2020/21-2	Wet	1/29/2021 11:10:00 AM	2/3/2021 10:27:00 PM	Chlorpyrifos	n/a	<	0.069	µg/L	EPA 625.1m	0.069	0.1	WKL	
MO-OXN	2020/21-2	Wet	1/29/2021 11:10:00 AM	2/3/2021 10:27:00 PM	Coumaphos	n/a	<	0.051	µg/L	EPA 625.1m	0.051	0.1	WKL	
MO-OXN	2020/21-2	Wet	1/29/2021 11:10:00 AM	2/13/2021 8:52:00 AM	Cyanazine	n/a	<	0.2	µg/L	EPA 525.2	0.2	0.5	WKL	
MO-OXN	2020/21-2	Wet	1/29/2021 11:10:00 AM	2/13/2021 6:36:00 AM	Dalapon	n/a	<	1.1	µg/L	EPA 515.4	1.1	4	WKL	
MO-OXN	2020/21-2	Wet	1/29/2021 11:10:00 AM	2/13/2021 6:36:00 AM	DCCA (Daacthal)	n/a	<	0.53	µg/L	EPA 515.4	0.53	1	WKL	
MO-OXN	2020/21-2	Wet	1/29/2021 11:10:00 AM	2/17/2021 1:05:00 AM	delta-BHC	n/a	<	0.019	µg/L	EPA 608.3	0.019	0.05	WKL	
MO-OXN	2020/21-2	Wet	1/29/2021 11:10:00 AM	2/3/2021 10:27:00 PM	Demeton-O	n/a	<	0.1	µg/L	EPA 625.1m	0.1	0.1	WKL	
MO-OXN	2020/21-2	Wet	1/29/2021 11:10:00 AM	2/3/2021 10:27:00 PM	Demeton-S	n/a	<	0.1	µg/L	EPA 625.1m	0.1	0.1	WKL	
MO-OXN	2020/21-2	Wet	1/29/2021 11:10:00 AM	2/13/2021 8:52:00 AM	Diazinon	n/a	<	0.25	µg/L	EPA 525.2	0.25	0.5	WKL	
MO-OXN	2020/21-2	Wet	1/29/2021 11:10:00 AM	2/3/2021 10:27:00 PM	Diazinon	n/a	<	0.052	µg/L	EPA 625.1m	0.052	0.1	WKL	
MO-OXN	2020/21-2	Wet	1/29/2021 11:10:00 AM	2/13/2021 6:36:00 AM	Dicamba	n/a	<	0.75	µg/L	EPA 515.4	0.75	6	WKL	
MO-OXN	2020/21-2	Wet	1/29/2021 11:10:00 AM	2/13/2021 6:36:00 AM	Dichlorprop	n/a	<	1.2	µg/L	EPA 515.4	1.2	3	WKL	
MO-OXN	2020/21-2	Wet	1/29/2021 11:10:00 AM	2/3/2021 10:27:00 PM	Dichlorvos	n/a	<	0.029	µg/L	EPA 625.1m	0.029	0.1	WKL	
MO-OXN	2020/21-2	Wet	1/29/2021 11:10:00 AM	2/17/2021 1:05:00 AM	Dieldrin	n/a	<	0.008	µg/L	EPA 608.3	0.008	0.1	WKL	
MO-OXN	2020/21-2	Wet	1/29/2021 11:10:00 AM	2/13/2021 8:52:00 AM	Dimethoate	n/a	<	0.1	µg/L	EPA 525.2	0.1	1	WKL	
MO-OXN	2020/21-2	Wet	1/29/2021 11:10:00 AM	2/3/2021 10:27:00 PM	Dimethoate	n/a	<	0.062	µg/L	EPA 625.1m	0.062	0.1	WKL	
MO-OXN	2020/21-2	Wet	1/29/2021 11:10:00 AM	2/13/2021 6:36:00 AM	Dinoseb	n/a	<	0.55	µg/L	EPA 515.4	0.55	4	WKL	
MO-OXN	2020/21-2	Wet	1/29/2021 11:10:00 AM	2/13/2021 8:52:00 AM	Diphenamid	n/a	<	0.15	µg/L	EPA 525.2	0.15	0.5	WKL	
MO-OXN	2020/21-2	Wet	1/29/2021 11:10:00 AM	2/13/2021 8:52:00 AM	Disulfoton	n/a	<	0.2	µg/L	EPA 525.2	0.2	0.5	WKL	
MO-OXN	2020/21-2	Wet	1/29/2021 11:10:00 AM	2/3/2021 10:27:00 PM	Disulfoton	n/a	<	0.1	µg/L	EPA 625.1m	0.1	0.1	WKL	
MO-OXN	2020/21-2	Wet	1/29/2021 11:10:00 AM	2/17/2021 1:05:00 AM	Endosulfan I	n/a	<	0.009	µg/L	EPA 608.3	0.009	0.2	WKL	
MO-OXN	2020/21-2	Wet	1/29/2021 11:10:00 AM	2/17/2021 1:05:00 AM	Endosulfan II	n/a	<	0.007	µg/L	EPA 608.3	0.007	0.1	WKL	
MO-OXN	2020/21-2	Wet	1/29/2021 11:10:00 AM	2/17/2021 1:05:00 AM	Endosulfan sulfate	n/a	<	0.013	µg/L	EPA 608.3	0.013	0.5	WKL	
MO-OXN	2020/21-2	Wet	1/29/2021 11:10:00 AM	2/17/2021 1:05:00 AM	Endrin	n/a	<	0.017	µg/L	EPA 608.3	0.017	0.1	WKL	
MO-OXN	2020/21-2	Wet	1/29/2021 11:10:00 AM	2/17/2021 1:05:00 AM	Endrin aldehyde	n/a	<	0.1	µg/L	EPA 608.3	0.1	0.1	WKL	
MO-OXN	2020/21-2	Wet	1/29/2021 11:10:00 AM	2/13/2021 8:52:00 AM	EPTC	n/a	<	0.1	µg/L	EPA 525.2	0.1	0.5	WKL	
MO-OXN	2020/21-2	Wet	1/29/2021 11:10:00 AM	2/3/2021 10:27:00 PM	Ethoprop	n/a	<	0.067	µg/L	EPA 625.1m	0.067	0.1	WKL	
MO-OXN	2020/21-2	Wet	1/29/2021 11:10:00 AM	2/3/2021 10:27:00 PM	Ethyl parathion	n/a	<	0.054	µg/L	EPA 625.1m	0.054	0.1	WKL	
MO-OXN	2020/21-2	Wet	1/29/2021 11:10:00 AM	2/3/2021 10:27:00 PM	Fensulfothion	n/a	<	0.029	µg/L	EPA 625.1m	0.029	0.1	WKL	
MO-OXN	2020/21-2	Wet	1/29/2021 11:10:00 AM	2/3/2021 10:27:00 PM	Fenthion	n/a	<	0.038	µg/L	EPA 625.1m	0.038	0.1	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-OXN	2020/21-2	Wet	1/29/2021 11:10:00 AM	2/17/2021 1:05:00 AM	gamma-BHC (Lindane)	n/a	<	0.2	µg/L	EPA 608.3	0.2	0.2	WKL	
MO-OXN	2020/21-2	Wet	1/29/2021 11:10:00 AM	2/17/2021 1:05:00 AM	gamma-Chlordane	n/a	<	0.1	µg/L	EPA 608.3	0.1	0.1	WKL	
MO-OXN	2020/21-2	Wet	1/29/2021 11:10:00 AM	2/3/2021 6:18:00 PM	Glyphosate	n/a	=	13	µg/L	EPA 547	1.8	5	WKL	
MO-OXN	2020/21-2	Wet	1/29/2021 11:10:00 AM	2/17/2021 1:05:00 AM	Heptachlor	n/a	<	0.1	µg/L	EPA 608.3	0.1	0.1	WKL	
MO-OXN	2020/21-2	Wet	1/29/2021 11:10:00 AM	2/17/2021 1:05:00 AM	Heptachlor epoxide	n/a	<	0.004	µg/L	EPA 608.3	0.004	0.1	WKL	
MO-OXN	2020/21-2	Wet	1/29/2021 11:10:00 AM	2/3/2021 10:27:00 PM	Malathion	n/a	=	0.11	µg/L	EPA 625.1m	0.076	0.1	WKL	
MO-OXN	2020/21-2	Wet	1/29/2021 11:10:00 AM	2/3/2021 10:27:00 PM	Merphos	n/a	<	0.058	µg/L	EPA 625.1m	0.058	0.1	WKL	
MO-OXN	2020/21-2	Wet	1/29/2021 11:10:00 AM	2/17/2021 1:05:00 AM	Methoxychlor	n/a	<	0.2	µg/L	EPA 608.3	0.2	0.2	WKL	
MO-OXN	2020/21-2	Wet	1/29/2021 11:10:00 AM	2/3/2021 10:27:00 PM	Methyl parathion	n/a	<	0.063	µg/L	EPA 625.1m	0.063	0.1	WKL	
MO-OXN	2020/21-2	Wet	1/29/2021 11:10:00 AM	2/13/2021 8:52:00 AM	Metolachlor	n/a	<	0.15	µg/L	EPA 525.2	0.15	0.5	WKL	
MO-OXN	2020/21-2	Wet	1/29/2021 11:10:00 AM	2/13/2021 8:52:00 AM	Metribuzin	n/a	<	0.15	µg/L	EPA 525.2	0.15	0.5	WKL	
MO-OXN	2020/21-2	Wet	1/29/2021 11:10:00 AM	2/3/2021 10:27:00 PM	Mevinphos	n/a	<	0.042	µg/L	EPA 625.1m	0.042	0.1	WKL	
MO-OXN	2020/21-2	Wet	1/29/2021 11:10:00 AM	2/13/2021 8:52:00 AM	Molinate	n/a	<	0.15	µg/L	EPA 525.2	0.15	0.5	WKL	
MO-OXN	2020/21-2	Wet	1/29/2021 11:10:00 AM	2/3/2021 10:27:00 PM	Naled	n/a	<	0.076	µg/L	EPA 625.1m	0.076	0.1	WKL	
MO-OXN	2020/21-2	Wet	1/29/2021 11:10:00 AM	3/5/2021 7:23:00 AM	Pentachlorophenol	n/a	<	3	µg/L	EPA 8270C	3	20	WKL	
MO-OXN	2020/21-2	Wet	1/29/2021 11:10:00 AM	2/13/2021 6:36:00 AM	Pentachlorophenol	n/a	<	0.46	µg/L	EPA 515.4	0.46	2	WKL	
MO-OXN	2020/21-2	Wet	1/29/2021 11:10:00 AM	2/9/2021 11:55:00 PM	Pentachlorophenol	n/a	<	8	µg/L	EPA 625.1	8	20	WKL	
MO-OXN	2020/21-2	Wet	1/29/2021 11:10:00 AM	2/3/2021 10:27:00 PM	Phorate	n/a	<	0.03	µg/L	EPA 625.1m	0.03	0.1	WKL	
MO-OXN	2020/21-2	Wet	1/29/2021 11:10:00 AM	2/13/2021 6:36:00 AM	Picloram	n/a	<	0.38	µg/L	EPA 515.4	0.38	6	WKL	
MO-OXN	2020/21-2	Wet	1/29/2021 11:10:00 AM	2/13/2021 8:52:00 AM	Prometon	n/a	<	0.05	µg/L	EPA 525.2	0.05	0.5	WKL	
MO-OXN	2020/21-2	Wet	1/29/2021 11:10:00 AM	2/13/2021 8:52:00 AM	Prometryn	n/a	<	0.15	µg/L	EPA 525.2	0.15	0.5	WKL	
MO-OXN	2020/21-2	Wet	1/29/2021 11:10:00 AM	2/3/2021 10:27:00 PM	Ronnel (Fenchlorphos)	n/a	<	0.041	µg/L	EPA 625.1m	0.041	0.1	WKL	
MO-OXN	2020/21-2	Wet	1/29/2021 11:10:00 AM	2/13/2021 8:52:00 AM	Simazine	n/a	<	0.1	µg/L	EPA 525.2	0.1	0.5	WKL	
MO-OXN	2020/21-2	Wet	1/29/2021 11:10:00 AM	2/3/2021 10:27:00 PM	Stirophos (Tetrachlorvinphos)	n/a	<	0.031	µg/L	EPA 625.1m	0.031	0.1	WKL	
MO-OXN	2020/21-2	Wet	1/29/2021 11:10:00 AM	2/13/2021 8:52:00 AM	Terbacil	n/a	<	0.45	µg/L	EPA 525.2	0.45	10	WKL	
MO-OXN	2020/21-2	Wet	1/29/2021 11:10:00 AM	2/13/2021 8:52:00 AM	Thiobencarb	n/a	<	0.15	µg/L	EPA 525.2	0.15	0.5	WKL	
MO-OXN	2020/21-2	Wet	1/29/2021 11:10:00 AM	2/3/2021 10:27:00 PM	Tokuthion	n/a	<	0.078	µg/L	EPA 625.1m	0.078	0.1	WKL	
MO-OXN	2020/21-2	Wet	1/29/2021 11:10:00 AM	2/17/2021 1:05:00 AM	Toxaphene	n/a	<	10	µg/L	EPA 608.3	10	10	WKL	
MO-OXN	2020/21-2	Wet	1/29/2021 11:10:00 AM	2/3/2021 10:27:00 PM	Trichloronate	n/a	<	0.067	µg/L	EPA 625.1m	0.067	0.1	WKL	
MO-OXN	2020/21-2	Wet	1/29/2021 11:10:00 AM	2/13/2021 8:52:00 AM	Trithion	n/a	<	0.1	µg/L	EPA 525.2	0.1	0.5	WKL	
MO-OXN	2020/21-3	Wet	3/10/2021 3:00:00 AM	3/10/2021 3:00:00 AM	Conductivity	n/a	=	130.2	µmhos/cm	Field Meter	-88	1	Field Crew	
MO-OXN	2020/21-3	Wet	3/10/2021 3:00:00 AM	3/15/2021 4:28:00 PM	Cyanide	Total	=	0.0044	mg/L	ASTM D7511	0.0003	0.002	WKL	
MO-OXN	2020/21-3	Wet	3/10/2021 3:00:00 AM	3/10/2021 3:00:00 AM	DO	n/a	=	10.12	mg/L	Field Meter	-88	0.3	Field Crew	
MO-OXN	2020/21-3	Wet	3/10/2021 3:00:00 AM	3/10/2021 3:00:00 AM	DO	n/a	=	96	%	Field Meter	-88	0.1	Field Crew	
MO-OXN	2020/21-3	Wet	3/10/2021 3:00:00 AM	3/10/2021 3:00:00 AM	pH	n/a	=	7.34	pH Units	Field Meter	-88	0.01	Field Crew	
MO-OXN	2020/21-3	Wet	3/10/2021 3:00:00 AM	3/10/2021 3:00:00 AM	Salinity	n/a	=	100	mg/L	Field Meter	-88	100	Field Crew	
MO-OXN	2020/21-3	Wet	3/10/2021 3:00:00 AM	3/10/2021 3:00:00 AM	Specific Conductance	n/a	=	169	µmhos/cm	Field Meter	-88	1	Field Crew	
MO-OXN	2020/21-3	Wet	3/10/2021 3:00:00 AM	3/10/2021 3:00:00 AM	Temperature	n/a	=	12.8	°C	Field Meter	-88	0.1	Field Crew	
MO-OXN	2020/21-3	Wet	3/10/2021 3:00:00 AM	3/24/2021 5:28:00 PM	Oil and Grease	n/a	DNQ	1.5	mg/L	EPA 1664B	0.7	5	WKL	
MO-OXN	2020/21-3	Wet	3/10/2021 4:35:00 AM	3/13/2021 2:57:00 AM	Chloride	n/a	=	30	mg/L	EPA 300.0	0.17	1	WKL	
MO-OXN	2020/21-3	Wet	3/10/2021 4:35:00 AM	3/13/2021 2:57:00 AM	Fluoride	n/a	=	0.23	mg/L	EPA 300.0	0.018	0.2	WKL	
MO-OXN	2020/21-3	Wet	3/10/2021 4:35:00 AM	3/20/2021 4:23:00 AM	Perchlorate	n/a	<	1.7	µg/L	EPA 314.0	1.7	4	WKL	
MO-OXN	2020/21-3	Wet	3/10/2021 4:35:00 AM	3/18/2021 7:45:00 PM	Calcium	Total	=	21.8	mg/L	EPA 200.7	0.16	0.5	WKL	
MO-OXN	2020/21-3	Wet	3/10/2021 4:35:00 AM	3/18/2021 7:45:00 PM	Magnesium	Total	=	5.13	mg/L	EPA 200.7	0.039	0.5	WKL	
MO-OXN	2020/21-3	Wet	3/10/2021 4:35:00 AM	3/11/2021 1:37:00 PM	Alkalinity as CaCO3	n/a	=	31	mg/L	SM 2320 B	0.56	5	WKL	
MO-OXN	2020/21-3	Wet	3/10/2021 4:35:00 AM	3/16/2021 4:56:00 PM	BOD	n/a	=	60	mg/L	SM 5210 B	2	2	WKL	
MO-OXN	2020/21-3	Wet	3/10/2021 4:35:00 AM	3/18/2021 11:47:00 AM	COD	n/a	=	200	mg/L	EPA 410.4	2.9	5	WKL	
MO-OXN	2020/21-3	Wet	3/10/2021 4:35:00 AM	3/18/2021 7:45:00 PM	Hardness as CaCO3	Total	=	75.6	mg/L	EPA 200.7	0.56	3.31	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-OXN	2020/21-3	Wet	3/10/2021 4:35:00 AM	3/11/2021 8:41:00 PM	MBAS	n/a	=	0.39	mg/L	SM 5540 C	0.017	0.05	WKL	
MO-OXN	2020/21-3	Wet	3/10/2021 4:35:00 AM	3/23/2021 1:45:00 AM	Phenolics	n/a	=	0.026	mg/L	EPA 420.4	0.0032	0.01	WKL	
MO-OXN	2020/21-3	Wet	3/10/2021 4:35:00 AM	3/15/2021 2:01:00 PM	Specific Conductance	n/a	=	290	µmhos/cm	SM 2510 B	0.23	2	WKL	
MO-OXN	2020/21-3	Wet	3/10/2021 4:35:00 AM	3/15/2021 6:00:00 PM	Total Dissolved Solids	n/a	=	230	mg/L	SM 2540 C	4	10	WKL	
MO-OXN	2020/21-3	Wet	3/10/2021 4:35:00 AM	4/5/2021	Total Organic Carbon	n/a	=	54	mg/L	SM 5310 B	1	1	WKL	
MO-OXN	2020/21-3	Wet	3/10/2021 4:35:00 AM	3/12/2021 4:29:00 PM	Total Suspended Solids	n/a	=	72	mg/L	SM 2540 D	-88	5	WKL	
MO-OXN	2020/21-3	Wet	3/10/2021 4:35:00 AM	3/11/2021 5:17:00 PM	Turbidity	n/a	=	15	NTU	EPA 180.1	0.017	0.1	WKL	
MO-OXN	2020/21-3	Wet	3/10/2021 4:35:00 AM	3/12/2021 4:29:00 PM	Volatile Suspended Solids	n/a	=	29	mg/L	EPA 160.4	3.1	5	WKL	
MO-OXN	2020/21-3	Wet	3/10/2021 4:35:00 AM	3/26/2021 4:13:00 AM	Diesel Range Organics	n/a	=	2.9	mg/L	EPA 8015B	0.064	0.2	WKL	
MO-OXN	2020/21-3	Wet	3/10/2021 4:35:00 AM	3/26/2021 4:13:00 AM	Oil Range Organics	n/a	=	1.5	mg/L	EPA 8015B	0.66	1	WKL	
MO-OXN	2020/21-3	Wet	3/10/2021 4:35:00 AM	3/18/2021 1:52:00 PM	Aluminum	Dissolved	=	78	µg/L	EPA 200.8	4.4	20	WKL	
MO-OXN	2020/21-3	Wet	3/10/2021 4:35:00 AM	3/18/2021 1:55:00 PM	Aluminum	Total	=	1500	µg/L	EPA 200.8	4.4	20	WKL	
MO-OXN	2020/21-3	Wet	3/10/2021 4:35:00 AM	3/18/2021 1:52:00 PM	Antimony	Dissolved	=	1.2	µg/L	EPA 200.8	0.089	0.5	WKL	
MO-OXN	2020/21-3	Wet	3/10/2021 4:35:00 AM	3/18/2021 1:52:00 PM	Antimony	Total	=	2	µg/L	EPA 200.8	0.089	0.5	WKL	
MO-OXN	2020/21-3	Wet	3/10/2021 4:35:00 AM	3/18/2021 1:52:00 PM	Arsenic	Dissolved	=	1.1	µg/L	EPA 200.8	0.074	0.4	WKL	
MO-OXN	2020/21-3	Wet	3/10/2021 4:35:00 AM	3/18/2021 1:55:00 PM	Arsenic	Total	=	1.6	µg/L	EPA 200.8	0.074	0.4	WKL	
MO-OXN	2020/21-3	Wet	3/10/2021 4:35:00 AM	3/18/2021 1:55:00 PM	Barium	Total	=	42	µg/L	EPA 200.8	0.14	1	WKL	
MO-OXN	2020/21-3	Wet	3/10/2021 4:35:00 AM	3/18/2021 4:10:00 PM	Beryllium	Dissolved	<	0.062	µg/L	EPA 200.8	0.062	0.1	WKL	
MO-OXN	2020/21-3	Wet	3/10/2021 4:35:00 AM	3/18/2021 1:55:00 PM	Beryllium	Total	<	0.062	µg/L	EPA 200.8	0.062	0.1	WKL	
MO-OXN	2020/21-3	Wet	3/10/2021 4:35:00 AM	3/18/2021 1:52:00 PM	Cadmium	Dissolved	DNQ	0.12	µg/L	EPA 200.8	0.042	0.2	WKL	
MO-OXN	2020/21-3	Wet	3/10/2021 4:35:00 AM	3/18/2021 1:55:00 PM	Cadmium	Total	=	0.25	µg/L	EPA 200.8	0.042	0.2	WKL	
MO-OXN	2020/21-3	Wet	3/10/2021 4:35:00 AM	3/18/2021 1:52:00 PM	Chromium	Dissolved	=	1.1	µg/L	EPA 200.8	0.089	0.2	WKL	
MO-OXN	2020/21-3	Wet	3/10/2021 4:35:00 AM	3/18/2021 1:55:00 PM	Chromium	Total	=	3.9	µg/L	EPA 200.8	0.089	0.2	WKL	
MO-OXN	2020/21-3	Wet	3/10/2021 4:35:00 AM	3/22/2021 4:00:00 PM	Chromium VI	n/a	=	0.34	µg/L	EPA 218.6	0.0079	0.02	WKL	
MO-OXN	2020/21-3	Wet	3/10/2021 4:35:00 AM	3/18/2021 1:52:00 PM	Copper	Dissolved	=	20	µg/L	EPA 200.8	0.23	0.5	WKL	
MO-OXN	2020/21-3	Wet	3/10/2021 4:35:00 AM	3/18/2021 1:55:00 PM	Copper	Total	=	35	µg/L	EPA 200.8	0.23	0.5	WKL	
MO-OXN	2020/21-3	Wet	3/10/2021 4:35:00 AM	3/18/2021 1:52:00 PM	Iron	Dissolved	=	180	µg/L	EPA 200.8	3.9	20	WKL	
MO-OXN	2020/21-3	Wet	3/10/2021 4:35:00 AM	3/18/2021 1:55:00 PM	Iron	Total	=	2200	µg/L	EPA 200.8	3.9	20	WKL	
MO-OXN	2020/21-3	Wet	3/10/2021 4:35:00 AM	3/18/2021 1:52:00 PM	Lead	Dissolved	=	0.78	µg/L	EPA 200.8	0.083	0.2	WKL	
MO-OXN	2020/21-3	Wet	3/10/2021 4:35:00 AM	3/18/2021 1:55:00 PM	Lead	Total	=	5.7	µg/L	EPA 200.8	0.083	0.2	WKL	
MO-OXN	2020/21-3	Wet	3/10/2021 4:35:00 AM	3/18/2021 4:10:00 PM	Mercury	Dissolved	<	17	ng/L	EPA 245.1	17	50	WKL	
MO-OXN	2020/21-3	Wet	3/10/2021 4:35:00 AM	3/18/2021 4:12:00 PM	Mercury	Total	DNQ	19	ng/L	EPA 245.1	17	50	WKL	
MO-OXN	2020/21-3	Wet	3/10/2021 4:35:00 AM	3/18/2021 1:52:00 PM	Nickel	Dissolved	=	7.4	µg/L	EPA 200.8	0.16	2	WKL	
MO-OXN	2020/21-3	Wet	3/10/2021 4:35:00 AM	3/18/2021 1:55:00 PM	Nickel	Total	=	9.9	µg/L	EPA 200.8	0.16	2	WKL	
MO-OXN	2020/21-3	Wet	3/10/2021 4:35:00 AM	3/18/2021 1:52:00 PM	Selenium	Dissolved	=	0.55	µg/L	EPA 200.8	0.067	0.4	WKL	
MO-OXN	2020/21-3	Wet	3/10/2021 4:35:00 AM	3/18/2021 1:55:00 PM	Selenium	Total	=	0.64	µg/L	EPA 200.8	0.067	0.4	WKL	
MO-OXN	2020/21-3	Wet	3/10/2021 4:35:00 AM	3/18/2021 1:52:00 PM	Silver	Dissolved	<	0.03	µg/L	EPA 200.8	0.03	0.2	WKL	
MO-OXN	2020/21-3	Wet	3/10/2021 4:35:00 AM	3/18/2021 1:55:00 PM	Silver	Total	DNQ	0.031	µg/L	EPA 200.8	0.03	0.2	WKL	
MO-OXN	2020/21-3	Wet	3/10/2021 4:35:00 AM	3/18/2021 1:52:00 PM	Thallium	Dissolved	<	0.021	µg/L	EPA 200.8	0.021	0.2	WKL	
MO-OXN	2020/21-3	Wet	3/10/2021 4:35:00 AM	3/18/2021 1:55:00 PM	Thallium	Total	DNQ	0.024	µg/L	EPA 200.8	0.021	0.2	WKL	
MO-OXN	2020/21-3	Wet	3/10/2021 4:35:00 AM	3/18/2021 1:52:00 PM	Zinc	Dissolved	=	170	µg/L	EPA 200.8	0.8	10	WKL	
MO-OXN	2020/21-3	Wet	3/10/2021 4:35:00 AM	3/18/2021 1:55:00 PM	Zinc	Total	=	250	µg/L	EPA 200.8	0.8	10	WKL	
MO-OXN	2020/21-3	Wet	3/10/2021 4:35:00 AM	3/18/2021 3:58:00 PM	Ammonia as N	n/a	=	1.4	mg/L	EPA 350.1	0.047	0.1	WKL	
MO-OXN	2020/21-3	Wet	3/10/2021 4:35:00 AM	3/11/2021 7:21:00 PM	Nitrate + Nitrite as N	n/a	=	1.1	mg/L	EPA 353.2	0.036	0.2	WKL	
MO-OXN	2020/21-3	Wet	3/10/2021 4:35:00 AM	3/18/2021 7:42:00 PM	Phosphorus as P	Dissolved	=	0.37	mg/L	EPA 200.7	0.012	0.02	WKL	
MO-OXN	2020/21-3	Wet	3/10/2021 4:35:00 AM	3/18/2021 7:45:00 PM	Phosphorus as P	Total	=	0.66	mg/L	EPA 200.7	0.018	0.05	WKL	
MO-OXN	2020/21-3	Wet	3/10/2021 4:35:00 AM	3/19/2021 4:28:00 PM	TKN	n/a	=	4.9	mg/L	EPA 351.2	0.065	0.1	WKL	
MO-OXN	2020/21-3	Wet	3/10/2021 4:35:00 AM	4/2/2021 5:21:00 AM	1,2,4-Trichlorobenzene	n/a	<	2.4	µg/L	EPA 625.1	2.4	5	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-OXN	2020/21-3	Wet	3/10/2021 4:35:00 AM	4/2/2021 5:21:00 AM	1,2-Dichlorobenzene	n/a	<	2.3	µg/L	EPA 625.1	2.3	5	WKL	
MO-OXN	2020/21-3	Wet	3/10/2021 4:35:00 AM	4/2/2021 5:21:00 AM	1,2-Diphenylhydrazine	n/a	<	1.5	µg/L	EPA 625.1	1.5	5	WKL	
MO-OXN	2020/21-3	Wet	3/10/2021 4:35:00 AM	4/2/2021 5:21:00 AM	1,3-Dichlorobenzene	n/a	<	2.1	µg/L	EPA 625.1	2.1	5	WKL	
MO-OXN	2020/21-3	Wet	3/10/2021 4:35:00 AM	4/2/2021 5:21:00 AM	1,4-Dichlorobenzene	n/a	<	2.4	µg/L	EPA 625.1	2.4	5	WKL	
MO-OXN	2020/21-3	Wet	3/10/2021 4:35:00 AM	3/27/2021 8:08:00 AM	1-Methylnaphthalene	n/a	<	0.12	µg/L	EPA 8270C	0.12	0.5	WKL	
MO-OXN	2020/21-3	Wet	3/10/2021 4:35:00 AM	3/26/2021 6:17:00 AM	2,4,5-Trichlorophenol	n/a	<	1.4	µg/L	EPA 8270C	1.4	5	WKL	
MO-OXN	2020/21-3	Wet	3/10/2021 4:35:00 AM	3/26/2021 6:17:00 AM	2,4,6-Trichlorophenol	n/a	<	1.5	µg/L	EPA 8270C	1.5	5	WKL	
MO-OXN	2020/21-3	Wet	3/10/2021 4:35:00 AM	4/2/2021 5:21:00 AM	2,4,6-Trichlorophenol	n/a	<	1.1	µg/L	EPA 625.1	1.1	5	WKL	
MO-OXN	2020/21-3	Wet	3/10/2021 4:35:00 AM	4/2/2021 5:21:00 AM	2,4-Dichlorophenol	n/a	<	1.3	µg/L	EPA 625.1	1.3	5	WKL	
MO-OXN	2020/21-3	Wet	3/10/2021 4:35:00 AM	3/26/2021 6:17:00 AM	2,4-Dichlorophenol	n/a	<	2.6	µg/L	EPA 8270C	2.6	5	WKL	
MO-OXN	2020/21-3	Wet	3/10/2021 4:35:00 AM	4/2/2021 5:21:00 AM	2,4-Dimethylphenol	n/a	<	1.5	µg/L	EPA 625.1	1.5	5	WKL	
MO-OXN	2020/21-3	Wet	3/10/2021 4:35:00 AM	3/26/2021 6:17:00 AM	2,4-Dimethylphenol	n/a	<	5	µg/L	EPA 8270C	5	10	WKL	
MO-OXN	2020/21-3	Wet	3/10/2021 4:35:00 AM	3/26/2021 6:17:00 AM	2,4-Dinitrophenol	n/a	<	5	µg/L	EPA 8270C	5	10	WKL	
MO-OXN	2020/21-3	Wet	3/10/2021 4:35:00 AM	4/2/2021 5:21:00 AM	2,4-Dinitrophenol	n/a	<	9.4	µg/L	EPA 625.1	9.4	50	WKL	
MO-OXN	2020/21-3	Wet	3/10/2021 4:35:00 AM	4/2/2021 5:21:00 AM	2,4-Dinitrotoluene	n/a	<	0.9	µg/L	EPA 625.1	0.9	5	WKL	
MO-OXN	2020/21-3	Wet	3/10/2021 4:35:00 AM	4/2/2021 5:21:00 AM	2,6-Dinitrotoluene	n/a	<	1.4	µg/L	EPA 625.1	1.4	5	WKL	
MO-OXN	2020/21-3	Wet	3/10/2021 4:35:00 AM	4/2/2021 5:21:00 AM	2-Chloronaphthalene	n/a	<	2.2	µg/L	EPA 625.1	2.2	5	WKL	
MO-OXN	2020/21-3	Wet	3/10/2021 4:35:00 AM	4/2/2021 5:21:00 AM	2-Chlorophenol	n/a	<	1.4	µg/L	EPA 625.1	1.4	5	WKL	
MO-OXN	2020/21-3	Wet	3/10/2021 4:35:00 AM	3/26/2021 6:17:00 AM	2-Chlorophenol	n/a	<	3.2	µg/L	EPA 8270C	3.2	5	WKL	
MO-OXN	2020/21-3	Wet	3/10/2021 4:35:00 AM	3/27/2021 8:08:00 AM	2-Methylnaphthalene	n/a	<	0.13	µg/L	EPA 8270C	0.13	0.5	WKL	
MO-OXN	2020/21-3	Wet	3/10/2021 4:35:00 AM	3/26/2021 6:17:00 AM	2-Methylphenol	n/a	<	1.7	µg/L	EPA 8270C	1.7	5	WKL	
MO-OXN	2020/21-3	Wet	3/10/2021 4:35:00 AM	4/2/2021 5:21:00 AM	2-Nitrophenol	n/a	<	1.3	µg/L	EPA 625.1	1.3	5	WKL	
MO-OXN	2020/21-3	Wet	3/10/2021 4:35:00 AM	3/26/2021 6:17:00 AM	2-Nitrophenol	n/a	<	3.6	µg/L	EPA 8270C	3.6	5	WKL	
MO-OXN	2020/21-3	Wet	3/10/2021 4:35:00 AM	4/2/2021 5:21:00 AM	3,3'-Dichlorobenzidine	n/a	<	5	µg/L	EPA 625.1	5	25	WKL	
MO-OXN	2020/21-3	Wet	3/10/2021 4:35:00 AM	3/26/2021 6:17:00 AM	3-4-Methylphenol	n/a	<	1.5	µg/L	EPA 8270C	1.5	5	WKL	
MO-OXN	2020/21-3	Wet	3/10/2021 4:35:00 AM	4/2/2021 5:21:00 AM	4,6-Dinitro-2-methylphenol	n/a	<	7	µg/L	EPA 625.1	7	25	WKL	
MO-OXN	2020/21-3	Wet	3/10/2021 4:35:00 AM	3/26/2021 6:17:00 AM	4,6-Dinitro-2-methylphenol	n/a	<	0.7	µg/L	EPA 8270C	0.7	5	WKL	
MO-OXN	2020/21-3	Wet	3/10/2021 4:35:00 AM	4/2/2021 5:21:00 AM	4-Bromophenyl phenyl ether	n/a	<	1.8	µg/L	EPA 625.1	1.8	5	WKL	
MO-OXN	2020/21-3	Wet	3/10/2021 4:35:00 AM	4/2/2021 5:21:00 AM	4-Chloro-3-methylphenol	n/a	<	1.2	µg/L	EPA 625.1	1.2	5	WKL	
MO-OXN	2020/21-3	Wet	3/10/2021 4:35:00 AM	3/26/2021 6:17:00 AM	4-Chloro-3-methylphenol	n/a	<	1.8	µg/L	EPA 8270C	1.8	5	WKL	
MO-OXN	2020/21-3	Wet	3/10/2021 4:35:00 AM	4/2/2021 5:21:00 AM	4-Chlorophenyl phenyl ether	n/a	<	2	µg/L	EPA 625.1	2	5	WKL	
MO-OXN	2020/21-3	Wet	3/10/2021 4:35:00 AM	3/26/2021 6:17:00 AM	4-Nitrophenol	n/a	<	5	µg/L	EPA 8270C	5	10	WKL	
MO-OXN	2020/21-3	Wet	3/10/2021 4:35:00 AM	4/2/2021 5:21:00 AM	4-Nitrophenol	n/a	<	6.2	µg/L	EPA 625.1	6.2	25	WKL	
MO-OXN	2020/21-3	Wet	3/10/2021 4:35:00 AM	4/2/2021 5:21:00 AM	Acenaphthene	n/a	<	1.9	µg/L	EPA 625.1	1.9	5	WKL	
MO-OXN	2020/21-3	Wet	3/10/2021 4:35:00 AM	3/27/2021 8:08:00 AM	Acenaphthene	n/a	<	0.14	µg/L	EPA 8270C	0.14	0.5	WKL	
MO-OXN	2020/21-3	Wet	3/10/2021 4:35:00 AM	4/2/2021 5:21:00 AM	Acenaphthylene	n/a	<	0.85	µg/L	EPA 625.1	0.85	5	WKL	
MO-OXN	2020/21-3	Wet	3/10/2021 4:35:00 AM	3/27/2021 8:08:00 AM	Acenaphthylene	n/a	<	0.16	µg/L	EPA 8270C	0.16	0.5	WKL	
MO-OXN	2020/21-3	Wet	3/10/2021 4:35:00 AM	4/2/2021 5:21:00 AM	Anthracene	n/a	<	0.6	µg/L	EPA 625.1	0.6	5	WKL	
MO-OXN	2020/21-3	Wet	3/10/2021 4:35:00 AM	3/27/2021 8:08:00 AM	Anthracene	n/a	<	0.12	µg/L	EPA 8270C	0.12	0.5	WKL	
MO-OXN	2020/21-3	Wet	3/10/2021 4:35:00 AM	4/2/2021 5:21:00 AM	Benz(a)anthracene	n/a	<	0.95	µg/L	EPA 625.1	0.95	5	WKL	
MO-OXN	2020/21-3	Wet	3/10/2021 4:35:00 AM	3/27/2021 8:08:00 AM	Benz(a)anthracene	n/a	<	0.26	µg/L	EPA 8270C	0.26	0.5	WKL	
MO-OXN	2020/21-3	Wet	3/10/2021 4:35:00 AM	4/2/2021 5:21:00 AM	Benzenzidine	n/a	<	7.2	µg/L	EPA 625.1	7.2	50	WKL	
MO-OXN	2020/21-3	Wet	3/10/2021 4:35:00 AM	3/17/2021 8:38:00 AM	Benzo(a)pyrene	n/a	<	0.08	µg/L	EPA 525.2	0.08	0.4	WKL	
MO-OXN	2020/21-3	Wet	3/10/2021 4:35:00 AM	4/2/2021 5:21:00 AM	Benzo(a)pyrene	n/a	<	2	µg/L	EPA 625.1	2	5	WKL	
MO-OXN	2020/21-3	Wet	3/10/2021 4:35:00 AM	3/27/2021 8:08:00 AM	Benzo(a)pyrene	n/a	<	0.26	µg/L	EPA 8270C	0.26	0.5	WKL	
MO-OXN	2020/21-3	Wet	3/10/2021 4:35:00 AM	4/2/2021 5:21:00 AM	Benzo(b)fluoranthene	n/a	<	2.3	µg/L	EPA 625.1	2.3	5	WKL	
MO-OXN	2020/21-3	Wet	3/10/2021 4:35:00 AM	3/27/2021 8:08:00 AM	Benzo(b)fluoranthene	n/a	<	0.14	µg/L	EPA 8270C	0.14	0.5	WKL	
MO-OXN	2020/21-3	Wet	3/10/2021 4:35:00 AM	4/2/2021 5:21:00 AM	Benzo(g,h,i)perylene	n/a	<	2.1	µg/L	EPA 625.1	2.1	10	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-OXN	2020/21-3	Wet	3/10/2021 4:35:00 AM	3/27/2021 8:08:00 AM	Benzo(g,h,i)perylene	n/a	<	0.25	µg/L	EPA 8270C	0.25	0.5	WKL	
MO-OXN	2020/21-3	Wet	3/10/2021 4:35:00 AM	3/27/2021 8:08:00 AM	Benzo(k)fluoranthene	n/a	<	0.13	µg/L	EPA 8270C	0.13	0.5	WKL	
MO-OXN	2020/21-3	Wet	3/10/2021 4:35:00 AM	4/2/2021 5:21:00 AM	Benzo(k)fluoranthene	n/a	<	1.1	µg/L	EPA 625.1	1.1	5	WKL	
MO-OXN	2020/21-3	Wet	3/10/2021 4:35:00 AM	4/2/2021 5:21:00 AM	Bis(2-chloroethoxy)methane	n/a	<	1.2	µg/L	EPA 625.1	1.2	5	WKL	
MO-OXN	2020/21-3	Wet	3/10/2021 4:35:00 AM	4/2/2021 5:21:00 AM	Bis(2-chloroethyl)ether	n/a	<	1.4	µg/L	EPA 625.1	1.4	5	WKL	
MO-OXN	2020/21-3	Wet	3/10/2021 4:35:00 AM	4/2/2021 5:21:00 AM	Bis(2-chloroisopropyl)ether	n/a	<	1.9	µg/L	EPA 625.1	1.9	5	WKL	
MO-OXN	2020/21-3	Wet	3/10/2021 4:35:00 AM	3/17/2021 8:38:00 AM	Bis(2-ethylhexyl)adipate	n/a	DNQ	6.1	µg/L	EPA 525.2	0.48	20	WKL	HB-LCSR
MO-OXN	2020/21-3	Wet	3/10/2021 4:35:00 AM	4/2/2021 5:21:00 AM	Bis(2-ethylhexyl)phthalate	n/a	<	12	µg/L	EPA 625.1	12	25	WKL	
MO-OXN	2020/21-3	Wet	3/10/2021 4:35:00 AM	3/17/2021 8:38:00 AM	Bis(2-ethylhexyl)phthalate	n/a	DNQ	3.1	µg/L	EPA 525.2	1.6	12	WKL	UL-MB
MO-OXN	2020/21-3	Wet	3/10/2021 4:35:00 AM	4/2/2021 5:21:00 AM	Butyl benzyl phthalate	n/a	<	0.9	µg/L	EPA 625.1	0.9	5	WKL	
MO-OXN	2020/21-3	Wet	3/10/2021 4:35:00 AM	3/27/2021 8:08:00 AM	Chrysene	n/a	<	0.16	µg/L	EPA 8270C	0.16	0.5	WKL	
MO-OXN	2020/21-3	Wet	3/10/2021 4:35:00 AM	4/2/2021 5:21:00 AM	Chrysene	n/a	<	0.95	µg/L	EPA 625.1	0.95	5	WKL	
MO-OXN	2020/21-3	Wet	3/10/2021 4:35:00 AM	3/27/2021 8:08:00 AM	Dibenz(a,h)anthracene	n/a	<	0.48	µg/L	EPA 8270C	0.48	0.5	WKL	
MO-OXN	2020/21-3	Wet	3/10/2021 4:35:00 AM	4/2/2021 5:21:00 AM	Dibenz(a,h)anthracene	n/a	<	2.6	µg/L	EPA 625.1	2.6	10	WKL	
MO-OXN	2020/21-3	Wet	3/10/2021 4:35:00 AM	4/2/2021 5:21:00 AM	Diethyl phthalate	n/a	DNQ	0.75	µg/L	EPA 625.1	0.75	5	WKL	
MO-OXN	2020/21-3	Wet	3/10/2021 4:35:00 AM	4/2/2021 5:21:00 AM	Dimethyl phthalate	n/a	<	0.9	µg/L	EPA 625.1	0.9	5	WKL	
MO-OXN	2020/21-3	Wet	3/10/2021 4:35:00 AM	4/2/2021 5:21:00 AM	Di-n-butylphthalate	n/a	DNQ	0.71	µg/L	EPA 625.1	0.5	5	WKL	
MO-OXN	2020/21-3	Wet	3/10/2021 4:35:00 AM	4/2/2021 5:21:00 AM	Di-n-octylphthalate	n/a	<	2.3	µg/L	EPA 625.1	2.3	5	WKL	
MO-OXN	2020/21-3	Wet	3/10/2021 4:35:00 AM	4/2/2021 5:21:00 AM	Fluoranthene	n/a	<	0.4	µg/L	EPA 625.1	0.4	5	WKL	
MO-OXN	2020/21-3	Wet	3/10/2021 4:35:00 AM	3/27/2021 8:08:00 AM	Fluoranthene	n/a	<	0.2	µg/L	EPA 8270C	0.2	0.5	WKL	
MO-OXN	2020/21-3	Wet	3/10/2021 4:35:00 AM	4/2/2021 5:21:00 AM	Fluorene	n/a	<	1.8	µg/L	EPA 625.1	1.8	5	WKL	
MO-OXN	2020/21-3	Wet	3/10/2021 4:35:00 AM	3/27/2021 8:08:00 AM	Fluorene	n/a	<	0.14	µg/L	EPA 8270C	0.14	0.5	WKL	
MO-OXN	2020/21-3	Wet	3/10/2021 4:35:00 AM	4/2/2021 5:21:00 AM	Hexachlorobenzene	n/a	<	2.4	µg/L	EPA 625.1	2.4	5	WKL	
MO-OXN	2020/21-3	Wet	3/10/2021 4:35:00 AM	4/2/2021 5:21:00 AM	Hexachlorobutadiene	n/a	<	2.4	µg/L	EPA 625.1	2.4	5	WKL	
MO-OXN	2020/21-3	Wet	3/10/2021 4:35:00 AM	4/2/2021 5:21:00 AM	Hexachlorocyclopentadiene	n/a	<	4.9	µg/L	EPA 625.1	4.9	25	WKL	
MO-OXN	2020/21-3	Wet	3/10/2021 4:35:00 AM	4/2/2021 5:21:00 AM	Hexachloroethane	n/a	<	2.5	µg/L	EPA 625.1	2.5	5	WKL	
MO-OXN	2020/21-3	Wet	3/10/2021 4:35:00 AM	3/27/2021 8:08:00 AM	Indeno(1,2,3-cd)pyrene	n/a	<	0.32	µg/L	EPA 8270C	0.32	0.5	WKL	
MO-OXN	2020/21-3	Wet	3/10/2021 4:35:00 AM	4/2/2021 5:21:00 AM	Indeno(1,2,3-cd)pyrene	n/a	<	2.8	µg/L	EPA 625.1	2.8	10	WKL	
MO-OXN	2020/21-3	Wet	3/10/2021 4:35:00 AM	4/2/2021 5:21:00 AM	Isophorone	n/a	<	1	µg/L	EPA 625.1	1	5	WKL	
MO-OXN	2020/21-3	Wet	3/10/2021 4:35:00 AM	3/27/2021 8:08:00 AM	Naphthalene	n/a	<	0.13	µg/L	EPA 8270C	0.13	0.5	WKL	
MO-OXN	2020/21-3	Wet	3/10/2021 4:35:00 AM	4/2/2021 5:21:00 AM	Naphthalene	n/a	<	2.4	µg/L	EPA 625.1	2.4	5	WKL	
MO-OXN	2020/21-3	Wet	3/10/2021 4:35:00 AM	4/2/2021 5:21:00 AM	Nitrobenzene	n/a	<	1.8	µg/L	EPA 625.1	1.8	5	WKL	
MO-OXN	2020/21-3	Wet	3/10/2021 4:35:00 AM	4/2/2021 5:21:00 AM	N-Nitrosodimethylamine	n/a	<	2.5	µg/L	EPA 625.1	2.5	5	WKL	
MO-OXN	2020/21-3	Wet	3/10/2021 4:35:00 AM	4/2/2021 5:21:00 AM	N-Nitrosodi-N-propylamine	n/a	<	1.3	µg/L	EPA 625.1	1.3	5	WKL	
MO-OXN	2020/21-3	Wet	3/10/2021 4:35:00 AM	4/2/2021 5:21:00 AM	N-Nitrosodiphenylamine	n/a	<	0.95	µg/L	EPA 625.1	0.95	5	WKL	
MO-OXN	2020/21-3	Wet	3/10/2021 4:35:00 AM	4/2/2021 5:21:00 AM	Phenanthrene	n/a	<	1.6	µg/L	EPA 625.1	1.6	5	WKL	
MO-OXN	2020/21-3	Wet	3/10/2021 4:35:00 AM	3/27/2021 8:08:00 AM	Phenanthrene	n/a	<	0.14	µg/L	EPA 8270C	0.14	0.5	WKL	
MO-OXN	2020/21-3	Wet	3/10/2021 4:35:00 AM	3/26/2021 6:17:00 AM	Phenol	n/a	<	1.8	µg/L	EPA 8270C	1.8	5	WKL	
MO-OXN	2020/21-3	Wet	3/10/2021 4:35:00 AM	4/2/2021 5:21:00 AM	Phenol	n/a	<	0.8	µg/L	EPA 625.1	0.8	5	WKL	
MO-OXN	2020/21-3	Wet	3/10/2021 4:35:00 AM	3/27/2021 8:08:00 AM	Pyrene	n/a	<	0.2	µg/L	EPA 8270C	0.2	0.5	WKL	
MO-OXN	2020/21-3	Wet	3/10/2021 4:35:00 AM	4/2/2021 5:21:00 AM	Pyrene	n/a	<	1.2	µg/L	EPA 625.1	1.2	5	WKL	
MO-OXN	2020/21-3	Wet	3/10/2021 4:35:00 AM	4/3/2021 3:54:00 AM	PCB Aroclor 1016	n/a	<	12	µg/L	EPA 608.3	12	12	WKL	
MO-OXN	2020/21-3	Wet	3/10/2021 4:35:00 AM	4/3/2021 3:54:00 AM	PCB Aroclor 1221	n/a	<	12	µg/L	EPA 608.3	12	12	WKL	
MO-OXN	2020/21-3	Wet	3/10/2021 4:35:00 AM	4/3/2021 3:54:00 AM	PCB Aroclor 1232	n/a	<	12	µg/L	EPA 608.3	12	12	WKL	
MO-OXN	2020/21-3	Wet	3/10/2021 4:35:00 AM	4/3/2021 3:54:00 AM	PCB Aroclor 1242	n/a	<	12	µg/L	EPA 608.3	12	12	WKL	
MO-OXN	2020/21-3	Wet	3/10/2021 4:35:00 AM	4/3/2021 3:54:00 AM	PCB Aroclor 1248	n/a	<	12	µg/L	EPA 608.3	12	12	WKL	
MO-OXN	2020/21-3	Wet	3/10/2021 4:35:00 AM	4/3/2021 3:54:00 AM	PCB Aroclor 1254	n/a	<	12	µg/L	EPA 608.3	12	12	WKL	
MO-OXN	2020/21-3	Wet	3/10/2021 4:35:00 AM	4/3/2021 3:54:00 AM	PCB Aroclor 1260	n/a	<	12	µg/L	EPA 608.3	12	12	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-OXN	2020/21-3	Wet	3/10/2021 4:35:00 AM	3/27/2021 11:32:00 PM	2,4,5-T	n/a	<	1	µg/L	EPA 515.4	1	1	WKL	
MO-OXN	2020/21-3	Wet	3/10/2021 4:35:00 AM	3/27/2021 11:32:00 PM	2,4,5-TP	n/a	<	0.23	µg/L	EPA 515.4	0.23	1	WKL	
MO-OXN	2020/21-3	Wet	3/10/2021 4:35:00 AM	3/27/2021 11:32:00 PM	2,4-D	n/a	<	2	µg/L	EPA 515.4	2	2	WKL	
MO-OXN	2020/21-3	Wet	3/10/2021 4:35:00 AM	3/27/2021 11:32:00 PM	2,4-DB	n/a	<	10	µg/L	EPA 515.4	10	10	WKL	
MO-OXN	2020/21-3	Wet	3/10/2021 4:35:00 AM	3/27/2021 11:32:00 PM	3,5-Dichlorobenzoic acid	n/a	<	0.6	µg/L	EPA 515.4	0.6	5	WKL	
MO-OXN	2020/21-3	Wet	3/10/2021 4:35:00 AM	4/3/2021 3:54:00 AM	4,4'-DDD	n/a	<	0.018	µg/L	EPA 608.3	0.018	1.2	WKL	
MO-OXN	2020/21-3	Wet	3/10/2021 4:35:00 AM	4/3/2021 3:54:00 AM	4,4'-DDE	n/a	<	0.018	µg/L	EPA 608.3	0.018	1.2	WKL	
MO-OXN	2020/21-3	Wet	3/10/2021 4:35:00 AM	4/3/2021 3:54:00 AM	4,4'-DDT	n/a	<	0.028	µg/L	EPA 608.3	0.028	0.25	WKL	
MO-OXN	2020/21-3	Wet	3/10/2021 4:35:00 AM	3/27/2021 11:32:00 PM	Acifluorfen	n/a	<	0.36	µg/L	EPA 515.4	0.36	2	WKL	
MO-OXN	2020/21-3	Wet	3/10/2021 4:35:00 AM	3/17/2021 8:38:00 AM	Alachlor	n/a	<	0.12	µg/L	EPA 525.2	0.12	0.4	WKL	
MO-OXN	2020/21-3	Wet	3/10/2021 4:35:00 AM	4/3/2021 3:54:00 AM	Aldrin	n/a	<	0.025	µg/L	EPA 608.3	0.025	0.12	WKL	
MO-OXN	2020/21-3	Wet	3/10/2021 4:35:00 AM	4/3/2021 3:54:00 AM	alpha-BHC	n/a	<	0.028	µg/L	EPA 608.3	0.028	0.25	WKL	
MO-OXN	2020/21-3	Wet	3/10/2021 4:35:00 AM	4/3/2021 3:54:00 AM	alpha-Chlordane	n/a	<	0.072	µg/L	EPA 608.3	0.072	0.25	WKL	
MO-OXN	2020/21-3	Wet	3/10/2021 4:35:00 AM	3/18/2021 4:22:00 AM	Atrazine	n/a	<	0.12	µg/L	EPA 525.2	0.12	0.4	WKL	
MO-OXN	2020/21-3	Wet	3/10/2021 4:35:00 AM	3/17/2021 4:22:00 AM	Azinphos methyl	n/a	<	0.011	µg/L	EPA 625.1m	0.011	0.02	WKL	
MO-OXN	2020/21-3	Wet	3/10/2021 4:35:00 AM	3/27/2021 11:32:00 PM	Bentazon	n/a	<	10	µg/L	EPA 515.4	10	10	WKL	
MO-OXN	2020/21-3	Wet	3/10/2021 4:35:00 AM	4/3/2021 3:54:00 AM	beta-BHC	n/a	<	0.038	µg/L	EPA 608.3	0.038	0.12	WKL	
MO-OXN	2020/21-3	Wet	3/10/2021 4:35:00 AM	3/18/2021 4:22:00 AM	Bolstar	n/a	<	0.0092	µg/L	EPA 625.1m	0.0092	0.02	WKL	
MO-OXN	2020/21-3	Wet	3/10/2021 4:35:00 AM	3/17/2021 8:38:00 AM	Bromacil	n/a	<	0.64	µg/L	EPA 525.2	0.64	2	WKL	
MO-OXN	2020/21-3	Wet	3/10/2021 4:35:00 AM	3/17/2021 8:38:00 AM	Butachlor	n/a	<	0.12	µg/L	EPA 525.2	0.12	0.4	WKL	
MO-OXN	2020/21-3	Wet	3/10/2021 4:35:00 AM	3/17/2021 8:38:00 AM	Captan	n/a	<	0.64	µg/L	EPA 525.2	0.64	4	WKL	
MO-OXN	2020/21-3	Wet	3/10/2021 4:35:00 AM	4/3/2021 3:54:00 AM	Chlordane (technical)	n/a	<	1.1	µg/L	EPA 608.3	1.1	2.5	WKL	
MO-OXN	2020/21-3	Wet	3/10/2021 4:35:00 AM	3/17/2021 8:38:00 AM	Chlorpropham	n/a	<	0.16	µg/L	EPA 525.2	0.16	0.4	WKL	
MO-OXN	2020/21-3	Wet	3/10/2021 4:35:00 AM	3/18/2021 4:22:00 AM	Chlorpyrifos	n/a	<	0.014	µg/L	EPA 625.1m	0.014	0.02	WKL	
MO-OXN	2020/21-3	Wet	3/10/2021 4:35:00 AM	3/18/2021 4:22:00 AM	Coumaphos	n/a	<	0.01	µg/L	EPA 625.1m	0.01	0.02	WKL	
MO-OXN	2020/21-3	Wet	3/10/2021 4:35:00 AM	3/17/2021 8:38:00 AM	Cyanazine	n/a	<	0.16	µg/L	EPA 525.2	0.16	0.4	WKL	
MO-OXN	2020/21-3	Wet	3/10/2021 4:35:00 AM	3/27/2021 11:32:00 PM	Dalapon	n/a	<	0.55	µg/L	EPA 515.4	0.55	2	WKL	
MO-OXN	2020/21-3	Wet	3/10/2021 4:35:00 AM	3/27/2021 11:32:00 PM	DCPA (Dacthal)	n/a	<	0.26	µg/L	EPA 515.4	0.26	0.5	WKL	
MO-OXN	2020/21-3	Wet	3/10/2021 4:35:00 AM	4/3/2021 3:54:00 AM	delta-BHC	n/a	<	0.048	µg/L	EPA 608.3	0.048	0.12	WKL	
MO-OXN	2020/21-3	Wet	3/10/2021 4:35:00 AM	3/18/2021 4:22:00 AM	Demeton-O	n/a	<	0.02	µg/L	EPA 625.1m	0.02	0.02	WKL	
MO-OXN	2020/21-3	Wet	3/10/2021 4:35:00 AM	3/18/2021 4:22:00 AM	Demeton-S	n/a	<	0.02	µg/L	EPA 625.1m	0.02	0.02	WKL	
MO-OXN	2020/21-3	Wet	3/10/2021 4:35:00 AM	3/17/2021 8:38:00 AM	Diazinon	n/a	<	0.2	µg/L	EPA 525.2	0.2	0.4	WKL	
MO-OXN	2020/21-3	Wet	3/10/2021 4:35:00 AM	3/18/2021 4:22:00 AM	Diazinon	n/a	<	0.01	µg/L	EPA 625.1m	0.01	0.02	WKL	
MO-OXN	2020/21-3	Wet	3/10/2021 4:35:00 AM	3/27/2021 11:32:00 PM	Dicamba	n/a	<	0.38	µg/L	EPA 515.4	0.38	3	WKL	
MO-OXN	2020/21-3	Wet	3/10/2021 4:35:00 AM	3/27/2021 11:32:00 PM	Dichlorprop	n/a	<	0.6	µg/L	EPA 515.4	0.6	1.5	WKL	
MO-OXN	2020/21-3	Wet	3/10/2021 4:35:00 AM	3/18/2021 4:22:00 AM	Dichlorvos	n/a	<	0.0058	µg/L	EPA 625.1m	0.0058	0.02	WKL	
MO-OXN	2020/21-3	Wet	3/10/2021 4:35:00 AM	4/3/2021 3:54:00 AM	Dieldrin	n/a	<	0.02	µg/L	EPA 608.3	0.02	0.25	WKL	
MO-OXN	2020/21-3	Wet	3/10/2021 4:35:00 AM	3/17/2021 8:38:00 AM	Dimethoate	n/a	<	0.08	µg/L	EPA 525.2	0.08	0.8	WKL	
MO-OXN	2020/21-3	Wet	3/10/2021 4:35:00 AM	3/18/2021 4:22:00 AM	Dimethoate	n/a	<	0.012	µg/L	EPA 625.1m	0.012	0.02	WKL	
MO-OXN	2020/21-3	Wet	3/10/2021 4:35:00 AM	3/27/2021 11:32:00 PM	Dinoseb	n/a	<	0.28	µg/L	EPA 515.4	0.28	2	WKL	
MO-OXN	2020/21-3	Wet	3/10/2021 4:35:00 AM	3/17/2021 8:38:00 AM	Diphenamid	n/a	<	0.12	µg/L	EPA 525.2	0.12	0.4	WKL	
MO-OXN	2020/21-3	Wet	3/10/2021 4:35:00 AM	3/18/2021 4:22:00 AM	Disulfoton	n/a	<	0.02	µg/L	EPA 625.1m	0.02	0.02	WKL	
MO-OXN	2020/21-3	Wet	3/10/2021 4:35:00 AM	3/17/2021 8:38:00 AM	Disulfoton	n/a	<	0.16	µg/L	EPA 525.2	0.16	0.4	WKL	
MO-OXN	2020/21-3	Wet	3/10/2021 4:35:00 AM	4/3/2021 3:54:00 AM	Endosulfan I	n/a	<	0.022	µg/L	EPA 608.3	0.022	0.5	WKL	
MO-OXN	2020/21-3	Wet	3/10/2021 4:35:00 AM	4/3/2021 3:54:00 AM	Endosulfan II	n/a	<	0.018	µg/L	EPA 608.3	0.018	0.25	WKL	
MO-OXN	2020/21-3	Wet	3/10/2021 4:35:00 AM	4/3/2021 3:54:00 AM	Endosulfan sulfate	n/a	<	0.032	µg/L	EPA 608.3	0.032	1.2	WKL	
MO-OXN	2020/21-3	Wet	3/10/2021 4:35:00 AM	4/3/2021 3:54:00 AM	Endrin	n/a	<	0.042	µg/L	EPA 608.3	0.042	0.25	WKL	
MO-OXN	2020/21-3	Wet	3/10/2021 4:35:00 AM	4/3/2021 3:54:00 AM	Endrin aldehyde	n/a	<	0.048	µg/L	EPA 608.3	0.048	0.25	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-OXN	2020/21-3	Wet	3/10/2021 4:35:00 AM	3/17/2021 8:38:00 AM	EPTC	n/a	<	0.08	µg/L	EPA 525.2	0.08	0.4	WKL	
MO-OXN	2020/21-3	Wet	3/10/2021 4:35:00 AM	3/18/2021 4:22:00 AM	Ethoprop	n/a	<	0.013	µg/L	EPA 625.1m	0.013	0.02	WKL	
MO-OXN	2020/21-3	Wet	3/10/2021 4:35:00 AM	3/18/2021 4:22:00 AM	Ethyl parathion	n/a	<	0.011	µg/L	EPA 625.1m	0.011	0.02	WKL	
MO-OXN	2020/21-3	Wet	3/10/2021 4:35:00 AM	3/18/2021 4:22:00 AM	Fensulfthion	n/a	<	0.0058	µg/L	EPA 625.1m	0.0058	0.02	WKL	
MO-OXN	2020/21-3	Wet	3/10/2021 4:35:00 AM	3/18/2021 4:22:00 AM	Fenthion	n/a	<	0.0076	µg/L	EPA 625.1m	0.0076	0.02	WKL	
MO-OXN	2020/21-3	Wet	3/10/2021 4:35:00 AM	4/3/2021 3:54:00 AM	gamma-BHC (Lindane)	n/a	<	0.01	µg/L	EPA 608.3	0.01	0.5	WKL	
MO-OXN	2020/21-3	Wet	3/10/2021 4:35:00 AM	4/3/2021 3:54:00 AM	gamma-Chlordane	n/a	<	0.058	µg/L	EPA 608.3	0.058	0.25	WKL	
MO-OXN	2020/21-3	Wet	3/10/2021 4:35:00 AM	3/18/2021 5:06:00 AM	Glyphosate	n/a	=	29	µg/L	EPA 547	9	25	WKL	
MO-OXN	2020/21-3	Wet	3/10/2021 4:35:00 AM	4/3/2021 3:54:00 AM	Heptachlor	n/a	<	0.25	µg/L	EPA 608.3	0.25	0.25	WKL	
MO-OXN	2020/21-3	Wet	3/10/2021 4:35:00 AM	4/3/2021 3:54:00 AM	Heptachlor epoxide	n/a	<	0.01	µg/L	EPA 608.3	0.01	0.25	WKL	
MO-OXN	2020/21-3	Wet	3/10/2021 4:35:00 AM	3/18/2021 4:22:00 AM	Malathion	n/a	DNQ	0.017	µg/L	EPA 625.1m	0.015	0.02	WKL	
MO-OXN	2020/21-3	Wet	3/10/2021 4:35:00 AM	3/18/2021 4:22:00 AM	Merphos	n/a	<	0.012	µg/L	EPA 625.1m	0.012	0.02	WKL	
MO-OXN	2020/21-3	Wet	3/10/2021 4:35:00 AM	3/18/2021 4:22:00 AM	Methyl parathion	n/a	<	0.013	µg/L	EPA 625.1m	0.013	0.02	WKL	
MO-OXN	2020/21-3	Wet	3/10/2021 4:35:00 AM	3/17/2021 8:38:00 AM	Metolachlor	n/a	<	0.12	µg/L	EPA 525.2	0.12	0.4	WKL	
MO-OXN	2020/21-3	Wet	3/10/2021 4:35:00 AM	3/17/2021 8:38:00 AM	Metribuzin	n/a	<	0.12	µg/L	EPA 525.2	0.12	0.4	WKL	
MO-OXN	2020/21-3	Wet	3/10/2021 4:35:00 AM	3/18/2021 4:22:00 AM	Mevinphos	n/a	<	0.0084	µg/L	EPA 625.1m	0.0084	0.02	WKL	
MO-OXN	2020/21-3	Wet	3/10/2021 4:35:00 AM	3/17/2021 8:38:00 AM	Molinate	n/a	<	0.12	µg/L	EPA 525.2	0.12	0.4	WKL	
MO-OXN	2020/21-3	Wet	3/10/2021 4:35:00 AM	3/18/2021 4:22:00 AM	Naled	n/a	<	0.015	µg/L	EPA 625.1m	0.015	0.02	WKL	
MO-OXN	2020/21-3	Wet	3/10/2021 4:35:00 AM	4/2/2021 5:21:00 AM	Pentachlorophenol	n/a	<	2	µg/L	EPA 625.1	2	5	WKL	
MO-OXN	2020/21-3	Wet	3/10/2021 4:35:00 AM	3/26/2021 6:17:00 AM	Pentachlorophenol	n/a	DNQ	0.75	µg/L	EPA 8270C	0.75	5	WKL	
MO-OXN	2020/21-3	Wet	3/10/2021 4:35:00 AM	3/27/2021 11:32:00 PM	Pentachlorophenol	n/a	<	0.23	µg/L	EPA 515.4	0.23	1	WKL	
MO-OXN	2020/21-3	Wet	3/10/2021 4:35:00 AM	3/18/2021 4:22:00 AM	Phorate	n/a	<	0.006	µg/L	EPA 625.1m	0.006	0.02	WKL	
MO-OXN	2020/21-3	Wet	3/10/2021 4:35:00 AM	3/27/2021 11:32:00 PM	Picloram	n/a	<	0.19	µg/L	EPA 515.4	0.19	3	WKL	
MO-OXN	2020/21-3	Wet	3/10/2021 4:35:00 AM	3/17/2021 8:38:00 AM	Prometon	n/a	<	0.04	µg/L	EPA 525.2	0.04	0.4	WKL	
MO-OXN	2020/21-3	Wet	3/10/2021 4:35:00 AM	3/17/2021 8:38:00 AM	Prometryn	n/a	<	0.12	µg/L	EPA 525.2	0.12	0.4	WKL	
MO-OXN	2020/21-3	Wet	3/10/2021 4:35:00 AM	3/18/2021 4:22:00 AM	Ronnel (Fenclorophos)	n/a	<	0.0082	µg/L	EPA 625.1m	0.0082	0.02	WKL	
MO-OXN	2020/21-3	Wet	3/10/2021 4:35:00 AM	3/17/2021 8:38:00 AM	Simazine	n/a	<	0.08	µg/L	EPA 525.2	0.08	0.4	WKL	
MO-OXN	2020/21-3	Wet	3/10/2021 4:35:00 AM	3/18/2021 4:22:00 AM	Stirophos (Tetrachlorvinphos)	n/a	<	0.0062	µg/L	EPA 625.1m	0.0062	0.02	WKL	
MO-OXN	2020/21-3	Wet	3/10/2021 4:35:00 AM	3/17/2021 8:38:00 AM	Terbacil	n/a	<	0.36	µg/L	EPA 525.2	0.36	8	WKL	
MO-OXN	2020/21-3	Wet	3/10/2021 4:35:00 AM	3/18/2021 8:38:00 AM	Thiobencarb	n/a	<	0.12	µg/L	EPA 525.2	0.12	0.4	WKL	
MO-OXN	2020/21-3	Wet	3/10/2021 4:35:00 AM	3/18/2021 4:22:00 AM	Tokuthion	n/a	<	0.016	µg/L	EPA 625.1m	0.016	0.02	WKL	
MO-OXN	2020/21-3	Wet	3/10/2021 4:35:00 AM	4/3/2021 3:54:00 AM	Toxaphene	n/a	<	25	µg/L	EPA 608.3	25	25	WKL	
MO-OXN	2020/21-3	Wet	3/10/2021 4:35:00 AM	3/18/2021 4:22:00 AM	Trichloronate	n/a	<	0.013	µg/L	EPA 625.1m	0.013	0.02	WKL	
MO-OXN	2020/21-3	Wet	3/10/2021 4:35:00 AM	3/17/2021 8:38:00 AM	Trithion	n/a	<	0.08	µg/L	EPA 525.2	0.08	0.4	WKL	
MO-SIM	2020/21-1	Wet	12/28/2020 5:50:00 AM	12/29/2020 11:35:00 AM	E. Coli	n/a	=	2382	MPN/100 mL	MMO-MUG	10	10	VCHCA	
MO-SIM	2020/21-1	Wet	12/28/2020 5:50:00 AM	12/29/2020 11:35:00 AM	Total Coliform	n/a	>	2419600	MPN/100 mL	MMO-MUG	1000	1000	VCHCA	
MO-SIM	2020/21-1	Wet	12/28/2020 5:50:00 AM	12/28/2020 5:50:00 AM	Conductivity	n/a	=	4	µmhos/cm	Field Meter	-88	1	Field Crew	
MO-SIM	2020/21-1	Wet	12/28/2020 5:50:00 AM	1/5/2021 3:54:00 PM	Cyanide	Total	=	0.0047	mg/L	ASTM D7511	0.0003	0.002	WKL	
MO-SIM	2020/21-1	Wet	12/28/2020 5:50:00 AM	12/28/2020 5:50:00 AM	DO	n/a	=	10.54	mg/L	Field Meter	-88	0.3	Field Crew	
MO-SIM	2020/21-1	Wet	12/28/2020 5:50:00 AM	12/28/2020 5:50:00 AM	DO	n/a	=	94.3	%	Field Meter	-88	0.1	Field Crew	
MO-SIM	2020/21-1	Wet	12/28/2020 5:50:00 AM	12/28/2020 5:50:00 AM	pH	n/a	=	7.58	pH Units	Field Meter	-88	0.01	Field Crew	
MO-SIM	2020/21-1	Wet	12/28/2020 5:50:00 AM	12/28/2020 5:50:00 AM	Salinity	n/a	<	100	mg/L	Field Meter	-88	100	Field Crew	
MO-SIM	2020/21-1	Wet	12/28/2020 5:50:00 AM	12/28/2020 5:50:00 AM	Specific Conductance	n/a	=	5.3	µmhos/cm	Field Meter	-88	1	Field Crew	
MO-SIM	2020/21-1	Wet	12/28/2020 5:50:00 AM	12/28/2020 5:50:00 AM	Temperature	n/a	=	10.3	°C	Field Meter	-88	0.1	Field Crew	
MO-SIM	2020/21-1	Wet	12/28/2020 5:50:00 AM	1/3/2021 10:32:00 PM	Gasoline Range Organics	n/a	<	0.065	mg/L	LUFT GC/MS	0.065	0.1	WKL	
MO-SIM	2020/21-1	Wet	12/28/2020 5:50:00 AM	1/8/2021 6:25:00 PM	Oil and Grease	n/a	DNQ	0.8	mg/L	EPA 1664B	0.7	5	WKL	
MO-SIM	2020/21-1	Wet	12/28/2020 5:50:00 AM	12/30/2020 12:00:00 PM	2-Chloroethyl vinyl ether	n/a	<	0.19	µg/L	EPA 624.1	0.19	1	WKL	
MO-SIM	2020/21-1	Wet	12/28/2020 5:50:00 AM	12/30/2020 12:00:00 PM	Methyl tert-butyl ether (MTBE)	n/a	<	0.4	µg/L	EPA 624.1	0.4	1	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-SIM	2020/21-1	Wet	12/28/2020 12:46:00 PM	12/30/2020 4:51:00 AM	Chloride	n/a	=	43	mg/L	EPA 300.0	0.17	1	WKL	
MO-SIM	2020/21-1	Wet	12/28/2020 12:46:00 PM	12/30/2020 4:51:00 AM	Fluoride	n/a	=	0.28	mg/L	EPA 300.0	0.018	0.2	WKL	
MO-SIM	2020/21-1	Wet	12/28/2020 12:46:00 PM	12/31/2020 12:45:00 AM	Perchlorate	n/a	DNQ	1.4	µg/L	EPA 314.0	0.84	2	WKL	
MO-SIM	2020/21-1	Wet	12/28/2020 12:46:00 PM	1/5/2021 6:27:00 PM	Calcium	Total	=	91.6	mg/L	EPA 200.7	0.016	0.1	WKL	
MO-SIM	2020/21-1	Wet	12/28/2020 12:46:00 PM	1/5/2021 6:27:00 PM	Magnesium	Total	=	23.2	mg/L	EPA 200.7	0.012	0.1	WKL	
MO-SIM	2020/21-1	Wet	12/28/2020 12:46:00 PM	1/4/2021 12:55:00 PM	Alkalinity as CaCO3	n/a	=	150	mg/L	SM 2320 B	0.56	5	WKL	
MO-SIM	2020/21-1	Wet	12/28/2020 12:46:00 PM	1/3/2021 12:28:00 PM	BOD	n/a	=	58	mg/L	SM 5210 B	2	2	WKL	
MO-SIM	2020/21-1	Wet	12/28/2020 12:46:00 PM	12/30/2020 12:31:00 PM	COD	n/a	=	200	mg/L	EPA 410.4	2.9	5	WKL	
MO-SIM	2020/21-1	Wet	12/28/2020 12:46:00 PM	1/5/2021 6:27:00 PM	Hardness as CaCO3	Total	=	324	mg/L	EPA 200.7	0.0894	0.662	WKL	
MO-SIM	2020/21-1	Wet	12/28/2020 12:46:00 PM	12/29/2020 3:20:00 PM	MBAS	n/a	=	0.18	mg/L	SM 5540 C	0.017	0.05	WKL	
MO-SIM	2020/21-1	Wet	12/28/2020 12:46:00 PM	1/8/2021 11:45:00 AM	Phenolics	n/a	=	0.04	mg/L	EPA 420.4	0.0032	0.01	WKL	
MO-SIM	2020/21-1	Wet	12/28/2020 12:46:00 PM	1/5/2021 12:52:00 PM	Specific Conductance	n/a	=	820	µmhos/cm	SM 2510 B	0.23	2	WKL	
MO-SIM	2020/21-1	Wet	12/28/2020 12:46:00 PM	12/30/2020 6:44:00 PM	Total Dissolved Solids	n/a	=	550	mg/L	SM 2540 C	4	10	WKL	
MO-SIM	2020/21-1	Wet	12/28/2020 12:46:00 PM	12/30/2020 2:24:00 PM	Total Organic Carbon	n/a	=	47	mg/L	SM 5310 B	0.096	0.3	WKL	
MO-SIM	2020/21-1	Wet	12/28/2020 12:46:00 PM	12/30/2020 12:43:00 PM	Total Suspended Solids	n/a	=	1200	mg/L	SM 2540 D	-88	5	WKL	
MO-SIM	2020/21-1	Wet	12/28/2020 12:46:00 PM	12/29/2020 3:36:00 PM	Turbidity	n/a	=	19	NTU	EPA 180.1	0.017	0.1	WKL	
MO-SIM	2020/21-1	Wet	12/28/2020 12:46:00 PM	12/30/2020 12:43:00 PM	Volatile Suspended Solids	n/a	=	290	mg/L	EPA 160.4	3.1	5	WKL	
MO-SIM	2020/21-1	Wet	12/28/2020 12:46:00 PM	1/12/2021 12:40:00 AM	Diesel Range Organics	n/a	=	0.12	mg/L	EPA 8015B	0.032	0.1	WKL	UL-MB
MO-SIM	2020/21-1	Wet	12/28/2020 12:46:00 PM	1/12/2021 12:40:00 AM	Oil Range Organics	n/a	<	0.33	mg/L	EPA 8015B	0.33	0.5	WKL	
MO-SIM	2020/21-1	Wet	12/28/2020 12:46:00 PM	1/4/2021 1:37:00 PM	Aluminum	Dissolved	=	21	µg/L	EPA 200.8	4.4	20	WKL	
MO-SIM	2020/21-1	Wet	12/28/2020 12:46:00 PM	1/4/2021 1:40:00 PM	Aluminum	Total	=	5500	µg/L	EPA 200.8	4.4	20	WKL	
MO-SIM	2020/21-1	Wet	12/28/2020 12:46:00 PM	1/4/2021 1:37:00 PM	Antimony	Dissolved	=	0.93	µg/L	EPA 200.8	0.089	0.5	WKL	
MO-SIM	2020/21-1	Wet	12/28/2020 12:46:00 PM	1/4/2021 1:40:00 PM	Antimony	Total	=	2.5	µg/L	EPA 200.8	0.089	0.5	WKL	
MO-SIM	2020/21-1	Wet	12/28/2020 12:46:00 PM	1/4/2021 1:37:00 PM	Arsenic	Dissolved	=	1.7	µg/L	EPA 200.8	0.074	0.4	WKL	
MO-SIM	2020/21-1	Wet	12/28/2020 12:46:00 PM	1/4/2021 1:40:00 PM	Arsenic	Total	=	5.5	µg/L	EPA 200.8	0.074	0.4	WKL	
MO-SIM	2020/21-1	Wet	12/28/2020 12:46:00 PM	1/4/2021 1:40:00 PM	Barium	Total	=	110	µg/L	EPA 200.8	0.14	1	WKL	
MO-SIM	2020/21-1	Wet	12/28/2020 12:46:00 PM	1/4/2021 1:37:00 PM	Beryllium	Dissolved	<	0.062	µg/L	EPA 200.8	0.062	0.1	WKL	
MO-SIM	2020/21-1	Wet	12/28/2020 12:46:00 PM	1/4/2021 1:40:00 PM	Beryllium	Total	=	0.26	µg/L	EPA 200.8	0.062	0.1	WKL	
MO-SIM	2020/21-1	Wet	12/28/2020 12:46:00 PM	1/4/2021 1:37:00 PM	Cadmium	Dissolved	DNQ	0.075	µg/L	EPA 200.8	0.042	0.2	WKL	
MO-SIM	2020/21-1	Wet	12/28/2020 12:46:00 PM	1/4/2021 1:40:00 PM	Cadmium	Total	=	1.1	µg/L	EPA 200.8	0.042	0.2	WKL	
MO-SIM	2020/21-1	Wet	12/28/2020 12:46:00 PM	1/4/2021 1:37:00 PM	Chromium	Dissolved	=	1.1	µg/L	EPA 200.8	0.089	0.2	WKL	
MO-SIM	2020/21-1	Wet	12/28/2020 12:46:00 PM	1/4/2021 1:40:00 PM	Chromium	Total	=	15	µg/L	EPA 200.8	0.089	0.2	WKL	
MO-SIM	2020/21-1	Wet	12/28/2020 12:46:00 PM	12/30/2020 4:56:00 PM	Chromium VI	n/a	=	0.45	µg/L	EPA 218.6	0.0079	0.02	WKL	
MO-SIM	2020/21-1	Wet	12/28/2020 12:46:00 PM	1/4/2021 1:37:00 PM	Copper	Dissolved	=	8.1	µg/L	EPA 200.8	0.23	0.5	WKL	
MO-SIM	2020/21-1	Wet	12/28/2020 12:46:00 PM	1/4/2021 1:40:00 PM	Copper	Total	=	46	µg/L	EPA 200.8	0.23	0.5	WKL	
MO-SIM	2020/21-1	Wet	12/28/2020 12:46:00 PM	1/4/2021 1:37:00 PM	Iron	Dissolved	=	110	µg/L	EPA 200.8	3.9	20	WKL	
MO-SIM	2020/21-1	Wet	12/28/2020 12:46:00 PM	1/4/2021 1:40:00 PM	Iron	Total	=	9600	µg/L	EPA 200.8	3.9	20	WKL	
MO-SIM	2020/21-1	Wet	12/28/2020 12:46:00 PM	1/4/2021 1:37:00 PM	Lead	Dissolved	=	0.6	µg/L	EPA 200.8	0.083	0.2	WKL	
MO-SIM	2020/21-1	Wet	12/28/2020 12:46:00 PM	1/4/2021 1:40:00 PM	Lead	Total	=	16	µg/L	EPA 200.8	0.083	0.2	WKL	
MO-SIM	2020/21-1	Wet	12/28/2020 12:46:00 PM	1/5/2021 2:33:00 PM	Mercury	Dissolved	<	17	ng/L	EPA 245.1	17	50	WKL	
MO-SIM	2020/21-1	Wet	12/28/2020 12:46:00 PM	1/5/2021 2:35:00 PM	Mercury	Total	=	71	ng/L	EPA 245.1	17	50	WKL	
MO-SIM	2020/21-1	Wet	12/28/2020 12:46:00 PM	1/4/2021 1:37:00 PM	Nickel	Dissolved	=	5.7	µg/L	EPA 200.8	0.16	2	WKL	
MO-SIM	2020/21-1	Wet	12/28/2020 12:46:00 PM	1/4/2021 1:40:00 PM	Nickel	Total	=	20	µg/L	EPA 200.8	0.16	2	WKL	
MO-SIM	2020/21-1	Wet	12/28/2020 12:46:00 PM	1/4/2021 1:37:00 PM	Selenium	Dissolved	=	4.8	µg/L	EPA 200.8	0.067	0.4	WKL	
MO-SIM	2020/21-1	Wet	12/28/2020 12:46:00 PM	1/4/2021 1:40:00 PM	Selenium	Total	=	5.3	µg/L	EPA 200.8	0.067	0.4	WKL	
MO-SIM	2020/21-1	Wet	12/28/2020 12:46:00 PM	1/4/2021 1:37:00 PM	Silver	Dissolved	<	0.03	µg/L	EPA 200.8	0.03	0.2	WKL	
MO-SIM	2020/21-1	Wet	12/28/2020 12:46:00 PM	1/4/2021 1:40:00 PM	Silver	Total	DNQ	0.13	µg/L	EPA 200.8	0.03	0.2	WKL	
MO-SIM	2020/21-1	Wet	12/28/2020 12:46:00 PM	1/4/2021 1:37:00 PM	Thallium	Dissolved	<	0.021	µg/L	EPA 200.8	0.021	0.2	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-SIM	2020/21-1	Wet	12/28/2020 12:46:00 PM	1/4/2021 1:40:00 PM	Thallium	Total	DNQ	0.11	µg/L	EPA 200.8	0.021	0.2	WKL	
MO-SIM	2020/21-1	Wet	12/28/2020 12:46:00 PM	1/4/2021 1:37:00 PM	Zinc	Dissolved	=	42	µg/L	EPA 200.8	0.8	10	WKL	
MO-SIM	2020/21-1	Wet	12/28/2020 12:46:00 PM	1/4/2021 1:40:00 PM	Zinc	Total	=	240	µg/L	EPA 200.8	0.8	10	WKL	
MO-SIM	2020/21-1	Wet	12/28/2020 12:46:00 PM	12/29/2020 5:59:00 PM	Ammonia as N	n/a	=	1.3	mg/L	EPA 350.1	0.047	0.1	WKL	
MO-SIM	2020/21-1	Wet	12/28/2020 12:46:00 PM	12/29/2020 12:50:00 PM	Nitrate + Nitrite as N	n/a	=	2.9	mg/L	EPA 353.2	0.036	0.2	WKL	
MO-SIM	2020/21-1	Wet	12/28/2020 12:46:00 PM	1/5/2021 6:24:00 PM	Phosphorus as P	Dissolved	=	0.2	mg/L	EPA 200.7	0.012	0.02	WKL	
MO-SIM	2020/21-1	Wet	12/28/2020 12:46:00 PM	1/5/2021 6:27:00 PM	Phosphorus as P	Total	=	1.2	mg/L	EPA 200.7	0.012	0.02	WKL	
MO-SIM	2020/21-1	Wet	12/28/2020 12:46:00 PM	12/31/2020 1:54:00 PM	TKN	n/a	=	5.7	mg/L	EPA 351.2	0.26	0.4	WKL	
MO-SIM	2020/21-1	Wet	12/28/2020 12:46:00 PM	2/2/2021 11:58:00 PM	1,2,4-Trichlorobenzene	n/a	<	4.9	µg/L	EPA 625.1	4.9	10	WKL	
MO-SIM	2020/21-1	Wet	12/28/2020 12:46:00 PM	2/2/2021 11:58:00 PM	1,2-Dichlorobenzene	n/a	<	4.6	µg/L	EPA 625.1	4.6	10	WKL	
MO-SIM	2020/21-1	Wet	12/28/2020 12:46:00 PM	2/2/2021 11:58:00 PM	1,2-Diphenylhydrazine	n/a	<	3	µg/L	EPA 625.1	3	10	WKL	
MO-SIM	2020/21-1	Wet	12/28/2020 12:46:00 PM	2/2/2021 11:58:00 PM	1,3-Dichlorobenzene	n/a	<	4.2	µg/L	EPA 625.1	4.2	10	WKL	
MO-SIM	2020/21-1	Wet	12/28/2020 12:46:00 PM	2/2/2021 11:58:00 PM	1,4-Dichlorobenzene	n/a	<	4.8	µg/L	EPA 625.1	4.8	10	WKL	
MO-SIM	2020/21-1	Wet	12/28/2020 12:46:00 PM	1/30/2021 10:55:00 PM	1-Methylnaphthalene	n/a	<	0.24	µg/L	EPA 8270C	0.24	1	WKL	
MO-SIM	2020/21-1	Wet	12/28/2020 12:46:00 PM	2/2/2021 4:06:00 AM	2,4,5-Trichlorophenol	n/a	<	2.9	µg/L	EPA 8270C	2.9	10	WKL	
MO-SIM	2020/21-1	Wet	12/28/2020 12:46:00 PM	2/2/2021 4:06:00 AM	2,4,6-Trichlorophenol	n/a	<	3	µg/L	EPA 8270C	3	10	WKL	
MO-SIM	2020/21-1	Wet	12/28/2020 12:46:00 PM	2/2/2021 11:58:00 PM	2,4,6-Trichlorophenol	n/a	<	2.2	µg/L	EPA 625.1	2.2	10	WKL	
MO-SIM	2020/21-1	Wet	12/28/2020 12:46:00 PM	2/2/2021 11:58:00 PM	2,4-Dichlorophenol	n/a	<	2.6	µg/L	EPA 625.1	2.6	10	WKL	
MO-SIM	2020/21-1	Wet	12/28/2020 12:46:00 PM	2/2/2021 4:06:00 AM	2,4-Dichlorophenol	n/a	<	5.1	µg/L	EPA 8270C	5.1	10	WKL	
MO-SIM	2020/21-1	Wet	12/28/2020 12:46:00 PM	2/2/2021 4:06:00 AM	2,4-Dimethylphenol	n/a	<	10	µg/L	EPA 8270C	10	20	WKL	LB-LCSR
MO-SIM	2020/21-1	Wet	12/28/2020 12:46:00 PM	2/2/2021 11:58:00 PM	2,4-Dimethylphenol	n/a	<	3	µg/L	EPA 625.1	3	10	WKL	
MO-SIM	2020/21-1	Wet	12/28/2020 12:46:00 PM	2/2/2021 4:06:00 AM	2,4-Dinitrophenol	n/a	<	10	µg/L	EPA 8270C	10	20	WKL	
MO-SIM	2020/21-1	Wet	12/28/2020 12:46:00 PM	2/2/2021 11:58:00 PM	2,4-Dinitrophenol	n/a	<	19	µg/L	EPA 625.1	19	100	WKL	
MO-SIM	2020/21-1	Wet	12/28/2020 12:46:00 PM	2/2/2021 11:58:00 PM	2,4-Dinitrotoluene	n/a	<	1.8	µg/L	EPA 625.1	1.8	10	WKL	
MO-SIM	2020/21-1	Wet	12/28/2020 12:46:00 PM	2/2/2021 11:58:00 PM	2,6-Dinitrotoluene	n/a	<	2.7	µg/L	EPA 625.1	2.7	10	WKL	
MO-SIM	2020/21-1	Wet	12/28/2020 12:46:00 PM	2/2/2021 11:58:00 PM	2-Chloronaphthalene	n/a	<	4.5	µg/L	EPA 625.1	4.5	10	WKL	
MO-SIM	2020/21-1	Wet	12/28/2020 12:46:00 PM	2/2/2021 11:58:00 PM	2-Chlorophenol	n/a	<	2.8	µg/L	EPA 625.1	2.8	10	WKL	
MO-SIM	2020/21-1	Wet	12/28/2020 12:46:00 PM	2/2/2021 4:06:00 AM	2-Chlorophenol	n/a	<	6.5	µg/L	EPA 8270C	6.5	10	WKL	
MO-SIM	2020/21-1	Wet	12/28/2020 12:46:00 PM	1/30/2021 10:55:00 PM	2-Methylnaphthalene	n/a	<	0.26	µg/L	EPA 8270C	0.26	1	WKL	
MO-SIM	2020/21-1	Wet	12/28/2020 12:46:00 PM	2/2/2021 4:06:00 AM	2-Methylphenol	n/a	<	3.4	µg/L	EPA 8270C	3.4	10	WKL	
MO-SIM	2020/21-1	Wet	12/28/2020 12:46:00 PM	2/2/2021 4:06:00 AM	2-Nitrophenol	n/a	<	7.1	µg/L	EPA 8270C	7.1	10	WKL	
MO-SIM	2020/21-1	Wet	12/28/2020 12:46:00 PM	2/2/2021 11:58:00 PM	2-Nitrophenol	n/a	<	2.6	µg/L	EPA 625.1	2.6	10	WKL	
MO-SIM	2020/21-1	Wet	12/28/2020 12:46:00 PM	2/2/2021 11:58:00 PM	3,3'-Dichlorobenzidine	n/a	<	9.9	µg/L	EPA 625.1	9.9	50	WKL	
MO-SIM	2020/21-1	Wet	12/28/2020 12:46:00 PM	2/2/2021 4:06:00 AM	3-/4-Methylphenol	n/a	<	3	µg/L	EPA 8270C	3	10	WKL	
MO-SIM	2020/21-1	Wet	12/28/2020 12:46:00 PM	2/2/2021 11:58:00 PM	4,6-Dinitro-2-methylphenol	n/a	<	14	µg/L	EPA 625.1	14	50	WKL	
MO-SIM	2020/21-1	Wet	12/28/2020 12:46:00 PM	2/2/2021 4:06:00 AM	4,6-Dinitro-2-methylphenol	n/a	<	1.4	µg/L	EPA 8270C	1.4	10	WKL	
MO-SIM	2020/21-1	Wet	12/28/2020 12:46:00 PM	2/2/2021 11:58:00 PM	4-Bromophenyl phenyl ether	n/a	<	3.6	µg/L	EPA 625.1	3.6	10	WKL	
MO-SIM	2020/21-1	Wet	12/28/2020 12:46:00 PM	2/2/2021 11:58:00 PM	4-Chloro-3-methylphenol	n/a	<	2.3	µg/L	EPA 625.1	2.3	10	WKL	
MO-SIM	2020/21-1	Wet	12/28/2020 12:46:00 PM	2/2/2021 4:06:00 AM	4-Chloro-3-methylphenol	n/a	<	3.7	µg/L	EPA 8270C	3.7	10	WKL	
MO-SIM	2020/21-1	Wet	12/28/2020 12:46:00 PM	2/2/2021 11:58:00 PM	4-Chlorophenyl phenyl ether	n/a	<	4.1	µg/L	EPA 625.1	4.1	10	WKL	
MO-SIM	2020/21-1	Wet	12/28/2020 12:46:00 PM	2/2/2021 11:58:00 PM	4-Nitrophenol	n/a	<	12	µg/L	EPA 625.1	12	50	WKL	
MO-SIM	2020/21-1	Wet	12/28/2020 12:46:00 PM	2/2/2021 4:06:00 AM	4-Nitrophenol	n/a	<	10	µg/L	EPA 8270C	10	20	WKL	
MO-SIM	2020/21-1	Wet	12/28/2020 12:46:00 PM	1/30/2021 10:55:00 PM	Acenaphthene	n/a	<	0.28	µg/L	EPA 8270C	0.28	1	WKL	
MO-SIM	2020/21-1	Wet	12/28/2020 12:46:00 PM	2/2/2021 11:58:00 PM	Acenaphthene	n/a	<	3.8	µg/L	EPA 625.1	3.8	10	WKL	
MO-SIM	2020/21-1	Wet	12/28/2020 12:46:00 PM	2/2/2021 11:58:00 PM	Acenaphthylene	n/a	<	1.7	µg/L	EPA 625.1	1.7	10	WKL	
MO-SIM	2020/21-1	Wet	12/28/2020 12:46:00 PM	1/30/2021 10:55:00 PM	Acenaphthylene	n/a	<	0.33	µg/L	EPA 8270C	0.33	1	WKL	
MO-SIM	2020/21-1	Wet	12/28/2020 12:46:00 PM	1/30/2021 10:55:00 PM	Anthracene	n/a	<	0.25	µg/L	EPA 8270C	0.25	1	WKL	
MO-SIM	2020/21-1	Wet	12/28/2020 12:46:00 PM	2/2/2021 11:58:00 PM	Anthracene	n/a	<	1.2	µg/L	EPA 625.1	1.2	10	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-SIM	2020/21-1	Wet	12/28/2020 12:46:00 PM	2/2/2021 11:58:00 PM	Benzo(a)anthracene	n/a	<	1.9	µg/L	EPA 625.1	1.9	10	WKL	
MO-SIM	2020/21-1	Wet	12/28/2020 12:46:00 PM	1/30/2021 10:55:00 PM	Benzo(a)anthracene	n/a	<	0.51	µg/L	EPA 8270C	0.51	1	WKL	
MO-SIM	2020/21-1	Wet	12/28/2020 12:46:00 PM	2/2/2021 11:58:00 PM	Benzenzidine	n/a	<	14	µg/L	EPA 625.1	14	100	WKL	
MO-SIM	2020/21-1	Wet	12/28/2020 12:46:00 PM	1/22/2021 12:37:00 AM	Benzo(a)pyrene	n/a	<	0.4	µg/L	EPA 525.2	0.4	2	WKL	
MO-SIM	2020/21-1	Wet	12/28/2020 12:46:00 PM	2/2/2021 11:58:00 PM	Benzo(a)pyrene	n/a	<	3.9	µg/L	EPA 625.1	3.9	10	WKL	
MO-SIM	2020/21-1	Wet	12/28/2020 12:46:00 PM	1/30/2021 10:55:00 PM	Benzo(a)pyrene	n/a	<	0.51	µg/L	EPA 8270C	0.51	1	WKL	
MO-SIM	2020/21-1	Wet	12/28/2020 12:46:00 PM	1/30/2021 10:55:00 PM	Benzo(b)fluoranthene	n/a	<	0.27	µg/L	EPA 8270C	0.27	1	WKL	
MO-SIM	2020/21-1	Wet	12/28/2020 12:46:00 PM	2/2/2021 11:58:00 PM	Benzo(b)fluoranthene	n/a	<	4.6	µg/L	EPA 625.1	4.6	10	WKL	
MO-SIM	2020/21-1	Wet	12/28/2020 12:46:00 PM	2/2/2021 11:58:00 PM	Benzo(g,h,i)perylene	n/a	<	4.2	µg/L	EPA 625.1	4.2	20	WKL	
MO-SIM	2020/21-1	Wet	12/28/2020 12:46:00 PM	1/30/2021 10:55:00 PM	Benzo(g,h,i)perylene	n/a	<	0.5	µg/L	EPA 8270C	0.5	1	WKL	
MO-SIM	2020/21-1	Wet	12/28/2020 12:46:00 PM	2/2/2021 11:58:00 PM	Benzo(k)fluoranthene	n/a	<	2.2	µg/L	EPA 625.1	2.2	10	WKL	
MO-SIM	2020/21-1	Wet	12/28/2020 12:46:00 PM	1/30/2021 10:55:00 PM	Benzo(k)fluoranthene	n/a	<	0.26	µg/L	EPA 8270C	0.26	1	WKL	
MO-SIM	2020/21-1	Wet	12/28/2020 12:46:00 PM	2/2/2021 11:58:00 PM	Bis(2-chloroethoxy)methane	n/a	<	2.5	µg/L	EPA 625.1	2.5	10	WKL	
MO-SIM	2020/21-1	Wet	12/28/2020 12:46:00 PM	2/2/2021 11:58:00 PM	Bis(2-chloroethyl)ether	n/a	<	2.7	µg/L	EPA 625.1	2.7	10	WKL	
MO-SIM	2020/21-1	Wet	12/28/2020 12:46:00 PM	2/2/2021 11:58:00 PM	Bis(2-chloroisopropyl)ether	n/a	<	3.8	µg/L	EPA 625.1	3.8	10	WKL	
MO-SIM	2020/21-1	Wet	12/28/2020 12:46:00 PM	1/22/2021 12:37:00 AM	Bis(2-ethylhexyl)adipate	n/a	<	2.4	µg/L	EPA 525.2	2.4	100	WKL	
MO-SIM	2020/21-1	Wet	12/28/2020 12:46:00 PM	2/2/2021 11:58:00 PM	Bis(2-ethylhexyl)phthalate	n/a	<	23	µg/L	EPA 625.1	23	50	WKL	
MO-SIM	2020/21-1	Wet	12/28/2020 12:46:00 PM	1/22/2021 12:37:00 AM	Bis(2-ethylhexyl)phthalate	n/a	<	8.2	µg/L	EPA 525.2	8.2	60	WKL	
MO-SIM	2020/21-1	Wet	12/28/2020 12:46:00 PM	2/2/2021 11:58:00 PM	Butyl benzyl phthalate	n/a	DNQ	4.2	µg/L	EPA 625.1	1.8	10	WKL	
MO-SIM	2020/21-1	Wet	12/28/2020 12:46:00 PM	2/2/2021 11:58:00 PM	Chrysene	n/a	<	1.9	µg/L	EPA 625.1	1.9	10	WKL	
MO-SIM	2020/21-1	Wet	12/28/2020 12:46:00 PM	1/30/2021 10:55:00 PM	Chrysene	n/a	<	0.32	µg/L	EPA 8270C	0.32	1	WKL	
MO-SIM	2020/21-1	Wet	12/28/2020 12:46:00 PM	1/30/2021 10:55:00 PM	Dibenz(a,h)anthracene	n/a	<	0.96	µg/L	EPA 8270C	0.96	1	WKL	
MO-SIM	2020/21-1	Wet	12/28/2020 12:46:00 PM	2/2/2021 11:58:00 PM	Dibenz(a,h)anthracene	n/a	<	5.3	µg/L	EPA 625.1	5.3	20	WKL	
MO-SIM	2020/21-1	Wet	12/28/2020 12:46:00 PM	2/2/2021 11:58:00 PM	Diethyl phthalate	n/a	<	1.5	µg/L	EPA 625.1	1.5	10	WKL	
MO-SIM	2020/21-1	Wet	12/28/2020 12:46:00 PM	2/2/2021 11:58:00 PM	Dimethyl phthalate	n/a	<	1.8	µg/L	EPA 625.1	1.8	10	WKL	
MO-SIM	2020/21-1	Wet	12/28/2020 12:46:00 PM	2/2/2021 11:58:00 PM	Di-n-butylphthalate	n/a	<	1	µg/L	EPA 625.1	1	10	WKL	
MO-SIM	2020/21-1	Wet	12/28/2020 12:46:00 PM	2/2/2021 11:58:00 PM	Di-n-octylphthalate	n/a	<	4.6	µg/L	EPA 625.1	4.6	10	WKL	
MO-SIM	2020/21-1	Wet	12/28/2020 12:46:00 PM	1/30/2021 10:55:00 PM	Fluoranthene	n/a	<	0.39	µg/L	EPA 8270C	0.39	1	WKL	
MO-SIM	2020/21-1	Wet	12/28/2020 12:46:00 PM	2/2/2021 11:58:00 PM	Fluoranthene	n/a	<	0.8	µg/L	EPA 625.1	0.8	10	WKL	
MO-SIM	2020/21-1	Wet	12/28/2020 12:46:00 PM	2/2/2021 11:58:00 PM	Fluorene	n/a	<	3.5	µg/L	EPA 625.1	3.5	10	WKL	
MO-SIM	2020/21-1	Wet	12/28/2020 12:46:00 PM	1/30/2021 10:55:00 PM	Fluorene	n/a	<	0.29	µg/L	EPA 8270C	0.29	1	WKL	
MO-SIM	2020/21-1	Wet	12/28/2020 12:46:00 PM	2/2/2021 11:58:00 PM	Hexachlorobenzene	n/a	<	4.9	µg/L	EPA 625.1	4.9	10	WKL	
MO-SIM	2020/21-1	Wet	12/28/2020 12:46:00 PM	2/2/2021 11:58:00 PM	Hexachlorobutadiene	n/a	<	4.7	µg/L	EPA 625.1	4.7	10	WKL	
MO-SIM	2020/21-1	Wet	12/28/2020 12:46:00 PM	2/2/2021 11:58:00 PM	Hexachlorocyclopentadiene	n/a	<	9.8	µg/L	EPA 625.1	9.8	50	WKL	
MO-SIM	2020/21-1	Wet	12/28/2020 12:46:00 PM	2/2/2021 11:58:00 PM	Hexachloroethane	n/a	<	5	µg/L	EPA 625.1	5	10	WKL	
MO-SIM	2020/21-1	Wet	12/28/2020 12:46:00 PM	2/2/2021 11:58:00 PM	Indeno(1,2,3-cd)pyrene	n/a	<	5.5	µg/L	EPA 625.1	5.5	20	WKL	
MO-SIM	2020/21-1	Wet	12/28/2020 12:46:00 PM	1/30/2021 10:55:00 PM	Indeno(1,2,3-cd)pyrene	n/a	<	0.65	µg/L	EPA 8270C	0.65	1	WKL	
MO-SIM	2020/21-1	Wet	12/28/2020 12:46:00 PM	2/2/2021 11:58:00 PM	Isophorone	n/a	<	2.1	µg/L	EPA 625.1	2.1	10	WKL	
MO-SIM	2020/21-1	Wet	12/28/2020 12:46:00 PM	2/2/2021 11:58:00 PM	Naphthalene	n/a	<	4.9	µg/L	EPA 625.1	4.9	10	WKL	
MO-SIM	2020/21-1	Wet	12/28/2020 12:46:00 PM	1/30/2021 10:55:00 PM	Naphthalene	n/a	<	0.26	µg/L	EPA 8270C	0.26	1	WKL	
MO-SIM	2020/21-1	Wet	12/28/2020 12:46:00 PM	2/2/2021 11:58:00 PM	Nitrobenzene	n/a	<	3.6	µg/L	EPA 625.1	3.6	10	WKL	
MO-SIM	2020/21-1	Wet	12/28/2020 12:46:00 PM	2/2/2021 11:58:00 PM	N-Nitrosodimethylamine	n/a	<	5	µg/L	EPA 625.1	5	10	WKL	
MO-SIM	2020/21-1	Wet	12/28/2020 12:46:00 PM	2/2/2021 11:58:00 PM	N-Nitrosodi-N-propylamine	n/a	<	2.6	µg/L	EPA 625.1	2.6	10	WKL	
MO-SIM	2020/21-1	Wet	12/28/2020 12:46:00 PM	2/2/2021 11:58:00 PM	N-Nitrosodiphenylamine	n/a	<	1.9	µg/L	EPA 625.1	1.9	10	WKL	
MO-SIM	2020/21-1	Wet	12/28/2020 12:46:00 PM	2/2/2021 11:58:00 PM	Phenanthrene	n/a	<	3.2	µg/L	EPA 625.1	3.2	10	WKL	
MO-SIM	2020/21-1	Wet	12/28/2020 12:46:00 PM	1/30/2021 10:55:00 PM	Phenanthrene	n/a	<	0.29	µg/L	EPA 8270C	0.29	1	WKL	
MO-SIM	2020/21-1	Wet	12/28/2020 12:46:00 PM	2/2/2021 11:58:00 PM	Phenol	n/a	<	1.6	µg/L	EPA 625.1	1.6	10	WKL	
MO-SIM	2020/21-1	Wet	12/28/2020 12:46:00 PM	2/2/2021 4:06:00 AM	Phenol	n/a	<	3.5	µg/L	EPA 8270C	3.5	10	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-SIM	2020/21-1	Wet	12/28/2020 12:46:00 PM	2/2/2021 11:58:00 PM	Pyrene	n/a	<	2.5	µg/L	EPA 625.1	2.5	10	WKL	
MO-SIM	2020/21-1	Wet	12/28/2020 12:46:00 PM	1/30/2021 10:55:00 PM	Pyrene	n/a	<	0.4	µg/L	EPA 8270C	0.4	1	WKL	
MO-SIM	2020/21-1	Wet	12/28/2020 12:46:00 PM	1/14/2021 3:52:00 AM	PCB Aroclor 1016	n/a	<	10	µg/L	EPA 608.3	10	10	WKL	
MO-SIM	2020/21-1	Wet	12/28/2020 12:46:00 PM	1/14/2021 3:52:00 AM	PCB Aroclor 1221	n/a	<	10	µg/L	EPA 608.3	10	10	WKL	
MO-SIM	2020/21-1	Wet	12/28/2020 12:46:00 PM	1/14/2021 3:52:00 AM	PCB Aroclor 1232	n/a	<	10	µg/L	EPA 608.3	10	10	WKL	
MO-SIM	2020/21-1	Wet	12/28/2020 12:46:00 PM	1/14/2021 3:52:00 AM	PCB Aroclor 1242	n/a	<	10	µg/L	EPA 608.3	10	10	WKL	
MO-SIM	2020/21-1	Wet	12/28/2020 12:46:00 PM	1/14/2021 3:52:00 AM	PCB Aroclor 1248	n/a	<	10	µg/L	EPA 608.3	10	10	WKL	
MO-SIM	2020/21-1	Wet	12/28/2020 12:46:00 PM	1/14/2021 3:52:00 AM	PCB Aroclor 1254	n/a	<	10	µg/L	EPA 608.3	10	10	WKL	
MO-SIM	2020/21-1	Wet	12/28/2020 12:46:00 PM	1/14/2021 3:52:00 AM	PCB Aroclor 1260	n/a	<	10	µg/L	EPA 608.3	10	10	WKL	
MO-SIM	2020/21-1	Wet	12/28/2020 12:46:00 PM	1/10/2021 8:01:00 AM	2,4,5-T	n/a	<	0.55	µg/L	EPA 515.4	0.55	2	WKL	
MO-SIM	2020/21-1	Wet	12/28/2020 12:46:00 PM	1/10/2021 8:01:00 AM	2,4,5-TP	n/a	<	0.46	µg/L	EPA 515.4	0.46	2	WKL	
MO-SIM	2020/21-1	Wet	12/28/2020 12:46:00 PM	1/10/2021 8:01:00 AM	2,4-D	n/a	<	1.4	µg/L	EPA 515.4	1.4	4	WKL	
MO-SIM	2020/21-1	Wet	12/28/2020 12:46:00 PM	1/10/2021 8:01:00 AM	2,4-DB	n/a	<	1.9	µg/L	EPA 515.4	1.9	20	WKL	
MO-SIM	2020/21-1	Wet	12/28/2020 12:46:00 PM	1/10/2021 8:01:00 AM	3,5-Dichlorobenzoic acid	n/a	<	1.2	µg/L	EPA 515.4	1.2	10	WKL	
MO-SIM	2020/21-1	Wet	12/28/2020 12:46:00 PM	1/14/2021 3:52:00 AM	4,4'-DDD	n/a	<	0.014	µg/L	EPA 608.3	0.014	1	WKL	
MO-SIM	2020/21-1	Wet	12/28/2020 12:46:00 PM	1/14/2021 3:52:00 AM	4,4'-DDE	n/a	<	0.1	µg/L	EPA 608.3	0.1	1	WKL	
MO-SIM	2020/21-1	Wet	12/28/2020 12:46:00 PM	1/14/2021 3:52:00 AM	4,4'-DDT	n/a	<	0.022	µg/L	EPA 608.3	0.022	0.2	WKL	
MO-SIM	2020/21-1	Wet	12/28/2020 12:46:00 PM	1/10/2021 8:01:00 AM	Acifluorfen	n/a	<	0.72	µg/L	EPA 515.4	0.72	4	WKL	
MO-SIM	2020/21-1	Wet	12/28/2020 12:46:00 PM	1/22/2021 12:37:00 AM	Alachlor	n/a	<	0.6	µg/L	EPA 525.2	0.6	2	WKL	
MO-SIM	2020/21-1	Wet	12/28/2020 12:46:00 PM	1/14/2021 3:52:00 AM	Aldrin	n/a	<	0.02	µg/L	EPA 608.3	0.02	0.1	WKL	
MO-SIM	2020/21-1	Wet	12/28/2020 12:46:00 PM	1/14/2021 3:52:00 AM	alpha-BHC	n/a	<	0.022	µg/L	EPA 608.3	0.022	0.2	WKL	
MO-SIM	2020/21-1	Wet	12/28/2020 12:46:00 PM	1/14/2021 3:52:00 AM	alpha-Chlordane	n/a	<	0.058	µg/L	EPA 608.3	0.058	0.2	WKL	
MO-SIM	2020/21-1	Wet	12/28/2020 12:46:00 PM	1/22/2021 12:37:00 AM	Atrazine	n/a	<	0.6	µg/L	EPA 525.2	0.6	2	WKL	
MO-SIM	2020/21-1	Wet	12/28/2020 12:46:00 PM	1/20/2021 8:58:00 AM	Azinphos methyl	n/a	<	0.28	µg/L	EPA 625.1m	0.28	0.5	WKL	
MO-SIM	2020/21-1	Wet	12/28/2020 12:46:00 PM	1/10/2021 8:01:00 AM	Bentazon	n/a	<	2.3	µg/L	EPA 515.4	2.3	20	WKL	
MO-SIM	2020/21-1	Wet	12/28/2020 12:46:00 PM	1/14/2021 3:52:00 AM	beta-BHC	n/a	<	0.03	µg/L	EPA 608.3	0.03	0.1	WKL	
MO-SIM	2020/21-1	Wet	12/28/2020 12:46:00 PM	1/20/2021 8:58:00 AM	Bolstar	n/a	<	0.23	µg/L	EPA 625.1m	0.23	0.5	WKL	
MO-SIM	2020/21-1	Wet	12/28/2020 12:46:00 PM	1/22/2021 12:37:00 AM	Bromacil	n/a	DNQ	9.4	µg/L	EPA 525.2	3.2	10	WKL	
MO-SIM	2020/21-1	Wet	12/28/2020 12:46:00 PM	1/22/2021 12:37:00 AM	Butachlor	n/a	<	0.6	µg/L	EPA 525.2	0.6	2	WKL	
MO-SIM	2020/21-1	Wet	12/28/2020 12:46:00 PM	1/22/2021 12:37:00 AM	Captan	n/a	<	3.2	µg/L	EPA 525.2	3.2	20	WKL	
MO-SIM	2020/21-1	Wet	12/28/2020 12:46:00 PM	1/14/2021 3:52:00 AM	Chlordane (technical)	n/a	<	2	µg/L	EPA 608.3	2	2	WKL	
MO-SIM	2020/21-1	Wet	12/28/2020 12:46:00 PM	1/22/2021 12:37:00 AM	Chlorpropham	n/a	<	0.8	µg/L	EPA 525.2	0.8	2	WKL	
MO-SIM	2020/21-1	Wet	12/28/2020 12:46:00 PM	1/20/2021 8:58:00 AM	Chlorpyrifos	n/a	<	0.34	µg/L	EPA 625.1m	0.34	0.5	WKL	
MO-SIM	2020/21-1	Wet	12/28/2020 12:46:00 PM	1/20/2021 8:58:00 AM	Coumaphos	n/a	<	0.26	µg/L	EPA 625.1m	0.26	0.5	WKL	
MO-SIM	2020/21-1	Wet	12/28/2020 12:46:00 PM	1/22/2021 12:37:00 AM	Cyanazine	n/a	<	0.8	µg/L	EPA 525.2	0.8	2	WKL	
MO-SIM	2020/21-1	Wet	12/28/2020 12:46:00 PM	1/10/2021 8:01:00 AM	Dalapon	n/a	<	1.1	µg/L	EPA 515.4	1.1	4	WKL	
MO-SIM	2020/21-1	Wet	12/28/2020 12:46:00 PM	1/10/2021 8:01:00 AM	DCPA (Daacthal)	n/a	<	0.53	µg/L	EPA 515.4	0.53	1	WKL	
MO-SIM	2020/21-1	Wet	12/28/2020 12:46:00 PM	1/14/2021 3:52:00 AM	delta-BHC	n/a	<	0.2	µg/L	EPA 608.3	0.2	0.2	WKL	
MO-SIM	2020/21-1	Wet	12/28/2020 12:46:00 PM	1/20/2021 8:58:00 AM	Demeton-O	n/a	<	0.5	µg/L	EPA 625.1m	0.5	0.5	WKL	-LCSRPD, LB-L
MO-SIM	2020/21-1	Wet	12/28/2020 12:46:00 PM	1/20/2021 8:58:00 AM	Demeton-S	n/a	<	0.5	µg/L	EPA 625.1m	0.5	0.5	WKL	
MO-SIM	2020/21-1	Wet	12/28/2020 12:46:00 PM	1/22/2021 12:37:00 AM	Diazinon	n/a	<	1	µg/L	EPA 525.2	1	2	WKL	
MO-SIM	2020/21-1	Wet	12/28/2020 12:46:00 PM	1/20/2021 8:58:00 AM	Diazinon	n/a	<	0.26	µg/L	EPA 625.1m	0.26	0.5	WKL	EST-LCSRPD
MO-SIM	2020/21-1	Wet	12/28/2020 12:46:00 PM	1/8/2021 7:19:00 AM	Dicamba	n/a	DNQ	0.33	µg/L	EPA 515.4	0.075	0.6	WKL	
MO-SIM	2020/21-1	Wet	12/28/2020 12:46:00 PM	1/10/2021 8:01:00 AM	Dichlorprop	n/a	<	1.2	µg/L	EPA 515.4	1.2	3	WKL	
MO-SIM	2020/21-1	Wet	12/28/2020 12:46:00 PM	1/20/2021 8:58:00 AM	Dichlorvos	n/a	<	0.14	µg/L	EPA 625.1m	0.14	0.5	WKL	
MO-SIM	2020/21-1	Wet	12/28/2020 12:46:00 PM	1/14/2021 3:52:00 AM	Fieldrin	n/a	<	0.1	µg/L	EPA 608.3	0.1	0.2	WKL	
MO-SIM	2020/21-1	Wet	12/28/2020 12:46:00 PM	1/22/2021 12:37:00 AM	Dimethoate	n/a	<	0.4	µg/L	EPA 525.2	0.4	4	WKL	
MO-SIM	2020/21-1	Wet	12/28/2020 12:46:00 PM	1/20/2021 8:58:00 AM	Dimethoate	n/a	<	0.31	µg/L	EPA 625.1m	0.31	0.5	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-SIM	2020/21-1	Wet	12/28/2020 12:46:00 PM	1/10/2021 8:01:00 AM	Dinoseb	n/a	<	0.55	µg/L	EPA 515.4	0.55	4	WKL	
MO-SIM	2020/21-1	Wet	12/28/2020 12:46:00 PM	1/22/2021 12:37:00 AM	Diphenamid	n/a	<	0.6	µg/L	EPA 525.2	0.6	2	WKL	
MO-SIM	2020/21-1	Wet	12/28/2020 12:46:00 PM	1/22/2021 12:37:00 AM	Disulfoton	n/a	<	0.8	µg/L	EPA 525.2	0.8	2	WKL	
MO-SIM	2020/21-1	Wet	12/28/2020 12:46:00 PM	1/20/2021 8:58:00 AM	Disulfoton	n/a	<	0.5	µg/L	EPA 625.1m	0.5	0.5	WKL	
MO-SIM	2020/21-1	Wet	12/28/2020 12:46:00 PM	1/14/2021 3:52:00 AM	Endosulfan I	n/a	<	0.018	µg/L	EPA 608.3	0.018	0.4	WKL	
MO-SIM	2020/21-1	Wet	12/28/2020 12:46:00 PM	1/14/2021 3:52:00 AM	Endosulfan II	n/a	<	0.014	µg/L	EPA 608.3	0.014	0.2	WKL	
MO-SIM	2020/21-1	Wet	12/28/2020 12:46:00 PM	1/14/2021 3:52:00 AM	Endosulfan sulfate	n/a	<	0.026	µg/L	EPA 608.3	0.026	1	WKL	
MO-SIM	2020/21-1	Wet	12/28/2020 12:46:00 PM	1/14/2021 3:52:00 AM	Endrin	n/a	<	0.034	µg/L	EPA 608.3	0.034	0.2	WKL	
MO-SIM	2020/21-1	Wet	12/28/2020 12:46:00 PM	1/14/2021 3:52:00 AM	Endrin aldehyde	n/a	<	0.038	µg/L	EPA 608.3	0.038	0.2	WKL	
MO-SIM	2020/21-1	Wet	12/28/2020 12:46:00 PM	1/22/2021 12:37:00 AM	EPTC	n/a	<	0.4	µg/L	EPA 525.2	0.4	2	WKL	
MO-SIM	2020/21-1	Wet	12/28/2020 12:46:00 PM	1/20/2021 8:58:00 AM	Ethoprop	n/a	<	0.34	µg/L	EPA 625.1m	0.34	0.5	WKL	
MO-SIM	2020/21-1	Wet	12/28/2020 12:46:00 PM	1/20/2021 8:58:00 AM	Ethyl parathion	n/a	<	0.27	µg/L	EPA 625.1m	0.27	0.5	WKL	EST-LCSRPD
MO-SIM	2020/21-1	Wet	12/28/2020 12:46:00 PM	1/20/2021 8:58:00 AM	Fensulfothion	n/a	<	0.14	µg/L	EPA 625.1m	0.14	0.5	WKL	
MO-SIM	2020/21-1	Wet	12/28/2020 12:46:00 PM	1/20/2021 8:58:00 AM	Fenthion	n/a	<	0.19	µg/L	EPA 625.1m	0.19	0.5	WKL	
MO-SIM	2020/21-1	Wet	12/28/2020 12:46:00 PM	1/14/2021 3:52:00 AM	gamma-BHC (Lindane)	n/a	<	0.008	µg/L	EPA 608.3	0.008	0.4	WKL	
MO-SIM	2020/21-1	Wet	12/28/2020 12:46:00 PM	1/14/2021 3:52:00 AM	gamma-Chlordane	n/a	<	0.046	µg/L	EPA 608.3	0.046	0.2	WKL	
MO-SIM	2020/21-1	Wet	12/28/2020 12:46:00 PM	12/30/2020 3:47:00 AM	Glyphosate	n/a	=	17	µg/L	EPA 547	1.8	5	WKL	
MO-SIM	2020/21-1	Wet	12/28/2020 12:46:00 PM	1/14/2021 3:52:00 AM	Heptachlor	n/a	<	0.012	µg/L	EPA 608.3	0.012	0.2	WKL	
MO-SIM	2020/21-1	Wet	12/28/2020 12:46:00 PM	1/14/2021 3:52:00 AM	Heptachlor epoxide	n/a	<	0.008	µg/L	EPA 608.3	0.008	0.2	WKL	
MO-SIM	2020/21-1	Wet	12/28/2020 12:46:00 PM	1/20/2021 8:58:00 AM	Malathion	n/a	<	0.38	µg/L	EPA 625.1m	0.38	0.5	WKL	
MO-SIM	2020/21-1	Wet	12/28/2020 12:46:00 PM	1/20/2021 8:58:00 AM	Merphos	n/a	<	0.29	µg/L	EPA 625.1m	0.29	0.5	WKL	
MO-SIM	2020/21-1	Wet	12/28/2020 12:46:00 PM	1/20/2021 8:58:00 AM	Methyl parathion	n/a	<	0.32	µg/L	EPA 625.1m	0.32	0.5	WKL	
MO-SIM	2020/21-1	Wet	12/28/2020 12:46:00 PM	1/22/2021 12:37:00 AM	Metolachlor	n/a	<	0.6	µg/L	EPA 525.2	0.6	2	WKL	
MO-SIM	2020/21-1	Wet	12/28/2020 12:46:00 PM	1/22/2021 12:37:00 AM	Metribuzin	n/a	<	0.6	µg/L	EPA 525.2	0.6	2	WKL	
MO-SIM	2020/21-1	Wet	12/28/2020 12:46:00 PM	1/20/2021 8:58:00 AM	Mevinphos	n/a	<	0.21	µg/L	EPA 625.1m	0.21	0.5	WKL	
MO-SIM	2020/21-1	Wet	12/28/2020 12:46:00 PM	1/22/2021 12:37:00 AM	Molinate	n/a	<	0.6	µg/L	EPA 525.2	0.6	2	WKL	
MO-SIM	2020/21-1	Wet	12/28/2020 12:46:00 PM	1/20/2021 8:58:00 AM	Naled	n/a	<	0.38	µg/L	EPA 625.1m	0.38	0.5	WKL	
MO-SIM	2020/21-1	Wet	12/28/2020 12:46:00 PM	1/8/2021 7:19:00 AM	Pentachlorophenol	n/a	=	0.33	µg/L	EPA 515.4	0.046	0.2	WKL	
MO-SIM	2020/21-1	Wet	12/28/2020 12:46:00 PM	2/2/2021 11:58:00 PM	Pentachlorophenol	n/a	<	4	µg/L	EPA 625.1	4	10	WKL	
MO-SIM	2020/21-1	Wet	12/28/2020 12:46:00 PM	2/2/2021 4:06:00 AM	Pentachlorophenol	n/a	<	1.5	µg/L	EPA 8270C	1.5	10	WKL	
MO-SIM	2020/21-1	Wet	12/28/2020 12:46:00 PM	1/20/2021 8:58:00 AM	Phorate	n/a	<	0.15	µg/L	EPA 625.1m	0.15	0.5	WKL	
MO-SIM	2020/21-1	Wet	12/28/2020 12:46:00 PM	1/10/2021 8:01:00 AM	Picloram	n/a	<	0.38	µg/L	EPA 515.4	0.38	6	WKL	
MO-SIM	2020/21-1	Wet	12/28/2020 12:46:00 PM	1/22/2021 12:37:00 AM	Prometon	n/a	<	0.2	µg/L	EPA 525.2	0.2	2	WKL	EST-LCSRPD
MO-SIM	2020/21-1	Wet	12/28/2020 12:46:00 PM	1/22/2021 12:37:00 AM	Prometryn	n/a	<	0.6	µg/L	EPA 525.2	0.6	2	WKL	EST-LCSRPD
MO-SIM	2020/21-1	Wet	12/28/2020 12:46:00 PM	1/20/2021 8:58:00 AM	Ronnel (Fenclorophos)	n/a	<	0.2	µg/L	EPA 625.1m	0.2	0.5	WKL	
MO-SIM	2020/21-1	Wet	12/28/2020 12:46:00 PM	1/22/2021 12:37:00 AM	Simazine	n/a	<	0.4	µg/L	EPA 525.2	0.4	2	WKL	
MO-SIM	2020/21-1	Wet	12/28/2020 12:46:00 PM	1/20/2021 8:58:00 AM	Stirophos (Tetrachlorvinphos)	n/a	<	0.16	µg/L	EPA 625.1m	0.16	0.5	WKL	
MO-SIM	2020/21-1	Wet	12/28/2020 12:46:00 PM	1/22/2021 12:37:00 AM	Terbacil	n/a	<	1.8	µg/L	EPA 525.2	1.8	40	WKL	EST-LCSRPD
MO-SIM	2020/21-1	Wet	12/28/2020 12:46:00 PM	1/22/2021 12:37:00 AM	Thiobencarb	n/a	<	0.6	µg/L	EPA 525.2	0.6	2	WKL	
MO-SIM	2020/21-1	Wet	12/28/2020 12:46:00 PM	1/20/2021 8:58:00 AM	Tokuthion	n/a	<	0.39	µg/L	EPA 625.1m	0.39	0.5	WKL	
MO-SIM	2020/21-1	Wet	12/28/2020 12:46:00 PM	1/14/2021 3:52:00 AM	Toxaphene	n/a	<	50	µg/L	EPA 608.3	50	50	WKL	
MO-SIM	2020/21-1	Wet	12/28/2020 12:46:00 PM	1/20/2021 8:58:00 AM	Trichloronate	n/a	<	0.34	µg/L	EPA 625.1m	0.34	0.5	WKL	
MO-SIM	2020/21-1	Wet	12/28/2020 12:46:00 PM	1/22/2021 12:37:00 AM	Trithion	n/a	<	0.4	µg/L	EPA 525.2	0.4	2	WKL	
MO-SIM	2020/21-2	Wet	1/28/2021 9:10:00 PM	1/28/2021 9:10:00 PM	Conductivity	n/a	=	231.6	µmhos/cm	Field Meter	-88	1	Field Crew	
MO-SIM	2020/21-2	Wet	1/28/2021 9:10:00 PM	2/9/2021 5:12:00 PM	Cyanide	Total	DNQ	0.0015	mg/L	ASTM D7511	0.0003	0.002	WKL	
MO-SIM	2020/21-2	Wet	1/28/2021 9:10:00 PM	1/28/2021 9:10:00 PM	DO	n/a	=	9.3	mg/L	Field Meter	-88	0.3	Field Crew	
MO-SIM	2020/21-2	Wet	1/28/2021 9:10:00 PM	1/28/2021 9:10:00 PM	DO	n/a	=	84.8	%	Field Meter	-88	0.1	Field Crew	
MO-SIM	2020/21-2	Wet	1/28/2021 9:10:00 PM	1/28/2021 9:10:00 PM	pH	n/a	=	7.49	pH Units	Field Meter	-88	0.01	Field Crew	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-SIM	2020/21-2	Wet	1/28/2021 9:10:00 PM	1/28/2021 9:10:00 PM	Salinity	n/a	=	200	mg/L	Field Meter	-88	100	Field Crew	
MO-SIM	2020/21-2	Wet	1/28/2021 9:10:00 PM	1/28/2021 9:10:00 PM	Specific Conductance	n/a	=	314.1	µmhos/cm	Field Meter	-88	1	Field Crew	
MO-SIM	2020/21-2	Wet	1/28/2021 9:10:00 PM	1/28/2021 9:10:00 PM	Temperature	n/a	=	11.2	°C	Field Meter	-88	0.1	Field Crew	
MO-SIM	2020/21-2	Wet	1/28/2021 9:10:00 PM	2/1/2021 11:08:00 AM	Gasoline Range Organics	n/a	<	0.065	mg/L	LUFT GC/MS	0.065	0.1	WKL	
MO-SIM	2020/21-2	Wet	1/28/2021 9:10:00 PM	2/19/2021 11:29:00 AM	Oil and Grease	n/a	DNQ	0.7	mg/L	EPA 1664B	0.7	5	WKL	
MO-SIM	2020/21-2	Wet	1/28/2021 9:10:00 PM	1/31/2021 5:00:00 PM	2-Chloroethyl vinyl ether	n/a	<	0.19	µg/L	EPA 624.1	0.19	1	WKL	
MO-SIM	2020/21-2	Wet	1/28/2021 9:10:00 PM	1/31/2021 5:00:00 PM	Methyl tert-butyl ether (MTBE)	n/a	<	0.4	µg/L	EPA 624.1	0.4	1	WKL	
MO-SIM	2020/21-2	Wet	1/29/2021 9:15:00 AM	2/3/2021 3:18:00 AM	Chloride	n/a	=	21	mg/L	EPA 300.0	0.17	1	WKL	
MO-SIM	2020/21-2	Wet	1/29/2021 9:15:00 AM	2/3/2021 3:18:00 AM	Fluoride	n/a	DNQ	0.12	mg/L	EPA 300.0	0.018	0.2	WKL	
MO-SIM	2020/21-2	Wet	1/29/2021 9:15:00 AM	2/3/2021 8:19:00 AM	Perchlorate	n/a	<	0.84	µg/L	EPA 314.0	0.84	2	WKL	
MO-SIM	2020/21-2	Wet	1/29/2021 9:15:00 AM	2/6/2021 5:42:00 PM	Calcium	Total	=	44	mg/L	EPA 200.7	0.016	0.1	WKL	
MO-SIM	2020/21-2	Wet	1/29/2021 9:15:00 AM	2/6/2021 5:42:00 PM	Magnesium	Total	=	12	mg/L	EPA 200.7	0.012	0.1	WKL	
MO-SIM	2020/21-2	Wet	1/29/2021 9:15:00 AM	2/4/2021 12:30:00 PM	Alkalinity as CaCO3	n/a	=	70	mg/L	SM 2320 B	0.56	5	WKL	
MO-SIM	2020/21-2	Wet	1/29/2021 9:15:00 AM	2/4/2021 5:25:00 AM	BOD	n/a	=	6.8	mg/L	SM 5210 B	2	2	WKL	
MO-SIM	2020/21-2	Wet	1/29/2021 9:15:00 AM	2/9/2021 10:00:00 AM	COD	n/a	=	70	mg/L	EPA 410.4	2.9	5	WKL	
MO-SIM	2020/21-2	Wet	1/29/2021 9:15:00 AM	2/6/2021 5:42:00 PM	Hardness as CaCO3	Total	=	159	mg/L	EPA 200.7	0.0894	0.662	WKL	
MO-SIM	2020/21-2	Wet	1/29/2021 9:15:00 AM	1/30/2021 5:54:00 PM	MBAS	n/a	DNQ	0.045	mg/L	SM 5540 C	0.017	0.05	WKL	
MO-SIM	2020/21-2	Wet	1/29/2021 9:15:00 AM	2/5/2021 1:15:00 PM	Phenolics	n/a	=	0.14	mg/L	EPA 420.4	0.0032	0.01	WKL	
MO-SIM	2020/21-2	Wet	1/29/2021 9:15:00 AM	2/3/2021 1:37:00 PM	Specific Conductance	n/a	=	410	µmhos/cm	SM 2510 B	0.23	2	WKL	
MO-SIM	2020/21-2	Wet	1/29/2021 9:15:00 AM	2/5/2021 8:00:00 AM	Total Dissolved Solids	n/a	=	260	mg/L	SM 2540 C	4	10	WKL	
MO-SIM	2020/21-2	Wet	1/29/2021 9:15:00 AM	2/5/2021 12:35:00 PM	Total Organic Carbon	n/a	=	9.5	mg/L	SM 5310 B	0.096	0.3	WKL	
MO-SIM	2020/21-2	Wet	1/29/2021 9:15:00 AM	2/5/2021 8:00:00 AM	Total Suspended Solids	n/a	=	330	mg/L	SM 2540 D	-88	5	WKL	
MO-SIM	2020/21-2	Wet	1/29/2021 9:15:00 AM	1/29/2021 7:54:00 PM	Turbidity	n/a	=	55	NTU	EPA 180.1	0.085	0.5	WKL	
MO-SIM	2020/21-2	Wet	1/29/2021 9:15:00 AM	2/5/2021 8:00:00 AM	Volatile Suspended Solids	n/a	=	48	mg/L	EPA 160.4	3.1	5	WKL	
MO-SIM	2020/21-2	Wet	1/29/2021 9:15:00 AM	2/11/2021 11:39:00 PM	Diesel Range Organics	n/a	=	0.26	mg/L	EPA 8015B	0.064	0.2	WKL	
MO-SIM	2020/21-2	Wet	1/29/2021 9:15:00 AM	2/11/2021 11:39:00 PM	Oil Range Organics	n/a	<	0.66	mg/L	EPA 8015B	0.66	1	WKL	
MO-SIM	2020/21-2	Wet	1/29/2021 9:15:00 AM	2/9/2021 5:06:00 PM	Aluminum	Dissolved	DNQ	19	µg/L	EPA 200.8	4.4	20	WKL	
MO-SIM	2020/21-2	Wet	1/29/2021 9:15:00 AM	2/9/2021 5:09:00 PM	Aluminum	Total	=	6700	µg/L	EPA 200.8	4.4	20	WKL	
MO-SIM	2020/21-2	Wet	1/29/2021 9:15:00 AM	2/9/2021 5:06:00 PM	Antimony	Dissolved	DNQ	0.42	µg/L	EPA 200.8	0.089	0.5	WKL	
MO-SIM	2020/21-2	Wet	1/29/2021 9:15:00 AM	2/9/2021 5:09:00 PM	Antimony	Total	=	1.2	µg/L	EPA 200.8	0.089	0.5	WKL	
MO-SIM	2020/21-2	Wet	1/29/2021 9:15:00 AM	2/9/2021 5:06:00 PM	Arsenic	Dissolved	=	0.96	µg/L	EPA 200.8	0.074	0.4	WKL	
MO-SIM	2020/21-2	Wet	1/29/2021 9:15:00 AM	2/9/2021 5:09:00 PM	Arsenic	Total	=	3.6	µg/L	EPA 200.8	0.074	0.4	WKL	
MO-SIM	2020/21-2	Wet	1/29/2021 9:15:00 AM	2/9/2021 5:09:00 PM	Barium	Total	=	73	µg/L	EPA 200.8	0.14	1	WKL	
MO-SIM	2020/21-2	Wet	1/29/2021 9:15:00 AM	2/9/2021 5:06:00 PM	Beryllium	Dissolved	<	0.062	µg/L	EPA 200.8	0.062	0.1	WKL	
MO-SIM	2020/21-2	Wet	1/29/2021 9:15:00 AM	2/9/2021 5:09:00 PM	Beryllium	Total	=	0.26	µg/L	EPA 200.8	0.062	0.1	WKL	
MO-SIM	2020/21-2	Wet	1/29/2021 9:15:00 AM	2/9/2021 5:06:00 PM	Cadmium	Dissolved	<	0.042	µg/L	EPA 200.8	0.042	0.2	WKL	
MO-SIM	2020/21-2	Wet	1/29/2021 9:15:00 AM	2/9/2021 5:09:00 PM	Cadmium	Total	=	0.54	µg/L	EPA 200.8	0.042	0.2	WKL	
MO-SIM	2020/21-2	Wet	1/29/2021 9:15:00 AM	2/9/2021 5:06:00 PM	Chromium	Dissolved	=	0.61	µg/L	EPA 200.8	0.089	0.2	WKL	
MO-SIM	2020/21-2	Wet	1/29/2021 9:15:00 AM	2/9/2021 5:09:00 PM	Chromium	Total	=	12	µg/L	EPA 200.8	0.089	0.2	WKL	
MO-SIM	2020/21-2	Wet	1/29/2021 9:15:00 AM	2/3/2021 2:55:00 PM	Chromium VI	n/a	=	0.54	µg/L	EPA 218.6	0.0079	0.02	WKL	
MO-SIM	2020/21-2	Wet	1/29/2021 9:15:00 AM	2/9/2021 5:06:00 PM	Copper	Dissolved	=	3.6	µg/L	EPA 200.8	0.23	0.5	WKL	
MO-SIM	2020/21-2	Wet	1/29/2021 9:15:00 AM	2/9/2021 5:09:00 PM	Copper	Total	=	27	µg/L	EPA 200.8	0.23	0.5	WKL	
MO-SIM	2020/21-2	Wet	1/29/2021 9:15:00 AM	2/9/2021 5:06:00 PM	Iron	Dissolved	=	51	µg/L	EPA 200.8	3.9	20	WKL	
MO-SIM	2020/21-2	Wet	1/29/2021 9:15:00 AM	2/9/2021 5:09:00 PM	Iron	Total	=	9600	µg/L	EPA 200.8	3.9	20	WKL	
MO-SIM	2020/21-2	Wet	1/29/2021 9:15:00 AM	2/9/2021 5:06:00 PM	Lead	Dissolved	=	0.27	µg/L	EPA 200.8	0.083	0.2	WKL	
MO-SIM	2020/21-2	Wet	1/29/2021 9:15:00 AM	2/9/2021 5:09:00 PM	Lead	Total	=	21	µg/L	EPA 200.8	0.083	0.2	WKL	
MO-SIM	2020/21-2	Wet	1/29/2021 9:15:00 AM	2/7/2021 1:07:00 PM	Mercury	Dissolved	<	17	ng/L	EPA 245.1	17	50	WKL	
MO-SIM	2020/21-2	Wet	1/29/2021 9:15:00 AM	2/7/2021 1:09:00 PM	Mercury	Total	DNQ	31	ng/L	EPA 245.1	17	50	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-SIM	2020/21-2	Wet	1/29/2021 9:15:00 AM	2/9/2021 5:06:00 PM	Nickel	Dissolved	DNQ	1.2	µg/L	EPA 200.8	0.16	2	WKL	
MO-SIM	2020/21-2	Wet	1/29/2021 9:15:00 AM	2/9/2021 5:09:00 PM	Nickel	Total	=	11	µg/L	EPA 200.8	0.16	2	WKL	
MO-SIM	2020/21-2	Wet	1/29/2021 9:15:00 AM	2/9/2021 5:06:00 PM	Selenium	Dissolved	=	2	µg/L	EPA 200.8	0.067	0.4	WKL	
MO-SIM	2020/21-2	Wet	1/29/2021 9:15:00 AM	2/9/2021 5:09:00 PM	Selenium	Total	=	2.3	µg/L	EPA 200.8	0.067	0.4	WKL	
MO-SIM	2020/21-2	Wet	1/29/2021 9:15:00 AM	2/9/2021 5:06:00 PM	Silver	Dissolved	<	0.03	µg/L	EPA 200.8	0.03	0.2	WKL	
MO-SIM	2020/21-2	Wet	1/29/2021 9:15:00 AM	2/9/2021 5:09:00 PM	Silver	Total	DNQ	0.064	µg/L	EPA 200.8	0.03	0.2	WKL	
MO-SIM	2020/21-2	Wet	1/29/2021 9:15:00 AM	2/9/2021 5:06:00 PM	Thallium	Dissolved	<	0.021	µg/L	EPA 200.8	0.021	0.2	WKL	
MO-SIM	2020/21-2	Wet	1/29/2021 9:15:00 AM	2/9/2021 5:09:00 PM	Thallium	Total	DNQ	0.11	µg/L	EPA 200.8	0.021	0.2	WKL	
MO-SIM	2020/21-2	Wet	1/29/2021 9:15:00 AM	2/9/2021 5:06:00 PM	Zinc	Dissolved	DNQ	8.8	µg/L	EPA 200.8	0.8	10	WKL	
MO-SIM	2020/21-2	Wet	1/29/2021 9:15:00 AM	2/9/2021 5:09:00 PM	Zinc	Total	=	130	µg/L	EPA 200.8	0.8	10	WKL	
MO-SIM	2020/21-2	Wet	1/29/2021 9:15:00 AM	2/12/2021 1:39:00 PM	Ammonia as N	n/a	=	0.4	mg/L	EPA 350.1	0.047	0.1	WKL	
MO-SIM	2020/21-2	Wet	1/29/2021 9:15:00 AM	1/30/2021 4:07:00 PM	Nitrate + Nitrite as N	n/a	=	1.1	mg/L	EPA 353.2	0.036	0.2	WKL	
MO-SIM	2020/21-2	Wet	1/29/2021 9:15:00 AM	2/6/2021 5:39:00 PM	Phosphorus as P	Dissolved	=	0.15	mg/L	EPA 200.7	0.012	0.02	WKL	
MO-SIM	2020/21-2	Wet	1/29/2021 9:15:00 AM	2/6/2021 5:42:00 PM	Phosphorus as P	Total	=	0.67	mg/L	EPA 200.7	0.012	0.02	WKL	
MO-SIM	2020/21-2	Wet	1/29/2021 9:15:00 AM	2/4/2021 4:59:00 PM	TKN	n/a	=	1.9	mg/L	EPA 351.2	0.13	0.2	WKL	
MO-SIM	2020/21-2	Wet	1/29/2021 9:15:00 AM	2/9/2021 10:25:00 PM	1,2,4-Trichlorobenzene	n/a	<	4.9	µg/L	EPA 625.1	4.9	10	WKL	
MO-SIM	2020/21-2	Wet	1/29/2021 9:15:00 AM	2/9/2021 10:25:00 PM	1,2-Dichlorobenzene	n/a	<	4.6	µg/L	EPA 625.1	4.6	10	WKL	
MO-SIM	2020/21-2	Wet	1/29/2021 9:15:00 AM	2/9/2021 10:25:00 PM	1,2-Diphenylhydrazine	n/a	<	3	µg/L	EPA 625.1	3	10	WKL	
MO-SIM	2020/21-2	Wet	1/29/2021 9:15:00 AM	2/9/2021 10:25:00 PM	1,3-Dichlorobenzene	n/a	<	4.2	µg/L	EPA 625.1	4.2	10	WKL	
MO-SIM	2020/21-2	Wet	1/29/2021 9:15:00 AM	2/9/2021 10:25:00 PM	1,4-Dichlorobenzene	n/a	<	4.8	µg/L	EPA 625.1	4.8	10	WKL	
MO-SIM	2020/21-2	Wet	1/29/2021 9:15:00 AM	2/27/2021 3:13:00 PM	1-Methylnaphthalene	n/a	<	0.24	µg/L	EPA 8270C	0.24	1	WKL	
MO-SIM	2020/21-2	Wet	1/29/2021 9:15:00 AM	3/5/2021 5:56:00 AM	2,4,5-Trichlorophenol	n/a	<	2.9	µg/L	EPA 8270C	2.9	10	WKL	
MO-SIM	2020/21-2	Wet	1/29/2021 9:15:00 AM	3/5/2021 5:56:00 AM	2,4,6-Trichlorophenol	n/a	<	3	µg/L	EPA 8270C	3	10	WKL	
MO-SIM	2020/21-2	Wet	1/29/2021 9:15:00 AM	2/9/2021 10:25:00 PM	2,4,6-Trichlorophenol	n/a	<	2.2	µg/L	EPA 625.1	2.2	10	WKL	
MO-SIM	2020/21-2	Wet	1/29/2021 9:15:00 AM	2/9/2021 10:25:00 PM	2,4-Dichlorophenol	n/a	<	2.6	µg/L	EPA 625.1	2.6	10	WKL	
MO-SIM	2020/21-2	Wet	1/29/2021 9:15:00 AM	3/5/2021 5:56:00 AM	2,4-Dichlorophenol	n/a	<	5.1	µg/L	EPA 8270C	5.1	10	WKL	
MO-SIM	2020/21-2	Wet	1/29/2021 9:15:00 AM	3/5/2021 5:56:00 AM	2,4-Dimethylphenol	n/a	<	10	µg/L	EPA 8270C	10	20	WKL	
MO-SIM	2020/21-2	Wet	1/29/2021 9:15:00 AM	2/9/2021 10:25:00 PM	2,4-Dimethylphenol	n/a	<	3	µg/L	EPA 625.1	3	10	WKL	
MO-SIM	2020/21-2	Wet	1/29/2021 9:15:00 AM	3/5/2021 5:56:00 AM	2,4-Dinitrophenol	n/a	<	10	µg/L	EPA 8270C	10	20	WKL	
MO-SIM	2020/21-2	Wet	1/29/2021 9:15:00 AM	2/9/2021 10:25:00 PM	2,4-Dinitrophenol	n/a	<	19	µg/L	EPA 625.1	19	100	WKL	
MO-SIM	2020/21-2	Wet	1/29/2021 9:15:00 AM	2/9/2021 10:25:00 PM	2,4-Dinitrotoluene	n/a	<	1.8	µg/L	EPA 625.1	1.8	10	WKL	
MO-SIM	2020/21-2	Wet	1/29/2021 9:15:00 AM	2/9/2021 10:25:00 PM	2,6-Dinitrotoluene	n/a	<	2.7	µg/L	EPA 625.1	2.7	10	WKL	
MO-SIM	2020/21-2	Wet	1/29/2021 9:15:00 AM	2/9/2021 10:25:00 PM	2-Chloronaphthalene	n/a	<	4.5	µg/L	EPA 625.1	4.5	10	WKL	
MO-SIM	2020/21-2	Wet	1/29/2021 9:15:00 AM	3/5/2021 5:56:00 AM	2-Chlorophenol	n/a	<	6.5	µg/L	EPA 8270C	6.5	10	WKL	
MO-SIM	2020/21-2	Wet	1/29/2021 9:15:00 AM	2/9/2021 10:25:00 PM	2-Chlorophenol	n/a	<	2.8	µg/L	EPA 625.1	2.8	10	WKL	
MO-SIM	2020/21-2	Wet	1/29/2021 9:15:00 AM	2/27/2021 3:13:00 PM	2-Methylnaphthalene	n/a	<	0.26	µg/L	EPA 8270C	0.26	1	WKL	
MO-SIM	2020/21-2	Wet	1/29/2021 9:15:00 AM	3/5/2021 5:56:00 AM	2-Methylphenol	n/a	<	3.4	µg/L	EPA 8270C	3.4	10	WKL	
MO-SIM	2020/21-2	Wet	1/29/2021 9:15:00 AM	2/9/2021 10:25:00 PM	2-Nitrophenol	n/a	<	2.6	µg/L	EPA 625.1	2.6	10	WKL	
MO-SIM	2020/21-2	Wet	1/29/2021 9:15:00 AM	3/5/2021 5:56:00 AM	2-Nitrophenol	n/a	<	7.1	µg/L	EPA 8270C	7.1	10	WKL	
MO-SIM	2020/21-2	Wet	1/29/2021 9:15:00 AM	2/9/2021 10:25:00 PM	3,3'-Dichlorobenzidine	n/a	<	9.9	µg/L	EPA 625.1	9.9	50	WKL	
MO-SIM	2020/21-2	Wet	1/29/2021 9:15:00 AM	3/5/2021 5:56:00 AM	3-/4-Methylphenol	n/a	<	3	µg/L	EPA 8270C	3	10	WKL	
MO-SIM	2020/21-2	Wet	1/29/2021 9:15:00 AM	2/9/2021 10:25:00 PM	4,6-Dinitro-2-methylphenol	n/a	<	14	µg/L	EPA 625.1	14	50	WKL	
MO-SIM	2020/21-2	Wet	1/29/2021 9:15:00 AM	3/5/2021 5:56:00 AM	4,6-Dinitro-2-methylphenol	n/a	<	1.4	µg/L	EPA 8270C	1.4	10	WKL	
MO-SIM	2020/21-2	Wet	1/29/2021 9:15:00 AM	2/9/2021 10:25:00 PM	4-Bromophenyl phenyl ether	n/a	<	3.6	µg/L	EPA 625.1	3.6	10	WKL	
MO-SIM	2020/21-2	Wet	1/29/2021 9:15:00 AM	2/9/2021 10:25:00 PM	4-Chloro-3-methylphenol	n/a	<	2.3	µg/L	EPA 625.1	2.3	10	WKL	
MO-SIM	2020/21-2	Wet	1/29/2021 9:15:00 AM	3/5/2021 5:56:00 AM	4-Chloro-3-methylphenol	n/a	<	3.7	µg/L	EPA 8270C	3.7	10	WKL	
MO-SIM	2020/21-2	Wet	1/29/2021 9:15:00 AM	2/9/2021 10:25:00 PM	4-Chlorophenyl phenyl ether	n/a	<	4.1	µg/L	EPA 625.1	4.1	10	WKL	
MO-SIM	2020/21-2	Wet	1/29/2021 9:15:00 AM	3/5/2021 5:56:00 AM	4-Nitrophenol	n/a	<	10	µg/L	EPA 8270C	10	20	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-SIM	2020/21-2	Wet	1/29/2021 9:15:00 AM	2/9/2021 10:25:00 PM	4-Nitrophenol	n/a	<	12	µg/L	EPA 625.1	12	50	WKL	
MO-SIM	2020/21-2	Wet	1/29/2021 9:15:00 AM	2/9/2021 10:25:00 PM	Acenaphthene	n/a	<	3.8	µg/L	EPA 625.1	3.8	10	WKL	
MO-SIM	2020/21-2	Wet	1/29/2021 9:15:00 AM	2/27/2021 3:13:00 PM	Acenaphthene	n/a	<	0.28	µg/L	EPA 8270C	0.28	1	WKL	
MO-SIM	2020/21-2	Wet	1/29/2021 9:15:00 AM	2/9/2021 10:25:00 PM	Acenaphthylene	n/a	<	1.7	µg/L	EPA 625.1	1.7	10	WKL	
MO-SIM	2020/21-2	Wet	1/29/2021 9:15:00 AM	2/27/2021 3:13:00 PM	Acenaphthylene	n/a	<	0.33	µg/L	EPA 8270C	0.33	1	WKL	
MO-SIM	2020/21-2	Wet	1/29/2021 9:15:00 AM	2/9/2021 10:25:00 PM	Anthracene	n/a	<	1.2	µg/L	EPA 625.1	1.2	10	WKL	
MO-SIM	2020/21-2	Wet	1/29/2021 9:15:00 AM	2/27/2021 3:13:00 PM	Anthracene	n/a	<	0.25	µg/L	EPA 8270C	0.25	1	WKL	
MO-SIM	2020/21-2	Wet	1/29/2021 9:15:00 AM	2/9/2021 10:25:00 PM	Benzo(a)anthracene	n/a	<	1.9	µg/L	EPA 625.1	1.9	10	WKL	
MO-SIM	2020/21-2	Wet	1/29/2021 9:15:00 AM	2/27/2021 3:13:00 PM	Benzo(a)anthracene	n/a	<	0.51	µg/L	EPA 8270C	0.51	1	WKL	
MO-SIM	2020/21-2	Wet	1/29/2021 9:15:00 AM	2/9/2021 10:25:00 PM	Ben-zidine	n/a	<	14	µg/L	EPA 625.1	14	100	WKL	
MO-SIM	2020/21-2	Wet	1/29/2021 9:15:00 AM	2/27/2021 3:13:00 PM	Benzo(a)pyrene	n/a	<	0.51	µg/L	EPA 8270C	0.51	1	WKL	
MO-SIM	2020/21-2	Wet	1/29/2021 9:15:00 AM	2/9/2021 10:25:00 PM	Benzo(a)pyrene	n/a	<	3.9	µg/L	EPA 625.1	3.9	10	WKL	
MO-SIM	2020/21-2	Wet	1/29/2021 9:15:00 AM	2/12/2021 9:08:00 AM	Benzo(a)pyrene	n/a	<	0.2	µg/L	EPA 525.2	0.2	1	WKL	
MO-SIM	2020/21-2	Wet	1/29/2021 9:15:00 AM	2/9/2021 10:25:00 PM	Benzo(b)fluoranthene	n/a	<	4.6	µg/L	EPA 625.1	4.6	10	WKL	
MO-SIM	2020/21-2	Wet	1/29/2021 9:15:00 AM	2/27/2021 3:13:00 PM	Benzo(b)fluoranthene	n/a	<	0.27	µg/L	EPA 8270C	0.27	1	WKL	
MO-SIM	2020/21-2	Wet	1/29/2021 9:15:00 AM	2/27/2021 3:13:00 PM	Benzo(g,h,i)perylene	n/a	<	0.5	µg/L	EPA 8270C	0.5	1	WKL	
MO-SIM	2020/21-2	Wet	1/29/2021 9:15:00 AM	2/9/2021 10:25:00 PM	Benzo(g,h,i)perylene	n/a	<	4.2	µg/L	EPA 625.1	4.2	20	WKL	
MO-SIM	2020/21-2	Wet	1/29/2021 9:15:00 AM	2/27/2021 3:13:00 PM	Benzo(k)fluoranthene	n/a	<	0.26	µg/L	EPA 8270C	0.26	1	WKL	
MO-SIM	2020/21-2	Wet	1/29/2021 9:15:00 AM	2/9/2021 10:25:00 PM	Benzo(k)fluoranthene	n/a	<	2.2	µg/L	EPA 625.1	2.2	10	WKL	
MO-SIM	2020/21-2	Wet	1/29/2021 9:15:00 AM	2/9/2021 10:25:00 PM	Bis(2-chloroethoxy)methane	n/a	<	2.5	µg/L	EPA 625.1	2.5	10	WKL	
MO-SIM	2020/21-2	Wet	1/29/2021 9:15:00 AM	2/9/2021 10:25:00 PM	Bis(2-chloroethyl)ether	n/a	<	2.7	µg/L	EPA 625.1	2.7	10	WKL	
MO-SIM	2020/21-2	Wet	1/29/2021 9:15:00 AM	2/9/2021 10:25:00 PM	Bis(2-chloroisopropyl)ether	n/a	<	3.8	µg/L	EPA 625.1	3.8	10	WKL	
MO-SIM	2020/21-2	Wet	1/29/2021 9:15:00 AM	2/12/2021 9:08:00 AM	Bis(2-ethylhexyl)adipate	n/a	<	1.2	µg/L	EPA 525.2	1.2	50	WKL	
MO-SIM	2020/21-2	Wet	1/29/2021 9:15:00 AM	2/9/2021 10:25:00 PM	Bis(2-ethylhexyl)phthalate	n/a	<	23	µg/L	EPA 625.1	23	50	WKL	
MO-SIM	2020/21-2	Wet	1/29/2021 9:15:00 AM	2/12/2021 9:08:00 AM	Bis(2-ethylhexyl)phthalate	n/a	<	4.1	µg/L	EPA 525.2	4.1	30	WKL	
MO-SIM	2020/21-2	Wet	1/29/2021 9:15:00 AM	2/9/2021 10:25:00 PM	Butyl benzyl phthalate	n/a	<	1.8	µg/L	EPA 625.1	1.8	10	WKL	
MO-SIM	2020/21-2	Wet	1/29/2021 9:15:00 AM	2/27/2021 3:13:00 PM	Chrysene	n/a	<	0.32	µg/L	EPA 8270C	0.32	1	WKL	
MO-SIM	2020/21-2	Wet	1/29/2021 9:15:00 AM	2/9/2021 10:25:00 PM	Chrysene	n/a	<	1.9	µg/L	EPA 625.1	1.9	10	WKL	
MO-SIM	2020/21-2	Wet	1/29/2021 9:15:00 AM	2/9/2021 10:25:00 PM	Dibenz(a,h)anthracene	n/a	<	5.3	µg/L	EPA 625.1	5.3	20	WKL	
MO-SIM	2020/21-2	Wet	1/29/2021 9:15:00 AM	2/27/2021 3:13:00 PM	Dibenz(a,h)anthracene	n/a	<	0.96	µg/L	EPA 8270C	0.96	1	WKL	
MO-SIM	2020/21-2	Wet	1/29/2021 9:15:00 AM	2/9/2021 10:25:00 PM	Diethyl phthalate	n/a	<	1.5	µg/L	EPA 625.1	1.5	10	WKL	
MO-SIM	2020/21-2	Wet	1/29/2021 9:15:00 AM	2/9/2021 10:25:00 PM	Dimethyl phthalate	n/a	<	1.8	µg/L	EPA 625.1	1.8	10	WKL	
MO-SIM	2020/21-2	Wet	1/29/2021 9:15:00 AM	2/9/2021 10:25:00 PM	Di-n-butylphthalate	n/a	<	1	µg/L	EPA 625.1	1	10	WKL	
MO-SIM	2020/21-2	Wet	1/29/2021 9:15:00 AM	2/9/2021 10:25:00 PM	Di-n-octylphthalate	n/a	<	4.6	µg/L	EPA 625.1	4.6	10	WKL	
MO-SIM	2020/21-2	Wet	1/29/2021 9:15:00 AM	2/9/2021 10:25:00 PM	Fluoranthene	n/a	<	0.8	µg/L	EPA 625.1	0.8	10	WKL	
MO-SIM	2020/21-2	Wet	1/29/2021 9:15:00 AM	2/27/2021 3:13:00 PM	Fluoranthene	n/a	<	0.39	µg/L	EPA 8270C	0.39	1	WKL	
MO-SIM	2020/21-2	Wet	1/29/2021 9:15:00 AM	2/9/2021 10:25:00 PM	Fluorene	n/a	<	3.5	µg/L	EPA 625.1	3.5	10	WKL	
MO-SIM	2020/21-2	Wet	1/29/2021 9:15:00 AM	2/27/2021 3:13:00 PM	Fluorene	n/a	<	0.29	µg/L	EPA 8270C	0.29	1	WKL	
MO-SIM	2020/21-2	Wet	1/29/2021 9:15:00 AM	2/9/2021 10:25:00 PM	Hexachlorobenzene	n/a	<	4.9	µg/L	EPA 625.1	4.9	10	WKL	
MO-SIM	2020/21-2	Wet	1/29/2021 9:15:00 AM	2/9/2021 10:25:00 PM	Hexachlorobutadiene	n/a	<	4.7	µg/L	EPA 625.1	4.7	10	WKL	
MO-SIM	2020/21-2	Wet	1/29/2021 9:15:00 AM	2/9/2021 10:25:00 PM	Hexachlorocyclopentadiene	n/a	<	9.8	µg/L	EPA 625.1	9.8	50	WKL	
MO-SIM	2020/21-2	Wet	1/29/2021 9:15:00 AM	2/9/2021 10:25:00 PM	Hexachloroethane	n/a	<	5	µg/L	EPA 625.1	5	10	WKL	
MO-SIM	2020/21-2	Wet	1/29/2021 9:15:00 AM	2/27/2021 3:13:00 PM	Indeno(1,2,3-cd)pyrene	n/a	<	0.65	µg/L	EPA 8270C	0.65	1	WKL	
MO-SIM	2020/21-2	Wet	1/29/2021 9:15:00 AM	2/9/2021 10:25:00 PM	Indeno(1,2,3-cd)pyrene	n/a	<	5.5	µg/L	EPA 625.1	5.5	20	WKL	
MO-SIM	2020/21-2	Wet	1/29/2021 9:15:00 AM	2/9/2021 10:25:00 PM	Isophorone	n/a	<	2.1	µg/L	EPA 625.1	2.1	10	WKL	
MO-SIM	2020/21-2	Wet	1/29/2021 9:15:00 AM	2/27/2021 3:13:00 PM	Naphthalene	n/a	<	0.26	µg/L	EPA 8270C	0.26	1	WKL	
MO-SIM	2020/21-2	Wet	1/29/2021 9:15:00 AM	2/9/2021 10:25:00 PM	Naphthalene	n/a	<	4.9	µg/L	EPA 625.1	4.9	10	WKL	
MO-SIM	2020/21-2	Wet	1/29/2021 9:15:00 AM	2/9/2021 10:25:00 PM	Nitrobenzene	n/a	<	3.6	µg/L	EPA 625.1	3.6	10	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-SIM	2020/21-2	Wet	1/29/2021 9:15:00 AM	2/9/2021 10:25:00 PM	N-Nitrosodimethylamine	n/a	<	5	µg/L	EPA 625.1	5	10	WKL	
MO-SIM	2020/21-2	Wet	1/29/2021 9:15:00 AM	2/9/2021 10:25:00 PM	N-Nitrosodi-N-propylamine	n/a	<	2.6	µg/L	EPA 625.1	2.6	10	WKL	
MO-SIM	2020/21-2	Wet	1/29/2021 9:15:00 AM	2/9/2021 10:25:00 PM	N-Nitrosodiphenylamine	n/a	<	1.9	µg/L	EPA 625.1	1.9	10	WKL	
MO-SIM	2020/21-2	Wet	1/29/2021 9:15:00 AM	2/9/2021 10:25:00 PM	Phenanthrene	n/a	<	3.2	µg/L	EPA 625.1	3.2	10	WKL	
MO-SIM	2020/21-2	Wet	1/29/2021 9:15:00 AM	2/27/2021 3:13:00 PM	Phenanthrene	n/a	<	0.29	µg/L	EPA 8270C	0.29	1	WKL	
MO-SIM	2020/21-2	Wet	1/29/2021 9:15:00 AM	3/5/2021 5:56:00 AM	Phenol	n/a	<	3.5	µg/L	EPA 8270C	3.5	10	WKL	
MO-SIM	2020/21-2	Wet	1/29/2021 9:15:00 AM	2/9/2021 10:25:00 PM	Phenol	n/a	<	1.6	µg/L	EPA 625.1	1.6	10	WKL	
MO-SIM	2020/21-2	Wet	1/29/2021 9:15:00 AM	2/9/2021 10:25:00 PM	Pyrene	n/a	<	2.5	µg/L	EPA 625.1	2.5	10	WKL	
MO-SIM	2020/21-2	Wet	1/29/2021 9:15:00 AM	2/27/2021 3:13:00 PM	Pyrene	n/a	<	0.4	µg/L	EPA 8270C	0.4	1	WKL	
MO-SIM	2020/21-2	Wet	1/29/2021 9:15:00 AM	2/16/2021 10:57:00 PM	PCB Aroclor 1016	n/a	<	4	µg/L	EPA 608.3	4	10	WKL	
MO-SIM	2020/21-2	Wet	1/29/2021 9:15:00 AM	2/16/2021 10:57:00 PM	PCB Aroclor 1221	n/a	<	4	µg/L	EPA 608.3	4	10	WKL	
MO-SIM	2020/21-2	Wet	1/29/2021 9:15:00 AM	2/16/2021 10:57:00 PM	PCB Aroclor 1232	n/a	<	4	µg/L	EPA 608.3	4	10	WKL	
MO-SIM	2020/21-2	Wet	1/29/2021 9:15:00 AM	2/16/2021 10:57:00 PM	PCB Aroclor 1242	n/a	<	4	µg/L	EPA 608.3	4	10	WKL	
MO-SIM	2020/21-2	Wet	1/29/2021 9:15:00 AM	2/16/2021 10:57:00 PM	PCB Aroclor 1248	n/a	<	4	µg/L	EPA 608.3	4	10	WKL	
MO-SIM	2020/21-2	Wet	1/29/2021 9:15:00 AM	2/16/2021 10:57:00 PM	PCB Aroclor 1254	n/a	<	4	µg/L	EPA 608.3	4	10	WKL	
MO-SIM	2020/21-2	Wet	1/29/2021 9:15:00 AM	2/16/2021 10:57:00 PM	PCB Aroclor 1260	n/a	<	4	µg/L	EPA 608.3	4	10	WKL	
MO-SIM	2020/21-2	Wet	1/29/2021 9:15:00 AM	2/13/2021 5:18:00 AM	2,4,5-T	n/a	<	0.55	µg/L	EPA 515.4	0.55	2	WKL	
MO-SIM	2020/21-2	Wet	1/29/2021 9:15:00 AM	2/13/2021 5:18:00 AM	2,4,5-TP	n/a	<	0.46	µg/L	EPA 515.4	0.46	2	WKL	
MO-SIM	2020/21-2	Wet	1/29/2021 9:15:00 AM	2/13/2021 5:18:00 AM	2,4-D	n/a	<	1.4	µg/L	EPA 515.4	1.4	4	WKL	
MO-SIM	2020/21-2	Wet	1/29/2021 9:15:00 AM	2/13/2021 5:18:00 AM	2,4-DB	n/a	<	1.9	µg/L	EPA 515.4	1.9	20	WKL	
MO-SIM	2020/21-2	Wet	1/29/2021 9:15:00 AM	2/13/2021 5:18:00 AM	3,5-Dichlorobenzoic acid	n/a	<	1.2	µg/L	EPA 515.4	1.2	10	WKL	
MO-SIM	2020/21-2	Wet	1/29/2021 9:15:00 AM	2/16/2021 10:57:00 PM	4,4'-DDD	n/a	<	0.014	µg/L	EPA 608.3	0.014	1	WKL	
MO-SIM	2020/21-2	Wet	1/29/2021 9:15:00 AM	2/16/2021 10:57:00 PM	4,4'-DDE	n/a	<	1	µg/L	EPA 608.3	1	1	WKL	
MO-SIM	2020/21-2	Wet	1/29/2021 9:15:00 AM	2/16/2021 10:57:00 PM	4,4'-DDT	n/a	<	0.022	µg/L	EPA 608.3	0.022	0.2	WKL	
MO-SIM	2020/21-2	Wet	1/29/2021 9:15:00 AM	2/13/2021 5:18:00 AM	Acifluorfen	n/a	<	0.72	µg/L	EPA 515.4	0.72	4	WKL	
MO-SIM	2020/21-2	Wet	1/29/2021 9:15:00 AM	2/12/2021 9:08:00 AM	Alachlor	n/a	<	0.3	µg/L	EPA 525.2	0.3	1	WKL	
MO-SIM	2020/21-2	Wet	1/29/2021 9:15:00 AM	2/16/2021 10:57:00 PM	Aldrin	n/a	<	0.02	µg/L	EPA 608.3	0.02	0.1	WKL	
MO-SIM	2020/21-2	Wet	1/29/2021 9:15:00 AM	2/16/2021 10:57:00 PM	alpha-BHC	n/a	<	0.022	µg/L	EPA 608.3	0.022	0.2	WKL	
MO-SIM	2020/21-2	Wet	1/29/2021 9:15:00 AM	2/16/2021 10:57:00 PM	alpha-Chlordane	n/a	<	0.058	µg/L	EPA 608.3	0.058	0.2	WKL	
MO-SIM	2020/21-2	Wet	1/29/2021 9:15:00 AM	2/12/2021 9:08:00 AM	Atrazine	n/a	<	0.3	µg/L	EPA 525.2	0.3	1	WKL	
MO-SIM	2020/21-2	Wet	1/29/2021 9:15:00 AM	2/3/2021 9:15:00 PM	Azinphos methyl	n/a	<	0.028	µg/L	EPA 625.1m	0.028	0.05	WKL	
MO-SIM	2020/21-2	Wet	1/29/2021 9:15:00 AM	2/13/2021 5:18:00 AM	Bentazon	n/a	<	2.3	µg/L	EPA 515.4	2.3	20	WKL	
MO-SIM	2020/21-2	Wet	1/29/2021 9:15:00 AM	2/16/2021 10:57:00 PM	beta-BHC	n/a	<	0.1	µg/L	EPA 608.3	0.1	0.1	WKL	
MO-SIM	2020/21-2	Wet	1/29/2021 9:15:00 AM	2/3/2021 9:15:00 PM	Bolstar	n/a	<	0.023	µg/L	EPA 625.1m	0.023	0.05	WKL	
MO-SIM	2020/21-2	Wet	1/29/2021 9:15:00 AM	2/12/2021 9:08:00 AM	Bromacil	n/a	<	1.6	µg/L	EPA 525.2	1.6	5	WKL	
MO-SIM	2020/21-2	Wet	1/29/2021 9:15:00 AM	2/12/2021 9:08:00 AM	Butachlor	n/a	<	0.3	µg/L	EPA 525.2	0.3	1	WKL	
MO-SIM	2020/21-2	Wet	1/29/2021 9:15:00 AM	2/12/2021 9:08:00 AM	Captan	n/a	<	1.6	µg/L	EPA 525.2	1.6	10	WKL	
MO-SIM	2020/21-2	Wet	1/29/2021 9:15:00 AM	2/16/2021 10:57:00 PM	Chlordane (technical)	n/a	<	2	µg/L	EPA 608.3	2	2	WKL	
MO-SIM	2020/21-2	Wet	1/29/2021 9:15:00 AM	2/12/2021 9:08:00 AM	Chlorpropham	n/a	<	0.4	µg/L	EPA 525.2	0.4	1	WKL	
MO-SIM	2020/21-2	Wet	1/29/2021 9:15:00 AM	2/3/2021 9:15:00 PM	Chlorpyrifos	n/a	<	0.034	µg/L	EPA 625.1m	0.034	0.05	WKL	
MO-SIM	2020/21-2	Wet	1/29/2021 9:15:00 AM	2/3/2021 9:15:00 PM	Coumaphos	n/a	<	0.026	µg/L	EPA 625.1m	0.026	0.05	WKL	
MO-SIM	2020/21-2	Wet	1/29/2021 9:15:00 AM	2/12/2021 9:08:00 AM	Cyanazine	n/a	<	0.4	µg/L	EPA 525.2	0.4	1	WKL	
MO-SIM	2020/21-2	Wet	1/29/2021 9:15:00 AM	2/13/2021 5:18:00 AM	Dalapon	n/a	<	1.1	µg/L	EPA 515.4	1.1	4	WKL	
MO-SIM	2020/21-2	Wet	1/29/2021 9:15:00 AM	2/13/2021 5:18:00 AM	DCPA (Dacthal)	n/a	<	0.53	µg/L	EPA 515.4	0.53	1	WKL	
MO-SIM	2020/21-2	Wet	1/29/2021 9:15:00 AM	2/16/2021 10:57:00 PM	delta-BHC	n/a	<	0.038	µg/L	EPA 608.3	0.038	0.1	WKL	
MO-SIM	2020/21-2	Wet	1/29/2021 9:15:00 AM	2/3/2021 9:15:00 PM	Demeton-O	n/a	<	0.05	µg/L	EPA 625.1m	0.05	0.05	WKL	
MO-SIM	2020/21-2	Wet	1/29/2021 9:15:00 AM	2/3/2021 9:15:00 PM	Demeton-S	n/a	<	0.05	µg/L	EPA 625.1m	0.05	0.05	WKL	
MO-SIM	2020/21-2	Wet	1/29/2021 9:15:00 AM	2/12/2021 9:08:00 AM	Diazinon	n/a	<	0.5	µg/L	EPA 525.2	0.5	1	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-SIM	2020/21-2	Wet	1/29/2021 9:15:00 AM	2/3/2021 9:15:00 PM	Diazinon	n/a	<	0.026	µg/L	EPA 625.1m	0.026	0.05	WKL	
MO-SIM	2020/21-2	Wet	1/29/2021 9:15:00 AM	2/13/2021 5:18:00 AM	Dicamba	n/a	<	0.75	µg/L	EPA 515.4	0.75	6	WKL	
MO-SIM	2020/21-2	Wet	1/29/2021 9:15:00 AM	2/13/2021 5:18:00 AM	Dichlorprop	n/a	<	1.2	µg/L	EPA 515.4	1.2	3	WKL	
MO-SIM	2020/21-2	Wet	1/29/2021 9:15:00 AM	2/3/2021 9:15:00 PM	Dichlorvos	n/a	<	0.014	µg/L	EPA 625.1m	0.014	0.05	WKL	
MO-SIM	2020/21-2	Wet	1/29/2021 9:15:00 AM	2/16/2021 10:57:00 PM	Dieldrin	n/a	<	0.016	µg/L	EPA 608.3	0.016	0.2	WKL	
MO-SIM	2020/21-2	Wet	1/29/2021 9:15:00 AM	2/3/2021 9:15:00 PM	Dimethoate	n/a	<	0.031	µg/L	EPA 625.1m	0.031	0.05	WKL	
MO-SIM	2020/21-2	Wet	1/29/2021 9:15:00 AM	2/12/2021 9:08:00 AM	Dimethoate	n/a	<	0.2	µg/L	EPA 525.2	0.2	2	WKL	
MO-SIM	2020/21-2	Wet	1/29/2021 9:15:00 AM	2/13/2021 5:18:00 AM	Dinoseb	n/a	<	0.55	µg/L	EPA 515.4	0.55	4	WKL	
MO-SIM	2020/21-2	Wet	1/29/2021 9:15:00 AM	2/12/2021 9:08:00 AM	Diphenamid	n/a	<	0.3	µg/L	EPA 525.2	0.3	1	WKL	
MO-SIM	2020/21-2	Wet	1/29/2021 9:15:00 AM	2/12/2021 9:08:00 AM	Disulfoton	n/a	<	0.4	µg/L	EPA 525.2	0.4	1	WKL	
MO-SIM	2020/21-2	Wet	1/29/2021 9:15:00 AM	2/3/2021 9:15:00 PM	Disulfoton	n/a	<	0.05	µg/L	EPA 625.1m	0.05	0.05	WKL	
MO-SIM	2020/21-2	Wet	1/29/2021 9:15:00 AM	2/16/2021 10:57:00 PM	Endosulfan I	n/a	<	0.018	µg/L	EPA 608.3	0.018	0.4	WKL	
MO-SIM	2020/21-2	Wet	1/29/2021 9:15:00 AM	2/16/2021 10:57:00 PM	Endosulfan II	n/a	<	0.014	µg/L	EPA 608.3	0.014	0.2	WKL	
MO-SIM	2020/21-2	Wet	1/29/2021 9:15:00 AM	2/16/2021 10:57:00 PM	Endosulfan sulfate	n/a	<	0.026	µg/L	EPA 608.3	0.026	1	WKL	
MO-SIM	2020/21-2	Wet	1/29/2021 9:15:00 AM	2/16/2021 10:57:00 PM	Endrin	n/a	<	0.034	µg/L	EPA 608.3	0.034	0.2	WKL	
MO-SIM	2020/21-2	Wet	1/29/2021 9:15:00 AM	2/16/2021 10:57:00 PM	Endrin aldehyde	n/a	<	0.038	µg/L	EPA 608.3	0.038	0.2	WKL	
MO-SIM	2020/21-2	Wet	1/29/2021 9:15:00 AM	2/12/2021 9:08:00 AM	EPTC	n/a	<	0.2	µg/L	EPA 525.2	0.2	1	WKL	
MO-SIM	2020/21-2	Wet	1/29/2021 9:15:00 AM	2/3/2021 9:15:00 PM	Ethoprop	n/a	<	0.034	µg/L	EPA 625.1m	0.034	0.05	WKL	
MO-SIM	2020/21-2	Wet	1/29/2021 9:15:00 AM	2/3/2021 9:15:00 PM	Ethyl parathion	n/a	<	0.027	µg/L	EPA 625.1m	0.027	0.05	WKL	
MO-SIM	2020/21-2	Wet	1/29/2021 9:15:00 AM	2/3/2021 9:15:00 PM	Fensulfothion	n/a	<	0.014	µg/L	EPA 625.1m	0.014	0.05	WKL	
MO-SIM	2020/21-2	Wet	1/29/2021 9:15:00 AM	2/3/2021 9:15:00 PM	Fenthion	n/a	<	0.019	µg/L	EPA 625.1m	0.019	0.05	WKL	
MO-SIM	2020/21-2	Wet	1/29/2021 9:15:00 AM	2/16/2021 10:57:00 PM	gamma-BHC (Lindane)	n/a	<	0.4	µg/L	EPA 608.3	0.4	0.4	WKL	
MO-SIM	2020/21-2	Wet	1/29/2021 9:15:00 AM	2/16/2021 10:57:00 PM	gamma-Chlordane	n/a	<	0.046	µg/L	EPA 608.3	0.046	0.2	WKL	
MO-SIM	2020/21-2	Wet	1/29/2021 9:15:00 AM	2/3/2021 5:39:00 PM	Glyphosate	n/a	=	27	µg/L	EPA 547	1.8	5	WKL	
MO-SIM	2020/21-2	Wet	1/29/2021 9:15:00 AM	2/16/2021 10:57:00 PM	Heptachlor	n/a	<	0.012	µg/L	EPA 608.3	0.012	0.2	WKL	
MO-SIM	2020/21-2	Wet	1/29/2021 9:15:00 AM	2/16/2021 10:57:00 PM	Heptachlor epoxide	n/a	<	0.008	µg/L	EPA 608.3	0.008	0.2	WKL	
MO-SIM	2020/21-2	Wet	1/29/2021 9:15:00 AM	2/3/2021 9:15:00 PM	Malathion	n/a	<	0.038	µg/L	EPA 625.1m	0.038	0.05	WKL	
MO-SIM	2020/21-2	Wet	1/29/2021 9:15:00 AM	2/3/2021 9:15:00 PM	Merphos	n/a	<	0.029	µg/L	EPA 625.1m	0.029	0.05	WKL	
MO-SIM	2020/21-2	Wet	1/29/2021 9:15:00 AM	2/16/2021 10:57:00 PM	Methoxychlor	n/a	<	0.028	µg/L	EPA 608.3	0.028	0.4	WKL	
MO-SIM	2020/21-2	Wet	1/29/2021 9:15:00 AM	2/3/2021 9:15:00 AM	Methyl parathion	n/a	<	0.032	µg/L	EPA 625.1m	0.032	0.05	WKL	
MO-SIM	2020/21-2	Wet	1/29/2021 9:15:00 AM	2/12/2021 9:08:00 AM	Metolachlor	n/a	<	0.3	µg/L	EPA 525.2	0.3	1	WKL	
MO-SIM	2020/21-2	Wet	1/29/2021 9:15:00 AM	2/12/2021 9:08:00 AM	Metribuzin	n/a	<	0.3	µg/L	EPA 525.2	0.3	1	WKL	
MO-SIM	2020/21-2	Wet	1/29/2021 9:15:00 AM	2/3/2021 9:15:00 PM	Mevinphos	n/a	<	0.021	µg/L	EPA 625.1m	0.021	0.05	WKL	
MO-SIM	2020/21-2	Wet	1/29/2021 9:15:00 AM	2/12/2021 9:08:00 AM	Molinate	n/a	<	0.3	µg/L	EPA 525.2	0.3	1	WKL	
MO-SIM	2020/21-2	Wet	1/29/2021 9:15:00 AM	2/3/2021 9:15:00 PM	Naled	n/a	<	0.038	µg/L	EPA 625.1m	0.038	0.05	WKL	
MO-SIM	2020/21-2	Wet	1/29/2021 9:15:00 AM	3/5/2021 5:56:00 AM	Pentachlorophenol	n/a	<	1.5	µg/L	EPA 8270C	1.5	10	WKL	
MO-SIM	2020/21-2	Wet	1/29/2021 9:15:00 AM	2/13/2021 5:18:00 AM	Pentachlorophenol	n/a	<	0.46	µg/L	EPA 515.4	0.46	2	WKL	
MO-SIM	2020/21-2	Wet	1/29/2021 9:15:00 AM	2/9/2021 10:25:00 AM	Pentachlorophenol	n/a	<	4	µg/L	EPA 625.1	4	10	WKL	
MO-SIM	2020/21-2	Wet	1/29/2021 9:15:00 AM	2/3/2021 9:15:00 PM	Phorate	n/a	<	0.015	µg/L	EPA 625.1m	0.015	0.05	WKL	
MO-SIM	2020/21-2	Wet	1/29/2021 9:15:00 AM	2/13/2021 5:18:00 AM	Picloram	n/a	<	0.38	µg/L	EPA 515.4	0.38	6	WKL	
MO-SIM	2020/21-2	Wet	1/29/2021 9:15:00 AM	2/12/2021 9:08:00 AM	Prometon	n/a	<	0.1	µg/L	EPA 525.2	0.1	1	WKL	
MO-SIM	2020/21-2	Wet	1/29/2021 9:15:00 AM	2/12/2021 9:08:00 AM	Prometryn	n/a	<	0.3	µg/L	EPA 525.2	0.3	1	WKL	
MO-SIM	2020/21-2	Wet	1/29/2021 9:15:00 AM	2/3/2021 9:15:00 PM	Ronnel (Fenclorophos)	n/a	<	0.02	µg/L	EPA 625.1m	0.02	0.05	WKL	
MO-SIM	2020/21-2	Wet	1/29/2021 9:15:00 AM	2/12/2021 9:08:00 AM	Simazine	n/a	<	0.2	µg/L	EPA 525.2	0.2	1	WKL	
MO-SIM	2020/21-2	Wet	1/29/2021 9:15:00 AM	2/3/2021 9:15:00 PM	Stirophos (Tetrachlorvinphos)	n/a	<	0.016	µg/L	EPA 625.1m	0.016	0.05	WKL	
MO-SIM	2020/21-2	Wet	1/29/2021 9:15:00 AM	2/12/2021 9:08:00 AM	Terbacil	n/a	<	0.9	µg/L	EPA 525.2	0.9	20	WKL	
MO-SIM	2020/21-2	Wet	1/29/2021 9:15:00 AM	2/12/2021 9:08:00 AM	Thiobencarb	n/a	<	0.3	µg/L	EPA 525.2	0.3	1	WKL	
MO-SIM	2020/21-2	Wet	1/29/2021 9:15:00 AM	2/3/2021 9:15:00 PM	Tokuthion	n/a	<	0.039	µg/L	EPA 625.1m	0.039	0.05	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-SIM	2020/21-2	Wet	1/29/2021 9:15:00 AM	2/16/2021 10:57:00 PM	Toxaphene	n/a	<	20	µg/L	EPA 608.3	20	20	WKL	
MO-SIM	2020/21-2	Wet	1/29/2021 9:15:00 AM	2/3/2021 9:15:00 PM	Trichloronate	n/a	<	0.034	µg/L	EPA 625.1m	0.034	0.05	WKL	
MO-SIM	2020/21-2	Wet	1/29/2021 9:15:00 AM	2/12/2021 9:08:00 AM	Trithion	n/a	<	0.2	µg/L	EPA 525.2	0.2	1	WKL	
MO-SIM	2020/21-3	Wet	3/10/2021 1:40:00 AM	3/10/2021 1:40:00 AM	Conductivity	n/a	=	1432	µmhos/cm	Field Meter	-88	1	Field Crew	
MO-SIM	2020/21-3	Wet	3/10/2021 1:40:00 AM	3/15/2021 4:43:00 PM	Cyanide	Total	DNQ	0.0005	mg/L	ASTM D7511	0.0003	0.002	WKL	
MO-SIM	2020/21-3	Wet	3/10/2021 1:40:00 AM	3/10/2021 1:40:00 AM	DO	n/a	=	96.4	%	Field Meter	-88	0.1	Field Crew	
MO-SIM	2020/21-3	Wet	3/10/2021 1:40:00 AM	3/10/2021 1:40:00 AM	DO	n/a	=	9.85	mg/L	Field Meter	-88	0.3	Field Crew	
MO-SIM	2020/21-3	Wet	3/10/2021 1:40:00 AM	3/10/2021 1:40:00 AM	pH	n/a	=	7.59	pH Units	Field Meter	-88	0.01	Field Crew	
MO-SIM	2020/21-3	Wet	3/10/2021 1:40:00 AM	3/10/2021 1:40:00 AM	Salinity	n/a	=	900	mg/L	Field Meter	-88	100	Field Crew	
MO-SIM	2020/21-3	Wet	3/10/2021 1:40:00 AM	3/10/2021 1:40:00 AM	Specific Conductance	n/a	=	1882	µmhos/cm	Field Meter	-88	1	Field Crew	
MO-SIM	2020/21-3	Wet	3/10/2021 1:40:00 AM	3/10/2021 1:40:00 AM	Temperature	n/a	=	14.6	°C	Field Meter	-88	0.1	Field Crew	
MO-SIM	2020/21-3	Wet	3/10/2021 1:40:00 AM	3/26/2021 12:04:00 PM	Oil and Grease	n/a	DNQ	1	mg/L	EPA 1664B	0.7	5	WKL	
MO-SIM	2020/21-3	Wet	3/10/2021 4:48:00 AM	3/13/2021 1:27:00 AM	Chloride	n/a	=	100	mg/L	EPA 300.0	0.17	1	WKL	
MO-SIM	2020/21-3	Wet	3/10/2021 4:48:00 AM	3/13/2021 1:27:00 AM	Fluoride	n/a	=	0.34	mg/L	EPA 300.0	0.018	0.2	WKL	
MO-SIM	2020/21-3	Wet	3/10/2021 4:48:00 AM	3/20/2021 3:02:00 AM	Perchlorate	n/a	<	1.7	µg/L	EPA 314.0	1.7	4	WKL	
MO-SIM	2020/21-3	Wet	3/10/2021 4:48:00 AM	3/19/2021 7:18:00 PM	Calcium	Total	=	147	mg/L	EPA 200.7	0.16	0.5	WKL	
MO-SIM	2020/21-3	Wet	3/10/2021 4:48:00 AM	3/19/2021 7:18:00 PM	Magnesium	Total	=	51.6	mg/L	EPA 200.7	0.039	0.5	WKL	
MO-SIM	2020/21-3	Wet	3/10/2021 4:48:00 AM	3/11/2021 1:14:00 PM	Alkalinity as CaCO3	n/a	=	150	mg/L	SM 2320 B	0.56	5	WKL	
MO-SIM	2020/21-3	Wet	3/10/2021 4:48:00 AM	3/16/2021 3:56:00 PM	BOD	n/a	=	24	mg/L	SM 5210 B	2	2	WKL	
MO-SIM	2020/21-3	Wet	3/10/2021 4:48:00 AM	3/18/2021 11:58:00 AM	COD	n/a	=	90	mg/L	EPA 410.4	2.9	5	WKL	
MO-SIM	2020/21-3	Wet	3/10/2021 4:48:00 AM	3/19/2021 7:18:00 PM	Hardness as CaCO3	Total	=	579	mg/L	EPA 200.7	0.56	3.31	WKL	
MO-SIM	2020/21-3	Wet	3/10/2021 4:48:00 AM	3/11/2021 8:36:00 PM	MBAS	n/a	=	0.31	mg/L	SM 5540 C	0.017	0.05	WKL	
MO-SIM	2020/21-3	Wet	3/10/2021 4:48:00 AM	3/23/2021 1:45:00 PM	Phenolics	n/a	=	0.013	mg/L	EPA 420.4	0.0032	0.01	WKL	
MO-SIM	2020/21-3	Wet	3/10/2021 4:48:00 AM	3/15/2021 1:55:00 PM	Specific Conductance	n/a	=	1700	µmhos/cm	SM 2510 B	0.47	4	WKL	
MO-SIM	2020/21-3	Wet	3/10/2021 4:48:00 AM	3/15/2021 6:00:00 PM	Total Dissolved Solids	n/a	=	1200	mg/L	SM 2540 C	4	10	WKL	
MO-SIM	2020/21-3	Wet	3/10/2021 4:48:00 AM	4/5/2021	Total Organic Carbon	n/a	=	29	mg/L	SM 5310 B	1	1	WKL	
MO-SIM	2020/21-3	Wet	3/10/2021 4:48:00 AM	3/12/2021 4:29:00 PM	Total Suspended Solids	n/a	=	180	mg/L	SM 2540 D	-88	5	WKL	
MO-SIM	2020/21-3	Wet	3/10/2021 4:48:00 AM	3/11/2021 5:12:00 PM	Turbidity	n/a	=	6.7	NTU	EPA 180.1	0.017	0.1	WKL	
MO-SIM	2020/21-3	Wet	3/10/2021 4:48:00 AM	3/12/2021 4:29:00 PM	Volatile Suspended Solids	n/a	=	45	mg/L	EPA 160.4	3.1	5	WKL	
MO-SIM	2020/21-3	Wet	3/10/2021 4:48:00 AM	3/26/2021 1:18:00 AM	Diesel Range Organics	n/a	=	1.1	mg/L	EPA 8015B	0.032	0.1	WKL	
MO-SIM	2020/21-3	Wet	3/10/2021 4:48:00 AM	3/26/2021 1:18:00 AM	Oil Range Organics	n/a	DNQ	0.38	mg/L	EPA 8015B	0.33	0.5	WKL	
MO-SIM	2020/21-3	Wet	3/10/2021 4:48:00 AM	3/17/2021 4:55:00 PM	Aluminum	Dissolved	DNQ	8.2	µg/L	EPA 200.8	4.4	20	WKL	
MO-SIM	2020/21-3	Wet	3/10/2021 4:48:00 AM	3/17/2021 4:58:00 PM	Aluminum	Total	=	250	µg/L	EPA 200.8	4.4	20	WKL	
MO-SIM	2020/21-3	Wet	3/10/2021 4:48:00 AM	3/17/2021 4:55:00 PM	Antimony	Dissolved	=	1.2	µg/L	EPA 200.8	0.089	0.5	WKL	
MO-SIM	2020/21-3	Wet	3/10/2021 4:48:00 AM	3/17/2021 4:58:00 PM	Antimony	Total	=	1.6	µg/L	EPA 200.8	0.089	0.5	WKL	
MO-SIM	2020/21-3	Wet	3/10/2021 4:48:00 AM	3/17/2021 4:55:00 PM	Arsenic	Dissolved	=	1.4	µg/L	EPA 200.8	0.074	0.4	WKL	
MO-SIM	2020/21-3	Wet	3/10/2021 4:48:00 AM	3/17/2021 4:58:00 PM	Arsenic	Total	=	2.5	µg/L	EPA 200.8	0.074	0.4	WKL	
MO-SIM	2020/21-3	Wet	3/10/2021 4:48:00 AM	3/17/2021 4:58:00 PM	Barium	Total	=	21	µg/L	EPA 200.8	0.14	1	WKL	
MO-SIM	2020/21-3	Wet	3/10/2021 4:48:00 AM	3/17/2021 4:55:00 PM	Beryllium	Dissolved	<	0.062	µg/L	EPA 200.8	0.062	0.1	WKL	
MO-SIM	2020/21-3	Wet	3/10/2021 4:48:00 AM	3/17/2021 4:58:00 PM	Beryllium	Total	<	0.062	µg/L	EPA 200.8	0.062	0.1	WKL	
MO-SIM	2020/21-3	Wet	3/10/2021 4:48:00 AM	3/17/2021 4:55:00 PM	Cadmium	Dissolved	DNQ	0.067	µg/L	EPA 200.8	0.042	0.2	WKL	
MO-SIM	2020/21-3	Wet	3/10/2021 4:48:00 AM	3/17/2021 4:58:00 PM	Cadmium	Total	DNQ	0.13	µg/L	EPA 200.8	0.042	0.2	WKL	
MO-SIM	2020/21-3	Wet	3/10/2021 4:48:00 AM	3/17/2021 4:55:00 PM	Chromium	Dissolved	=	1.5	µg/L	EPA 200.8	0.089	0.2	WKL	
MO-SIM	2020/21-3	Wet	3/10/2021 4:48:00 AM	3/17/2021 4:58:00 PM	Chromium	Total	=	3.3	µg/L	EPA 200.8	0.089	0.2	WKL	
MO-SIM	2020/21-3	Wet	3/10/2021 4:48:00 AM	3/22/2021 3:25:00 PM	Chromium VI	n/a	=	1.2	µg/L	EPA 218.6	0.0079	0.02	WKL	
MO-SIM	2020/21-3	Wet	3/10/2021 4:48:00 AM	3/17/2021 4:55:00 PM	Copper	Dissolved	=	14	µg/L	EPA 200.8	0.23	0.5	WKL	
MO-SIM	2020/21-3	Wet	3/10/2021 4:48:00 AM	3/17/2021 4:58:00 PM	Copper	Total	=	20	µg/L	EPA 200.8	0.23	0.5	WKL	
MO-SIM	2020/21-3	Wet	3/10/2021 4:48:00 AM	3/17/2021 4:55:00 PM	Iron	Dissolved	=	61	µg/L	EPA 200.8	3.9	20	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-SIM	2020/21-3	Wet	3/10/2021 4:48:00 AM	3/17/2021 4:58:00 PM	Iron	Total	=	1600	µg/L	EPA 200.8	3.9	20	WKL	
MO-SIM	2020/21-3	Wet	3/10/2021 4:48:00 AM	3/17/2021 4:55:00 PM	Lead	Dissolved	DNQ	0.12	µg/L	EPA 200.8	0.083	0.2	WKL	
MO-SIM	2020/21-3	Wet	3/10/2021 4:48:00 AM	3/17/2021 4:58:00 PM	Lead	Total	=	1	µg/L	EPA 200.8	0.083	0.2	WKL	
MO-SIM	2020/21-3	Wet	3/10/2021 4:48:00 AM	3/18/2021 3:29:00 PM	Mercury	Dissolved	<	17	ng/L	EPA 245.1	17	50	WKL	
MO-SIM	2020/21-3	Wet	3/10/2021 4:48:00 AM	3/18/2021 3:31:00 PM	Mercury	Total	<	17	ng/L	EPA 245.1	17	50	WKL	
MO-SIM	2020/21-3	Wet	3/10/2021 4:48:00 AM	3/17/2021 4:55:00 PM	Nickel	Dissolved	=	4.3	µg/L	EPA 200.8	0.16	2	WKL	
MO-SIM	2020/21-3	Wet	3/10/2021 4:48:00 AM	3/17/2021 4:58:00 PM	Nickel	Total	=	6.5	µg/L	EPA 200.8	0.16	2	WKL	
MO-SIM	2020/21-3	Wet	3/10/2021 4:48:00 AM	3/17/2021 4:55:00 PM	Selenium	Dissolved	=	13	µg/L	EPA 200.8	0.067	0.4	WKL	
MO-SIM	2020/21-3	Wet	3/10/2021 4:48:00 AM	3/17/2021 4:58:00 PM	Selenium	Total	=	14	µg/L	EPA 200.8	0.067	0.4	WKL	
MO-SIM	2020/21-3	Wet	3/10/2021 4:48:00 AM	3/17/2021 4:55:00 PM	Silver	Dissolved	<	0.03	µg/L	EPA 200.8	0.03	0.2	WKL	
MO-SIM	2020/21-3	Wet	3/10/2021 4:48:00 AM	3/17/2021 4:58:00 PM	Silver	Total	<	0.03	µg/L	EPA 200.8	0.03	0.2	WKL	
MO-SIM	2020/21-3	Wet	3/10/2021 4:48:00 AM	3/17/2021 4:55:00 PM	Thallium	Dissolved	<	0.021	µg/L	EPA 200.8	0.021	0.2	WKL	
MO-SIM	2020/21-3	Wet	3/10/2021 4:48:00 AM	3/17/2021 4:58:00 PM	Thallium	Total	<	0.021	µg/L	EPA 200.8	0.021	0.2	WKL	
MO-SIM	2020/21-3	Wet	3/10/2021 4:48:00 AM	3/17/2021 4:55:00 PM	Zinc	Dissolved	=	37	µg/L	EPA 200.8	0.8	10	WKL	
MO-SIM	2020/21-3	Wet	3/10/2021 4:48:00 AM	3/17/2021 4:58:00 PM	Zinc	Total	=	54	µg/L	EPA 200.8	0.8	10	WKL	
MO-SIM	2020/21-3	Wet	3/10/2021 4:48:00 AM	3/18/2021 3:53:00 PM	Ammonia as N	n/a	=	0.97	mg/L	EPA 350.1	0.047	0.1	WKL	
MO-SIM	2020/21-3	Wet	3/10/2021 4:48:00 AM	3/11/2021 7:15:00 PM	Nitrate + Nitrite as N	n/a	=	4.2	mg/L	EPA 353.2	0.036	0.2	WKL	
MO-SIM	2020/21-3	Wet	3/10/2021 4:48:00 AM	3/19/2021 7:15:00 PM	Phosphorus as P	Dissolved	=	0.02	mg/L	EPA 200.7	0.012	0.02	WKL	
MO-SIM	2020/21-3	Wet	3/10/2021 4:48:00 AM	3/19/2021 7:18:00 PM	Phosphorus as P	Total	=	0.26	mg/L	EPA 200.7	0.018	0.05	WKL	
MO-SIM	2020/21-3	Wet	3/10/2021 4:48:00 AM	3/19/2021 4:21:00 PM	TKN	n/a	=	3.3	mg/L	EPA 351.2	0.065	0.1	WKL	
MO-SIM	2020/21-3	Wet	3/10/2021 4:48:00 AM	4/2/2021 3:51:00 AM	1,2,4-Trichlorobenzene	n/a	<	4.9	µg/L	EPA 625.1	4.9	10	WKL	
MO-SIM	2020/21-3	Wet	3/10/2021 4:48:00 AM	4/2/2021 3:51:00 AM	1,2-Dichlorobenzene	n/a	<	4.6	µg/L	EPA 625.1	4.6	10	WKL	
MO-SIM	2020/21-3	Wet	3/10/2021 4:48:00 AM	4/2/2021 3:51:00 AM	1,2-Diphenylhydrazine	n/a	<	3	µg/L	EPA 625.1	3	10	WKL	
MO-SIM	2020/21-3	Wet	3/10/2021 4:48:00 AM	4/2/2021 3:51:00 AM	1,3-Dichlorobenzene	n/a	<	4.2	µg/L	EPA 625.1	4.2	10	WKL	
MO-SIM	2020/21-3	Wet	3/10/2021 4:48:00 AM	4/2/2021 3:51:00 AM	1,4-Dichlorobenzene	n/a	<	4.8	µg/L	EPA 625.1	4.8	10	WKL	
MO-SIM	2020/21-3	Wet	3/10/2021 4:48:00 AM	3/27/2021 6:27:00 AM	1-Methylnaphthalene	n/a	<	0.24	µg/L	EPA 8270C	0.24	1	WKL	
MO-SIM	2020/21-3	Wet	3/10/2021 4:48:00 AM	3/26/2021 4:49:00 AM	2,4,5-Trichlorophenol	n/a	<	2.9	µg/L	EPA 8270C	2.9	10	WKL	
MO-SIM	2020/21-3	Wet	3/10/2021 4:48:00 AM	4/2/2021 3:51:00 AM	2,4,6-Trichlorophenol	n/a	<	2.2	µg/L	EPA 625.1	2.2	10	WKL	
MO-SIM	2020/21-3	Wet	3/10/2021 4:48:00 AM	3/26/2021 4:49:00 AM	2,4,6-Trichlorophenol	n/a	<	3	µg/L	EPA 8270C	3	10	WKL	
MO-SIM	2020/21-3	Wet	3/10/2021 4:48:00 AM	4/2/2021 3:51:00 AM	2,4-Dichlorophenol	n/a	<	2.6	µg/L	EPA 625.1	2.6	10	WKL	
MO-SIM	2020/21-3	Wet	3/10/2021 4:48:00 AM	3/26/2021 4:49:00 AM	2,4-Dichlorophenol	n/a	<	5.1	µg/L	EPA 8270C	5.1	10	WKL	
MO-SIM	2020/21-3	Wet	3/10/2021 4:48:00 AM	4/2/2021 3:51:00 AM	2,4-Dimethylphenol	n/a	<	3	µg/L	EPA 625.1	3	10	WKL	
MO-SIM	2020/21-3	Wet	3/10/2021 4:48:00 AM	3/26/2021 4:49:00 AM	2,4-Dimethylphenol	n/a	<	10	µg/L	EPA 8270C	10	20	WKL	
MO-SIM	2020/21-3	Wet	3/10/2021 4:48:00 AM	4/2/2021 3:51:00 AM	2,4-Dinitrophenol	n/a	<	19	µg/L	EPA 625.1	19	100	WKL	
MO-SIM	2020/21-3	Wet	3/10/2021 4:48:00 AM	3/26/2021 4:49:00 AM	2,4-Dinitrophenol	n/a	<	10	µg/L	EPA 8270C	10	20	WKL	
MO-SIM	2020/21-3	Wet	3/10/2021 4:48:00 AM	4/2/2021 3:51:00 AM	2,4-Dinitrotoluene	n/a	<	1.8	µg/L	EPA 625.1	1.8	10	WKL	
MO-SIM	2020/21-3	Wet	3/10/2021 4:48:00 AM	4/2/2021 3:51:00 AM	2,6-Dinitrotoluene	n/a	<	2.7	µg/L	EPA 625.1	2.7	10	WKL	
MO-SIM	2020/21-3	Wet	3/10/2021 4:48:00 AM	4/2/2021 3:51:00 AM	2-Chloronaphthalene	n/a	<	4.5	µg/L	EPA 625.1	4.5	10	WKL	
MO-SIM	2020/21-3	Wet	3/10/2021 4:48:00 AM	3/26/2021 4:49:00 AM	2-Chlorophenol	n/a	<	6.5	µg/L	EPA 8270C	6.5	10	WKL	
MO-SIM	2020/21-3	Wet	3/10/2021 4:48:00 AM	4/2/2021 3:51:00 AM	2-Chlorophenol	n/a	<	2.8	µg/L	EPA 625.1	2.8	10	WKL	
MO-SIM	2020/21-3	Wet	3/10/2021 4:48:00 AM	3/27/2021 6:27:00 AM	2-Methylnaphthalene	n/a	<	0.26	µg/L	EPA 8270C	0.26	1	WKL	
MO-SIM	2020/21-3	Wet	3/10/2021 4:48:00 AM	3/26/2021 4:49:00 AM	2-Methylphenol	n/a	<	3.4	µg/L	EPA 8270C	3.4	10	WKL	
MO-SIM	2020/21-3	Wet	3/10/2021 4:48:00 AM	4/2/2021 3:51:00 AM	2-Nitrophenol	n/a	<	2.6	µg/L	EPA 625.1	2.6	10	WKL	
MO-SIM	2020/21-3	Wet	3/10/2021 4:48:00 AM	3/26/2021 4:49:00 AM	2-Nitrophenol	n/a	<	7.1	µg/L	EPA 8270C	7.1	10	WKL	
MO-SIM	2020/21-3	Wet	3/10/2021 4:48:00 AM	4/2/2021 3:51:00 AM	3,3'-Dichlorobenzidine	n/a	<	9.9	µg/L	EPA 625.1	9.9	50	WKL	
MO-SIM	2020/21-3	Wet	3/10/2021 4:48:00 AM	3/26/2021 4:49:00 AM	3-/4-Methylphenol	n/a	<	3	µg/L	EPA 8270C	3	10	WKL	
MO-SIM	2020/21-3	Wet	3/10/2021 4:48:00 AM	4/2/2021 3:51:00 AM	4,6-Dinitro-2-methylphenol	n/a	<	14	µg/L	EPA 625.1	14	50	WKL	
MO-SIM	2020/21-3	Wet	3/10/2021 4:48:00 AM	3/26/2021 4:49:00 AM	4,6-Dinitro-2-methylphenol	n/a	<	1.4	µg/L	EPA 8270C	1.4	10	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-SIM	2020/21-3	Wet	3/10/2021 4:48:00 AM	4/2/2021 3:51:00 AM	4-Bromophenyl phenyl ether	n/a	<	3.6	µg/L	EPA 625.1	3.6	10	WKL	
MO-SIM	2020/21-3	Wet	3/10/2021 4:48:00 AM	3/26/2021 4:49:00 AM	4-Chloro-3-methylphenol	n/a	<	3.7	µg/L	EPA 8270C	3.7	10	WKL	
MO-SIM	2020/21-3	Wet	3/10/2021 4:48:00 AM	4/2/2021 3:51:00 AM	4-Chloro-3-methylphenol	n/a	<	2.3	µg/L	EPA 625.1	2.3	10	WKL	
MO-SIM	2020/21-3	Wet	3/10/2021 4:48:00 AM	4/2/2021 3:51:00 AM	4-Chlorophenyl phenyl ether	n/a	<	4.1	µg/L	EPA 625.1	4.1	10	WKL	
MO-SIM	2020/21-3	Wet	3/10/2021 4:48:00 AM	3/26/2021 4:49:00 AM	4-Nitrophenol	n/a	<	10	µg/L	EPA 8270C	10	20	WKL	
MO-SIM	2020/21-3	Wet	3/10/2021 4:48:00 AM	4/2/2021 3:51:00 AM	4-Nitrophenol	n/a	<	12	µg/L	EPA 625.1	12	50	WKL	
MO-SIM	2020/21-3	Wet	3/10/2021 4:48:00 AM	4/2/2021 3:51:00 AM	Acenaphthene	n/a	<	3.8	µg/L	EPA 625.1	3.8	10	WKL	
MO-SIM	2020/21-3	Wet	3/10/2021 4:48:00 AM	3/27/2021 6:27:00 AM	Acenaphthene	n/a	<	0.28	µg/L	EPA 8270C	0.28	1	WKL	
MO-SIM	2020/21-3	Wet	3/10/2021 4:48:00 AM	4/2/2021 3:51:00 AM	Acenaphthylene	n/a	<	1.7	µg/L	EPA 625.1	1.7	10	WKL	
MO-SIM	2020/21-3	Wet	3/10/2021 4:48:00 AM	3/27/2021 6:27:00 AM	Acenaphthylene	n/a	<	0.33	µg/L	EPA 8270C	0.33	1	WKL	
MO-SIM	2020/21-3	Wet	3/10/2021 4:48:00 AM	4/2/2021 3:51:00 AM	Anthracene	n/a	<	1.2	µg/L	EPA 625.1	1.2	10	WKL	
MO-SIM	2020/21-3	Wet	3/10/2021 4:48:00 AM	3/27/2021 6:27:00 AM	Anthracene	n/a	<	0.25	µg/L	EPA 8270C	0.25	1	WKL	
MO-SIM	2020/21-3	Wet	3/10/2021 4:48:00 AM	3/27/2021 6:27:00 AM	Benzo(a)anthracene	n/a	<	0.51	µg/L	EPA 8270C	0.51	1	WKL	
MO-SIM	2020/21-3	Wet	3/10/2021 4:48:00 AM	4/2/2021 3:51:00 AM	Benzo(a)anthracene	n/a	<	1.9	µg/L	EPA 625.1	1.9	10	WKL	
MO-SIM	2020/21-3	Wet	3/10/2021 4:48:00 AM	4/2/2021 3:51:00 AM	Benzidine	n/a	<	14	µg/L	EPA 625.1	14	100	WKL	
MO-SIM	2020/21-3	Wet	3/10/2021 4:48:00 AM	3/17/2021 7:16:00 AM	Benzo(a)pyrene	n/a	<	0.02	µg/L	EPA 525.2	0.02	0.1	WKL	
MO-SIM	2020/21-3	Wet	3/10/2021 4:48:00 AM	3/27/2021 6:27:00 AM	Benzo(a)pyrene	n/a	<	0.51	µg/L	EPA 8270C	0.51	1	WKL	
MO-SIM	2020/21-3	Wet	3/10/2021 4:48:00 AM	4/2/2021 3:51:00 AM	Benzo(a)pyrene	n/a	<	3.9	µg/L	EPA 625.1	3.9	10	WKL	
MO-SIM	2020/21-3	Wet	3/10/2021 4:48:00 AM	4/2/2021 3:51:00 AM	Benzo(b)fluoranthene	n/a	<	4.6	µg/L	EPA 625.1	4.6	10	WKL	
MO-SIM	2020/21-3	Wet	3/10/2021 4:48:00 AM	3/27/2021 6:27:00 AM	Benzo(b)fluoranthene	n/a	<	0.27	µg/L	EPA 8270C	0.27	1	WKL	
MO-SIM	2020/21-3	Wet	3/10/2021 4:48:00 AM	4/2/2021 3:51:00 AM	Benzo(g,h,i)perylene	n/a	<	4.2	µg/L	EPA 625.1	4.2	20	WKL	
MO-SIM	2020/21-3	Wet	3/10/2021 4:48:00 AM	3/27/2021 6:27:00 AM	Benzo(g,h,i)perylene	n/a	<	0.5	µg/L	EPA 8270C	0.5	1	WKL	
MO-SIM	2020/21-3	Wet	3/10/2021 4:48:00 AM	4/2/2021 3:51:00 AM	Benzo(k)fluoranthene	n/a	<	2.2	µg/L	EPA 625.1	2.2	10	WKL	
MO-SIM	2020/21-3	Wet	3/10/2021 4:48:00 AM	3/27/2021 6:27:00 AM	Benzo(k)fluoranthene	n/a	<	0.26	µg/L	EPA 8270C	0.26	1	WKL	
MO-SIM	2020/21-3	Wet	3/10/2021 4:48:00 AM	4/2/2021 3:51:00 AM	Bis(2-chloroethoxy)methane	n/a	<	2.5	µg/L	EPA 625.1	2.5	10	WKL	
MO-SIM	2020/21-3	Wet	3/10/2021 4:48:00 AM	4/2/2021 3:51:00 AM	Bis(2-chloroethyl)ether	n/a	<	2.7	µg/L	EPA 625.1	2.7	10	WKL	
MO-SIM	2020/21-3	Wet	3/10/2021 4:48:00 AM	4/2/2021 3:51:00 AM	Bis(2-chloroisopropyl)ether	n/a	<	3.8	µg/L	EPA 625.1	3.8	10	WKL	
MO-SIM	2020/21-3	Wet	3/10/2021 4:48:00 AM	3/17/2021 7:16:00 AM	Bis(2-ethylhexyl)adipate	n/a	DNQ	0.98	µg/L	EPA 525.2	0.12	5	WKL	HB-LCSR
MO-SIM	2020/21-3	Wet	3/10/2021 4:48:00 AM	4/2/2021 3:51:00 AM	Bis(2-ethylhexyl)phthalate	n/a	<	23	µg/L	EPA 625.1	23	50	WKL	
MO-SIM	2020/21-3	Wet	3/10/2021 4:48:00 AM	3/17/2021 7:16:00 AM	Bis(2-ethylhexyl)phthalate	n/a	DNQ	1.1	µg/L	EPA 525.2	0.41	3	WKL	UL-MB
MO-SIM	2020/21-3	Wet	3/10/2021 4:48:00 AM	4/2/2021 3:51:00 AM	Butyl benzyl phthalate	n/a	DNQ	4.1	µg/L	EPA 625.1	1.8	10	WKL	
MO-SIM	2020/21-3	Wet	3/10/2021 4:48:00 AM	4/2/2021 3:51:00 AM	Chrysene	n/a	<	1.9	µg/L	EPA 625.1	1.9	10	WKL	
MO-SIM	2020/21-3	Wet	3/10/2021 4:48:00 AM	3/27/2021 6:27:00 AM	Chrysene	n/a	<	0.32	µg/L	EPA 8270C	0.32	1	WKL	
MO-SIM	2020/21-3	Wet	3/10/2021 4:48:00 AM	4/2/2021 3:51:00 AM	Dibenz(a,h)anthracene	n/a	<	5.3	µg/L	EPA 625.1	5.3	20	WKL	
MO-SIM	2020/21-3	Wet	3/10/2021 4:48:00 AM	3/27/2021 6:27:00 AM	Dibenz(a,h)anthracene	n/a	<	0.96	µg/L	EPA 8270C	0.96	1	WKL	
MO-SIM	2020/21-3	Wet	3/10/2021 4:48:00 AM	4/2/2021 3:51:00 AM	Diethyl phthalate	n/a	<	1.5	µg/L	EPA 625.1	1.5	10	WKL	
MO-SIM	2020/21-3	Wet	3/10/2021 4:48:00 AM	4/2/2021 3:51:00 AM	Dimethyl phthalate	n/a	<	1.8	µg/L	EPA 625.1	1.8	10	WKL	
MO-SIM	2020/21-3	Wet	3/10/2021 4:48:00 AM	4/2/2021 3:51:00 AM	Di-n-butylphthalate	n/a	DNQ	1.1	µg/L	EPA 625.1	1	10	WKL	
MO-SIM	2020/21-3	Wet	3/10/2021 4:48:00 AM	4/2/2021 3:51:00 AM	Di-n-octylphthalate	n/a	<	4.6	µg/L	EPA 625.1	4.6	10	WKL	
MO-SIM	2020/21-3	Wet	3/10/2021 4:48:00 AM	4/2/2021 3:51:00 AM	Fluoranthene	n/a	<	0.8	µg/L	EPA 625.1	0.8	10	WKL	
MO-SIM	2020/21-3	Wet	3/10/2021 4:48:00 AM	3/27/2021 6:27:00 AM	Fluoranthene	n/a	<	0.39	µg/L	EPA 8270C	0.39	1	WKL	
MO-SIM	2020/21-3	Wet	3/10/2021 4:48:00 AM	3/27/2021 6:27:00 AM	Fluorene	n/a	<	0.29	µg/L	EPA 8270C	0.29	1	WKL	
MO-SIM	2020/21-3	Wet	3/10/2021 4:48:00 AM	4/2/2021 3:51:00 AM	Fluorene	n/a	<	3.5	µg/L	EPA 625.1	3.5	10	WKL	
MO-SIM	2020/21-3	Wet	3/10/2021 4:48:00 AM	4/2/2021 3:51:00 AM	Hexachlorobenzene	n/a	<	4.9	µg/L	EPA 625.1	4.9	10	WKL	
MO-SIM	2020/21-3	Wet	3/10/2021 4:48:00 AM	4/2/2021 3:51:00 AM	Hexachlorobutadiene	n/a	<	4.7	µg/L	EPA 625.1	4.7	10	WKL	
MO-SIM	2020/21-3	Wet	3/10/2021 4:48:00 AM	4/2/2021 3:51:00 AM	Hexachlorocyclopentadiene	n/a	<	9.8	µg/L	EPA 625.1	9.8	50	WKL	
MO-SIM	2020/21-3	Wet	3/10/2021 4:48:00 AM	4/2/2021 3:51:00 AM	Hexachloroethane	n/a	<	5	µg/L	EPA 625.1	5	10	WKL	
MO-SIM	2020/21-3	Wet	3/10/2021 4:48:00 AM	3/27/2021 6:27:00 AM	Indeno(1,2,3-cd)pyrene	n/a	<	0.65	µg/L	EPA 8270C	0.65	1	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-SIM	2020/21-3	Wet	3/10/2021 4:48:00 AM	4/2/2021 3:51:00 AM	Indeno(1,2,3-cd)pyrene	n/a	<	5.5	µg/L	EPA 625.1	5.5	20	WKL	
MO-SIM	2020/21-3	Wet	3/10/2021 4:48:00 AM	4/2/2021 3:51:00 AM	Isophorone	n/a	<	2.1	µg/L	EPA 625.1	2.1	10	WKL	
MO-SIM	2020/21-3	Wet	3/10/2021 4:48:00 AM	4/2/2021 3:51:00 AM	Naphthalene	n/a	<	4.9	µg/L	EPA 625.1	4.9	10	WKL	
MO-SIM	2020/21-3	Wet	3/10/2021 4:48:00 AM	3/27/2021 6:27:00 AM	Naphthalene	n/a	<	0.26	µg/L	EPA 8270C	0.26	1	WKL	
MO-SIM	2020/21-3	Wet	3/10/2021 4:48:00 AM	4/2/2021 3:51:00 AM	Nitrobenzene	n/a	<	3.6	µg/L	EPA 625.1	3.6	10	WKL	
MO-SIM	2020/21-3	Wet	3/10/2021 4:48:00 AM	4/2/2021 3:51:00 AM	N-Nitrosodimethylamine	n/a	<	5	µg/L	EPA 625.1	5	10	WKL	
MO-SIM	2020/21-3	Wet	3/10/2021 4:48:00 AM	4/2/2021 3:51:00 AM	N-Nitrosodi-N-propylamine	n/a	<	2.6	µg/L	EPA 625.1	2.6	10	WKL	
MO-SIM	2020/21-3	Wet	3/10/2021 4:48:00 AM	4/2/2021 3:51:00 AM	N-Nitrosodiphenylamine	n/a	<	1.9	µg/L	EPA 625.1	1.9	10	WKL	
MO-SIM	2020/21-3	Wet	3/10/2021 4:48:00 AM	4/2/2021 3:51:00 AM	Phenanthrene	n/a	<	3.2	µg/L	EPA 625.1	3.2	10	WKL	
MO-SIM	2020/21-3	Wet	3/10/2021 4:48:00 AM	3/27/2021 6:27:00 AM	Phenanthrene	n/a	<	0.29	µg/L	EPA 8270C	0.29	1	WKL	
MO-SIM	2020/21-3	Wet	3/10/2021 4:48:00 AM	3/26/2021 4:49:00 AM	Phenol	n/a	<	3.5	µg/L	EPA 8270C	3.5	10	WKL	
MO-SIM	2020/21-3	Wet	3/10/2021 4:48:00 AM	4/2/2021 3:51:00 AM	Phenol	n/a	<	1.6	µg/L	EPA 625.1	1.6	10	WKL	
MO-SIM	2020/21-3	Wet	3/10/2021 4:48:00 AM	4/2/2021 3:51:00 AM	Pyrene	n/a	<	2.5	µg/L	EPA 625.1	2.5	10	WKL	
MO-SIM	2020/21-3	Wet	3/10/2021 4:48:00 AM	3/27/2021 6:27:00 AM	Pyrene	n/a	<	0.4	µg/L	EPA 8270C	0.4	1	WKL	
MO-SIM	2020/21-3	Wet	3/10/2021 4:48:00 AM	4/3/2021 2:26:00 AM	PCB Aroclor 1016	n/a	<	5	µg/L	EPA 608.3	5	5	WKL	
MO-SIM	2020/21-3	Wet	3/10/2021 4:48:00 AM	4/3/2021 2:26:00 AM	PCB Aroclor 1221	n/a	<	5	µg/L	EPA 608.3	5	5	WKL	
MO-SIM	2020/21-3	Wet	3/10/2021 4:48:00 AM	4/3/2021 2:26:00 AM	PCB Aroclor 1232	n/a	<	5	µg/L	EPA 608.3	5	5	WKL	
MO-SIM	2020/21-3	Wet	3/10/2021 4:48:00 AM	4/3/2021 2:26:00 AM	PCB Aroclor 1242	n/a	<	5	µg/L	EPA 608.3	5	5	WKL	
MO-SIM	2020/21-3	Wet	3/10/2021 4:48:00 AM	4/3/2021 2:26:00 AM	PCB Aroclor 1248	n/a	<	5	µg/L	EPA 608.3	5	5	WKL	
MO-SIM	2020/21-3	Wet	3/10/2021 4:48:00 AM	4/3/2021 2:26:00 AM	PCB Aroclor 1254	n/a	<	5	µg/L	EPA 608.3	5	5	WKL	
MO-SIM	2020/21-3	Wet	3/10/2021 4:48:00 AM	4/3/2021 2:26:00 AM	PCB Aroclor 1260	n/a	<	5	µg/L	EPA 608.3	5	5	WKL	
MO-SIM	2020/21-3	Wet	3/10/2021 4:48:00 AM	3/27/2021 10:14:00 PM	2,4,5-T	n/a	<	0.28	µg/L	EPA 515.4	0.28	1	WKL	
MO-SIM	2020/21-3	Wet	3/10/2021 4:48:00 AM	3/27/2021 10:14:00 PM	2,4,5-TP	n/a	<	0.23	µg/L	EPA 515.4	0.23	1	WKL	
MO-SIM	2020/21-3	Wet	3/10/2021 4:48:00 AM	3/27/2021 10:14:00 PM	2,4-D	n/a	<	2	µg/L	EPA 515.4	2	2	WKL	
MO-SIM	2020/21-3	Wet	3/10/2021 4:48:00 AM	3/27/2021 10:14:00 PM	2,4-DB	n/a	<	0.95	µg/L	EPA 515.4	0.95	10	WKL	
MO-SIM	2020/21-3	Wet	3/10/2021 4:48:00 AM	3/27/2021 10:14:00 PM	3,5-Dichlorobenzoic acid	n/a	<	0.6	µg/L	EPA 515.4	0.6	5	WKL	
MO-SIM	2020/21-3	Wet	3/10/2021 4:48:00 AM	4/3/2021 2:26:00 AM	4,4'-DDD	n/a	<	0.007	µg/L	EPA 608.3	0.007	0.5	WKL	
MO-SIM	2020/21-3	Wet	3/10/2021 4:48:00 AM	4/3/2021 2:26:00 AM	4,4'-DDE	n/a	<	0.007	µg/L	EPA 608.3	0.007	0.5	WKL	
MO-SIM	2020/21-3	Wet	3/10/2021 4:48:00 AM	4/3/2021 2:26:00 AM	4,4'-DDT	n/a	<	0.011	µg/L	EPA 608.3	0.011	0.1	WKL	
MO-SIM	2020/21-3	Wet	3/10/2021 4:48:00 AM	3/27/2021 10:14:00 PM	Acifluorfen	n/a	<	0.36	µg/L	EPA 515.4	0.36	2	WKL	
MO-SIM	2020/21-3	Wet	3/10/2021 4:48:00 AM	3/17/2021 7:16:00 AM	Alachlor	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1	WKL	
MO-SIM	2020/21-3	Wet	3/10/2021 4:48:00 AM	4/3/2021 2:26:00 AM	Aldrin	n/a	<	0.01	µg/L	EPA 608.3	0.01	0.05	WKL	
MO-SIM	2020/21-3	Wet	3/10/2021 4:48:00 AM	4/3/2021 2:26:00 AM	alpha-BHC	n/a	<	0.011	µg/L	EPA 608.3	0.011	0.1	WKL	
MO-SIM	2020/21-3	Wet	3/10/2021 4:48:00 AM	4/3/2021 2:26:00 AM	alpha-Chlordane	n/a	<	0.029	µg/L	EPA 608.3	0.029	0.1	WKL	
MO-SIM	2020/21-3	Wet	3/10/2021 4:48:00 AM	3/17/2021 7:16:00 AM	Atrazine	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1	WKL	
MO-SIM	2020/21-3	Wet	3/10/2021 4:48:00 AM	3/18/2021 3:34:00 AM	Azinphos methyl	n/a	<	0.0055	µg/L	EPA 625.1m	0.0055	0.01	WKL	
MO-SIM	2020/21-3	Wet	3/10/2021 4:48:00 AM	3/27/2021 10:14:00 PM	Bentazon	n/a	<	1.2	µg/L	EPA 515.4	1.2	10	WKL	
MO-SIM	2020/21-3	Wet	3/10/2021 4:48:00 AM	4/3/2021 2:26:00 AM	beta-BHC	n/a	<	0.015	µg/L	EPA 608.3	0.015	0.05	WKL	
MO-SIM	2020/21-3	Wet	3/10/2021 4:48:00 AM	3/18/2021 3:34:00 AM	Bolstar	n/a	<	0.0046	µg/L	EPA 625.1m	0.0046	0.01	WKL	
MO-SIM	2020/21-3	Wet	3/10/2021 4:48:00 AM	3/17/2021 7:16:00 AM	Bromacil	n/a	<	0.16	µg/L	EPA 525.2	0.16	0.5	WKL	
MO-SIM	2020/21-3	Wet	3/10/2021 4:48:00 AM	3/17/2021 7:16:00 AM	Butachlor	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1	WKL	
MO-SIM	2020/21-3	Wet	3/10/2021 4:48:00 AM	3/17/2021 7:16:00 AM	Captan	n/a	<	0.16	µg/L	EPA 525.2	0.16	1	WKL	
MO-SIM	2020/21-3	Wet	3/10/2021 4:48:00 AM	4/3/2021 2:26:00 AM	Chlordane (technical)	n/a	<	5	µg/L	EPA 608.3	5	5	WKL	
MO-SIM	2020/21-3	Wet	3/10/2021 4:48:00 AM	3/17/2021 7:16:00 AM	Chlorpropham	n/a	<	0.04	µg/L	EPA 525.2	0.04	0.1	WKL	
MO-SIM	2020/21-3	Wet	3/10/2021 4:48:00 AM	3/18/2021 3:34:00 AM	Chlorpyrifos	n/a	<	0.0069	µg/L	EPA 625.1m	0.0069	0.01	WKL	
MO-SIM	2020/21-3	Wet	3/10/2021 4:48:00 AM	3/18/2021 3:34:00 AM	Coumaphos	n/a	<	0.0051	µg/L	EPA 625.1m	0.0051	0.01	WKL	
MO-SIM	2020/21-3	Wet	3/10/2021 4:48:00 AM	3/17/2021 7:16:00 AM	Cyanazine	n/a	<	0.04	µg/L	EPA 525.2	0.04	0.1	WKL	
MO-SIM	2020/21-3	Wet	3/10/2021 4:48:00 AM	3/27/2021 10:14:00 PM	Dalapon	n/a	<	0.55	µg/L	EPA 515.4	0.55	2	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-SIM	2020/21-3	Wet	3/10/2021 4:48:00 AM	3/27/2021 10:14:00 PM	DCPA (Dacthal)	n/a	<	0.26	µg/L	EPA 515.4	0.26	0.5	WKL	
MO-SIM	2020/21-3	Wet	3/10/2021 4:48:00 AM	4/3/2021 2:26:00 AM	delta-BHC	n/a	<	0.019	µg/L	EPA 608.3	0.019	0.05	WKL	
MO-SIM	2020/21-3	Wet	3/10/2021 4:48:00 AM	3/18/2021 3:34:00 AM	Demeton-O	n/a	<	0.01	µg/L	EPA 625.1m	0.01	0.01	WKL	
MO-SIM	2020/21-3	Wet	3/10/2021 4:48:00 AM	3/18/2021 3:34:00 AM	Demeton-S	n/a	<	0.01	µg/L	EPA 625.1m	0.01	0.01	WKL	
MO-SIM	2020/21-3	Wet	3/10/2021 4:48:00 AM	3/18/2021 3:34:00 AM	Diazinon	n/a	<	0.0052	µg/L	EPA 625.1m	0.0052	0.01	WKL	
MO-SIM	2020/21-3	Wet	3/10/2021 4:48:00 AM	3/17/2021 7:16:00 AM	Diazinon	n/a	<	0.05	µg/L	EPA 525.2	0.05	0.1	WKL	
MO-SIM	2020/21-3	Wet	3/10/2021 4:48:00 AM	3/27/2021 10:14:00 PM	Dicamba	n/a	=	3.7	µg/L	EPA 515.4	0.38	3	WKL	
MO-SIM	2020/21-3	Wet	3/10/2021 4:48:00 AM	3/27/2021 10:14:00 PM	Dichlorprop	n/a	<	0.6	µg/L	EPA 515.4	0.6	1.5	WKL	
MO-SIM	2020/21-3	Wet	3/10/2021 4:48:00 AM	3/18/2021 3:34:00 AM	Dichlorvos	n/a	<	0.0029	µg/L	EPA 625.1m	0.0029	0.01	WKL	
MO-SIM	2020/21-3	Wet	3/10/2021 4:48:00 AM	4/3/2021 2:26:00 AM	Dieldrin	n/a	<	0.008	µg/L	EPA 608.3	0.008	0.1	WKL	
MO-SIM	2020/21-3	Wet	3/10/2021 4:48:00 AM	3/17/2021 7:16:00 AM	Dimethoate	n/a	<	0.02	µg/L	EPA 525.2	0.02	0.2	WKL	
MO-SIM	2020/21-3	Wet	3/10/2021 4:48:00 AM	3/18/2021 3:34:00 AM	Dimethoate	n/a	<	0.0062	µg/L	EPA 625.1m	0.0062	0.01	WKL	
MO-SIM	2020/21-3	Wet	3/10/2021 4:48:00 AM	3/27/2021 10:14:00 PM	Dinoseb	n/a	<	0.28	µg/L	EPA 515.4	0.28	2	WKL	
MO-SIM	2020/21-3	Wet	3/10/2021 4:48:00 AM	3/18/2021 3:34:00 AM	Diphenamid	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1	WKL	
MO-SIM	2020/21-3	Wet	3/10/2021 4:48:00 AM	3/18/2021 3:34:00 AM	Disulfoton	n/a	<	0.01	µg/L	EPA 625.1m	0.01	0.01	WKL	
MO-SIM	2020/21-3	Wet	3/10/2021 4:48:00 AM	3/17/2021 7:16:00 AM	Disulfoton	n/a	<	0.04	µg/L	EPA 525.2	0.04	0.1	WKL	
MO-SIM	2020/21-3	Wet	3/10/2021 4:48:00 AM	4/3/2021 2:26:00 AM	Endosulfan I	n/a	<	0.009	µg/L	EPA 608.3	0.009	0.2	WKL	
MO-SIM	2020/21-3	Wet	3/10/2021 4:48:00 AM	4/3/2021 2:26:00 AM	Endosulfan II	n/a	<	0.007	µg/L	EPA 608.3	0.007	0.1	WKL	
MO-SIM	2020/21-3	Wet	3/10/2021 4:48:00 AM	4/3/2021 2:26:00 AM	Endosulfan sulfate	n/a	<	0.5	µg/L	EPA 608.3	0.5	0.5	WKL	
MO-SIM	2020/21-3	Wet	3/10/2021 4:48:00 AM	4/3/2021 2:26:00 AM	Endrin	n/a	<	0.017	µg/L	EPA 608.3	0.017	0.1	WKL	
MO-SIM	2020/21-3	Wet	3/10/2021 4:48:00 AM	4/3/2021 2:26:00 AM	Endrin aldehyde	n/a	<	0.019	µg/L	EPA 608.3	0.019	0.1	WKL	
MO-SIM	2020/21-3	Wet	3/10/2021 4:48:00 AM	3/17/2021 7:16:00 AM	EPTC	n/a	<	0.02	µg/L	EPA 525.2	0.02	0.1	WKL	
MO-SIM	2020/21-3	Wet	3/10/2021 4:48:00 AM	3/18/2021 3:34:00 AM	Ethoprop	n/a	<	0.0067	µg/L	EPA 625.1m	0.0067	0.01	WKL	
MO-SIM	2020/21-3	Wet	3/10/2021 4:48:00 AM	3/18/2021 3:34:00 AM	Ethyl parathion	n/a	<	0.0054	µg/L	EPA 625.1m	0.0054	0.01	WKL	
MO-SIM	2020/21-3	Wet	3/10/2021 4:48:00 AM	3/18/2021 3:34:00 AM	Fensulfothion	n/a	<	0.0029	µg/L	EPA 625.1m	0.0029	0.01	WKL	
MO-SIM	2020/21-3	Wet	3/10/2021 4:48:00 AM	3/18/2021 3:34:00 AM	Fenthion	n/a	<	0.0038	µg/L	EPA 625.1m	0.0038	0.01	WKL	
MO-SIM	2020/21-3	Wet	3/10/2021 4:48:00 AM	4/3/2021 2:26:00 AM	gamma-BHC (Lindane)	n/a	<	0.004	µg/L	EPA 608.3	0.004	0.2	WKL	
MO-SIM	2020/21-3	Wet	3/10/2021 4:48:00 AM	4/3/2021 2:26:00 AM	gamma-Chlordane	n/a	<	0.023	µg/L	EPA 608.3	0.023	0.1	WKL	
MO-SIM	2020/21-3	Wet	3/10/2021 4:48:00 AM	3/18/2021 4:26:00 AM	Glyphosate	n/a	=	56	µg/L	EPA 547	1.8	5	WKL	
MO-SIM	2020/21-3	Wet	3/10/2021 4:48:00 AM	4/3/2021 2:26:00 AM	Heptachlor	n/a	<	0.1	µg/L	EPA 608.3	0.1	0.1	WKL	
MO-SIM	2020/21-3	Wet	3/10/2021 4:48:00 AM	4/3/2021 2:26:00 AM	Heptachlor epoxide	n/a	<	0.1	µg/L	EPA 608.3	0.1	0.1	WKL	
MO-SIM	2020/21-3	Wet	3/10/2021 4:48:00 AM	3/18/2021 3:34:00 AM	Malathion	n/a	<	0.0076	µg/L	EPA 625.1m	0.0076	0.01	WKL	
MO-SIM	2020/21-3	Wet	3/10/2021 4:48:00 AM	3/18/2021 3:34:00 AM	Merphos	n/a	<	0.0058	µg/L	EPA 625.1m	0.0058	0.01	WKL	
MO-SIM	2020/21-3	Wet	3/10/2021 4:48:00 AM	3/18/2021 3:34:00 AM	Methyl parathion	n/a	<	0.0063	µg/L	EPA 625.1m	0.0063	0.01	WKL	
MO-SIM	2020/21-3	Wet	3/10/2021 4:48:00 AM	3/17/2021 7:16:00 AM	Metolachlor	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1	WKL	
MO-SIM	2020/21-3	Wet	3/10/2021 4:48:00 AM	3/17/2021 7:16:00 AM	Metribuzin	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1	WKL	
MO-SIM	2020/21-3	Wet	3/10/2021 4:48:00 AM	3/18/2021 3:34:00 AM	Mevinphos	n/a	<	0.0042	µg/L	EPA 625.1m	0.0042	0.01	WKL	
MO-SIM	2020/21-3	Wet	3/10/2021 4:48:00 AM	3/17/2021 7:16:00 AM	Molinate	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1	WKL	
MO-SIM	2020/21-3	Wet	3/10/2021 4:48:00 AM	3/18/2021 3:34:00 AM	Naled	n/a	<	0.0076	µg/L	EPA 625.1m	0.0076	0.01	WKL	
MO-SIM	2020/21-3	Wet	3/10/2021 4:48:00 AM	3/27/2021 10:14:00 PM	Pentachlorophenol	n/a	<	0.23	µg/L	EPA 515.4	0.23	1	WKL	
MO-SIM	2020/21-3	Wet	3/10/2021 4:48:00 AM	4/2/2021 3:51:00 AM	Pentachlorophenol	n/a	<	4	µg/L	EPA 625.1	4	10	WKL	
MO-SIM	2020/21-3	Wet	3/10/2021 4:48:00 AM	3/26/2021 4:49:00 AM	Pentachlorophenol	n/a	<	1.5	µg/L	EPA 8270C	1.5	10	WKL	
MO-SIM	2020/21-3	Wet	3/10/2021 4:48:00 AM	3/18/2021 3:34:00 AM	Phorate	n/a	<	0.003	µg/L	EPA 625.1m	0.003	0.01	WKL	
MO-SIM	2020/21-3	Wet	3/10/2021 4:48:00 AM	3/27/2021 10:14:00 PM	Picloram	n/a	<	0.19	µg/L	EPA 515.4	0.19	3	WKL	
MO-SIM	2020/21-3	Wet	3/10/2021 4:48:00 AM	3/17/2021 7:16:00 AM	Prometon	n/a	<	0.01	µg/L	EPA 525.2	0.01	0.1	WKL	
MO-SIM	2020/21-3	Wet	3/10/2021 4:48:00 AM	3/17/2021 7:16:00 AM	Prometryn	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1	WKL	
MO-SIM	2020/21-3	Wet	3/10/2021 4:48:00 AM	3/18/2021 3:34:00 AM	Ronnel (Fenchlorphos)	n/a	<	0.0041	µg/L	EPA 625.1m	0.0041	0.01	WKL	
MO-SIM	2020/21-3	Wet	3/10/2021 4:48:00 AM	3/17/2021 7:16:00 AM	Simazine	n/a	<	0.02	µg/L	EPA 525.2	0.02	0.1	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-SIM	2020/21-3	Wet	3/10/2021 4:48:00 AM	3/18/2021 3:34:00 AM	Stirophos (Tetrachlorvinphos)	n/a	<	0.0031	µg/L	EPA 625.1m	0.0031	0.01	WKL	
MO-SIM	2020/21-3	Wet	3/10/2021 4:48:00 AM	3/17/2021 7:16:00 AM	Terbacil	n/a	<	0.09	µg/L	EPA 525.2	0.09	2	WKL	
MO-SIM	2020/21-3	Wet	3/10/2021 4:48:00 AM	3/17/2021 7:16:00 AM	Thiobencarb	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1	WKL	
MO-SIM	2020/21-3	Wet	3/10/2021 4:48:00 AM	3/18/2021 3:34:00 AM	Tokuthion	n/a	<	0.0078	µg/L	EPA 625.1m	0.0078	0.01	WKL	
MO-SIM	2020/21-3	Wet	3/10/2021 4:48:00 AM	4/3/2021 2:26:00 AM	Toxaphene	n/a	<	10	µg/L	EPA 608.3	10	10	WKL	
MO-SIM	2020/21-3	Wet	3/10/2021 4:48:00 AM	3/18/2021 3:34:00 AM	Trichloronate	n/a	<	0.0067	µg/L	EPA 625.1m	0.0067	0.01	WKL	
MO-SIM	2020/21-3	Wet	3/10/2021 4:48:00 AM	3/17/2021 7:16:00 AM	Trithion	n/a	<	0.02	µg/L	EPA 525.2	0.02	0.1	WKL	
MO-SIM	2020/21-4	Dry	4/29/2021 8:20:00 AM	4/30/2021 3:21:00 PM	Chloride	n/a	=	200	mg/L	EPA 300.0	0.17	1	WKL	
MO-SIM	2020/21-4	Dry	4/29/2021 8:20:00 AM	4/30/2021 3:21:00 PM	Fluoride	n/a	=	0.52	mg/L	EPA 300.0	0.018	0.2	WKL	
MO-SIM	2020/21-4	Dry	4/29/2021 8:20:00 AM	4/30/2021 10:12:00 AM	Perchlorate	n/a	DNQ	3.1	µg/L	EPA 314.0	1.7	4	WKL	
MO-SIM	2020/21-4	Dry	4/29/2021 8:20:00 AM	4/30/2021 9:27:00 AM	E. Coli	n/a	=	150	MPN/100 mL	SM 9223 B	-88	10	WKL	
MO-SIM	2020/21-4	Dry	4/29/2021 8:20:00 AM	4/30/2021 9:27:00 AM	Total Coliform	n/a	=	6500	MPN/100 mL	SM 9223 B	-88	10	WKL	
MO-SIM	2020/21-4	Dry	4/29/2021 8:20:00 AM	5/5/2021 10:26:00 AM	Calcium	Total	=	326	mg/L	EPA 200.7	0.32	1	WKL	
MO-SIM	2020/21-4	Dry	4/29/2021 8:20:00 AM	5/4/2021 6:14:00 PM	Magnesium	Total	=	117	mg/L	EPA 200.7	0.039	0.5	WKL	
MO-SIM	2020/21-4	Dry	4/29/2021 8:20:00 AM	5/4/2021 12:55:00 PM	Alkalinity as CaCO3	n/a	=	260	mg/L	SM 2320 B	0.56	5	WKL	
MO-SIM	2020/21-4	Dry	4/29/2021 8:20:00 AM	5/5/2021 2:50:00 PM	BOD	n/a	<	2	mg/L	SM 5210 B	2	2	WKL	
MO-SIM	2020/21-4	Dry	4/29/2021 8:20:00 AM	5/10/2021 11:10:00 AM	COD	n/a	=	13	mg/L	EPA 410.4	2.9	5	WKL	
MO-SIM	2020/21-4	Dry	4/29/2021 8:20:00 AM	4/29/2021 8:20:00 AM	Conductivity	n/a	=	2459	µmhos/cm	Field Meter	-88	1	Field Crew	
MO-SIM	2020/21-4	Dry	4/29/2021 8:20:00 AM	5/4/2021 2:19:00 PM	Cyanide	Total	<	0.0003	mg/L	ASTM D7511	0.0003	0.002	WKL	
MO-SIM	2020/21-4	Dry	4/29/2021 8:20:00 AM	4/29/2021 8:20:00 AM	DO	n/a	=	118.6	%	Field Meter	-88	0.1	Field Crew	
MO-SIM	2020/21-4	Dry	4/29/2021 8:20:00 AM	4/29/2021 8:20:00 AM	DO	n/a	=	11.15	mg/L	Field Meter	-88	0.3	Field Crew	
MO-SIM	2020/21-4	Dry	4/29/2021 8:20:00 AM	5/5/2021 12:40:00 PM	Hardness as CaCO3	Total	=	1290	mg/L	EPA 200.7	0.96	4.56	WKL	
MO-SIM	2020/21-4	Dry	4/29/2021 8:20:00 AM	4/30/2021 6:27:00 PM	MBAS	n/a	=	0.058	mg/L	SM 5540 C	0.017	0.05	WKL	
MO-SIM	2020/21-4	Dry	4/29/2021 8:20:00 AM	4/29/2021 8:20:00 AM	pH	n/a	=	7.91	pH Units	Field Meter	-88	0.01	Field Crew	
MO-SIM	2020/21-4	Dry	4/29/2021 8:20:00 AM	5/4/2021 2:01:00 PM	Phenolics	n/a	=	0.023	mg/L	EPA 420.4	0.0032	0.01	WKL	
MO-SIM	2020/21-4	Dry	4/29/2021 8:20:00 AM	4/29/2021 8:20:00 AM	Salinity	n/a	=	1500	mg/L	Field Meter	-88	100	Field Crew	
MO-SIM	2020/21-4	Dry	4/29/2021 8:20:00 AM	4/29/2021 8:20:00 AM	Specific Conductance	n/a	=	2838	µmhos/cm	Field Meter	-88	1	Field Crew	
MO-SIM	2020/21-4	Dry	4/29/2021 8:20:00 AM	5/7/2021 1:07:00 PM	Specific Conductance	n/a	=	3500	µmhos/cm	SM 2510 B	1.2	10	WKL	
MO-SIM	2020/21-4	Dry	4/29/2021 8:20:00 AM	4/29/2021 8:20:00 AM	Temperature	n/a	=	18	°C	Field Meter	-88	0.1	Field Crew	
MO-SIM	2020/21-4	Dry	4/29/2021 8:20:00 AM	5/3/2021 12:40:00 PM	Total Dissolved Solids	n/a	=	2500	mg/L	SM 2540 C	4	10	WKL	
MO-SIM	2020/21-4	Dry	4/29/2021 8:20:00 AM	5/6/2021 12:00:00 PM	Total Organic Carbon	n/a	=	3.6	mg/L	SM 5310 B	0.096	0.3	WKL	
MO-SIM	2020/21-4	Dry	4/29/2021 8:20:00 AM	5/3/2021 1:20:00 PM	Total Suspended Solids	n/a	=	7	mg/L	SM 2540 D	-88	5	WKL	
MO-SIM	2020/21-4	Dry	4/29/2021 8:20:00 AM	4/29/2021 5:40:00 PM	Turbidity	n/a	=	1.1	NTU	EPA 180.1	0.017	0.1	WKL	
MO-SIM	2020/21-4	Dry	4/29/2021 8:20:00 AM	5/3/2021 1:20:00 PM	Volatile Suspended Solids	n/a	<	3.1	mg/L	EPA 160.4	3.1	5	WKL	
MO-SIM	2020/21-4	Dry	4/29/2021 8:20:00 AM	5/5/2021 11:40:00 PM	Diesel Range Organics	n/a	DNQ	0.058	mg/L	EPA 8015B	0.032	0.1	WKL	UL-MB
MO-SIM	2020/21-4	Dry	4/29/2021 8:20:00 AM	5/4/2021 12:34:00 AM	Gasoline Range Organics	n/a	<	0.065	mg/L	LUFT GC/MS	0.065	0.1	WKL	
MO-SIM	2020/21-4	Dry	4/29/2021 8:20:00 AM	4/30/2021 3:28:00 PM	Oil and Grease	n/a	<	0.7	mg/L	EPA 1664B	0.7	5	WKL	
MO-SIM	2020/21-4	Dry	4/29/2021 8:20:00 AM	5/5/2021 11:40:00 PM	Oil Range Organics	n/a	<	0.33	mg/L	EPA 8015B	0.33	0.5	WKL	
MO-SIM	2020/21-4	Dry	4/29/2021 8:20:00 AM	5/4/2021 4:26:00 PM	Aluminum	Dissolved	<	4.4	µg/L	EPA 200.8	4.4	20	WKL	
MO-SIM	2020/21-4	Dry	4/29/2021 8:20:00 AM	5/4/2021 4:29:00 PM	Aluminum	Total	<	4.4	µg/L	EPA 200.8	4.4	20	WKL	
MO-SIM	2020/21-4	Dry	4/29/2021 8:20:00 AM	5/4/2021 4:26:00 PM	Antimony	Dissolved	DNQ	0.19	µg/L	EPA 200.8	0.089	0.5	WKL	
MO-SIM	2020/21-4	Dry	4/29/2021 8:20:00 AM	5/4/2021 4:26:00 PM	Antimony	Total	DNQ	0.19	µg/L	EPA 200.8	0.089	0.5	WKL	
MO-SIM	2020/21-4	Dry	4/29/2021 8:20:00 AM	5/4/2021 4:26:00 PM	Arsenic	Dissolved	=	1.3	µg/L	EPA 200.8	0.074	0.4	WKL	
MO-SIM	2020/21-4	Dry	4/29/2021 8:20:00 AM	5/4/2021 4:29:00 PM	Arsenic	Total	=	1.3	µg/L	EPA 200.8	0.074	0.4	WKL	
MO-SIM	2020/21-4	Dry	4/29/2021 8:20:00 AM	5/4/2021 4:29:00 PM	Barium	Total	=	16	µg/L	EPA 200.8	0.14	1	WKL	
MO-SIM	2020/21-4	Dry	4/29/2021 8:20:00 AM	5/4/2021 4:26:00 PM	Beryllium	Dissolved	<	0.062	µg/L	EPA 200.8	0.062	0.1	WKL	
MO-SIM	2020/21-4	Dry	4/29/2021 8:20:00 AM	5/4/2021 4:29:00 PM	Beryllium	Total	<	0.062	µg/L	EPA 200.8	0.062	0.1	WKL	
MO-SIM	2020/21-4	Dry	4/29/2021 8:20:00 AM	5/4/2021 4:26:00 PM	Cadmium	Dissolved	DNQ	0.051	µg/L	EPA 200.8	0.042	0.2	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-SIM	2020/21-4	Dry	4/29/2021 8:20:00 AM	5/4/2021 4:29:00 PM	Cadmium	Total	DNQ	0.063	µg/L	EPA 200.8	0.042	0.2	WKL	
MO-SIM	2020/21-4	Dry	4/29/2021 8:20:00 AM	5/4/2021 4:26:00 PM	Chromium	Dissolved	=	1.5	µg/L	EPA 200.8	0.089	0.2	WKL	
MO-SIM	2020/21-4	Dry	4/29/2021 8:20:00 AM	5/4/2021 4:29:00 PM	Chromium	Total	=	1.5	µg/L	EPA 200.8	0.089	0.2	WKL	
MO-SIM	2020/21-4	Dry	4/29/2021 8:20:00 AM	5/3/2021 7:11:00 PM	Chromium VI	n/a	=	1.6	µg/L	EPA 218.6	0.0079	0.02	WKL	
MO-SIM	2020/21-4	Dry	4/29/2021 8:20:00 AM	5/4/2021 4:26:00 PM	Copper	Dissolved	=	1.3	µg/L	EPA 200.8	0.23	0.5	WKL	UL-MB
MO-SIM	2020/21-4	Dry	4/29/2021 8:20:00 AM	5/4/2021 4:29:00 PM	Copper	Total	=	1	µg/L	EPA 200.8	0.23	0.5	WKL	
MO-SIM	2020/21-4	Dry	4/29/2021 8:20:00 AM	5/4/2021 4:26:00 PM	Iron	Dissolved	DNQ	11	µg/L	EPA 200.8	3.9	20	WKL	
MO-SIM	2020/21-4	Dry	4/29/2021 8:20:00 AM	5/4/2021 4:29:00 PM	Iron	Total	=	25	µg/L	EPA 200.8	3.9	20	WKL	
MO-SIM	2020/21-4	Dry	4/29/2021 8:20:00 AM	5/4/2021 4:26:00 PM	Lead	Dissolved	<	0.083	µg/L	EPA 200.8	0.083	0.2	WKL	
MO-SIM	2020/21-4	Dry	4/29/2021 8:20:00 AM	5/4/2021 4:29:00 PM	Lead	Total	<	0.083	µg/L	EPA 200.8	0.083	0.2	WKL	
MO-SIM	2020/21-4	Dry	4/29/2021 8:20:00 AM	5/5/2021 5:19:00 PM	Mercury	Dissolved	<	17	ng/L	EPA 245.1	17	50	WKL	
MO-SIM	2020/21-4	Dry	4/29/2021 8:20:00 AM	5/5/2021 5:21:00 PM	Mercury	Total	<	17	ng/L	EPA 245.1	17	50	WKL	
MO-SIM	2020/21-4	Dry	4/29/2021 8:20:00 AM	5/4/2021 4:26:00 PM	Nickel	Dissolved	DNQ	1.6	µg/L	EPA 200.8	0.16	2	WKL	
MO-SIM	2020/21-4	Dry	4/29/2021 8:20:00 AM	5/4/2021 4:29:00 PM	Nickel	Total	DNQ	1.6	µg/L	EPA 200.8	0.16	2	WKL	
MO-SIM	2020/21-4	Dry	4/29/2021 8:20:00 AM	5/4/2021 4:26:00 PM	Selenium	Dissolved	=	33	µg/L	EPA 200.8	0.067	0.4	WKL	
MO-SIM	2020/21-4	Dry	4/29/2021 8:20:00 AM	5/4/2021 4:29:00 PM	Selenium	Total	=	32	µg/L	EPA 200.8	0.067	0.4	WKL	
MO-SIM	2020/21-4	Dry	4/29/2021 8:20:00 AM	5/4/2021 4:26:00 PM	Silver	Dissolved	<	0.03	µg/L	EPA 200.8	0.03	0.2	WKL	
MO-SIM	2020/21-4	Dry	4/29/2021 8:20:00 AM	5/4/2021 4:29:00 PM	Silver	Total	<	0.03	µg/L	EPA 200.8	0.03	0.2	WKL	
MO-SIM	2020/21-4	Dry	4/29/2021 8:20:00 AM	5/4/2021 4:26:00 PM	Thallium	Dissolved	<	0.021	µg/L	EPA 200.8	0.021	0.2	WKL	
MO-SIM	2020/21-4	Dry	4/29/2021 8:20:00 AM	5/4/2021 4:29:00 PM	Thallium	Total	<	0.021	µg/L	EPA 200.8	0.021	0.2	WKL	
MO-SIM	2020/21-4	Dry	4/29/2021 8:20:00 AM	5/4/2021 4:26:00 PM	Zinc	Dissolved	DNQ	1.4	µg/L	EPA 200.8	0.8	10	WKL	
MO-SIM	2020/21-4	Dry	4/29/2021 8:20:00 AM	5/4/2021 4:29:00 PM	Zinc	Total	DNQ	1.1	µg/L	EPA 200.8	0.8	10	WKL	
MO-SIM	2020/21-4	Dry	4/29/2021 8:20:00 AM	5/6/2021 2:18:00 PM	Ammonia as N	n/a	<	0.047	mg/L	EPA 350.1	0.047	0.1	WKL	
MO-SIM	2020/21-4	Dry	4/29/2021 8:20:00 AM	4/29/2021 6:24:00 PM	Nitrate + Nitrite as N	n/a	=	9	mg/L	EPA 353.2	0.036	0.2	WKL	
MO-SIM	2020/21-4	Dry	4/29/2021 8:20:00 AM	5/4/2021 6:11:00 PM	Phosphorus as P	Dissolved	<	0.018	mg/L	EPA 200.7	0.018	0.05	WKL	
MO-SIM	2020/21-4	Dry	4/29/2021 8:20:00 AM	5/4/2021 6:14:00 PM	Phosphorus as P	Total	<	0.018	mg/L	EPA 200.7	0.018	0.05	WKL	
MO-SIM	2020/21-4	Dry	4/29/2021 8:20:00 AM	5/7/2021 1:37:00 PM	TKN	n/a	<	0.065	mg/L	EPA 351.2	0.065	0.1	WKL	
MO-SIM	2020/21-4	Dry	4/29/2021 8:20:00 AM	5/27/2021 8:08:00 AM	1,2,4-Trichlorobenzene	n/a	<	0.49	µg/L	EPA 625.1	0.49	1	WKL	
MO-SIM	2020/21-4	Dry	4/29/2021 8:20:00 AM	5/27/2021 8:08:00 AM	1,2-Dichlorobenzene	n/a	<	0.46	µg/L	EPA 625.1	0.46	1	WKL	
MO-SIM	2020/21-4	Dry	4/29/2021 8:20:00 AM	5/27/2021 8:08:00 AM	1,2-Diphenylhydrazine	n/a	<	0.3	µg/L	EPA 625.1	0.3	1	WKL	
MO-SIM	2020/21-4	Dry	4/29/2021 8:20:00 AM	5/27/2021 8:08:00 AM	1,3-Dichlorobenzene	n/a	<	0.42	µg/L	EPA 625.1	0.42	1	WKL	
MO-SIM	2020/21-4	Dry	4/29/2021 8:20:00 AM	5/27/2021 8:08:00 AM	1,4-Dichlorobenzene	n/a	<	0.48	µg/L	EPA 625.1	0.48	1	WKL	
MO-SIM	2020/21-4	Dry	4/29/2021 8:20:00 AM	5/5/2021 7:57:00 AM	1-Methylnaphthalene	n/a	<	0.024	µg/L	EPA 8270C	0.024	0.1	WKL	
MO-SIM	2020/21-4	Dry	4/29/2021 8:20:00 AM	5/25/2021 12:43:00 AM	2,4,5-Trichlorophenol	n/a	<	0.29	µg/L	EPA 8270C	0.29	1	WKL	
MO-SIM	2020/21-4	Dry	4/29/2021 8:20:00 AM	5/25/2021 12:43:00 AM	2,4,6-Trichlorophenol	n/a	<	0.3	µg/L	EPA 8270C	0.3	1	WKL	
MO-SIM	2020/21-4	Dry	4/29/2021 8:20:00 AM	5/27/2021 8:08:00 AM	2,4,6-Trichlorophenol	n/a	<	0.22	µg/L	EPA 625.1	0.22	1	WKL	
MO-SIM	2020/21-4	Dry	4/29/2021 8:20:00 AM	5/25/2021 12:43:00 AM	2,4-Dichlorophenol	n/a	<	0.51	µg/L	EPA 8270C	0.51	1	WKL	
MO-SIM	2020/21-4	Dry	4/29/2021 8:20:00 AM	5/27/2021 8:08:00 AM	2,4-Dichlorophenol	n/a	<	0.26	µg/L	EPA 625.1	0.26	1	WKL	
MO-SIM	2020/21-4	Dry	4/29/2021 8:20:00 AM	5/27/2021 8:08:00 AM	2,4-Dimethylphenol	n/a	<	0.3	µg/L	EPA 625.1	0.3	1	WKL	LB-LCSR
MO-SIM	2020/21-4	Dry	4/29/2021 8:20:00 AM	5/25/2021 12:43:00 AM	2,4-Dimethylphenol	n/a	<	1	µg/L	EPA 8270C	1	2	WKL	
MO-SIM	2020/21-4	Dry	4/29/2021 8:20:00 AM	5/25/2021 12:43:00 AM	2,4-Dinitrophenol	n/a	<	1	µg/L	EPA 8270C	1	2	WKL	
MO-SIM	2020/21-4	Dry	4/29/2021 8:20:00 AM	5/27/2021 8:08:00 AM	2,4-Dinitrophenol	n/a	<	1.9	µg/L	EPA 625.1	1.9	10	WKL	
MO-SIM	2020/21-4	Dry	4/29/2021 8:20:00 AM	5/27/2021 8:08:00 AM	2,4-Dinitrotoluene	n/a	<	0.18	µg/L	EPA 625.1	0.18	1	WKL	
MO-SIM	2020/21-4	Dry	4/29/2021 8:20:00 AM	5/27/2021 8:08:00 AM	2,6-Dinitrotoluene	n/a	<	0.27	µg/L	EPA 625.1	0.27	1	WKL	
MO-SIM	2020/21-4	Dry	4/29/2021 8:20:00 AM	5/27/2021 8:08:00 AM	2-Chloronaphthalene	n/a	<	0.45	µg/L	EPA 625.1	0.45	1	WKL	
MO-SIM	2020/21-4	Dry	4/29/2021 8:20:00 AM	5/27/2021 8:08:00 AM	2-Chlorophenol	n/a	<	0.28	µg/L	EPA 625.1	0.28	1	WKL	
MO-SIM	2020/21-4	Dry	4/29/2021 8:20:00 AM	5/25/2021 12:43:00 AM	2-Chlorophenol	n/a	<	0.65	µg/L	EPA 8270C	0.65	1	WKL	
MO-SIM	2020/21-4	Dry	4/29/2021 8:20:00 AM	5/5/2021 7:57:00 AM	2-Methylnaphthalene	n/a	<	0.026	µg/L	EPA 8270C	0.026	0.1	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-SIM	2020/21-4	Dry	4/29/2021 8:20:00 AM	5/25/2021 12:43:00 AM	2-Methylphenol	n/a	<	0.34	µg/L	EPA 8270C	0.34	1	WKL	
MO-SIM	2020/21-4	Dry	4/29/2021 8:20:00 AM	5/25/2021 12:43:00 AM	2-Nitrophenol	n/a	<	0.71	µg/L	EPA 8270C	0.71	1	WKL	
MO-SIM	2020/21-4	Dry	4/29/2021 8:20:00 AM	5/27/2021 8:08:00 AM	2-Nitrophenol	n/a	<	0.26	µg/L	EPA 625.1	0.26	1	WKL	
MO-SIM	2020/21-4	Dry	4/29/2021 8:20:00 AM	5/27/2021 8:08:00 AM	3,3'-Dichlorobenzidine	n/a	<	0.99	µg/L	EPA 625.1	0.99	5	WKL	
MO-SIM	2020/21-4	Dry	4/29/2021 8:20:00 AM	5/25/2021 12:43:00 AM	3-/4-Methylphenol	n/a	<	0.3	µg/L	EPA 8270C	0.3	1	WKL	
MO-SIM	2020/21-4	Dry	4/29/2021 8:20:00 AM	5/27/2021 8:08:00 AM	4,6-Dinitro-2-methylphenol	n/a	<	1.4	µg/L	EPA 625.1	1.4	5	WKL	
MO-SIM	2020/21-4	Dry	4/29/2021 8:20:00 AM	5/25/2021 12:43:00 AM	4,6-Dinitro-2-methylphenol	n/a	<	0.14	µg/L	EPA 8270C	0.14	1	WKL	
MO-SIM	2020/21-4	Dry	4/29/2021 8:20:00 AM	5/27/2021 8:08:00 AM	4-Bromophenyl phenyl ether	n/a	<	0.36	µg/L	EPA 625.1	0.36	1	WKL	
MO-SIM	2020/21-4	Dry	4/29/2021 8:20:00 AM	5/27/2021 8:08:00 AM	4-Chloro-3-methylphenol	n/a	<	0.23	µg/L	EPA 625.1	0.23	1	WKL	
MO-SIM	2020/21-4	Dry	4/29/2021 8:20:00 AM	5/25/2021 12:43:00 AM	4-Chloro-3-methylphenol	n/a	<	0.37	µg/L	EPA 8270C	0.37	1	WKL	
MO-SIM	2020/21-4	Dry	4/29/2021 8:20:00 AM	5/27/2021 8:08:00 AM	4-Chlorophenyl phenyl ether	n/a	<	0.41	µg/L	EPA 625.1	0.41	1	WKL	
MO-SIM	2020/21-4	Dry	4/29/2021 8:20:00 AM	5/27/2021 8:08:00 AM	4-Nitrophenol	n/a	<	1.2	µg/L	EPA 625.1	1.2	5	WKL	
MO-SIM	2020/21-4	Dry	4/29/2021 8:20:00 AM	5/25/2021 12:43:00 AM	4-Nitrophenol	n/a	<	1	µg/L	EPA 8270C	1	2	WKL	
MO-SIM	2020/21-4	Dry	4/29/2021 8:20:00 AM	5/27/2021 8:08:00 AM	Acenaphthene	n/a	<	0.38	µg/L	EPA 625.1	0.38	1	WKL	
MO-SIM	2020/21-4	Dry	4/29/2021 8:20:00 AM	5/5/2021 7:57:00 AM	Acenaphthene	n/a	<	0.028	µg/L	EPA 8270C	0.028	0.1	WKL	
MO-SIM	2020/21-4	Dry	4/29/2021 8:20:00 AM	5/27/2021 8:08:00 AM	Acenaphthylene	n/a	<	0.17	µg/L	EPA 625.1	0.17	1	WKL	
MO-SIM	2020/21-4	Dry	4/29/2021 8:20:00 AM	5/5/2021 7:57:00 AM	Acenaphthylene	n/a	<	0.033	µg/L	EPA 8270C	0.033	0.1	WKL	
MO-SIM	2020/21-4	Dry	4/29/2021 8:20:00 AM	5/27/2021 8:08:00 AM	Anthracene	n/a	<	0.12	µg/L	EPA 625.1	0.12	1	WKL	
MO-SIM	2020/21-4	Dry	4/29/2021 8:20:00 AM	5/5/2021 7:57:00 AM	Anthracene	n/a	<	0.025	µg/L	EPA 8270C	0.025	0.1	WKL	
MO-SIM	2020/21-4	Dry	4/29/2021 8:20:00 AM	5/27/2021 8:08:00 AM	Benz(a)anthracene	n/a	<	0.19	µg/L	EPA 625.1	0.19	1	WKL	
MO-SIM	2020/21-4	Dry	4/29/2021 8:20:00 AM	5/5/2021 7:57:00 AM	Benz(a)anthracene	n/a	<	0.051	µg/L	EPA 8270C	0.051	0.1	WKL	
MO-SIM	2020/21-4	Dry	4/29/2021 8:20:00 AM	5/27/2021 8:08:00 AM	Benzenzidine	n/a	<	1.4	µg/L	EPA 625.1	1.4	10	WKL	
MO-SIM	2020/21-4	Dry	4/29/2021 8:20:00 AM	5/12/2021 6:36:00 AM	Benzo(a)pyrene	n/a	<	0.02	µg/L	EPA 525.2	0.02	0.1	WKL	
MO-SIM	2020/21-4	Dry	4/29/2021 8:20:00 AM	5/27/2021 8:08:00 AM	Benzo(a)pyrene	n/a	<	0.39	µg/L	EPA 625.1	0.39	1	WKL	
MO-SIM	2020/21-4	Dry	4/29/2021 8:20:00 AM	5/5/2021 7:57:00 AM	Benzo(a)pyrene	n/a	<	0.051	µg/L	EPA 8270C	0.051	0.1	WKL	
MO-SIM	2020/21-4	Dry	4/29/2021 8:20:00 AM	5/27/2021 8:08:00 AM	Benzo(b)fluoranthene	n/a	<	0.46	µg/L	EPA 625.1	0.46	1	WKL	
MO-SIM	2020/21-4	Dry	4/29/2021 8:20:00 AM	5/5/2021 7:57:00 AM	Benzo(b)fluoranthene	n/a	<	0.027	µg/L	EPA 8270C	0.027	0.1	WKL	
MO-SIM	2020/21-4	Dry	4/29/2021 8:20:00 AM	5/27/2021 8:08:00 AM	Benzo(g,h,i)perylene	n/a	<	0.42	µg/L	EPA 625.1	0.42	2	WKL	
MO-SIM	2020/21-4	Dry	4/29/2021 8:20:00 AM	5/5/2021 7:57:00 AM	Benzo(g,h,i)perylene	n/a	<	0.05	µg/L	EPA 8270C	0.05	0.1	WKL	
MO-SIM	2020/21-4	Dry	4/29/2021 8:20:00 AM	5/27/2021 8:08:00 AM	Benzo(k)fluoranthene	n/a	<	0.22	µg/L	EPA 625.1	0.22	1	WKL	
MO-SIM	2020/21-4	Dry	4/29/2021 8:20:00 AM	5/5/2021 7:57:00 AM	Benzo(k)fluoranthene	n/a	<	0.026	µg/L	EPA 8270C	0.026	0.1	WKL	
MO-SIM	2020/21-4	Dry	4/29/2021 8:20:00 AM	5/27/2021 8:08:00 AM	Bis(2-chloroethoxy)methane	n/a	<	0.25	µg/L	EPA 625.1	0.25	1	WKL	
MO-SIM	2020/21-4	Dry	4/29/2021 8:20:00 AM	5/27/2021 8:08:00 AM	Bis(2-chloroethyl)ether	n/a	<	0.27	µg/L	EPA 625.1	0.27	1	WKL	
MO-SIM	2020/21-4	Dry	4/29/2021 8:20:00 AM	5/27/2021 8:08:00 AM	Bis(2-chloroisopropyl)ether	n/a	<	0.38	µg/L	EPA 625.1	0.38	1	WKL	
MO-SIM	2020/21-4	Dry	4/29/2021 8:20:00 AM	5/12/2021 6:36:00 AM	Bis(2-ethylhexyl)adipate	n/a	DNQ	0.43	µg/L	EPA 525.2	0.12	5	WKL	UL-MB
MO-SIM	2020/21-4	Dry	4/29/2021 8:20:00 AM	5/12/2021 6:36:00 AM	Bis(2-ethylhexyl)phthalate	n/a	DNQ	0.6	µg/L	EPA 525.2	0.41	3	WKL	UL-MB
MO-SIM	2020/21-4	Dry	4/29/2021 8:20:00 AM	5/27/2021 8:08:00 AM	Bis(2-ethylhexyl)phthalate	n/a	<	2.3	µg/L	EPA 625.1	2.3	5	WKL	
MO-SIM	2020/21-4	Dry	4/29/2021 8:20:00 AM	5/27/2021 8:08:00 AM	Butyl benzyl phthalate	n/a	DNQ	0.4	µg/L	EPA 625.1	0.18	1	WKL	
MO-SIM	2020/21-4	Dry	4/29/2021 8:20:00 AM	5/27/2021 8:08:00 AM	Chrysene	n/a	<	0.19	µg/L	EPA 625.1	0.19	1	WKL	
MO-SIM	2020/21-4	Dry	4/29/2021 8:20:00 AM	5/5/2021 7:57:00 AM	Chrysene	n/a	<	0.032	µg/L	EPA 8270C	0.032	0.1	WKL	
MO-SIM	2020/21-4	Dry	4/29/2021 8:20:00 AM	5/27/2021 8:08:00 AM	Dibenz(a,h)anthracene	n/a	<	0.53	µg/L	EPA 625.1	0.53	2	WKL	
MO-SIM	2020/21-4	Dry	4/29/2021 8:20:00 AM	5/5/2021 7:57:00 AM	Dibenz(a,h)anthracene	n/a	<	0.096	µg/L	EPA 8270C	0.096	0.1	WKL	
MO-SIM	2020/21-4	Dry	4/29/2021 8:20:00 AM	5/27/2021 8:08:00 AM	Diethyl phthalate	n/a	<	0.15	µg/L	EPA 625.1	0.15	1	WKL	
MO-SIM	2020/21-4	Dry	4/29/2021 8:20:00 AM	5/27/2021 8:08:00 AM	Dimethyl phthalate	n/a	<	0.18	µg/L	EPA 625.1	0.18	1	WKL	
MO-SIM	2020/21-4	Dry	4/29/2021 8:20:00 AM	5/27/2021 8:08:00 AM	Di-n-butylphthalate	n/a	DNQ	0.13	µg/L	EPA 625.1	0.1	1	WKL	
MO-SIM	2020/21-4	Dry	4/29/2021 8:20:00 AM	5/27/2021 8:08:00 AM	Di-n-octylphthalate	n/a	<	0.46	µg/L	EPA 625.1	0.46	1	WKL	
MO-SIM	2020/21-4	Dry	4/29/2021 8:20:00 AM	5/27/2021 8:08:00 AM	Fluoranthene	n/a	<	0.08	µg/L	EPA 625.1	0.08	1	WKL	
MO-SIM	2020/21-4	Dry	4/29/2021 8:20:00 AM	5/5/2021 7:57:00 AM	Fluoranthene	n/a	<	0.039	µg/L	EPA 8270C	0.039	0.1	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-SIM	2020/21-4	Dry	4/29/2021 8:20:00 AM	5/27/2021 8:08:00 AM	Fluorene	n/a	<	0.35	µg/L	EPA 625.1	0.35	1	WKL	
MO-SIM	2020/21-4	Dry	4/29/2021 8:20:00 AM	5/5/2021 7:57:00 AM	Fluorene	n/a	<	0.029	µg/L	EPA 8270C	0.029	0.1	WKL	
MO-SIM	2020/21-4	Dry	4/29/2021 8:20:00 AM	5/27/2021 8:08:00 AM	Hexachlorobenzene	n/a	<	0.49	µg/L	EPA 625.1	0.49	1	WKL	
MO-SIM	2020/21-4	Dry	4/29/2021 8:20:00 AM	5/27/2021 8:08:00 AM	Hexachlorobutadiene	n/a	<	0.47	µg/L	EPA 625.1	0.47	1	WKL	
MO-SIM	2020/21-4	Dry	4/29/2021 8:20:00 AM	5/27/2021 8:08:00 AM	Hexachlorocyclopentadiene	n/a	<	0.98	µg/L	EPA 625.1	0.98	5	WKL	
MO-SIM	2020/21-4	Dry	4/29/2021 8:20:00 AM	5/27/2021 8:08:00 AM	Hexachloroethane	n/a	<	0.5	µg/L	EPA 625.1	0.5	1	WKL	
MO-SIM	2020/21-4	Dry	4/29/2021 8:20:00 AM	5/5/2021 7:57:00 AM	Indeno(1,2,3-cd)pyrene	n/a	<	0.065	µg/L	EPA 8270C	0.065	0.1	WKL	
MO-SIM	2020/21-4	Dry	4/29/2021 8:20:00 AM	5/27/2021 8:08:00 AM	Indeno(1,2,3-cd)pyrene	n/a	<	0.55	µg/L	EPA 625.1	0.55	2	WKL	
MO-SIM	2020/21-4	Dry	4/29/2021 8:20:00 AM	5/27/2021 8:08:00 AM	Isophorone	n/a	<	0.21	µg/L	EPA 625.1	0.21	1	WKL	
MO-SIM	2020/21-4	Dry	4/29/2021 8:20:00 AM	5/5/2021 7:57:00 AM	Naphthalene	n/a	<	0.026	µg/L	EPA 8270C	0.026	0.1	WKL	
MO-SIM	2020/21-4	Dry	4/29/2021 8:20:00 AM	5/27/2021 8:08:00 AM	Naphthalene	n/a	<	0.49	µg/L	EPA 625.1	0.49	1	WKL	
MO-SIM	2020/21-4	Dry	4/29/2021 8:20:00 AM	5/27/2021 8:08:00 AM	Nitrobenzene	n/a	<	0.36	µg/L	EPA 625.1	0.36	1	WKL	
MO-SIM	2020/21-4	Dry	4/29/2021 8:20:00 AM	5/27/2021 8:08:00 AM	N-Nitrosodimethylamine	n/a	<	0.5	µg/L	EPA 625.1	0.5	1	WKL	
MO-SIM	2020/21-4	Dry	4/29/2021 8:20:00 AM	5/27/2021 8:08:00 AM	N-Nitrosodi-N-propylamine	n/a	<	0.26	µg/L	EPA 625.1	0.26	1	WKL	
MO-SIM	2020/21-4	Dry	4/29/2021 8:20:00 AM	5/27/2021 8:08:00 AM	N-Nitrosodiphenylamine	n/a	<	0.19	µg/L	EPA 625.1	0.19	1	WKL	
MO-SIM	2020/21-4	Dry	4/29/2021 8:20:00 AM	5/27/2021 8:08:00 AM	Phenanthrene	n/a	<	0.32	µg/L	EPA 625.1	0.32	1	WKL	
MO-SIM	2020/21-4	Dry	4/29/2021 8:20:00 AM	5/5/2021 7:57:00 AM	Phenanthrene	n/a	<	0.029	µg/L	EPA 8270C	0.029	0.1	WKL	
MO-SIM	2020/21-4	Dry	4/29/2021 8:20:00 AM	5/27/2021 8:08:00 AM	Phenol	n/a	<	0.16	µg/L	EPA 625.1	0.16	1	WKL	
MO-SIM	2020/21-4	Dry	4/29/2021 8:20:00 AM	5/25/2021 12:43:00 AM	Phenol	n/a	<	0.35	µg/L	EPA 8270C	0.35	1	WKL	
MO-SIM	2020/21-4	Dry	4/29/2021 8:20:00 AM	5/5/2021 7:57:00 AM	Pyrene	n/a	<	0.04	µg/L	EPA 8270C	0.04	0.1	WKL	
MO-SIM	2020/21-4	Dry	4/29/2021 8:20:00 AM	5/27/2021 8:08:00 AM	Pyrene	n/a	<	0.25	µg/L	EPA 625.1	0.25	1	WKL	
MO-SIM	2020/21-4	Dry	4/29/2021 8:20:00 AM	5/7/2021 10:02:00 PM	PCB Aroclor 1016	n/a	<	0.14	µg/L	EPA 608.3	0.14	2.5	WKL	
MO-SIM	2020/21-4	Dry	4/29/2021 8:20:00 AM	5/7/2021 10:02:00 PM	PCB Aroclor 1221	n/a	<	0.3	µg/L	EPA 608.3	0.3	2.5	WKL	
MO-SIM	2020/21-4	Dry	4/29/2021 8:20:00 AM	5/7/2021 10:02:00 PM	PCB Aroclor 1232	n/a	<	0.5	µg/L	EPA 608.3	0.5	2.5	WKL	
MO-SIM	2020/21-4	Dry	4/29/2021 8:20:00 AM	5/7/2021 10:02:00 PM	PCB Aroclor 1242	n/a	<	0.35	µg/L	EPA 608.3	0.35	2.5	WKL	
MO-SIM	2020/21-4	Dry	4/29/2021 8:20:00 AM	5/7/2021 10:02:00 PM	PCB Aroclor 1248	n/a	<	0.3	µg/L	EPA 608.3	0.3	2.5	WKL	
MO-SIM	2020/21-4	Dry	4/29/2021 8:20:00 AM	5/7/2021 10:02:00 PM	PCB Aroclor 1254	n/a	<	0.2	µg/L	EPA 608.3	0.2	2.5	WKL	
MO-SIM	2020/21-4	Dry	4/29/2021 8:20:00 AM	5/7/2021 10:02:00 PM	PCB Aroclor 1260	n/a	<	0.28	µg/L	EPA 608.3	0.28	2.5	WKL	
MO-SIM	2020/21-4	Dry	4/29/2021 8:20:00 AM	5/5/2021 10:09:00 AM	2,4,5-T	n/a	<	0.28	µg/L	EPA 515.4	0.28	1	WKL	
MO-SIM	2020/21-4	Dry	4/29/2021 8:20:00 AM	5/5/2021 10:09:00 AM	2,4,5-TP	n/a	<	0.23	µg/L	EPA 515.4	0.23	1	WKL	
MO-SIM	2020/21-4	Dry	4/29/2021 8:20:00 AM	5/5/2021 10:09:00 AM	2,4-D	n/a	<	0.7	µg/L	EPA 515.4	0.7	2	WKL	
MO-SIM	2020/21-4	Dry	4/29/2021 8:20:00 AM	5/5/2021 10:09:00 AM	2,4-DB	n/a	<	0.95	µg/L	EPA 515.4	0.95	10	WKL	
MO-SIM	2020/21-4	Dry	4/29/2021 8:20:00 AM	5/5/2021 10:09:00 AM	3,5-Dichlorobenzoic acid	n/a	<	0.6	µg/L	EPA 515.4	0.6	5	WKL	
MO-SIM	2020/21-4	Dry	4/29/2021 8:20:00 AM	5/7/2021 10:02:00 PM	4,4'-DDD	n/a	<	0.0035	µg/L	EPA 608.3	0.0035	0.25	WKL	
MO-SIM	2020/21-4	Dry	4/29/2021 8:20:00 AM	5/7/2021 10:02:00 PM	4,4'-DDE	n/a	<	0.0035	µg/L	EPA 608.3	0.0035	0.25	WKL	
MO-SIM	2020/21-4	Dry	4/29/2021 8:20:00 AM	5/7/2021 10:02:00 PM	4,4'-DDT	n/a	<	0.0055	µg/L	EPA 608.3	0.0055	0.05	WKL	
MO-SIM	2020/21-4	Dry	4/29/2021 8:20:00 AM	5/5/2021 10:09:00 AM	Acifluorfen	n/a	<	0.36	µg/L	EPA 515.4	0.36	2	WKL	
MO-SIM	2020/21-4	Dry	4/29/2021 8:20:00 AM	5/12/2021 6:36:00 AM	Alachlor	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1	WKL	
MO-SIM	2020/21-4	Dry	4/29/2021 8:20:00 AM	5/7/2021 10:02:00 PM	Aldrin	n/a	<	0.005	µg/L	EPA 608.3	0.005	0.025	WKL	
MO-SIM	2020/21-4	Dry	4/29/2021 8:20:00 AM	5/7/2021 10:02:00 PM	alpha-BHC	n/a	<	0.0055	µg/L	EPA 608.3	0.0055	0.05	WKL	
MO-SIM	2020/21-4	Dry	4/29/2021 8:20:00 AM	5/7/2021 10:02:00 PM	alpha-Chlordane	n/a	<	0.014	µg/L	EPA 608.3	0.014	0.05	WKL	
MO-SIM	2020/21-4	Dry	4/29/2021 8:20:00 AM	5/12/2021 6:36:00 AM	Atrazine	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1	WKL	
MO-SIM	2020/21-4	Dry	4/29/2021 8:20:00 AM	5/5/2021 3:34:00 PM	Azinphos methyl	n/a	<	0.0055	µg/L	EPA 625.1m	0.0055	0.01	WKL	
MO-SIM	2020/21-4	Dry	4/29/2021 8:20:00 AM	5/5/2021 10:09:00 AM	Bentazon	n/a	<	1.2	µg/L	EPA 515.4	1.2	10	WKL	
MO-SIM	2020/21-4	Dry	4/29/2021 8:20:00 AM	5/7/2021 10:02:00 PM	beta-BHC	n/a	<	0.0075	µg/L	EPA 608.3	0.0075	0.025	WKL	
MO-SIM	2020/21-4	Dry	4/29/2021 8:20:00 AM	5/5/2021 3:34:00 PM	Bolstar	n/a	<	0.0046	µg/L	EPA 625.1m	0.0046	0.01	WKL	
MO-SIM	2020/21-4	Dry	4/29/2021 8:20:00 AM	5/12/2021 6:36:00 AM	Bromacil	n/a	<	0.16	µg/L	EPA 525.2	0.16	0.5	WKL	
MO-SIM	2020/21-4	Dry	4/29/2021 8:20:00 AM	5/12/2021 6:36:00 AM	Butachlor	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-SIM	2020/21-4	Dry	4/29/2021 8:20:00 AM	5/12/2021 6:36:00 AM	Captan	n/a	<	0.16	µg/L	EPA 525.2	0.16	1	WKL	
MO-SIM	2020/21-4	Dry	4/29/2021 8:20:00 AM	5/7/2021 10:02:00 PM	Chlordane (technical)	n/a	<	0.22	µg/L	EPA 608.3	0.22	0.5	WKL	
MO-SIM	2020/21-4	Dry	4/29/2021 8:20:00 AM	5/12/2021 6:36:00 AM	Chlorpropham	n/a	<	0.04	µg/L	EPA 525.2	0.04	0.1	WKL	
MO-SIM	2020/21-4	Dry	4/29/2021 8:20:00 AM	5/5/2021 3:34:00 PM	Chlorpyrifos	n/a	<	0.0069	µg/L	EPA 625.1m	0.0069	0.01	WKL	
MO-SIM	2020/21-4	Dry	4/29/2021 8:20:00 AM	5/5/2021 3:34:00 PM	Coumaphos	n/a	<	0.0051	µg/L	EPA 625.1m	0.0051	0.01	WKL	
MO-SIM	2020/21-4	Dry	4/29/2021 8:20:00 AM	5/12/2021 6:36:00 AM	Cyanazine	n/a	<	0.04	µg/L	EPA 525.2	0.04	0.1	WKL	
MO-SIM	2020/21-4	Dry	4/29/2021 8:20:00 AM	5/5/2021 10:09:00 AM	Dalapon	n/a	<	0.55	µg/L	EPA 515.4	0.55	2	WKL	
MO-SIM	2020/21-4	Dry	4/29/2021 8:20:00 AM	5/5/2021 10:09:00 AM	DCPA (Dacthal)	n/a	<	0.26	µg/L	EPA 515.4	0.26	0.5	WKL	
MO-SIM	2020/21-4	Dry	4/29/2021 8:20:00 AM	5/7/2021 10:02:00 PM	delta-BHC	n/a	<	0.0095	µg/L	EPA 608.3	0.0095	0.025	WKL	
MO-SIM	2020/21-4	Dry	4/29/2021 8:20:00 AM	5/5/2021 3:34:00 PM	Demeton-O	n/a	<	0.01	µg/L	EPA 625.1m	0.01	0.01	WKL	
MO-SIM	2020/21-4	Dry	4/29/2021 8:20:00 AM	5/5/2021 3:34:00 PM	Demeton-S	n/a	<	0.01	µg/L	EPA 625.1m	0.01	0.01	WKL	
MO-SIM	2020/21-4	Dry	4/29/2021 8:20:00 AM	5/5/2021 3:34:00 PM	Diazinon	n/a	<	0.0052	µg/L	EPA 625.1m	0.0052	0.01	WKL	
MO-SIM	2020/21-4	Dry	4/29/2021 8:20:00 AM	5/12/2021 6:36:00 AM	Diazinon	n/a	<	0.05	µg/L	EPA 525.2	0.05	0.1	WKL	
MO-SIM	2020/21-4	Dry	4/29/2021 8:20:00 AM	5/5/2021 10:09:00 AM	Dicamba	n/a	<	0.38	µg/L	EPA 515.4	0.38	3	WKL	
MO-SIM	2020/21-4	Dry	4/29/2021 8:20:00 AM	5/5/2021 10:09:00 AM	Dichlorprop	n/a	<	0.6	µg/L	EPA 515.4	0.6	1.5	WKL	
MO-SIM	2020/21-4	Dry	4/29/2021 8:20:00 AM	5/5/2021 3:34:00 PM	Dichlorvos	n/a	<	0.0029	µg/L	EPA 625.1m	0.0029	0.01	WKL	
MO-SIM	2020/21-4	Dry	4/29/2021 8:20:00 AM	5/7/2021 10:02:00 PM	Dieldrin	n/a	<	0.004	µg/L	EPA 608.3	0.004	0.05	WKL	
MO-SIM	2020/21-4	Dry	4/29/2021 8:20:00 AM	5/12/2021 6:36:00 AM	Dimethoate	n/a	<	0.02	µg/L	EPA 525.2	0.02	0.2	WKL	
MO-SIM	2020/21-4	Dry	4/29/2021 8:20:00 AM	5/5/2021 3:34:00 PM	Dimethoate	n/a	<	0.0062	µg/L	EPA 625.1m	0.0062	0.01	WKL	
MO-SIM	2020/21-4	Dry	4/29/2021 8:20:00 AM	5/5/2021 10:09:00 AM	Dinoseb	n/a	<	0.28	µg/L	EPA 515.4	0.28	2	WKL	
MO-SIM	2020/21-4	Dry	4/29/2021 8:20:00 AM	5/12/2021 6:36:00 AM	Diphenamid	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1	WKL	
MO-SIM	2020/21-4	Dry	4/29/2021 8:20:00 AM	5/12/2021 6:36:00 AM	Disulfoton	n/a	<	0.04	µg/L	EPA 525.2	0.04	0.1	WKL	
MO-SIM	2020/21-4	Dry	4/29/2021 8:20:00 AM	5/5/2021 3:34:00 PM	Disulfoton	n/a	<	0.01	µg/L	EPA 625.1m	0.01	0.01	WKL	
MO-SIM	2020/21-4	Dry	4/29/2021 8:20:00 AM	5/7/2021 10:02:00 PM	Endosulfan I	n/a	<	0.0045	µg/L	EPA 608.3	0.0045	0.1	WKL	
MO-SIM	2020/21-4	Dry	4/29/2021 8:20:00 AM	5/7/2021 10:02:00 PM	Endosulfan II	n/a	<	0.0035	µg/L	EPA 608.3	0.0035	0.05	WKL	
MO-SIM	2020/21-4	Dry	4/29/2021 8:20:00 AM	5/7/2021 10:02:00 PM	Endosulfan sulfate	n/a	<	0.0065	µg/L	EPA 608.3	0.0065	0.25	WKL	
MO-SIM	2020/21-4	Dry	4/29/2021 8:20:00 AM	5/7/2021 10:02:00 PM	Endrin	n/a	<	0.0085	µg/L	EPA 608.3	0.0085	0.05	WKL	
MO-SIM	2020/21-4	Dry	4/29/2021 8:20:00 AM	5/7/2021 10:02:00 PM	Endrin aldehyde	n/a	<	0.0095	µg/L	EPA 608.3	0.0095	0.05	WKL	
MO-SIM	2020/21-4	Dry	4/29/2021 8:20:00 AM	5/12/2021 6:36:00 AM	EPTC	n/a	<	0.02	µg/L	EPA 525.2	0.02	0.1	WKL	
MO-SIM	2020/21-4	Dry	4/29/2021 8:20:00 AM	5/5/2021 3:34:00 PM	Ethoprop	n/a	<	0.0067	µg/L	EPA 625.1m	0.0067	0.01	WKL	
MO-SIM	2020/21-4	Dry	4/29/2021 8:20:00 AM	5/5/2021 3:34:00 PM	Ethyl parathion	n/a	<	0.0054	µg/L	EPA 625.1m	0.0054	0.01	WKL	
MO-SIM	2020/21-4	Dry	4/29/2021 8:20:00 AM	5/5/2021 3:34:00 PM	Fensulfothion	n/a	<	0.0029	µg/L	EPA 625.1m	0.0029	0.01	WKL	
MO-SIM	2020/21-4	Dry	4/29/2021 8:20:00 AM	5/5/2021 3:34:00 PM	Fenthion	n/a	<	0.0038	µg/L	EPA 625.1m	0.0038	0.01	WKL	
MO-SIM	2020/21-4	Dry	4/29/2021 8:20:00 AM	5/7/2021 10:02:00 PM	gamma-BHC (Lindane)	n/a	<	0.002	µg/L	EPA 608.3	0.002	0.1	WKL	
MO-SIM	2020/21-4	Dry	4/29/2021 8:20:00 AM	5/7/2021 10:02:00 PM	gamma-Chlordane	n/a	<	0.012	µg/L	EPA 608.3	0.012	0.05	WKL	
MO-SIM	2020/21-4	Dry	4/29/2021 8:20:00 AM	5/4/2021 12:45:00 AM	Glyphosate	n/a	<	1.8	µg/L	EPA 547	1.8	5	WKL	
MO-SIM	2020/21-4	Dry	4/29/2021 8:20:00 AM	5/7/2021 10:02:00 PM	Heptachlor	n/a	<	0.003	µg/L	EPA 608.3	0.003	0.05	WKL	
MO-SIM	2020/21-4	Dry	4/29/2021 8:20:00 AM	5/7/2021 10:02:00 PM	Heptachlor epoxide	n/a	<	0.002	µg/L	EPA 608.3	0.002	0.05	WKL	
MO-SIM	2020/21-4	Dry	4/29/2021 8:20:00 AM	5/5/2021 3:34:00 PM	Malathion	n/a	<	0.0076	µg/L	EPA 625.1m	0.0076	0.01	WKL	
MO-SIM	2020/21-4	Dry	4/29/2021 8:20:00 AM	5/5/2021 3:34:00 PM	Merphos	n/a	<	0.0058	µg/L	EPA 625.1m	0.0058	0.01	WKL	
MO-SIM	2020/21-4	Dry	4/29/2021 8:20:00 AM	5/5/2021 3:34:00 PM	Methyl parathion	n/a	<	0.0063	µg/L	EPA 625.1m	0.0063	0.01	WKL	
MO-SIM	2020/21-4	Dry	4/29/2021 8:20:00 AM	5/12/2021 6:36:00 AM	Metolachlor	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1	WKL	
MO-SIM	2020/21-4	Dry	4/29/2021 8:20:00 AM	5/12/2021 6:36:00 AM	Metribuzin	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1	WKL	
MO-SIM	2020/21-4	Dry	4/29/2021 8:20:00 AM	5/5/2021 3:34:00 PM	Mevinphos	n/a	<	0.0042	µg/L	EPA 625.1m	0.0042	0.01	WKL	
MO-SIM	2020/21-4	Dry	4/29/2021 8:20:00 AM	5/12/2021 6:36:00 AM	Molinate	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1	WKL	
MO-SIM	2020/21-4	Dry	4/29/2021 8:20:00 AM	5/5/2021 3:34:00 PM	Naled	n/a	<	0.0076	µg/L	EPA 625.1m	0.0076	0.01	WKL	
MO-SIM	2020/21-4	Dry	4/29/2021 8:20:00 AM	5/27/2021 8:08:00 AM	Pentachlorophenol	n/a	<	0.4	µg/L	EPA 625.1	0.4	1	WKL	
MO-SIM	2020/21-4	Dry	4/29/2021 8:20:00 AM	5/5/2021 10:09:00 AM	Pentachlorophenol	n/a	<	0.23	µg/L	EPA 515.4	0.23	1	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-SIM	2020/21-4	Dry	4/29/2021 8:20:00 AM	5/25/2021 12:43:00 AM	Pentachlorophenol	n/a	<	0.15	µg/L	EPA 8270C	0.15	1	WKL	
MO-SIM	2020/21-4	Dry	4/29/2021 8:20:00 AM	5/5/2021 3:34:00 PM	Phorate	n/a	<	0.003	µg/L	EPA 625.1m	0.003	0.01	WKL	
MO-SIM	2020/21-4	Dry	4/29/2021 8:20:00 AM	5/5/2021 10:09:00 AM	Picloram	n/a	<	0.19	µg/L	EPA 515.4	0.19	3	WKL	
MO-SIM	2020/21-4	Dry	4/29/2021 8:20:00 AM	5/12/2021 6:36:00 AM	Prometon	n/a	<	0.01	µg/L	EPA 525.2	0.01	0.1	WKL	
MO-SIM	2020/21-4	Dry	4/29/2021 8:20:00 AM	5/12/2021 6:36:00 AM	Prometryn	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1	WKL	
MO-SIM	2020/21-4	Dry	4/29/2021 8:20:00 AM	5/5/2021 3:34:00 PM	Ronnel (Fenclorophos)	n/a	<	0.0041	µg/L	EPA 625.1m	0.0041	0.01	WKL	
MO-SIM	2020/21-4	Dry	4/29/2021 8:20:00 AM	5/12/2021 6:36:00 AM	Simazine	n/a	<	0.02	µg/L	EPA 525.2	0.02	0.1	WKL	
MO-SIM	2020/21-4	Dry	4/29/2021 8:20:00 AM	5/5/2021 3:34:00 PM	Stirophos (Tetrachlorvinphos)	n/a	<	0.0031	µg/L	EPA 625.1m	0.0031	0.01	WKL	
MO-SIM	2020/21-4	Dry	4/29/2021 8:20:00 AM	5/12/2021 6:36:00 AM	Terbacil	n/a	<	0.09	µg/L	EPA 525.2	0.09	2	WKL	
MO-SIM	2020/21-4	Dry	4/29/2021 8:20:00 AM	5/12/2021 6:36:00 AM	Thiobencarb	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1	WKL	
MO-SIM	2020/21-4	Dry	4/29/2021 8:20:00 AM	5/5/2021 3:34:00 PM	Tokuthion	n/a	<	0.0078	µg/L	EPA 625.1m	0.0078	0.01	WKL	
MO-SIM	2020/21-4	Dry	4/29/2021 8:20:00 AM	5/7/2021 10:02:00 PM	Toxaphene	n/a	<	0.42	µg/L	EPA 608.3	0.42	2.5	WKL	
MO-SIM	2020/21-4	Dry	4/29/2021 8:20:00 AM	5/5/2021 3:34:00 PM	Trichloronate	n/a	<	0.0067	µg/L	EPA 625.1m	0.0067	0.01	WKL	
MO-SIM	2020/21-4	Dry	4/29/2021 8:20:00 AM	5/12/2021 6:36:00 AM	Trithion	n/a	<	0.02	µg/L	EPA 525.2	0.02	0.1	WKL	
MO-SIM	2021-DRY	Dry	8/11/2021 9:00:00 AM	8/12/2021 12:00:00 PM	E. Coli	n/a	=	197	MPN/100 mL	MMO-MUG	10	10	FGL	
MO-SIM	2021-DRY	Dry	8/11/2021 9:00:00 AM	8/12/2021 12:00:00 PM	Total Coliform	n/a	=	54750	MPN/100 mL	MMO-MUG	100	100	FGL	
MO-SIM	2021-DRY	Dry	8/11/2021 9:00:00 AM	8/24/2021 10:33:00 AM	Calcium	Total	=	340	mg/L	EPA 200.7	0.32	1	WKL	
MO-SIM	2021-DRY	Dry	8/11/2021 9:00:00 AM	8/23/2021 9:58:00 PM	Magnesium	Total	=	119	mg/L	EPA 200.7	0.039	0.5	WKL	
MO-SIM	2021-DRY	Dry	8/11/2021 9:00:00 AM	8/11/2021 9:00:00 AM	Conductivity	n/a	=	2726	µmhos/cm	Field Meter	-88	1	Field Crew	
MO-SIM	2021-DRY	Dry	8/11/2021 9:00:00 AM	8/11/2021 9:00:00 AM	Discharge	n/a	=	0.64	cfs	Field Estimate	-88	-88	Field Crew	EST
MO-SIM	2021-DRY	Dry	8/11/2021 9:00:00 AM	8/11/2021 9:00:00 AM	DO	n/a	=	103.5	%	Field Meter	-88	0.1	Field Crew	
MO-SIM	2021-DRY	Dry	8/11/2021 9:00:00 AM	8/11/2021 9:00:00 AM	DO	n/a	=	9.15	mg/L	Field Meter	-88	0.3	Field Crew	
MO-SIM	2021-DRY	Dry	8/11/2021 9:00:00 AM	8/24/2021 10:33:00 AM	Hardness as CaCO3	Total	=	1340	mg/L	EPA 200.7	0.96	4.56	WKL	
MO-SIM	2021-DRY	Dry	8/11/2021 9:00:00 AM	8/11/2021 9:00:00 AM	pH	n/a	=	7.9	pH Units	Field Meter	-88	0.01	Field Crew	
MO-SIM	2021-DRY	Dry	8/11/2021 9:00:00 AM	8/11/2021 9:00:00 AM	Salinity	n/a	=	1500	mg/L	Field Meter	-88	100	Field Crew	
MO-SIM	2021-DRY	Dry	8/11/2021 9:00:00 AM	8/11/2021 9:00:00 AM	Specific Conductance	n/a	=	2943	µmhos/cm	Field Meter	-88	1	Field Crew	
MO-SIM	2021-DRY	Dry	8/11/2021 9:00:00 AM	8/11/2021 9:00:00 AM	Temperature	n/a	=	21.1	°C	Field Meter	-88	0.1	Field Crew	
MO-SIM	2021-DRY	Dry	8/11/2021 9:00:00 AM	9/2/2021 7:08:00 PM	Total Organic Carbon	n/a	=	3.6	mg/L	SM 5310 B	0.19	0.3	WKL	
MO-SIM	2021-DRY	Dry	8/11/2021 9:00:00 AM	8/11/2021 9:00:00 AM	Turbidity	n/a	=	1.45	NTU	Field Meter	-88	0.01	Field Crew	
MO-SIM	2021-DRY	Dry	8/11/2021 9:00:00 AM	8/26/2021 6:40:00 PM	Copper	Dissolved	DNQ	0.43	µg/L	EPA 200.8	0.23	0.5	WKL	
MO-SIM	2021-DRY	Dry	8/11/2021 9:00:00 AM	8/26/2021 6:40:00 PM	Lead	Dissolved	<	0.083	µg/L	EPA 200.8	0.083	0.2	WKL	
MO-SIM	2021-DRY	Dry	8/11/2021 9:00:00 AM	8/26/2021 6:40:00 PM	Zinc	Dissolved	DNQ	0.87	µg/L	EPA 200.8	0.8	10	WKL	UL-MB
MO-SPA	2020/21-1	Wet	12/28/2020 4:45:00 AM	12/29/2020 11:50:00 AM	E. Coli	n/a	=	2851	MPN/100 mL	MMO-MUG	10	10	VCHCA	
MO-SPA	2020/21-1	Wet	12/28/2020 4:45:00 AM	12/29/2020 11:50:00 AM	Total Coliform	n/a	=	9340	MPN/100 mL	MMO-MUG	100	100	VCHCA	
MO-SPA	2020/21-1	Wet	12/28/2020 4:45:00 AM	12/28/2020 4:45:00 AM	Conductivity	n/a	=	85.2	µmhos/cm	Field Meter	-88	1	Field Crew	
MO-SPA	2020/21-1	Wet	12/28/2020 4:45:00 AM	1/5/2021 3:44:00 PM	Cyanide	Total	=	0.0043	mg/L	ASTM D7511	0.0003	0.002	WKL	
MO-SPA	2020/21-1	Wet	12/28/2020 4:45:00 AM	12/28/2020 4:45:00 AM	DO	n/a	=	97.1	%	Field Meter	-88	0.1	Field Crew	
MO-SPA	2020/21-1	Wet	12/28/2020 4:45:00 AM	12/28/2020 4:45:00 AM	DO	n/a	=	10.66	mg/L	Field Meter	-88	0.3	Field Crew	
MO-SPA	2020/21-1	Wet	12/28/2020 4:45:00 AM	12/28/2020 4:45:00 AM	pH	n/a	=	7.41	pH Units	Field Meter	-88	0.01	Field Crew	
MO-SPA	2020/21-1	Wet	12/28/2020 4:45:00 AM	12/28/2020 4:45:00 AM	Salinity	n/a	=	100	mg/L	Field Meter	-88	100	Field Crew	
MO-SPA	2020/21-1	Wet	12/28/2020 4:45:00 AM	12/28/2020 4:45:00 AM	Specific Conductance	n/a	=	118.5	µmhos/cm	Field Meter	-88	1	Field Crew	
MO-SPA	2020/21-1	Wet	12/28/2020 4:45:00 AM	12/28/2020 4:45:00 AM	Temperature	n/a	=	10.5	°C	Field Meter	-88	0.1	Field Crew	
MO-SPA	2020/21-1	Wet	12/28/2020 4:45:00 AM	1/3/2021 9:41:00 PM	Gasoline Range Organics	n/a	<	0.065	mg/L	LUFT GC/MS	0.065	0.1	WKL	
MO-SPA	2020/21-1	Wet	12/28/2020 4:45:00 AM	1/15/2021 5:19:00 PM	Oil and Grease	n/a	DNQ	2.2	mg/L	EPA 1664B	0.7	5	WKL	
MO-SPA	2020/21-1	Wet	12/28/2020 4:45:00 AM	12/29/2020 6:53:00 PM	2-Chloroethyl vinyl ether	n/a	<	0.19	µg/L	EPA 624.1	0.19	1	WKL	
MO-SPA	2020/21-1	Wet	12/28/2020 4:45:00 AM	12/29/2020 6:53:00 PM	Methyl tert-butyl ether (MTBE)	n/a	<	0.4	µg/L	EPA 624.1	0.4	1	WKL	
MO-SPA	2020/21-1	Wet	12/28/2020 12:09:00 PM	12/30/2020 3:39:00 AM	Chloride	n/a	=	12	mg/L	EPA 300.0	0.085	0.5	WKL	
MO-SPA	2020/21-1	Wet	12/28/2020 12:09:00 PM	12/30/2020 3:39:00 AM	Fluoride	n/a	=	0.16	mg/L	EPA 300.0	0.009	0.1	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-SPA	2020/21-1	Wet	12/28/2020 12:09:00 PM	12/30/2020 11:51:00 PM	Perchlorate	n/a	=	4.2	µg/L	EPA 314.0	0.84	2	WKL	
MO-SPA	2020/21-1	Wet	12/28/2020 12:09:00 PM	1/2/2021 1:02:00 PM	Calcium	Total	=	22.7	mg/L	EPA 200.7	0.016	0.1	WKL	
MO-SPA	2020/21-1	Wet	12/28/2020 12:09:00 PM	1/2/2021 1:02:00 PM	Magnesium	Total	=	5.57	mg/L	EPA 200.7	0.012	0.1	WKL	
MO-SPA	2020/21-1	Wet	12/28/2020 12:09:00 PM	1/4/2021 12:42:00 PM	Alkalinity as CaCO3	n/a	=	51	mg/L	SM 2320 B	0.56	5	WKL	
MO-SPA	2020/21-1	Wet	12/28/2020 12:09:00 PM	1/3/2021 12:21:00 PM	BOD	n/a	=	57	mg/L	SM 5210 B	2	2	WKL	
MO-SPA	2020/21-1	Wet	12/28/2020 12:09:00 PM	12/30/2020 12:30:00 PM	COD	n/a	=	250	mg/L	EPA 410.4	2.9	5	WKL	
MO-SPA	2020/21-1	Wet	12/28/2020 12:09:00 PM	1/2/2021 1:02:00 PM	Hardness as CaCO3	Total	=	79.6	mg/L	EPA 200.7	0.0894	0.662	WKL	
MO-SPA	2020/21-1	Wet	12/28/2020 12:09:00 PM	12/29/2020 3:18:00 PM	MBAS	n/a	=	0.32	mg/L	SM 5540 C	0.017	0.05	WKL	
MO-SPA	2020/21-1	Wet	12/28/2020 12:09:00 PM	1/8/2021 11:45:00 AM	Phenolics	n/a	=	0.012	mg/L	EPA 420.4	0.0032	0.01	WKL	
MO-SPA	2020/21-1	Wet	12/28/2020 12:09:00 PM	1/5/2021 12:49:00 PM	Specific Conductance	n/a	=	240	µmhos/cm	SM 2510 B	0.23	2	WKL	
MO-SPA	2020/21-1	Wet	12/28/2020 12:09:00 PM	12/30/2020 6:44:00 PM	Total Dissolved Solids	n/a	=	210	mg/L	SM 2540 C	4	10	WKL	
MO-SPA	2020/21-1	Wet	12/28/2020 12:09:00 PM	12/30/2020 2:24:00 PM	Total Organic Carbon	n/a	=	62	mg/L	SM 5310 B	0.096	0.3	WKL	
MO-SPA	2020/21-1	Wet	12/28/2020 12:09:00 PM	12/30/2020 12:43:00 PM	Total Suspended Solids	n/a	=	250	mg/L	SM 2540 D	-88	5	WKL	
MO-SPA	2020/21-1	Wet	12/28/2020 12:09:00 PM	12/29/2020 3:35:00 PM	Turbidity	n/a	=	38	NTU	EPA 180.1	0.017	0.1	WKL	
MO-SPA	2020/21-1	Wet	12/28/2020 12:09:00 PM	12/30/2020 12:43:00 PM	Volatile Suspended Solids	n/a	=	82	mg/L	EPA 160.4	3.1	5	WKL	
MO-SPA	2020/21-1	Wet	12/28/2020 12:09:00 PM	1/11/2021 11:30:00 PM	Diesel Range Organics	n/a	=	0.12	mg/L	EPA 8015B	0.032	0.1	WKL	UL-MB
MO-SPA	2020/21-1	Wet	12/28/2020 12:09:00 PM	1/11/2021 11:30:00 PM	Oil Range Organics	n/a	<	0.33	mg/L	EPA 8015B	0.33	0.5	WKL	
MO-SPA	2020/21-1	Wet	12/28/2020 12:09:00 PM	1/4/2021 12:49:00 PM	Aluminum	Dissolved	=	49	µg/L	EPA 200.8	4.4	20	WKL	
MO-SPA	2020/21-1	Wet	12/28/2020 12:09:00 PM	1/4/2021 1:11:00 PM	Aluminum	Total	=	3600	µg/L	EPA 200.8	4.4	20	WKL	
MO-SPA	2020/21-1	Wet	12/28/2020 12:09:00 PM	1/4/2021 1:08:00 PM	Antimony	Dissolved	=	0.9	µg/L	EPA 200.8	0.089	0.5	WKL	
MO-SPA	2020/21-1	Wet	12/28/2020 12:09:00 PM	1/4/2021 1:11:00 PM	Antimony	Total	=	1.8	µg/L	EPA 200.8	0.089	0.5	WKL	
MO-SPA	2020/21-1	Wet	12/28/2020 12:09:00 PM	1/4/2021 1:08:00 PM	Arsenic	Dissolved	=	1.2	µg/L	EPA 200.8	0.074	0.4	WKL	
MO-SPA	2020/21-1	Wet	12/28/2020 12:09:00 PM	1/4/2021 1:11:00 PM	Arsenic	Total	=	2.8	µg/L	EPA 200.8	0.074	0.4	WKL	
MO-SPA	2020/21-1	Wet	12/28/2020 12:09:00 PM	1/4/2021 1:11:00 PM	Barium	Total	=	90	µg/L	EPA 200.8	0.14	1	WKL	
MO-SPA	2020/21-1	Wet	12/28/2020 12:09:00 PM	1/4/2021 1:08:00 PM	Beryllium	Dissolved	<	0.062	µg/L	EPA 200.8	0.062	0.1	WKL	
MO-SPA	2020/21-1	Wet	12/28/2020 12:09:00 PM	1/4/2021 1:11:00 PM	Beryllium	Total	=	0.17	µg/L	EPA 200.8	0.062	0.1	WKL	
MO-SPA	2020/21-1	Wet	12/28/2020 12:09:00 PM	1/4/2021 1:08:00 PM	Cadmium	Dissolved	=	0.21	µg/L	EPA 200.8	0.042	0.2	WKL	
MO-SPA	2020/21-1	Wet	12/28/2020 12:09:00 PM	1/4/2021 1:11:00 PM	Cadmium	Total	=	0.65	µg/L	EPA 200.8	0.042	0.2	WKL	
MO-SPA	2020/21-1	Wet	12/28/2020 12:09:00 PM	1/4/2021 1:08:00 PM	Chromium	Dissolved	=	1.5	µg/L	EPA 200.8	0.089	0.2	WKL	
MO-SPA	2020/21-1	Wet	12/28/2020 12:09:00 PM	1/4/2021 1:11:00 PM	Chromium	Total	=	9.1	µg/L	EPA 200.8	0.089	0.2	WKL	
MO-SPA	2020/21-1	Wet	12/28/2020 12:09:00 PM	12/30/2020 4:32:00 PM	Chromium VI	n/a	=	0.54	µg/L	EPA 218.6	0.0079	0.02	WKL	
MO-SPA	2020/21-1	Wet	12/28/2020 12:09:00 PM	1/4/2021 1:08:00 PM	Copper	Dissolved	=	23	µg/L	EPA 200.8	0.23	0.5	WKL	
MO-SPA	2020/21-1	Wet	12/28/2020 12:09:00 PM	1/4/2021 1:11:00 PM	Copper	Total	=	45	µg/L	EPA 200.8	0.23	0.5	WKL	
MO-SPA	2020/21-1	Wet	12/28/2020 12:09:00 PM	1/4/2021 1:08:00 PM	Iron	Dissolved	=	100	µg/L	EPA 200.8	3.9	20	WKL	
MO-SPA	2020/21-1	Wet	12/28/2020 12:09:00 PM	1/4/2021 1:11:00 PM	Iron	Total	=	6100	µg/L	EPA 200.8	3.9	20	WKL	
MO-SPA	2020/21-1	Wet	12/28/2020 12:09:00 PM	1/4/2021 1:08:00 PM	Lead	Dissolved	=	1.5	µg/L	EPA 200.8	0.083	0.2	WKL	
MO-SPA	2020/21-1	Wet	12/28/2020 12:09:00 PM	1/4/2021 1:11:00 PM	Lead	Total	=	20	µg/L	EPA 200.8	0.083	0.2	WKL	
MO-SPA	2020/21-1	Wet	12/28/2020 12:09:00 PM	1/5/2021 2:26:00 PM	Mercury	Dissolved	<	17	ng/L	EPA 245.1	17	50	WKL	
MO-SPA	2020/21-1	Wet	12/28/2020 12:09:00 PM	1/5/2021 2:28:00 PM	Mercury	Total	DNQ	32	ng/L	EPA 245.1	17	50	WKL	
MO-SPA	2020/21-1	Wet	12/28/2020 12:09:00 PM	1/4/2021 1:08:00 PM	Nickel	Dissolved	=	8.1	µg/L	EPA 200.8	0.16	2	WKL	
MO-SPA	2020/21-1	Wet	12/28/2020 12:09:00 PM	1/4/2021 1:11:00 PM	Nickel	Total	=	16	µg/L	EPA 200.8	0.16	2	WKL	
MO-SPA	2020/21-1	Wet	12/28/2020 12:09:00 PM	1/4/2021 1:08:00 PM	Selenium	Dissolved	=	0.58	µg/L	EPA 200.8	0.067	0.4	WKL	
MO-SPA	2020/21-1	Wet	12/28/2020 12:09:00 PM	1/4/2021 1:11:00 PM	Selenium	Total	=	0.75	µg/L	EPA 200.8	0.067	0.4	WKL	
MO-SPA	2020/21-1	Wet	12/28/2020 12:09:00 PM	1/4/2021 1:08:00 PM	Silver	Dissolved	<	0.03	µg/L	EPA 200.8	0.03	0.2	WKL	
MO-SPA	2020/21-1	Wet	12/28/2020 12:09:00 PM	1/4/2021 1:11:00 PM	Silver	Total	DNQ	0.091	µg/L	EPA 200.8	0.03	0.2	WKL	
MO-SPA	2020/21-1	Wet	12/28/2020 12:09:00 PM	1/4/2021 1:08:00 PM	Thallium	Dissolved	<	0.021	µg/L	EPA 200.8	0.021	0.2	WKL	
MO-SPA	2020/21-1	Wet	12/28/2020 12:09:00 PM	1/4/2021 1:11:00 PM	Thallium	Total	DNQ	0.061	µg/L	EPA 200.8	0.021	0.2	WKL	
MO-SPA	2020/21-1	Wet	12/28/2020 12:09:00 PM	1/4/2021 1:08:00 PM	Zinc	Dissolved	=	120	µg/L	EPA 200.8	0.8	10	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-SPA	2020/21-1	Wet	12/28/2020 12:09:00 PM	1/4/2021 1:11:00 PM	Zinc	Total	=	250	µg/L	EPA 200.8	0.8	10	WKL	
MO-SPA	2020/21-1	Wet	12/28/2020 12:09:00 PM	12/29/2020 5:56:00 PM	Ammonia as N	n/a	=	1.3	mg/L	EPA 350.1	0.047	0.1	WKL	
MO-SPA	2020/21-1	Wet	12/28/2020 12:09:00 PM	12/29/2020 12:45:00 PM	Nitrate + Nitrite as N	n/a	=	2.3	mg/L	EPA 353.2	0.036	0.2	WKL	
MO-SPA	2020/21-1	Wet	12/28/2020 12:09:00 PM	1/2/2021 12:59:00 PM	Phosphorus as P	Dissolved	=	0.51	mg/L	EPA 200.7	0.012	0.02	WKL	
MO-SPA	2020/21-1	Wet	12/28/2020 12:09:00 PM	1/2/2021 1:02:00 PM	Phosphorus as P	Total	=	1.3	mg/L	EPA 200.7	0.012	0.02	WKL	
MO-SPA	2020/21-1	Wet	12/28/2020 12:09:00 PM	12/31/2020 1:33:00 PM	TKN	n/a	=	6.1	mg/L	EPA 351.2	0.26	0.4	WKL	
MO-SPA	2020/21-1	Wet	12/28/2020 12:09:00 PM	2/2/2021 10:58:00 PM	1,2,4-Trichlorobenzene	n/a	<	9.8	µg/L	EPA 625.1	9.8	20	WKL	
MO-SPA	2020/21-1	Wet	12/28/2020 12:09:00 PM	2/2/2021 10:58:00 PM	1,2-Dichlorobenzene	n/a	<	9.2	µg/L	EPA 625.1	9.2	20	WKL	
MO-SPA	2020/21-1	Wet	12/28/2020 12:09:00 PM	2/2/2021 10:58:00 PM	1,2-Diphenylhydrazine	n/a	<	6	µg/L	EPA 625.1	6	20	WKL	
MO-SPA	2020/21-1	Wet	12/28/2020 12:09:00 PM	2/2/2021 10:58:00 PM	1,3-Dichlorobenzene	n/a	<	8.4	µg/L	EPA 625.1	8.4	20	WKL	
MO-SPA	2020/21-1	Wet	12/28/2020 12:09:00 PM	2/2/2021 10:58:00 PM	1,4-Dichlorobenzene	n/a	<	9.6	µg/L	EPA 625.1	9.6	20	WKL	
MO-SPA	2020/21-1	Wet	12/28/2020 12:09:00 PM	1/30/2021 9:48:00 PM	1-Methylnaphthalene	n/a	<	0.48	µg/L	EPA 8270C	0.48	2	WKL	
MO-SPA	2020/21-1	Wet	12/28/2020 12:09:00 PM	2/2/2021 3:08:00 AM	2,4,5-Trichlorophenol	n/a	<	5.8	µg/L	EPA 8270C	5.8	20	WKL	
MO-SPA	2020/21-1	Wet	12/28/2020 12:09:00 PM	2/2/2021 10:58:00 PM	2,4,6-Trichlorophenol	n/a	<	4.4	µg/L	EPA 625.1	4.4	20	WKL	
MO-SPA	2020/21-1	Wet	12/28/2020 12:09:00 PM	2/2/2021 3:08:00 AM	2,4,6-Trichlorophenol	n/a	<	6	µg/L	EPA 8270C	6	20	WKL	
MO-SPA	2020/21-1	Wet	12/28/2020 12:09:00 PM	2/2/2021 10:58:00 PM	2,4-Dichlorophenol	n/a	<	5.2	µg/L	EPA 625.1	5.2	20	WKL	
MO-SPA	2020/21-1	Wet	12/28/2020 12:09:00 PM	2/2/2021 3:08:00 AM	2,4-Dichlorophenol	n/a	<	10	µg/L	EPA 8270C	10	20	WKL	
MO-SPA	2020/21-1	Wet	12/28/2020 12:09:00 PM	2/2/2021 10:58:00 PM	2,4-Dimethylphenol	n/a	<	6	µg/L	EPA 625.1	6	20	WKL	
MO-SPA	2020/21-1	Wet	12/28/2020 12:09:00 PM	2/2/2021 3:08:00 AM	2,4-Dimethylphenol	n/a	<	20	µg/L	EPA 8270C	20	40	WKL	LB-LCSR
MO-SPA	2020/21-1	Wet	12/28/2020 12:09:00 PM	2/2/2021 10:58:00 PM	2,4-Dinitrophenol	n/a	<	37	µg/L	EPA 625.1	37	200	WKL	
MO-SPA	2020/21-1	Wet	12/28/2020 12:09:00 PM	2/2/2021 3:08:00 AM	2,4-Dinitrophenol	n/a	<	20	µg/L	EPA 8270C	20	40	WKL	
MO-SPA	2020/21-1	Wet	12/28/2020 12:09:00 PM	2/2/2021 10:58:00 PM	2,4-Dinitrotoluene	n/a	<	3.6	µg/L	EPA 625.1	3.6	20	WKL	
MO-SPA	2020/21-1	Wet	12/28/2020 12:09:00 PM	2/2/2021 10:58:00 PM	2,6-Dinitrotoluene	n/a	<	5.4	µg/L	EPA 625.1	5.4	20	WKL	
MO-SPA	2020/21-1	Wet	12/28/2020 12:09:00 PM	2/2/2021 10:58:00 PM	2-Chloronaphthalene	n/a	<	9	µg/L	EPA 625.1	9	20	WKL	
MO-SPA	2020/21-1	Wet	12/28/2020 12:09:00 PM	2/2/2021 3:08:00 AM	2-Chlorophenol	n/a	<	13	µg/L	EPA 8270C	13	20	WKL	
MO-SPA	2020/21-1	Wet	12/28/2020 12:09:00 PM	2/2/2021 10:58:00 PM	2-Chlorophenol	n/a	<	5.6	µg/L	EPA 625.1	5.6	20	WKL	
MO-SPA	2020/21-1	Wet	12/28/2020 12:09:00 PM	1/30/2021 9:48:00 PM	2-Methylnaphthalene	n/a	<	0.52	µg/L	EPA 8270C	0.52	2	WKL	
MO-SPA	2020/21-1	Wet	12/28/2020 12:09:00 PM	2/2/2021 3:08:00 AM	2-Methylphenol	n/a	<	6.8	µg/L	EPA 8270C	6.8	20	WKL	
MO-SPA	2020/21-1	Wet	12/28/2020 12:09:00 PM	2/2/2021 3:08:00 AM	2-Nitrophenol	n/a	<	14	µg/L	EPA 8270C	14	20	WKL	
MO-SPA	2020/21-1	Wet	12/28/2020 12:09:00 PM	2/2/2021 10:58:00 PM	2-Nitrophenol	n/a	<	5.2	µg/L	EPA 625.1	5.2	20	WKL	
MO-SPA	2020/21-1	Wet	12/28/2020 12:09:00 PM	2/2/2021 10:58:00 PM	3,3'-Dichlorobenzidine	n/a	<	20	µg/L	EPA 625.1	20	100	WKL	
MO-SPA	2020/21-1	Wet	12/28/2020 12:09:00 PM	2/2/2021 3:08:00 AM	3-/4-Methylphenol	n/a	<	6	µg/L	EPA 8270C	6	20	WKL	
MO-SPA	2020/21-1	Wet	12/28/2020 12:09:00 PM	2/2/2021 3:08:00 AM	4,6-Dinitro-2-methylphenol	n/a	<	2.8	µg/L	EPA 8270C	2.8	20	WKL	
MO-SPA	2020/21-1	Wet	12/28/2020 12:09:00 PM	2/2/2021 10:58:00 PM	4,6-Dinitro-2-methylphenol	n/a	<	28	µg/L	EPA 625.1	28	100	WKL	
MO-SPA	2020/21-1	Wet	12/28/2020 12:09:00 PM	2/2/2021 10:58:00 PM	4-Bromophenyl phenyl ether	n/a	<	7.2	µg/L	EPA 625.1	7.2	20	WKL	
MO-SPA	2020/21-1	Wet	12/28/2020 12:09:00 PM	2/2/2021 10:58:00 PM	4-Chloro-3-methylphenol	n/a	<	4.6	µg/L	EPA 625.1	4.6	20	WKL	
MO-SPA	2020/21-1	Wet	12/28/2020 12:09:00 PM	2/2/2021 3:08:00 AM	4-Chloro-3-methylphenol	n/a	<	7.4	µg/L	EPA 8270C	7.4	20	WKL	
MO-SPA	2020/21-1	Wet	12/28/2020 12:09:00 PM	2/2/2021 10:58:00 PM	4-Chlorophenyl phenyl ether	n/a	<	8.2	µg/L	EPA 625.1	8.2	20	WKL	
MO-SPA	2020/21-1	Wet	12/28/2020 12:09:00 PM	2/2/2021 10:58:00 PM	4-Nitrophenol	n/a	<	25	µg/L	EPA 625.1	25	100	WKL	
MO-SPA	2020/21-1	Wet	12/28/2020 12:09:00 PM	2/2/2021 3:08:00 AM	4-Nitrophenol	n/a	<	20	µg/L	EPA 8270C	20	40	WKL	
MO-SPA	2020/21-1	Wet	12/28/2020 12:09:00 PM	2/2/2021 10:58:00 PM	Acenaphthene	n/a	<	7.6	µg/L	EPA 625.1	7.6	20	WKL	
MO-SPA	2020/21-1	Wet	12/28/2020 12:09:00 PM	1/30/2021 9:48:00 PM	Acenaphthene	n/a	<	0.56	µg/L	EPA 8270C	0.56	2	WKL	
MO-SPA	2020/21-1	Wet	12/28/2020 12:09:00 PM	1/30/2021 9:48:00 PM	Acenaphthylene	n/a	<	0.66	µg/L	EPA 8270C	0.66	2	WKL	
MO-SPA	2020/21-1	Wet	12/28/2020 12:09:00 PM	2/2/2021 10:58:00 PM	Acenaphthylene	n/a	<	3.4	µg/L	EPA 625.1	3.4	20	WKL	
MO-SPA	2020/21-1	Wet	12/28/2020 12:09:00 PM	1/30/2021 9:48:00 PM	Anthracene	n/a	<	0.5	µg/L	EPA 8270C	0.5	2	WKL	
MO-SPA	2020/21-1	Wet	12/28/2020 12:09:00 PM	2/2/2021 10:58:00 PM	Anthracene	n/a	<	2.4	µg/L	EPA 625.1	2.4	20	WKL	
MO-SPA	2020/21-1	Wet	12/28/2020 12:09:00 PM	2/2/2021 10:58:00 PM	Benz(a)anthracene	n/a	<	3.8	µg/L	EPA 625.1	3.8	20	WKL	
MO-SPA	2020/21-1	Wet	12/28/2020 12:09:00 PM	1/30/2021 9:48:00 PM	Benz(a)anthracene	n/a	<	1	µg/L	EPA 8270C	1	2	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-SPA	2020/21-1	Wet	12/28/2020 12:09:00 PM	2/2/2021 10:58:00 PM	Benzidine	n/a	<	29	µg/L	EPA 625.1	29	200	WKL	
MO-SPA	2020/21-1	Wet	12/28/2020 12:09:00 PM	1/16/2021 3:53:00 AM	Benzo(a)pyrene	n/a	<	1	µg/L	EPA 525.2	1	5	WKL	
MO-SPA	2020/21-1	Wet	12/28/2020 12:09:00 PM	2/2/2021 10:58:00 PM	Benzo(a)pyrene	n/a	<	7.8	µg/L	EPA 625.1	7.8	20	WKL	
MO-SPA	2020/21-1	Wet	12/28/2020 12:09:00 PM	1/30/2021 9:48:00 PM	Benzo(a)pyrene	n/a	<	1	µg/L	EPA 8270C	1	2	WKL	
MO-SPA	2020/21-1	Wet	12/28/2020 12:09:00 PM	2/2/2021 10:58:00 PM	Benzo(b)fluoranthene	n/a	<	9.2	µg/L	EPA 625.1	9.2	20	WKL	
MO-SPA	2020/21-1	Wet	12/28/2020 12:09:00 PM	1/30/2021 9:48:00 PM	Benzo(b)fluoranthene	n/a	<	0.54	µg/L	EPA 8270C	0.54	2	WKL	
MO-SPA	2020/21-1	Wet	12/28/2020 12:09:00 PM	2/2/2021 10:58:00 PM	Benzo(g,h,i)perylene	n/a	<	8.4	µg/L	EPA 625.1	8.4	40	WKL	
MO-SPA	2020/21-1	Wet	12/28/2020 12:09:00 PM	1/30/2021 9:48:00 PM	Benzo(g,h,i)perylene	n/a	<	1	µg/L	EPA 8270C	1	2	WKL	
MO-SPA	2020/21-1	Wet	12/28/2020 12:09:00 PM	1/30/2021 9:48:00 PM	Benzo(k)fluoranthene	n/a	<	0.52	µg/L	EPA 8270C	0.52	2	WKL	
MO-SPA	2020/21-1	Wet	12/28/2020 12:09:00 PM	2/2/2021 10:58:00 PM	Benzo(k)fluoranthene	n/a	<	4.4	µg/L	EPA 625.1	4.4	20	WKL	
MO-SPA	2020/21-1	Wet	12/28/2020 12:09:00 PM	2/2/2021 10:58:00 PM	Bis(2-chloroethoxy)methane	n/a	<	5	µg/L	EPA 625.1	5	20	WKL	
MO-SPA	2020/21-1	Wet	12/28/2020 12:09:00 PM	2/2/2021 10:58:00 PM	Bis(2-chloroethyl)ether	n/a	<	5.4	µg/L	EPA 625.1	5.4	20	WKL	
MO-SPA	2020/21-1	Wet	12/28/2020 12:09:00 PM	2/2/2021 10:58:00 PM	Bis(2-chloroisopropyl)ether	n/a	<	7.6	µg/L	EPA 625.1	7.6	20	WKL	
MO-SPA	2020/21-1	Wet	12/28/2020 12:09:00 PM	1/16/2021 3:53:00 AM	Bis(2-ethylhexyl)adipate	n/a	DNQ	18	µg/L	EPA 525.2	6	250	WKL	UL-MB
MO-SPA	2020/21-1	Wet	12/28/2020 12:09:00 PM	1/16/2021 3:53:00 AM	Bis(2-ethylhexyl)phthalate	n/a	<	20	µg/L	EPA 525.2	20	150	WKL	
MO-SPA	2020/21-1	Wet	12/28/2020 12:09:00 PM	2/2/2021 10:58:00 PM	Bis(2-ethylhexyl)phthalate	n/a	<	46	µg/L	EPA 625.1	46	100	WKL	
MO-SPA	2020/21-1	Wet	12/28/2020 12:09:00 PM	2/2/2021 10:58:00 PM	Butyl benzyl phthalate	n/a	DNQ	7.8	µg/L	EPA 625.1	3.6	20	WKL	
MO-SPA	2020/21-1	Wet	12/28/2020 12:09:00 PM	2/2/2021 10:58:00 PM	Chrysene	n/a	<	3.8	µg/L	EPA 625.1	3.8	20	WKL	
MO-SPA	2020/21-1	Wet	12/28/2020 12:09:00 PM	1/30/2021 9:48:00 PM	Chrysene	n/a	<	0.64	µg/L	EPA 8270C	0.64	2	WKL	
MO-SPA	2020/21-1	Wet	12/28/2020 12:09:00 PM	2/2/2021 10:58:00 PM	Dibenz(a,h)anthracene	n/a	<	11	µg/L	EPA 625.1	11	40	WKL	
MO-SPA	2020/21-1	Wet	12/28/2020 12:09:00 PM	1/30/2021 9:48:00 PM	Dibenz(a,h)anthracene	n/a	<	1.9	µg/L	EPA 8270C	1.9	2	WKL	
MO-SPA	2020/21-1	Wet	12/28/2020 12:09:00 PM	2/2/2021 10:58:00 PM	Diethyl phthalate	n/a	<	3	µg/L	EPA 625.1	3	20	WKL	
MO-SPA	2020/21-1	Wet	12/28/2020 12:09:00 PM	2/2/2021 10:58:00 PM	Dimethyl phthalate	n/a	<	3.6	µg/L	EPA 625.1	3.6	20	WKL	
MO-SPA	2020/21-1	Wet	12/28/2020 12:09:00 PM	2/2/2021 10:58:00 PM	Di-n-butylphthalate	n/a	<	2	µg/L	EPA 625.1	2	20	WKL	
MO-SPA	2020/21-1	Wet	12/28/2020 12:09:00 PM	2/2/2021 10:58:00 PM	Di-n-octylphthalate	n/a	<	9.2	µg/L	EPA 625.1	9.2	20	WKL	
MO-SPA	2020/21-1	Wet	12/28/2020 12:09:00 PM	2/2/2021 10:58:00 PM	Fluoranthene	n/a	<	1.6	µg/L	EPA 625.1	1.6	20	WKL	
MO-SPA	2020/21-1	Wet	12/28/2020 12:09:00 PM	1/30/2021 9:48:00 PM	Fluoranthene	n/a	<	0.78	µg/L	EPA 8270C	0.78	2	WKL	
MO-SPA	2020/21-1	Wet	12/28/2020 12:09:00 PM	2/2/2021 10:58:00 PM	Fluorene	n/a	<	7	µg/L	EPA 625.1	7	20	WKL	
MO-SPA	2020/21-1	Wet	12/28/2020 12:09:00 PM	1/30/2021 9:48:00 PM	Fluorene	n/a	<	0.58	µg/L	EPA 8270C	0.58	2	WKL	
MO-SPA	2020/21-1	Wet	12/28/2020 12:09:00 PM	2/2/2021 10:58:00 PM	Hexachlorobenzene	n/a	<	9.8	µg/L	EPA 625.1	9.8	20	WKL	
MO-SPA	2020/21-1	Wet	12/28/2020 12:09:00 PM	2/2/2021 10:58:00 PM	Hexachlorobutadiene	n/a	<	9.4	µg/L	EPA 625.1	9.4	20	WKL	
MO-SPA	2020/21-1	Wet	12/28/2020 12:09:00 PM	2/2/2021 10:58:00 PM	Hexachlorocyclopentadiene	n/a	<	20	µg/L	EPA 625.1	20	100	WKL	
MO-SPA	2020/21-1	Wet	12/28/2020 12:09:00 PM	2/2/2021 10:58:00 PM	Hexachloroethane	n/a	<	10	µg/L	EPA 625.1	10	20	WKL	
MO-SPA	2020/21-1	Wet	12/28/2020 12:09:00 PM	2/2/2021 10:58:00 PM	Indeno(1,2,3-cd)pyrene	n/a	<	11	µg/L	EPA 625.1	11	40	WKL	
MO-SPA	2020/21-1	Wet	12/28/2020 12:09:00 PM	1/30/2021 9:48:00 PM	Indeno(1,2,3-cd)pyrene	n/a	<	1.3	µg/L	EPA 8270C	1.3	2	WKL	
MO-SPA	2020/21-1	Wet	12/28/2020 12:09:00 PM	2/2/2021 10:58:00 PM	Isophorone	n/a	<	4.2	µg/L	EPA 625.1	4.2	20	WKL	
MO-SPA	2020/21-1	Wet	12/28/2020 12:09:00 PM	1/30/2021 9:48:00 PM	Naphthalene	n/a	<	0.52	µg/L	EPA 8270C	0.52	2	WKL	
MO-SPA	2020/21-1	Wet	12/28/2020 12:09:00 PM	2/2/2021 10:58:00 PM	Naphthalene	n/a	<	9.8	µg/L	EPA 625.1	9.8	20	WKL	
MO-SPA	2020/21-1	Wet	12/28/2020 12:09:00 PM	2/2/2021 10:58:00 PM	Nitrobenzene	n/a	<	7.2	µg/L	EPA 625.1	7.2	20	WKL	
MO-SPA	2020/21-1	Wet	12/28/2020 12:09:00 PM	2/2/2021 10:58:00 PM	N-Nitrosodimethylamine	n/a	<	10	µg/L	EPA 625.1	10	20	WKL	
MO-SPA	2020/21-1	Wet	12/28/2020 12:09:00 PM	2/2/2021 10:58:00 PM	N-Nitrosodi-N-propylamine	n/a	<	5.2	µg/L	EPA 625.1	5.2	20	WKL	
MO-SPA	2020/21-1	Wet	12/28/2020 12:09:00 PM	2/2/2021 10:58:00 PM	N-Nitrosodiphenylamine	n/a	<	3.8	µg/L	EPA 625.1	3.8	20	WKL	
MO-SPA	2020/21-1	Wet	12/28/2020 12:09:00 PM	2/2/2021 10:58:00 PM	Phenanthrene	n/a	<	6.4	µg/L	EPA 625.1	6.4	20	WKL	
MO-SPA	2020/21-1	Wet	12/28/2020 12:09:00 PM	1/30/2021 9:48:00 PM	Phenanthrene	n/a	<	0.58	µg/L	EPA 8270C	0.58	2	WKL	
MO-SPA	2020/21-1	Wet	12/28/2020 12:09:00 PM	2/2/2021 3:08:00 AM	Phenol	n/a	<	7	µg/L	EPA 8270C	7	20	WKL	
MO-SPA	2020/21-1	Wet	12/28/2020 12:09:00 PM	2/2/2021 10:58:00 PM	Phenol	n/a	<	3.2	µg/L	EPA 625.1	3.2	20	WKL	
MO-SPA	2020/21-1	Wet	12/28/2020 12:09:00 PM	1/30/2021 9:48:00 PM	Pyrene	n/a	<	0.8	µg/L	EPA 8270C	0.8	2	WKL	
MO-SPA	2020/21-1	Wet	12/28/2020 12:09:00 PM	2/2/2021 10:58:00 PM	Pyrene	n/a	<	5	µg/L	EPA 625.1	5	20	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-SPA	2020/21-1	Wet	12/28/2020 12:09:00 PM	1/14/2021 2:53:00 AM	PCB Aroclor 1016	n/a	<	10	µg/L	EPA 608.3	10	10	WKL	
MO-SPA	2020/21-1	Wet	12/28/2020 12:09:00 PM	1/14/2021 2:53:00 AM	PCB Aroclor 1221	n/a	<	10	µg/L	EPA 608.3	10	10	WKL	
MO-SPA	2020/21-1	Wet	12/28/2020 12:09:00 PM	1/14/2021 2:53:00 AM	PCB Aroclor 1232	n/a	<	10	µg/L	EPA 608.3	10	10	WKL	
MO-SPA	2020/21-1	Wet	12/28/2020 12:09:00 PM	1/14/2021 2:53:00 AM	PCB Aroclor 1242	n/a	<	10	µg/L	EPA 608.3	10	10	WKL	
MO-SPA	2020/21-1	Wet	12/28/2020 12:09:00 PM	1/14/2021 2:53:00 AM	PCB Aroclor 1248	n/a	<	10	µg/L	EPA 608.3	10	10	WKL	
MO-SPA	2020/21-1	Wet	12/28/2020 12:09:00 PM	1/14/2021 2:53:00 AM	PCB Aroclor 1254	n/a	<	10	µg/L	EPA 608.3	10	10	WKL	
MO-SPA	2020/21-1	Wet	12/28/2020 12:09:00 PM	1/14/2021 2:53:00 AM	PCB Aroclor 1260	n/a	<	10	µg/L	EPA 608.3	10	10	WKL	
MO-SPA	2020/21-1	Wet	12/28/2020 12:09:00 PM	1/10/2021 7:10:00 AM	2,4,5-T	n/a	<	0.55	µg/L	EPA 515.4	0.55	2	WKL	
MO-SPA	2020/21-1	Wet	12/28/2020 12:09:00 PM	1/10/2021 7:10:00 AM	2,4,5-TP	n/a	<	0.46	µg/L	EPA 515.4	0.46	2	WKL	
MO-SPA	2020/21-1	Wet	12/28/2020 12:09:00 PM	1/10/2021 7:10:00 AM	2,4-D	n/a	<	1.4	µg/L	EPA 515.4	1.4	4	WKL	
MO-SPA	2020/21-1	Wet	12/28/2020 12:09:00 PM	1/10/2021 7:10:00 AM	2,4-DB	n/a	<	1.9	µg/L	EPA 515.4	1.9	20	WKL	
MO-SPA	2020/21-1	Wet	12/28/2020 12:09:00 PM	1/10/2021 7:10:00 AM	3,5-Dichlorobenzoic acid	n/a	<	1.2	µg/L	EPA 515.4	1.2	10	WKL	
MO-SPA	2020/21-1	Wet	12/28/2020 12:09:00 PM	1/14/2021 2:53:00 AM	4,4'-DDD	n/a	<	0.014	µg/L	EPA 608.3	0.014	1	WKL	
MO-SPA	2020/21-1	Wet	12/28/2020 12:09:00 PM	1/14/2021 2:53:00 AM	4,4'-DDE	n/a	<	0.1	µg/L	EPA 608.3	0.1	1	WKL	
MO-SPA	2020/21-1	Wet	12/28/2020 12:09:00 PM	1/14/2021 2:53:00 AM	4,4'-DDT	n/a	<	0.1	µg/L	EPA 608.3	0.1	0.2	WKL	
MO-SPA	2020/21-1	Wet	12/28/2020 12:09:00 PM	1/10/2021 7:10:00 AM	Acifluorfen	n/a	<	0.72	µg/L	EPA 515.4	0.72	4	WKL	
MO-SPA	2020/21-1	Wet	12/28/2020 12:09:00 PM	1/16/2021 3:53:00 AM	Alachlor	n/a	<	1.5	µg/L	EPA 525.2	1.5	5	WKL	
MO-SPA	2020/21-1	Wet	12/28/2020 12:09:00 PM	1/14/2021 2:53:00 AM	Aldrin	n/a	<	0.02	µg/L	EPA 608.3	0.02	0.1	WKL	
MO-SPA	2020/21-1	Wet	12/28/2020 12:09:00 PM	1/14/2021 2:53:00 AM	alpha-BHC	n/a	<	0.022	µg/L	EPA 608.3	0.022	0.2	WKL	
MO-SPA	2020/21-1	Wet	12/28/2020 12:09:00 PM	1/14/2021 2:53:00 AM	alpha-Chlordane	n/a	<	0.058	µg/L	EPA 608.3	0.058	0.2	WKL	
MO-SPA	2020/21-1	Wet	12/28/2020 12:09:00 PM	1/16/2021 3:53:00 AM	Atrazine	n/a	<	1.5	µg/L	EPA 525.2	1.5	5	WKL	
MO-SPA	2020/21-1	Wet	12/28/2020 12:09:00 PM	1/20/2021 3:22:00 AM	Azinphos methyl	n/a	<	0.28	µg/L	EPA 625.1m	0.28	0.5	WKL	
MO-SPA	2020/21-1	Wet	12/28/2020 12:09:00 PM	1/10/2021 7:10:00 AM	Bentazon	n/a	<	2.3	µg/L	EPA 515.4	2.3	20	WKL	
MO-SPA	2020/21-1	Wet	12/28/2020 12:09:00 PM	1/14/2021 2:53:00 AM	beta-BHC	n/a	<	0.03	µg/L	EPA 608.3	0.03	0.1	WKL	
MO-SPA	2020/21-1	Wet	12/28/2020 12:09:00 PM	1/20/2021 3:22:00 AM	Bolstar	n/a	<	0.23	µg/L	EPA 625.1m	0.23	0.5	WKL	
MO-SPA	2020/21-1	Wet	12/28/2020 12:09:00 PM	1/16/2021 3:53:00 AM	Bromacil	n/a	<	8	µg/L	EPA 525.2	8	25	WKL	
MO-SPA	2020/21-1	Wet	12/28/2020 12:09:00 PM	1/16/2021 3:53:00 AM	Butachlor	n/a	<	1.5	µg/L	EPA 525.2	1.5	5	WKL	
MO-SPA	2020/21-1	Wet	12/28/2020 12:09:00 PM	1/16/2021 3:53:00 AM	Captan	n/a	<	8	µg/L	EPA 525.2	8	50	WKL	
MO-SPA	2020/21-1	Wet	12/28/2020 12:09:00 PM	1/14/2021 2:53:00 AM	Chlordane (technical)	n/a	<	10	µg/L	EPA 608.3	10	10	WKL	
MO-SPA	2020/21-1	Wet	12/28/2020 12:09:00 PM	1/16/2021 3:53:00 AM	Chlorpropham	n/a	<	2	µg/L	EPA 525.2	2	5	WKL	
MO-SPA	2020/21-1	Wet	12/28/2020 12:09:00 PM	1/20/2021 3:22:00 AM	Chlorpyrifos	n/a	<	0.34	µg/L	EPA 625.1m	0.34	0.5	WKL	
MO-SPA	2020/21-1	Wet	12/28/2020 12:09:00 PM	1/20/2021 3:22:00 AM	Coumaphos	n/a	<	0.26	µg/L	EPA 625.1m	0.26	0.5	WKL	
MO-SPA	2020/21-1	Wet	12/28/2020 12:09:00 PM	1/16/2021 3:53:00 AM	Cyanazine	n/a	<	2	µg/L	EPA 525.2	2	5	WKL	
MO-SPA	2020/21-1	Wet	12/28/2020 12:09:00 PM	1/10/2021 7:10:00 AM	Dalapon	n/a	<	1.1	µg/L	EPA 515.4	1.1	4	WKL	
MO-SPA	2020/21-1	Wet	12/28/2020 12:09:00 PM	1/10/2021 7:10:00 AM	DCPA (Dacthal)	n/a	<	0.53	µg/L	EPA 515.4	0.53	1	WKL	
MO-SPA	2020/21-1	Wet	12/28/2020 12:09:00 PM	1/14/2021 2:53:00 AM	delta-BHC	n/a	<	0.1	µg/L	EPA 608.3	0.1	0.1	WKL	
MO-SPA	2020/21-1	Wet	12/28/2020 12:09:00 PM	1/20/2021 3:22:00 AM	Demeton-O	n/a	<	0.5	µg/L	EPA 625.1m	0.5	0.5	WKL	-LCSRPD, LB-L
MO-SPA	2020/21-1	Wet	12/28/2020 12:09:00 PM	1/20/2021 3:22:00 AM	Demeton-S	n/a	<	0.5	µg/L	EPA 625.1m	0.5	0.5	WKL	
MO-SPA	2020/21-1	Wet	12/28/2020 12:09:00 PM	1/16/2021 3:53:00 AM	Diazinon	n/a	<	2.5	µg/L	EPA 525.2	2.5	5	WKL	
MO-SPA	2020/21-1	Wet	12/28/2020 12:09:00 PM	1/20/2021 3:22:00 AM	Diazinon	n/a	<	0.26	µg/L	EPA 625.1m	0.26	0.5	WKL	EST-LCSRPD
MO-SPA	2020/21-1	Wet	12/28/2020 12:09:00 PM	1/10/2021 7:10:00 AM	Dicamba	n/a	<	0.75	µg/L	EPA 515.4	0.75	6	WKL	
MO-SPA	2020/21-1	Wet	12/28/2020 12:09:00 PM	1/10/2021 7:10:00 AM	Dichlorprop	n/a	<	1.2	µg/L	EPA 515.4	1.2	3	WKL	
MO-SPA	2020/21-1	Wet	12/28/2020 12:09:00 PM	1/20/2021 3:22:00 AM	Dichlorvos	n/a	<	0.14	µg/L	EPA 625.1m	0.14	0.5	WKL	
MO-SPA	2020/21-1	Wet	12/28/2020 12:09:00 PM	1/14/2021 2:53:00 AM	Dieldrin	n/a	<	0.016	µg/L	EPA 608.3	0.016	0.2	WKL	
MO-SPA	2020/21-1	Wet	12/28/2020 12:09:00 PM	1/20/2021 3:22:00 AM	Dimethoate	n/a	<	0.31	µg/L	EPA 625.1m	0.31	0.5	WKL	
MO-SPA	2020/21-1	Wet	12/28/2020 12:09:00 PM	1/16/2021 3:53:00 AM	Dimethoate	n/a	<	1	µg/L	EPA 525.2	1	10	WKL	LB-LCSR
MO-SPA	2020/21-1	Wet	12/28/2020 12:09:00 PM	1/10/2021 7:10:00 AM	Dinoseb	n/a	<	0.55	µg/L	EPA 515.4	0.55	4	WKL	
MO-SPA	2020/21-1	Wet	12/28/2020 12:09:00 PM	1/16/2021 3:53:00 AM	Diphenamid	n/a	<	1.5	µg/L	EPA 525.2	1.5	5	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-SPA	2020/21-1	Wet	12/28/2020 12:09:00 PM	1/16/2021 3:53:00 AM	Disulfoton	n/a	<	2	µg/L	EPA 525.2	2	5	WKL	
MO-SPA	2020/21-1	Wet	12/28/2020 12:09:00 PM	1/20/2021 3:22:00 AM	Disulfoton	n/a	<	0.5	µg/L	EPA 625.1m	0.5	0.5	WKL	
MO-SPA	2020/21-1	Wet	12/28/2020 12:09:00 PM	1/14/2021 2:53:00 AM	Endosulfan I	n/a	<	0.018	µg/L	EPA 608.3	0.018	0.4	WKL	
MO-SPA	2020/21-1	Wet	12/28/2020 12:09:00 PM	1/14/2021 2:53:00 AM	Endosulfan II	n/a	<	0.1	µg/L	EPA 608.3	0.1	0.2	WKL	
MO-SPA	2020/21-1	Wet	12/28/2020 12:09:00 PM	1/14/2021 2:53:00 AM	Endosulfan sulfate	n/a	<	0.026	µg/L	EPA 608.3	0.026	1	WKL	
MO-SPA	2020/21-1	Wet	12/28/2020 12:09:00 PM	1/14/2021 2:53:00 AM	Endrin	n/a	<	0.034	µg/L	EPA 608.3	0.034	0.2	WKL	
MO-SPA	2020/21-1	Wet	12/28/2020 12:09:00 PM	1/14/2021 2:53:00 AM	Endrin aldehyde	n/a	<	0.038	µg/L	EPA 608.3	0.038	0.2	WKL	
MO-SPA	2020/21-1	Wet	12/28/2020 12:09:00 PM	1/16/2021 3:53:00 AM	EPTC	n/a	<	1	µg/L	EPA 525.2	1	5	WKL	
MO-SPA	2020/21-1	Wet	12/28/2020 12:09:00 PM	1/20/2021 3:22:00 AM	Ethoprop	n/a	<	0.34	µg/L	EPA 625.1m	0.34	0.5	WKL	
MO-SPA	2020/21-1	Wet	12/28/2020 12:09:00 PM	1/20/2021 3:22:00 AM	Ethyl parathion	n/a	<	0.27	µg/L	EPA 625.1m	0.27	0.5	WKL	EST-LCSRPD
MO-SPA	2020/21-1	Wet	12/28/2020 12:09:00 PM	1/20/2021 3:22:00 AM	Fensulfothion	n/a	<	0.14	µg/L	EPA 625.1m	0.14	0.5	WKL	
MO-SPA	2020/21-1	Wet	12/28/2020 12:09:00 PM	1/20/2021 3:22:00 AM	Fenthion	n/a	<	0.19	µg/L	EPA 625.1m	0.19	0.5	WKL	
MO-SPA	2020/21-1	Wet	12/28/2020 12:09:00 PM	1/14/2021 2:53:00 AM	gamma-BHC (Lindane)	n/a	<	0.008	µg/L	EPA 608.3	0.008	0.4	WKL	
MO-SPA	2020/21-1	Wet	12/28/2020 12:09:00 PM	1/14/2021 2:53:00 AM	gamma-Chlordane	n/a	<	0.046	µg/L	EPA 608.3	0.046	0.2	WKL	
MO-SPA	2020/21-1	Wet	12/28/2020 12:09:00 PM	12/30/2020 3:22:00 AM	Glyphosate	n/a	=	140	µg/L	EPA 547	18	50	WKL	
MO-SPA	2020/21-1	Wet	12/28/2020 12:09:00 PM	1/14/2021 2:53:00 AM	Heptachlor	n/a	<	0.012	µg/L	EPA 608.3	0.012	0.2	WKL	
MO-SPA	2020/21-1	Wet	12/28/2020 12:09:00 PM	1/14/2021 2:53:00 AM	Heptachlor epoxide	n/a	<	0.008	µg/L	EPA 608.3	0.008	0.2	WKL	
MO-SPA	2020/21-1	Wet	12/28/2020 12:09:00 PM	1/20/2021 3:22:00 AM	Malathion	n/a	<	0.38	µg/L	EPA 625.1m	0.38	0.5	WKL	
MO-SPA	2020/21-1	Wet	12/28/2020 12:09:00 PM	1/20/2021 3:22:00 AM	Merphos	n/a	<	0.29	µg/L	EPA 625.1m	0.29	0.5	WKL	
MO-SPA	2020/21-1	Wet	12/28/2020 12:09:00 PM	1/20/2021 3:22:00 AM	Methyl parathion	n/a	<	0.32	µg/L	EPA 625.1m	0.32	0.5	WKL	
MO-SPA	2020/21-1	Wet	12/28/2020 12:09:00 PM	1/16/2021 3:53:00 AM	Metolachlor	n/a	<	1.5	µg/L	EPA 525.2	1.5	5	WKL	
MO-SPA	2020/21-1	Wet	12/28/2020 12:09:00 PM	1/16/2021 3:53:00 AM	Metribuzin	n/a	<	1.5	µg/L	EPA 525.2	1.5	5	WKL	
MO-SPA	2020/21-1	Wet	12/28/2020 12:09:00 PM	1/20/2021 3:22:00 AM	Mevinphos	n/a	<	0.21	µg/L	EPA 625.1m	0.21	0.5	WKL	
MO-SPA	2020/21-1	Wet	12/28/2020 12:09:00 PM	1/16/2021 3:53:00 AM	Molinate	n/a	<	1.5	µg/L	EPA 525.2	1.5	5	WKL	
MO-SPA	2020/21-1	Wet	12/28/2020 12:09:00 PM	1/20/2021 3:22:00 AM	Naled	n/a	<	0.38	µg/L	EPA 625.1m	0.38	0.5	WKL	
MO-SPA	2020/21-1	Wet	12/28/2020 12:09:00 PM	1/8/2021 6:27:00 AM	Pentachlorophenol	n/a	=	0.64	µg/L	EPA 515.4	0.046	0.2	WKL	
MO-SPA	2020/21-1	Wet	12/28/2020 12:09:00 PM	2/2/2021 10:58:00 PM	Pentachlorophenol	n/a	<	8	µg/L	EPA 625.1	8	20	WKL	
MO-SPA	2020/21-1	Wet	12/28/2020 12:09:00 PM	2/2/2021 3:08:00 AM	Pentachlorophenol	n/a	<	3	µg/L	EPA 8270C	3	20	WKL	
MO-SPA	2020/21-1	Wet	12/28/2020 12:09:00 PM	1/20/2021 3:22:00 AM	Phorate	n/a	<	0.15	µg/L	EPA 625.1m	0.15	0.5	WKL	
MO-SPA	2020/21-1	Wet	12/28/2020 12:09:00 PM	1/10/2021 7:10:00 AM	Picloram	n/a	<	0.38	µg/L	EPA 515.4	0.38	6	WKL	
MO-SPA	2020/21-1	Wet	12/28/2020 12:09:00 PM	1/16/2021 3:53:00 AM	Prometon	n/a	<	0.5	µg/L	EPA 525.2	0.5	5	WKL	EST-LCSRPD
MO-SPA	2020/21-1	Wet	12/28/2020 12:09:00 PM	1/16/2021 3:53:00 AM	Prometryn	n/a	<	1.5	µg/L	EPA 525.2	1.5	5	WKL	EST-LCSRPD
MO-SPA	2020/21-1	Wet	12/28/2020 12:09:00 PM	1/20/2021 3:22:00 AM	Ronnel (Fenchlorphos)	n/a	<	0.2	µg/L	EPA 625.1m	0.2	0.5	WKL	
MO-SPA	2020/21-1	Wet	12/28/2020 12:09:00 PM	1/16/2021 3:53:00 AM	Simazine	n/a	<	1	µg/L	EPA 525.2	1	5	WKL	
MO-SPA	2020/21-1	Wet	12/28/2020 12:09:00 PM	1/20/2021 3:22:00 AM	Stirophos (Tetrachlorvinphos)	n/a	<	0.16	µg/L	EPA 625.1m	0.16	0.5	WKL	
MO-SPA	2020/21-1	Wet	12/28/2020 12:09:00 PM	1/16/2021 3:53:00 AM	Terbacil	n/a	<	4.5	µg/L	EPA 525.2	4.5	100	WKL	
MO-SPA	2020/21-1	Wet	12/28/2020 12:09:00 PM	1/16/2021 3:53:00 AM	Thiobencarb	n/a	<	1.5	µg/L	EPA 525.2	1.5	5	WKL	
MO-SPA	2020/21-1	Wet	12/28/2020 12:09:00 PM	1/20/2021 3:22:00 AM	Tokuthion	n/a	<	0.39	µg/L	EPA 625.1m	0.39	0.5	WKL	
MO-SPA	2020/21-1	Wet	12/28/2020 12:09:00 PM	1/14/2021 2:53:00 AM	Toxaphene	n/a	<	50	µg/L	EPA 608.3	50	50	WKL	
MO-SPA	2020/21-1	Wet	12/28/2020 12:09:00 PM	1/20/2021 3:22:00 AM	Trichloronate	n/a	<	0.34	µg/L	EPA 625.1m	0.34	0.5	WKL	
MO-SPA	2020/21-1	Wet	12/28/2020 12:09:00 PM	1/16/2021 3:53:00 AM	Trithion	n/a	<	1	µg/L	EPA 525.2	1	5	WKL	
MO-SPA	2020/21-2	Wet	1/28/2021 9:10:00 PM	1/28/2021 9:10:00 PM	Conductivity	n/a	=	42.2	µmhos/cm	Field Meter	-88	1	Field Crew	
MO-SPA	2020/21-2	Wet	1/28/2021 9:10:00 PM	2/9/2021 4:24:00 PM	Cyanide	Total	DNQ	0.0007	mg/L	ASTM D7511	0.0003	0.002	WKL	
MO-SPA	2020/21-2	Wet	1/28/2021 9:10:00 PM	1/28/2021 9:10:00 PM	DO	n/a	=	88.3	%	Field Meter	-88	0.1	Field Crew	
MO-SPA	2020/21-2	Wet	1/28/2021 9:10:00 PM	1/28/2021 9:10:00 PM	DO	n/a	=	9.76	mg/L	Field Meter	-88	0.3	Field Crew	
MO-SPA	2020/21-2	Wet	1/28/2021 9:10:00 PM	1/28/2021 9:10:00 PM	pH	n/a	=	6.71	pH Units	Field Meter	-88	0.01	Field Crew	
MO-SPA	2020/21-2	Wet	1/28/2021 9:10:00 PM	1/28/2021 9:10:00 PM	Salinity	n/a	<	100	mg/L	Field Meter	-88	100	Field Crew	
MO-SPA	2020/21-2	Wet	1/28/2021 9:10:00 PM	1/28/2021 9:10:00 PM	Specific Conductance	n/a	=	58.7	µmhos/cm	Field Meter	-88	1	Field Crew	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-SPA	2020/21-2	Wet	1/28/2021 9:10:00 PM	1/28/2021 9:10:00 PM	Temperature	n/a	=	10.5	°C	Field Meter	-88	0.1	Field Crew	
MO-SPA	2020/21-2	Wet	1/28/2021 9:10:00 PM	2/1/2021 10:11:00 AM	Gasoline Range Organics	n/a	<	0.065	mg/L	LUFT GC/MS	0.065	0.1	WKL	
MO-SPA	2020/21-2	Wet	1/28/2021 9:10:00 PM	2/16/2021 4:34:00 PM	Oil and Grease	n/a	DNQ	2	mg/L	EPA 1664B	0.7	5	WKL	
MO-SPA	2020/21-2	Wet	1/28/2021 9:10:00 PM	1/31/2021 4:08:00 PM	2-Chloroethyl vinyl ether	n/a	<	0.19	µg/L	EPA 624.1	0.19	1	WKL	
MO-SPA	2020/21-2	Wet	1/28/2021 9:10:00 PM	1/31/2021 4:08:00 PM	Methyl tert-butyl ether (MTBE)	n/a	<	0.4	µg/L	EPA 624.1	0.4	1	WKL	
MO-SPA	2020/21-2	Wet	1/29/2021 9:30:00 AM	2/3/2021 2:42:00 AM	Chloride	n/a	=	12	mg/L	EPA 300.0	0.17	1	WKL	
MO-SPA	2020/21-2	Wet	1/29/2021 9:30:00 AM	2/3/2021 2:42:00 AM	Fluoride	n/a	DNQ	0.09	mg/L	EPA 300.0	0.018	0.2	WKL	
MO-SPA	2020/21-2	Wet	1/29/2021 9:30:00 AM	2/3/2021 7:25:00 AM	Perchlorate	n/a	DNQ	1.7	µg/L	EPA 314.0	0.84	2	WKL	
MO-SPA	2020/21-2	Wet	1/29/2021 9:30:00 AM	2/6/2021 5:30:00 PM	Calcium	Total	=	23.5	mg/L	EPA 200.7	0.016	0.1	WKL	
MO-SPA	2020/21-2	Wet	1/29/2021 9:30:00 AM	2/6/2021 5:30:00 PM	Magnesium	Total	=	6.25	mg/L	EPA 200.7	0.012	0.1	WKL	
MO-SPA	2020/21-2	Wet	1/29/2021 9:30:00 AM	2/4/2021 11:56:00 AM	Alkalinity as CaCO3	n/a	=	49	mg/L	SM 2320 B	0.56	5	WKL	
MO-SPA	2020/21-2	Wet	1/29/2021 9:30:00 AM	2/4/2021 5:22:00 PM	BOD	n/a	=	14	mg/L	SM 5210 B	2	2	WKL	
MO-SPA	2020/21-2	Wet	1/29/2021 9:30:00 AM	2/8/2021 12:22:00 PM	COD	n/a	=	91	mg/L	EPA 410.4	2.9	5	WKL	
MO-SPA	2020/21-2	Wet	1/29/2021 9:30:00 AM	2/6/2021 5:30:00 PM	Hardness as CaCO3	Total	=	84.3	mg/L	EPA 200.7	0.0894	0.662	WKL	
MO-SPA	2020/21-2	Wet	1/29/2021 9:30:00 AM	1/30/2021 5:51:00 PM	MBAS	n/a	=	0.14	mg/L	SM 5540 C	0.017	0.05	WKL	
MO-SPA	2020/21-2	Wet	1/29/2021 9:30:00 AM	2/5/2021 1:15:00 PM	Phenolics	n/a	=	0.11	mg/L	EPA 420.4	0.0032	0.01	WKL	
MO-SPA	2020/21-2	Wet	1/29/2021 9:30:00 AM	2/3/2021 1:34:00 PM	Specific Conductance	n/a	=	240	µmhos/cm	SM 2510 B	0.23	2	WKL	
MO-SPA	2020/21-2	Wet	1/29/2021 9:30:00 AM	2/5/2021 8:00:00 AM	Total Dissolved Solids	n/a	=	160	mg/L	SM 2540 C	4	10	WKL	
MO-SPA	2020/21-2	Wet	1/29/2021 9:30:00 AM	2/5/2021 12:35:00 PM	Total Organic Carbon	n/a	=	19	mg/L	SM 5310 B	0.096	0.3	WKL	
MO-SPA	2020/21-2	Wet	1/29/2021 9:30:00 AM	2/5/2021 8:00:00 AM	Total Suspended Solids	n/a	=	180	mg/L	SM 2540 D	-88	5	WKL	
MO-SPA	2020/21-2	Wet	1/29/2021 9:30:00 AM	1/29/2021 7:51:00 PM	Turbidity	n/a	=	60	NTU	EPA 180.1	0.085	0.5	WKL	
MO-SPA	2020/21-2	Wet	1/29/2021 9:30:00 AM	2/5/2021 8:00:00 AM	Volatile Suspended Solids	n/a	=	30	mg/L	EPA 160.4	3.1	5	WKL	
MO-SPA	2020/21-2	Wet	1/29/2021 9:30:00 AM	2/11/2021 10:29:00 PM	Diesel Range Organics	n/a	=	0.66	mg/L	EPA 8015B	0.032	0.1	WKL	
MO-SPA	2020/21-2	Wet	1/29/2021 9:30:00 AM	2/11/2021 10:29:00 PM	Oil Range Organics	n/a	=	1.4	mg/L	EPA 8015B	0.33	0.5	WKL	
MO-SPA	2020/21-2	Wet	1/29/2021 9:30:00 AM	2/9/2021 5:12:00 PM	Aluminum	Dissolved	=	23	µg/L	EPA 200.8	4.4	20	WKL	
MO-SPA	2020/21-2	Wet	1/29/2021 9:30:00 AM	2/9/2021 5:12:00 PM	Aluminum	Total	=	3600	µg/L	EPA 200.8	4.4	20	WKL	LB-MSR
MO-SPA	2020/21-2	Wet	1/29/2021 9:30:00 AM	2/9/2021 5:12:00 PM	Antimony	Dissolved	=	0.71	µg/L	EPA 200.8	0.089	0.5	WKL	
MO-SPA	2020/21-2	Wet	1/29/2021 9:30:00 AM	2/9/2021 5:15:00 PM	Antimony	Total	=	1.5	µg/L	EPA 200.8	0.089	0.5	WKL	
MO-SPA	2020/21-2	Wet	1/29/2021 9:30:00 AM	2/9/2021 5:12:00 PM	Arsenic	Dissolved	=	0.85	µg/L	EPA 200.8	0.074	0.4	WKL	
MO-SPA	2020/21-2	Wet	1/29/2021 9:30:00 AM	2/9/2021 5:15:00 PM	Arsenic	Total	=	2	µg/L	EPA 200.8	0.074	0.4	WKL	
MO-SPA	2020/21-2	Wet	1/29/2021 9:30:00 AM	2/9/2021 5:15:00 PM	Barium	Total	=	72	µg/L	EPA 200.8	0.14	1	WKL	
MO-SPA	2020/21-2	Wet	1/29/2021 9:30:00 AM	2/9/2021 5:12:00 PM	Beryllium	Dissolved	<	0.062	µg/L	EPA 200.8	0.062	0.1	WKL	
MO-SPA	2020/21-2	Wet	1/29/2021 9:30:00 AM	2/9/2021 5:15:00 PM	Beryllium	Total	=	0.13	µg/L	EPA 200.8	0.062	0.1	WKL	
MO-SPA	2020/21-2	Wet	1/29/2021 9:30:00 AM	2/9/2021 5:12:00 PM	Cadmium	Dissolved	DNQ	0.094	µg/L	EPA 200.8	0.042	0.2	WKL	
MO-SPA	2020/21-2	Wet	1/29/2021 9:30:00 AM	2/9/2021 5:15:00 PM	Cadmium	Total	=	0.44	µg/L	EPA 200.8	0.042	0.2	WKL	
MO-SPA	2020/21-2	Wet	1/29/2021 9:30:00 AM	2/9/2021 5:12:00 PM	Chromium	Dissolved	=	1	µg/L	EPA 200.8	0.089	0.2	WKL	
MO-SPA	2020/21-2	Wet	1/29/2021 9:30:00 AM	2/9/2021 5:15:00 PM	Chromium	Total	=	7.2	µg/L	EPA 200.8	0.089	0.2	WKL	
MO-SPA	2020/21-2	Wet	1/29/2021 9:30:00 AM	2/3/2021 2:31:00 PM	Chromium VI	n/a	=	0.77	µg/L	EPA 218.6	0.0079	0.02	WKL	
MO-SPA	2020/21-2	Wet	1/29/2021 9:30:00 AM	2/9/2021 5:12:00 PM	Copper	Dissolved	=	11	µg/L	EPA 200.8	0.23	0.5	WKL	
MO-SPA	2020/21-2	Wet	1/29/2021 9:30:00 AM	2/9/2021 5:15:00 PM	Copper	Total	=	25	µg/L	EPA 200.8	0.23	0.5	WKL	
MO-SPA	2020/21-2	Wet	1/29/2021 9:30:00 AM	2/9/2021 5:12:00 PM	Iron	Dissolved	=	49	µg/L	EPA 200.8	3.9	20	WKL	
MO-SPA	2020/21-2	Wet	1/29/2021 9:30:00 AM	2/9/2021 5:12:00 PM	Iron	Total	=	4900	µg/L	EPA 200.8	3.9	20	WKL	
MO-SPA	2020/21-2	Wet	1/29/2021 9:30:00 AM	2/9/2021 5:12:00 PM	Lead	Dissolved	=	0.43	µg/L	EPA 200.8	0.083	0.2	WKL	
MO-SPA	2020/21-2	Wet	1/29/2021 9:30:00 AM	2/9/2021 5:15:00 PM	Lead	Total	=	15	µg/L	EPA 200.8	0.083	0.2	WKL	
MO-SPA	2020/21-2	Wet	1/29/2021 9:30:00 AM	2/8/2021 1:45:00 PM	Mercury	Dissolved	<	17	ng/L	EPA 245.1	17	50	WKL	
MO-SPA	2020/21-2	Wet	1/29/2021 9:30:00 AM	2/8/2021 1:47:00 PM	Mercury	Total	DNQ	38	ng/L	EPA 245.1	17	50	WKL	
MO-SPA	2020/21-2	Wet	1/29/2021 9:30:00 AM	2/9/2021 5:12:00 PM	Nickel	Dissolved	=	2.5	µg/L	EPA 200.8	0.16	2	WKL	
MO-SPA	2020/21-2	Wet	1/29/2021 9:30:00 AM	2/9/2021 5:15:00 PM	Nickel	Total	=	8.2	µg/L	EPA 200.8	0.16	2	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-SPA	2020/21-2	Wet	1/29/2021 9:30:00 AM	2/9/2021 5:12:00 PM	Selenium	Dissolved	=	0.47	µg/L	EPA 200.8	0.067	0.4	WKL	
MO-SPA	2020/21-2	Wet	1/29/2021 9:30:00 AM	2/9/2021 5:15:00 PM	Selenium	Total	=	0.61	µg/L	EPA 200.8	0.067	0.4	WKL	
MO-SPA	2020/21-2	Wet	1/29/2021 9:30:00 AM	2/9/2021 5:12:00 PM	Silver	Dissolved	<	0.03	µg/L	EPA 200.8	0.03	0.2	WKL	
MO-SPA	2020/21-2	Wet	1/29/2021 9:30:00 AM	2/9/2021 5:15:00 PM	Silver	Total	DNQ	0.048	µg/L	EPA 200.8	0.03	0.2	WKL	
MO-SPA	2020/21-2	Wet	1/29/2021 9:30:00 AM	2/9/2021 5:12:00 PM	Thallium	Dissolved	<	0.021	µg/L	EPA 200.8	0.021	0.2	WKL	
MO-SPA	2020/21-2	Wet	1/29/2021 9:30:00 AM	2/9/2021 5:15:00 PM	Thallium	Total	DNQ	0.045	µg/L	EPA 200.8	0.021	0.2	WKL	
MO-SPA	2020/21-2	Wet	1/29/2021 9:30:00 AM	2/9/2021 5:12:00 PM	Zinc	Dissolved	=	43	µg/L	EPA 200.8	0.8	10	WKL	
MO-SPA	2020/21-2	Wet	1/29/2021 9:30:00 AM	2/9/2021 5:15:00 PM	Zinc	Total	=	150	µg/L	EPA 200.8	0.8	10	WKL	
MO-SPA	2020/21-2	Wet	1/29/2021 9:30:00 AM	2/12/2021 1:21:00 PM	Ammonia as N	n/a	=	0.38	mg/L	EPA 350.1	0.047	0.1	WKL	
MO-SPA	2020/21-2	Wet	1/29/2021 9:30:00 AM	1/30/2021 3:30:00 PM	Nitrate + Nitrite as N	n/a	=	0.86	mg/L	EPA 353.2	0.036	0.2	WKL	
MO-SPA	2020/21-2	Wet	1/29/2021 9:30:00 AM	2/6/2021 5:27:00 PM	Phosphorus as P	Dissolved	=	0.21	mg/L	EPA 200.7	0.012	0.02	WKL	
MO-SPA	2020/21-2	Wet	1/29/2021 9:30:00 AM	2/6/2021 5:30:00 PM	Phosphorus as P	Total	=	0.54	mg/L	EPA 200.7	0.012	0.02	WKL	
MO-SPA	2020/21-2	Wet	1/29/2021 9:30:00 AM	2/4/2021 4:56:00 PM	TKN	n/a	=	1	mg/L	EPA 351.2	0.065	0.1	WKL	
MO-SPA	2020/21-2	Wet	1/29/2021 9:30:00 AM	2/9/2021 9:26:00 PM	1,2,4-Trichlorobenzene	n/a	<	4.9	µg/L	EPA 625.1	4.9	10	WKL	
MO-SPA	2020/21-2	Wet	1/29/2021 9:30:00 AM	2/9/2021 9:26:00 PM	1,2-Dichlorobenzene	n/a	<	4.6	µg/L	EPA 625.1	4.6	10	WKL	
MO-SPA	2020/21-2	Wet	1/29/2021 9:30:00 AM	2/9/2021 9:26:00 PM	1,2-Diphenylhydrazine	n/a	<	3	µg/L	EPA 625.1	3	10	WKL	
MO-SPA	2020/21-2	Wet	1/29/2021 9:30:00 AM	2/9/2021 9:26:00 PM	1,3-Dichlorobenzene	n/a	<	4.2	µg/L	EPA 625.1	4.2	10	WKL	
MO-SPA	2020/21-2	Wet	1/29/2021 9:30:00 AM	2/9/2021 9:30:00 AM	1,4-Dichlorobenzene	n/a	<	4.8	µg/L	EPA 625.1	4.8	10	WKL	
MO-SPA	2020/21-2	Wet	1/29/2021 9:30:00 AM	2/27/2021 2:04:00 PM	1-Methylnaphthalene	n/a	DNQ	0.89	µg/L	EPA 8270C	0.24	1	WKL	
MO-SPA	2020/21-2	Wet	1/29/2021 9:30:00 AM	3/5/2021 4:59:00 AM	2,4,5-Trichlorophenol	n/a	<	2.9	µg/L	EPA 8270C	2.9	10	WKL	
MO-SPA	2020/21-2	Wet	1/29/2021 9:30:00 AM	3/5/2021 4:59:00 AM	2,4,6-Trichlorophenol	n/a	<	3	µg/L	EPA 8270C	3	10	WKL	
MO-SPA	2020/21-2	Wet	1/29/2021 9:30:00 AM	2/9/2021 9:26:00 PM	2,4,6-Trichlorophenol	n/a	<	2.2	µg/L	EPA 625.1	2.2	10	WKL	
MO-SPA	2020/21-2	Wet	1/29/2021 9:30:00 AM	3/5/2021 4:59:00 AM	2,4-Dichlorophenol	n/a	<	5.1	µg/L	EPA 8270C	5.1	10	WKL	
MO-SPA	2020/21-2	Wet	1/29/2021 9:30:00 AM	2/9/2021 9:26:00 PM	2,4-Dichlorophenol	n/a	<	2.6	µg/L	EPA 625.1	2.6	10	WKL	
MO-SPA	2020/21-2	Wet	1/29/2021 9:30:00 AM	2/9/2021 9:26:00 PM	2,4-Dimethylphenol	n/a	<	3	µg/L	EPA 625.1	3	10	WKL	
MO-SPA	2020/21-2	Wet	1/29/2021 9:30:00 AM	3/5/2021 4:59:00 AM	2,4-Dimethylphenol	n/a	<	10	µg/L	EPA 8270C	10	20	WKL	
MO-SPA	2020/21-2	Wet	1/29/2021 9:30:00 AM	2/9/2021 9:26:00 PM	2,4-Dinitrophenol	n/a	<	19	µg/L	EPA 625.1	19	100	WKL	
MO-SPA	2020/21-2	Wet	1/29/2021 9:30:00 AM	3/5/2021 4:59:00 AM	2,4-Dinitrophenol	n/a	<	10	µg/L	EPA 8270C	10	20	WKL	
MO-SPA	2020/21-2	Wet	1/29/2021 9:30:00 AM	2/9/2021 9:26:00 PM	2,4-Dinitrotoluene	n/a	<	1.8	µg/L	EPA 625.1	1.8	10	WKL	
MO-SPA	2020/21-2	Wet	1/29/2021 9:30:00 AM	2/9/2021 9:26:00 PM	2,6-Dinitrotoluene	n/a	<	2.7	µg/L	EPA 625.1	2.7	10	WKL	
MO-SPA	2020/21-2	Wet	1/29/2021 9:30:00 AM	2/9/2021 9:26:00 PM	2-Chloronaphthalene	n/a	<	4.5	µg/L	EPA 625.1	4.5	10	WKL	
MO-SPA	2020/21-2	Wet	1/29/2021 9:30:00 AM	3/5/2021 4:59:00 AM	2-Chlorophenol	n/a	<	6.5	µg/L	EPA 8270C	6.5	10	WKL	
MO-SPA	2020/21-2	Wet	1/29/2021 9:30:00 AM	2/9/2021 9:26:00 PM	2-Chlorophenol	n/a	<	2.8	µg/L	EPA 625.1	2.8	10	WKL	
MO-SPA	2020/21-2	Wet	1/29/2021 9:30:00 AM	2/27/2021 2:04:00 PM	2-Methylnaphthalene	n/a	=	1.2	µg/L	EPA 8270C	0.26	1	WKL	
MO-SPA	2020/21-2	Wet	1/29/2021 9:30:00 AM	3/5/2021 4:59:00 AM	2-Methylphenol	n/a	<	3.4	µg/L	EPA 8270C	3.4	10	WKL	
MO-SPA	2020/21-2	Wet	1/29/2021 9:30:00 AM	2/9/2021 9:26:00 PM	2-Nitrophenol	n/a	<	2.6	µg/L	EPA 625.1	2.6	10	WKL	
MO-SPA	2020/21-2	Wet	1/29/2021 9:30:00 AM	3/5/2021 4:59:00 AM	2-Nitrophenol	n/a	<	7.1	µg/L	EPA 8270C	7.1	10	WKL	
MO-SPA	2020/21-2	Wet	1/29/2021 9:30:00 AM	2/9/2021 9:26:00 PM	3,3'-Dichlorobenzidine	n/a	<	9.9	µg/L	EPA 625.1	9.9	50	WKL	
MO-SPA	2020/21-2	Wet	1/29/2021 9:30:00 AM	3/5/2021 4:59:00 AM	3-/4-Methylphenol	n/a	<	3	µg/L	EPA 8270C	3	10	WKL	
MO-SPA	2020/21-2	Wet	1/29/2021 9:30:00 AM	2/9/2021 9:26:00 PM	4,6-Dinitro-2-methylphenol	n/a	<	14	µg/L	EPA 625.1	14	50	WKL	
MO-SPA	2020/21-2	Wet	1/29/2021 9:30:00 AM	3/5/2021 4:59:00 AM	4,6-Dinitro-2-methylphenol	n/a	<	1.4	µg/L	EPA 8270C	1.4	10	WKL	
MO-SPA	2020/21-2	Wet	1/29/2021 9:30:00 AM	2/9/2021 9:30:00 AM	4-Bromophenyl phenyl ether	n/a	<	3.6	µg/L	EPA 625.1	3.6	10	WKL	
MO-SPA	2020/21-2	Wet	1/29/2021 9:30:00 AM	2/9/2021 9:26:00 PM	4-Chloro-3-methylphenol	n/a	<	2.3	µg/L	EPA 625.1	2.3	10	WKL	
MO-SPA	2020/21-2	Wet	1/29/2021 9:30:00 AM	3/5/2021 4:59:00 AM	4-Chloro-3-methylphenol	n/a	<	3.7	µg/L	EPA 8270C	3.7	10	WKL	
MO-SPA	2020/21-2	Wet	1/29/2021 9:30:00 AM	2/9/2021 9:26:00 PM	4-Chlorophenyl phenyl ether	n/a	<	4.1	µg/L	EPA 625.1	4.1	10	WKL	
MO-SPA	2020/21-2	Wet	1/29/2021 9:30:00 AM	2/9/2021 9:26:00 PM	4-Nitrophenol	n/a	<	12	µg/L	EPA 625.1	12	50	WKL	
MO-SPA	2020/21-2	Wet	1/29/2021 9:30:00 AM	3/5/2021 4:59:00 AM	4-Nitrophenol	n/a	<	10	µg/L	EPA 8270C	10	20	WKL	
MO-SPA	2020/21-2	Wet	1/29/2021 9:30:00 AM	2/9/2021 9:26:00 PM	Acenaphthene	n/a	<	3.8	µg/L	EPA 625.1	3.8	10	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-SPA	2020/21-2	Wet	1/29/2021 9:30:00 AM	2/27/2021 2:04:00 PM	Acenaphthene	n/a	<	0.28	µg/L	EPA 8270C	0.28	1	WKL	
MO-SPA	2020/21-2	Wet	1/29/2021 9:30:00 AM	2/9/2021 9:26:00 PM	Acenaphthylene	n/a	<	1.7	µg/L	EPA 625.1	1.7	10	WKL	
MO-SPA	2020/21-2	Wet	1/29/2021 9:30:00 AM	2/27/2021 2:04:00 PM	Acenaphthylene	n/a	<	0.33	µg/L	EPA 8270C	0.33	1	WKL	
MO-SPA	2020/21-2	Wet	1/29/2021 9:30:00 AM	2/9/2021 9:26:00 PM	Anthracene	n/a	<	1.2	µg/L	EPA 625.1	1.2	10	WKL	
MO-SPA	2020/21-2	Wet	1/29/2021 9:30:00 AM	2/27/2021 2:04:00 PM	Anthracene	n/a	<	0.25	µg/L	EPA 8270C	0.25	1	WKL	
MO-SPA	2020/21-2	Wet	1/29/2021 9:30:00 AM	2/9/2021 9:26:00 PM	Benz(a)anthracene	n/a	<	1.9	µg/L	EPA 625.1	1.9	10	WKL	
MO-SPA	2020/21-2	Wet	1/29/2021 9:30:00 AM	2/27/2021 2:04:00 PM	Benz(a)anthracene	n/a	<	0.51	µg/L	EPA 8270C	0.51	1	WKL	
MO-SPA	2020/21-2	Wet	1/29/2021 9:30:00 AM	2/9/2021 9:26:00 PM	Benzdine	n/a	<	14	µg/L	EPA 625.1	14	100	WKL	
MO-SPA	2020/21-2	Wet	1/29/2021 9:30:00 AM	2/12/2021 8:13:00 AM	Benzo(a)pyrene	n/a	<	0.2	µg/L	EPA 525.2	0.2	1	WKL	
MO-SPA	2020/21-2	Wet	1/29/2021 9:30:00 AM	2/9/2021 9:26:00 PM	Benzo(a)pyrene	n/a	<	3.9	µg/L	EPA 625.1	3.9	10	WKL	
MO-SPA	2020/21-2	Wet	1/29/2021 9:30:00 AM	2/27/2021 2:04:00 PM	Benzo(a)pyrene	n/a	DNQ	0.84	µg/L	EPA 8270C	0.51	1	WKL	
MO-SPA	2020/21-2	Wet	1/29/2021 9:30:00 AM	2/9/2021 9:26:00 PM	Benzo(b)fluoranthene	n/a	<	4.6	µg/L	EPA 625.1	4.6	10	WKL	
MO-SPA	2020/21-2	Wet	1/29/2021 9:30:00 AM	2/27/2021 2:04:00 PM	Benzo(b)fluoranthene	n/a	DNQ	0.78	µg/L	EPA 8270C	0.27	1	WKL	
MO-SPA	2020/21-2	Wet	1/29/2021 9:30:00 AM	2/9/2021 9:26:00 PM	Benzo(g,h,i)perylene	n/a	<	4.2	µg/L	EPA 625.1	4.2	20	WKL	
MO-SPA	2020/21-2	Wet	1/29/2021 9:30:00 AM	2/27/2021 2:04:00 PM	Benzo(g,h,i)perylene	n/a	<	0.5	µg/L	EPA 8270C	0.5	1	WKL	
MO-SPA	2020/21-2	Wet	1/29/2021 9:30:00 AM	2/9/2021 9:26:00 PM	Benzo(k)fluoranthene	n/a	<	2.2	µg/L	EPA 625.1	2.2	10	WKL	
MO-SPA	2020/21-2	Wet	1/29/2021 9:30:00 AM	2/27/2021 2:04:00 PM	Benzo(k)fluoranthene	n/a	<	0.26	µg/L	EPA 8270C	0.26	1	WKL	
MO-SPA	2020/21-2	Wet	1/29/2021 9:30:00 AM	2/9/2021 9:26:00 PM	Bis(2-chloroethoxy)methane	n/a	<	2.5	µg/L	EPA 625.1	2.5	10	WKL	
MO-SPA	2020/21-2	Wet	1/29/2021 9:30:00 AM	2/9/2021 9:26:00 PM	Bis(2-chloroethyl)ether	n/a	<	2.7	µg/L	EPA 625.1	2.7	10	WKL	
MO-SPA	2020/21-2	Wet	1/29/2021 9:30:00 AM	2/9/2021 9:26:00 PM	Bis(2-chloroisopropyl)ether	n/a	<	3.8	µg/L	EPA 625.1	3.8	10	WKL	
MO-SPA	2020/21-2	Wet	1/29/2021 9:30:00 AM	2/12/2021 8:13:00 AM	Bis(2-ethylhexyl)adipate	n/a	<	1.2	µg/L	EPA 525.2	1.2	50	WKL	
MO-SPA	2020/21-2	Wet	1/29/2021 9:30:00 AM	2/12/2021 8:13:00 AM	Bis(2-ethylhexyl)phthalate	n/a	<	4.1	µg/L	EPA 525.2	4.1	30	WKL	
MO-SPA	2020/21-2	Wet	1/29/2021 9:30:00 AM	2/9/2021 9:26:00 PM	Bis(2-ethylhexyl)phthalate	n/a	<	23	µg/L	EPA 625.1	23	50	WKL	
MO-SPA	2020/21-2	Wet	1/29/2021 9:30:00 AM	2/9/2021 9:26:00 PM	Butyl benzyl phthalate	n/a	<	1.8	µg/L	EPA 625.1	1.8	10	WKL	
MO-SPA	2020/21-2	Wet	1/29/2021 9:30:00 AM	2/27/2021 2:04:00 PM	Chrysene	n/a	<	0.32	µg/L	EPA 8270C	0.32	1	WKL	
MO-SPA	2020/21-2	Wet	1/29/2021 9:30:00 AM	2/9/2021 9:26:00 PM	Chrysene	n/a	<	1.9	µg/L	EPA 625.1	1.9	10	WKL	
MO-SPA	2020/21-2	Wet	1/29/2021 9:30:00 AM	2/9/2021 9:26:00 PM	Dibenz(a,h)anthracene	n/a	<	5.3	µg/L	EPA 625.1	5.3	20	WKL	
MO-SPA	2020/21-2	Wet	1/29/2021 9:30:00 AM	2/27/2021 2:04:00 PM	Dibenz(a,h)anthracene	n/a	<	0.96	µg/L	EPA 8270C	0.96	1	WKL	
MO-SPA	2020/21-2	Wet	1/29/2021 9:30:00 AM	2/9/2021 9:26:00 PM	Diethyl phthalate	n/a	<	1.5	µg/L	EPA 625.1	1.5	10	WKL	
MO-SPA	2020/21-2	Wet	1/29/2021 9:30:00 AM	2/9/2021 9:26:00 PM	Dimethyl phthalate	n/a	<	1.8	µg/L	EPA 625.1	1.8	10	WKL	
MO-SPA	2020/21-2	Wet	1/29/2021 9:30:00 AM	2/9/2021 9:26:00 PM	Di-n-butylphthalate	n/a	<	1	µg/L	EPA 625.1	1	10	WKL	
MO-SPA	2020/21-2	Wet	1/29/2021 9:30:00 AM	2/9/2021 9:26:00 PM	Di-n-octylphthalate	n/a	<	4.6	µg/L	EPA 625.1	4.6	10	WKL	
MO-SPA	2020/21-2	Wet	1/29/2021 9:30:00 AM	2/9/2021 9:26:00 PM	Fluoranthene	n/a	<	0.8	µg/L	EPA 625.1	0.8	10	WKL	
MO-SPA	2020/21-2	Wet	1/29/2021 9:30:00 AM	2/27/2021 2:04:00 PM	Fluoranthene	n/a	<	0.39	µg/L	EPA 8270C	0.39	1	WKL	
MO-SPA	2020/21-2	Wet	1/29/2021 9:30:00 AM	2/9/2021 9:26:00 PM	Fluorene	n/a	<	3.5	µg/L	EPA 625.1	3.5	10	WKL	
MO-SPA	2020/21-2	Wet	1/29/2021 9:30:00 AM	2/27/2021 2:04:00 PM	Fluorene	n/a	<	0.29	µg/L	EPA 8270C	0.29	1	WKL	
MO-SPA	2020/21-2	Wet	1/29/2021 9:30:00 AM	2/9/2021 9:26:00 PM	Hexachlorobenzene	n/a	<	4.9	µg/L	EPA 625.1	4.9	10	WKL	
MO-SPA	2020/21-2	Wet	1/29/2021 9:30:00 AM	2/9/2021 9:26:00 PM	Hexachlorobutadiene	n/a	<	4.7	µg/L	EPA 625.1	4.7	10	WKL	
MO-SPA	2020/21-2	Wet	1/29/2021 9:30:00 AM	2/9/2021 9:26:00 PM	Hexachlorocyclopentadiene	n/a	<	9.8	µg/L	EPA 625.1	9.8	50	WKL	
MO-SPA	2020/21-2	Wet	1/29/2021 9:30:00 AM	2/9/2021 9:26:00 PM	Hexachloroethane	n/a	<	5	µg/L	EPA 625.1	5	10	WKL	
MO-SPA	2020/21-2	Wet	1/29/2021 9:30:00 AM	2/9/2021 9:26:00 PM	Indeno(1,2,3-cd)pyrene	n/a	<	5.5	µg/L	EPA 625.1	5.5	20	WKL	
MO-SPA	2020/21-2	Wet	1/29/2021 9:30:00 AM	2/27/2021 2:04:00 PM	Indeno(1,2,3-cd)pyrene	n/a	<	0.65	µg/L	EPA 8270C	0.65	1	WKL	
MO-SPA	2020/21-2	Wet	1/29/2021 9:30:00 AM	2/9/2021 9:26:00 PM	Isophorone	n/a	<	2.1	µg/L	EPA 625.1	2.1	10	WKL	
MO-SPA	2020/21-2	Wet	1/29/2021 9:30:00 AM	2/9/2021 9:26:00 PM	Naphthalene	n/a	<	4.9	µg/L	EPA 625.1	4.9	10	WKL	
MO-SPA	2020/21-2	Wet	1/29/2021 9:30:00 AM	2/27/2021 2:04:00 PM	Naphthalene	n/a	<	0.26	µg/L	EPA 8270C	0.26	1	WKL	
MO-SPA	2020/21-2	Wet	1/29/2021 9:30:00 AM	2/9/2021 9:26:00 PM	Nitrobenzene	n/a	<	3.6	µg/L	EPA 625.1	3.6	10	WKL	
MO-SPA	2020/21-2	Wet	1/29/2021 9:30:00 AM	2/9/2021 9:26:00 PM	N-Nitrosodimethylamine	n/a	<	5	µg/L	EPA 625.1	5	10	WKL	
MO-SPA	2020/21-2	Wet	1/29/2021 9:30:00 AM	2/9/2021 9:26:00 PM	N-Nitrosodi-N-propylamine	n/a	<	2.6	µg/L	EPA 625.1	2.6	10	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-SPA	2020/21-2	Wet	1/29/2021 9:30:00 AM	2/9/2021 9:26:00 PM	N-Nitrosodiphenylamine	n/a	<	1.9	µg/L	EPA 625.1	1.9	10	WKL	
MO-SPA	2020/21-2	Wet	1/29/2021 9:30:00 AM	2/9/2021 9:26:00 PM	Phenanthrene	n/a	<	3.2	µg/L	EPA 625.1	3.2	10	WKL	
MO-SPA	2020/21-2	Wet	1/29/2021 9:30:00 AM	2/27/2021 2:04:00 PM	Phenanthrene	n/a	<	0.29	µg/L	EPA 8270C	0.29	1	WKL	
MO-SPA	2020/21-2	Wet	1/29/2021 9:30:00 AM	2/9/2021 9:26:00 PM	Phenol	n/a	<	1.6	µg/L	EPA 625.1	1.6	10	WKL	
MO-SPA	2020/21-2	Wet	1/29/2021 9:30:00 AM	3/5/2021 4:59:00 AM	Phenol	n/a	<	3.5	µg/L	EPA 8270C	3.5	10	WKL	
MO-SPA	2020/21-2	Wet	1/29/2021 9:30:00 AM	2/9/2021 9:26:00 PM	Pyrene	n/a	<	2.5	µg/L	EPA 625.1	2.5	10	WKL	
MO-SPA	2020/21-2	Wet	1/29/2021 9:30:00 AM	2/27/2021 2:04:00 PM	Pyrene	n/a	<	0.4	µg/L	EPA 8270C	0.4	1	WKL	
MO-SPA	2020/21-2	Wet	1/29/2021 9:30:00 AM	2/16/2021 10:32:00 PM	PCB Aroclor 1016	n/a	<	5	µg/L	EPA 608.3	5	5	WKL	
MO-SPA	2020/21-2	Wet	1/29/2021 9:30:00 AM	2/16/2021 10:32:00 PM	PCB Aroclor 1221	n/a	<	5	µg/L	EPA 608.3	5	5	WKL	
MO-SPA	2020/21-2	Wet	1/29/2021 9:30:00 AM	2/16/2021 10:32:00 PM	PCB Aroclor 1232	n/a	<	5	µg/L	EPA 608.3	5	5	WKL	
MO-SPA	2020/21-2	Wet	1/29/2021 9:30:00 AM	2/16/2021 10:32:00 PM	PCB Aroclor 1242	n/a	<	5	µg/L	EPA 608.3	5	5	WKL	
MO-SPA	2020/21-2	Wet	1/29/2021 9:30:00 AM	2/16/2021 10:32:00 PM	PCB Aroclor 1248	n/a	<	5	µg/L	EPA 608.3	5	5	WKL	
MO-SPA	2020/21-2	Wet	1/29/2021 9:30:00 AM	2/16/2021 10:32:00 PM	PCB Aroclor 1254	n/a	<	5	µg/L	EPA 608.3	5	5	WKL	
MO-SPA	2020/21-2	Wet	1/29/2021 9:30:00 AM	2/16/2021 10:32:00 PM	PCB Aroclor 1260	n/a	<	5	µg/L	EPA 608.3	5	5	WKL	
MO-SPA	2020/21-2	Wet	1/29/2021 9:30:00 AM	2/13/2021 4:00:00 AM	2,4,5-T	n/a	<	0.55	µg/L	EPA 515.4	0.55	2	WKL	
MO-SPA	2020/21-2	Wet	1/29/2021 9:30:00 AM	2/13/2021 4:00:00 AM	2,4,5-TP	n/a	<	0.46	µg/L	EPA 515.4	0.46	2	WKL	
MO-SPA	2020/21-2	Wet	1/29/2021 9:30:00 AM	2/13/2021 4:00:00 AM	2,4-D	n/a	<	1.4	µg/L	EPA 515.4	1.4	4	WKL	
MO-SPA	2020/21-2	Wet	1/29/2021 9:30:00 AM	2/13/2021 4:00:00 AM	2,4-DB	n/a	<	1.9	µg/L	EPA 515.4	1.9	20	WKL	
MO-SPA	2020/21-2	Wet	1/29/2021 9:30:00 AM	2/13/2021 4:00:00 AM	3,5-Dichlorobenzoic acid	n/a	<	1.2	µg/L	EPA 515.4	1.2	10	WKL	
MO-SPA	2020/21-2	Wet	1/29/2021 9:30:00 AM	2/16/2021 10:32:00 PM	4,4'-DDD	n/a	<	0.007	µg/L	EPA 608.3	0.007	0.5	WKL	
MO-SPA	2020/21-2	Wet	1/29/2021 9:30:00 AM	2/16/2021 10:32:00 PM	4,4'-DDE	n/a	DNQ	0.029	µg/L	EPA 608.3	0.007	0.5	WKL	
MO-SPA	2020/21-2	Wet	1/29/2021 9:30:00 AM	2/16/2021 10:32:00 PM	4,4'-DDT	n/a	<	0.1	µg/L	EPA 608.3	0.1	0.1	WKL	
MO-SPA	2020/21-2	Wet	1/29/2021 9:30:00 AM	2/13/2021 4:00:00 AM	Acifluorfen	n/a	<	0.72	µg/L	EPA 515.4	0.72	4	WKL	
MO-SPA	2020/21-2	Wet	1/29/2021 9:30:00 AM	2/12/2021 8:13:00 AM	Alachlor	n/a	<	0.3	µg/L	EPA 525.2	0.3	1	WKL	
MO-SPA	2020/21-2	Wet	1/29/2021 9:30:00 AM	2/16/2021 10:32:00 PM	Aldrin	n/a	<	0.01	µg/L	EPA 608.3	0.01	0.05	WKL	
MO-SPA	2020/21-2	Wet	1/29/2021 9:30:00 AM	2/16/2021 10:32:00 PM	alpha-BHC	n/a	<	0.011	µg/L	EPA 608.3	0.011	0.1	WKL	
MO-SPA	2020/21-2	Wet	1/29/2021 9:30:00 AM	2/16/2021 10:32:00 PM	alpha-Chlordane	n/a	<	0.029	µg/L	EPA 608.3	0.029	0.1	WKL	
MO-SPA	2020/21-2	Wet	1/29/2021 9:30:00 AM	2/12/2021 8:13:00 AM	Atrazine	n/a	<	0.3	µg/L	EPA 525.2	0.3	1	WKL	
MO-SPA	2020/21-2	Wet	1/29/2021 9:30:00 AM	2/3/2021 8:28:00 PM	Azinphos methyl	n/a	<	0.028	µg/L	EPA 625.1m	0.028	0.05	WKL	
MO-SPA	2020/21-2	Wet	1/29/2021 9:30:00 AM	2/13/2021 4:00:00 AM	Bentazon	n/a	<	2.3	µg/L	EPA 515.4	2.3	20	WKL	
MO-SPA	2020/21-2	Wet	1/29/2021 9:30:00 AM	2/16/2021 10:32:00 PM	beta-BHC	n/a	<	0.05	µg/L	EPA 608.3	0.05	0.05	WKL	
MO-SPA	2020/21-2	Wet	1/29/2021 9:30:00 AM	2/3/2021 8:28:00 PM	Bolstar	n/a	<	0.023	µg/L	EPA 625.1m	0.023	0.05	WKL	
MO-SPA	2020/21-2	Wet	1/29/2021 9:30:00 AM	2/12/2021 8:13:00 AM	Bromacil	n/a	<	1.6	µg/L	EPA 525.2	1.6	5	WKL	
MO-SPA	2020/21-2	Wet	1/29/2021 9:30:00 AM	2/12/2021 8:13:00 AM	Butachlor	n/a	<	0.3	µg/L	EPA 525.2	0.3	1	WKL	
MO-SPA	2020/21-2	Wet	1/29/2021 9:30:00 AM	2/12/2021 8:13:00 AM	Captan	n/a	DNQ	3.3	µg/L	EPA 525.2	1.6	10	WKL	EST-LCSRPD
MO-SPA	2020/21-2	Wet	1/29/2021 9:30:00 AM	2/16/2021 10:32:00 PM	Chlordane (technical)	n/a	<	5	µg/L	EPA 608.3	5	5	WKL	
MO-SPA	2020/21-2	Wet	1/29/2021 9:30:00 AM	2/12/2021 8:13:00 AM	Chlorpropham	n/a	<	0.4	µg/L	EPA 525.2	0.4	1	WKL	
MO-SPA	2020/21-2	Wet	1/29/2021 9:30:00 AM	2/3/2021 8:28:00 PM	Chlorpyrifos	n/a	<	0.034	µg/L	EPA 625.1m	0.034	0.05	WKL	
MO-SPA	2020/21-2	Wet	1/29/2021 9:30:00 AM	2/3/2021 8:28:00 PM	Coumaphos	n/a	<	0.026	µg/L	EPA 625.1m	0.026	0.05	WKL	
MO-SPA	2020/21-2	Wet	1/29/2021 9:30:00 AM	2/12/2021 8:13:00 AM	Cyanazine	n/a	<	0.4	µg/L	EPA 525.2	0.4	1	WKL	
MO-SPA	2020/21-2	Wet	1/29/2021 9:30:00 AM	2/13/2021 4:00:00 AM	Dalapon	n/a	<	1.1	µg/L	EPA 515.4	1.1	4	WKL	
MO-SPA	2020/21-2	Wet	1/29/2021 9:30:00 AM	2/13/2021 4:00:00 AM	DCPA (Dacthal)	n/a	<	0.53	µg/L	EPA 515.4	0.53	1	WKL	
MO-SPA	2020/21-2	Wet	1/29/2021 9:30:00 AM	2/16/2021 10:32:00 PM	delta-BHC	n/a	<	0.019	µg/L	EPA 608.3	0.019	0.05	WKL	
MO-SPA	2020/21-2	Wet	1/29/2021 9:30:00 AM	2/3/2021 8:28:00 PM	Demeton-O	n/a	<	0.05	µg/L	EPA 625.1m	0.05	0.05	WKL	
MO-SPA	2020/21-2	Wet	1/29/2021 9:30:00 AM	2/3/2021 8:28:00 PM	Demeton-S	n/a	<	0.05	µg/L	EPA 625.1m	0.05	0.05	WKL	
MO-SPA	2020/21-2	Wet	1/29/2021 9:30:00 AM	2/12/2021 8:13:00 AM	Diazinon	n/a	<	0.5	µg/L	EPA 525.2	0.5	1	WKL	
MO-SPA	2020/21-2	Wet	1/29/2021 9:30:00 AM	2/3/2021 8:28:00 PM	Diazinon	n/a	<	0.026	µg/L	EPA 625.1m	0.026	0.05	WKL	
MO-SPA	2020/21-2	Wet	1/29/2021 9:30:00 AM	2/13/2021 4:00:00 AM	Dicamba	n/a	<	0.75	µg/L	EPA 515.4	0.75	6	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-SPA	2020/21-2	Wet	1/29/2021 9:30:00 AM	2/13/2021 4:00:00 AM	Dichlorprop	n/a	<	1.2	µg/L	EPA 515.4	1.2	3	WKL	
MO-SPA	2020/21-2	Wet	1/29/2021 9:30:00 AM	2/3/2021 8:28:00 PM	Dichlorvos	n/a	<	0.014	µg/L	EPA 625.1m	0.014	0.05	WKL	
MO-SPA	2020/21-2	Wet	1/29/2021 9:30:00 AM	2/16/2021 10:32:00 PM	Dieldrin	n/a	<	0.008	µg/L	EPA 608.3	0.008	0.1	WKL	
MO-SPA	2020/21-2	Wet	1/29/2021 9:30:00 AM	2/12/2021 8:13:00 AM	Dimethoate	n/a	<	0.2	µg/L	EPA 525.2	0.2	2	WKL	
MO-SPA	2020/21-2	Wet	1/29/2021 9:30:00 AM	2/3/2021 8:28:00 PM	Dimethoate	n/a	<	0.031	µg/L	EPA 625.1m	0.031	0.05	WKL	
MO-SPA	2020/21-2	Wet	1/29/2021 9:30:00 AM	2/13/2021 4:00:00 AM	Dinoseb	n/a	<	0.55	µg/L	EPA 515.4	0.55	4	WKL	
MO-SPA	2020/21-2	Wet	1/29/2021 9:30:00 AM	2/12/2021 8:13:00 AM	Diphenamid	n/a	<	0.3	µg/L	EPA 525.2	0.3	1	WKL	
MO-SPA	2020/21-2	Wet	1/29/2021 9:30:00 AM	2/12/2021 8:13:00 AM	Disulfoton	n/a	<	0.4	µg/L	EPA 525.2	0.4	1	WKL	
MO-SPA	2020/21-2	Wet	1/29/2021 9:30:00 AM	2/3/2021 8:28:00 PM	Disulfoton	n/a	<	0.05	µg/L	EPA 625.1m	0.05	0.05	WKL	
MO-SPA	2020/21-2	Wet	1/29/2021 9:30:00 AM	2/16/2021 10:32:00 PM	Endosulfan I	n/a	<	0.009	µg/L	EPA 608.3	0.009	0.2	WKL	
MO-SPA	2020/21-2	Wet	1/29/2021 9:30:00 AM	2/16/2021 10:32:00 PM	Endosulfan II	n/a	<	0.007	µg/L	EPA 608.3	0.007	0.1	WKL	
MO-SPA	2020/21-2	Wet	1/29/2021 9:30:00 AM	2/16/2021 10:32:00 PM	Endosulfan sulfate	n/a	<	0.013	µg/L	EPA 608.3	0.013	0.5	WKL	
MO-SPA	2020/21-2	Wet	1/29/2021 9:30:00 AM	2/16/2021 10:32:00 PM	Endrin	n/a	<	0.017	µg/L	EPA 608.3	0.017	0.1	WKL	
MO-SPA	2020/21-2	Wet	1/29/2021 9:30:00 AM	2/16/2021 10:32:00 PM	Endrin aldehyde	n/a	<	0.019	µg/L	EPA 608.3	0.019	0.1	WKL	
MO-SPA	2020/21-2	Wet	1/29/2021 9:30:00 AM	2/12/2021 8:13:00 AM	EPTC	n/a	<	0.2	µg/L	EPA 525.2	0.2	1	WKL	
MO-SPA	2020/21-2	Wet	1/29/2021 9:30:00 AM	2/3/2021 8:28:00 PM	Ethoprop	n/a	<	0.034	µg/L	EPA 625.1m	0.034	0.05	WKL	
MO-SPA	2020/21-2	Wet	1/29/2021 9:30:00 AM	2/3/2021 8:28:00 PM	Ethyl parathion	n/a	<	0.027	µg/L	EPA 625.1m	0.027	0.05	WKL	
MO-SPA	2020/21-2	Wet	1/29/2021 9:30:00 AM	2/3/2021 8:28:00 PM	Fensulfothion	n/a	<	0.014	µg/L	EPA 625.1m	0.014	0.05	WKL	
MO-SPA	2020/21-2	Wet	1/29/2021 9:30:00 AM	2/3/2021 8:28:00 PM	Fenthion	n/a	<	0.019	µg/L	EPA 625.1m	0.019	0.05	WKL	
MO-SPA	2020/21-2	Wet	1/29/2021 9:30:00 AM	2/16/2021 10:32:00 PM	gamma-BHC (Lindane)	n/a	<	0.2	µg/L	EPA 608.3	0.2	0.2	WKL	
MO-SPA	2020/21-2	Wet	1/29/2021 9:30:00 AM	2/16/2021 10:32:00 PM	gamma-Chlordane	n/a	<	0.1	µg/L	EPA 608.3	0.1	0.1	WKL	
MO-SPA	2020/21-2	Wet	1/29/2021 9:30:00 AM	2/3/2021 5:01:00 PM	Glyphosate	n/a	=	20	µg/L	EPA 547	1.8	5	WKL	
MO-SPA	2020/21-2	Wet	1/29/2021 9:30:00 AM	2/16/2021 10:32:00 PM	Heptachlor	n/a	<	0.006	µg/L	EPA 608.3	0.006	0.1	WKL	
MO-SPA	2020/21-2	Wet	1/29/2021 9:30:00 AM	2/16/2021 10:32:00 PM	Heptachlor epoxide	n/a	<	0.004	µg/L	EPA 608.3	0.004	0.1	WKL	
MO-SPA	2020/21-2	Wet	1/29/2021 9:30:00 AM	2/3/2021 8:28:00 PM	Malathion	n/a	<	0.038	µg/L	EPA 625.1m	0.038	0.05	WKL	
MO-SPA	2020/21-2	Wet	1/29/2021 9:30:00 AM	2/3/2021 8:28:00 PM	Merphos	n/a	<	0.029	µg/L	EPA 625.1m	0.029	0.05	WKL	
MO-SPA	2020/21-2	Wet	1/29/2021 9:30:00 AM	2/16/2021 10:32:00 PM	Methoxychlor	n/a	<	0.014	µg/L	EPA 608.3	0.014	0.2	WKL	
MO-SPA	2020/21-2	Wet	1/29/2021 9:30:00 AM	2/3/2021 8:28:00 PM	Methyl parathion	n/a	<	0.032	µg/L	EPA 625.1m	0.032	0.05	WKL	
MO-SPA	2020/21-2	Wet	1/29/2021 9:30:00 AM	2/12/2021 8:13:00 AM	Metolachlor	n/a	<	0.3	µg/L	EPA 525.2	0.3	1	WKL	
MO-SPA	2020/21-2	Wet	1/29/2021 9:30:00 AM	2/12/2021 8:13:00 AM	Metribuzin	n/a	<	0.3	µg/L	EPA 525.2	0.3	1	WKL	
MO-SPA	2020/21-2	Wet	1/29/2021 9:30:00 AM	2/3/2021 8:28:00 PM	Mevinphos	n/a	<	0.021	µg/L	EPA 625.1m	0.021	0.05	WKL	
MO-SPA	2020/21-2	Wet	1/29/2021 9:30:00 AM	2/12/2021 8:13:00 AM	Molinate	n/a	<	0.3	µg/L	EPA 525.2	0.3	1	WKL	
MO-SPA	2020/21-2	Wet	1/29/2021 9:30:00 AM	2/3/2021 8:28:00 PM	Naled	n/a	<	0.038	µg/L	EPA 625.1m	0.038	0.05	WKL	
MO-SPA	2020/21-2	Wet	1/29/2021 9:30:00 AM	2/13/2021 4:00:00 AM	Pentachlorophenol	n/a	<	0.46	µg/L	EPA 515.4	0.46	2	WKL	
MO-SPA	2020/21-2	Wet	1/29/2021 9:30:00 AM	2/9/2021 9:26:00 PM	Pentachlorophenol	n/a	<	4	µg/L	EPA 625.1	4	10	WKL	
MO-SPA	2020/21-2	Wet	1/29/2021 9:30:00 AM	3/5/2021 4:59:00 AM	Pentachlorophenol	n/a	DNQ	2	µg/L	EPA 8270C	1.5	10	WKL	
MO-SPA	2020/21-2	Wet	1/29/2021 9:30:00 AM	2/3/2021 8:28:00 PM	Phorate	n/a	<	0.015	µg/L	EPA 625.1m	0.015	0.05	WKL	
MO-SPA	2020/21-2	Wet	1/29/2021 9:30:00 AM	2/13/2021 4:00:00 AM	Picloram	n/a	<	0.38	µg/L	EPA 515.4	0.38	6	WKL	
MO-SPA	2020/21-2	Wet	1/29/2021 9:30:00 AM	2/12/2021 8:13:00 AM	Prometon	n/a	<	0.1	µg/L	EPA 525.2	0.1	1	WKL	
MO-SPA	2020/21-2	Wet	1/29/2021 9:30:00 AM	2/12/2021 8:13:00 AM	Prometryn	n/a	<	0.3	µg/L	EPA 525.2	0.3	1	WKL	
MO-SPA	2020/21-2	Wet	1/29/2021 9:30:00 AM	2/3/2021 8:28:00 PM	Ronnel (Fenchlorphos)	n/a	<	0.02	µg/L	EPA 625.1m	0.02	0.05	WKL	
MO-SPA	2020/21-2	Wet	1/29/2021 9:30:00 AM	2/12/2021 8:13:00 AM	Simazine	n/a	<	0.2	µg/L	EPA 525.2	0.2	1	WKL	
MO-SPA	2020/21-2	Wet	1/29/2021 9:30:00 AM	2/3/2021 8:28:00 PM	Stirophos (Tetrachlorvinphos)	n/a	<	0.016	µg/L	EPA 625.1m	0.016	0.05	WKL	
MO-SPA	2020/21-2	Wet	1/29/2021 9:30:00 AM	2/12/2021 8:13:00 AM	Terbacil	n/a	<	0.9	µg/L	EPA 525.2	0.9	20	WKL	
MO-SPA	2020/21-2	Wet	1/29/2021 9:30:00 AM	2/12/2021 8:13:00 AM	Thiobencarb	n/a	<	0.3	µg/L	EPA 525.2	0.3	1	WKL	
MO-SPA	2020/21-2	Wet	1/29/2021 9:30:00 AM	2/3/2021 8:28:00 PM	Tokuthion	n/a	<	0.039	µg/L	EPA 625.1m	0.039	0.05	WKL	
MO-SPA	2020/21-2	Wet	1/29/2021 9:30:00 AM	2/16/2021 10:32:00 PM	Toxaphene	n/a	<	10	µg/L	EPA 608.3	10	10	WKL	
MO-SPA	2020/21-2	Wet	1/29/2021 9:30:00 AM	2/3/2021 8:28:00 PM	Trichloronate	n/a	<	0.034	µg/L	EPA 625.1m	0.034	0.05	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-SPA	2020/21-2	Wet	1/29/2021 9:30:00 AM	2/12/2021 8:13:00 AM	Trithion	n/a	<	0.2	µg/L	EPA 525.2	0.2	1	WKL	
MO-SPA	2020/21-3	Wet	3/10/2021 1:40:00 AM	3/10/2021 1:40:00 AM	Conductivity	n/a	=	124.1	µmhos/cm	Field Meter	-88	1	Field Crew	
MO-SPA	2020/21-3	Wet	3/10/2021 1:40:00 AM	3/15/2021 4:33:00 PM	Cyanide	Total	=	0.0051	mg/L	ASTM D7511	0.0003	0.002	WKL	
MO-SPA	2020/21-3	Wet	3/10/2021 1:40:00 AM	3/10/2021 1:40:00 AM	DO	n/a	=	92.5	%	Field Meter	-88	0.1	Field Crew	
MO-SPA	2020/21-3	Wet	3/10/2021 1:40:00 AM	3/10/2021 1:40:00 AM	DO	n/a	=	9.48	mg/L	Field Meter	-88	0.3	Field Crew	
MO-SPA	2020/21-3	Wet	3/10/2021 1:40:00 AM	3/10/2021 1:40:00 AM	pH	n/a	=	7.31	pH Units	Field Meter	-88	0.01	Field Crew	
MO-SPA	2020/21-3	Wet	3/10/2021 1:40:00 AM	3/10/2021 1:40:00 AM	Salinity	n/a	=	100	mg/L	Field Meter	-88	100	Field Crew	
MO-SPA	2020/21-3	Wet	3/10/2021 1:40:00 AM	3/10/2021 1:40:00 AM	Specific Conductance	n/a	=	160.5	µmhos/cm	Field Meter	-88	1	Field Crew	
MO-SPA	2020/21-3	Wet	3/10/2021 1:40:00 AM	3/10/2021 1:40:00 AM	Temperature	n/a	=	13	°C	Field Meter	-88	0.1	Field Crew	
MO-SPA	2020/21-3	Wet	3/10/2021 1:40:00 AM	3/24/2021 5:28:00 PM	Oil and Grease	n/a	DNQ	1.3	mg/L	EPA 1664B	0.7	5	WKL	
MO-SPA	2020/21-3	Wet	3/10/2021 5:20:00 AM	3/13/2021 12:51:00 AM	Chloride	n/a	=	12	mg/L	EPA 300.0	0.17	1	WKL	
MO-SPA	2020/21-3	Wet	3/10/2021 5:20:00 AM	3/13/2021 12:51:00 AM	Fluoride	n/a	DNQ	0.14	mg/L	EPA 300.0	0.018	0.2	WKL	
MO-SPA	2020/21-3	Wet	3/10/2021 5:20:00 AM	3/20/2021 2:08:00 PM	Perchlorate	n/a	<	1.7	µg/L	EPA 314.0	1.7	4	WKL	
MO-SPA	2020/21-3	Wet	3/10/2021 5:20:00 AM	3/19/2021 5:20:00 AM	Calcium	Total	=	23.5	mg/L	EPA 200.7	0.16	0.5	WKL	
MO-SPA	2020/21-3	Wet	3/10/2021 5:20:00 AM	3/19/2021 7:06:00 PM	Magnesium	Total	=	5.09	mg/L	EPA 200.7	0.039	0.5	WKL	
MO-SPA	2020/21-3	Wet	3/10/2021 5:20:00 AM	3/11/2021 12:50:00 PM	Alkalinity as CaCO3	n/a	=	29	mg/L	SM 2320 B	0.56	5	WKL	
MO-SPA	2020/21-3	Wet	3/10/2021 5:20:00 AM	3/16/2021 4:49:00 PM	BOD	n/a	=	53	mg/L	SM 5210 B	2	2	WKL	
MO-SPA	2020/21-3	Wet	3/10/2021 5:20:00 AM	3/18/2021 11:46:00 AM	COD	n/a	=	220	mg/L	EPA 410.4	2.9	5	WKL	
MO-SPA	2020/21-3	Wet	3/10/2021 5:20:00 AM	3/19/2021 7:06:00 PM	Hardness as CaCO3	Total	=	79.8	mg/L	EPA 200.7	0.56	3.31	WKL	
MO-SPA	2020/21-3	Wet	3/10/2021 5:20:00 AM	3/11/2021 8:35:00 PM	MBAS	n/a	=	0.39	mg/L	SM 5540 C	0.017	0.05	WKL	
MO-SPA	2020/21-3	Wet	3/10/2021 5:20:00 AM	3/23/2021 1:45:00 PM	Phenolics	n/a	=	0.19	mg/L	EPA 420.4	0.0032	0.01	WKL	
MO-SPA	2020/21-3	Wet	3/10/2021 5:20:00 AM	3/15/2021 5:20:00 AM	Specific Conductance	n/a	=	330	µmhos/cm	SM 2510 B	0.23	2	WKL	
MO-SPA	2020/21-3	Wet	3/10/2021 5:20:00 AM	3/15/2021 6:00:00 PM	Total Dissolved Solids	n/a	=	170	mg/L	SM 2540 C	4	10	WKL	
MO-SPA	2020/21-3	Wet	3/10/2021 5:20:00 AM	4/5/2021	Total Organic Carbon	n/a	=	57	mg/L	SM 5310 B	1	1	WKL	
MO-SPA	2020/21-3	Wet	3/10/2021 5:20:00 AM	3/12/2021 4:29:00 PM	Total Suspended Solids	n/a	=	180	mg/L	SM 2540 D	-88	5	WKL	
MO-SPA	2020/21-3	Wet	3/10/2021 5:20:00 AM	3/11/2021 5:05:00 PM	Turbidity	n/a	=	18	NTU	EPA 180.1	0.017	0.1	WKL	
MO-SPA	2020/21-3	Wet	3/10/2021 5:20:00 AM	3/12/2021 4:29:00 PM	Volatile Suspended Solids	n/a	=	54	mg/L	EPA 160.4	3.1	5	WKL	
MO-SPA	2020/21-3	Wet	3/10/2021 5:20:00 AM	3/26/2021 12:08:00 AM	Diesel Range Organics	n/a	=	2.2	mg/L	EPA 8015B	0.064	0.2	WKL	
MO-SPA	2020/21-3	Wet	3/10/2021 5:20:00 AM	3/26/2021 12:08:00 AM	Oil Range Organics	n/a	=	1.8	mg/L	EPA 8015B	0.66	1	WKL	
MO-SPA	2020/21-3	Wet	3/10/2021 5:20:00 AM	3/17/2021 4:43:00 PM	Aluminum	Dissolved	=	52	µg/L	EPA 200.8	4.4	20	WKL	
MO-SPA	2020/21-3	Wet	3/10/2021 5:20:00 AM	3/17/2021 4:46:00 PM	Aluminum	Total	=	3200	µg/L	EPA 200.8	4.4	20	WKL	
MO-SPA	2020/21-3	Wet	3/10/2021 5:20:00 AM	3/17/2021 4:43:00 PM	Antimony	Dissolved	=	0.99	µg/L	EPA 200.8	0.089	0.5	WKL	
MO-SPA	2020/21-3	Wet	3/10/2021 5:20:00 AM	3/17/2021 4:46:00 PM	Antimony	Total	=	1.8	µg/L	EPA 200.8	0.089	0.5	WKL	
MO-SPA	2020/21-3	Wet	3/10/2021 5:20:00 AM	3/17/2021 4:43:00 PM	Arsenic	Dissolved	=	1.2	µg/L	EPA 200.8	0.074	0.4	WKL	
MO-SPA	2020/21-3	Wet	3/10/2021 5:20:00 AM	3/17/2021 4:46:00 PM	Arsenic	Total	=	2.3	µg/L	EPA 200.8	0.074	0.4	WKL	
MO-SPA	2020/21-3	Wet	3/10/2021 5:20:00 AM	3/17/2021 4:46:00 PM	Barium	Total	=	73	µg/L	EPA 200.8	0.14	1	WKL	
MO-SPA	2020/21-3	Wet	3/10/2021 5:20:00 AM	3/17/2021 4:43:00 PM	Beryllium	Dissolved	<	0.062	µg/L	EPA 200.8	0.062	0.1	WKL	
MO-SPA	2020/21-3	Wet	3/10/2021 5:20:00 AM	3/17/2021 4:46:00 PM	Beryllium	Total	=	0.12	µg/L	EPA 200.8	0.062	0.1	WKL	
MO-SPA	2020/21-3	Wet	3/10/2021 5:20:00 AM	3/17/2021 4:43:00 PM	Cadmium	Dissolved	DNQ	0.13	µg/L	EPA 200.8	0.042	0.2	WKL	
MO-SPA	2020/21-3	Wet	3/10/2021 5:20:00 AM	3/17/2021 4:46:00 PM	Cadmium	Total	=	0.48	µg/L	EPA 200.8	0.042	0.2	WKL	
MO-SPA	2020/21-3	Wet	3/10/2021 5:20:00 AM	3/17/2021 4:43:00 PM	Chromium	Dissolved	=	1.1	µg/L	EPA 200.8	0.089	0.2	WKL	
MO-SPA	2020/21-3	Wet	3/10/2021 5:20:00 AM	3/17/2021 4:46:00 PM	Chromium	Total	=	7.2	µg/L	EPA 200.8	0.089	0.2	WKL	
MO-SPA	2020/21-3	Wet	3/10/2021 5:20:00 AM	3/22/2021 2:38:00 PM	Chromium VI	n/a	=	0.41	µg/L	EPA 218.6	0.0079	0.02	WKL	
MO-SPA	2020/21-3	Wet	3/10/2021 5:20:00 AM	3/17/2021 4:43:00 PM	Copper	Dissolved	=	19	µg/L	EPA 200.8	0.23	0.5	WKL	
MO-SPA	2020/21-3	Wet	3/10/2021 5:20:00 AM	3/17/2021 4:46:00 PM	Copper	Total	=	36	µg/L	EPA 200.8	0.23	0.5	WKL	
MO-SPA	2020/21-3	Wet	3/10/2021 5:20:00 AM	3/17/2021 4:43:00 PM	Iron	Dissolved	=	120	µg/L	EPA 200.8	3.9	20	WKL	
MO-SPA	2020/21-3	Wet	3/10/2021 5:20:00 AM	3/17/2021 4:46:00 PM	Iron	Total	=	4600	µg/L	EPA 200.8	3.9	20	WKL	
MO-SPA	2020/21-3	Wet	3/10/2021 5:20:00 AM	3/17/2021 4:43:00 PM	Lead	Dissolved	=	1.2	µg/L	EPA 200.8	0.083	0.2	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-SPA	2020/21-3	Wet	3/10/2021 5:20:00 AM	3/17/2021 4:46:00 PM	Lead	Total	=	14	µg/L	EPA 200.8	0.083	0.2	WKL	
MO-SPA	2020/21-3	Wet	3/10/2021 5:20:00 AM	3/18/2021 3:25:00 PM	Mercury	Dissolved	<	17	ng/L	EPA 245.1	17	50	WKL	
MO-SPA	2020/21-3	Wet	3/10/2021 5:20:00 AM	3/18/2021 3:27:00 PM	Mercury	Total	DNQ	29	ng/L	EPA 245.1	17	50	WKL	
MO-SPA	2020/21-3	Wet	3/10/2021 5:20:00 AM	3/17/2021 4:43:00 PM	Nickel	Dissolved	=	7.6	µg/L	EPA 200.8	0.16	2	WKL	
MO-SPA	2020/21-3	Wet	3/10/2021 5:20:00 AM	3/17/2021 4:46:00 PM	Nickel	Total	=	13	µg/L	EPA 200.8	0.16	2	WKL	
MO-SPA	2020/21-3	Wet	3/10/2021 5:20:00 AM	3/17/2021 4:43:00 PM	Selenium	Dissolved	=	0.59	µg/L	EPA 200.8	0.067	0.4	WKL	
MO-SPA	2020/21-3	Wet	3/10/2021 5:20:00 AM	3/17/2021 4:46:00 PM	Selenium	Total	=	0.72	µg/L	EPA 200.8	0.067	0.4	WKL	
MO-SPA	2020/21-3	Wet	3/10/2021 5:20:00 AM	3/17/2021 4:43:00 PM	Silver	Dissolved	<	0.03	µg/L	EPA 200.8	0.03	0.2	WKL	
MO-SPA	2020/21-3	Wet	3/10/2021 5:20:00 AM	3/17/2021 4:46:00 PM	Silver	Total	DNQ	0.065	µg/L	EPA 200.8	0.03	0.2	WKL	
MO-SPA	2020/21-3	Wet	3/10/2021 5:20:00 AM	3/17/2021 4:43:00 PM	Thallium	Dissolved	<	0.021	µg/L	EPA 200.8	0.021	0.2	WKL	
MO-SPA	2020/21-3	Wet	3/10/2021 5:20:00 AM	3/17/2021 4:46:00 PM	Thallium	Total	DNQ	0.044	µg/L	EPA 200.8	0.021	0.2	WKL	
MO-SPA	2020/21-3	Wet	3/10/2021 5:20:00 AM	3/17/2021 4:43:00 PM	Zinc	Dissolved	=	110	µg/L	EPA 200.8	0.8	10	WKL	
MO-SPA	2020/21-3	Wet	3/10/2021 5:20:00 AM	3/17/2021 4:46:00 PM	Zinc	Total	=	220	µg/L	EPA 200.8	0.8	10	WKL	
MO-SPA	2020/21-3	Wet	3/10/2021 5:20:00 AM	3/18/2021 5:20:00 PM	Ammonia as N	n/a	=	1.2	mg/L	EPA 350.1	0.047	0.1	WKL	
MO-SPA	2020/21-3	Wet	3/10/2021 5:20:00 AM	3/11/2021 7:13:00 PM	Nitrate + Nitrite as N	n/a	=	1.6	mg/L	EPA 353.2	0.036	0.2	WKL	
MO-SPA	2020/21-3	Wet	3/10/2021 5:20:00 AM	3/19/2021 7:03:00 PM	Phosphorus as P	Dissolved	=	0.34	mg/L	EPA 200.7	0.012	0.02	WKL	
MO-SPA	2020/21-3	Wet	3/10/2021 5:20:00 AM	3/19/2021 7:06:00 PM	Phosphorus as P	Total	=	0.9	mg/L	EPA 200.7	0.018	0.05	WKL	
MO-SPA	2020/21-3	Wet	3/10/2021 5:20:00 AM	3/19/2021 4:03:00 PM	TKN	n/a	=	4.8	mg/L	EPA 351.2	0.065	0.1	WKL	
MO-SPA	2020/21-3	Wet	3/10/2021 5:20:00 AM	4/2/2021 2:51:00 AM	1,2,4-Trichlorobenzene	n/a	<	4.9	µg/L	EPA 625.1	4.9	10	WKL	
MO-SPA	2020/21-3	Wet	3/10/2021 5:20:00 AM	4/2/2021 2:51:00 AM	1,2-Dichlorobenzene	n/a	<	4.6	µg/L	EPA 625.1	4.6	10	WKL	
MO-SPA	2020/21-3	Wet	3/10/2021 5:20:00 AM	4/2/2021 2:51:00 AM	1,2-Diphenylhydrazine	n/a	<	3	µg/L	EPA 625.1	3	10	WKL	
MO-SPA	2020/21-3	Wet	3/10/2021 5:20:00 AM	4/2/2021 2:51:00 AM	1,3-Dichlorobenzene	n/a	<	4.2	µg/L	EPA 625.1	4.2	10	WKL	
MO-SPA	2020/21-3	Wet	3/10/2021 5:20:00 AM	4/2/2021 2:51:00 AM	1,4-Dichlorobenzene	n/a	<	4.8	µg/L	EPA 625.1	4.8	10	WKL	
MO-SPA	2020/21-3	Wet	3/10/2021 5:20:00 AM	3/27/2021 5:19:00 AM	1-Methylnaphthalene	n/a	<	0.24	µg/L	EPA 8270C	0.24	1	WKL	
MO-SPA	2020/21-3	Wet	3/10/2021 5:20:00 AM	3/26/2021 3:50:00 AM	2,4,5-Trichlorophenol	n/a	<	2.9	µg/L	EPA 8270C	2.9	10	WKL	
MO-SPA	2020/21-3	Wet	3/10/2021 5:20:00 AM	3/26/2021 3:50:00 AM	2,4,6-Trichlorophenol	n/a	<	3	µg/L	EPA 8270C	3	10	WKL	
MO-SPA	2020/21-3	Wet	3/10/2021 5:20:00 AM	4/2/2021 2:51:00 AM	2,4,6-Trichlorophenol	n/a	<	2.2	µg/L	EPA 625.1	2.2	10	WKL	
MO-SPA	2020/21-3	Wet	3/10/2021 5:20:00 AM	3/26/2021 3:50:00 AM	2,4-Dichlorophenol	n/a	<	5.1	µg/L	EPA 8270C	5.1	10	WKL	
MO-SPA	2020/21-3	Wet	3/10/2021 5:20:00 AM	4/2/2021 2:51:00 AM	2,4-Dichlorophenol	n/a	<	2.6	µg/L	EPA 625.1	2.6	10	WKL	
MO-SPA	2020/21-3	Wet	3/10/2021 5:20:00 AM	4/2/2021 2:51:00 AM	2,4-Dimethylphenol	n/a	<	3	µg/L	EPA 625.1	3	10	WKL	
MO-SPA	2020/21-3	Wet	3/10/2021 5:20:00 AM	3/26/2021 3:50:00 AM	2,4-Dimethylphenol	n/a	<	10	µg/L	EPA 8270C	10	20	WKL	
MO-SPA	2020/21-3	Wet	3/10/2021 5:20:00 AM	3/26/2021 3:50:00 AM	2,4-Dinitrophenol	n/a	<	10	µg/L	EPA 8270C	10	20	WKL	
MO-SPA	2020/21-3	Wet	3/10/2021 5:20:00 AM	4/2/2021 2:51:00 AM	2,4-Dinitrophenol	n/a	<	19	µg/L	EPA 625.1	19	100	WKL	
MO-SPA	2020/21-3	Wet	3/10/2021 5:20:00 AM	4/2/2021 2:51:00 AM	2,4-Dinitrotoluene	n/a	<	1.8	µg/L	EPA 625.1	1.8	10	WKL	
MO-SPA	2020/21-3	Wet	3/10/2021 5:20:00 AM	4/2/2021 2:51:00 AM	2,6-Dinitrotoluene	n/a	<	2.7	µg/L	EPA 625.1	2.7	10	WKL	
MO-SPA	2020/21-3	Wet	3/10/2021 5:20:00 AM	4/2/2021 2:51:00 AM	2-Chloronaphthalene	n/a	<	4.5	µg/L	EPA 625.1	4.5	10	WKL	
MO-SPA	2020/21-3	Wet	3/10/2021 5:20:00 AM	3/26/2021 3:50:00 AM	2-Chlorophenol	n/a	<	6.5	µg/L	EPA 8270C	6.5	10	WKL	
MO-SPA	2020/21-3	Wet	3/10/2021 5:20:00 AM	4/2/2021 2:51:00 AM	2-Chlorophenol	n/a	<	2.8	µg/L	EPA 625.1	2.8	10	WKL	
MO-SPA	2020/21-3	Wet	3/10/2021 5:20:00 AM	3/27/2021 5:19:00 AM	2-Methylnaphthalene	n/a	<	0.26	µg/L	EPA 8270C	0.26	1	WKL	
MO-SPA	2020/21-3	Wet	3/10/2021 5:20:00 AM	3/26/2021 3:50:00 AM	2-Methylphenol	n/a	<	3.4	µg/L	EPA 8270C	3.4	10	WKL	
MO-SPA	2020/21-3	Wet	3/10/2021 5:20:00 AM	4/2/2021 2:51:00 AM	2-Nitrophenol	n/a	<	2.6	µg/L	EPA 625.1	2.6	10	WKL	
MO-SPA	2020/21-3	Wet	3/10/2021 5:20:00 AM	3/26/2021 3:50:00 AM	2-Nitrophenol	n/a	<	7.1	µg/L	EPA 8270C	7.1	10	WKL	
MO-SPA	2020/21-3	Wet	3/10/2021 5:20:00 AM	4/2/2021 2:51:00 AM	3,3'-Dichlorobenzidine	n/a	<	9.9	µg/L	EPA 625.1	9.9	50	WKL	
MO-SPA	2020/21-3	Wet	3/10/2021 5:20:00 AM	3/26/2021 3:50:00 AM	3-/4-Methylphenol	n/a	<	3	µg/L	EPA 8270C	3	10	WKL	
MO-SPA	2020/21-3	Wet	3/10/2021 5:20:00 AM	3/26/2021 3:50:00 AM	4,6-Dinitro-2-methylphenol	n/a	<	1.4	µg/L	EPA 8270C	1.4	10	WKL	
MO-SPA	2020/21-3	Wet	3/10/2021 5:20:00 AM	4/2/2021 2:51:00 AM	4,6-Dinitro-2-methylphenol	n/a	<	14	µg/L	EPA 625.1	14	50	WKL	
MO-SPA	2020/21-3	Wet	3/10/2021 5:20:00 AM	4/2/2021 2:51:00 AM	4-Bromophenyl phenyl ether	n/a	<	3.6	µg/L	EPA 625.1	3.6	10	WKL	
MO-SPA	2020/21-3	Wet	3/10/2021 5:20:00 AM	3/26/2021 3:50:00 AM	4-Chloro-3-methylphenol	n/a	<	3.7	µg/L	EPA 8270C	3.7	10	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-SPA	2020/21-3	Wet	3/10/2021 5:20:00 AM	4/2/2021 2:51:00 AM	4-Chloro-3-methylphenol	n/a	<	2.3	µg/L	EPA 625.1	2.3	10	WKL	
MO-SPA	2020/21-3	Wet	3/10/2021 5:20:00 AM	4/2/2021 2:51:00 AM	4-Chlorophenyl phenyl ether	n/a	<	4.1	µg/L	EPA 625.1	4.1	10	WKL	
MO-SPA	2020/21-3	Wet	3/10/2021 5:20:00 AM	4/2/2021 2:51:00 AM	4-Nitrophenol	n/a	<	12	µg/L	EPA 625.1	12	50	WKL	
MO-SPA	2020/21-3	Wet	3/10/2021 5:20:00 AM	3/26/2021 3:50:00 AM	4-Nitrophenol	n/a	<	10	µg/L	EPA 8270C	10	20	WKL	
MO-SPA	2020/21-3	Wet	3/10/2021 5:20:00 AM	4/2/2021 2:51:00 AM	Acenaphthene	n/a	<	3.8	µg/L	EPA 625.1	3.8	10	WKL	
MO-SPA	2020/21-3	Wet	3/10/2021 5:20:00 AM	3/27/2021 5:19:00 AM	Acenaphthene	n/a	<	0.28	µg/L	EPA 8270C	0.28	1	WKL	
MO-SPA	2020/21-3	Wet	3/10/2021 5:20:00 AM	4/2/2021 2:51:00 AM	Acenaphthylene	n/a	<	1.7	µg/L	EPA 625.1	1.7	10	WKL	
MO-SPA	2020/21-3	Wet	3/10/2021 5:20:00 AM	3/27/2021 5:19:00 AM	Acenaphthylene	n/a	<	0.33	µg/L	EPA 8270C	0.33	1	WKL	
MO-SPA	2020/21-3	Wet	3/10/2021 5:20:00 AM	4/2/2021 2:51:00 AM	Anthracene	n/a	<	1.2	µg/L	EPA 625.1	1.2	10	WKL	
MO-SPA	2020/21-3	Wet	3/10/2021 5:20:00 AM	3/27/2021 5:19:00 AM	Anthracene	n/a	<	0.25	µg/L	EPA 8270C	0.25	1	WKL	
MO-SPA	2020/21-3	Wet	3/10/2021 5:20:00 AM	3/27/2021 5:19:00 AM	Benz(a)anthracene	n/a	<	0.51	µg/L	EPA 8270C	0.51	1	WKL	
MO-SPA	2020/21-3	Wet	3/10/2021 5:20:00 AM	4/2/2021 2:51:00 AM	Benz(a)anthracene	n/a	<	1.9	µg/L	EPA 625.1	1.9	10	WKL	
MO-SPA	2020/21-3	Wet	3/10/2021 5:20:00 AM	4/2/2021 2:51:00 AM	Benzenidine	n/a	<	14	µg/L	EPA 625.1	14	100	WKL	
MO-SPA	2020/21-3	Wet	3/10/2021 5:20:00 AM	3/17/2021 6:22:00 AM	Benzo(a)pyrene	n/a	<	0.08	µg/L	EPA 525.2	0.08	0.4	WKL	
MO-SPA	2020/21-3	Wet	3/10/2021 5:20:00 AM	4/2/2021 2:51:00 AM	Benzo(a)pyrene	n/a	<	3.9	µg/L	EPA 625.1	3.9	10	WKL	
MO-SPA	2020/21-3	Wet	3/10/2021 5:20:00 AM	3/27/2021 5:19:00 AM	Benzo(a)pyrene	n/a	<	0.51	µg/L	EPA 8270C	0.51	1	WKL	
MO-SPA	2020/21-3	Wet	3/10/2021 5:20:00 AM	3/27/2021 5:19:00 AM	Benzo(b)fluoranthene	n/a	DNQ	0.36	µg/L	EPA 8270C	0.27	1	WKL	UL-IP, UL-MB
MO-SPA	2020/21-3	Wet	3/10/2021 5:20:00 AM	4/2/2021 2:51:00 AM	Benzo(b)fluoranthene	n/a	<	4.6	µg/L	EPA 625.1	4.6	10	WKL	
MO-SPA	2020/21-3	Wet	3/10/2021 5:20:00 AM	4/2/2021 2:51:00 AM	Benzo(g,h,i)perylene	n/a	<	4.2	µg/L	EPA 625.1	4.2	20	WKL	
MO-SPA	2020/21-3	Wet	3/10/2021 5:20:00 AM	3/27/2021 5:19:00 AM	Benzo(g,h,i)perylene	n/a	<	0.5	µg/L	EPA 8270C	0.5	1	WKL	
MO-SPA	2020/21-3	Wet	3/10/2021 5:20:00 AM	3/27/2021 5:19:00 AM	Benzo(k)fluoranthene	n/a	DNQ	0.28	µg/L	EPA 8270C	0.26	1	WKL	UL-IP, UL-MB
MO-SPA	2020/21-3	Wet	3/10/2021 5:20:00 AM	4/2/2021 2:51:00 AM	Benzo(k)fluoranthene	n/a	<	2.2	µg/L	EPA 625.1	2.2	10	WKL	
MO-SPA	2020/21-3	Wet	3/10/2021 5:20:00 AM	4/2/2021 2:51:00 AM	Bis(2-chloroethoxy)methane	n/a	<	2.5	µg/L	EPA 625.1	2.5	10	WKL	
MO-SPA	2020/21-3	Wet	3/10/2021 5:20:00 AM	4/2/2021 2:51:00 AM	Bis(2-chloroethyl)ether	n/a	<	2.7	µg/L	EPA 625.1	2.7	10	WKL	
MO-SPA	2020/21-3	Wet	3/10/2021 5:20:00 AM	4/2/2021 2:51:00 AM	Bis(2-chloroisopropyl)ether	n/a	<	3.8	µg/L	EPA 625.1	3.8	10	WKL	
MO-SPA	2020/21-3	Wet	3/10/2021 5:20:00 AM	3/17/2021 6:22:00 AM	Bis(2-ethylhexyl)adipate	n/a	DNQ	2.3	µg/L	EPA 525.2	0.48	20	WKL	HB-LCSR
MO-SPA	2020/21-3	Wet	3/10/2021 5:20:00 AM	3/17/2021 6:22:00 AM	Bis(2-ethylhexyl)phthalate	n/a	DNQ	4.3	µg/L	EPA 525.2	1.6	12	WKL	UL-MB
MO-SPA	2020/21-3	Wet	3/10/2021 5:20:00 AM	4/2/2021 2:51:00 AM	Bis(2-ethylhexyl)phthalate	n/a	<	23	µg/L	EPA 625.1	23	50	WKL	
MO-SPA	2020/21-3	Wet	3/10/2021 5:20:00 AM	4/2/2021 2:51:00 AM	Butyl benzyl phthalate	n/a	DNQ	4.2	µg/L	EPA 625.1	1.8	10	WKL	
MO-SPA	2020/21-3	Wet	3/10/2021 5:20:00 AM	4/2/2021 2:51:00 AM	Chrysene	n/a	<	1.9	µg/L	EPA 625.1	1.9	10	WKL	
MO-SPA	2020/21-3	Wet	3/10/2021 5:20:00 AM	3/27/2021 5:19:00 AM	Chrysene	n/a	<	0.32	µg/L	EPA 8270C	0.32	1	WKL	
MO-SPA	2020/21-3	Wet	3/10/2021 5:20:00 AM	3/27/2021 5:19:00 AM	Dibenz(a,h)anthracene	n/a	<	0.96	µg/L	EPA 8270C	0.96	1	WKL	
MO-SPA	2020/21-3	Wet	3/10/2021 5:20:00 AM	4/2/2021 2:51:00 AM	Dibenz(a,h)anthracene	n/a	<	5.3	µg/L	EPA 625.1	5.3	20	WKL	
MO-SPA	2020/21-3	Wet	3/10/2021 5:20:00 AM	4/2/2021 2:51:00 AM	Diethyl phthalate	n/a	<	1.5	µg/L	EPA 625.1	1.5	10	WKL	
MO-SPA	2020/21-3	Wet	3/10/2021 5:20:00 AM	4/2/2021 2:51:00 AM	Dimethyl phthalate	n/a	<	1.8	µg/L	EPA 625.1	1.8	10	WKL	
MO-SPA	2020/21-3	Wet	3/10/2021 5:20:00 AM	4/2/2021 2:51:00 AM	Di-n-butylphthalate	n/a	DNQ	1.3	µg/L	EPA 625.1	1	10	WKL	
MO-SPA	2020/21-3	Wet	3/10/2021 5:20:00 AM	4/2/2021 2:51:00 AM	Di-n-octylphthalate	n/a	<	4.6	µg/L	EPA 625.1	4.6	10	WKL	
MO-SPA	2020/21-3	Wet	3/10/2021 5:20:00 AM	3/27/2021 5:19:00 AM	Fluoranthene	n/a	<	0.39	µg/L	EPA 8270C	0.39	1	WKL	
MO-SPA	2020/21-3	Wet	3/10/2021 5:20:00 AM	4/2/2021 2:51:00 AM	Fluoranthene	n/a	<	0.8	µg/L	EPA 625.1	0.8	10	WKL	
MO-SPA	2020/21-3	Wet	3/10/2021 5:20:00 AM	3/27/2021 5:19:00 AM	Fluorene	n/a	<	0.29	µg/L	EPA 8270C	0.29	1	WKL	
MO-SPA	2020/21-3	Wet	3/10/2021 5:20:00 AM	4/2/2021 2:51:00 AM	Fluorene	n/a	<	3.5	µg/L	EPA 625.1	3.5	10	WKL	
MO-SPA	2020/21-3	Wet	3/10/2021 5:20:00 AM	4/2/2021 5:20:00 AM	Hexachlorobenzene	n/a	<	4.9	µg/L	EPA 625.1	4.9	10	WKL	
MO-SPA	2020/21-3	Wet	3/10/2021 5:20:00 AM	4/2/2021 2:51:00 AM	Hexachlorobutadiene	n/a	<	4.7	µg/L	EPA 625.1	4.7	10	WKL	
MO-SPA	2020/21-3	Wet	3/10/2021 5:20:00 AM	4/2/2021 2:51:00 AM	Hexachlorocyclopentadiene	n/a	<	9.8	µg/L	EPA 625.1	9.8	50	WKL	
MO-SPA	2020/21-3	Wet	3/10/2021 5:20:00 AM	4/2/2021 2:51:00 AM	Hexachloroethane	n/a	<	5	µg/L	EPA 625.1	5	10	WKL	
MO-SPA	2020/21-3	Wet	3/10/2021 5:20:00 AM	3/27/2021 5:19:00 AM	Indeno(1,2,3-cd)pyrene	n/a	<	0.65	µg/L	EPA 8270C	0.65	1	WKL	
MO-SPA	2020/21-3	Wet	3/10/2021 5:20:00 AM	4/2/2021 2:51:00 AM	Indeno(1,2,3-cd)pyrene	n/a	<	5.5	µg/L	EPA 625.1	5.5	20	WKL	
MO-SPA	2020/21-3	Wet	3/10/2021 5:20:00 AM	4/2/2021 2:51:00 AM	Isophorone	n/a	<	2.1	µg/L	EPA 625.1	2.1	10	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-SPA	2020/21-3	Wet	3/10/2021 5:20:00 AM	3/27/2021 5:19:00 AM	Naphthalene	n/a	<	0.26	µg/L	EPA 8270C	0.26	1	WKL	
MO-SPA	2020/21-3	Wet	3/10/2021 5:20:00 AM	4/2/2021 2:51:00 AM	Naphthalene	n/a	<	4.9	µg/L	EPA 625.1	4.9	10	WKL	
MO-SPA	2020/21-3	Wet	3/10/2021 5:20:00 AM	4/2/2021 2:51:00 AM	Nitrobenzene	n/a	<	3.6	µg/L	EPA 625.1	3.6	10	WKL	
MO-SPA	2020/21-3	Wet	3/10/2021 5:20:00 AM	4/2/2021 2:51:00 AM	N-Nitrosodimethylamine	n/a	<	5	µg/L	EPA 625.1	5	10	WKL	
MO-SPA	2020/21-3	Wet	3/10/2021 5:20:00 AM	4/2/2021 2:51:00 AM	N-Nitrosodi-N-propylamine	n/a	<	2.6	µg/L	EPA 625.1	2.6	10	WKL	
MO-SPA	2020/21-3	Wet	3/10/2021 5:20:00 AM	4/2/2021 2:51:00 AM	N-Nitrosodiphenylamine	n/a	<	1.9	µg/L	EPA 625.1	1.9	10	WKL	
MO-SPA	2020/21-3	Wet	3/10/2021 5:20:00 AM	4/2/2021 2:51:00 AM	Phenanthrene	n/a	<	3.2	µg/L	EPA 625.1	3.2	10	WKL	
MO-SPA	2020/21-3	Wet	3/10/2021 5:20:00 AM	3/27/2021 5:19:00 AM	Phenanthrene	n/a	<	0.29	µg/L	EPA 8270C	0.29	1	WKL	
MO-SPA	2020/21-3	Wet	3/10/2021 5:20:00 AM	4/2/2021 2:51:00 AM	Phenol	n/a	<	1.6	µg/L	EPA 625.1	1.6	10	WKL	
MO-SPA	2020/21-3	Wet	3/10/2021 5:20:00 AM	3/26/2021 3:50:00 AM	Phenol	n/a	<	3.5	µg/L	EPA 8270C	3.5	10	WKL	
MO-SPA	2020/21-3	Wet	3/10/2021 5:20:00 AM	3/27/2021 5:19:00 AM	Pyrene	n/a	<	0.4	µg/L	EPA 8270C	0.4	1	WKL	
MO-SPA	2020/21-3	Wet	3/10/2021 5:20:00 AM	4/2/2021 2:51:00 AM	Pyrene	n/a	<	2.5	µg/L	EPA 625.1	2.5	10	WKL	
MO-SPA	2020/21-3	Wet	3/10/2021 5:20:00 AM	4/3/2021 1:28:00 AM	PCB Aroclor 1016	n/a	<	10	µg/L	EPA 608.3	10	10	WKL	
MO-SPA	2020/21-3	Wet	3/10/2021 5:20:00 AM	4/3/2021 1:28:00 AM	PCB Aroclor 1221	n/a	<	10	µg/L	EPA 608.3	10	10	WKL	
MO-SPA	2020/21-3	Wet	3/10/2021 5:20:00 AM	4/3/2021 1:28:00 AM	PCB Aroclor 1232	n/a	<	10	µg/L	EPA 608.3	10	10	WKL	
MO-SPA	2020/21-3	Wet	3/10/2021 5:20:00 AM	4/3/2021 1:28:00 AM	PCB Aroclor 1242	n/a	<	10	µg/L	EPA 608.3	10	10	WKL	
MO-SPA	2020/21-3	Wet	3/10/2021 5:20:00 AM	4/3/2021 1:28:00 AM	PCB Aroclor 1248	n/a	<	10	µg/L	EPA 608.3	10	10	WKL	
MO-SPA	2020/21-3	Wet	3/10/2021 5:20:00 AM	4/3/2021 1:28:00 AM	PCB Aroclor 1254	n/a	<	10	µg/L	EPA 608.3	10	10	WKL	
MO-SPA	2020/21-3	Wet	3/10/2021 5:20:00 AM	4/3/2021 1:28:00 AM	PCB Aroclor 1260	n/a	<	10	µg/L	EPA 608.3	10	10	WKL	
MO-SPA	2020/21-3	Wet	3/10/2021 5:20:00 AM	3/27/2021 9:22:00 PM	2,4,5-T	n/a	<	1	µg/L	EPA 515.4	1	1	WKL	
MO-SPA	2020/21-3	Wet	3/10/2021 5:20:00 AM	3/27/2021 9:22:00 PM	2,4,5-TP	n/a	<	0.23	µg/L	EPA 515.4	0.23	1	WKL	
MO-SPA	2020/21-3	Wet	3/10/2021 5:20:00 AM	3/27/2021 9:22:00 PM	2,4-D	n/a	<	0.7	µg/L	EPA 515.4	0.7	2	WKL	
MO-SPA	2020/21-3	Wet	3/10/2021 5:20:00 AM	3/27/2021 9:22:00 PM	2,4-DB	n/a	<	10	µg/L	EPA 515.4	10	10	WKL	
MO-SPA	2020/21-3	Wet	3/10/2021 5:20:00 AM	3/27/2021 9:22:00 PM	3,5-Dichlorobenzoic acid	n/a	<	0.6	µg/L	EPA 515.4	0.6	5	WKL	
MO-SPA	2020/21-3	Wet	3/10/2021 5:20:00 AM	4/3/2021 1:28:00 AM	4,4'-DDD	n/a	<	0.014	µg/L	EPA 608.3	0.014	1	WKL	
MO-SPA	2020/21-3	Wet	3/10/2021 5:20:00 AM	4/3/2021 1:28:00 AM	4,4'-DDE	n/a	<	1	µg/L	EPA 608.3	1	1	WKL	
MO-SPA	2020/21-3	Wet	3/10/2021 5:20:00 AM	4/3/2021 1:28:00 AM	4,4'-DDT	n/a	<	0.022	µg/L	EPA 608.3	0.022	0.2	WKL	
MO-SPA	2020/21-3	Wet	3/10/2021 5:20:00 AM	3/27/2021 9:22:00 PM	Acifluorfen	n/a	<	0.36	µg/L	EPA 515.4	0.36	2	WKL	
MO-SPA	2020/21-3	Wet	3/10/2021 5:20:00 AM	3/17/2021 6:22:00 AM	Alachlor	n/a	<	0.12	µg/L	EPA 525.2	0.12	0.4	WKL	
MO-SPA	2020/21-3	Wet	3/10/2021 5:20:00 AM	4/3/2021 1:28:00 AM	Aldrin	n/a	<	0.02	µg/L	EPA 608.3	0.02	0.1	WKL	
MO-SPA	2020/21-3	Wet	3/10/2021 5:20:00 AM	4/3/2021 1:28:00 AM	alpha-BHC	n/a	<	0.022	µg/L	EPA 608.3	0.022	0.2	WKL	
MO-SPA	2020/21-3	Wet	3/10/2021 5:20:00 AM	4/3/2021 1:28:00 AM	alpha-Chlordane	n/a	<	0.058	µg/L	EPA 608.3	0.058	0.2	WKL	
MO-SPA	2020/21-3	Wet	3/10/2021 5:20:00 AM	3/17/2021 6:22:00 AM	Atrazine	n/a	<	0.12	µg/L	EPA 525.2	0.12	0.4	WKL	
MO-SPA	2020/21-3	Wet	3/10/2021 5:20:00 AM	3/18/2021 2:46:00 AM	Azinphos methyl	n/a	<	0.011	µg/L	EPA 625.1m	0.011	0.02	WKL	
MO-SPA	2020/21-3	Wet	3/10/2021 5:20:00 AM	3/27/2021 9:22:00 PM	Bentazon	n/a	<	1.2	µg/L	EPA 515.4	1.2	10	WKL	
MO-SPA	2020/21-3	Wet	3/10/2021 5:20:00 AM	4/3/2021 1:28:00 AM	beta-BHC	n/a	<	0.03	µg/L	EPA 608.3	0.03	0.1	WKL	
MO-SPA	2020/21-3	Wet	3/10/2021 5:20:00 AM	3/18/2021 2:46:00 AM	Bolstar	n/a	<	0.0092	µg/L	EPA 625.1m	0.0092	0.02	WKL	
MO-SPA	2020/21-3	Wet	3/10/2021 5:20:00 AM	3/17/2021 6:22:00 AM	Bromacil	n/a	<	0.64	µg/L	EPA 525.2	0.64	2	WKL	
MO-SPA	2020/21-3	Wet	3/10/2021 5:20:00 AM	3/17/2021 6:22:00 AM	Butachlor	n/a	<	0.12	µg/L	EPA 525.2	0.12	0.4	WKL	
MO-SPA	2020/21-3	Wet	3/10/2021 5:20:00 AM	3/17/2021 6:22:00 AM	Captan	n/a	<	0.64	µg/L	EPA 525.2	0.64	4	WKL	
MO-SPA	2020/21-3	Wet	3/10/2021 5:20:00 AM	4/3/2021 1:28:00 AM	Chlordane (technical)	n/a	<	10	µg/L	EPA 608.3	10	10	WKL	
MO-SPA	2020/21-3	Wet	3/10/2021 5:20:00 AM	3/17/2021 6:22:00 AM	Chlorpyrifam	n/a	<	0.16	µg/L	EPA 525.2	0.16	0.4	WKL	
MO-SPA	2020/21-3	Wet	3/10/2021 5:20:00 AM	3/18/2021 2:46:00 AM	Chlorpyrifos	n/a	<	0.014	µg/L	EPA 625.1m	0.014	0.02	WKL	
MO-SPA	2020/21-3	Wet	3/10/2021 5:20:00 AM	3/18/2021 2:46:00 AM	Coumaphos	n/a	<	0.01	µg/L	EPA 625.1m	0.01	0.02	WKL	
MO-SPA	2020/21-3	Wet	3/10/2021 5:20:00 AM	3/17/2021 6:22:00 AM	Cyanazine	n/a	<	0.16	µg/L	EPA 525.2	0.16	0.4	WKL	
MO-SPA	2020/21-3	Wet	3/10/2021 5:20:00 AM	3/27/2021 9:22:00 PM	Dalapon	n/a	<	0.55	µg/L	EPA 515.4	0.55	2	WKL	
MO-SPA	2020/21-3	Wet	3/10/2021 5:20:00 AM	3/27/2021 9:22:00 PM	DCPA (Dacthal)	n/a	<	0.26	µg/L	EPA 515.4	0.26	0.5	WKL	
MO-SPA	2020/21-3	Wet	3/10/2021 5:20:00 AM	4/3/2021 1:28:00 AM	delta-BHC	n/a	<	0.1	µg/L	EPA 608.3	0.1	0.1	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-SPA	2020/21-3	Wet	3/10/2021 5:20:00 AM	3/18/2021 2:46:00 AM	Demeton-O	n/a	<	0.02	µg/L	EPA 625.1m	0.02	0.02	WKL	
MO-SPA	2020/21-3	Wet	3/10/2021 5:20:00 AM	3/18/2021 2:46:00 AM	Demeton-S	n/a	<	0.02	µg/L	EPA 625.1m	0.02	0.02	WKL	
MO-SPA	2020/21-3	Wet	3/10/2021 5:20:00 AM	3/18/2021 2:46:00 AM	Diazinon	n/a	<	0.01	µg/L	EPA 625.1m	0.01	0.02	WKL	
MO-SPA	2020/21-3	Wet	3/10/2021 5:20:00 AM	3/17/2021 6:22:00 AM	Diazinon	n/a	<	0.2	µg/L	EPA 525.2	0.2	0.4	WKL	
MO-SPA	2020/21-3	Wet	3/10/2021 5:20:00 AM	3/27/2021 9:22:00 PM	Dicamba	n/a	<	0.38	µg/L	EPA 515.4	0.38	3	WKL	
MO-SPA	2020/21-3	Wet	3/10/2021 5:20:00 AM	3/27/2021 9:22:00 PM	Dichlorprop	n/a	<	0.6	µg/L	EPA 515.4	0.6	1.5	WKL	
MO-SPA	2020/21-3	Wet	3/10/2021 5:20:00 AM	3/18/2021 2:46:00 AM	Dichlorvos	n/a	<	0.0058	µg/L	EPA 625.1m	0.0058	0.02	WKL	
MO-SPA	2020/21-3	Wet	3/10/2021 5:20:00 AM	4/3/2021 1:28:00 AM	Dieldrin	n/a	<	0.2	µg/L	EPA 608.3	0.2	0.2	WKL	
MO-SPA	2020/21-3	Wet	3/10/2021 5:20:00 AM	3/17/2021 6:22:00 AM	Dimethoate	n/a	<	0.08	µg/L	EPA 525.2	0.08	0.8	WKL	
MO-SPA	2020/21-3	Wet	3/10/2021 5:20:00 AM	3/18/2021 2:46:00 AM	Dimethoate	n/a	<	0.012	µg/L	EPA 625.1m	0.012	0.02	WKL	
MO-SPA	2020/21-3	Wet	3/10/2021 5:20:00 AM	3/27/2021 9:22:00 PM	Dinoseb	n/a	<	0.28	µg/L	EPA 515.4	0.28	2	WKL	
MO-SPA	2020/21-3	Wet	3/10/2021 5:20:00 AM	3/17/2021 6:22:00 AM	Diphenamid	n/a	<	0.12	µg/L	EPA 525.2	0.12	0.4	WKL	
MO-SPA	2020/21-3	Wet	3/10/2021 5:20:00 AM	3/18/2021 2:46:00 AM	Disulfoton	n/a	<	0.02	µg/L	EPA 625.1m	0.02	0.02	WKL	
MO-SPA	2020/21-3	Wet	3/10/2021 5:20:00 AM	3/17/2021 6:22:00 AM	Disulfoton	n/a	<	0.16	µg/L	EPA 525.2	0.16	0.4	WKL	
MO-SPA	2020/21-3	Wet	3/10/2021 5:20:00 AM	4/3/2021 1:28:00 AM	Endosulfan I	n/a	<	0.018	µg/L	EPA 608.3	0.018	0.4	WKL	
MO-SPA	2020/21-3	Wet	3/10/2021 5:20:00 AM	4/3/2021 1:28:00 AM	Endosulfan II	n/a	<	0.014	µg/L	EPA 608.3	0.014	0.2	WKL	
MO-SPA	2020/21-3	Wet	3/10/2021 5:20:00 AM	4/3/2021 1:28:00 AM	Endosulfan sulfate	n/a	<	1	µg/L	EPA 608.3	1	1	WKL	
MO-SPA	2020/21-3	Wet	3/10/2021 5:20:00 AM	4/3/2021 1:28:00 AM	Endrin	n/a	<	0.034	µg/L	EPA 608.3	0.034	0.2	WKL	
MO-SPA	2020/21-3	Wet	3/10/2021 5:20:00 AM	4/3/2021 1:28:00 AM	Endrin aldehyde	n/a	<	0.038	µg/L	EPA 608.3	0.038	0.2	WKL	
MO-SPA	2020/21-3	Wet	3/10/2021 5:20:00 AM	3/17/2021 6:22:00 AM	EPTC	n/a	<	0.08	µg/L	EPA 525.2	0.08	0.4	WKL	
MO-SPA	2020/21-3	Wet	3/10/2021 5:20:00 AM	3/18/2021 2:46:00 AM	Ethoprop	n/a	<	0.013	µg/L	EPA 625.1m	0.013	0.02	WKL	
MO-SPA	2020/21-3	Wet	3/10/2021 5:20:00 AM	3/18/2021 2:46:00 AM	Ethyl parathion	n/a	<	0.011	µg/L	EPA 625.1m	0.011	0.02	WKL	
MO-SPA	2020/21-3	Wet	3/10/2021 5:20:00 AM	3/18/2021 2:46:00 AM	Fensulfothion	n/a	<	0.0058	µg/L	EPA 625.1m	0.0058	0.02	WKL	
MO-SPA	2020/21-3	Wet	3/10/2021 5:20:00 AM	3/18/2021 2:46:00 AM	Fenthion	n/a	<	0.0076	µg/L	EPA 625.1m	0.0076	0.02	WKL	
MO-SPA	2020/21-3	Wet	3/10/2021 5:20:00 AM	4/3/2021 1:28:00 AM	gamma-BHC (Lindane)	n/a	<	0.008	µg/L	EPA 608.3	0.008	0.4	WKL	
MO-SPA	2020/21-3	Wet	3/10/2021 5:20:00 AM	4/3/2021 1:28:00 AM	gamma-Chlordane	n/a	<	0.046	µg/L	EPA 608.3	0.046	0.2	WKL	
MO-SPA	2020/21-3	Wet	3/10/2021 5:20:00 AM	3/18/2021 3:48:00 AM	Glyphosate	n/a	=	42	µg/L	EPA 547	1.8	5	WKL	
MO-SPA	2020/21-3	Wet	3/10/2021 5:20:00 AM	4/3/2021 1:28:00 AM	Heptachlor	n/a	<	0.012	µg/L	EPA 608.3	0.012	0.2	WKL	
MO-SPA	2020/21-3	Wet	3/10/2021 5:20:00 AM	4/3/2021 1:28:00 AM	Heptachlor epoxide	n/a	<	0.008	µg/L	EPA 608.3	0.008	0.2	WKL	
MO-SPA	2020/21-3	Wet	3/10/2021 5:20:00 AM	3/18/2021 2:46:00 AM	Malathion	n/a	<	0.015	µg/L	EPA 625.1m	0.015	0.02	WKL	
MO-SPA	2020/21-3	Wet	3/10/2021 5:20:00 AM	3/18/2021 2:46:00 AM	Merphos	n/a	<	0.012	µg/L	EPA 625.1m	0.012	0.02	WKL	
MO-SPA	2020/21-3	Wet	3/10/2021 5:20:00 AM	3/18/2021 2:46:00 AM	Methyl parathion	n/a	<	0.013	µg/L	EPA 625.1m	0.013	0.02	WKL	
MO-SPA	2020/21-3	Wet	3/10/2021 5:20:00 AM	3/17/2021 6:22:00 AM	Metolachlor	n/a	<	0.12	µg/L	EPA 525.2	0.12	0.4	WKL	
MO-SPA	2020/21-3	Wet	3/10/2021 5:20:00 AM	3/17/2021 6:22:00 AM	Metribuzin	n/a	<	0.12	µg/L	EPA 525.2	0.12	0.4	WKL	
MO-SPA	2020/21-3	Wet	3/10/2021 5:20:00 AM	3/18/2021 2:46:00 AM	Mevinphos	n/a	<	0.0084	µg/L	EPA 625.1m	0.0084	0.02	WKL	
MO-SPA	2020/21-3	Wet	3/10/2021 5:20:00 AM	3/17/2021 6:22:00 AM	Molinate	n/a	<	0.12	µg/L	EPA 525.2	0.12	0.4	WKL	
MO-SPA	2020/21-3	Wet	3/10/2021 5:20:00 AM	3/18/2021 2:46:00 AM	Naled	n/a	<	0.015	µg/L	EPA 625.1m	0.015	0.02	WKL	
MO-SPA	2020/21-3	Wet	3/10/2021 5:20:00 AM	3/27/2021 9:22:00 PM	Pentachlorophenol	n/a	DNQ	0.29	µg/L	EPA 515.4	0.23	1	WKL	
MO-SPA	2020/21-3	Wet	3/10/2021 5:20:00 AM	3/26/2021 3:50:00 AM	Pentachlorophenol	n/a	DNQ	3.1	µg/L	EPA 8270C	1.5	10	WKL	
MO-SPA	2020/21-3	Wet	3/10/2021 5:20:00 AM	4/2/2021 2:51:00 AM	Pentachlorophenol	n/a	DNQ	8.8	µg/L	EPA 625.1	4	10	WKL	
MO-SPA	2020/21-3	Wet	3/10/2021 5:20:00 AM	3/18/2021 2:46:00 AM	Phorate	n/a	<	0.006	µg/L	EPA 625.1m	0.006	0.02	WKL	
MO-SPA	2020/21-3	Wet	3/10/2021 5:20:00 AM	3/27/2021 9:22:00 PM	Picloram	n/a	<	0.19	µg/L	EPA 515.4	0.19	3	WKL	
MO-SPA	2020/21-3	Wet	3/10/2021 5:20:00 AM	3/17/2021 6:22:00 AM	Prometon	n/a	<	0.04	µg/L	EPA 525.2	0.04	0.4	WKL	
MO-SPA	2020/21-3	Wet	3/10/2021 5:20:00 AM	3/17/2021 6:22:00 AM	Prometryn	n/a	<	0.12	µg/L	EPA 525.2	0.12	0.4	WKL	
MO-SPA	2020/21-3	Wet	3/10/2021 5:20:00 AM	3/18/2021 2:46:00 AM	Ronnel (Fenclorophos)	n/a	<	0.0082	µg/L	EPA 625.1m	0.0082	0.02	WKL	
MO-SPA	2020/21-3	Wet	3/10/2021 5:20:00 AM	3/17/2021 6:22:00 AM	Simazine	n/a	<	0.08	µg/L	EPA 525.2	0.08	0.4	WKL	
MO-SPA	2020/21-3	Wet	3/10/2021 5:20:00 AM	3/18/2021 2:46:00 AM	Stirophos (Tetrachlorvinphos)	n/a	<	0.0062	µg/L	EPA 625.1m	0.0062	0.02	WKL	
MO-SPA	2020/21-3	Wet	3/10/2021 5:20:00 AM	3/17/2021 6:22:00 AM	Terbacil	n/a	<	0.36	µg/L	EPA 525.2	0.36	8	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-SPA	2020/21-3	Wet	3/10/2021 5:20:00 AM	3/17/2021 6:22:00 AM	Thiobencarb	n/a	<	0.12	µg/L	EPA 525.2	0.12	0.4	WKL	
MO-SPA	2020/21-3	Wet	3/10/2021 5:20:00 AM	3/18/2021 2:46:00 AM	Toxaphene	n/a	<	0.016	µg/L	EPA 625.1m	0.016	0.02	WKL	
MO-SPA	2020/21-3	Wet	3/10/2021 5:20:00 AM	4/3/2021 1:28:00 AM	Toxaphene	n/a	<	20	µg/L	EPA 608.3	20	20	WKL	
MO-SPA	2020/21-3	Wet	3/10/2021 5:20:00 AM	3/18/2021 2:46:00 AM	Trichloronate	n/a	<	0.013	µg/L	EPA 625.1m	0.013	0.02	WKL	
MO-SPA	2020/21-3	Wet	3/10/2021 5:20:00 AM	3/17/2021 6:22:00 AM	Trithion	n/a	<	0.08	µg/L	EPA 525.2	0.08	0.4	WKL	
MO-THO	2020/21-1	Wet	12/28/2020 6:50:00 AM	12/29/2020 11:35:00 AM	E. Coli	n/a	=	6867	MPN/100 mL	MMO-MUG	10	10	VCHCA	
MO-THO	2020/21-1	Wet	12/28/2020 6:50:00 AM	12/29/2020 11:35:00 AM	Total Coliform	n/a	=	9800	MPN/100 mL	MMO-MUG	1000	1000	VCHCA	
MO-THO	2020/21-1	Wet	12/28/2020 6:50:00 AM	12/28/2020 6:50:00 AM	Conductivity	n/a	=	349.1	µmhos/cm	Field Meter	-88	1	Field Crew	
MO-THO	2020/21-1	Wet	12/28/2020 6:50:00 AM	1/5/2021 4:04:00 PM	Cyanide	Total	=	0.0068	mg/L	ASTM D7511	0.0003	0.002	WKL	
MO-THO	2020/21-1	Wet	12/28/2020 6:50:00 AM	12/28/2020 6:50:00 AM	DO	n/a	=	88.1	%	Field Meter	-88	0.1	Field Crew	
MO-THO	2020/21-1	Wet	12/28/2020 6:50:00 AM	12/28/2020 6:50:00 AM	DO	n/a	=	10.36	mg/L	Field Meter	-88	0.3	Field Crew	
MO-THO	2020/21-1	Wet	12/28/2020 6:50:00 AM	12/28/2020 6:50:00 AM	pH	n/a	=	7.76	pH Units	Field Meter	-88	0.01	Field Crew	
MO-THO	2020/21-1	Wet	12/28/2020 6:50:00 AM	12/28/2020 6:50:00 AM	Salinity	n/a	=	200	mg/L	Field Meter	-88	100	Field Crew	
MO-THO	2020/21-1	Wet	12/28/2020 6:50:00 AM	12/28/2020 6:50:00 AM	Specific Conductance	n/a	=	507	µmhos/cm	Field Meter	-88	1	Field Crew	
MO-THO	2020/21-1	Wet	12/28/2020 6:50:00 AM	12/28/2020 6:50:00 AM	Temperature	n/a	=	10.4	°C	Field Meter	-88	0.1	Field Crew	
MO-THO	2020/21-1	Wet	12/28/2020 6:50:00 AM	1/3/2021 11:23:00 PM	Gasoline Range Organics	n/a	<	0.065	mg/L	LUFT GC/MS	0.065	0.1	WKL	
MO-THO	2020/21-1	Wet	12/28/2020 6:50:00 AM	1/15/2021 5:19:00 PM	Oil and Grease	n/a	DNQ	1.3	mg/L	EPA 1664B	0.7	5	WKL	
MO-THO	2020/21-1	Wet	12/28/2020 6:50:00 AM	12/30/2020 1:48:00 PM	2-Chloroethyl vinyl ether	n/a	<	0.19	µg/L	EPA 624.1	0.19	1	WKL	
MO-THO	2020/21-1	Wet	12/28/2020 6:50:00 AM	12/30/2020 1:48:00 PM	Methyl tert-butyl ether (MTBE)	n/a	<	0.4	µg/L	EPA 624.1	0.4	1	WKL	
MO-THO	2020/21-1	Wet	12/28/2020 12:08:00 PM	12/30/2020 5:27:00 AM	Chloride	n/a	=	100	mg/L	EPA 300.0	0.17	1	WKL	
MO-THO	2020/21-1	Wet	12/28/2020 12:08:00 PM	12/30/2020 5:27:00 AM	Fluoride	n/a	=	0.25	mg/L	EPA 300.0	0.018	0.2	WKL	
MO-THO	2020/21-1	Wet	12/28/2020 12:08:00 PM	12/31/2020 1:38:00 AM	Perchlorate	n/a	<	0.84	µg/L	EPA 314.0	0.84	2	WKL	
MO-THO	2020/21-1	Wet	12/28/2020 12:08:00 PM	1/5/2021 6:44:00 PM	Calcium	Total	=	58	mg/L	EPA 200.7	0.016	0.1	WKL	
MO-THO	2020/21-1	Wet	12/28/2020 12:08:00 PM	1/5/2021 6:44:00 PM	Magnesium	Total	=	35.1	mg/L	EPA 200.7	0.012	0.1	WKL	
MO-THO	2020/21-1	Wet	12/28/2020 12:08:00 PM	1/4/2021 1:30:00 PM	Alkalinity as CaCO3	n/a	=	140	mg/L	SM 2320 B	0.56	5	WKL	
MO-THO	2020/21-1	Wet	12/28/2020 12:08:00 PM	1/3/2021 12:35:00 PM	BOD	n/a	=	65	mg/L	SM 5210 B	2	2	WKL	
MO-THO	2020/21-1	Wet	12/28/2020 12:08:00 PM	12/30/2020 12:31:00 PM	COD	n/a	=	220	mg/L	EPA 410.4	2.9	5	WKL	
MO-THO	2020/21-1	Wet	12/28/2020 12:08:00 PM	1/5/2021 6:44:00 PM	Hardness as CaCO3	Total	=	289	mg/L	EPA 200.7	0.0894	0.662	WKL	
MO-THO	2020/21-1	Wet	12/28/2020 12:08:00 PM	12/29/2020 3:24:00 PM	MBAS	n/a	DNQ	0.042	mg/L	SM 5540 C	0.017	0.05	WKL	
MO-THO	2020/21-1	Wet	12/28/2020 12:08:00 PM	1/8/2021 11:45:00 AM	Phenolics	n/a	=	0.13	mg/L	EPA 420.4	0.0032	0.01	WKL	
MO-THO	2020/21-1	Wet	12/28/2020 12:08:00 PM	1/5/2021 12:55:00 PM	Specific Conductance	n/a	=	830	µmhos/cm	SM 2510 B	0.23	2	WKL	
MO-THO	2020/21-1	Wet	12/28/2020 12:08:00 PM	12/30/2020 6:44:00 PM	Total Dissolved Solids	n/a	=	530	mg/L	SM 2540 C	4	10	WKL	
MO-THO	2020/21-1	Wet	12/28/2020 12:08:00 PM	12/30/2020 2:24:00 PM	Total Organic Carbon	n/a	=	58	mg/L	SM 5310 B	0.096	0.3	WKL	
MO-THO	2020/21-1	Wet	12/28/2020 12:08:00 PM	12/30/2020 12:43:00 PM	Total Suspended Solids	n/a	=	2100	mg/L	SM 2540 D	-88	5	WKL	
MO-THO	2020/21-1	Wet	12/28/2020 12:08:00 PM	12/29/2020 3:37:00 PM	Turbidity	n/a	=	26	NTU	EPA 180.1	0.017	0.1	WKL	
MO-THO	2020/21-1	Wet	12/28/2020 12:08:00 PM	12/30/2020 12:43:00 PM	Volatile Suspended Solids	n/a	=	440	mg/L	EPA 160.4	3.1	5	WKL	
MO-THO	2020/21-1	Wet	12/28/2020 12:08:00 PM	1/12/2021 1:14:00 AM	Diesel Range Organics	n/a	DNQ	0.08	mg/L	EPA 8015B	0.032	0.1	WKL	UL-MB
MO-THO	2020/21-1	Wet	12/28/2020 12:08:00 PM	1/12/2021 1:14:00 AM	Oil Range Organics	n/a	<	0.33	mg/L	EPA 8015B	0.33	0.5	WKL	
MO-THO	2020/21-1	Wet	12/28/2020 12:08:00 PM	1/4/2021 1:48:00 PM	Aluminum	Dissolved	DNQ	18	µg/L	EPA 200.8	4.4	20	WKL	
MO-THO	2020/21-1	Wet	12/28/2020 12:08:00 PM	1/4/2021 1:51:00 PM	Aluminum	Total	=	6100	µg/L	EPA 200.8	4.4	20	WKL	
MO-THO	2020/21-1	Wet	12/28/2020 12:08:00 PM	1/4/2021 1:48:00 PM	Antimony	Dissolved	=	0.92	µg/L	EPA 200.8	0.089	0.5	WKL	
MO-THO	2020/21-1	Wet	12/28/2020 12:08:00 PM	1/4/2021 1:51:00 PM	Antimony	Total	=	1.5	µg/L	EPA 200.8	0.089	0.5	WKL	
MO-THO	2020/21-1	Wet	12/28/2020 12:08:00 PM	1/4/2021 1:48:00 PM	Arsenic	Dissolved	=	2.4	µg/L	EPA 200.8	0.074	0.4	WKL	
MO-THO	2020/21-1	Wet	12/28/2020 12:08:00 PM	1/4/2021 1:51:00 PM	Arsenic	Total	=	4.5	µg/L	EPA 200.8	0.074	0.4	WKL	
MO-THO	2020/21-1	Wet	12/28/2020 12:08:00 PM	1/4/2021 1:51:00 PM	Barium	Total	=	78	µg/L	EPA 200.8	0.14	1	WKL	
MO-THO	2020/21-1	Wet	12/28/2020 12:08:00 PM	1/4/2021 1:48:00 PM	Beryllium	Dissolved	<	0.062	µg/L	EPA 200.8	0.062	0.1	WKL	
MO-THO	2020/21-1	Wet	12/28/2020 12:08:00 PM	1/4/2021 1:51:00 PM	Beryllium	Total	=	0.2	µg/L	EPA 200.8	0.062	0.1	WKL	
MO-THO	2020/21-1	Wet	12/28/2020 12:08:00 PM	1/4/2021 1:48:00 PM	Cadmium	Dissolved	<	0.042	µg/L	EPA 200.8	0.042	0.2	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-THO	2020/21-1	Wet	12/28/2020 12:08:00 PM	1/4/2021 1:51:00 PM	Cadmium	Total	=	0.68	µg/L	EPA 200.8	0.042	0.2	WKL	
MO-THO	2020/21-1	Wet	12/28/2020 12:08:00 PM	1/4/2021 1:48:00 PM	Chromium	Dissolved	=	0.67	µg/L	EPA 200.8	0.089	0.2	WKL	
MO-THO	2020/21-1	Wet	12/28/2020 12:08:00 PM	1/4/2021 1:51:00 PM	Chromium	Total	=	21	µg/L	EPA 200.8	0.089	0.2	WKL	
MO-THO	2020/21-1	Wet	12/28/2020 12:08:00 PM	12/30/2020 5:19:00 PM	Chromium VI	n/a	=	0.13	µg/L	EPA 218.6	0.0079	0.02	WKL	
MO-THO	2020/21-1	Wet	12/28/2020 12:08:00 PM	1/4/2021 1:48:00 PM	Copper	Dissolved	=	5.2	µg/L	EPA 200.8	0.23	0.5	WKL	
MO-THO	2020/21-1	Wet	12/28/2020 12:08:00 PM	1/4/2021 1:51:00 PM	Copper	Total	=	38	µg/L	EPA 200.8	0.23	0.5	WKL	
MO-THO	2020/21-1	Wet	12/28/2020 12:08:00 PM	1/4/2021 1:48:00 PM	Iron	Dissolved	=	160	µg/L	EPA 200.8	3.9	20	WKL	
MO-THO	2020/21-1	Wet	12/28/2020 12:08:00 PM	1/4/2021 1:51:00 PM	Iron	Total	=	9800	µg/L	EPA 200.8	3.9	20	WKL	
MO-THO	2020/21-1	Wet	12/28/2020 12:08:00 PM	1/4/2021 1:48:00 PM	Lead	Dissolved	=	0.36	µg/L	EPA 200.8	0.083	0.2	WKL	
MO-THO	2020/21-1	Wet	12/28/2020 12:08:00 PM	1/4/2021 1:51:00 PM	Lead	Total	=	6.6	µg/L	EPA 200.8	0.083	0.2	WKL	
MO-THO	2020/21-1	Wet	12/28/2020 12:08:00 PM	1/7/2021 1:39:00 PM	Mercury	Dissolved	<	17	ng/L	EPA 245.1	17	50	WKL	
MO-THO	2020/21-1	Wet	12/28/2020 12:08:00 PM	1/7/2021 1:41:00 PM	Mercury	Total	DNQ	24	ng/L	EPA 245.1	17	50	WKL	
MO-THO	2020/21-1	Wet	12/28/2020 12:08:00 PM	1/4/2021 1:48:00 PM	Nickel	Dissolved	=	5.9	µg/L	EPA 200.8	0.16	2	WKL	
MO-THO	2020/21-1	Wet	12/28/2020 12:08:00 PM	1/4/2021 1:51:00 PM	Nickel	Total	=	24	µg/L	EPA 200.8	0.16	2	WKL	
MO-THO	2020/21-1	Wet	12/28/2020 12:08:00 PM	1/4/2021 1:48:00 PM	Selenium	Dissolved	=	1.1	µg/L	EPA 200.8	0.067	0.4	WKL	
MO-THO	2020/21-1	Wet	12/28/2020 12:08:00 PM	1/4/2021 1:51:00 PM	Selenium	Total	=	2.1	µg/L	EPA 200.8	0.067	0.4	WKL	
MO-THO	2020/21-1	Wet	12/28/2020 12:08:00 PM	1/4/2021 1:48:00 PM	Silver	Dissolved	DNQ	0.032	µg/L	EPA 200.8	0.03	0.2	WKL	
MO-THO	2020/21-1	Wet	12/28/2020 12:08:00 PM	1/4/2021 1:51:00 PM	Silver	Total	=	0.24	µg/L	EPA 200.8	0.03	0.2	WKL	
MO-THO	2020/21-1	Wet	12/28/2020 12:08:00 PM	1/4/2021 1:48:00 PM	Thallium	Dissolved	<	0.021	µg/L	EPA 200.8	0.021	0.2	WKL	
MO-THO	2020/21-1	Wet	12/28/2020 12:08:00 PM	1/4/2021 1:51:00 PM	Thallium	Total	DNQ	0.086	µg/L	EPA 200.8	0.021	0.2	WKL	
MO-THO	2020/21-1	Wet	12/28/2020 12:08:00 PM	1/4/2021 1:48:00 PM	Zinc	Dissolved	=	18	µg/L	EPA 200.8	0.8	10	WKL	
MO-THO	2020/21-1	Wet	12/28/2020 12:08:00 PM	1/4/2021 1:51:00 PM	Zinc	Total	=	130	µg/L	EPA 200.8	0.8	10	WKL	
MO-THO	2020/21-1	Wet	12/28/2020 12:08:00 PM	12/29/2020 6:17:00 PM	Ammonia as N	n/a	=	0.97	mg/L	EPA 350.1	0.047	0.1	WKL	
MO-THO	2020/21-1	Wet	12/28/2020 12:08:00 PM	12/29/2020 12:53:00 PM	Nitrate + Nitrite as N	n/a	=	2.6	mg/L	EPA 353.2	0.036	0.2	WKL	
MO-THO	2020/21-1	Wet	12/28/2020 12:08:00 PM	1/5/2021 6:41:00 PM	Phosphorus as P	Dissolved	=	0.29	mg/L	EPA 200.7	0.012	0.02	WKL	
MO-THO	2020/21-1	Wet	12/28/2020 12:08:00 PM	1/5/2021 6:44:00 PM	Phosphorus as P	Total	=	1.1	mg/L	EPA 200.7	0.012	0.02	WKL	
MO-THO	2020/21-1	Wet	12/28/2020 12:08:00 PM	12/31/2020 12:52:00 PM	TKN	n/a	=	2.9	mg/L	EPA 351.2	0.065	0.1	WKL	
MO-THO	2020/21-1	Wet	12/28/2020 12:08:00 PM	2/3/2021 12:59:00 AM	1,2,4-Trichlorobenzene	n/a	<	9.8	µg/L	EPA 625.1	9.8	20	WKL	
MO-THO	2020/21-1	Wet	12/28/2020 12:08:00 PM	2/3/2021 12:59:00 AM	1,2-Dichlorobenzene	n/a	<	9.2	µg/L	EPA 625.1	9.2	20	WKL	
MO-THO	2020/21-1	Wet	12/28/2020 12:08:00 PM	2/3/2021 12:59:00 AM	1,2-Diphenylhydrazine	n/a	<	6	µg/L	EPA 625.1	6	20	WKL	
MO-THO	2020/21-1	Wet	12/28/2020 12:08:00 PM	2/3/2021 12:59:00 AM	1,3-Dichlorobenzene	n/a	<	8.4	µg/L	EPA 625.1	8.4	20	WKL	
MO-THO	2020/21-1	Wet	12/28/2020 12:08:00 PM	2/3/2021 12:59:00 AM	1,4-Dichlorobenzene	n/a	<	9.6	µg/L	EPA 625.1	9.6	20	WKL	
MO-THO	2020/21-1	Wet	12/28/2020 12:08:00 PM	1/31/2021 12:02:00 AM	1-Methylnaphthalene	n/a	<	0.48	µg/L	EPA 8270C	0.48	2	WKL	
MO-THO	2020/21-1	Wet	12/28/2020 12:08:00 PM	2/2/2021 5:05:00 AM	2,4,5-Trichlorophenol	n/a	<	5.8	µg/L	EPA 8270C	5.8	20	WKL	
MO-THO	2020/21-1	Wet	12/28/2020 12:08:00 PM	2/3/2021 12:59:00 AM	2,4,6-Trichlorophenol	n/a	<	4.4	µg/L	EPA 625.1	4.4	20	WKL	
MO-THO	2020/21-1	Wet	12/28/2020 12:08:00 PM	2/2/2021 5:05:00 AM	2,4,6-Trichlorophenol	n/a	<	6	µg/L	EPA 8270C	6	20	WKL	
MO-THO	2020/21-1	Wet	12/28/2020 12:08:00 PM	2/2/2021 5:05:00 AM	2,4-Dichlorophenol	n/a	<	10	µg/L	EPA 8270C	10	20	WKL	
MO-THO	2020/21-1	Wet	12/28/2020 12:08:00 PM	2/3/2021 12:59:00 AM	2,4-Dichlorophenol	n/a	<	5.2	µg/L	EPA 625.1	5.2	20	WKL	
MO-THO	2020/21-1	Wet	12/28/2020 12:08:00 PM	2/3/2021 12:59:00 AM	2,4-Dimethylphenol	n/a	<	6	µg/L	EPA 625.1	6	20	WKL	
MO-THO	2020/21-1	Wet	12/28/2020 12:08:00 PM	2/2/2021 5:05:00 AM	2,4-Dimethylphenol	n/a	<	20	µg/L	EPA 8270C	20	40	WKL	LB-LCSR
MO-THO	2020/21-1	Wet	12/28/2020 12:08:00 PM	2/3/2021 12:59:00 AM	2,4-Dinitrophenol	n/a	<	37	µg/L	EPA 625.1	37	200	WKL	
MO-THO	2020/21-1	Wet	12/28/2020 12:08:00 PM	2/2/2021 5:05:00 AM	2,4-Dinitrophenol	n/a	<	20	µg/L	EPA 8270C	20	40	WKL	
MO-THO	2020/21-1	Wet	12/28/2020 12:08:00 PM	2/3/2021 12:59:00 AM	2,4-Dinitrotoluene	n/a	<	3.6	µg/L	EPA 625.1	3.6	20	WKL	
MO-THO	2020/21-1	Wet	12/28/2020 12:08:00 PM	2/3/2021 12:59:00 AM	2,6-Dinitrotoluene	n/a	<	5.4	µg/L	EPA 625.1	5.4	20	WKL	
MO-THO	2020/21-1	Wet	12/28/2020 12:08:00 PM	2/3/2021 12:59:00 AM	2-Chloronaphthalene	n/a	<	9	µg/L	EPA 625.1	9	20	WKL	
MO-THO	2020/21-1	Wet	12/28/2020 12:08:00 PM	2/2/2021 5:05:00 AM	2-Chlorophenol	n/a	<	13	µg/L	EPA 8270C	13	20	WKL	
MO-THO	2020/21-1	Wet	12/28/2020 12:08:00 PM	2/3/2021 12:59:00 AM	2-Chlorophenol	n/a	<	5.6	µg/L	EPA 625.1	5.6	20	WKL	
MO-THO	2020/21-1	Wet	12/28/2020 12:08:00 PM	1/31/2021 12:02:00 AM	2-Methylnaphthalene	n/a	<	0.52	µg/L	EPA 8270C	0.52	2	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-THO	2020/21-1	Wet	12/28/2020 12:08:00 PM	2/2/2021 5:05:00 AM	2-Methylphenol	n/a	<	6.8	µg/L	EPA 8270C	6.8	20	WKL	
MO-THO	2020/21-1	Wet	12/28/2020 12:08:00 PM	2/3/2021 12:59:00 AM	2-Nitrophenol	n/a	<	5.2	µg/L	EPA 625.1	5.2	20	WKL	
MO-THO	2020/21-1	Wet	12/28/2020 12:08:00 PM	2/2/2021 5:05:00 AM	2-Nitrophenol	n/a	<	14	µg/L	EPA 8270C	14	20	WKL	
MO-THO	2020/21-1	Wet	12/28/2020 12:08:00 PM	2/3/2021 12:59:00 AM	3,3'-Dichlorobenzidine	n/a	<	20	µg/L	EPA 625.1	20	100	WKL	
MO-THO	2020/21-1	Wet	12/28/2020 12:08:00 PM	2/2/2021 5:05:00 AM	3-/4-Methylphenol	n/a	<	6	µg/L	EPA 8270C	6	20	WKL	
MO-THO	2020/21-1	Wet	12/28/2020 12:08:00 PM	2/2/2021 5:05:00 AM	4,6-Dinitro-2-methylphenol	n/a	<	2.8	µg/L	EPA 8270C	2.8	20	WKL	
MO-THO	2020/21-1	Wet	12/28/2020 12:08:00 PM	2/3/2021 12:59:00 AM	4,6-Dinitro-2-methylphenol	n/a	<	28	µg/L	EPA 625.1	28	100	WKL	
MO-THO	2020/21-1	Wet	12/28/2020 12:08:00 PM	2/3/2021 12:59:00 AM	4-Bromophenyl phenyl ether	n/a	<	7.2	µg/L	EPA 625.1	7.2	20	WKL	
MO-THO	2020/21-1	Wet	12/28/2020 12:08:00 PM	2/3/2021 12:59:00 AM	4-Chloro-3-methylphenol	n/a	<	4.6	µg/L	EPA 625.1	4.6	20	WKL	
MO-THO	2020/21-1	Wet	12/28/2020 12:08:00 PM	2/2/2021 5:05:00 AM	4-Chloro-3-methylphenol	n/a	<	7.4	µg/L	EPA 8270C	7.4	20	WKL	
MO-THO	2020/21-1	Wet	12/28/2020 12:08:00 PM	2/3/2021 12:59:00 AM	4-Chlorophenyl phenyl ether	n/a	<	8.2	µg/L	EPA 625.1	8.2	20	WKL	
MO-THO	2020/21-1	Wet	12/28/2020 12:08:00 PM	2/3/2021 12:59:00 AM	4-Nitrophenol	n/a	<	25	µg/L	EPA 625.1	25	100	WKL	
MO-THO	2020/21-1	Wet	12/28/2020 12:08:00 PM	2/2/2021 5:05:00 AM	4-Nitrophenol	n/a	<	20	µg/L	EPA 8270C	20	40	WKL	
MO-THO	2020/21-1	Wet	12/28/2020 12:08:00 PM	1/31/2021 12:02:00 AM	Acenaphthene	n/a	<	0.56	µg/L	EPA 8270C	0.56	2	WKL	
MO-THO	2020/21-1	Wet	12/28/2020 12:08:00 PM	2/3/2021 12:59:00 AM	Acenaphthene	n/a	<	7.6	µg/L	EPA 625.1	7.6	20	WKL	
MO-THO	2020/21-1	Wet	12/28/2020 12:08:00 PM	2/3/2021 12:59:00 AM	Acenaphthylene	n/a	<	3.4	µg/L	EPA 625.1	3.4	20	WKL	
MO-THO	2020/21-1	Wet	12/28/2020 12:08:00 PM	1/31/2021 12:02:00 AM	Acenaphthylene	n/a	<	0.66	µg/L	EPA 8270C	0.66	2	WKL	
MO-THO	2020/21-1	Wet	12/28/2020 12:08:00 PM	2/3/2021 12:59:00 AM	Anthracene	n/a	<	2.4	µg/L	EPA 625.1	2.4	20	WKL	
MO-THO	2020/21-1	Wet	12/28/2020 12:08:00 PM	1/31/2021 12:02:00 AM	Anthracene	n/a	<	0.5	µg/L	EPA 8270C	0.5	2	WKL	
MO-THO	2020/21-1	Wet	12/28/2020 12:08:00 PM	2/3/2021 12:59:00 AM	Benz(a)anthracene	n/a	<	3.8	µg/L	EPA 625.1	3.8	20	WKL	
MO-THO	2020/21-1	Wet	12/28/2020 12:08:00 PM	1/31/2021 12:02:00 AM	Benz(a)anthracene	n/a	<	1	µg/L	EPA 8270C	1	2	WKL	
MO-THO	2020/21-1	Wet	12/28/2020 12:08:00 PM	2/3/2021 12:59:00 AM	Benzidine	n/a	<	29	µg/L	EPA 625.1	29	200	WKL	
MO-THO	2020/21-1	Wet	12/28/2020 12:08:00 PM	1/31/2021 12:02:00 AM	Benzo(a)pyrene	n/a	<	1	µg/L	EPA 8270C	1	2	WKL	
MO-THO	2020/21-1	Wet	12/28/2020 12:08:00 PM	2/3/2021 12:59:00 AM	Benzo(a)pyrene	n/a	<	7.8	µg/L	EPA 625.1	7.8	20	WKL	
MO-THO	2020/21-1	Wet	12/28/2020 12:08:00 PM	1/22/2021 1:31:00 AM	Benzo(a)pyrene	n/a	DNQ	1.3	µg/L	EPA 525.2	0.4	2	WKL	
MO-THO	2020/21-1	Wet	12/28/2020 12:08:00 PM	1/31/2021 12:02:00 AM	Benzo(b)fluoranthene	n/a	<	0.54	µg/L	EPA 8270C	0.54	2	WKL	
MO-THO	2020/21-1	Wet	12/28/2020 12:08:00 PM	2/3/2021 12:59:00 AM	Benzo(b)fluoranthene	n/a	<	9.2	µg/L	EPA 625.1	9.2	20	WKL	
MO-THO	2020/21-1	Wet	12/28/2020 12:08:00 PM	2/3/2021 12:59:00 AM	Benzo(g,h,i)perylene	n/a	<	8.4	µg/L	EPA 625.1	8.4	40	WKL	
MO-THO	2020/21-1	Wet	12/28/2020 12:08:00 PM	1/31/2021 12:02:00 AM	Benzo(g,h,i)perylene	n/a	<	1	µg/L	EPA 8270C	1	2	WKL	
MO-THO	2020/21-1	Wet	12/28/2020 12:08:00 PM	2/3/2021 12:59:00 AM	Benzo(k)fluoranthene	n/a	<	4.4	µg/L	EPA 625.1	4.4	20	WKL	
MO-THO	2020/21-1	Wet	12/28/2020 12:08:00 PM	1/31/2021 12:02:00 AM	Benzo(k)fluoranthene	n/a	<	0.52	µg/L	EPA 8270C	0.52	2	WKL	
MO-THO	2020/21-1	Wet	12/28/2020 12:08:00 PM	2/3/2021 12:59:00 AM	Bis(2-chloroethoxy)methane	n/a	<	5	µg/L	EPA 625.1	5	20	WKL	
MO-THO	2020/21-1	Wet	12/28/2020 12:08:00 PM	2/3/2021 12:59:00 AM	Bis(2-chloroethyl)ether	n/a	<	5.4	µg/L	EPA 625.1	5.4	20	WKL	
MO-THO	2020/21-1	Wet	12/28/2020 12:08:00 PM	2/3/2021 12:59:00 AM	Bis(2-chloroisopropyl)ether	n/a	<	7.6	µg/L	EPA 625.1	7.6	20	WKL	
MO-THO	2020/21-1	Wet	12/28/2020 12:08:00 PM	1/22/2021 1:31:00 AM	Bis(2-ethylhexyl)adipate	n/a	DNQ	4.3	µg/L	EPA 525.2	2.4	100	WKL	
MO-THO	2020/21-1	Wet	12/28/2020 12:08:00 PM	1/22/2021 1:31:00 AM	Bis(2-ethylhexyl)phthalate	n/a	<	8.2	µg/L	EPA 525.2	8.2	60	WKL	
MO-THO	2020/21-1	Wet	12/28/2020 12:08:00 PM	2/3/2021 12:59:00 AM	Bis(2-ethylhexyl)phthalate	n/a	<	46	µg/L	EPA 625.1	46	100	WKL	
MO-THO	2020/21-1	Wet	12/28/2020 12:08:00 PM	2/3/2021 12:59:00 AM	Butyl benzyl phthalate	n/a	<	3.6	µg/L	EPA 625.1	3.6	20	WKL	
MO-THO	2020/21-1	Wet	12/28/2020 12:08:00 PM	1/31/2021 12:02:00 AM	Chrysene	n/a	<	0.64	µg/L	EPA 8270C	0.64	2	WKL	
MO-THO	2020/21-1	Wet	12/28/2020 12:08:00 PM	2/3/2021 12:59:00 AM	Chrysene	n/a	<	3.8	µg/L	EPA 625.1	3.8	20	WKL	
MO-THO	2020/21-1	Wet	12/28/2020 12:08:00 PM	2/3/2021 12:59:00 AM	Dibenz(a,h)anthracene	n/a	<	11	µg/L	EPA 625.1	11	40	WKL	
MO-THO	2020/21-1	Wet	12/28/2020 12:08:00 PM	1/31/2021 12:02:00 AM	Dibenz(a,h)anthracene	n/a	<	1.9	µg/L	EPA 8270C	1.9	2	WKL	
MO-THO	2020/21-1	Wet	12/28/2020 12:08:00 PM	2/3/2021 12:59:00 AM	Diethyl phthalate	n/a	<	3	µg/L	EPA 625.1	3	20	WKL	
MO-THO	2020/21-1	Wet	12/28/2020 12:08:00 PM	2/3/2021 12:59:00 AM	Dimethyl phthalate	n/a	<	3.6	µg/L	EPA 625.1	3.6	20	WKL	
MO-THO	2020/21-1	Wet	12/28/2020 12:08:00 PM	2/3/2021 12:59:00 AM	Di-n-butylphthalate	n/a	<	2	µg/L	EPA 625.1	2	20	WKL	
MO-THO	2020/21-1	Wet	12/28/2020 12:08:00 PM	2/3/2021 12:59:00 AM	Di-n-octylphthalate	n/a	<	9.2	µg/L	EPA 625.1	9.2	20	WKL	
MO-THO	2020/21-1	Wet	12/28/2020 12:08:00 PM	2/3/2021 12:59:00 AM	Fluoranthene	n/a	<	1.6	µg/L	EPA 625.1	1.6	20	WKL	
MO-THO	2020/21-1	Wet	12/28/2020 12:08:00 PM	1/31/2021 12:02:00 AM	Fluoranthene	n/a	<	0.78	µg/L	EPA 8270C	0.78	2	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-THO	2020/21-1	Wet	12/28/2020 12:08:00 PM	2/3/2021 12:59:00 AM	Fluorene	n/a	<	7	µg/L	EPA 625.1	7	20	WKL	
MO-THO	2020/21-1	Wet	12/28/2020 12:08:00 PM	1/31/2021 12:02:00 AM	Fluorene	n/a	<	0.58	µg/L	EPA 8270C	0.58	2	WKL	
MO-THO	2020/21-1	Wet	12/28/2020 12:08:00 PM	2/3/2021 12:59:00 AM	Hexachlorobenzene	n/a	<	9.8	µg/L	EPA 625.1	9.8	20	WKL	
MO-THO	2020/21-1	Wet	12/28/2020 12:08:00 PM	2/3/2021 12:59:00 AM	Hexachlorobutadiene	n/a	<	9.4	µg/L	EPA 625.1	9.4	20	WKL	
MO-THO	2020/21-1	Wet	12/28/2020 12:08:00 PM	2/3/2021 12:59:00 AM	Hexachlorocyclopentadiene	n/a	<	20	µg/L	EPA 625.1	20	100	WKL	
MO-THO	2020/21-1	Wet	12/28/2020 12:08:00 PM	2/3/2021 12:59:00 AM	Hexachloroethane	n/a	<	10	µg/L	EPA 625.1	10	20	WKL	
MO-THO	2020/21-1	Wet	12/28/2020 12:08:00 PM	1/31/2021 12:02:00 AM	Indeno(1,2,3-cd)pyrene	n/a	<	1.3	µg/L	EPA 8270C	1.3	2	WKL	
MO-THO	2020/21-1	Wet	12/28/2020 12:08:00 PM	2/3/2021 12:59:00 AM	Indeno(1,2,3-cd)pyrene	n/a	<	11	µg/L	EPA 625.1	11	40	WKL	
MO-THO	2020/21-1	Wet	12/28/2020 12:08:00 PM	2/3/2021 12:59:00 AM	Isophorone	n/a	<	4.2	µg/L	EPA 625.1	4.2	20	WKL	
MO-THO	2020/21-1	Wet	12/28/2020 12:08:00 PM	1/31/2021 12:02:00 AM	Naphthalene	n/a	<	0.52	µg/L	EPA 8270C	0.52	2	WKL	
MO-THO	2020/21-1	Wet	12/28/2020 12:08:00 PM	2/3/2021 12:59:00 AM	Naphthalene	n/a	<	9.8	µg/L	EPA 625.1	9.8	20	WKL	
MO-THO	2020/21-1	Wet	12/28/2020 12:08:00 PM	2/3/2021 12:59:00 AM	Nitrobenzene	n/a	<	7.2	µg/L	EPA 625.1	7.2	20	WKL	
MO-THO	2020/21-1	Wet	12/28/2020 12:08:00 PM	2/3/2021 12:59:00 AM	N-Nitrosodimethylamine	n/a	<	10	µg/L	EPA 625.1	10	20	WKL	
MO-THO	2020/21-1	Wet	12/28/2020 12:08:00 PM	2/3/2021 12:59:00 AM	N-Nitrosodi-N-propylamine	n/a	<	5.2	µg/L	EPA 625.1	5.2	20	WKL	
MO-THO	2020/21-1	Wet	12/28/2020 12:08:00 PM	2/3/2021 12:59:00 AM	N-Nitrosodiphenylamine	n/a	<	3.8	µg/L	EPA 625.1	3.8	20	WKL	
MO-THO	2020/21-1	Wet	12/28/2020 12:08:00 PM	1/31/2021 12:02:00 AM	Phenanthrene	n/a	<	0.58	µg/L	EPA 8270C	0.58	2	WKL	
MO-THO	2020/21-1	Wet	12/28/2020 12:08:00 PM	2/3/2021 12:59:00 AM	Phenanthrene	n/a	<	6.4	µg/L	EPA 625.1	6.4	20	WKL	
MO-THO	2020/21-1	Wet	12/28/2020 12:08:00 PM	2/2/2021 5:05:00 AM	Phenol	n/a	<	7	µg/L	EPA 8270C	7	20	WKL	
MO-THO	2020/21-1	Wet	12/28/2020 12:08:00 PM	2/3/2021 12:59:00 AM	Phenol	n/a	<	3.2	µg/L	EPA 625.1	3.2	20	WKL	
MO-THO	2020/21-1	Wet	12/28/2020 12:08:00 PM	1/31/2021 12:02:00 AM	Pyrene	n/a	<	0.8	µg/L	EPA 8270C	0.8	2	WKL	
MO-THO	2020/21-1	Wet	12/28/2020 12:08:00 PM	2/3/2021 12:59:00 AM	Pyrene	n/a	<	5	µg/L	EPA 625.1	5	20	WKL	
MO-THO	2020/21-1	Wet	12/28/2020 12:08:00 PM	1/14/2021 4:51:00 AM	PCB Aroclor 1016	n/a	<	25	µg/L	EPA 608.3	25	25	WKL	
MO-THO	2020/21-1	Wet	12/28/2020 12:08:00 PM	1/14/2021 4:51:00 AM	PCB Aroclor 1221	n/a	<	25	µg/L	EPA 608.3	25	25	WKL	
MO-THO	2020/21-1	Wet	12/28/2020 12:08:00 PM	1/14/2021 4:51:00 AM	PCB Aroclor 1232	n/a	<	25	µg/L	EPA 608.3	25	25	WKL	
MO-THO	2020/21-1	Wet	12/28/2020 12:08:00 PM	1/14/2021 4:51:00 AM	PCB Aroclor 1242	n/a	<	25	µg/L	EPA 608.3	25	25	WKL	
MO-THO	2020/21-1	Wet	12/28/2020 12:08:00 PM	1/14/2021 4:51:00 AM	PCB Aroclor 1248	n/a	<	25	µg/L	EPA 608.3	25	25	WKL	
MO-THO	2020/21-1	Wet	12/28/2020 12:08:00 PM	1/14/2021 4:51:00 AM	PCB Aroclor 1254	n/a	<	25	µg/L	EPA 608.3	25	25	WKL	
MO-THO	2020/21-1	Wet	12/28/2020 12:08:00 PM	1/14/2021 4:51:00 AM	PCB Aroclor 1260	n/a	<	25	µg/L	EPA 608.3	25	25	WKL	
MO-THO	2020/21-1	Wet	12/28/2020 12:08:00 PM	1/8/2021 11:09:00 AM	2,4,5-T	n/a	<	0.55	µg/L	EPA 515.4	0.55	2	WKL	
MO-THO	2020/21-1	Wet	12/28/2020 12:08:00 PM	1/8/2021 11:09:00 AM	2,4,5-TP	n/a	<	0.46	µg/L	EPA 515.4	0.46	2	WKL	
MO-THO	2020/21-1	Wet	12/28/2020 12:08:00 PM	1/8/2021 11:09:00 AM	2,4-D	n/a	<	1.4	µg/L	EPA 515.4	1.4	4	WKL	
MO-THO	2020/21-1	Wet	12/28/2020 12:08:00 PM	1/8/2021 11:09:00 AM	2,4-DB	n/a	<	1.9	µg/L	EPA 515.4	1.9	20	WKL	
MO-THO	2020/21-1	Wet	12/28/2020 12:08:00 PM	1/8/2021 11:09:00 AM	3,5-Dichlorobenzoic acid	n/a	<	1.2	µg/L	EPA 515.4	1.2	10	WKL	
MO-THO	2020/21-1	Wet	12/28/2020 12:08:00 PM	1/14/2021 4:51:00 AM	4,4'-DDD	n/a	<	0.035	µg/L	EPA 608.3	0.035	2.5	WKL	
MO-THO	2020/21-1	Wet	12/28/2020 12:08:00 PM	1/14/2021 4:51:00 AM	4,4'-DDE	n/a	<	0.035	µg/L	EPA 608.3	0.035	2.5	WKL	
MO-THO	2020/21-1	Wet	12/28/2020 12:08:00 PM	1/14/2021 4:51:00 AM	4,4'-DDT	n/a	<	0.055	µg/L	EPA 608.3	0.055	0.5	WKL	
MO-THO	2020/21-1	Wet	12/28/2020 12:08:00 PM	1/8/2021 11:09:00 AM	Acifluorfen	n/a	<	0.72	µg/L	EPA 515.4	0.72	4	WKL	
MO-THO	2020/21-1	Wet	12/28/2020 12:08:00 PM	1/22/2021 1:31:00 AM	Alachlor	n/a	<	0.6	µg/L	EPA 525.2	0.6	2	WKL	
MO-THO	2020/21-1	Wet	12/28/2020 12:08:00 PM	1/14/2021 4:51:00 AM	Aldrin	n/a	<	0.05	µg/L	EPA 608.3	0.05	0.25	WKL	
MO-THO	2020/21-1	Wet	12/28/2020 12:08:00 PM	1/14/2021 4:51:00 AM	alpha-BHC	n/a	<	0.055	µg/L	EPA 608.3	0.055	0.5	WKL	
MO-THO	2020/21-1	Wet	12/28/2020 12:08:00 PM	1/14/2021 4:51:00 AM	alpha-Chlordane	n/a	<	0.14	µg/L	EPA 608.3	0.14	0.5	WKL	
MO-THO	2020/21-1	Wet	12/28/2020 12:08:00 PM	1/22/2021 1:31:00 AM	Atrazine	n/a	<	0.6	µg/L	EPA 525.2	0.6	2	WKL	
MO-THO	2020/21-1	Wet	12/28/2020 12:08:00 PM	1/20/2021 9:45:00 AM	Azinphos methyl	n/a	<	0.28	µg/L	EPA 625.1m	0.28	0.5	WKL	
MO-THO	2020/21-1	Wet	12/28/2020 12:08:00 PM	1/8/2021 11:09:00 AM	Bentazon	n/a	<	2.3	µg/L	EPA 515.4	2.3	20	WKL	
MO-THO	2020/21-1	Wet	12/28/2020 12:08:00 PM	1/14/2021 4:51:00 AM	beta-BHC	n/a	<	0.075	µg/L	EPA 608.3	0.075	0.25	WKL	
MO-THO	2020/21-1	Wet	12/28/2020 12:08:00 PM	1/20/2021 9:45:00 AM	Bolstar	n/a	<	0.23	µg/L	EPA 625.1m	0.23	0.5	WKL	
MO-THO	2020/21-1	Wet	12/28/2020 12:08:00 PM	1/22/2021 1:31:00 AM	Bromacil	n/a	<	3.2	µg/L	EPA 525.2	3.2	10	WKL	
MO-THO	2020/21-1	Wet	12/28/2020 12:08:00 PM	1/22/2021 1:31:00 AM	Butachlor	n/a	<	0.6	µg/L	EPA 525.2	0.6	2	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-THO	2020/21-1	Wet	12/28/2020 12:08:00 PM	1/22/2021 1:31:00 AM	Captan	n/a	<	3.2	µg/L	EPA 525.2	3.2	20	WKL	
MO-THO	2020/21-1	Wet	12/28/2020 12:08:00 PM	1/14/2021 4:51:00 AM	Chlordane (technical)	n/a	<	5	µg/L	EPA 608.3	5	5	WKL	
MO-THO	2020/21-1	Wet	12/28/2020 12:08:00 PM	1/22/2021 1:31:00 AM	Chlorpropham	n/a	<	0.8	µg/L	EPA 525.2	0.8	2	WKL	
MO-THO	2020/21-1	Wet	12/28/2020 12:08:00 PM	1/20/2021 11:26:00 AM	Chlorpyrifos	n/a	<	0.34	µg/L	EPA 625.1m	0.34	0.5	WKL	
MO-THO	2020/21-1	Wet	12/28/2020 12:08:00 PM	1/20/2021 9:45:00 AM	Coumaphos	n/a	<	0.26	µg/L	EPA 625.1m	0.26	0.5	WKL	
MO-THO	2020/21-1	Wet	12/28/2020 12:08:00 PM	1/22/2021 1:31:00 AM	Cyanazine	n/a	<	0.8	µg/L	EPA 525.2	0.8	2	WKL	
MO-THO	2020/21-1	Wet	12/28/2020 12:08:00 PM	1/8/2021 11:09:00 AM	Dalapon	n/a	<	1.1	µg/L	EPA 515.4	1.1	4	WKL	
MO-THO	2020/21-1	Wet	12/28/2020 12:08:00 PM	1/8/2021 11:09:00 AM	DCEP (Dacthal)	n/a	<	0.53	µg/L	EPA 515.4	0.53	1	WKL	
MO-THO	2020/21-1	Wet	12/28/2020 12:08:00 PM	1/14/2021 4:51:00 AM	delta-BHC	n/a	<	0.25	µg/L	EPA 608.3	0.25	0.25	WKL	
MO-THO	2020/21-1	Wet	12/28/2020 12:08:00 PM	1/20/2021 11:26:00 AM	Demeton-O	n/a	<	0.5	µg/L	EPA 625.1m	0.5	0.5	WKL	-LCSRPD, LB-L
MO-THO	2020/21-1	Wet	12/28/2020 12:08:00 PM	1/20/2021 11:26:00 AM	Demeton-S	n/a	<	0.5	µg/L	EPA 625.1m	0.5	0.5	WKL	
MO-THO	2020/21-1	Wet	12/28/2020 12:08:00 PM	1/20/2021 9:45:00 AM	Diazinon	n/a	<	0.26	µg/L	EPA 625.1m	0.26	0.5	WKL	EST-LCSRPD
MO-THO	2020/21-1	Wet	12/28/2020 12:08:00 PM	1/22/2021 1:31:00 AM	Diazinon	n/a	<	1	µg/L	EPA 525.2	1	2	WKL	
MO-THO	2020/21-1	Wet	12/28/2020 12:08:00 PM	1/8/2021 11:09:00 AM	Dicamba	n/a	<	0.75	µg/L	EPA 515.4	0.75	6	WKL	
MO-THO	2020/21-1	Wet	12/28/2020 12:08:00 PM	1/8/2021 11:09:00 AM	Dichlorprop	n/a	<	1.2	µg/L	EPA 515.4	1.2	3	WKL	
MO-THO	2020/21-1	Wet	12/28/2020 12:08:00 PM	1/20/2021 9:45:00 AM	Dichlorvos	n/a	<	0.14	µg/L	EPA 625.1m	0.14	0.5	WKL	
MO-THO	2020/21-1	Wet	12/28/2020 12:08:00 PM	1/14/2021 4:51:00 AM	Dieldrin	n/a	<	0.04	µg/L	EPA 608.3	0.04	0.5	WKL	
MO-THO	2020/21-1	Wet	12/28/2020 12:08:00 PM	1/20/2021 11:26:00 AM	Dimethoate	n/a	<	0.31	µg/L	EPA 625.1m	0.31	0.5	WKL	
MO-THO	2020/21-1	Wet	12/28/2020 12:08:00 PM	1/22/2021 1:31:00 AM	Dimethoate	n/a	<	0.4	µg/L	EPA 525.2	0.4	4	WKL	
MO-THO	2020/21-1	Wet	12/28/2020 12:08:00 PM	1/8/2021 11:09:00 AM	Dinoseb	n/a	<	0.55	µg/L	EPA 515.4	0.55	4	WKL	
MO-THO	2020/21-1	Wet	12/28/2020 12:08:00 PM	1/22/2021 1:31:00 AM	Diphenamid	n/a	<	0.6	µg/L	EPA 525.2	0.6	2	WKL	
MO-THO	2020/21-1	Wet	12/28/2020 12:08:00 PM	1/20/2021 11:26:00 AM	Disulfoton	n/a	<	0.5	µg/L	EPA 625.1m	0.5	0.5	WKL	
MO-THO	2020/21-1	Wet	12/28/2020 12:08:00 PM	1/22/2021 1:31:00 AM	Disulfoton	n/a	<	0.8	µg/L	EPA 525.2	0.8	2	WKL	
MO-THO	2020/21-1	Wet	12/28/2020 12:08:00 PM	1/14/2021 4:51:00 AM	Endosulfan I	n/a	<	0.045	µg/L	EPA 608.3	0.045	1	WKL	
MO-THO	2020/21-1	Wet	12/28/2020 12:08:00 PM	1/14/2021 4:51:00 AM	Endosulfan II	n/a	<	0.035	µg/L	EPA 608.3	0.035	0.5	WKL	
MO-THO	2020/21-1	Wet	12/28/2020 12:08:00 PM	1/14/2021 4:51:00 AM	Endosulfan sulfate	n/a	<	0.065	µg/L	EPA 608.3	0.065	2.5	WKL	
MO-THO	2020/21-1	Wet	12/28/2020 12:08:00 PM	1/14/2021 4:51:00 AM	Endrin	n/a	<	0.085	µg/L	EPA 608.3	0.085	0.5	WKL	
MO-THO	2020/21-1	Wet	12/28/2020 12:08:00 PM	1/14/2021 4:51:00 AM	Endrin aldehyde	n/a	<	0.095	µg/L	EPA 608.3	0.095	0.5	WKL	
MO-THO	2020/21-1	Wet	12/28/2020 12:08:00 PM	1/22/2021 1:31:00 AM	EPTC	n/a	<	0.4	µg/L	EPA 525.2	0.4	2	WKL	
MO-THO	2020/21-1	Wet	12/28/2020 12:08:00 PM	1/20/2021 11:26:00 AM	Ethoprop	n/a	<	0.34	µg/L	EPA 625.1m	0.34	0.5	WKL	
MO-THO	2020/21-1	Wet	12/28/2020 12:08:00 PM	1/20/2021 11:26:00 AM	Ethyl parathion	n/a	<	0.27	µg/L	EPA 625.1m	0.27	0.5	WKL	EST-LCSRPD
MO-THO	2020/21-1	Wet	12/28/2020 12:08:00 PM	1/20/2021 9:45:00 AM	Fensulfotion	n/a	<	0.14	µg/L	EPA 625.1m	0.14	0.5	WKL	
MO-THO	2020/21-1	Wet	12/28/2020 12:08:00 PM	1/20/2021 9:45:00 AM	Fenthion	n/a	<	0.19	µg/L	EPA 625.1m	0.19	0.5	WKL	
MO-THO	2020/21-1	Wet	12/28/2020 12:08:00 PM	1/14/2021 4:51:00 AM	gamma-BHC (Lindane)	n/a	<	0.02	µg/L	EPA 608.3	0.02	1	WKL	
MO-THO	2020/21-1	Wet	12/28/2020 12:08:00 PM	1/14/2021 4:51:00 AM	gamma-Chlordane	n/a	<	0.12	µg/L	EPA 608.3	0.12	0.5	WKL	
MO-THO	2020/21-1	Wet	12/28/2020 12:08:00 PM	12/30/2020 4:13:00 AM	Glyphosate	n/a	=	14	µg/L	EPA 547	1.8	5	WKL	
MO-THO	2020/21-1	Wet	12/28/2020 12:08:00 PM	1/14/2021 4:51:00 AM	Heptachlor	n/a	<	0.03	µg/L	EPA 608.3	0.03	0.5	WKL	
MO-THO	2020/21-1	Wet	12/28/2020 12:08:00 PM	1/14/2021 4:51:00 AM	Heptachlor epoxide	n/a	<	0.02	µg/L	EPA 608.3	0.02	0.5	WKL	
MO-THO	2020/21-1	Wet	12/28/2020 12:08:00 PM	1/20/2021 11:26:00 AM	Malathion	n/a	<	0.38	µg/L	EPA 625.1m	0.38	0.5	WKL	
MO-THO	2020/21-1	Wet	12/28/2020 12:08:00 PM	1/20/2021 9:45:00 AM	Merphos	n/a	<	0.29	µg/L	EPA 625.1m	0.29	0.5	WKL	
MO-THO	2020/21-1	Wet	12/28/2020 12:08:00 PM	1/20/2021 11:26:00 AM	Methyl parathion	n/a	<	0.32	µg/L	EPA 625.1m	0.32	0.5	WKL	
MO-THO	2020/21-1	Wet	12/28/2020 12:08:00 PM	1/22/2021 1:31:00 AM	Metolachlor	n/a	<	0.6	µg/L	EPA 525.2	0.6	2	WKL	
MO-THO	2020/21-1	Wet	12/28/2020 12:08:00 PM	1/22/2021 1:31:00 AM	Metribuzin	n/a	<	0.6	µg/L	EPA 525.2	0.6	2	WKL	
MO-THO	2020/21-1	Wet	12/28/2020 12:08:00 PM	1/20/2021 11:26:00 AM	Mevinphos	n/a	<	0.21	µg/L	EPA 625.1m	0.21	0.5	WKL	
MO-THO	2020/21-1	Wet	12/28/2020 12:08:00 PM	1/22/2021 1:31:00 AM	Molinate	n/a	<	0.6	µg/L	EPA 525.2	0.6	2	WKL	
MO-THO	2020/21-1	Wet	12/28/2020 12:08:00 PM	1/20/2021 9:45:00 AM	Naled	n/a	<	0.38	µg/L	EPA 625.1m	0.38	0.5	WKL	
MO-THO	2020/21-1	Wet	12/28/2020 12:08:00 PM	2/2/2021 5:05:00 AM	Pentachlorophenol	n/a	<	3	µg/L	EPA 8270C	3	20	WKL	
MO-THO	2020/21-1	Wet	12/28/2020 12:08:00 PM	1/8/2021 11:09:00 AM	Pentachlorophenol	n/a	<	0.46	µg/L	EPA 515.4	0.46	2	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-THO	2020/21-1	Wet	12/28/2020 12:08:00 PM	2/3/2021 12:59:00 AM	Pentachlorophenol	n/a	<	8	µg/L	EPA 625.1	8	20	WKL	
MO-THO	2020/21-1	Wet	12/28/2020 12:08:00 PM	1/20/2021 9:45:00 AM	Phorate	n/a	<	0.15	µg/L	EPA 625.1m	0.15	0.5	WKL	
MO-THO	2020/21-1	Wet	12/28/2020 12:08:00 PM	1/8/2021 11:09:00 AM	Picloram	n/a	<	0.38	µg/L	EPA 515.4	0.38	6	WKL	
MO-THO	2020/21-1	Wet	12/28/2020 12:08:00 PM	1/22/2021 1:31:00 AM	Prometon	n/a	<	0.2	µg/L	EPA 525.2	0.2	2	WKL	EST-LCSRPD
MO-THO	2020/21-1	Wet	12/28/2020 12:08:00 PM	1/22/2021 1:31:00 AM	Prometryn	n/a	<	0.6	µg/L	EPA 525.2	0.6	2	WKL	EST-LCSRPD
MO-THO	2020/21-1	Wet	12/28/2020 12:08:00 PM	1/20/2021 11:26:00 AM	Ronnel (Fenchlorphos)	n/a	<	0.2	µg/L	EPA 625.1m	0.2	0.5	WKL	
MO-THO	2020/21-1	Wet	12/28/2020 12:08:00 PM	1/22/2021 1:31:00 AM	Simazine	n/a	<	0.4	µg/L	EPA 525.2	0.4	2	WKL	
MO-THO	2020/21-1	Wet	12/28/2020 12:08:00 PM	1/20/2021 11:26:00 AM	Stirophos (Tetrachlorvinphos)	n/a	<	0.16	µg/L	EPA 625.1m	0.16	0.5	WKL	
MO-THO	2020/21-1	Wet	12/28/2020 12:08:00 PM	1/22/2021 1:31:00 AM	Terbacil	n/a	<	1.8	µg/L	EPA 525.2	1.8	40	WKL	EST-LCSRPD
MO-THO	2020/21-1	Wet	12/28/2020 12:08:00 PM	1/22/2021 1:31:00 AM	Thiobencarb	n/a	<	0.6	µg/L	EPA 525.2	0.6	2	WKL	
MO-THO	2020/21-1	Wet	12/28/2020 12:08:00 PM	1/20/2021 9:45:00 AM	Tokuthion	n/a	<	0.39	µg/L	EPA 625.1m	0.39	0.5	WKL	
MO-THO	2020/21-1	Wet	12/28/2020 12:08:00 PM	1/14/2021 4:51:00 AM	Toxaphene	n/a	<	50	µg/L	EPA 608.3	50	50	WKL	
MO-THO	2020/21-1	Wet	12/28/2020 12:08:00 PM	1/20/2021 9:45:00 AM	Trichloronate	n/a	<	0.34	µg/L	EPA 625.1m	0.34	0.5	WKL	
MO-THO	2020/21-1	Wet	12/28/2020 12:08:00 PM	1/22/2021 1:31:00 AM	Trithion	n/a	DNQ	1.3	µg/L	EPA 525.2	0.4	2	WKL	
MO-THO	2020/21-2	Wet	1/28/2021 10:15:00 PM	1/28/2021 10:15:00 PM	Conductivity	n/a	=	201.5	µmhos/cm	Field Meter	-88	1	Field Crew	
MO-THO	2020/21-2	Wet	1/28/2021 10:15:00 PM	2/9/2021 5:22:00 PM	Cyanide	Total	=	0.003	mg/L	ASTM D7511	0.0003	0.002	WKL	
MO-THO	2020/21-2	Wet	1/28/2021 10:15:00 PM	1/28/2021 10:15:00 PM	DO	n/a	=	8.86	mg/L	Field Meter	-88	0.3	Field Crew	
MO-THO	2020/21-2	Wet	1/28/2021 10:15:00 PM	1/28/2021 10:15:00 PM	DO	n/a	=	80.9	%	Field Meter	-88	0.1	Field Crew	
MO-THO	2020/21-2	Wet	1/28/2021 10:15:00 PM	1/28/2021 10:15:00 PM	pH	n/a	=	7.89	pH Units	Field Meter	-88	0.01	Field Crew	
MO-THO	2020/21-2	Wet	1/28/2021 10:15:00 PM	1/28/2021 10:15:00 PM	Salinity	n/a	=	100	mg/L	Field Meter	-88	100	Field Crew	
MO-THO	2020/21-2	Wet	1/28/2021 10:15:00 PM	1/28/2021 10:15:00 PM	Specific Conductance	n/a	=	273.8	µmhos/cm	Field Meter	-88	1	Field Crew	
MO-THO	2020/21-2	Wet	1/28/2021 10:15:00 PM	1/28/2021 10:15:00 PM	Temperature	n/a	=	11.2	°C	Field Meter	-88	0.1	Field Crew	
MO-THO	2020/21-2	Wet	1/28/2021 10:15:00 PM	2/1/2021 12:05:00 PM	Gasoline Range Organics	n/a	<	0.065	mg/L	LUFT GC/MS	0.065	0.1	WKL	
MO-THO	2020/21-2	Wet	1/28/2021 10:15:00 PM	2/19/2021 11:29:00 AM	Oil and Grease	n/a	DNQ	0.8	mg/L	EPA 1664B	0.7	5	WKL	
MO-THO	2020/21-2	Wet	1/28/2021 10:15:00 PM	1/31/2021 5:51:00 PM	2-Chloroethyl vinyl ether	n/a	<	0.19	µg/L	EPA 624.1	0.19	1	WKL	
MO-THO	2020/21-2	Wet	1/28/2021 10:15:00 PM	1/31/2021 5:51:00 PM	Methyl tert-butyl ether (MTBE)	n/a	<	0.4	µg/L	EPA 624.1	0.4	1	WKL	
MO-THO	2020/21-2	Wet	1/29/2021 9:55:00 AM	2/3/2021 3:54:00 AM	Chloride	n/a	=	55	mg/L	EPA 300.0	0.17	1	WKL	
MO-THO	2020/21-2	Wet	1/29/2021 9:55:00 AM	2/3/2021 3:54:00 AM	Fluoride	n/a	DNQ	0.16	mg/L	EPA 300.0	0.018	0.2	WKL	
MO-THO	2020/21-2	Wet	1/29/2021 9:55:00 AM	2/3/2021 9:13:00 AM	Perchlorate	n/a	<	0.84	µg/L	EPA 314.0	0.84	2	WKL	
MO-THO	2020/21-2	Wet	1/29/2021 9:55:00 AM	2/6/2021 6:09:00 PM	Calcium	Total	=	52.4	mg/L	EPA 200.7	0.016	0.1	WKL	
MO-THO	2020/21-2	Wet	1/29/2021 9:55:00 AM	2/6/2021 6:09:00 PM	Magnesium	Total	=	30.6	mg/L	EPA 200.7	0.012	0.1	WKL	
MO-THO	2020/21-2	Wet	1/29/2021 9:55:00 AM	2/4/2021 12:42:00 PM	Alkalinity as CaCO3	n/a	=	130	mg/L	SM 2320 B	0.56	5	WKL	
MO-THO	2020/21-2	Wet	1/29/2021 9:55:00 AM	2/4/2021 5:30:00 PM	BOD	n/a	=	14	mg/L	SM 5210 B	2	2	WKL	
MO-THO	2020/21-2	Wet	1/29/2021 9:55:00 AM	2/9/2021 10:01:00 AM	COD	n/a	=	130	mg/L	EPA 410.4	2.9	5	WKL	
MO-THO	2020/21-2	Wet	1/29/2021 9:55:00 AM	2/6/2021 6:09:00 PM	Hardness as CaCO3	Total	=	257	mg/L	EPA 200.7	0.0894	0.662	WKL	
MO-THO	2020/21-2	Wet	1/29/2021 9:55:00 AM	1/30/2021 5:57:00 PM	MBAS	n/a	DNQ	0.02	mg/L	SM 5540 C	0.017	0.05	WKL	
MO-THO	2020/21-2	Wet	1/29/2021 9:55:00 AM	2/11/2021 2:35:00 PM	Phenolics	n/a	<	0.0032	mg/L	EPA 420.4	0.0032	0.01	WKL	
MO-THO	2020/21-2	Wet	1/29/2021 9:55:00 AM	2/3/2021 1:40:00 PM	Specific Conductance	n/a	=	570	µmhos/cm	SM 2510 B	0.23	2	WKL	
MO-THO	2020/21-2	Wet	1/29/2021 9:55:00 AM	2/5/2021 8:00:00 AM	Total Dissolved Solids	n/a	=	350	mg/L	SM 2540 C	4	10	WKL	
MO-THO	2020/21-2	Wet	1/29/2021 9:55:00 AM	2/5/2021 12:35:00 PM	Total Organic Carbon	n/a	=	11	mg/L	SM 5310 B	0.096	0.3	WKL	
MO-THO	2020/21-2	Wet	1/29/2021 9:55:00 AM	2/5/2021 8:00:00 AM	Total Suspended Solids	n/a	=	530	mg/L	SM 2540 D	-88	5	WKL	
MO-THO	2020/21-2	Wet	1/29/2021 9:55:00 AM	1/29/2021 7:56:00 PM	Turbidity	n/a	=	70	NTU	EPA 180.1	0.085	0.5	WKL	
MO-THO	2020/21-2	Wet	1/29/2021 9:55:00 AM	2/5/2021 8:00:00 AM	Volatile Suspended Solids	n/a	=	93	mg/L	EPA 160.4	3.1	5	WKL	
MO-THO	2020/21-2	Wet	1/29/2021 9:55:00 AM	2/12/2021 12:49:00 AM	Diesel Range Organics	n/a	DNQ	0.32	mg/L	EPA 8015B	0.13	0.4	WKL	
MO-THO	2020/21-2	Wet	1/29/2021 9:55:00 AM	2/12/2021 12:49:00 AM	Oil Range Organics	n/a	<	1.3	mg/L	EPA 8015B	1.3	2	WKL	
MO-THO	2020/21-2	Wet	1/29/2021 9:55:00 AM	2/9/2021 6:23:00 PM	Aluminum	Dissolved	DNQ	12	µg/L	EPA 200.8	4.4	20	WKL	
MO-THO	2020/21-2	Wet	1/29/2021 9:55:00 AM	2/9/2021 6:44:00 PM	Aluminum	Total	=	12000	µg/L	EPA 200.8	8.9	40	WKL	
MO-THO	2020/21-2	Wet	1/29/2021 9:55:00 AM	2/9/2021 6:23:00 PM	Antimony	Dissolved	DNQ	0.41	µg/L	EPA 200.8	0.089	0.5	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-THO	2020/21-2	Wet	1/29/2021 9:55:00 AM	2/9/2021 6:26:00 PM	Antimony	Total	=	0.73	µg/L	EPA 200.8	0.089	0.5	WKL	
MO-THO	2020/21-2	Wet	1/29/2021 9:55:00 AM	2/9/2021 6:23:00 PM	Arsenic	Dissolved	=	1.5	µg/L	EPA 200.8	0.074	0.4	WKL	
MO-THO	2020/21-2	Wet	1/29/2021 9:55:00 AM	2/9/2021 6:26:00 PM	Arsenic	Total	=	4.4	µg/L	EPA 200.8	0.074	0.4	WKL	
MO-THO	2020/21-2	Wet	1/29/2021 9:55:00 AM	2/9/2021 6:26:00 PM	Barium	Total	=	86	µg/L	EPA 200.8	0.14	1	WKL	
MO-THO	2020/21-2	Wet	1/29/2021 9:55:00 AM	2/9/2021 6:23:00 PM	Beryllium	Dissolved	<	0.062	µg/L	EPA 200.8	0.062	0.1	WKL	
MO-THO	2020/21-2	Wet	1/29/2021 9:55:00 AM	2/9/2021 6:26:00 PM	Beryllium	Total	=	0.32	µg/L	EPA 200.8	0.062	0.1	WKL	
MO-THO	2020/21-2	Wet	1/29/2021 9:55:00 AM	2/9/2021 6:23:00 PM	Cadmium	Dissolved	<	0.042	µg/L	EPA 200.8	0.042	0.2	WKL	
MO-THO	2020/21-2	Wet	1/29/2021 9:55:00 AM	2/9/2021 6:26:00 PM	Cadmium	Total	=	0.93	µg/L	EPA 200.8	0.042	0.2	WKL	
MO-THO	2020/21-2	Wet	1/29/2021 9:55:00 AM	2/9/2021 6:23:00 PM	Chromium	Dissolved	DNQ	0.19	µg/L	EPA 200.8	0.089	0.2	WKL	
MO-THO	2020/21-2	Wet	1/29/2021 9:55:00 AM	2/9/2021 6:26:00 PM	Chromium	Total	=	32	µg/L	EPA 200.8	0.089	0.2	WKL	
MO-THO	2020/21-2	Wet	1/29/2021 9:55:00 AM	2/3/2021 3:53:00 PM	Chromium VI	n/a	=	0.14	µg/L	EPA 218.6	0.0079	0.02	WKL	
MO-THO	2020/21-2	Wet	1/29/2021 9:55:00 AM	2/9/2021 6:23:00 PM	Copper	Dissolved	=	1.9	µg/L	EPA 200.8	0.23	0.5	WKL	
MO-THO	2020/21-2	Wet	1/29/2021 9:55:00 AM	2/9/2021 6:26:00 PM	Copper	Total	=	31	µg/L	EPA 200.8	0.23	0.5	WKL	
MO-THO	2020/21-2	Wet	1/29/2021 9:55:00 AM	2/9/2021 9:55:00 AM	Iron	Dissolved	=	54	µg/L	EPA 200.8	3.9	20	WKL	
MO-THO	2020/21-2	Wet	1/29/2021 9:55:00 AM	2/9/2021 6:44:00 PM	Iron	Total	=	17000	µg/L	EPA 200.8	7.9	40	WKL	
MO-THO	2020/21-2	Wet	1/29/2021 9:55:00 AM	2/9/2021 6:23:00 PM	Lead	Dissolved	<	0.083	µg/L	EPA 200.8	0.083	0.2	WKL	
MO-THO	2020/21-2	Wet	1/29/2021 9:55:00 AM	2/9/2021 6:26:00 PM	Lead	Total	=	8.6	µg/L	EPA 200.8	0.083	0.2	WKL	
MO-THO	2020/21-2	Wet	1/29/2021 9:55:00 AM	2/7/2021 1:15:00 PM	Mercury	Dissolved	<	17	ng/L	EPA 245.1	17	50	WKL	
MO-THO	2020/21-2	Wet	1/29/2021 9:55:00 AM	2/7/2021 1:17:00 PM	Mercury	Total	DNQ	39	ng/L	EPA 245.1	17	50	WKL	
MO-THO	2020/21-2	Wet	1/29/2021 9:55:00 AM	2/9/2021 6:23:00 PM	Nickel	Dissolved	DNQ	1.8	µg/L	EPA 200.8	0.16	2	WKL	
MO-THO	2020/21-2	Wet	1/29/2021 9:55:00 AM	2/9/2021 6:26:00 PM	Nickel	Total	=	29	µg/L	EPA 200.8	0.16	2	WKL	
MO-THO	2020/21-2	Wet	1/29/2021 9:55:00 AM	2/9/2021 9:55:00 AM	Selenium	Dissolved	=	0.66	µg/L	EPA 200.8	0.067	0.4	WKL	
MO-THO	2020/21-2	Wet	1/29/2021 9:55:00 AM	2/9/2021 6:26:00 PM	Selenium	Total	=	1.7	µg/L	EPA 200.8	0.067	0.4	WKL	
MO-THO	2020/21-2	Wet	1/29/2021 9:55:00 AM	2/9/2021 6:23:00 PM	Silver	Dissolved	<	0.03	µg/L	EPA 200.8	0.03	0.2	WKL	
MO-THO	2020/21-2	Wet	1/29/2021 9:55:00 AM	2/9/2021 6:26:00 PM	Silver	Total	DNQ	0.12	µg/L	EPA 200.8	0.03	0.2	WKL	
MO-THO	2020/21-2	Wet	1/29/2021 9:55:00 AM	2/9/2021 6:23:00 PM	Thallium	Dissolved	<	0.021	µg/L	EPA 200.8	0.021	0.2	WKL	
MO-THO	2020/21-2	Wet	1/29/2021 9:55:00 AM	2/9/2021 6:26:00 PM	Thallium	Total	DNQ	0.16	µg/L	EPA 200.8	0.021	0.2	WKL	
MO-THO	2020/21-2	Wet	1/29/2021 9:55:00 AM	2/9/2021 6:23:00 PM	Zinc	Dissolved	DNQ	3	µg/L	EPA 200.8	0.8	10	WKL	
MO-THO	2020/21-2	Wet	1/29/2021 9:55:00 AM	2/9/2021 6:26:00 PM	Zinc	Total	=	120	µg/L	EPA 200.8	0.8	10	WKL	
MO-THO	2020/21-2	Wet	1/29/2021 9:55:00 AM	2/12/2021 1:44:00 PM	Ammonia as N	n/a	=	0.17	mg/L	EPA 350.1	0.047	0.1	WKL	
MO-THO	2020/21-2	Wet	1/29/2021 9:55:00 AM	1/30/2021 4:10:00 PM	Nitrate + Nitrite as N	n/a	=	0.65	mg/L	EPA 353.2	0.036	0.2	WKL	
MO-THO	2020/21-2	Wet	1/29/2021 9:55:00 AM	2/6/2021 6:06:00 PM	Phosphorus as P	Dissolved	=	0.14	mg/L	EPA 200.7	0.012	0.02	WKL	
MO-THO	2020/21-2	Wet	1/29/2021 9:55:00 AM	2/6/2021 6:09:00 PM	Phosphorus as P	Total	=	0.91	mg/L	EPA 200.7	0.012	0.02	WKL	
MO-THO	2020/21-2	Wet	1/29/2021 9:55:00 AM	2/10/2021 4:21:00 PM	TKN	n/a	=	3.2	mg/L	EPA 351.2	0.13	0.2	WKL	
MO-THO	2020/21-2	Wet	1/29/2021 9:55:00 AM	2/9/2021 11:25:00 PM	1,2,4-Trichlorobenzene	n/a	<	9.8	µg/L	EPA 625.1	9.8	20	WKL	
MO-THO	2020/21-2	Wet	1/29/2021 9:55:00 AM	2/9/2021 11:25:00 PM	1,2-Dichlorobenzene	n/a	<	9.2	µg/L	EPA 625.1	9.2	20	WKL	
MO-THO	2020/21-2	Wet	1/29/2021 9:55:00 AM	2/9/2021 11:25:00 PM	1,2-Diphenylhydrazine	n/a	<	6	µg/L	EPA 625.1	6	20	WKL	
MO-THO	2020/21-2	Wet	1/29/2021 9:55:00 AM	2/9/2021 11:25:00 PM	1,3-Dichlorobenzene	n/a	<	8.4	µg/L	EPA 625.1	8.4	20	WKL	
MO-THO	2020/21-2	Wet	1/29/2021 9:55:00 AM	2/9/2021 11:25:00 PM	1,4-Dichlorobenzene	n/a	<	9.6	µg/L	EPA 625.1	9.6	20	WKL	
MO-THO	2020/21-2	Wet	1/29/2021 9:55:00 AM	2/27/2021 4:21:00 PM	1-Methylnaphthalene	n/a	<	0.48	µg/L	EPA 8270C	0.48	2	WKL	
MO-THO	2020/21-2	Wet	1/29/2021 9:55:00 AM	3/5/2021 6:54:00 AM	2,4,5-Trichlorophenol	n/a	<	5.8	µg/L	EPA 8270C	5.8	20	WKL	
MO-THO	2020/21-2	Wet	1/29/2021 9:55:00 AM	3/5/2021 6:54:00 AM	2,4,6-Trichlorophenol	n/a	<	6	µg/L	EPA 8270C	6	20	WKL	
MO-THO	2020/21-2	Wet	1/29/2021 9:55:00 AM	2/9/2021 11:25:00 PM	2,4,6-Trichlorophenol	n/a	<	4.4	µg/L	EPA 625.1	4.4	20	WKL	
MO-THO	2020/21-2	Wet	1/29/2021 9:55:00 AM	2/9/2021 11:25:00 PM	2,4-Dichlorophenol	n/a	<	5.2	µg/L	EPA 625.1	5.2	20	WKL	
MO-THO	2020/21-2	Wet	1/29/2021 9:55:00 AM	3/5/2021 6:54:00 AM	2,4-Dichlorophenol	n/a	<	10	µg/L	EPA 8270C	10	20	WKL	
MO-THO	2020/21-2	Wet	1/29/2021 9:55:00 AM	2/9/2021 11:25:00 PM	2,4-Dimethylphenol	n/a	<	6	µg/L	EPA 625.1	6	20	WKL	
MO-THO	2020/21-2	Wet	1/29/2021 9:55:00 AM	3/5/2021 6:54:00 AM	2,4-Dimethylphenol	n/a	<	20	µg/L	EPA 8270C	20	40	WKL	
MO-THO	2020/21-2	Wet	1/29/2021 9:55:00 AM	2/9/2021 11:25:00 PM	2,4-Dinitrophenol	n/a	<	37	µg/L	EPA 625.1	37	200	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-THO	2020/21-2	Wet	1/29/2021 9:55:00 AM	3/5/2021 6:54:00 AM	2,4-Dinitrophenol	n/a	<	20	µg/L	EPA 8270C	20	40	WKL	
MO-THO	2020/21-2	Wet	1/29/2021 9:55:00 AM	2/9/2021 11:25:00 PM	2,4-Dinitrotoluene	n/a	<	3.6	µg/L	EPA 625.1	3.6	20	WKL	
MO-THO	2020/21-2	Wet	1/29/2021 9:55:00 AM	2/9/2021 11:25:00 PM	2,6-Dinitrotoluene	n/a	<	5.4	µg/L	EPA 625.1	5.4	20	WKL	
MO-THO	2020/21-2	Wet	1/29/2021 9:55:00 AM	2/9/2021 11:25:00 PM	2-Chloronaphthalene	n/a	<	9	µg/L	EPA 625.1	9	20	WKL	
MO-THO	2020/21-2	Wet	1/29/2021 9:55:00 AM	2/9/2021 11:25:00 PM	2-Chlorophenol	n/a	<	5.6	µg/L	EPA 625.1	5.6	20	WKL	
MO-THO	2020/21-2	Wet	1/29/2021 9:55:00 AM	3/5/2021 6:54:00 AM	2-Chlorophenol	n/a	<	13	µg/L	EPA 8270C	13	20	WKL	
MO-THO	2020/21-2	Wet	1/29/2021 9:55:00 AM	2/27/2021 4:21:00 PM	2-Methylnaphthalene	n/a	<	0.52	µg/L	EPA 8270C	0.52	2	WKL	
MO-THO	2020/21-2	Wet	1/29/2021 9:55:00 AM	3/5/2021 6:54:00 AM	2-Methylphenol	n/a	<	6.8	µg/L	EPA 8270C	6.8	20	WKL	
MO-THO	2020/21-2	Wet	1/29/2021 9:55:00 AM	2/9/2021 11:25:00 PM	2-Nitrophenol	n/a	<	5.2	µg/L	EPA 625.1	5.2	20	WKL	
MO-THO	2020/21-2	Wet	1/29/2021 9:55:00 AM	3/5/2021 6:54:00 AM	2-Nitrophenol	n/a	<	14	µg/L	EPA 8270C	14	20	WKL	
MO-THO	2020/21-2	Wet	1/29/2021 9:55:00 AM	2/9/2021 11:25:00 PM	3,3'-Dichlorobenzidine	n/a	<	20	µg/L	EPA 625.1	20	100	WKL	
MO-THO	2020/21-2	Wet	1/29/2021 9:55:00 AM	3/5/2021 6:54:00 AM	3-/4-Methylphenol	n/a	<	6	µg/L	EPA 8270C	6	20	WKL	
MO-THO	2020/21-2	Wet	1/29/2021 9:55:00 AM	2/9/2021 11:25:00 PM	4,6-Dinitro-2-methylphenol	n/a	<	28	µg/L	EPA 625.1	28	100	WKL	
MO-THO	2020/21-2	Wet	1/29/2021 9:55:00 AM	3/5/2021 6:54:00 AM	4,6-Dinitro-2-methylphenol	n/a	<	2.8	µg/L	EPA 8270C	2.8	20	WKL	
MO-THO	2020/21-2	Wet	1/29/2021 9:55:00 AM	2/9/2021 11:25:00 PM	4-Bromophenyl phenyl ether	n/a	<	7.2	µg/L	EPA 625.1	7.2	20	WKL	
MO-THO	2020/21-2	Wet	1/29/2021 9:55:00 AM	2/9/2021 11:25:00 PM	4-Chloro-3-methylphenol	n/a	<	4.6	µg/L	EPA 625.1	4.6	20	WKL	
MO-THO	2020/21-2	Wet	1/29/2021 9:55:00 AM	3/5/2021 6:54:00 AM	4-Chloro-3-methylphenol	n/a	<	7.4	µg/L	EPA 8270C	7.4	20	WKL	
MO-THO	2020/21-2	Wet	1/29/2021 9:55:00 AM	2/9/2021 11:25:00 PM	4-Chlorophenyl phenyl ether	n/a	<	8.2	µg/L	EPA 625.1	8.2	20	WKL	
MO-THO	2020/21-2	Wet	1/29/2021 9:55:00 AM	2/9/2021 11:25:00 PM	4-Nitrophenol	n/a	<	25	µg/L	EPA 625.1	25	100	WKL	
MO-THO	2020/21-2	Wet	1/29/2021 9:55:00 AM	3/5/2021 6:54:00 AM	4-Nitrophenol	n/a	<	20	µg/L	EPA 8270C	20	40	WKL	
MO-THO	2020/21-2	Wet	1/29/2021 9:55:00 AM	2/9/2021 11:25:00 PM	Acenaphthene	n/a	<	7.6	µg/L	EPA 625.1	7.6	20	WKL	
MO-THO	2020/21-2	Wet	1/29/2021 9:55:00 AM	2/27/2021 4:21:00 PM	Acenaphthene	n/a	<	0.56	µg/L	EPA 8270C	0.56	2	WKL	
MO-THO	2020/21-2	Wet	1/29/2021 9:55:00 AM	2/9/2021 11:25:00 PM	Acenaphthylene	n/a	<	3.4	µg/L	EPA 625.1	3.4	20	WKL	
MO-THO	2020/21-2	Wet	1/29/2021 9:55:00 AM	2/27/2021 4:21:00 PM	Acenaphthylene	n/a	<	0.66	µg/L	EPA 8270C	0.66	2	WKL	
MO-THO	2020/21-2	Wet	1/29/2021 9:55:00 AM	2/9/2021 11:25:00 PM	Anthracene	n/a	<	2.4	µg/L	EPA 625.1	2.4	20	WKL	
MO-THO	2020/21-2	Wet	1/29/2021 9:55:00 AM	2/27/2021 4:21:00 PM	Anthracene	n/a	<	0.5	µg/L	EPA 8270C	0.5	2	WKL	
MO-THO	2020/21-2	Wet	1/29/2021 9:55:00 AM	2/9/2021 11:25:00 PM	Benz(a)anthracene	n/a	<	3.8	µg/L	EPA 625.1	3.8	20	WKL	
MO-THO	2020/21-2	Wet	1/29/2021 9:55:00 AM	2/27/2021 4:21:00 PM	Benz(a)anthracene	n/a	<	1	µg/L	EPA 8270C	1	2	WKL	
MO-THO	2020/21-2	Wet	1/29/2021 9:55:00 AM	2/9/2021 11:25:00 PM	Benzidine	n/a	<	29	µg/L	EPA 625.1	29	200	WKL	
MO-THO	2020/21-2	Wet	1/29/2021 9:55:00 AM	2/12/2021 10:02:00 AM	Benzo(a)pyrene	n/a	<	0.2	µg/L	EPA 525.2	0.2	1	WKL	
MO-THO	2020/21-2	Wet	1/29/2021 9:55:00 AM	2/9/2021 11:25:00 PM	Benzo(a)pyrene	n/a	<	7.8	µg/L	EPA 625.1	7.8	20	WKL	
MO-THO	2020/21-2	Wet	1/29/2021 9:55:00 AM	2/27/2021 4:21:00 PM	Benzo(a)pyrene	n/a	<	1	µg/L	EPA 8270C	1	2	WKL	
MO-THO	2020/21-2	Wet	1/29/2021 9:55:00 AM	2/9/2021 11:25:00 PM	Benzo(b)fluoranthene	n/a	<	9.2	µg/L	EPA 625.1	9.2	20	WKL	
MO-THO	2020/21-2	Wet	1/29/2021 9:55:00 AM	2/27/2021 4:21:00 PM	Benzo(b)fluoranthene	n/a	<	0.54	µg/L	EPA 8270C	0.54	2	WKL	
MO-THO	2020/21-2	Wet	1/29/2021 9:55:00 AM	2/27/2021 4:21:00 PM	Benzo(g,h,i)perylene	n/a	<	1	µg/L	EPA 8270C	1	2	WKL	
MO-THO	2020/21-2	Wet	1/29/2021 9:55:00 AM	2/9/2021 11:25:00 PM	Benzo(g,h,i)perylene	n/a	<	8.4	µg/L	EPA 625.1	8.4	40	WKL	
MO-THO	2020/21-2	Wet	1/29/2021 9:55:00 AM	2/9/2021 11:25:00 PM	Benzo(k)fluoranthene	n/a	<	4.4	µg/L	EPA 625.1	4.4	20	WKL	
MO-THO	2020/21-2	Wet	1/29/2021 9:55:00 AM	2/27/2021 4:21:00 PM	Benzo(k)fluoranthene	n/a	<	0.52	µg/L	EPA 8270C	0.52	2	WKL	
MO-THO	2020/21-2	Wet	1/29/2021 9:55:00 AM	2/9/2021 11:25:00 PM	Bis(2-chloroethoxy)methane	n/a	<	5	µg/L	EPA 625.1	5	20	WKL	
MO-THO	2020/21-2	Wet	1/29/2021 9:55:00 AM	2/9/2021 11:25:00 PM	Bis(2-chloroethyl)ether	n/a	<	5.4	µg/L	EPA 625.1	5.4	20	WKL	
MO-THO	2020/21-2	Wet	1/29/2021 9:55:00 AM	2/9/2021 11:25:00 PM	Bis(2-chloroisopropyl)ether	n/a	<	7.6	µg/L	EPA 625.1	7.6	20	WKL	
MO-THO	2020/21-2	Wet	1/29/2021 9:55:00 AM	2/12/2021 10:02:00 AM	Bis(2-ethylhexyl)adipate	n/a	<	1.2	µg/L	EPA 525.2	1.2	50	WKL	
MO-THO	2020/21-2	Wet	1/29/2021 9:55:00 AM	2/12/2021 10:02:00 AM	Bis(2-ethylhexyl)phthalate	n/a	<	4.1	µg/L	EPA 525.2	4.1	30	WKL	
MO-THO	2020/21-2	Wet	1/29/2021 9:55:00 AM	2/9/2021 11:25:00 PM	Bis(2-ethylhexyl)phthalate	n/a	<	46	µg/L	EPA 625.1	46	100	WKL	
MO-THO	2020/21-2	Wet	1/29/2021 9:55:00 AM	2/9/2021 11:25:00 PM	Butyl benzyl phthalate	n/a	<	3.6	µg/L	EPA 625.1	3.6	20	WKL	
MO-THO	2020/21-2	Wet	1/29/2021 9:55:00 AM	2/9/2021 11:25:00 PM	Chrysene	n/a	<	3.8	µg/L	EPA 625.1	3.8	20	WKL	
MO-THO	2020/21-2	Wet	1/29/2021 9:55:00 AM	2/27/2021 4:21:00 PM	Chrysene	n/a	<	0.64	µg/L	EPA 8270C	0.64	2	WKL	
MO-THO	2020/21-2	Wet	1/29/2021 9:55:00 AM	2/9/2021 11:25:00 PM	Dibenz(a,h)anthracene	n/a	<	11	µg/L	EPA 625.1	11	40	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-THO	2020/21-2	Wet	1/29/2021 9:55:00 AM	2/27/2021 4:21:00 PM	Dibenz(a,h)anthracene	n/a	<	1.9	µg/L	EPA 8270C	1.9	2	WKL	
MO-THO	2020/21-2	Wet	1/29/2021 9:55:00 AM	2/9/2021 11:25:00 PM	Diethyl phthalate	n/a	<	3	µg/L	EPA 625.1	3	20	WKL	
MO-THO	2020/21-2	Wet	1/29/2021 9:55:00 AM	2/9/2021 11:25:00 PM	Dimethyl phthalate	n/a	DNQ	3.7	µg/L	EPA 625.1	3.6	20	WKL	
MO-THO	2020/21-2	Wet	1/29/2021 9:55:00 AM	2/9/2021 11:25:00 PM	Di-n-butylphthalate	n/a	<	2	µg/L	EPA 625.1	2	20	WKL	
MO-THO	2020/21-2	Wet	1/29/2021 9:55:00 AM	2/9/2021 11:25:00 PM	Di-n-octylphthalate	n/a	<	9.2	µg/L	EPA 625.1	9.2	20	WKL	
MO-THO	2020/21-2	Wet	1/29/2021 9:55:00 AM	2/9/2021 11:25:00 PM	Fluoranthene	n/a	<	1.6	µg/L	EPA 625.1	1.6	20	WKL	
MO-THO	2020/21-2	Wet	1/29/2021 9:55:00 AM	2/27/2021 4:21:00 PM	Fluoranthene	n/a	<	0.78	µg/L	EPA 8270C	0.78	2	WKL	
MO-THO	2020/21-2	Wet	1/29/2021 9:55:00 AM	2/9/2021 11:25:00 PM	Fluorene	n/a	<	7	µg/L	EPA 625.1	7	20	WKL	
MO-THO	2020/21-2	Wet	1/29/2021 9:55:00 AM	2/27/2021 4:21:00 PM	Fluorene	n/a	<	0.58	µg/L	EPA 8270C	0.58	2	WKL	
MO-THO	2020/21-2	Wet	1/29/2021 9:55:00 AM	2/9/2021 11:25:00 PM	Hexachlorobenzene	n/a	<	9.8	µg/L	EPA 625.1	9.8	20	WKL	
MO-THO	2020/21-2	Wet	1/29/2021 9:55:00 AM	2/9/2021 11:25:00 PM	Hexachlorobutadiene	n/a	<	9.4	µg/L	EPA 625.1	9.4	20	WKL	
MO-THO	2020/21-2	Wet	1/29/2021 9:55:00 AM	2/9/2021 11:25:00 PM	Hexachlorocyclopentadiene	n/a	<	20	µg/L	EPA 625.1	20	100	WKL	
MO-THO	2020/21-2	Wet	1/29/2021 9:55:00 AM	2/9/2021 11:25:00 PM	Hexachloroethane	n/a	<	10	µg/L	EPA 625.1	10	20	WKL	
MO-THO	2020/21-2	Wet	1/29/2021 9:55:00 AM	2/9/2021 11:25:00 PM	Indeno(1,2,3-cd)pyrene	n/a	<	11	µg/L	EPA 625.1	11	40	WKL	
MO-THO	2020/21-2	Wet	1/29/2021 9:55:00 AM	2/27/2021 4:21:00 PM	Indeno(1,2,3-cd)pyrene	n/a	<	1.3	µg/L	EPA 8270C	1.3	2	WKL	
MO-THO	2020/21-2	Wet	1/29/2021 9:55:00 AM	2/9/2021 11:25:00 PM	Isophorone	n/a	<	4.2	µg/L	EPA 625.1	4.2	20	WKL	
MO-THO	2020/21-2	Wet	1/29/2021 9:55:00 AM	2/9/2021 11:25:00 PM	Naphthalene	n/a	<	9.8	µg/L	EPA 625.1	9.8	20	WKL	
MO-THO	2020/21-2	Wet	1/29/2021 9:55:00 AM	2/27/2021 4:21:00 PM	Naphthalene	n/a	<	0.52	µg/L	EPA 8270C	0.52	2	WKL	
MO-THO	2020/21-2	Wet	1/29/2021 9:55:00 AM	2/9/2021 11:25:00 PM	Nitrobenzene	n/a	<	7.2	µg/L	EPA 625.1	7.2	20	WKL	
MO-THO	2020/21-2	Wet	1/29/2021 9:55:00 AM	2/9/2021 11:25:00 PM	N-Nitrosodimethylamine	n/a	<	10	µg/L	EPA 625.1	10	20	WKL	
MO-THO	2020/21-2	Wet	1/29/2021 9:55:00 AM	2/9/2021 11:25:00 PM	N-Nitrosodi-N-propylamine	n/a	<	5.2	µg/L	EPA 625.1	5.2	20	WKL	
MO-THO	2020/21-2	Wet	1/29/2021 9:55:00 AM	2/9/2021 11:25:00 PM	N-Nitrosodiphenylamine	n/a	<	3.8	µg/L	EPA 625.1	3.8	20	WKL	
MO-THO	2020/21-2	Wet	1/29/2021 9:55:00 AM	2/27/2021 4:21:00 PM	Phenanthrene	n/a	<	0.58	µg/L	EPA 8270C	0.58	2	WKL	
MO-THO	2020/21-2	Wet	1/29/2021 9:55:00 AM	2/9/2021 11:25:00 PM	Phenanthrene	n/a	<	6.4	µg/L	EPA 625.1	6.4	20	WKL	
MO-THO	2020/21-2	Wet	1/29/2021 9:55:00 AM	2/9/2021 11:25:00 PM	Phenol	n/a	<	3.2	µg/L	EPA 625.1	3.2	20	WKL	
MO-THO	2020/21-2	Wet	1/29/2021 9:55:00 AM	3/5/2021 6:54:00 AM	Phenol	n/a	<	7	µg/L	EPA 8270C	7	20	WKL	
MO-THO	2020/21-2	Wet	1/29/2021 9:55:00 AM	2/9/2021 11:25:00 PM	Pyrene	n/a	<	5	µg/L	EPA 625.1	5	20	WKL	
MO-THO	2020/21-2	Wet	1/29/2021 9:55:00 AM	2/27/2021 4:21:00 PM	Pyrene	n/a	<	0.8	µg/L	EPA 8270C	0.8	2	WKL	
MO-THO	2020/21-2	Wet	1/29/2021 9:55:00 AM	2/17/2021 12:52:00 AM	PCB Aroclor 1016	n/a	<	1.4	µg/L	EPA 608.3	1.4	25	WKL	
MO-THO	2020/21-2	Wet	1/29/2021 9:55:00 AM	2/17/2021 12:52:00 AM	PCB Aroclor 1221	n/a	<	3	µg/L	EPA 608.3	3	25	WKL	
MO-THO	2020/21-2	Wet	1/29/2021 9:55:00 AM	2/17/2021 12:52:00 AM	PCB Aroclor 1232	n/a	<	5	µg/L	EPA 608.3	5	25	WKL	
MO-THO	2020/21-2	Wet	1/29/2021 9:55:00 AM	2/17/2021 12:52:00 AM	PCB Aroclor 1242	n/a	<	3.5	µg/L	EPA 608.3	3.5	25	WKL	
MO-THO	2020/21-2	Wet	1/29/2021 9:55:00 AM	2/17/2021 12:52:00 AM	PCB Aroclor 1248	n/a	<	3	µg/L	EPA 608.3	3	25	WKL	
MO-THO	2020/21-2	Wet	1/29/2021 9:55:00 AM	2/17/2021 12:52:00 AM	PCB Aroclor 1254	n/a	<	2	µg/L	EPA 608.3	2	25	WKL	
MO-THO	2020/21-2	Wet	1/29/2021 9:55:00 AM	2/17/2021 12:52:00 AM	PCB Aroclor 1260	n/a	<	2.8	µg/L	EPA 608.3	2.8	25	WKL	
MO-THO	2020/21-2	Wet	1/29/2021 9:55:00 AM	2/13/2021 6:10:00 AM	2,4,5-T	n/a	<	0.55	µg/L	EPA 515.4	0.55	2	WKL	
MO-THO	2020/21-2	Wet	1/29/2021 9:55:00 AM	2/13/2021 6:10:00 AM	2,4,5-TP	n/a	<	0.46	µg/L	EPA 515.4	0.46	2	WKL	
MO-THO	2020/21-2	Wet	1/29/2021 9:55:00 AM	2/13/2021 6:10:00 AM	2,4-D	n/a	<	1.4	µg/L	EPA 515.4	1.4	4	WKL	
MO-THO	2020/21-2	Wet	1/29/2021 9:55:00 AM	2/13/2021 6:10:00 AM	2,4-DB	n/a	<	1.9	µg/L	EPA 515.4	1.9	20	WKL	
MO-THO	2020/21-2	Wet	1/29/2021 9:55:00 AM	2/13/2021 6:10:00 AM	3,5-Dichlorobenzoic acid	n/a	<	1.2	µg/L	EPA 515.4	1.2	10	WKL	
MO-THO	2020/21-2	Wet	1/29/2021 9:55:00 AM	2/17/2021 12:52:00 AM	4,4'-DDD	n/a	<	0.035	µg/L	EPA 608.3	0.035	2.5	WKL	
MO-THO	2020/21-2	Wet	1/29/2021 9:55:00 AM	2/17/2021 12:52:00 AM	4,4'-DDE	n/a	<	0.035	µg/L	EPA 608.3	0.035	2.5	WKL	
MO-THO	2020/21-2	Wet	1/29/2021 9:55:00 AM	2/17/2021 12:52:00 AM	4,4'-DDT	n/a	<	0.055	µg/L	EPA 608.3	0.055	0.5	WKL	
MO-THO	2020/21-2	Wet	1/29/2021 9:55:00 AM	2/13/2021 6:10:00 AM	Acifluorfen	n/a	<	0.72	µg/L	EPA 515.4	0.72	4	WKL	
MO-THO	2020/21-2	Wet	1/29/2021 9:55:00 AM	2/12/2021 10:02:00 AM	Alachlor	n/a	<	0.3	µg/L	EPA 525.2	0.3	1	WKL	
MO-THO	2020/21-2	Wet	1/29/2021 9:55:00 AM	2/17/2021 12:52:00 AM	Aldrin	n/a	<	0.05	µg/L	EPA 608.3	0.05	0.25	WKL	
MO-THO	2020/21-2	Wet	1/29/2021 9:55:00 AM	2/17/2021 12:52:00 AM	alpha-BHC	n/a	<	0.055	µg/L	EPA 608.3	0.055	0.5	WKL	
MO-THO	2020/21-2	Wet	1/29/2021 9:55:00 AM	2/17/2021 12:52:00 AM	alpha-Chlordane	n/a	<	0.14	µg/L	EPA 608.3	0.14	0.5	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-THO	2020/21-2	Wet	1/29/2021 9:55:00 AM	2/12/2021 10:02:00 AM	Atrazine	n/a	<	0.3	µg/L	EPA 525.2	0.3	1	WKL	
MO-THO	2020/21-2	Wet	1/29/2021 9:55:00 AM	2/3/2021 10:03:00 PM	Azinphos methyl	n/a	<	0.055	µg/L	EPA 625.1m	0.055	0.1	WKL	
MO-THO	2020/21-2	Wet	1/29/2021 9:55:00 AM	2/13/2021 6:10:00 AM	Bentazon	n/a	<	2.3	µg/L	EPA 515.4	2.3	20	WKL	
MO-THO	2020/21-2	Wet	1/29/2021 9:55:00 AM	2/17/2021 12:52:00 AM	beta-BHC	n/a	<	0.075	µg/L	EPA 608.3	0.075	0.25	WKL	
MO-THO	2020/21-2	Wet	1/29/2021 9:55:00 AM	2/3/2021 10:03:00 PM	Bolstar	n/a	<	0.046	µg/L	EPA 625.1m	0.046	0.1	WKL	
MO-THO	2020/21-2	Wet	1/29/2021 9:55:00 AM	2/12/2021 10:02:00 AM	Bromacil	n/a	<	1.6	µg/L	EPA 525.2	1.6	5	WKL	
MO-THO	2020/21-2	Wet	1/29/2021 9:55:00 AM	2/12/2021 10:02:00 AM	Butachlor	n/a	<	0.3	µg/L	EPA 525.2	0.3	1	WKL	
MO-THO	2020/21-2	Wet	1/29/2021 9:55:00 AM	2/12/2021 10:02:00 AM	Captan	n/a	<	1.6	µg/L	EPA 525.2	1.6	10	WKL	
MO-THO	2020/21-2	Wet	1/29/2021 9:55:00 AM	2/17/2021 12:52:00 AM	Chlordane (technical)	n/a	<	25	µg/L	EPA 608.3	25	25	WKL	
MO-THO	2020/21-2	Wet	1/29/2021 9:55:00 AM	2/12/2021 10:02:00 AM	Chlorpropham	n/a	<	0.4	µg/L	EPA 525.2	0.4	1	WKL	
MO-THO	2020/21-2	Wet	1/29/2021 9:55:00 AM	2/3/2021 10:03:00 PM	Chlorpyrifos	n/a	<	0.069	µg/L	EPA 625.1m	0.069	0.1	WKL	
MO-THO	2020/21-2	Wet	1/29/2021 9:55:00 AM	2/3/2021 10:03:00 PM	Coumaphos	n/a	<	0.051	µg/L	EPA 625.1m	0.051	0.1	WKL	
MO-THO	2020/21-2	Wet	1/29/2021 9:55:00 AM	2/12/2021 10:02:00 AM	Cyanazine	n/a	<	0.4	µg/L	EPA 525.2	0.4	1	WKL	
MO-THO	2020/21-2	Wet	1/29/2021 9:55:00 AM	2/13/2021 6:10:00 AM	Dalapon	n/a	<	1.1	µg/L	EPA 515.4	1.1	4	WKL	
MO-THO	2020/21-2	Wet	1/29/2021 9:55:00 AM	2/13/2021 6:10:00 AM	DCPA (Dacthal)	n/a	<	0.53	µg/L	EPA 515.4	0.53	1	WKL	
MO-THO	2020/21-2	Wet	1/29/2021 9:55:00 AM	2/17/2021 12:52:00 AM	delta-BHC	n/a	<	0.095	µg/L	EPA 608.3	0.095	0.25	WKL	
MO-THO	2020/21-2	Wet	1/29/2021 9:55:00 AM	2/3/2021 10:03:00 PM	Demeton-O	n/a	<	0.1	µg/L	EPA 625.1m	0.1	0.1	WKL	
MO-THO	2020/21-2	Wet	1/29/2021 9:55:00 AM	2/3/2021 10:03:00 PM	Demeton-S	n/a	<	0.1	µg/L	EPA 625.1m	0.1	0.1	WKL	
MO-THO	2020/21-2	Wet	1/29/2021 9:55:00 AM	2/3/2021 10:03:00 PM	Diazinon	n/a	<	0.052	µg/L	EPA 625.1m	0.052	0.1	WKL	
MO-THO	2020/21-2	Wet	1/29/2021 9:55:00 AM	2/12/2021 10:02:00 AM	Diazinon	n/a	<	0.5	µg/L	EPA 525.2	0.5	1	WKL	
MO-THO	2020/21-2	Wet	1/29/2021 9:55:00 AM	2/13/2021 6:10:00 AM	Dicamba	n/a	<	0.75	µg/L	EPA 515.4	0.75	6	WKL	
MO-THO	2020/21-2	Wet	1/29/2021 9:55:00 AM	2/13/2021 6:10:00 AM	Dichlorprop	n/a	<	1.2	µg/L	EPA 515.4	1.2	3	WKL	
MO-THO	2020/21-2	Wet	1/29/2021 9:55:00 AM	2/3/2021 10:03:00 PM	Dichlorvos	n/a	<	0.029	µg/L	EPA 625.1m	0.029	0.1	WKL	
MO-THO	2020/21-2	Wet	1/29/2021 9:55:00 AM	2/17/2021 12:52:00 AM	Dieldrin	n/a	<	0.04	µg/L	EPA 608.3	0.04	0.5	WKL	
MO-THO	2020/21-2	Wet	1/29/2021 9:55:00 AM	2/12/2021 10:02:00 AM	Dimethoate	n/a	<	0.2	µg/L	EPA 525.2	0.2	2	WKL	
MO-THO	2020/21-2	Wet	1/29/2021 9:55:00 AM	2/3/2021 10:03:00 PM	Dimethoate	n/a	<	0.062	µg/L	EPA 625.1m	0.062	0.1	WKL	
MO-THO	2020/21-2	Wet	1/29/2021 9:55:00 AM	2/13/2021 6:10:00 AM	Dinoseb	n/a	<	0.55	µg/L	EPA 515.4	0.55	4	WKL	
MO-THO	2020/21-2	Wet	1/29/2021 9:55:00 AM	2/12/2021 10:02:00 AM	Diphenamid	n/a	<	0.3	µg/L	EPA 525.2	0.3	1	WKL	
MO-THO	2020/21-2	Wet	1/29/2021 9:55:00 AM	2/12/2021 10:02:00 AM	Disulfoton	n/a	<	0.4	µg/L	EPA 525.2	0.4	1	WKL	
MO-THO	2020/21-2	Wet	1/29/2021 9:55:00 AM	2/3/2021 10:03:00 PM	Disulfoton	n/a	<	0.1	µg/L	EPA 625.1m	0.1	0.1	WKL	
MO-THO	2020/21-2	Wet	1/29/2021 9:55:00 AM	2/17/2021 12:52:00 AM	Endosulfan I	n/a	<	0.045	µg/L	EPA 608.3	0.045	1	WKL	
MO-THO	2020/21-2	Wet	1/29/2021 9:55:00 AM	2/17/2021 12:52:00 AM	Endosulfan II	n/a	<	0.035	µg/L	EPA 608.3	0.035	0.5	WKL	
MO-THO	2020/21-2	Wet	1/29/2021 9:55:00 AM	2/17/2021 12:52:00 AM	Endosulfan sulfate	n/a	<	0.065	µg/L	EPA 608.3	0.065	2.5	WKL	
MO-THO	2020/21-2	Wet	1/29/2021 9:55:00 AM	2/17/2021 12:52:00 AM	Endrin	n/a	<	0.085	µg/L	EPA 608.3	0.085	0.5	WKL	
MO-THO	2020/21-2	Wet	1/29/2021 9:55:00 AM	2/17/2021 12:52:00 AM	Endrin aldehyde	n/a	<	0.095	µg/L	EPA 608.3	0.095	0.5	WKL	
MO-THO	2020/21-2	Wet	1/29/2021 9:55:00 AM	2/12/2021 10:02:00 AM	EPTC	n/a	<	0.2	µg/L	EPA 525.2	0.2	1	WKL	
MO-THO	2020/21-2	Wet	1/29/2021 9:55:00 AM	2/3/2021 10:03:00 PM	Ethoprop	n/a	<	0.067	µg/L	EPA 625.1m	0.067	0.1	WKL	
MO-THO	2020/21-2	Wet	1/29/2021 9:55:00 AM	2/3/2021 10:03:00 PM	Ethyl parathion	n/a	<	0.054	µg/L	EPA 625.1m	0.054	0.1	WKL	
MO-THO	2020/21-2	Wet	1/29/2021 9:55:00 AM	2/3/2021 10:03:00 PM	Fensulfothion	n/a	<	0.029	µg/L	EPA 625.1m	0.029	0.1	WKL	
MO-THO	2020/21-2	Wet	1/29/2021 9:55:00 AM	2/3/2021 10:03:00 PM	Fenthion	n/a	<	0.038	µg/L	EPA 625.1m	0.038	0.1	WKL	
MO-THO	2020/21-2	Wet	1/29/2021 9:55:00 AM	2/17/2021 12:52:00 AM	gamma-BHC (Lindane)	n/a	<	0.02	µg/L	EPA 608.3	0.02	1	WKL	
MO-THO	2020/21-2	Wet	1/29/2021 9:55:00 AM	2/17/2021 12:52:00 AM	gamma-Chlordane	n/a	<	0.12	µg/L	EPA 608.3	0.12	0.5	WKL	
MO-THO	2020/21-2	Wet	1/29/2021 9:55:00 AM	2/3/2021 6:05:00 PM	Glyphosate	n/a	DNQ	2.4	µg/L	EPA 547	1.8	5	WKL	
MO-THO	2020/21-2	Wet	1/29/2021 9:55:00 AM	2/17/2021 12:52:00 AM	Heptachlor	n/a	<	0.03	µg/L	EPA 608.3	0.03	0.5	WKL	
MO-THO	2020/21-2	Wet	1/29/2021 9:55:00 AM	2/17/2021 12:52:00 AM	Heptachlor epoxide	n/a	<	0.02	µg/L	EPA 608.3	0.02	0.5	WKL	
MO-THO	2020/21-2	Wet	1/29/2021 9:55:00 AM	2/3/2021 10:03:00 PM	Malathion	n/a	<	0.076	µg/L	EPA 625.1m	0.076	0.1	WKL	
MO-THO	2020/21-2	Wet	1/29/2021 9:55:00 AM	2/3/2021 10:03:00 PM	Merphos	n/a	<	0.058	µg/L	EPA 625.1m	0.058	0.1	WKL	
MO-THO	2020/21-2	Wet	1/29/2021 9:55:00 AM	2/17/2021 12:52:00 AM	Methoxychlor	n/a	<	0.07	µg/L	EPA 608.3	0.07	1	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-THO	2020/21-2	Wet	1/29/2021 9:55:00 AM	2/3/2021 10:03:00 PM	Methyl parathion	n/a	<	0.063	µg/L	EPA 625.1m	0.063	0.1	WKL	
MO-THO	2020/21-2	Wet	1/29/2021 9:55:00 AM	2/12/2021 10:02:00 AM	Metolachlor	n/a	<	0.3	µg/L	EPA 525.2	0.3	1	WKL	
MO-THO	2020/21-2	Wet	1/29/2021 9:55:00 AM	2/12/2021 10:02:00 AM	Metribuzin	n/a	<	0.3	µg/L	EPA 525.2	0.3	1	WKL	
MO-THO	2020/21-2	Wet	1/29/2021 9:55:00 AM	2/3/2021 10:03:00 PM	Mevinphos	n/a	<	0.042	µg/L	EPA 625.1m	0.042	0.1	WKL	
MO-THO	2020/21-2	Wet	1/29/2021 9:55:00 AM	2/12/2021 10:02:00 AM	Molinate	n/a	<	0.3	µg/L	EPA 525.2	0.3	1	WKL	
MO-THO	2020/21-2	Wet	1/29/2021 9:55:00 AM	2/3/2021 10:03:00 PM	Naled	n/a	<	0.076	µg/L	EPA 625.1m	0.076	0.1	WKL	
MO-THO	2020/21-2	Wet	1/29/2021 9:55:00 AM	3/5/2021 6:54:00 AM	Pentachlorophenol	n/a	<	3	µg/L	EPA 8270C	3	20	WKL	
MO-THO	2020/21-2	Wet	1/29/2021 9:55:00 AM	2/13/2021 6:10:00 AM	Pentachlorophenol	n/a	<	0.46	µg/L	EPA 515.4	0.46	2	WKL	
MO-THO	2020/21-2	Wet	1/29/2021 9:55:00 AM	2/9/2021 11:25:00 PM	Pentachlorophenol	n/a	<	8	µg/L	EPA 625.1	8	20	WKL	
MO-THO	2020/21-2	Wet	1/29/2021 9:55:00 AM	2/3/2021 10:03:00 PM	Phorate	n/a	<	0.03	µg/L	EPA 625.1m	0.03	0.1	WKL	
MO-THO	2020/21-2	Wet	1/29/2021 9:55:00 AM	2/13/2021 6:10:00 AM	Picloram	n/a	<	0.38	µg/L	EPA 515.4	0.38	6	WKL	
MO-THO	2020/21-2	Wet	1/29/2021 9:55:00 AM	2/12/2021 10:02:00 AM	Prometon	n/a	<	0.1	µg/L	EPA 525.2	0.1	1	WKL	
MO-THO	2020/21-2	Wet	1/29/2021 9:55:00 AM	2/12/2021 10:02:00 AM	Prometryn	n/a	<	0.3	µg/L	EPA 525.2	0.3	1	WKL	
MO-THO	2020/21-2	Wet	1/29/2021 9:55:00 AM	2/3/2021 10:03:00 PM	Ronnel (Fenchlorphos)	n/a	<	0.041	µg/L	EPA 625.1m	0.041	0.1	WKL	
MO-THO	2020/21-2	Wet	1/29/2021 9:55:00 AM	2/12/2021 10:02:00 AM	Simazine	n/a	<	0.2	µg/L	EPA 525.2	0.2	1	WKL	
MO-THO	2020/21-2	Wet	1/29/2021 9:55:00 AM	2/3/2021 10:03:00 PM	Stirophos (Tetrachlorvinphos)	n/a	<	0.031	µg/L	EPA 625.1m	0.031	0.1	WKL	
MO-THO	2020/21-2	Wet	1/29/2021 9:55:00 AM	2/12/2021 10:02:00 AM	Terbacil	n/a	<	0.9	µg/L	EPA 525.2	0.9	20	WKL	
MO-THO	2020/21-2	Wet	1/29/2021 9:55:00 AM	2/12/2021 9:55:00 AM	Thiobencarb	n/a	<	0.3	µg/L	EPA 525.2	0.3	1	WKL	
MO-THO	2020/21-2	Wet	1/29/2021 9:55:00 AM	2/3/2021 10:03:00 PM	Tokuthion	n/a	<	0.078	µg/L	EPA 625.1m	0.078	0.1	WKL	
MO-THO	2020/21-2	Wet	1/29/2021 9:55:00 AM	2/17/2021 12:52:00 AM	Toxaphene	n/a	<	50	µg/L	EPA 608.3	50	50	WKL	
MO-THO	2020/21-2	Wet	1/29/2021 9:55:00 AM	2/3/2021 10:03:00 PM	Trichloronate	n/a	<	0.067	µg/L	EPA 625.1m	0.067	0.1	WKL	
MO-THO	2020/21-2	Wet	1/29/2021 9:55:00 AM	2/12/2021 10:02:00 AM	Trithion	n/a	<	0.2	µg/L	EPA 525.2	0.2	1	WKL	
MO-THO	2020/21-3	Wet	3/10/2021 2:33:00 AM	3/10/2021 2:33:00 AM	Conductivity	n/a	=	1427	µmhos/cm	Field Meter	-88	1	Field Crew	
MO-THO	2020/21-3	Wet	3/10/2021 2:33:00 AM	3/15/2021 4:00:00 PM	Cyanide	Total	=	0.0066	mg/L	ASTM D7511	0.0003	0.002	WKL	
MO-THO	2020/21-3	Wet	3/10/2021 2:33:00 AM	3/10/2021 2:33:00 AM	DO	n/a	=	77.1	%	Field Meter	-88	0.1	Field Crew	
MO-THO	2020/21-3	Wet	3/10/2021 2:33:00 AM	3/10/2021 2:33:00 AM	DO	n/a	=	7.99	mg/L	Field Meter	-88	0.3	Field Crew	
MO-THO	2020/21-3	Wet	3/10/2021 2:33:00 AM	3/10/2021 2:33:00 AM	pH	n/a	=	7.08	pH Units	Field Meter	-88	0.01	Field Crew	
MO-THO	2020/21-3	Wet	3/10/2021 2:33:00 AM	3/10/2021 2:33:00 AM	Salinity	n/a	=	1000	mg/L	Field Meter	-88	100	Field Crew	
MO-THO	2020/21-3	Wet	3/10/2021 2:33:00 AM	3/10/2021 2:33:00 AM	Specific Conductance	n/a	=	1923	µmhos/cm	Field Meter	-88	1	Field Crew	
MO-THO	2020/21-3	Wet	3/10/2021 2:33:00 AM	3/10/2021 2:33:00 AM	Temperature	n/a	=	11.6	°C	Field Meter	-88	0.1	Field Crew	
MO-THO	2020/21-3	Wet	3/10/2021 2:33:00 AM	3/26/2021 12:04:00 PM	Oil and Grease	n/a	<	0.7	mg/L	EPA 1664B	0.7	5	WKL	
MO-THO	2020/21-3	Wet	3/10/2021 12:16:00 PM	3/13/2021 2:03:00 AM	Chloride	n/a	=	230	mg/L	EPA 300.0	0.17	1	WKL	
MO-THO	2020/21-3	Wet	3/10/2021 12:16:00 PM	3/13/2021 2:03:00 AM	Fluoride	n/a	=	0.3	mg/L	EPA 300.0	0.018	0.2	WKL	
MO-THO	2020/21-3	Wet	3/10/2021 12:16:00 PM	3/20/2021 3:56:00 AM	Perchlorate	n/a	<	1.7	µg/L	EPA 314.0	1.7	4	WKL	
MO-THO	2020/21-3	Wet	3/10/2021 12:16:00 PM	3/18/2021 7:33:00 PM	Calcium	Total	=	111	mg/L	EPA 200.7	0.16	0.5	WKL	
MO-THO	2020/21-3	Wet	3/10/2021 12:16:00 PM	3/18/2021 7:33:00 PM	Magnesium	Total	=	96.5	mg/L	EPA 200.7	0.039	0.5	WKL	
MO-THO	2020/21-3	Wet	3/10/2021 12:16:00 PM	3/11/2021 1:29:00 PM	Alkalinity as CaCO3	n/a	=	330	mg/L	SM 2320 B	0.56	5	WKL	
MO-THO	2020/21-3	Wet	3/10/2021 12:16:00 PM	3/16/2021 4:53:00 PM	BOD	n/a	=	6.8	mg/L	SM 5210 B	2	2	WKL	
MO-THO	2020/21-3	Wet	3/10/2021 12:16:00 PM	3/18/2021 11:58:00 AM	COD	n/a	=	35	mg/L	EPA 410.4	2.9	5	WKL	
MO-THO	2020/21-3	Wet	3/10/2021 12:16:00 PM	3/18/2021 7:33:00 PM	Hardness as CaCO3	Total	=	675	mg/L	EPA 200.7	0.56	3.31	WKL	
MO-THO	2020/21-3	Wet	3/10/2021 12:16:00 PM	3/11/2021 9:01:00 PM	MBAS	n/a	DNQ	0.044	mg/L	SM 5540 C	0.017	0.05	WKL	
MO-THO	2020/21-3	Wet	3/10/2021 12:16:00 PM	3/23/2021 1:45:00 PM	Phenolics	n/a	=	0.13	mg/L	EPA 420.4	0.0032	0.01	WKL	
MO-THO	2020/21-3	Wet	3/10/2021 12:16:00 PM	3/15/2021 1:59:00 PM	Specific Conductance	n/a	=	2000	µmhos/cm	SM 2510 B	0.7	6	WKL	
MO-THO	2020/21-3	Wet	3/10/2021 12:16:00 PM	3/15/2021 6:00:00 PM	Total Dissolved Solids	n/a	=	1300	mg/L	SM 2540 C	4	10	WKL	
MO-THO	2020/21-3	Wet	3/10/2021 12:16:00 PM	4/5/2021	Total Organic Carbon	n/a	=	8.1	mg/L	SM 5310 B	1	1	WKL	
MO-THO	2020/21-3	Wet	3/10/2021 12:16:00 PM	3/12/2021 4:29:00 PM	Total Suspended Solids	n/a	=	87	mg/L	SM 2540 D	-88	5	WKL	
MO-THO	2020/21-3	Wet	3/10/2021 12:16:00 PM	3/11/2021 5:16:00 PM	Turbidity	n/a	=	2.3	NTU	EPA 180.1	0.017	0.1	WKL	
MO-THO	2020/21-3	Wet	3/10/2021 12:16:00 PM	3/12/2021 4:29:00 PM	Volatile Suspended Solids	n/a	=	16	mg/L	EPA 160.4	3.1	5	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-THO	2020/21-3	Wet	3/10/2021 12:16:00 PM	3/26/2021 12:24:00 PM	Diesel Range Organics	n/a	DNQ	0.087	mg/L	EPA 8015B	0.032	0.1	WKL	UL-MB
MO-THO	2020/21-3	Wet	3/10/2021 12:16:00 PM	3/26/2021 12:24:00 PM	Oil Range Organics	n/a	<	0.33	mg/L	EPA 8015B	0.33	0.5	WKL	
MO-THO	2020/21-3	Wet	3/10/2021 12:16:00 PM	3/18/2021 1:46:00 PM	Aluminum	Dissolved	<	4.4	µg/L	EPA 200.8	4.4	20	WKL	
MO-THO	2020/21-3	Wet	3/10/2021 12:16:00 PM	3/18/2021 1:49:00 PM	Aluminum	Total	=	1200	µg/L	EPA 200.8	4.4	20	WKL	
MO-THO	2020/21-3	Wet	3/10/2021 12:16:00 PM	3/18/2021 1:46:00 PM	Antimony	Dissolved	DNQ	0.21	µg/L	EPA 200.8	0.089	0.5	WKL	
MO-THO	2020/21-3	Wet	3/10/2021 12:16:00 PM	3/18/2021 1:49:00 PM	Antimony	Total	DNQ	0.25	µg/L	EPA 200.8	0.089	0.5	WKL	
MO-THO	2020/21-3	Wet	3/10/2021 12:16:00 PM	3/18/2021 1:46:00 PM	Arsenic	Dissolved	=	2.5	µg/L	EPA 200.8	0.074	0.4	WKL	
MO-THO	2020/21-3	Wet	3/10/2021 12:16:00 PM	3/18/2021 1:49:00 PM	Arsenic	Total	=	2.8	µg/L	EPA 200.8	0.074	0.4	WKL	
MO-THO	2020/21-3	Wet	3/10/2021 12:16:00 PM	3/18/2021 1:49:00 PM	Barium	Total	=	31	µg/L	EPA 200.8	0.14	1	WKL	
MO-THO	2020/21-3	Wet	3/10/2021 12:16:00 PM	3/18/2021 1:46:00 PM	Beryllium	Dissolved	<	0.062	µg/L	EPA 200.8	0.062	0.1	WKL	
MO-THO	2020/21-3	Wet	3/10/2021 12:16:00 PM	3/18/2021 1:49:00 PM	Beryllium	Total	<	0.062	µg/L	EPA 200.8	0.062	0.1	WKL	
MO-THO	2020/21-3	Wet	3/10/2021 12:16:00 PM	3/18/2021 1:46:00 PM	Cadmium	Dissolved	<	0.042	µg/L	EPA 200.8	0.042	0.2	WKL	
MO-THO	2020/21-3	Wet	3/10/2021 12:16:00 PM	3/18/2021 1:49:00 PM	Cadmium	Total	DNQ	0.12	µg/L	EPA 200.8	0.042	0.2	WKL	
MO-THO	2020/21-3	Wet	3/10/2021 12:16:00 PM	3/18/2021 1:46:00 PM	Chromium	Dissolved	=	0.36	µg/L	EPA 200.8	0.089	0.2	WKL	UL-MB
MO-THO	2020/21-3	Wet	3/10/2021 12:16:00 PM	3/18/2021 1:49:00 PM	Chromium	Total	=	3.3	µg/L	EPA 200.8	0.089	0.2	WKL	
MO-THO	2020/21-3	Wet	3/10/2021 12:16:00 PM	3/22/2021 3:49:00 PM	Chromium VI	n/a	=	0.29	µg/L	EPA 218.6	0.0079	0.02	WKL	
MO-THO	2020/21-3	Wet	3/10/2021 12:16:00 PM	3/18/2021 1:46:00 PM	Copper	Dissolved	=	1.6	µg/L	EPA 200.8	0.23	0.5	WKL	
MO-THO	2020/21-3	Wet	3/10/2021 12:16:00 PM	3/18/2021 1:49:00 PM	Copper	Total	=	3.7	µg/L	EPA 200.8	0.23	0.5	WKL	
MO-THO	2020/21-3	Wet	3/10/2021 12:16:00 PM	3/18/2021 1:46:00 PM	Iron	Dissolved	DNQ	9.7	µg/L	EPA 200.8	3.9	20	WKL	
MO-THO	2020/21-3	Wet	3/10/2021 12:16:00 PM	3/18/2021 1:49:00 PM	Iron	Total	=	1600	µg/L	EPA 200.8	3.9	20	WKL	
MO-THO	2020/21-3	Wet	3/10/2021 12:16:00 PM	3/18/2021 1:46:00 PM	Lead	Dissolved	<	0.083	µg/L	EPA 200.8	0.083	0.2	WKL	
MO-THO	2020/21-3	Wet	3/10/2021 12:16:00 PM	3/18/2021 1:49:00 PM	Lead	Total	=	0.73	µg/L	EPA 200.8	0.083	0.2	WKL	
MO-THO	2020/21-3	Wet	3/10/2021 12:16:00 PM	3/18/2021 4:06:00 PM	Mercury	Dissolved	<	17	ng/L	EPA 245.1	17	50	WKL	
MO-THO	2020/21-3	Wet	3/10/2021 12:16:00 PM	3/18/2021 4:08:00 PM	Mercury	Total	<	17	ng/L	EPA 245.1	17	50	WKL	
MO-THO	2020/21-3	Wet	3/10/2021 12:16:00 PM	3/18/2021 1:46:00 PM	Nickel	Dissolved	DNQ	1.5	µg/L	EPA 200.8	0.16	2	WKL	
MO-THO	2020/21-3	Wet	3/10/2021 12:16:00 PM	3/18/2021 1:49:00 PM	Nickel	Total	=	5	µg/L	EPA 200.8	0.16	2	WKL	
MO-THO	2020/21-3	Wet	3/10/2021 12:16:00 PM	3/18/2021 1:46:00 PM	Selenium	Dissolved	=	1.5	µg/L	EPA 200.8	0.067	0.4	WKL	
MO-THO	2020/21-3	Wet	3/10/2021 12:16:00 PM	3/18/2021 1:49:00 PM	Selenium	Total	=	1.6	µg/L	EPA 200.8	0.067	0.4	WKL	
MO-THO	2020/21-3	Wet	3/10/2021 12:16:00 PM	3/18/2021 1:46:00 PM	Silver	Dissolved	<	0.03	µg/L	EPA 200.8	0.03	0.2	WKL	
MO-THO	2020/21-3	Wet	3/10/2021 12:16:00 PM	3/18/2021 1:49:00 PM	Silver	Total	<	0.03	µg/L	EPA 200.8	0.03	0.2	WKL	
MO-THO	2020/21-3	Wet	3/10/2021 12:16:00 PM	3/18/2021 1:46:00 PM	Thallium	Dissolved	<	0.021	µg/L	EPA 200.8	0.021	0.2	WKL	
MO-THO	2020/21-3	Wet	3/10/2021 12:16:00 PM	3/18/2021 1:49:00 PM	Thallium	Total	<	0.021	µg/L	EPA 200.8	0.021	0.2	WKL	
MO-THO	2020/21-3	Wet	3/10/2021 12:16:00 PM	3/18/2021 1:46:00 PM	Zinc	Dissolved	DNQ	1.3	µg/L	EPA 200.8	0.8	10	WKL	
MO-THO	2020/21-3	Wet	3/10/2021 12:16:00 PM	3/18/2021 1:49:00 PM	Zinc	Total	=	12	µg/L	EPA 200.8	0.8	10	WKL	
MO-THO	2020/21-3	Wet	3/10/2021 12:16:00 PM	3/18/2021 3:57:00 PM	Ammonia as N	n/a	<	0.047	mg/L	EPA 350.1	0.047	0.1	WKL	
MO-THO	2020/21-3	Wet	3/10/2021 12:16:00 PM	3/11/2021 7:17:00 PM	Nitrate + Nitrite as N	n/a	=	0.46	mg/L	EPA 353.2	0.036	0.2	WKL	
MO-THO	2020/21-3	Wet	3/10/2021 12:16:00 PM	3/18/2021 7:31:00 PM	Phosphorus as P	Dissolved	<	0.012	mg/L	EPA 200.7	0.012	0.02	WKL	
MO-THO	2020/21-3	Wet	3/10/2021 12:16:00 PM	3/18/2021 7:33:00 PM	Phosphorus as P	Total	=	0.14	mg/L	EPA 200.7	0.018	0.05	WKL	
MO-THO	2020/21-3	Wet	3/10/2021 12:16:00 PM	3/19/2021 4:26:00 PM	TKN	n/a	=	0.53	mg/L	EPA 351.2	0.065	0.1	WKL	
MO-THO	2020/21-3	Wet	3/10/2021 12:16:00 PM	4/2/2021 4:51:00 AM	1,2,4-Trichlorobenzene	n/a	<	2.4	µg/L	EPA 625.1	2.4	5	WKL	
MO-THO	2020/21-3	Wet	3/10/2021 12:16:00 PM	4/2/2021 4:51:00 AM	1,2-Dichlorobenzene	n/a	<	2.3	µg/L	EPA 625.1	2.3	5	WKL	
MO-THO	2020/21-3	Wet	3/10/2021 12:16:00 PM	4/2/2021 4:51:00 AM	1,2-Diphenylhydrazine	n/a	<	1.5	µg/L	EPA 625.1	1.5	5	WKL	
MO-THO	2020/21-3	Wet	3/10/2021 12:16:00 PM	4/2/2021 4:51:00 AM	1,3-Dichlorobenzene	n/a	<	2.1	µg/L	EPA 625.1	2.1	5	WKL	
MO-THO	2020/21-3	Wet	3/10/2021 12:16:00 PM	4/2/2021 4:51:00 AM	1,4-Dichlorobenzene	n/a	<	2.4	µg/L	EPA 625.1	2.4	5	WKL	
MO-THO	2020/21-3	Wet	3/10/2021 12:16:00 PM	3/27/2021 7:34:00 AM	1-Methylnaphthalene	n/a	<	0.12	µg/L	EPA 8270C	0.12	0.5	WKL	
MO-THO	2020/21-3	Wet	3/10/2021 12:16:00 PM	3/26/2021 5:47:00 AM	2,4,5-Trichlorophenol	n/a	<	1.4	µg/L	EPA 8270C	1.4	5	WKL	
MO-THO	2020/21-3	Wet	3/10/2021 12:16:00 PM	4/2/2021 4:51:00 AM	2,4,6-Trichlorophenol	n/a	<	1.1	µg/L	EPA 625.1	1.1	5	WKL	
MO-THO	2020/21-3	Wet	3/10/2021 12:16:00 PM	3/26/2021 5:47:00 AM	2,4,6-Trichlorophenol	n/a	<	1.5	µg/L	EPA 8270C	1.5	5	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-THO	2020/21-3	Wet	3/10/2021 12:16:00 PM	4/2/2021 4:51:00 AM	2,4-Dichlorophenol	n/a	<	1.3	µg/L	EPA 625.1	1.3	5	WKL	
MO-THO	2020/21-3	Wet	3/10/2021 12:16:00 PM	3/26/2021 5:47:00 AM	2,4-Dichlorophenol	n/a	<	2.6	µg/L	EPA 8270C	2.6	5	WKL	
MO-THO	2020/21-3	Wet	3/10/2021 12:16:00 PM	3/26/2021 5:47:00 AM	2,4-Dimethylphenol	n/a	<	5	µg/L	EPA 8270C	5	10	WKL	
MO-THO	2020/21-3	Wet	3/10/2021 12:16:00 PM	4/2/2021 4:51:00 AM	2,4-Dimethylphenol	n/a	<	1.5	µg/L	EPA 625.1	1.5	5	WKL	
MO-THO	2020/21-3	Wet	3/10/2021 12:16:00 PM	4/2/2021 4:51:00 AM	2,4-Dinitrophenol	n/a	<	9.4	µg/L	EPA 625.1	9.4	50	WKL	
MO-THO	2020/21-3	Wet	3/10/2021 12:16:00 PM	3/26/2021 5:47:00 AM	2,4-Dinitrophenol	n/a	<	5	µg/L	EPA 8270C	5	10	WKL	
MO-THO	2020/21-3	Wet	3/10/2021 12:16:00 PM	4/2/2021 4:51:00 AM	2,4-Dinitrotoluene	n/a	<	0.9	µg/L	EPA 625.1	0.9	5	WKL	
MO-THO	2020/21-3	Wet	3/10/2021 12:16:00 PM	4/2/2021 4:51:00 AM	2,6-Dinitrotoluene	n/a	<	1.4	µg/L	EPA 625.1	1.4	5	WKL	
MO-THO	2020/21-3	Wet	3/10/2021 12:16:00 PM	4/2/2021 4:51:00 AM	2-Chloronaphthalene	n/a	<	2.2	µg/L	EPA 625.1	2.2	5	WKL	
MO-THO	2020/21-3	Wet	3/10/2021 12:16:00 PM	4/2/2021 4:51:00 AM	2-Chlorophenol	n/a	<	1.4	µg/L	EPA 625.1	1.4	5	WKL	
MO-THO	2020/21-3	Wet	3/10/2021 12:16:00 PM	3/26/2021 5:47:00 AM	2-Chlorophenol	n/a	<	3.2	µg/L	EPA 8270C	3.2	5	WKL	
MO-THO	2020/21-3	Wet	3/10/2021 12:16:00 PM	3/27/2021 7:34:00 AM	2-Methylnaphthalene	n/a	<	0.13	µg/L	EPA 8270C	0.13	0.5	WKL	
MO-THO	2020/21-3	Wet	3/10/2021 12:16:00 PM	3/26/2021 5:47:00 AM	2-Methylphenol	n/a	<	1.7	µg/L	EPA 8270C	1.7	5	WKL	
MO-THO	2020/21-3	Wet	3/10/2021 12:16:00 PM	4/2/2021 4:51:00 AM	2-Nitrophenol	n/a	<	1.3	µg/L	EPA 625.1	1.3	5	WKL	
MO-THO	2020/21-3	Wet	3/10/2021 12:16:00 PM	3/26/2021 5:47:00 AM	2-Nitrophenol	n/a	<	3.6	µg/L	EPA 8270C	3.6	5	WKL	
MO-THO	2020/21-3	Wet	3/10/2021 12:16:00 PM	4/2/2021 4:51:00 AM	3,3'-Dichlorobenzidine	n/a	<	5	µg/L	EPA 625.1	5	25	WKL	
MO-THO	2020/21-3	Wet	3/10/2021 12:16:00 PM	3/26/2021 5:47:00 AM	3-4-Methylphenol	n/a	<	1.5	µg/L	EPA 8270C	1.5	5	WKL	
MO-THO	2020/21-3	Wet	3/10/2021 12:16:00 PM	4/2/2021 4:51:00 AM	4,6-Dinitro-2-methylphenol	n/a	<	7	µg/L	EPA 625.1	7	25	WKL	
MO-THO	2020/21-3	Wet	3/10/2021 12:16:00 PM	3/26/2021 5:47:00 AM	4,6-Dinitro-2-methylphenol	n/a	<	0.7	µg/L	EPA 8270C	0.7	5	WKL	
MO-THO	2020/21-3	Wet	3/10/2021 12:16:00 PM	4/2/2021 4:51:00 AM	4-Bromophenyl phenyl ether	n/a	<	1.8	µg/L	EPA 625.1	1.8	5	WKL	
MO-THO	2020/21-3	Wet	3/10/2021 12:16:00 PM	4/2/2021 4:51:00 AM	4-Chloro-3-methylphenol	n/a	<	1.2	µg/L	EPA 625.1	1.2	5	WKL	
MO-THO	2020/21-3	Wet	3/10/2021 12:16:00 PM	3/26/2021 5:47:00 AM	4-Chloro-3-methylphenol	n/a	<	1.8	µg/L	EPA 8270C	1.8	5	WKL	
MO-THO	2020/21-3	Wet	3/10/2021 12:16:00 PM	4/2/2021 4:51:00 AM	4-Chlorophenyl phenyl ether	n/a	<	2	µg/L	EPA 625.1	2	5	WKL	
MO-THO	2020/21-3	Wet	3/10/2021 12:16:00 PM	4/2/2021 4:51:00 AM	4-Nitrophenol	n/a	<	6.2	µg/L	EPA 625.1	6.2	25	WKL	
MO-THO	2020/21-3	Wet	3/10/2021 12:16:00 PM	3/26/2021 5:47:00 AM	4-Nitrophenol	n/a	<	5	µg/L	EPA 8270C	5	10	WKL	
MO-THO	2020/21-3	Wet	3/10/2021 12:16:00 PM	4/2/2021 4:51:00 AM	Acenaphthene	n/a	<	1.9	µg/L	EPA 625.1	1.9	5	WKL	
MO-THO	2020/21-3	Wet	3/10/2021 12:16:00 PM	3/27/2021 7:34:00 AM	Acenaphthene	n/a	<	0.14	µg/L	EPA 8270C	0.14	0.5	WKL	
MO-THO	2020/21-3	Wet	3/10/2021 12:16:00 PM	4/2/2021 4:51:00 AM	Acenaphthylene	n/a	<	0.85	µg/L	EPA 625.1	0.85	5	WKL	
MO-THO	2020/21-3	Wet	3/10/2021 12:16:00 PM	3/27/2021 7:34:00 AM	Acenaphthylene	n/a	<	0.16	µg/L	EPA 8270C	0.16	0.5	WKL	
MO-THO	2020/21-3	Wet	3/10/2021 12:16:00 PM	4/2/2021 4:51:00 AM	Anthracene	n/a	<	0.6	µg/L	EPA 625.1	0.6	5	WKL	
MO-THO	2020/21-3	Wet	3/10/2021 12:16:00 PM	3/27/2021 7:34:00 AM	Anthracene	n/a	<	0.12	µg/L	EPA 8270C	0.12	0.5	WKL	
MO-THO	2020/21-3	Wet	3/10/2021 12:16:00 PM	3/27/2021 7:34:00 AM	Benz(a)anthracene	n/a	<	0.26	µg/L	EPA 8270C	0.26	0.5	WKL	
MO-THO	2020/21-3	Wet	3/10/2021 12:16:00 PM	4/2/2021 4:51:00 AM	Benz(a)anthracene	n/a	<	0.95	µg/L	EPA 625.1	0.95	5	WKL	
MO-THO	2020/21-3	Wet	3/10/2021 12:16:00 PM	4/2/2021 4:51:00 AM	Benzidine	n/a	<	7.2	µg/L	EPA 625.1	7.2	50	WKL	
MO-THO	2020/21-3	Wet	3/10/2021 12:16:00 PM	4/2/2021 4:51:00 AM	Benzo(a)pyrene	n/a	<	2	µg/L	EPA 625.1	2	5	WKL	
MO-THO	2020/21-3	Wet	3/10/2021 12:16:00 PM	3/27/2021 7:34:00 AM	Benzo(a)pyrene	n/a	<	0.26	µg/L	EPA 8270C	0.26	0.5	WKL	
MO-THO	2020/21-3	Wet	3/10/2021 12:16:00 PM	3/17/2021 8:10:00 AM	Benzo(a)pyrene	n/a	=	0.2	µg/L	EPA 525.2	0.04	0.2	WKL	
MO-THO	2020/21-3	Wet	3/10/2021 12:16:00 PM	4/2/2021 4:51:00 AM	Benzo(b)fluoranthene	n/a	<	2.3	µg/L	EPA 625.1	2.3	5	WKL	
MO-THO	2020/21-3	Wet	3/10/2021 12:16:00 PM	3/27/2021 7:34:00 AM	Benzo(b)fluoranthene	n/a	<	0.14	µg/L	EPA 8270C	0.14	0.5	WKL	
MO-THO	2020/21-3	Wet	3/10/2021 12:16:00 PM	4/2/2021 4:51:00 AM	Benzo(g,h,i)perylene	n/a	<	2.1	µg/L	EPA 625.1	2.1	10	WKL	
MO-THO	2020/21-3	Wet	3/10/2021 12:16:00 PM	3/27/2021 7:34:00 AM	Benzo(g,h,i)perylene	n/a	<	0.25	µg/L	EPA 8270C	0.25	0.5	WKL	
MO-THO	2020/21-3	Wet	3/10/2021 12:16:00 PM	4/2/2021 4:51:00 AM	Benzo(k)fluoranthene	n/a	<	1.1	µg/L	EPA 625.1	1.1	5	WKL	
MO-THO	2020/21-3	Wet	3/10/2021 12:16:00 PM	3/27/2021 7:34:00 AM	Benzo(k)fluoranthene	n/a	<	0.13	µg/L	EPA 8270C	0.13	0.5	WKL	
MO-THO	2020/21-3	Wet	3/10/2021 12:16:00 PM	4/2/2021 4:51:00 AM	Bis(2-chloroethoxy)methane	n/a	<	1.2	µg/L	EPA 625.1	1.2	5	WKL	
MO-THO	2020/21-3	Wet	3/10/2021 12:16:00 PM	4/2/2021 4:51:00 AM	Bis(2-chloroethyl)ether	n/a	<	1.4	µg/L	EPA 625.1	1.4	5	WKL	
MO-THO	2020/21-3	Wet	3/10/2021 12:16:00 PM	4/2/2021 4:51:00 AM	Bis(2-chloroisopropyl)ether	n/a	<	1.9	µg/L	EPA 625.1	1.9	5	WKL	
MO-THO	2020/21-3	Wet	3/10/2021 12:16:00 PM	3/17/2021 8:10:00 AM	Bis(2-ethylhexyl)adipate	n/a	DNQ	0.97	µg/L	EPA 525.2	0.24	10	WKL	HB-LCSR
MO-THO	2020/21-3	Wet	3/10/2021 12:16:00 PM	4/2/2021 4:51:00 AM	Bis(2-ethylhexyl)phthalate	n/a	<	12	µg/L	EPA 625.1	12	25	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-THO	2020/21-3	Wet	3/10/2021 12:16:00 PM	3/17/2021 8:10:00 AM	Bis(2-ethylhexyl)phthalate	n/a	DNQ	0.9	µg/L	EPA 525.2	0.82	6	WKL	UL-MB
MO-THO	2020/21-3	Wet	3/10/2021 12:16:00 PM	4/2/2021 4:51:00 AM	Butyl benzyl phthalate	n/a	<	0.9	µg/L	EPA 625.1	0.9	5	WKL	
MO-THO	2020/21-3	Wet	3/10/2021 12:16:00 PM	4/2/2021 4:51:00 AM	Chrysene	n/a	<	0.95	µg/L	EPA 625.1	0.95	5	WKL	
MO-THO	2020/21-3	Wet	3/10/2021 12:16:00 PM	3/27/2021 7:34:00 AM	Chrysene	n/a	<	0.16	µg/L	EPA 8270C	0.16	0.5	WKL	
MO-THO	2020/21-3	Wet	3/10/2021 12:16:00 PM	4/2/2021 4:51:00 AM	Dibenz(a,h)anthracene	n/a	<	2.6	µg/L	EPA 625.1	2.6	10	WKL	
MO-THO	2020/21-3	Wet	3/10/2021 12:16:00 PM	3/27/2021 7:34:00 AM	Dibenz(a,h)anthracene	n/a	<	0.48	µg/L	EPA 8270C	0.48	0.5	WKL	
MO-THO	2020/21-3	Wet	3/10/2021 12:16:00 PM	4/2/2021 4:51:00 AM	Diethyl phthalate	n/a	<	0.75	µg/L	EPA 625.1	0.75	5	WKL	
MO-THO	2020/21-3	Wet	3/10/2021 12:16:00 PM	4/2/2021 4:51:00 AM	Dimethyl phthalate	n/a	DNQ	3.1	µg/L	EPA 625.1	0.9	5	WKL	
MO-THO	2020/21-3	Wet	3/10/2021 12:16:00 PM	4/2/2021 4:51:00 AM	Di-n-butylphthalate	n/a	<	0.5	µg/L	EPA 625.1	0.5	5	WKL	
MO-THO	2020/21-3	Wet	3/10/2021 12:16:00 PM	4/2/2021 4:51:00 AM	Di-n-octylphthalate	n/a	<	2.3	µg/L	EPA 625.1	2.3	5	WKL	
MO-THO	2020/21-3	Wet	3/10/2021 12:16:00 PM	4/2/2021 4:51:00 AM	Fluoranthene	n/a	<	0.4	µg/L	EPA 625.1	0.4	5	WKL	
MO-THO	2020/21-3	Wet	3/10/2021 12:16:00 PM	3/27/2021 7:34:00 AM	Fluoranthene	n/a	<	0.2	µg/L	EPA 8270C	0.2	0.5	WKL	
MO-THO	2020/21-3	Wet	3/10/2021 12:16:00 PM	4/2/2021 4:51:00 AM	Fluorene	n/a	<	1.8	µg/L	EPA 625.1	1.8	5	WKL	
MO-THO	2020/21-3	Wet	3/10/2021 12:16:00 PM	3/27/2021 7:34:00 AM	Fluorene	n/a	<	0.14	µg/L	EPA 8270C	0.14	0.5	WKL	
MO-THO	2020/21-3	Wet	3/10/2021 12:16:00 PM	4/2/2021 4:51:00 AM	Hexachlorobenzene	n/a	<	2.4	µg/L	EPA 625.1	2.4	5	WKL	
MO-THO	2020/21-3	Wet	3/10/2021 12:16:00 PM	4/2/2021 4:51:00 AM	Hexachlorobutadiene	n/a	<	2.4	µg/L	EPA 625.1	2.4	5	WKL	
MO-THO	2020/21-3	Wet	3/10/2021 12:16:00 PM	4/2/2021 4:51:00 AM	Hexachlorocyclopentadiene	n/a	<	4.9	µg/L	EPA 625.1	4.9	25	WKL	
MO-THO	2020/21-3	Wet	3/10/2021 12:16:00 PM	4/2/2021 4:51:00 AM	Hexachloroethane	n/a	<	2.5	µg/L	EPA 625.1	2.5	5	WKL	
MO-THO	2020/21-3	Wet	3/10/2021 12:16:00 PM	4/2/2021 4:51:00 AM	Indeno(1,2,3-cd)pyrene	n/a	<	2.8	µg/L	EPA 625.1	2.8	10	WKL	
MO-THO	2020/21-3	Wet	3/10/2021 12:16:00 PM	3/27/2021 7:34:00 AM	Indeno(1,2,3-cd)pyrene	n/a	<	0.32	µg/L	EPA 8270C	0.32	0.5	WKL	
MO-THO	2020/21-3	Wet	3/10/2021 12:16:00 PM	4/2/2021 4:51:00 AM	Isophorone	n/a	<	1	µg/L	EPA 625.1	1	5	WKL	
MO-THO	2020/21-3	Wet	3/10/2021 12:16:00 PM	4/2/2021 4:51:00 AM	Naphthalene	n/a	<	2.4	µg/L	EPA 625.1	2.4	5	WKL	
MO-THO	2020/21-3	Wet	3/10/2021 12:16:00 PM	3/27/2021 7:34:00 AM	Naphthalene	n/a	<	0.13	µg/L	EPA 8270C	0.13	0.5	WKL	
MO-THO	2020/21-3	Wet	3/10/2021 12:16:00 PM	4/2/2021 4:51:00 AM	Nitrobenzene	n/a	<	1.8	µg/L	EPA 625.1	1.8	5	WKL	
MO-THO	2020/21-3	Wet	3/10/2021 12:16:00 PM	4/2/2021 4:51:00 AM	N-Nitrosodimethylamine	n/a	<	2.5	µg/L	EPA 625.1	2.5	5	WKL	
MO-THO	2020/21-3	Wet	3/10/2021 12:16:00 PM	4/2/2021 4:51:00 AM	N-Nitrosodi-N-propylamine	n/a	<	1.3	µg/L	EPA 625.1	1.3	5	WKL	
MO-THO	2020/21-3	Wet	3/10/2021 12:16:00 PM	4/2/2021 4:51:00 AM	N-Nitrosodiphenylamine	n/a	<	0.95	µg/L	EPA 625.1	0.95	5	WKL	
MO-THO	2020/21-3	Wet	3/10/2021 12:16:00 PM	4/2/2021 4:51:00 AM	Phenanthrene	n/a	<	1.6	µg/L	EPA 625.1	1.6	5	WKL	
MO-THO	2020/21-3	Wet	3/10/2021 12:16:00 PM	3/27/2021 7:34:00 AM	Phenanthrene	n/a	<	0.14	µg/L	EPA 8270C	0.14	0.5	WKL	
MO-THO	2020/21-3	Wet	3/10/2021 12:16:00 PM	4/2/2021 4:51:00 AM	Phenol	n/a	<	0.8	µg/L	EPA 625.1	0.8	5	WKL	
MO-THO	2020/21-3	Wet	3/10/2021 12:16:00 PM	3/26/2021 5:47:00 AM	Phenol	n/a	<	1.8	µg/L	EPA 8270C	1.8	5	WKL	
MO-THO	2020/21-3	Wet	3/10/2021 12:16:00 PM	4/2/2021 4:51:00 AM	Pyrene	n/a	<	1.2	µg/L	EPA 625.1	1.2	5	WKL	
MO-THO	2020/21-3	Wet	3/10/2021 12:16:00 PM	3/27/2021 7:34:00 AM	Pyrene	n/a	<	0.2	µg/L	EPA 8270C	0.2	0.5	WKL	
MO-THO	2020/21-3	Wet	3/10/2021 12:16:00 PM	4/3/2021 3:25:00 AM	PCB Aroclor 1016	n/a	<	0.72	µg/L	EPA 608.3	0.72	12	WKL	
MO-THO	2020/21-3	Wet	3/10/2021 12:16:00 PM	4/3/2021 3:25:00 AM	PCB Aroclor 1221	n/a	<	1.5	µg/L	EPA 608.3	1.5	12	WKL	
MO-THO	2020/21-3	Wet	3/10/2021 12:16:00 PM	4/3/2021 3:25:00 AM	PCB Aroclor 1232	n/a	<	2.5	µg/L	EPA 608.3	2.5	12	WKL	
MO-THO	2020/21-3	Wet	3/10/2021 12:16:00 PM	4/3/2021 3:25:00 AM	PCB Aroclor 1242	n/a	<	1.8	µg/L	EPA 608.3	1.8	12	WKL	
MO-THO	2020/21-3	Wet	3/10/2021 12:16:00 PM	4/3/2021 3:25:00 AM	PCB Aroclor 1248	n/a	<	1.5	µg/L	EPA 608.3	1.5	12	WKL	
MO-THO	2020/21-3	Wet	3/10/2021 12:16:00 PM	4/3/2021 3:25:00 AM	PCB Aroclor 1254	n/a	<	1	µg/L	EPA 608.3	1	12	WKL	
MO-THO	2020/21-3	Wet	3/10/2021 12:16:00 PM	4/3/2021 3:25:00 AM	PCB Aroclor 1260	n/a	<	1.4	µg/L	EPA 608.3	1.4	12	WKL	
MO-THO	2020/21-3	Wet	3/10/2021 12:16:00 PM	3/27/2021 11:06:00 PM	2,4,5-T	n/a	<	0.28	µg/L	EPA 515.4	0.28	1	WKL	
MO-THO	2020/21-3	Wet	3/10/2021 12:16:00 PM	3/27/2021 11:06:00 PM	2,4,5-TP	n/a	<	0.23	µg/L	EPA 515.4	0.23	1	WKL	
MO-THO	2020/21-3	Wet	3/10/2021 12:16:00 PM	3/27/2021 11:06:00 PM	2,4-D	n/a	<	0.7	µg/L	EPA 515.4	0.7	2	WKL	
MO-THO	2020/21-3	Wet	3/10/2021 12:16:00 PM	3/27/2021 11:06:00 PM	2,4-DB	n/a	<	0.95	µg/L	EPA 515.4	0.95	10	WKL	
MO-THO	2020/21-3	Wet	3/10/2021 12:16:00 PM	3/27/2021 11:06:00 PM	3,5-Dichlorobenzoic acid	n/a	<	0.6	µg/L	EPA 515.4	0.6	5	WKL	
MO-THO	2020/21-3	Wet	3/10/2021 12:16:00 PM	4/3/2021 3:25:00 AM	4,4'-DDD	n/a	<	0.018	µg/L	EPA 608.3	0.018	1.2	WKL	
MO-THO	2020/21-3	Wet	3/10/2021 12:16:00 PM	4/3/2021 3:25:00 AM	4,4'-DDE	n/a	<	0.018	µg/L	EPA 608.3	0.018	1.2	WKL	
MO-THO	2020/21-3	Wet	3/10/2021 12:16:00 PM	4/3/2021 3:25:00 AM	4,4'-DDT	n/a	<	0.028	µg/L	EPA 608.3	0.028	0.25	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-THO	2020/21-3	Wet	3/10/2021 12:16:00 PM	3/27/2021 11:06:00 PM	Acifluorfen	n/a	<	0.36	µg/L	EPA 515.4	0.36	2	WKL	
MO-THO	2020/21-3	Wet	3/10/2021 12:16:00 PM	3/17/2021 8:10:00 AM	Alachlor	n/a	<	0.06	µg/L	EPA 525.2	0.06	0.2	WKL	
MO-THO	2020/21-3	Wet	3/10/2021 12:16:00 PM	4/3/2021 3:25:00 AM	Aldrin	n/a	<	0.025	µg/L	EPA 608.3	0.025	0.12	WKL	
MO-THO	2020/21-3	Wet	3/10/2021 12:16:00 PM	4/3/2021 3:25:00 AM	alpha-BHC	n/a	<	0.028	µg/L	EPA 608.3	0.028	0.25	WKL	
MO-THO	2020/21-3	Wet	3/10/2021 12:16:00 PM	4/3/2021 3:25:00 AM	alpha-Chlordane	n/a	<	0.072	µg/L	EPA 608.3	0.072	0.25	WKL	
MO-THO	2020/21-3	Wet	3/10/2021 12:16:00 PM	3/17/2021 8:10:00 AM	Atrazine	n/a	DNQ	0.089	µg/L	EPA 525.2	0.06	0.2	WKL	
MO-THO	2020/21-3	Wet	3/10/2021 12:16:00 PM	3/20/2021 2:40:00 AM	Azinphos methyl	n/a	<	0.011	µg/L	EPA 625.1m	0.011	0.02	WKL	
MO-THO	2020/21-3	Wet	3/10/2021 12:16:00 PM	3/27/2021 11:06:00 PM	Bentazon	n/a	<	1.2	µg/L	EPA 515.4	1.2	10	WKL	
MO-THO	2020/21-3	Wet	3/10/2021 12:16:00 PM	4/3/2021 3:25:00 AM	beta-BHC	n/a	<	0.038	µg/L	EPA 608.3	0.038	0.12	WKL	
MO-THO	2020/21-3	Wet	3/10/2021 12:16:00 PM	3/20/2021 2:40:00 AM	Bolstar	n/a	<	0.0092	µg/L	EPA 625.1m	0.0092	0.02	WKL	
MO-THO	2020/21-3	Wet	3/10/2021 12:16:00 PM	3/17/2021 8:10:00 AM	Bromacil	n/a	DNQ	0.72	µg/L	EPA 525.2	0.32	1	WKL	
MO-THO	2020/21-3	Wet	3/10/2021 12:16:00 PM	3/17/2021 8:10:00 AM	Butachlor	n/a	<	0.06	µg/L	EPA 525.2	0.06	0.2	WKL	
MO-THO	2020/21-3	Wet	3/10/2021 12:16:00 PM	3/17/2021 8:10:00 AM	Captan	n/a	<	0.32	µg/L	EPA 525.2	0.32	2	WKL	
MO-THO	2020/21-3	Wet	3/10/2021 12:16:00 PM	4/3/2021 3:25:00 AM	Chlordane (technical)	n/a	<	1.1	µg/L	EPA 608.3	1.1	2.5	WKL	
MO-THO	2020/21-3	Wet	3/10/2021 12:16:00 PM	3/17/2021 8:10:00 AM	Chlorpropham	n/a	<	0.08	µg/L	EPA 525.2	0.08	0.2	WKL	
MO-THO	2020/21-3	Wet	3/10/2021 12:16:00 PM	3/20/2021 2:40:00 AM	Chlorpyrifos	n/a	<	0.014	µg/L	EPA 625.1m	0.014	0.02	WKL	
MO-THO	2020/21-3	Wet	3/10/2021 12:16:00 PM	3/20/2021 2:40:00 AM	Coumaphos	n/a	<	0.01	µg/L	EPA 625.1m	0.01	0.02	WKL	
MO-THO	2020/21-3	Wet	3/10/2021 12:16:00 PM	3/17/2021 8:10:00 AM	Cyanazine	n/a	<	0.08	µg/L	EPA 525.2	0.08	0.2	WKL	
MO-THO	2020/21-3	Wet	3/10/2021 12:16:00 PM	3/27/2021 11:06:00 PM	Dalapon	n/a	<	0.55	µg/L	EPA 515.4	0.55	2	WKL	
MO-THO	2020/21-3	Wet	3/10/2021 12:16:00 PM	3/27/2021 11:06:00 PM	DCPA (Dacthal)	n/a	<	0.26	µg/L	EPA 515.4	0.26	0.5	WKL	
MO-THO	2020/21-3	Wet	3/10/2021 12:16:00 PM	4/3/2021 3:25:00 AM	delta-BHC	n/a	<	0.048	µg/L	EPA 608.3	0.048	0.12	WKL	
MO-THO	2020/21-3	Wet	3/10/2021 12:16:00 PM	3/20/2021 2:40:00 AM	Demeton-O	n/a	<	0.02	µg/L	EPA 625.1m	0.02	0.02	WKL	
MO-THO	2020/21-3	Wet	3/10/2021 12:16:00 PM	3/20/2021 2:40:00 AM	Demeton-S	n/a	<	0.02	µg/L	EPA 625.1m	0.02	0.02	WKL	
MO-THO	2020/21-3	Wet	3/10/2021 12:16:00 PM	3/17/2021 8:10:00 AM	Diazinon	n/a	<	0.1	µg/L	EPA 525.2	0.1	0.2	WKL	
MO-THO	2020/21-3	Wet	3/10/2021 12:16:00 PM	3/20/2021 2:40:00 AM	Diazinon	n/a	<	0.01	µg/L	EPA 625.1m	0.01	0.02	WKL	
MO-THO	2020/21-3	Wet	3/10/2021 12:16:00 PM	3/27/2021 11:06:00 PM	Dicamba	n/a	<	0.38	µg/L	EPA 515.4	0.38	3	WKL	
MO-THO	2020/21-3	Wet	3/10/2021 12:16:00 PM	3/27/2021 11:06:00 PM	Dichlorprop	n/a	<	0.6	µg/L	EPA 515.4	0.6	1.5	WKL	
MO-THO	2020/21-3	Wet	3/10/2021 12:16:00 PM	3/20/2021 2:40:00 AM	Dichlorvos	n/a	<	0.0058	µg/L	EPA 625.1m	0.0058	0.02	WKL	
MO-THO	2020/21-3	Wet	3/10/2021 12:16:00 PM	4/3/2021 3:25:00 AM	Dieldrin	n/a	<	0.02	µg/L	EPA 608.3	0.02	0.25	WKL	
MO-THO	2020/21-3	Wet	3/10/2021 12:16:00 PM	3/17/2021 8:10:00 AM	Dimethoate	n/a	<	0.04	µg/L	EPA 525.2	0.04	0.4	WKL	
MO-THO	2020/21-3	Wet	3/10/2021 12:16:00 PM	3/20/2021 2:40:00 AM	Dimethoate	n/a	<	0.012	µg/L	EPA 625.1m	0.012	0.02	WKL	
MO-THO	2020/21-3	Wet	3/10/2021 12:16:00 PM	3/27/2021 11:06:00 PM	Dinoseb	n/a	<	0.28	µg/L	EPA 515.4	0.28	2	WKL	
MO-THO	2020/21-3	Wet	3/10/2021 12:16:00 PM	3/17/2021 8:10:00 AM	Diphenamid	n/a	<	0.06	µg/L	EPA 525.2	0.06	0.2	WKL	
MO-THO	2020/21-3	Wet	3/10/2021 12:16:00 PM	3/17/2021 8:10:00 AM	Disulfoton	n/a	<	0.08	µg/L	EPA 525.2	0.08	0.2	WKL	
MO-THO	2020/21-3	Wet	3/10/2021 12:16:00 PM	3/20/2021 2:40:00 AM	Disulfoton	n/a	<	0.02	µg/L	EPA 625.1m	0.02	0.02	WKL	
MO-THO	2020/21-3	Wet	3/10/2021 12:16:00 PM	4/3/2021 3:25:00 AM	Endosulfan I	n/a	<	0.022	µg/L	EPA 608.3	0.022	0.5	WKL	
MO-THO	2020/21-3	Wet	3/10/2021 12:16:00 PM	4/3/2021 3:25:00 AM	Endosulfan II	n/a	<	0.018	µg/L	EPA 608.3	0.018	0.25	WKL	
MO-THO	2020/21-3	Wet	3/10/2021 12:16:00 PM	4/3/2021 3:25:00 AM	Endosulfan sulfate	n/a	<	0.032	µg/L	EPA 608.3	0.032	1.2	WKL	
MO-THO	2020/21-3	Wet	3/10/2021 12:16:00 PM	4/3/2021 3:25:00 AM	Endrin	n/a	<	0.042	µg/L	EPA 608.3	0.042	0.25	WKL	
MO-THO	2020/21-3	Wet	3/10/2021 12:16:00 PM	4/3/2021 3:25:00 AM	Endrin aldehyde	n/a	<	0.048	µg/L	EPA 608.3	0.048	0.25	WKL	
MO-THO	2020/21-3	Wet	3/10/2021 12:16:00 PM	3/17/2021 8:10:00 AM	EPTC	n/a	<	0.04	µg/L	EPA 525.2	0.04	0.2	WKL	
MO-THO	2020/21-3	Wet	3/10/2021 12:16:00 PM	3/20/2021 2:40:00 AM	Ethoprop	n/a	<	0.013	µg/L	EPA 625.1m	0.013	0.02	WKL	
MO-THO	2020/21-3	Wet	3/10/2021 12:16:00 PM	3/20/2021 2:40:00 AM	Ethyl parathion	n/a	<	0.011	µg/L	EPA 625.1m	0.011	0.02	WKL	
MO-THO	2020/21-3	Wet	3/10/2021 12:16:00 PM	3/20/2021 2:40:00 AM	Fensulfotion	n/a	<	0.0058	µg/L	EPA 625.1m	0.0058	0.02	WKL	
MO-THO	2020/21-3	Wet	3/10/2021 12:16:00 PM	3/20/2021 2:40:00 AM	Fenthion	n/a	<	0.0076	µg/L	EPA 625.1m	0.0076	0.02	WKL	
MO-THO	2020/21-3	Wet	3/10/2021 12:16:00 PM	4/3/2021 3:25:00 AM	gamma-BHC (Lindane)	n/a	<	0.01	µg/L	EPA 608.3	0.01	0.5	WKL	
MO-THO	2020/21-3	Wet	3/10/2021 12:16:00 PM	4/3/2021 3:25:00 AM	gamma-Chlordane	n/a	<	0.058	µg/L	EPA 608.3	0.058	0.25	WKL	
MO-THO	2020/21-3	Wet	3/10/2021 12:16:00 PM	3/18/2021 4:52:00 AM	Glyphosate	n/a	<	1.8	µg/L	EPA 547	1.8	5	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-THO	2020/21-3	Wet	3/10/2021 12:16:00 PM	4/3/2021 3:25:00 AM	Heptachlor	n/a	<	0.015	µg/L	EPA 608.3	0.015	0.25	WKL	
MO-THO	2020/21-3	Wet	3/10/2021 12:16:00 PM	4/3/2021 3:25:00 AM	Heptachlor epoxide	n/a	<	0.01	µg/L	EPA 608.3	0.01	0.25	WKL	
MO-THO	2020/21-3	Wet	3/10/2021 12:16:00 PM	3/20/2021 2:40:00 AM	Malathion	n/a	<	0.015	µg/L	EPA 625.1m	0.015	0.02	WKL	
MO-THO	2020/21-3	Wet	3/10/2021 12:16:00 PM	3/20/2021 2:40:00 AM	Merphos	n/a	<	0.012	µg/L	EPA 625.1m	0.012	0.02	WKL	
MO-THO	2020/21-3	Wet	3/10/2021 12:16:00 PM	3/20/2021 2:40:00 AM	Methyl parathion	n/a	<	0.013	µg/L	EPA 625.1m	0.013	0.02	WKL	
MO-THO	2020/21-3	Wet	3/10/2021 12:16:00 PM	3/17/2021 8:10:00 AM	Metolachlor	n/a	<	0.06	µg/L	EPA 525.2	0.06	0.2	WKL	
MO-THO	2020/21-3	Wet	3/10/2021 12:16:00 PM	3/17/2021 8:10:00 AM	Metribuzin	n/a	<	0.06	µg/L	EPA 525.2	0.06	0.2	WKL	
MO-THO	2020/21-3	Wet	3/10/2021 12:16:00 PM	3/20/2021 2:40:00 AM	Mevinphos	n/a	<	0.0084	µg/L	EPA 625.1m	0.0084	0.02	WKL	
MO-THO	2020/21-3	Wet	3/10/2021 12:16:00 PM	3/17/2021 8:10:00 AM	Molinate	n/a	<	0.06	µg/L	EPA 525.2	0.06	0.2	WKL	
MO-THO	2020/21-3	Wet	3/10/2021 12:16:00 PM	3/20/2021 2:40:00 AM	Naled	n/a	<	0.015	µg/L	EPA 625.1m	0.015	0.02	WKL	
MO-THO	2020/21-3	Wet	3/10/2021 12:16:00 PM	3/27/2021 11:06:00 PM	Pentachlorophenol	n/a	<	0.23	µg/L	EPA 515.4	0.23	1	WKL	
MO-THO	2020/21-3	Wet	3/10/2021 12:16:00 PM	4/2/2021 4:51:00 AM	Pentachlorophenol	n/a	<	2	µg/L	EPA 625.1	2	5	WKL	
MO-THO	2020/21-3	Wet	3/10/2021 12:16:00 PM	3/26/2021 5:47:00 AM	Pentachlorophenol	n/a	<	0.75	µg/L	EPA 8270C	0.75	5	WKL	
MO-THO	2020/21-3	Wet	3/10/2021 12:16:00 PM	3/20/2021 2:40:00 AM	Phorate	n/a	<	0.006	µg/L	EPA 625.1m	0.006	0.02	WKL	
MO-THO	2020/21-3	Wet	3/10/2021 12:16:00 PM	3/27/2021 11:06:00 PM	Picloram	n/a	<	0.19	µg/L	EPA 515.4	0.19	3	WKL	
MO-THO	2020/21-3	Wet	3/10/2021 12:16:00 PM	3/17/2021 8:10:00 AM	Prometon	n/a	<	0.02	µg/L	EPA 525.2	0.02	0.2	WKL	
MO-THO	2020/21-3	Wet	3/10/2021 12:16:00 PM	3/17/2021 8:10:00 AM	Prometryn	n/a	<	0.06	µg/L	EPA 525.2	0.06	0.2	WKL	
MO-THO	2020/21-3	Wet	3/10/2021 12:16:00 PM	3/20/2021 2:40:00 AM	Ronnel (Fenchlorphos)	n/a	<	0.0082	µg/L	EPA 625.1m	0.0082	0.02	WKL	
MO-THO	2020/21-3	Wet	3/10/2021 12:16:00 PM	3/17/2021 8:10:00 AM	Simazine	n/a	<	0.04	µg/L	EPA 525.2	0.04	0.2	WKL	
MO-THO	2020/21-3	Wet	3/10/2021 12:16:00 PM	3/20/2021 2:40:00 AM	Stirophos (Tetrachlorvinphos)	n/a	<	0.0062	µg/L	EPA 625.1m	0.0062	0.02	WKL	
MO-THO	2020/21-3	Wet	3/10/2021 12:16:00 PM	3/17/2021 8:10:00 AM	Terbacil	n/a	<	0.18	µg/L	EPA 525.2	0.18	4	WKL	
MO-THO	2020/21-3	Wet	3/10/2021 12:16:00 PM	3/17/2021 8:10:00 AM	Thiobencarb	n/a	<	0.06	µg/L	EPA 525.2	0.06	0.2	WKL	
MO-THO	2020/21-3	Wet	3/10/2021 12:16:00 PM	3/20/2021 2:40:00 AM	Tokuthion	n/a	<	0.016	µg/L	EPA 625.1m	0.016	0.02	WKL	
MO-THO	2020/21-3	Wet	3/10/2021 12:16:00 PM	4/3/2021 3:25:00 AM	Toxaphene	n/a	<	6.2	µg/L	EPA 608.3	6.2	12	WKL	
MO-THO	2020/21-3	Wet	3/10/2021 12:16:00 PM	3/20/2021 2:40:00 AM	Trichloronate	n/a	<	0.013	µg/L	EPA 625.1m	0.013	0.02	WKL	
MO-THO	2020/21-3	Wet	3/10/2021 12:16:00 PM	3/17/2021 8:10:00 AM	Trithion	n/a	<	0.04	µg/L	EPA 525.2	0.04	0.2	WKL	
MO-THO	2020/21-4	Dry	4/29/2021 9:15:00 AM	4/30/2021 4:33:00 PM	Chloride	n/a	=	230	mg/L	EPA 300.0	0.17	1	WKL	
MO-THO	2020/21-4	Dry	4/29/2021 9:15:00 AM	4/30/2021 4:33:00 PM	Fluoride	n/a	=	0.39	mg/L	EPA 300.0	0.018	0.2	WKL	
MO-THO	2020/21-4	Dry	4/29/2021 9:15:00 AM	4/30/2021 11:06:00 PM	Perchlorate	n/a	<	1.7	µg/L	EPA 314.0	1.7	4	WKL	
MO-THO	2020/21-4	Dry	4/29/2021 9:15:00 AM	4/30/2021 9:27:00 AM	E. Coli	n/a	=	110	MPN/100 mL	SM 9223 B	-88	10	WKL	
MO-THO	2020/21-4	Dry	4/29/2021 9:15:00 AM	4/30/2021 9:27:00 AM	Total Coliform	n/a	=	3100	MPN/100 mL	SM 9223 B	-88	10	WKL	
MO-THO	2020/21-4	Dry	4/29/2021 9:15:00 AM	5/4/2021 6:26:00 PM	Calcium	Total	=	91.8	mg/L	EPA 200.7	0.16	0.5	WKL	
MO-THO	2020/21-4	Dry	4/29/2021 9:15:00 AM	5/4/2021 6:26:00 PM	Magnesium	Total	=	86.3	mg/L	EPA 200.7	0.039	0.5	WKL	
MO-THO	2020/21-4	Dry	4/29/2021 9:15:00 AM	5/4/2021 9:15:00 AM	Alkalinity as CaCO3	n/a	=	310	mg/L	SM 2320 B	0.56	5	WKL	
MO-THO	2020/21-4	Dry	4/29/2021 9:15:00 AM	5/5/2021 2:57:00 PM	BOD	n/a	<	2	mg/L	SM 5210 B	2	2	WKL	
MO-THO	2020/21-4	Dry	4/29/2021 9:15:00 AM	5/10/2021 11:11:00 AM	COD	n/a	=	14	mg/L	EPA 410.4	2.9	5	WKL	
MO-THO	2020/21-4	Dry	4/29/2021 9:15:00 AM	4/29/2021 9:15:00 AM	Conductivity	n/a	=	1009	µmhos/cm	Field Meter	-88	1	Field Crew	
MO-THO	2020/21-4	Dry	4/29/2021 9:15:00 AM	5/4/2021 2:56:00 PM	Cyanide	Total	=	0.0038	mg/L	ASTM D7511	0.0003	0.002	WKL	
MO-THO	2020/21-4	Dry	4/29/2021 9:15:00 AM	4/29/2021 9:15:00 AM	DO	n/a	=	72.2	%	Field Meter	-88	0.1	Field Crew	
MO-THO	2020/21-4	Dry	4/29/2021 9:15:00 AM	4/29/2021 9:15:00 AM	DO	n/a	=	7.3	mg/L	Field Meter	-88	0.3	Field Crew	
MO-THO	2020/21-4	Dry	4/29/2021 9:15:00 AM	5/4/2021 6:26:00 PM	Hardness as CaCO3	Total	=	585	mg/L	EPA 200.7	0.56	3.31	WKL	
MO-THO	2020/21-4	Dry	4/29/2021 9:15:00 AM	4/30/2021 6:28:00 PM	MBAS	n/a	DNQ	0.042	mg/L	SM 5540 C	0.017	0.05	WKL	
MO-THO	2020/21-4	Dry	4/29/2021 9:15:00 AM	4/29/2021 9:15:00 AM	pH	n/a	=	8.11	pH Units	Field Meter	-88	0.01	Field Crew	
MO-THO	2020/21-4	Dry	4/29/2021 9:15:00 AM	5/4/2021 2:01:00 PM	Phenolics	n/a	=	0.023	mg/L	EPA 420.4	0.0032	0.01	WKL	
MO-THO	2020/21-4	Dry	4/29/2021 9:15:00 AM	4/29/2021 9:15:00 AM	Salinity	n/a	=	500	mg/L	Field Meter	-88	100	Field Crew	
MO-THO	2020/21-4	Dry	4/29/2021 9:15:00 AM	5/7/2021 1:10:00 PM	Specific Conductance	n/a	=	1900	µmhos/cm	SM 2510 B	0.7	6	WKL	
MO-THO	2020/21-4	Dry	4/29/2021 9:15:00 AM	4/29/2021 9:15:00 AM	Specific Conductance	n/a	=	1083	µmhos/cm	Field Meter	-88	1	Field Crew	
MO-THO	2020/21-4	Dry	4/29/2021 9:15:00 AM	4/29/2021 9:15:00 AM	Temperature	n/a	=	18.7	°C	Field Meter	-88	0.1	Field Crew	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-THO	2020/21-4	Dry	4/29/2021 9:15:00 AM	5/3/2021 12:40:00 PM	Total Dissolved Solids	n/a	=	1100	mg/L	SM 2540 C	4	10	WKL	
MO-THO	2020/21-4	Dry	4/29/2021 9:15:00 AM	5/6/2021 12:00:00 PM	Total Organic Carbon	n/a	=	4.4	mg/L	SM 5310 B	0.096	0.3	WKL	
MO-THO	2020/21-4	Dry	4/29/2021 9:15:00 AM	5/3/2021 1:20:00 PM	Total Suspended Solids	n/a	DNQ	4	mg/L	SM 2540 D	-88	5	WKL	
MO-THO	2020/21-4	Dry	4/29/2021 9:15:00 AM	4/29/2021 5:41:00 PM	Turbidity	n/a	=	0.95	NTU	EPA 180.1	0.017	0.1	WKL	
MO-THO	2020/21-4	Dry	4/29/2021 9:15:00 AM	5/3/2021 1:20:00 PM	Volatile Suspended Solids	n/a	<	3.1	mg/L	EPA 160.4	3.1	5	WKL	
MO-THO	2020/21-4	Dry	4/29/2021 9:15:00 AM	5/6/2021 2:13:00 PM	Diesel Range Organics	n/a	DNQ	0.073	mg/L	EPA 8015B	0.032	0.1	WKL	UL-MB
MO-THO	2020/21-4	Dry	4/29/2021 9:15:00 AM	5/4/2021 1:26:00 AM	Gasoline Range Organics	n/a	DNQ	0.08	mg/L	LUFT GC/MS	0.065	0.1	WKL	
MO-THO	2020/21-4	Dry	4/29/2021 9:15:00 AM	4/30/2021 3:28:00 PM	Oil and Grease	n/a	<	0.7	mg/L	EPA 1664B	0.7	5	WKL	
MO-THO	2020/21-4	Dry	4/29/2021 9:15:00 AM	5/6/2021 2:13:00 PM	Oil Range Organics	n/a	<	0.33	mg/L	EPA 8015B	0.33	0.5	WKL	
MO-THO	2020/21-4	Dry	4/29/2021 9:15:00 AM	5/4/2021 4:37:00 PM	Aluminum	Dissolved	<	4.4	µg/L	EPA 200.8	4.4	20	WKL	
MO-THO	2020/21-4	Dry	4/29/2021 9:15:00 AM	5/4/2021 4:40:00 PM	Aluminum	Total	=	88	µg/L	EPA 200.8	4.4	20	WKL	
MO-THO	2020/21-4	Dry	4/29/2021 9:15:00 AM	5/4/2021 4:37:00 PM	Antimony	Dissolved	DNQ	0.18	µg/L	EPA 200.8	0.089	0.5	WKL	
MO-THO	2020/21-4	Dry	4/29/2021 9:15:00 AM	5/4/2021 4:40:00 PM	Antimony	Total	DNQ	0.19	µg/L	EPA 200.8	0.089	0.5	WKL	
MO-THO	2020/21-4	Dry	4/29/2021 9:15:00 AM	5/4/2021 4:37:00 PM	Arsenic	Dissolved	=	2.4	µg/L	EPA 200.8	0.074	0.4	WKL	
MO-THO	2020/21-4	Dry	4/29/2021 9:15:00 AM	5/4/2021 4:40:00 PM	Arsenic	Total	=	2.4	µg/L	EPA 200.8	0.074	0.4	WKL	
MO-THO	2020/21-4	Dry	4/29/2021 9:15:00 AM	5/4/2021 4:40:00 PM	Barium	Total	=	18	µg/L	EPA 200.8	0.14	1	WKL	
MO-THO	2020/21-4	Dry	4/29/2021 9:15:00 AM	5/4/2021 4:37:00 PM	Beryllium	Dissolved	<	0.062	µg/L	EPA 200.8	0.062	0.1	WKL	
MO-THO	2020/21-4	Dry	4/29/2021 9:15:00 AM	5/4/2021 4:40:00 PM	Beryllium	Total	<	0.062	µg/L	EPA 200.8	0.062	0.1	WKL	
MO-THO	2020/21-4	Dry	4/29/2021 9:15:00 AM	5/4/2021 4:37:00 PM	Cadmium	Dissolved	<	0.042	µg/L	EPA 200.8	0.042	0.2	WKL	
MO-THO	2020/21-4	Dry	4/29/2021 9:15:00 AM	5/4/2021 4:40:00 PM	Cadmium	Total	<	0.042	µg/L	EPA 200.8	0.042	0.2	WKL	
MO-THO	2020/21-4	Dry	4/29/2021 9:15:00 AM	5/4/2021 4:37:00 PM	Chromium	Dissolved	DNQ	0.18	µg/L	EPA 200.8	0.089	0.2	WKL	
MO-THO	2020/21-4	Dry	4/29/2021 9:15:00 AM	5/4/2021 4:40:00 PM	Chromium	Total	=	0.42	µg/L	EPA 200.8	0.089	0.2	WKL	
MO-THO	2020/21-4	Dry	4/29/2021 9:15:00 AM	5/3/2021 7:35:00 PM	Chromium VI	n/a	=	0.04	µg/L	EPA 218.6	0.0079	0.02	WKL	
MO-THO	2020/21-4	Dry	4/29/2021 9:15:00 AM	5/4/2021 4:37:00 PM	Copper	Dissolved	=	1.1	µg/L	EPA 200.8	0.23	0.5	WKL	UL-MB
MO-THO	2020/21-4	Dry	4/29/2021 9:15:00 AM	5/4/2021 4:40:00 PM	Copper	Total	=	1.1	µg/L	EPA 200.8	0.23	0.5	WKL	
MO-THO	2020/21-4	Dry	4/29/2021 9:15:00 AM	5/4/2021 4:37:00 PM	Iron	Dissolved	=	32	µg/L	EPA 200.8	3.9	20	WKL	
MO-THO	2020/21-4	Dry	4/29/2021 9:15:00 AM	5/4/2021 4:40:00 PM	Iron	Total	=	140	µg/L	EPA 200.8	3.9	20	WKL	
MO-THO	2020/21-4	Dry	4/29/2021 9:15:00 AM	5/4/2021 4:37:00 PM	Lead	Dissolved	<	0.083	µg/L	EPA 200.8	0.083	0.2	WKL	
MO-THO	2020/21-4	Dry	4/29/2021 9:15:00 AM	5/4/2021 4:40:00 PM	Lead	Total	DNQ	0.088	µg/L	EPA 200.8	0.083	0.2	WKL	
MO-THO	2020/21-4	Dry	4/29/2021 9:15:00 AM	5/5/2021 5:32:00 PM	Mercury	Dissolved	<	17	ng/L	EPA 245.1	17	50	WKL	
MO-THO	2020/21-4	Dry	4/29/2021 9:15:00 AM	5/5/2021 5:34:00 PM	Mercury	Total	<	17	ng/L	EPA 245.1	17	50	WKL	
MO-THO	2020/21-4	Dry	4/29/2021 9:15:00 AM	5/4/2021 4:37:00 PM	Nickel	Dissolved	DNQ	1.4	µg/L	EPA 200.8	0.16	2	WKL	
MO-THO	2020/21-4	Dry	4/29/2021 9:15:00 AM	5/4/2021 4:40:00 PM	Nickel	Total	DNQ	1.6	µg/L	EPA 200.8	0.16	2	WKL	
MO-THO	2020/21-4	Dry	4/29/2021 9:15:00 AM	5/4/2021 4:37:00 PM	Selenium	Dissolved	=	0.75	µg/L	EPA 200.8	0.067	0.4	WKL	
MO-THO	2020/21-4	Dry	4/29/2021 9:15:00 AM	5/4/2021 4:40:00 PM	Selenium	Total	=	0.74	µg/L	EPA 200.8	0.067	0.4	WKL	
MO-THO	2020/21-4	Dry	4/29/2021 9:15:00 AM	5/4/2021 4:37:00 PM	Silver	Dissolved	<	0.03	µg/L	EPA 200.8	0.03	0.2	WKL	
MO-THO	2020/21-4	Dry	4/29/2021 9:15:00 AM	5/4/2021 4:40:00 PM	Silver	Total	<	0.03	µg/L	EPA 200.8	0.03	0.2	WKL	
MO-THO	2020/21-4	Dry	4/29/2021 9:15:00 AM	5/4/2021 4:37:00 PM	Thallium	Dissolved	<	0.021	µg/L	EPA 200.8	0.021	0.2	WKL	
MO-THO	2020/21-4	Dry	4/29/2021 9:15:00 AM	5/4/2021 4:40:00 PM	Thallium	Total	<	0.021	µg/L	EPA 200.8	0.021	0.2	WKL	
MO-THO	2020/21-4	Dry	4/29/2021 9:15:00 AM	5/4/2021 4:37:00 PM	Zinc	Dissolved	DNQ	9.7	µg/L	EPA 200.8	0.8	10	WKL	
MO-THO	2020/21-4	Dry	4/29/2021 9:15:00 AM	5/4/2021 4:40:00 PM	Zinc	Total	=	10	µg/L	EPA 200.8	0.8	10	WKL	
MO-THO	2020/21-4	Dry	4/29/2021 9:15:00 AM	5/6/2021 2:23:00 PM	Ammonia as N	n/a	=	0.33	mg/L	EPA 350.1	0.047	0.1	WKL	
MO-THO	2020/21-4	Dry	4/29/2021 9:15:00 AM	4/29/2021 6:26:00 PM	Nitrate + Nitrite as N	n/a	=	1.9	mg/L	EPA 353.2	0.036	0.2	WKL	
MO-THO	2020/21-4	Dry	4/29/2021 9:15:00 AM	5/4/2021 6:23:00 PM	Phosphorus as P	Dissolved	=	0.72	mg/L	EPA 200.7	0.018	0.05	WKL	
MO-THO	2020/21-4	Dry	4/29/2021 9:15:00 AM	5/4/2021 6:26:00 PM	Phosphorus as P	Total	=	0.74	mg/L	EPA 200.7	0.018	0.05	WKL	
MO-THO	2020/21-4	Dry	4/29/2021 9:15:00 AM	5/7/2021 1:27:00 PM	TKN	n/a	=	0.87	mg/L	EPA 351.2	0.065	0.1	WKL	
MO-THO	2020/21-4	Dry	4/29/2021 9:15:00 AM	5/27/2021 9:08:00 AM	1,2,4-Trichlorobenzene	n/a	<	0.49	µg/L	EPA 625.1	0.49	1	WKL	
MO-THO	2020/21-4	Dry	4/29/2021 9:15:00 AM	5/27/2021 9:08:00 AM	1,2-Dichlorobenzene	n/a	<	0.46	µg/L	EPA 625.1	0.46	1	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-THO	2020/21-4	Dry	4/29/2021 9:15:00 AM	5/27/2021 9:08:00 AM	1,2-Diphenylhydrazine	n/a	<	0.3	µg/L	EPA 625.1	0.3	1	WKL	
MO-THO	2020/21-4	Dry	4/29/2021 9:15:00 AM	5/27/2021 9:08:00 AM	1,3-Dichlorobenzene	n/a	<	0.42	µg/L	EPA 625.1	0.42	1	WKL	
MO-THO	2020/21-4	Dry	4/29/2021 9:15:00 AM	5/27/2021 9:08:00 AM	1,4-Dichlorobenzene	n/a	<	0.48	µg/L	EPA 625.1	0.48	1	WKL	
MO-THO	2020/21-4	Dry	4/29/2021 9:15:00 AM	5/5/2021 9:06:00 AM	1-Methylnaphthalene	n/a	<	0.024	µg/L	EPA 8270C	0.024	0.1	WKL	
MO-THO	2020/21-4	Dry	4/29/2021 9:15:00 AM	5/25/2021 1:42:00 AM	2,4,5-Trichlorophenol	n/a	<	0.29	µg/L	EPA 8270C	0.29	1	WKL	
MO-THO	2020/21-4	Dry	4/29/2021 9:15:00 AM	5/27/2021 9:08:00 AM	2,4,6-Trichlorophenol	n/a	<	0.22	µg/L	EPA 625.1	0.22	1	WKL	
MO-THO	2020/21-4	Dry	4/29/2021 9:15:00 AM	5/25/2021 1:42:00 AM	2,4,6-Trichlorophenol	n/a	<	0.3	µg/L	EPA 8270C	0.3	1	WKL	
MO-THO	2020/21-4	Dry	4/29/2021 9:15:00 AM	5/27/2021 9:08:00 AM	2,4-Dichlorophenol	n/a	<	0.26	µg/L	EPA 625.1	0.26	1	WKL	
MO-THO	2020/21-4	Dry	4/29/2021 9:15:00 AM	5/25/2021 1:42:00 AM	2,4-Dichlorophenol	n/a	<	0.51	µg/L	EPA 8270C	0.51	1	WKL	
MO-THO	2020/21-4	Dry	4/29/2021 9:15:00 AM	5/27/2021 9:08:00 AM	2,4-Dimethylphenol	n/a	<	0.3	µg/L	EPA 625.1	0.3	1	WKL	LB-LCSR
MO-THO	2020/21-4	Dry	4/29/2021 9:15:00 AM	5/25/2021 1:42:00 AM	2,4-Dimethylphenol	n/a	<	1	µg/L	EPA 8270C	1	2	WKL	
MO-THO	2020/21-4	Dry	4/29/2021 9:15:00 AM	5/25/2021 1:42:00 AM	2,4-Dinitrophenol	n/a	<	1	µg/L	EPA 8270C	1	2	WKL	
MO-THO	2020/21-4	Dry	4/29/2021 9:15:00 AM	5/27/2021 9:08:00 AM	2,4-Dinitrophenol	n/a	<	1.9	µg/L	EPA 625.1	1.9	10	WKL	
MO-THO	2020/21-4	Dry	4/29/2021 9:15:00 AM	5/27/2021 9:08:00 AM	2,4-Dinitrotoluene	n/a	<	0.18	µg/L	EPA 625.1	0.18	1	WKL	
MO-THO	2020/21-4	Dry	4/29/2021 9:15:00 AM	5/27/2021 9:08:00 AM	2,6-Dinitrotoluene	n/a	<	0.27	µg/L	EPA 625.1	0.27	1	WKL	
MO-THO	2020/21-4	Dry	4/29/2021 9:15:00 AM	5/27/2021 9:08:00 AM	2-Chloronaphthalene	n/a	<	0.45	µg/L	EPA 625.1	0.45	1	WKL	
MO-THO	2020/21-4	Dry	4/29/2021 9:15:00 AM	5/27/2021 9:08:00 AM	2-Chlorophenol	n/a	<	0.28	µg/L	EPA 625.1	0.28	1	WKL	
MO-THO	2020/21-4	Dry	4/29/2021 9:15:00 AM	5/25/2021 1:42:00 AM	2-Chlorophenol	n/a	<	0.65	µg/L	EPA 8270C	0.65	1	WKL	
MO-THO	2020/21-4	Dry	4/29/2021 9:15:00 AM	5/5/2021 9:06:00 AM	2-Methylnaphthalene	n/a	<	0.026	µg/L	EPA 8270C	0.026	0.1	WKL	
MO-THO	2020/21-4	Dry	4/29/2021 9:15:00 AM	5/25/2021 1:42:00 AM	2-Methylphenol	n/a	<	0.34	µg/L	EPA 8270C	0.34	1	WKL	
MO-THO	2020/21-4	Dry	4/29/2021 9:15:00 AM	5/25/2021 1:42:00 AM	2-Nitrophenol	n/a	<	0.71	µg/L	EPA 8270C	0.71	1	WKL	
MO-THO	2020/21-4	Dry	4/29/2021 9:15:00 AM	5/27/2021 9:08:00 AM	2-Nitrophenol	n/a	<	0.26	µg/L	EPA 625.1	0.26	1	WKL	
MO-THO	2020/21-4	Dry	4/29/2021 9:15:00 AM	5/27/2021 9:08:00 AM	3,3'-Dichlorobenzidine	n/a	<	0.99	µg/L	EPA 625.1	0.99	5	WKL	
MO-THO	2020/21-4	Dry	4/29/2021 9:15:00 AM	5/25/2021 1:42:00 AM	3-/4-Methylphenol	n/a	<	0.3	µg/L	EPA 8270C	0.3	1	WKL	
MO-THO	2020/21-4	Dry	4/29/2021 9:15:00 AM	5/27/2021 9:08:00 AM	4,6-Dinitro-2-methylphenol	n/a	<	1.4	µg/L	EPA 625.1	1.4	5	WKL	
MO-THO	2020/21-4	Dry	4/29/2021 9:15:00 AM	5/25/2021 1:42:00 AM	4,6-Dinitro-2-methylphenol	n/a	<	0.14	µg/L	EPA 8270C	0.14	1	WKL	
MO-THO	2020/21-4	Dry	4/29/2021 9:15:00 AM	5/27/2021 9:08:00 AM	4-Bromophenyl phenyl ether	n/a	<	0.36	µg/L	EPA 625.1	0.36	1	WKL	
MO-THO	2020/21-4	Dry	4/29/2021 9:15:00 AM	5/27/2021 9:08:00 AM	4-Chloro-3-methylphenol	n/a	<	0.23	µg/L	EPA 625.1	0.23	1	WKL	
MO-THO	2020/21-4	Dry	4/29/2021 9:15:00 AM	5/25/2021 1:42:00 AM	4-Chloro-3-methylphenol	n/a	<	0.37	µg/L	EPA 8270C	0.37	1	WKL	
MO-THO	2020/21-4	Dry	4/29/2021 9:15:00 AM	5/27/2021 9:08:00 AM	4-Chlorophenyl phenyl ether	n/a	<	0.41	µg/L	EPA 625.1	0.41	1	WKL	
MO-THO	2020/21-4	Dry	4/29/2021 9:15:00 AM	5/25/2021 1:42:00 AM	4-Nitrophenol	n/a	<	1	µg/L	EPA 8270C	1	2	WKL	
MO-THO	2020/21-4	Dry	4/29/2021 9:15:00 AM	5/27/2021 9:08:00 AM	4-Nitrophenol	n/a	<	1.2	µg/L	EPA 625.1	1.2	5	WKL	
MO-THO	2020/21-4	Dry	4/29/2021 9:15:00 AM	5/27/2021 9:08:00 AM	Acenaphthene	n/a	<	0.38	µg/L	EPA 625.1	0.38	1	WKL	
MO-THO	2020/21-4	Dry	4/29/2021 9:15:00 AM	5/5/2021 9:06:00 AM	Acenaphthene	n/a	<	0.028	µg/L	EPA 8270C	0.028	0.1	WKL	
MO-THO	2020/21-4	Dry	4/29/2021 9:15:00 AM	5/27/2021 9:08:00 AM	Acenaphthylene	n/a	<	0.17	µg/L	EPA 625.1	0.17	1	WKL	
MO-THO	2020/21-4	Dry	4/29/2021 9:15:00 AM	5/5/2021 9:06:00 AM	Acenaphthylene	n/a	<	0.033	µg/L	EPA 8270C	0.033	0.1	WKL	
MO-THO	2020/21-4	Dry	4/29/2021 9:15:00 AM	5/27/2021 9:08:00 AM	Anthracene	n/a	<	0.12	µg/L	EPA 625.1	0.12	1	WKL	
MO-THO	2020/21-4	Dry	4/29/2021 9:15:00 AM	5/5/2021 9:06:00 AM	Anthracene	n/a	<	0.025	µg/L	EPA 8270C	0.025	0.1	WKL	
MO-THO	2020/21-4	Dry	4/29/2021 9:15:00 AM	5/5/2021 9:06:00 AM	Benz(a)anthracene	n/a	<	0.051	µg/L	EPA 8270C	0.051	0.1	WKL	
MO-THO	2020/21-4	Dry	4/29/2021 9:15:00 AM	5/27/2021 9:08:00 AM	Benz(a)anthracene	n/a	<	0.19	µg/L	EPA 625.1	0.19	1	WKL	
MO-THO	2020/21-4	Dry	4/29/2021 9:15:00 AM	5/27/2021 9:08:00 AM	Benzenzidine	n/a	<	1.4	µg/L	EPA 625.1	1.4	10	WKL	
MO-THO	2020/21-4	Dry	4/29/2021 9:15:00 AM	5/12/2021 7:30:00 AM	Benzo(a)pyrene	n/a	<	0.02	µg/L	EPA 525.2	0.02	0.1	WKL	
MO-THO	2020/21-4	Dry	4/29/2021 9:15:00 AM	5/27/2021 9:08:00 AM	Benzo(a)pyrene	n/a	<	0.39	µg/L	EPA 625.1	0.39	1	WKL	
MO-THO	2020/21-4	Dry	4/29/2021 9:15:00 AM	5/5/2021 9:06:00 AM	Benzo(a)pyrene	n/a	<	0.051	µg/L	EPA 8270C	0.051	0.1	WKL	
MO-THO	2020/21-4	Dry	4/29/2021 9:15:00 AM	5/27/2021 9:08:00 AM	Benzo(b)fluoranthene	n/a	<	0.46	µg/L	EPA 625.1	0.46	1	WKL	
MO-THO	2020/21-4	Dry	4/29/2021 9:15:00 AM	5/5/2021 9:06:00 AM	Benzo(b)fluoranthene	n/a	<	0.027	µg/L	EPA 8270C	0.027	0.1	WKL	
MO-THO	2020/21-4	Dry	4/29/2021 9:15:00 AM	5/5/2021 9:06:00 AM	Benzo(g,h,i)perylene	n/a	<	0.05	µg/L	EPA 8270C	0.05	0.1	WKL	
MO-THO	2020/21-4	Dry	4/29/2021 9:15:00 AM	5/27/2021 9:08:00 AM	Benzo(g,h,i)perylene	n/a	<	0.42	µg/L	EPA 625.1	0.42	2	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-THO	2020/21-4	Dry	4/29/2021 9:15:00 AM	5/5/2021 9:06:00 AM	Benzo(k)fluoranthene	n/a	<	0.026	µg/L	EPA 8270C	0.026	0.1	WKL	
MO-THO	2020/21-4	Dry	4/29/2021 9:15:00 AM	5/27/2021 9:08:00 AM	Benzo(k)fluoranthene	n/a	<	0.22	µg/L	EPA 625.1	0.22	1	WKL	
MO-THO	2020/21-4	Dry	4/29/2021 9:15:00 AM	5/27/2021 9:08:00 AM	Bis(2-chloroethoxy)methane	n/a	<	0.25	µg/L	EPA 625.1	0.25	1	WKL	
MO-THO	2020/21-4	Dry	4/29/2021 9:15:00 AM	5/27/2021 9:08:00 AM	Bis(2-chloroethyl)ether	n/a	<	0.27	µg/L	EPA 625.1	0.27	1	WKL	
MO-THO	2020/21-4	Dry	4/29/2021 9:15:00 AM	5/27/2021 9:08:00 AM	Bis(2-chloroisopropyl)ether	n/a	<	0.38	µg/L	EPA 625.1	0.38	1	WKL	
MO-THO	2020/21-4	Dry	4/29/2021 9:15:00 AM	5/12/2021 7:30:00 AM	Bis(2-ethylhexyl)adipate	n/a	<	0.12	µg/L	EPA 525.2	0.12	5	WKL	
MO-THO	2020/21-4	Dry	4/29/2021 9:15:00 AM	5/12/2021 7:30:00 AM	Bis(2-ethylhexyl)phthalate	n/a	DNQ	0.58	µg/L	EPA 525.2	0.41	3	WKL	UL-MB
MO-THO	2020/21-4	Dry	4/29/2021 9:15:00 AM	5/27/2021 9:08:00 AM	Bis(2-ethylhexyl)phthalate	n/a	<	2.3	µg/L	EPA 625.1	2.3	5	WKL	
MO-THO	2020/21-4	Dry	4/29/2021 9:15:00 AM	5/27/2021 9:08:00 AM	Butyl benzyl phthalate	n/a	<	0.18	µg/L	EPA 625.1	0.18	1	WKL	
MO-THO	2020/21-4	Dry	4/29/2021 9:15:00 AM	5/27/2021 9:08:00 AM	Chrysene	n/a	<	0.19	µg/L	EPA 625.1	0.19	1	WKL	
MO-THO	2020/21-4	Dry	4/29/2021 9:15:00 AM	5/5/2021 9:06:00 AM	Chrysene	n/a	<	0.032	µg/L	EPA 8270C	0.032	0.1	WKL	
MO-THO	2020/21-4	Dry	4/29/2021 9:15:00 AM	5/27/2021 9:08:00 AM	Dibenz(a,h)anthracene	n/a	<	0.53	µg/L	EPA 625.1	0.53	2	WKL	
MO-THO	2020/21-4	Dry	4/29/2021 9:15:00 AM	5/5/2021 9:06:00 AM	Dibenz(a,h)anthracene	n/a	<	0.096	µg/L	EPA 8270C	0.096	0.1	WKL	
MO-THO	2020/21-4	Dry	4/29/2021 9:15:00 AM	5/27/2021 9:08:00 AM	Diethyl phthalate	n/a	<	0.15	µg/L	EPA 625.1	0.15	1	WKL	
MO-THO	2020/21-4	Dry	4/29/2021 9:15:00 AM	5/27/2021 9:08:00 AM	Dimethyl phthalate	n/a	=	5.6	µg/L	EPA 625.1	0.18	1	WKL	
MO-THO	2020/21-4	Dry	4/29/2021 9:15:00 AM	5/27/2021 9:08:00 AM	Di-n-butylphthalate	n/a	<	0.1	µg/L	EPA 625.1	0.1	1	WKL	
MO-THO	2020/21-4	Dry	4/29/2021 9:15:00 AM	5/27/2021 9:08:00 AM	Di-n-octylphthalate	n/a	<	0.46	µg/L	EPA 625.1	0.46	1	WKL	
MO-THO	2020/21-4	Dry	4/29/2021 9:15:00 AM	5/27/2021 9:08:00 AM	Fluoranthene	n/a	<	0.08	µg/L	EPA 625.1	0.08	1	WKL	
MO-THO	2020/21-4	Dry	4/29/2021 9:15:00 AM	5/5/2021 9:06:00 AM	Fluoranthene	n/a	<	0.039	µg/L	EPA 8270C	0.039	0.1	WKL	
MO-THO	2020/21-4	Dry	4/29/2021 9:15:00 AM	5/27/2021 9:08:00 AM	Fluorene	n/a	<	0.35	µg/L	EPA 625.1	0.35	1	WKL	
MO-THO	2020/21-4	Dry	4/29/2021 9:15:00 AM	5/5/2021 9:06:00 AM	Fluorene	n/a	<	0.029	µg/L	EPA 8270C	0.029	0.1	WKL	
MO-THO	2020/21-4	Dry	4/29/2021 9:15:00 AM	5/27/2021 9:08:00 AM	Hexachlorobenzene	n/a	<	0.49	µg/L	EPA 625.1	0.49	1	WKL	
MO-THO	2020/21-4	Dry	4/29/2021 9:15:00 AM	5/27/2021 9:08:00 AM	Hexachlorobutadiene	n/a	<	0.47	µg/L	EPA 625.1	0.47	1	WKL	
MO-THO	2020/21-4	Dry	4/29/2021 9:15:00 AM	5/27/2021 9:08:00 AM	Hexachlorocyclopentadiene	n/a	<	0.98	µg/L	EPA 625.1	0.98	5	WKL	
MO-THO	2020/21-4	Dry	4/29/2021 9:15:00 AM	5/27/2021 9:08:00 AM	Hexachloroethane	n/a	<	0.5	µg/L	EPA 625.1	0.5	1	WKL	
MO-THO	2020/21-4	Dry	4/29/2021 9:15:00 AM	5/5/2021 9:06:00 AM	Indeno(1,2,3-cd)pyrene	n/a	<	0.065	µg/L	EPA 8270C	0.065	0.1	WKL	
MO-THO	2020/21-4	Dry	4/29/2021 9:15:00 AM	5/27/2021 9:08:00 AM	Indeno(1,2,3-cd)pyrene	n/a	<	0.55	µg/L	EPA 625.1	0.55	2	WKL	
MO-THO	2020/21-4	Dry	4/29/2021 9:15:00 AM	5/27/2021 9:08:00 AM	Isophorone	n/a	<	0.21	µg/L	EPA 625.1	0.21	1	WKL	
MO-THO	2020/21-4	Dry	4/29/2021 9:15:00 AM	5/27/2021 9:08:00 AM	Naphthalene	n/a	<	0.49	µg/L	EPA 625.1	0.49	1	WKL	
MO-THO	2020/21-4	Dry	4/29/2021 9:15:00 AM	5/5/2021 9:06:00 AM	Naphthalene	n/a	<	0.026	µg/L	EPA 8270C	0.026	0.1	WKL	
MO-THO	2020/21-4	Dry	4/29/2021 9:15:00 AM	5/27/2021 9:08:00 AM	Nitrobenzene	n/a	<	0.36	µg/L	EPA 625.1	0.36	1	WKL	
MO-THO	2020/21-4	Dry	4/29/2021 9:15:00 AM	5/27/2021 9:08:00 AM	N-Nitrosodimethylamine	n/a	<	0.5	µg/L	EPA 625.1	0.5	1	WKL	
MO-THO	2020/21-4	Dry	4/29/2021 9:15:00 AM	5/27/2021 9:08:00 AM	N-Nitrosodi-N-propylamine	n/a	<	0.26	µg/L	EPA 625.1	0.26	1	WKL	
MO-THO	2020/21-4	Dry	4/29/2021 9:15:00 AM	5/27/2021 9:08:00 AM	N-Nitrosodiphenylamine	n/a	<	0.19	µg/L	EPA 625.1	0.19	1	WKL	
MO-THO	2020/21-4	Dry	4/29/2021 9:15:00 AM	5/27/2021 9:08:00 AM	Phenanthrene	n/a	<	0.32	µg/L	EPA 625.1	0.32	1	WKL	
MO-THO	2020/21-4	Dry	4/29/2021 9:15:00 AM	5/5/2021 9:06:00 AM	Phenanthrene	n/a	<	0.029	µg/L	EPA 8270C	0.029	0.1	WKL	
MO-THO	2020/21-4	Dry	4/29/2021 9:15:00 AM	5/27/2021 9:08:00 AM	Phenol	n/a	DNQ	0.42	µg/L	EPA 625.1	0.16	1	WKL	
MO-THO	2020/21-4	Dry	4/29/2021 9:15:00 AM	5/25/2021 1:42:00 AM	Phenol	n/a	DNQ	0.4	µg/L	EPA 8270C	0.35	1	WKL	
MO-THO	2020/21-4	Dry	4/29/2021 9:15:00 AM	5/5/2021 9:06:00 AM	Pyrene	n/a	<	0.04	µg/L	EPA 8270C	0.04	0.1	WKL	
MO-THO	2020/21-4	Dry	4/29/2021 9:15:00 AM	5/27/2021 9:08:00 AM	Pyrene	n/a	<	0.25	µg/L	EPA 625.1	0.25	1	WKL	
MO-THO	2020/21-4	Dry	4/29/2021 9:15:00 AM	5/7/2021 11:00:00 PM	PCB Aroclor 1016	n/a	<	0.5	µg/L	EPA 608.3	0.5	2.5	WKL	
MO-THO	2020/21-4	Dry	4/29/2021 9:15:00 AM	5/7/2021 11:00:00 PM	PCB Aroclor 1221	n/a	<	0.5	µg/L	EPA 608.3	0.5	2.5	WKL	
MO-THO	2020/21-4	Dry	4/29/2021 9:15:00 AM	5/7/2021 11:00:00 PM	PCB Aroclor 1232	n/a	<	0.5	µg/L	EPA 608.3	0.5	2.5	WKL	
MO-THO	2020/21-4	Dry	4/29/2021 9:15:00 AM	5/7/2021 11:00:00 PM	PCB Aroclor 1242	n/a	<	0.5	µg/L	EPA 608.3	0.5	2.5	WKL	
MO-THO	2020/21-4	Dry	4/29/2021 9:15:00 AM	5/7/2021 11:00:00 PM	PCB Aroclor 1248	n/a	<	0.5	µg/L	EPA 608.3	0.5	2.5	WKL	
MO-THO	2020/21-4	Dry	4/29/2021 9:15:00 AM	5/7/2021 11:00:00 PM	PCB Aroclor 1254	n/a	<	0.5	µg/L	EPA 608.3	0.5	2.5	WKL	
MO-THO	2020/21-4	Dry	4/29/2021 9:15:00 AM	5/7/2021 11:00:00 PM	PCB Aroclor 1260	n/a	<	0.5	µg/L	EPA 608.3	0.5	2.5	WKL	
MO-THO	2020/21-4	Dry	4/29/2021 9:15:00 AM	5/5/2021 11:01:00 AM	2,4,5-T	n/a	<	0.11	µg/L	EPA 515.4	0.11	0.4	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-THO	2020/21-4	Dry	4/29/2021 9:15:00 AM	5/5/2021 11:01:00 AM	2,4,5-TP	n/a	<	0.092	µg/L	EPA 515.4	0.092	0.4	WKL	
MO-THO	2020/21-4	Dry	4/29/2021 9:15:00 AM	5/5/2021 11:01:00 AM	2,4-D	n/a	<	0.28	µg/L	EPA 515.4	0.28	0.8	WKL	
MO-THO	2020/21-4	Dry	4/29/2021 9:15:00 AM	5/5/2021 11:01:00 AM	2,4-DB	n/a	<	0.38	µg/L	EPA 515.4	0.38	4	WKL	
MO-THO	2020/21-4	Dry	4/29/2021 9:15:00 AM	5/5/2021 11:01:00 AM	3,5-Dichlorobenzoic acid	n/a	<	0.24	µg/L	EPA 515.4	0.24	2	WKL	
MO-THO	2020/21-4	Dry	4/29/2021 9:15:00 AM	5/7/2021 11:00:00 PM	4,4'-DDD	n/a	<	0.0035	µg/L	EPA 608.3	0.0035	0.25	WKL	
MO-THO	2020/21-4	Dry	4/29/2021 9:15:00 AM	5/7/2021 11:00:00 PM	4,4'-DDE	n/a	<	0.0035	µg/L	EPA 608.3	0.0035	0.25	WKL	
MO-THO	2020/21-4	Dry	4/29/2021 9:15:00 AM	5/7/2021 11:00:00 PM	4,4'-DDT	n/a	<	0.0055	µg/L	EPA 608.3	0.0055	0.05	WKL	
MO-THO	2020/21-4	Dry	4/29/2021 9:15:00 AM	5/5/2021 11:01:00 AM	Acifluorfen	n/a	<	0.14	µg/L	EPA 515.4	0.14	0.8	WKL	
MO-THO	2020/21-4	Dry	4/29/2021 9:15:00 AM	5/12/2021 7:30:00 AM	Alachlor	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1	WKL	
MO-THO	2020/21-4	Dry	4/29/2021 9:15:00 AM	5/7/2021 11:00:00 PM	Aldrin	n/a	<	0.005	µg/L	EPA 608.3	0.005	0.025	WKL	
MO-THO	2020/21-4	Dry	4/29/2021 9:15:00 AM	5/7/2021 11:00:00 PM	alpha-BHC	n/a	<	0.0055	µg/L	EPA 608.3	0.0055	0.05	WKL	
MO-THO	2020/21-4	Dry	4/29/2021 9:15:00 AM	5/7/2021 11:00:00 PM	alpha-Chlordane	n/a	<	0.014	µg/L	EPA 608.3	0.014	0.05	WKL	
MO-THO	2020/21-4	Dry	4/29/2021 9:15:00 AM	5/12/2021 7:30:00 AM	Atrazine	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1	WKL	
MO-THO	2020/21-4	Dry	4/29/2021 9:15:00 AM	5/5/2021 4:18:00 PM	Azinphos methyl	n/a	<	0.0055	µg/L	EPA 625.1m	0.0055	0.01	WKL	
MO-THO	2020/21-4	Dry	4/29/2021 9:15:00 AM	5/5/2021 11:01:00 AM	Bentazon	n/a	<	0.46	µg/L	EPA 515.4	0.46	4	WKL	
MO-THO	2020/21-4	Dry	4/29/2021 9:15:00 AM	5/7/2021 11:00:00 PM	beta-BHC	n/a	<	0.0075	µg/L	EPA 608.3	0.0075	0.025	WKL	
MO-THO	2020/21-4	Dry	4/29/2021 9:15:00 AM	5/5/2021 4:18:00 PM	Bolstar	n/a	<	0.0046	µg/L	EPA 625.1m	0.0046	0.01	WKL	
MO-THO	2020/21-4	Dry	4/29/2021 9:15:00 AM	5/12/2021 7:30:00 AM	Bromacil	n/a	<	0.16	µg/L	EPA 525.2	0.16	0.5	WKL	
MO-THO	2020/21-4	Dry	4/29/2021 9:15:00 AM	5/12/2021 7:30:00 AM	Butachlor	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1	WKL	
MO-THO	2020/21-4	Dry	4/29/2021 9:15:00 AM	5/12/2021 7:30:00 AM	Captan	n/a	<	0.16	µg/L	EPA 525.2	0.16	1	WKL	
MO-THO	2020/21-4	Dry	4/29/2021 9:15:00 AM	5/7/2021 11:00:00 PM	Chlordane (technical)	n/a	<	0.22	µg/L	EPA 608.3	0.22	0.5	WKL	
MO-THO	2020/21-4	Dry	4/29/2021 9:15:00 AM	5/12/2021 7:30:00 AM	Chlorpropham	n/a	<	0.04	µg/L	EPA 525.2	0.04	0.1	WKL	
MO-THO	2020/21-4	Dry	4/29/2021 9:15:00 AM	5/5/2021 4:18:00 PM	Chlorpyrifos	n/a	<	0.0069	µg/L	EPA 625.1m	0.0069	0.01	WKL	
MO-THO	2020/21-4	Dry	4/29/2021 9:15:00 AM	5/5/2021 4:18:00 PM	Coumaphos	n/a	<	0.0051	µg/L	EPA 625.1m	0.0051	0.01	WKL	
MO-THO	2020/21-4	Dry	4/29/2021 9:15:00 AM	5/12/2021 7:30:00 AM	Cyanazine	n/a	<	0.04	µg/L	EPA 525.2	0.04	0.1	WKL	
MO-THO	2020/21-4	Dry	4/29/2021 9:15:00 AM	5/5/2021 11:01:00 AM	Dalapon	n/a	<	0.22	µg/L	EPA 515.4	0.22	0.8	WKL	
MO-THO	2020/21-4	Dry	4/29/2021 9:15:00 AM	5/5/2021 11:01:00 AM	DCPA (Dacthal)	n/a	<	0.11	µg/L	EPA 515.4	0.11	0.2	WKL	
MO-THO	2020/21-4	Dry	4/29/2021 9:15:00 AM	5/7/2021 11:00:00 PM	delta-BHC	n/a	<	0.0095	µg/L	EPA 608.3	0.0095	0.025	WKL	
MO-THO	2020/21-4	Dry	4/29/2021 9:15:00 AM	5/5/2021 4:18:00 PM	Demeton-O	n/a	<	0.01	µg/L	EPA 625.1m	0.01	0.01	WKL	
MO-THO	2020/21-4	Dry	4/29/2021 9:15:00 AM	5/5/2021 4:18:00 PM	Demeton-S	n/a	<	0.01	µg/L	EPA 625.1m	0.01	0.01	WKL	
MO-THO	2020/21-4	Dry	4/29/2021 9:15:00 AM	5/5/2021 4:18:00 PM	Diazinon	n/a	<	0.0052	µg/L	EPA 625.1m	0.0052	0.01	WKL	
MO-THO	2020/21-4	Dry	4/29/2021 9:15:00 AM	5/12/2021 7:30:00 AM	Diazinon	n/a	<	0.05	µg/L	EPA 525.2	0.05	0.1	WKL	
MO-THO	2020/21-4	Dry	4/29/2021 9:15:00 AM	5/5/2021 11:01:00 AM	Dicamba	n/a	<	0.15	µg/L	EPA 515.4	0.15	1.2	WKL	
MO-THO	2020/21-4	Dry	4/29/2021 9:15:00 AM	5/5/2021 11:01:00 AM	Dichlorprop	n/a	<	0.24	µg/L	EPA 515.4	0.24	0.6	WKL	
MO-THO	2020/21-4	Dry	4/29/2021 9:15:00 AM	5/5/2021 4:18:00 PM	Dichlorvos	n/a	<	0.0029	µg/L	EPA 625.1m	0.0029	0.01	WKL	
MO-THO	2020/21-4	Dry	4/29/2021 9:15:00 AM	5/7/2021 11:00:00 PM	Dieldrin	n/a	<	0.004	µg/L	EPA 608.3	0.004	0.05	WKL	
MO-THO	2020/21-4	Dry	4/29/2021 9:15:00 AM	5/12/2021 7:30:00 AM	Dimethoate	n/a	<	0.02	µg/L	EPA 525.2	0.02	0.2	WKL	
MO-THO	2020/21-4	Dry	4/29/2021 9:15:00 AM	5/5/2021 4:18:00 PM	Dimethoate	n/a	<	0.0062	µg/L	EPA 625.1m	0.0062	0.01	WKL	
MO-THO	2020/21-4	Dry	4/29/2021 9:15:00 AM	5/5/2021 11:01:00 AM	Dinoseb	n/a	<	0.11	µg/L	EPA 515.4	0.11	0.8	WKL	
MO-THO	2020/21-4	Dry	4/29/2021 9:15:00 AM	5/12/2021 7:30:00 AM	Diphenamid	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1	WKL	
MO-THO	2020/21-4	Dry	4/29/2021 9:15:00 AM	5/12/2021 7:30:00 AM	Disulfoton	n/a	<	0.04	µg/L	EPA 525.2	0.04	0.1	WKL	
MO-THO	2020/21-4	Dry	4/29/2021 9:15:00 AM	5/5/2021 4:18:00 PM	Disulfoton	n/a	<	0.01	µg/L	EPA 625.1m	0.01	0.01	WKL	
MO-THO	2020/21-4	Dry	4/29/2021 9:15:00 AM	5/7/2021 11:00:00 PM	Endosulfan I	n/a	<	0.0045	µg/L	EPA 608.3	0.0045	0.1	WKL	
MO-THO	2020/21-4	Dry	4/29/2021 9:15:00 AM	5/7/2021 11:00:00 PM	Endosulfan II	n/a	<	0.0035	µg/L	EPA 608.3	0.0035	0.05	WKL	
MO-THO	2020/21-4	Dry	4/29/2021 9:15:00 AM	5/7/2021 11:00:00 PM	Endosulfan sulfate	n/a	<	0.0065	µg/L	EPA 608.3	0.0065	0.25	WKL	
MO-THO	2020/21-4	Dry	4/29/2021 9:15:00 AM	5/7/2021 11:00:00 PM	Endrin	n/a	<	0.0085	µg/L	EPA 608.3	0.0085	0.05	WKL	
MO-THO	2020/21-4	Dry	4/29/2021 9:15:00 AM	5/7/2021 11:00:00 PM	Endrin aldehyde	n/a	<	0.0095	µg/L	EPA 608.3	0.0095	0.05	WKL	
MO-THO	2020/21-4	Dry	4/29/2021 9:15:00 AM	5/12/2021 7:30:00 AM	EPTC	n/a	<	0.02	µg/L	EPA 525.2	0.02	0.1	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-THO	2020/21-4	Dry	4/29/2021 9:15:00 AM	5/5/2021 4:18:00 PM	Ethoprop	n/a	<	0.0067	µg/L	EPA 625.1m	0.0067	0.01	WKL	
MO-THO	2020/21-4	Dry	4/29/2021 9:15:00 AM	5/5/2021 4:18:00 PM	Ethyl parathion	n/a	<	0.0054	µg/L	EPA 625.1m	0.0054	0.01	WKL	
MO-THO	2020/21-4	Dry	4/29/2021 9:15:00 AM	5/5/2021 4:18:00 PM	Fensulfothion	n/a	<	0.0029	µg/L	EPA 625.1m	0.0029	0.01	WKL	
MO-THO	2020/21-4	Dry	4/29/2021 9:15:00 AM	5/5/2021 4:18:00 PM	Fenthion	n/a	<	0.0038	µg/L	EPA 625.1m	0.0038	0.01	WKL	
MO-THO	2020/21-4	Dry	4/29/2021 9:15:00 AM	5/7/2021 11:00:00 PM	gamma-BHC (Lindane)	n/a	<	0.002	µg/L	EPA 608.3	0.002	0.1	WKL	
MO-THO	2020/21-4	Dry	4/29/2021 9:15:00 AM	5/7/2021 11:00:00 PM	gamma-Chlordane	n/a	<	0.012	µg/L	EPA 608.3	0.012	0.05	WKL	
MO-THO	2020/21-4	Dry	4/29/2021 9:15:00 AM	5/4/2021 1:11:00 AM	Glyphosate	n/a	<	1.8	µg/L	EPA 547	1.8	5	WKL	
MO-THO	2020/21-4	Dry	4/29/2021 9:15:00 AM	5/7/2021 11:00:00 PM	Heptachlor	n/a	<	0.003	µg/L	EPA 608.3	0.003	0.05	WKL	
MO-THO	2020/21-4	Dry	4/29/2021 9:15:00 AM	5/7/2021 11:00:00 PM	Heptachlor epoxide	n/a	<	0.002	µg/L	EPA 608.3	0.002	0.05	WKL	
MO-THO	2020/21-4	Dry	4/29/2021 9:15:00 AM	5/5/2021 4:18:00 PM	Malathion	n/a	<	0.0076	µg/L	EPA 625.1m	0.0076	0.01	WKL	
MO-THO	2020/21-4	Dry	4/29/2021 9:15:00 AM	5/5/2021 4:18:00 PM	Merphos	n/a	<	0.0058	µg/L	EPA 625.1m	0.0058	0.01	WKL	
MO-THO	2020/21-4	Dry	4/29/2021 9:15:00 AM	5/5/2021 4:18:00 PM	Methyl parathion	n/a	<	0.0063	µg/L	EPA 625.1m	0.0063	0.01	WKL	
MO-THO	2020/21-4	Dry	4/29/2021 9:15:00 AM	5/12/2021 7:30:00 AM	Metolachlor	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1	WKL	
MO-THO	2020/21-4	Dry	4/29/2021 9:15:00 AM	5/12/2021 7:30:00 AM	Metribuzin	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1	WKL	
MO-THO	2020/21-4	Dry	4/29/2021 9:15:00 AM	5/5/2021 4:18:00 PM	Mevinphos	n/a	<	0.0042	µg/L	EPA 625.1m	0.0042	0.01	WKL	
MO-THO	2020/21-4	Dry	4/29/2021 9:15:00 AM	5/12/2021 7:30:00 AM	Molinate	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1	WKL	
MO-THO	2020/21-4	Dry	4/29/2021 9:15:00 AM	5/5/2021 4:18:00 PM	Naled	n/a	<	0.0076	µg/L	EPA 625.1m	0.0076	0.01	WKL	
MO-THO	2020/21-4	Dry	4/29/2021 9:15:00 AM	5/27/2021 9:08:00 AM	Pentachlorophenol	n/a	<	0.4	µg/L	EPA 625.1	0.4	1	WKL	
MO-THO	2020/21-4	Dry	4/29/2021 9:15:00 AM	5/25/2021 1:42:00 AM	Pentachlorophenol	n/a	<	0.15	µg/L	EPA 8270C	0.15	1	WKL	
MO-THO	2020/21-4	Dry	4/29/2021 9:15:00 AM	5/5/2021 11:01:00 AM	Pentachlorophenol	n/a	<	0.092	µg/L	EPA 515.4	0.092	0.4	WKL	
MO-THO	2020/21-4	Dry	4/29/2021 9:15:00 AM	5/5/2021 4:18:00 PM	Phorate	n/a	<	0.003	µg/L	EPA 625.1m	0.003	0.01	WKL	
MO-THO	2020/21-4	Dry	4/29/2021 9:15:00 AM	5/5/2021 11:01:00 AM	Picloram	n/a	<	0.076	µg/L	EPA 515.4	0.076	1.2	WKL	
MO-THO	2020/21-4	Dry	4/29/2021 9:15:00 AM	5/12/2021 7:30:00 AM	Prometon	n/a	<	0.01	µg/L	EPA 525.2	0.01	0.1	WKL	
MO-THO	2020/21-4	Dry	4/29/2021 9:15:00 AM	6/3/2021 8:03:00 PM	Prometryn	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1	WKL	EST-HT
MO-THO	2020/21-4	Dry	4/29/2021 9:15:00 AM	5/5/2021 4:18:00 PM	Ronnel (Fenchlorphos)	n/a	<	0.0041	µg/L	EPA 625.1m	0.0041	0.01	WKL	
MO-THO	2020/21-4	Dry	4/29/2021 9:15:00 AM	5/12/2021 7:30:00 AM	Simazine	n/a	<	0.02	µg/L	EPA 525.2	0.02	0.1	WKL	
MO-THO	2020/21-4	Dry	4/29/2021 9:15:00 AM	5/5/2021 4:18:00 PM	Stirophos (Tetrachlorvinphos)	n/a	<	0.0031	µg/L	EPA 625.1m	0.0031	0.01	WKL	
MO-THO	2020/21-4	Dry	4/29/2021 9:15:00 AM	5/12/2021 7:30:00 AM	Terbacil	n/a	<	0.09	µg/L	EPA 525.2	0.09	2	WKL	
MO-THO	2020/21-4	Dry	4/29/2021 9:15:00 AM	5/12/2021 7:30:00 AM	Thiobencarb	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1	WKL	
MO-THO	2020/21-4	Dry	4/29/2021 9:15:00 AM	5/5/2021 4:18:00 PM	Tokuthion	n/a	<	0.0078	µg/L	EPA 625.1m	0.0078	0.01	WKL	
MO-THO	2020/21-4	Dry	4/29/2021 9:15:00 AM	5/7/2021 11:00:00 PM	Toxaphene	n/a	<	2.5	µg/L	EPA 608.3	2.5	2.5	WKL	
MO-THO	2020/21-4	Dry	4/29/2021 9:15:00 AM	5/5/2021 4:18:00 PM	Trichloronate	n/a	<	0.0067	µg/L	EPA 625.1m	0.0067	0.01	WKL	
MO-THO	2020/21-4	Dry	4/29/2021 9:15:00 AM	5/12/2021 7:30:00 AM	Trithion	n/a	<	0.02	µg/L	EPA 525.2	0.02	0.1	WKL	
MO-THO	2021-DRY	Dry	8/11/2021 10:10:00 AM	8/12/2021 12:00:00 PM	E. Coli	n/a	=	30	MPN/100 mL	MMO-MUG	10	10	FGL	
MO-THO	2021-DRY	Dry	8/11/2021 10:10:00 AM	8/12/2021 12:00:00 PM	Total Coliform	n/a	=	10462	MPN/100 mL	MMO-MUG	10	10	FGL	
MO-THO	2021-DRY	Dry	8/11/2021 10:10:00 AM	8/23/2021 6:15:00 PM	Calcium	Total	=	63.6	mg/L	EPA 200.7	0.16	0.5	WKL	
MO-THO	2021-DRY	Dry	8/11/2021 10:10:00 AM	8/23/2021 6:15:00 PM	Magnesium	Total	=	36.3	mg/L	EPA 200.7	0.039	0.5	WKL	
MO-THO	2021-DRY	Dry	8/11/2021 10:10:00 AM	8/11/2021 10:10:00 AM	Conductivity	n/a	=	1476	µmhos/cm	Field Meter	-88	1	Field Crew	
MO-THO	2021-DRY	Dry	8/11/2021 10:10:00 AM	8/11/2021 10:10:00 AM	Discharge	n/a	=	0.2	cfs	Field Estimate	-88	-88	Field Crew	EST
MO-THO	2021-DRY	Dry	8/11/2021 10:10:00 AM	8/11/2021 10:10:00 AM	DO	n/a	=	5.24	mg/L	Field Meter	-88	0.3	Field Crew	
MO-THO	2021-DRY	Dry	8/11/2021 10:10:00 AM	8/11/2021 10:10:00 AM	DO	n/a	=	65.5	%	Field Meter	-88	0.1	Field Crew	
MO-THO	2021-DRY	Dry	8/11/2021 10:10:00 AM	8/23/2021 6:15:00 PM	Hardness as CaCO3	Total	=	308	mg/L	EPA 200.7	0.56	3.31	WKL	
MO-THO	2021-DRY	Dry	8/11/2021 10:10:00 AM	8/11/2021 10:10:00 AM	pH	n/a	=	8.15	pH Units	Field Meter	-88	0.01	Field Crew	
MO-THO	2021-DRY	Dry	8/11/2021 10:10:00 AM	8/11/2021 10:10:00 AM	Salinity	n/a	=	800	mg/L	Field Meter	-88	100	Field Crew	
MO-THO	2021-DRY	Dry	8/11/2021 10:10:00 AM	8/11/2021 10:10:00 AM	Specific Conductance	n/a	=	1600	µmhos/cm	Field Meter	-88	1	Field Crew	
MO-THO	2021-DRY	Dry	8/11/2021 10:10:00 AM	8/11/2021 10:10:00 AM	Temperature	n/a	=	23.8	°C	Field Meter	-88	0.1	Field Crew	
MO-THO	2021-DRY	Dry	8/11/2021 10:10:00 AM	9/2/2021 7:08:00 PM	Total Organic Carbon	n/a	=	8.2	mg/L	SM 5310 B	0.19	0.3	WKL	
MO-THO	2021-DRY	Dry	8/11/2021 10:10:00 AM	8/11/2021 10:10:00 AM	Turbidity	n/a	=	1.98	NTU	Field Meter	-88	0.01	Field Crew	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-THO	2021-DRY	Dry	8/11/2021 10:10:00 AM	8/26/2021 6:43:00 PM	Copper	Dissolved	=	1.6	µg/L	EPA 200.8	0.23	0.5	WKL	
MO-THO	2021-DRY	Dry	8/11/2021 10:10:00 AM	8/26/2021 6:43:00 PM	Lead	Dissolved	DNQ	0.13	µg/L	EPA 200.8	0.083	0.2	WKL	
MO-THO	2021-DRY	Dry	8/11/2021 10:10:00 AM	8/26/2021 6:43:00 PM	Zinc	Dissolved	=	99	µg/L	EPA 200.8	0.8	10	WKL	
MO-VEN	2020/21-1	Wet	12/28/2020 8:15:00 AM	12/29/2020 12:00:00 PM	E. Coli	n/a	=	19863	MPN/100 mL	MMO-MUG	10	100	VCHCA	
MO-VEN	2020/21-1	Wet	12/28/2020 8:15:00 AM	12/29/2020 12:00:00 PM	Total Coliform	n/a	=	3230	MPN/100 mL	MMO-MUG	100	100	VCHCA	
MO-VEN	2020/21-1	Wet	12/28/2020 8:15:00 AM	12/28/2020 8:15:00 AM	Conductivity	n/a	=	249.2	µmhos/cm	Field Meter	-88	1	Field Crew	
MO-VEN	2020/21-1	Wet	12/28/2020 8:15:00 AM	1/5/2021 2:47:00 PM	Cyanide	Total	=	0.0054	mg/L	ASTM D7511	0.0003	0.002	WKL	
MO-VEN	2020/21-1	Wet	12/28/2020 8:15:00 AM	12/28/2020 8:15:00 AM	DO	n/a	=	9.36	mg/L	Field Meter	-88	0.3	Field Crew	
MO-VEN	2020/21-1	Wet	12/28/2020 8:15:00 AM	12/28/2020 8:15:00 AM	DO	n/a	=	85.4	%	Field Meter	-88	0.1	Field Crew	
MO-VEN	2020/21-1	Wet	12/28/2020 8:15:00 AM	12/28/2020 8:15:00 AM	pH	n/a	=	7.94	pH Units	Field Meter	-88	0.01	Field Crew	
MO-VEN	2020/21-1	Wet	12/28/2020 8:15:00 AM	12/28/2020 8:15:00 AM	Salinity	n/a	=	200	mg/L	Field Meter	-88	100	Field Crew	
MO-VEN	2020/21-1	Wet	12/28/2020 8:15:00 AM	12/28/2020 8:15:00 AM	Specific Conductance	n/a	=	336.6	µmhos/cm	Field Meter	-88	1	Field Crew	
MO-VEN	2020/21-1	Wet	12/28/2020 8:15:00 AM	12/28/2020 8:15:00 AM	Temperature	n/a	=	11.4	°C	Field Meter	-88	0.1	Field Crew	
MO-VEN	2020/21-1	Wet	12/28/2020 8:15:00 AM	1/3/2021 8:24:00 PM	Gasoline Range Organics	n/a	<	0.065	mg/L	LUFT GC/MS	0.065	0.1	WKL	
MO-VEN	2020/21-1	Wet	12/28/2020 8:15:00 AM	1/8/2021 6:25:00 PM	Oil and Grease	n/a	DNQ	1.4	mg/L	EPA 1664B	0.7	5	WKL	
MO-VEN	2020/21-1	Wet	12/28/2020 8:15:00 AM	12/29/2020 4:20:00 PM	2-Chloroethyl vinyl ether	n/a	<	0.19	µg/L	EPA 624.1	0.19	1	WKL	
MO-VEN	2020/21-1	Wet	12/28/2020 8:15:00 AM	12/29/2020 4:20:00 PM	Methyl tert-butyl ether (MTBE)	n/a	<	0.4	µg/L	EPA 624.1	0.4	1	WKL	
MO-VEN	2020/21-1	Wet	12/28/2020 1:16:00 PM	12/30/2020 3:21:00 AM	Chloride	n/a	=	15	mg/L	EPA 300.0	0.42	2.5	WKL	
MO-VEN	2020/21-1	Wet	12/28/2020 1:16:00 PM	12/30/2020 3:21:00 AM	Fluoride	n/a	DNQ	0.26	mg/L	EPA 300.0	0.045	0.5	WKL	
MO-VEN	2020/21-1	Wet	12/28/2020 1:16:00 PM	12/30/2020 11:24:00 PM	Perchlorate	n/a	<	0.84	µg/L	EPA 314.0	0.84	2	WKL	
MO-VEN	2020/21-1	Wet	12/28/2020 1:16:00 PM	1/2/2021 12:56:00 PM	Calcium	Total	=	19	mg/L	EPA 200.7	0.016	0.1	WKL	
MO-VEN	2020/21-1	Wet	12/28/2020 1:16:00 PM	1/2/2021 12:56:00 PM	Magnesium	Total	=	5.84	mg/L	EPA 200.7	0.012	0.1	WKL	
MO-VEN	2020/21-1	Wet	12/28/2020 1:16:00 PM	1/4/2021 12:36:00 PM	Alkalinity as CaCO3	n/a	=	44	mg/L	SM 2320 B	0.56	5	WKL	
MO-VEN	2020/21-1	Wet	12/28/2020 1:16:00 PM	1/3/2021 12:17:00 PM	BOD	n/a	=	33	mg/L	SM 5210 B	2	2	WKL	
MO-VEN	2020/21-1	Wet	12/28/2020 1:16:00 PM	12/30/2020 12:40:00 PM	COD	n/a	=	150	mg/L	EPA 410.4	2.9	5	WKL	
MO-VEN	2020/21-1	Wet	12/28/2020 1:16:00 PM	1/2/2021 12:56:00 PM	Hardness as CaCO3	Total	=	71.4	mg/L	EPA 200.7	0.0894	0.662	WKL	
MO-VEN	2020/21-1	Wet	12/28/2020 1:16:00 PM	12/29/2020 3:17:00 PM	MBAS	n/a	=	0.16	mg/L	SM 5540 C	0.017	0.05	WKL	
MO-VEN	2020/21-1	Wet	12/28/2020 1:16:00 PM	1/8/2021 11:45:00 AM	Phenolics	n/a	=	0.013	mg/L	EPA 420.4	0.0032	0.01	WKL	
MO-VEN	2020/21-1	Wet	12/28/2020 1:16:00 PM	1/5/2021 12:48:00 PM	Specific Conductance	n/a	=	220	µmhos/cm	SM 2510 B	0.23	2	WKL	
MO-VEN	2020/21-1	Wet	12/28/2020 1:16:00 PM	12/30/2020 6:44:00 PM	Total Dissolved Solids	n/a	=	180	mg/L	SM 2540 C	4	10	WKL	
MO-VEN	2020/21-1	Wet	12/28/2020 1:16:00 PM	12/30/2020 2:24:00 PM	Total Organic Carbon	n/a	=	35	mg/L	SM 5310 B	0.096	0.3	WKL	
MO-VEN	2020/21-1	Wet	12/28/2020 1:16:00 PM	12/30/2020 12:43:00 PM	Total Suspended Solids	n/a	=	390	mg/L	SM 2540 D	-88	5	WKL	
MO-VEN	2020/21-1	Wet	12/28/2020 1:16:00 PM	12/29/2020 3:34:00 PM	Turbidity	n/a	=	30	NTU	EPA 180.1	0.017	0.1	WKL	
MO-VEN	2020/21-1	Wet	12/28/2020 1:16:00 PM	12/30/2020 12:43:00 PM	Volatile Suspended Solids	n/a	=	100	mg/L	EPA 160.4	3.1	5	WKL	
MO-VEN	2020/21-1	Wet	12/28/2020 1:16:00 PM	1/12/2021 2:02:00 PM	Diesel Range Organics	n/a	=	0.75	mg/L	EPA 8015B	0.032	0.1	WKL	
MO-VEN	2020/21-1	Wet	12/28/2020 1:16:00 PM	1/12/2021 2:02:00 PM	Oil Range Organics	n/a	<	0.33	mg/L	EPA 8015B	0.33	0.5	WKL	
MO-VEN	2020/21-1	Wet	12/28/2020 1:16:00 PM	1/4/2021 1:02:00 PM	Aluminum	Dissolved	=	35	µg/L	EPA 200.8	4.4	20	WKL	
MO-VEN	2020/21-1	Wet	12/28/2020 1:16:00 PM	1/4/2021 1:05:00 PM	Aluminum	Total	=	4500	µg/L	EPA 200.8	4.4	20	WKL	
MO-VEN	2020/21-1	Wet	12/28/2020 1:16:00 PM	1/4/2021 1:02:00 PM	Antimony	Dissolved	=	0.95	µg/L	EPA 200.8	0.089	0.5	WKL	
MO-VEN	2020/21-1	Wet	12/28/2020 1:16:00 PM	1/4/2021 1:05:00 PM	Antimony	Total	=	2.7	µg/L	EPA 200.8	0.089	0.5	WKL	
MO-VEN	2020/21-1	Wet	12/28/2020 1:16:00 PM	1/4/2021 1:02:00 PM	Arsenic	Dissolved	=	1.1	µg/L	EPA 200.8	0.074	0.4	WKL	
MO-VEN	2020/21-1	Wet	12/28/2020 1:16:00 PM	1/4/2021 1:05:00 PM	Arsenic	Total	=	3.4	µg/L	EPA 200.8	0.074	0.4	WKL	
MO-VEN	2020/21-1	Wet	12/28/2020 1:16:00 PM	1/4/2021 1:05:00 PM	Barium	Total	=	92	µg/L	EPA 200.8	0.14	1	WKL	
MO-VEN	2020/21-1	Wet	12/28/2020 1:16:00 PM	1/4/2021 1:02:00 PM	Beryllium	Dissolved	<	0.062	µg/L	EPA 200.8	0.062	0.1	WKL	
MO-VEN	2020/21-1	Wet	12/28/2020 1:16:00 PM	1/4/2021 1:05:00 PM	Beryllium	Total	=	0.18	µg/L	EPA 200.8	0.062	0.1	WKL	
MO-VEN	2020/21-1	Wet	12/28/2020 1:16:00 PM	1/4/2021 1:02:00 PM	Cadmium	Dissolved	DNQ	0.1	µg/L	EPA 200.8	0.042	0.2	WKL	
MO-VEN	2020/21-1	Wet	12/28/2020 1:16:00 PM	1/4/2021 1:05:00 PM	Cadmium	Total	=	0.52	µg/L	EPA 200.8	0.042	0.2	WKL	
MO-VEN	2020/21-1	Wet	12/28/2020 1:16:00 PM	1/4/2021 1:02:00 PM	Chromium	Dissolved	=	1.2	µg/L	EPA 200.8	0.089	0.2	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-VEN	2020/21-1	Wet	12/28/2020 1:16:00 PM	1/4/2021 1:05:00 PM	Chromium	Total	=	12	µg/L	EPA 200.8	0.089	0.2	WKL	
MO-VEN	2020/21-1	Wet	12/28/2020 1:16:00 PM	12/30/2020 3:35:00 PM	Chromium VI	n/a	=	0.72	µg/L	EPA 218.6	0.0079	0.02	WKL	
MO-VEN	2020/21-1	Wet	12/28/2020 1:16:00 PM	1/4/2021 1:02:00 PM	Copper	Dissolved	=	23	µg/L	EPA 200.8	0.23	0.5	WKL	
MO-VEN	2020/21-1	Wet	12/28/2020 1:16:00 PM	1/4/2021 1:05:00 PM	Copper	Total	=	77	µg/L	EPA 200.8	0.23	0.5	WKL	
MO-VEN	2020/21-1	Wet	12/28/2020 1:16:00 PM	1/4/2021 1:02:00 PM	Iron	Dissolved	=	82	µg/L	EPA 200.8	3.9	20	WKL	
MO-VEN	2020/21-1	Wet	12/28/2020 1:16:00 PM	1/4/2021 1:05:00 PM	Iron	Total	=	7500	µg/L	EPA 200.8	3.9	20	WKL	
MO-VEN	2020/21-1	Wet	12/28/2020 1:16:00 PM	1/4/2021 1:02:00 PM	Lead	Dissolved	=	1.5	µg/L	EPA 200.8	0.083	0.2	WKL	
MO-VEN	2020/21-1	Wet	12/28/2020 1:16:00 PM	1/4/2021 1:05:00 PM	Lead	Total	=	25	µg/L	EPA 200.8	0.083	0.2	WKL	
MO-VEN	2020/21-1	Wet	12/28/2020 1:16:00 PM	1/5/2021 2:22:00 PM	Mercury	Dissolved	<	17	ng/L	EPA 245.1	17	50	WKL	
MO-VEN	2020/21-1	Wet	12/28/2020 1:16:00 PM	1/5/2021 2:24:00 PM	Mercury	Total	DNQ	24	ng/L	EPA 245.1	17	50	WKL	
MO-VEN	2020/21-1	Wet	12/28/2020 1:16:00 PM	1/4/2021 1:02:00 PM	Nickel	Dissolved	=	4.7	µg/L	EPA 200.8	0.16	2	WKL	
MO-VEN	2020/21-1	Wet	12/28/2020 1:16:00 PM	1/4/2021 1:05:00 PM	Nickel	Total	=	15	µg/L	EPA 200.8	0.16	2	WKL	
MO-VEN	2020/21-1	Wet	12/28/2020 1:16:00 PM	1/4/2021 1:02:00 PM	Selenium	Dissolved	=	0.57	µg/L	EPA 200.8	0.067	0.4	WKL	
MO-VEN	2020/21-1	Wet	12/28/2020 1:16:00 PM	1/4/2021 1:05:00 PM	Selenium	Total	=	0.88	µg/L	EPA 200.8	0.067	0.4	WKL	
MO-VEN	2020/21-1	Wet	12/28/2020 1:16:00 PM	1/4/2021 1:02:00 PM	Silver	Dissolved	DNQ	0.093	µg/L	EPA 200.8	0.03	0.2	WKL	
MO-VEN	2020/21-1	Wet	12/28/2020 1:16:00 PM	1/4/2021 1:05:00 PM	Silver	Total	DNQ	0.13	µg/L	EPA 200.8	0.03	0.2	WKL	
MO-VEN	2020/21-1	Wet	12/28/2020 1:16:00 PM	1/4/2021 1:02:00 PM	Thallium	Dissolved	<	0.021	µg/L	EPA 200.8	0.021	0.2	WKL	
MO-VEN	2020/21-1	Wet	12/28/2020 1:16:00 PM	1/4/2021 1:05:00 PM	Thallium	Total	DNQ	0.082	µg/L	EPA 200.8	0.021	0.2	WKL	
MO-VEN	2020/21-1	Wet	12/28/2020 1:16:00 PM	1/4/2021 1:02:00 PM	Zinc	Dissolved	=	93	µg/L	EPA 200.8	0.8	10	WKL	
MO-VEN	2020/21-1	Wet	12/28/2020 1:16:00 PM	1/4/2021 1:05:00 PM	Zinc	Total	=	310	µg/L	EPA 200.8	0.8	10	WKL	
MO-VEN	2020/21-1	Wet	12/28/2020 1:16:00 PM	12/29/2020 5:54:00 PM	Ammonia as N	n/a	=	0.7	mg/L	EPA 350.1	0.047	0.1	WKL	
MO-VEN	2020/21-1	Wet	12/28/2020 1:16:00 PM	12/29/2020 12:44:00 PM	Nitrate + Nitrite as N	n/a	=	1.1	mg/L	EPA 353.2	0.036	0.2	WKL	
MO-VEN	2020/21-1	Wet	12/28/2020 1:16:00 PM	1/2/2021 12:53:00 PM	Phosphorus as P	Dissolved	=	0.32	mg/L	EPA 200.7	0.012	0.02	WKL	
MO-VEN	2020/21-1	Wet	12/28/2020 1:16:00 PM	1/2/2021 12:56:00 PM	Phosphorus as P	Total	=	0.97	mg/L	EPA 200.7	0.012	0.02	WKL	
MO-VEN	2020/21-1	Wet	12/28/2020 1:16:00 PM	12/31/2020 1:31:00 PM	TKN	n/a	=	3.7	mg/L	EPA 351.2	0.26	0.4	WKL	
MO-VEN	2020/21-1	Wet	12/28/2020 1:16:00 PM	2/2/2021 10:28:00 PM	1,2,4-Trichlorobenzene	n/a	<	4.9	µg/L	EPA 625.1	4.9	10	WKL	
MO-VEN	2020/21-1	Wet	12/28/2020 1:16:00 PM	2/2/2021 10:28:00 PM	1,2-Dichlorobenzene	n/a	<	4.6	µg/L	EPA 625.1	4.6	10	WKL	
MO-VEN	2020/21-1	Wet	12/28/2020 1:16:00 PM	2/2/2021 10:28:00 PM	1,2-Diphenylhydrazine	n/a	<	3	µg/L	EPA 625.1	3	10	WKL	
MO-VEN	2020/21-1	Wet	12/28/2020 1:16:00 PM	2/2/2021 10:28:00 PM	1,3-Dichlorobenzene	n/a	<	4.2	µg/L	EPA 625.1	4.2	10	WKL	
MO-VEN	2020/21-1	Wet	12/28/2020 1:16:00 PM	2/2/2021 10:28:00 PM	1,4-Dichlorobenzene	n/a	<	4.8	µg/L	EPA 625.1	4.8	10	WKL	
MO-VEN	2020/21-1	Wet	12/28/2020 1:16:00 PM	1/30/2021 9:15:00 PM	1-Methylnaphthalene	n/a	<	0.24	µg/L	EPA 8270C	0.24	1	WKL	
MO-VEN	2020/21-1	Wet	12/28/2020 1:16:00 PM	2/2/2021 2:38:00 AM	2,4,5-Trichlorophenol	n/a	<	2.9	µg/L	EPA 8270C	2.9	10	WKL	
MO-VEN	2020/21-1	Wet	12/28/2020 1:16:00 PM	2/2/2021 10:28:00 PM	2,4,6-Trichlorophenol	n/a	<	2.2	µg/L	EPA 625.1	2.2	10	WKL	
MO-VEN	2020/21-1	Wet	12/28/2020 1:16:00 PM	2/2/2021 2:38:00 AM	2,4,6-Trichlorophenol	n/a	<	3	µg/L	EPA 8270C	3	10	WKL	
MO-VEN	2020/21-1	Wet	12/28/2020 1:16:00 PM	2/2/2021 10:28:00 PM	2,4-Dichlorophenol	n/a	<	2.6	µg/L	EPA 625.1	2.6	10	WKL	
MO-VEN	2020/21-1	Wet	12/28/2020 1:16:00 PM	2/2/2021 2:38:00 AM	2,4-Dichlorophenol	n/a	<	5.1	µg/L	EPA 8270C	5.1	10	WKL	
MO-VEN	2020/21-1	Wet	12/28/2020 1:16:00 PM	2/2/2021 10:28:00 PM	2,4-Dimethylphenol	n/a	<	3	µg/L	EPA 625.1	3	10	WKL	
MO-VEN	2020/21-1	Wet	12/28/2020 1:16:00 PM	2/2/2021 2:38:00 AM	2,4-Dimethylphenol	n/a	<	10	µg/L	EPA 8270C	10	20	WKL	LB-LCSR
MO-VEN	2020/21-1	Wet	12/28/2020 1:16:00 PM	2/2/2021 10:28:00 PM	2,4-Dinitrophenol	n/a	<	19	µg/L	EPA 625.1	19	100	WKL	
MO-VEN	2020/21-1	Wet	12/28/2020 1:16:00 PM	2/2/2021 2:38:00 AM	2,4-Dinitrophenol	n/a	<	10	µg/L	EPA 8270C	10	20	WKL	
MO-VEN	2020/21-1	Wet	12/28/2020 1:16:00 PM	2/2/2021 10:28:00 PM	2,4-Dinitrotoluene	n/a	<	1.8	µg/L	EPA 625.1	1.8	10	WKL	
MO-VEN	2020/21-1	Wet	12/28/2020 1:16:00 PM	2/2/2021 10:28:00 PM	2,6-Dinitrotoluene	n/a	<	2.7	µg/L	EPA 625.1	2.7	10	WKL	
MO-VEN	2020/21-1	Wet	12/28/2020 1:16:00 PM	2/2/2021 10:28:00 PM	2-Chloronaphthalene	n/a	<	4.5	µg/L	EPA 625.1	4.5	10	WKL	
MO-VEN	2020/21-1	Wet	12/28/2020 1:16:00 PM	2/2/2021 10:28:00 PM	2-Chlorophenol	n/a	<	2.8	µg/L	EPA 625.1	2.8	10	WKL	
MO-VEN	2020/21-1	Wet	12/28/2020 1:16:00 PM	2/2/2021 2:38:00 AM	2-Chlorophenol	n/a	<	6.5	µg/L	EPA 8270C	6.5	10	WKL	
MO-VEN	2020/21-1	Wet	12/28/2020 1:16:00 PM	1/30/2021 9:15:00 PM	2-Methylnaphthalene	n/a	<	0.26	µg/L	EPA 8270C	0.26	1	WKL	
MO-VEN	2020/21-1	Wet	12/28/2020 1:16:00 PM	2/2/2021 2:38:00 AM	2-Methylphenol	n/a	<	3.4	µg/L	EPA 8270C	3.4	10	WKL	
MO-VEN	2020/21-1	Wet	12/28/2020 1:16:00 PM	2/2/2021 2:38:00 AM	2-Nitrophenol	n/a	<	7.1	µg/L	EPA 8270C	7.1	10	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-VEN	2020/21-1	Wet	12/28/2020 1:16:00 PM	2/2/2021 10:28:00 PM	2-Nitrophenol	n/a	<	2.6	µg/L	EPA 625.1	2.6	10	WKL	
MO-VEN	2020/21-1	Wet	12/28/2020 1:16:00 PM	2/2/2021 10:28:00 PM	3,3'-Dichlorobenzidine	n/a	<	9.9	µg/L	EPA 625.1	9.9	50	WKL	
MO-VEN	2020/21-1	Wet	12/28/2020 1:16:00 PM	2/2/2021 2:38:00 AM	3-/4-Methylphenol	n/a	<	3	µg/L	EPA 8270C	3	10	WKL	
MO-VEN	2020/21-1	Wet	12/28/2020 1:16:00 PM	2/2/2021 2:38:00 AM	4,6-Dinitro-2-methylphenol	n/a	<	1.4	µg/L	EPA 8270C	1.4	10	WKL	
MO-VEN	2020/21-1	Wet	12/28/2020 1:16:00 PM	2/2/2021 10:28:00 PM	4,6-Dinitro-2-methylphenol	n/a	<	14	µg/L	EPA 625.1	14	50	WKL	
MO-VEN	2020/21-1	Wet	12/28/2020 1:16:00 PM	2/2/2021 10:28:00 PM	4-Bromophenyl phenyl ether	n/a	<	3.6	µg/L	EPA 625.1	3.6	10	WKL	
MO-VEN	2020/21-1	Wet	12/28/2020 1:16:00 PM	2/2/2021 10:28:00 PM	4-Chloro-3-methylphenol	n/a	<	2.3	µg/L	EPA 625.1	2.3	10	WKL	
MO-VEN	2020/21-1	Wet	12/28/2020 1:16:00 PM	2/2/2021 2:38:00 AM	4-Chloro-3-methylphenol	n/a	<	3.7	µg/L	EPA 8270C	3.7	10	WKL	
MO-VEN	2020/21-1	Wet	12/28/2020 1:16:00 PM	2/2/2021 10:28:00 PM	4-Chlorophenyl phenyl ether	n/a	<	4.1	µg/L	EPA 625.1	4.1	10	WKL	
MO-VEN	2020/21-1	Wet	12/28/2020 1:16:00 PM	2/2/2021 10:28:00 PM	4-Nitrophenol	n/a	<	12	µg/L	EPA 625.1	12	50	WKL	
MO-VEN	2020/21-1	Wet	12/28/2020 1:16:00 PM	2/2/2021 2:38:00 AM	4-Nitrophenol	n/a	<	10	µg/L	EPA 8270C	10	20	WKL	
MO-VEN	2020/21-1	Wet	12/28/2020 1:16:00 PM	1/30/2021 9:15:00 PM	Acenaphthene	n/a	<	0.28	µg/L	EPA 8270C	0.28	1	WKL	
MO-VEN	2020/21-1	Wet	12/28/2020 1:16:00 PM	2/2/2021 10:28:00 PM	Acenaphthene	n/a	<	3.8	µg/L	EPA 625.1	3.8	10	WKL	
MO-VEN	2020/21-1	Wet	12/28/2020 1:16:00 PM	1/30/2021 9:15:00 PM	Acenaphthylene	n/a	<	0.33	µg/L	EPA 8270C	0.33	1	WKL	
MO-VEN	2020/21-1	Wet	12/28/2020 1:16:00 PM	2/2/2021 10:28:00 PM	Acenaphthylene	n/a	<	1.7	µg/L	EPA 625.1	1.7	10	WKL	
MO-VEN	2020/21-1	Wet	12/28/2020 1:16:00 PM	1/30/2021 9:15:00 PM	Anthracene	n/a	<	0.25	µg/L	EPA 8270C	0.25	1	WKL	
MO-VEN	2020/21-1	Wet	12/28/2020 1:16:00 PM	2/2/2021 10:28:00 PM	Anthracene	n/a	<	1.2	µg/L	EPA 625.1	1.2	10	WKL	
MO-VEN	2020/21-1	Wet	12/28/2020 1:16:00 PM	2/2/2021 10:28:00 PM	Benz(a)anthracene	n/a	<	1.9	µg/L	EPA 625.1	1.9	10	WKL	
MO-VEN	2020/21-1	Wet	12/28/2020 1:16:00 PM	1/30/2021 9:15:00 PM	Benz(a)anthracene	n/a	<	0.51	µg/L	EPA 8270C	0.51	1	WKL	
MO-VEN	2020/21-1	Wet	12/28/2020 1:16:00 PM	2/2/2021 10:28:00 PM	Benzdine	n/a	<	14	µg/L	EPA 625.1	14	100	WKL	
MO-VEN	2020/21-1	Wet	12/28/2020 1:16:00 PM	1/16/2021 3:26:00 AM	Benzo(a)pyrene	n/a	<	1	µg/L	EPA 525.2	1	5	WKL	
MO-VEN	2020/21-1	Wet	12/28/2020 1:16:00 PM	1/30/2021 9:15:00 PM	Benzo(a)pyrene	n/a	DNQ	0.54	µg/L	EPA 8270C	0.51	1	WKL	
MO-VEN	2020/21-1	Wet	12/28/2020 1:16:00 PM	2/2/2021 10:28:00 PM	Benzo(a)pyrene	n/a	<	3.9	µg/L	EPA 625.1	3.9	10	WKL	
MO-VEN	2020/21-1	Wet	12/28/2020 1:16:00 PM	1/30/2021 9:15:00 PM	Benzo(b)fluoranthene	n/a	DNQ	0.58	µg/L	EPA 8270C	0.27	1	WKL	
MO-VEN	2020/21-1	Wet	12/28/2020 1:16:00 PM	2/2/2021 10:28:00 PM	Benzo(b)fluoranthene	n/a	<	4.6	µg/L	EPA 625.1	4.6	10	WKL	
MO-VEN	2020/21-1	Wet	12/28/2020 1:16:00 PM	2/2/2021 10:28:00 PM	Benzo(g,h,i)perylene	n/a	<	4.2	µg/L	EPA 625.1	4.2	20	WKL	
MO-VEN	2020/21-1	Wet	12/28/2020 1:16:00 PM	1/30/2021 9:15:00 PM	Benzo(g,h,i)perylene	n/a	DNQ	0.54	µg/L	EPA 8270C	0.5	1	WKL	
MO-VEN	2020/21-1	Wet	12/28/2020 1:16:00 PM	2/2/2021 10:28:00 PM	Benzo(k)fluoranthene	n/a	<	2.2	µg/L	EPA 625.1	2.2	10	WKL	
MO-VEN	2020/21-1	Wet	12/28/2020 1:16:00 PM	1/30/2021 9:15:00 PM	Benzo(k)fluoranthene	n/a	DNQ	0.51	µg/L	EPA 8270C	0.26	1	WKL	
MO-VEN	2020/21-1	Wet	12/28/2020 1:16:00 PM	2/2/2021 10:28:00 PM	Bis(2-chloroethoxy)methane	n/a	<	2.5	µg/L	EPA 625.1	2.5	10	WKL	
MO-VEN	2020/21-1	Wet	12/28/2020 1:16:00 PM	2/2/2021 10:28:00 PM	Bis(2-chloroethyl)ether	n/a	<	2.7	µg/L	EPA 625.1	2.7	10	WKL	
MO-VEN	2020/21-1	Wet	12/28/2020 1:16:00 PM	2/2/2021 10:28:00 PM	Bis(2-chloroisopropyl)ether	n/a	<	3.8	µg/L	EPA 625.1	3.8	10	WKL	
MO-VEN	2020/21-1	Wet	12/28/2020 1:16:00 PM	1/16/2021 3:26:00 AM	Bis(2-ethylhexyl)adipate	n/a	DNQ	17	µg/L	EPA 525.2	6	250	WKL	UL-MB
MO-VEN	2020/21-1	Wet	12/28/2020 1:16:00 PM	2/2/2021 10:28:00 PM	Bis(2-ethylhexyl)phthalate	n/a	<	23	µg/L	EPA 625.1	23	50	WKL	
MO-VEN	2020/21-1	Wet	12/28/2020 1:16:00 PM	1/16/2021 3:26:00 AM	Bis(2-ethylhexyl)phthalate	n/a	DNQ	20	µg/L	EPA 525.2	20	150	WKL	
MO-VEN	2020/21-1	Wet	12/28/2020 1:16:00 PM	2/2/2021 10:28:00 PM	Butyl benzyl phthalate	n/a	DNQ	4.1	µg/L	EPA 625.1	1.8	10	WKL	
MO-VEN	2020/21-1	Wet	12/28/2020 1:16:00 PM	1/30/2021 9:15:00 PM	Chrysene	n/a	<	0.32	µg/L	EPA 8270C	0.32	1	WKL	
MO-VEN	2020/21-1	Wet	12/28/2020 1:16:00 PM	2/2/2021 10:28:00 PM	Chrysene	n/a	<	1.9	µg/L	EPA 625.1	1.9	10	WKL	
MO-VEN	2020/21-1	Wet	12/28/2020 1:16:00 PM	2/2/2021 10:28:00 PM	Dibenz(a,h)anthracene	n/a	<	5.3	µg/L	EPA 625.1	5.3	20	WKL	
MO-VEN	2020/21-1	Wet	12/28/2020 1:16:00 PM	1/30/2021 9:15:00 PM	Dibenz(a,h)anthracene	n/a	<	0.96	µg/L	EPA 8270C	0.96	1	WKL	
MO-VEN	2020/21-1	Wet	12/28/2020 1:16:00 PM	2/2/2021 10:28:00 PM	Diethyl phthalate	n/a	<	1.5	µg/L	EPA 625.1	1.5	10	WKL	
MO-VEN	2020/21-1	Wet	12/28/2020 1:16:00 PM	2/2/2021 10:28:00 PM	Dimethyl phthalate	n/a	<	1.8	µg/L	EPA 625.1	1.8	10	WKL	
MO-VEN	2020/21-1	Wet	12/28/2020 1:16:00 PM	2/2/2021 10:28:00 PM	Di-n-butylphthalate	n/a	<	1	µg/L	EPA 625.1	1	10	WKL	
MO-VEN	2020/21-1	Wet	12/28/2020 1:16:00 PM	2/2/2021 10:28:00 PM	Di-n-octylphthalate	n/a	<	4.6	µg/L	EPA 625.1	4.6	10	WKL	
MO-VEN	2020/21-1	Wet	12/28/2020 1:16:00 PM	2/2/2021 10:28:00 PM	Fluoranthene	n/a	<	0.8	µg/L	EPA 625.1	0.8	10	WKL	
MO-VEN	2020/21-1	Wet	12/28/2020 1:16:00 PM	1/30/2021 9:15:00 PM	Fluoranthene	n/a	DNQ	0.49	µg/L	EPA 8270C	0.39	1	WKL	
MO-VEN	2020/21-1	Wet	12/28/2020 1:16:00 PM	1/30/2021 9:15:00 PM	Fluorene	n/a	<	0.29	µg/L	EPA 8270C	0.29	1	WKL	
MO-VEN	2020/21-1	Wet	12/28/2020 1:16:00 PM	2/2/2021 10:28:00 PM	Fluorene	n/a	<	3.5	µg/L	EPA 625.1	3.5	10	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-VEN	2020/21-1	Wet	12/28/2020 1:16:00 PM	2/2/2021 10:28:00 PM	Hexachlorobenzene	n/a	<	4.9	µg/L	EPA 625.1	4.9	10	WKL	
MO-VEN	2020/21-1	Wet	12/28/2020 1:16:00 PM	2/2/2021 10:28:00 PM	Hexachlorobutadiene	n/a	<	4.7	µg/L	EPA 625.1	4.7	10	WKL	
MO-VEN	2020/21-1	Wet	12/28/2020 1:16:00 PM	2/2/2021 10:28:00 PM	Hexachlorocyclopentadiene	n/a	<	9.8	µg/L	EPA 625.1	9.8	50	WKL	
MO-VEN	2020/21-1	Wet	12/28/2020 1:16:00 PM	2/2/2021 10:28:00 PM	Hexachloroethane	n/a	<	5	µg/L	EPA 625.1	5	10	WKL	
MO-VEN	2020/21-1	Wet	12/28/2020 1:16:00 PM	2/2/2021 10:28:00 PM	Indeno(1,2,3-cd)pyrene	n/a	<	5.5	µg/L	EPA 625.1	5.5	20	WKL	
MO-VEN	2020/21-1	Wet	12/28/2020 1:16:00 PM	1/30/2021 9:15:00 PM	Indeno(1,2,3-cd)pyrene	n/a	<	0.65	µg/L	EPA 8270C	0.65	1	WKL	
MO-VEN	2020/21-1	Wet	12/28/2020 1:16:00 PM	2/2/2021 10:28:00 PM	Isophorone	n/a	<	2.1	µg/L	EPA 625.1	2.1	10	WKL	
MO-VEN	2020/21-1	Wet	12/28/2020 1:16:00 PM	2/2/2021 10:28:00 PM	Naphthalene	n/a	<	4.9	µg/L	EPA 625.1	4.9	10	WKL	
MO-VEN	2020/21-1	Wet	12/28/2020 1:16:00 PM	1/30/2021 9:15:00 PM	Naphthalene	n/a	<	0.26	µg/L	EPA 8270C	0.26	1	WKL	
MO-VEN	2020/21-1	Wet	12/28/2020 1:16:00 PM	2/2/2021 10:28:00 PM	Nitrobenzene	n/a	<	3.6	µg/L	EPA 625.1	3.6	10	WKL	
MO-VEN	2020/21-1	Wet	12/28/2020 1:16:00 PM	2/2/2021 10:28:00 PM	N-Nitrosodimethylamine	n/a	<	5	µg/L	EPA 625.1	5	10	WKL	
MO-VEN	2020/21-1	Wet	12/28/2020 1:16:00 PM	2/2/2021 10:28:00 PM	N-Nitrosodi-N-propylamine	n/a	<	2.6	µg/L	EPA 625.1	2.6	10	WKL	
MO-VEN	2020/21-1	Wet	12/28/2020 1:16:00 PM	2/2/2021 10:28:00 PM	N-Nitrosodiphenylamine	n/a	<	1.9	µg/L	EPA 625.1	1.9	10	WKL	
MO-VEN	2020/21-1	Wet	12/28/2020 1:16:00 PM	2/2/2021 10:28:00 PM	Phenanthrene	n/a	<	3.2	µg/L	EPA 625.1	3.2	10	WKL	
MO-VEN	2020/21-1	Wet	12/28/2020 1:16:00 PM	1/30/2021 9:15:00 PM	Phenanthrene	n/a	<	0.29	µg/L	EPA 8270C	0.29	1	WKL	
MO-VEN	2020/21-1	Wet	12/28/2020 1:16:00 PM	2/2/2021 10:28:00 PM	Phenol	n/a	<	1.6	µg/L	EPA 625.1	1.6	10	WKL	
MO-VEN	2020/21-1	Wet	12/28/2020 1:16:00 PM	2/2/2021 2:38:00 AM	Phenol	n/a	<	3.5	µg/L	EPA 8270C	3.5	10	WKL	
MO-VEN	2020/21-1	Wet	12/28/2020 1:16:00 PM	1/30/2021 9:15:00 AM	Pyrene	n/a	DNQ	0.46	µg/L	EPA 8270C	0.4	1	WKL	
MO-VEN	2020/21-1	Wet	12/28/2020 1:16:00 PM	2/2/2021 10:28:00 PM	Pyrene	n/a	<	2.5	µg/L	EPA 625.1	2.5	10	WKL	
MO-VEN	2020/21-1	Wet	12/28/2020 1:16:00 PM	1/14/2021 2:24:00 AM	PCB Aroclor 1016	n/a	<	10	µg/L	EPA 608.3	10	10	WKL	
MO-VEN	2020/21-1	Wet	12/28/2020 1:16:00 PM	1/14/2021 2:24:00 AM	PCB Aroclor 1221	n/a	<	10	µg/L	EPA 608.3	10	10	WKL	
MO-VEN	2020/21-1	Wet	12/28/2020 1:16:00 PM	1/14/2021 2:24:00 AM	PCB Aroclor 1232	n/a	<	10	µg/L	EPA 608.3	10	10	WKL	
MO-VEN	2020/21-1	Wet	12/28/2020 1:16:00 PM	1/14/2021 2:24:00 AM	PCB Aroclor 1242	n/a	<	10	µg/L	EPA 608.3	10	10	WKL	
MO-VEN	2020/21-1	Wet	12/28/2020 1:16:00 PM	1/14/2021 2:24:00 AM	PCB Aroclor 1248	n/a	<	10	µg/L	EPA 608.3	10	10	WKL	
MO-VEN	2020/21-1	Wet	12/28/2020 1:16:00 PM	1/14/2021 2:24:00 AM	PCB Aroclor 1254	n/a	<	10	µg/L	EPA 608.3	10	10	WKL	
MO-VEN	2020/21-1	Wet	12/28/2020 1:16:00 PM	1/14/2021 2:24:00 AM	PCB Aroclor 1260	n/a	<	10	µg/L	EPA 608.3	10	10	WKL	
MO-VEN	2020/21-1	Wet	12/28/2020 1:16:00 PM	1/10/2021 6:44:00 AM	2,4,5-T	n/a	<	0.55	µg/L	EPA 515.4	0.55	2	WKL	
MO-VEN	2020/21-1	Wet	12/28/2020 1:16:00 PM	1/10/2021 6:44:00 AM	2,4,5-TP	n/a	<	0.46	µg/L	EPA 515.4	0.46	2	WKL	
MO-VEN	2020/21-1	Wet	12/28/2020 1:16:00 PM	1/10/2021 6:44:00 AM	2,4-D	n/a	<	1.4	µg/L	EPA 515.4	1.4	4	WKL	
MO-VEN	2020/21-1	Wet	12/28/2020 1:16:00 PM	1/10/2021 6:44:00 AM	2,4-DB	n/a	<	1.9	µg/L	EPA 515.4	1.9	20	WKL	
MO-VEN	2020/21-1	Wet	12/28/2020 1:16:00 PM	1/10/2021 6:44:00 AM	3,5-Dichlorobenzoic acid	n/a	<	1.2	µg/L	EPA 515.4	1.2	10	WKL	
MO-VEN	2020/21-1	Wet	12/28/2020 1:16:00 PM	1/14/2021 2:24:00 AM	4,4'-DDD	n/a	<	0.014	µg/L	EPA 608.3	0.014	1	WKL	
MO-VEN	2020/21-1	Wet	12/28/2020 1:16:00 PM	1/14/2021 2:24:00 AM	4,4'-DDE	n/a	DNQ	0.093	µg/L	EPA 608.3	0.014	1	WKL	
MO-VEN	2020/21-1	Wet	12/28/2020 1:16:00 PM	1/14/2021 2:24:00 AM	4,4'-DDT	n/a	<	0.1	µg/L	EPA 608.3	0.1	0.2	WKL	
MO-VEN	2020/21-1	Wet	12/28/2020 1:16:00 PM	1/10/2021 6:44:00 AM	Acifluorfen	n/a	<	0.72	µg/L	EPA 515.4	0.72	4	WKL	
MO-VEN	2020/21-1	Wet	12/28/2020 1:16:00 PM	1/16/2021 3:26:00 AM	Alachlor	n/a	<	1.5	µg/L	EPA 525.2	1.5	5	WKL	
MO-VEN	2020/21-1	Wet	12/28/2020 1:16:00 PM	1/14/2021 2:24:00 AM	Aldrin	n/a	<	0.02	µg/L	EPA 608.3	0.02	0.1	WKL	
MO-VEN	2020/21-1	Wet	12/28/2020 1:16:00 PM	1/14/2021 2:24:00 AM	alpha-BHC	n/a	<	0.022	µg/L	EPA 608.3	0.022	0.2	WKL	
MO-VEN	2020/21-1	Wet	12/28/2020 1:16:00 PM	1/14/2021 2:24:00 AM	alpha-Chlordane	n/a	<	0.058	µg/L	EPA 608.3	0.058	0.2	WKL	
MO-VEN	2020/21-1	Wet	12/28/2020 1:16:00 PM	1/16/2021 3:26:00 AM	Atrazine	n/a	<	1.5	µg/L	EPA 525.2	1.5	5	WKL	
MO-VEN	2020/21-1	Wet	12/28/2020 1:16:00 PM	1/20/2021 2:58:00 AM	Azinphos methyl	n/a	<	0.28	µg/L	EPA 625.1m	0.28	0.5	WKL	
MO-VEN	2020/21-1	Wet	12/28/2020 1:16:00 PM	1/10/2021 6:44:00 AM	Bentazon	n/a	<	2.3	µg/L	EPA 515.4	2.3	20	WKL	
MO-VEN	2020/21-1	Wet	12/28/2020 1:16:00 PM	1/14/2021 2:24:00 AM	beta-BHC	n/a	<	0.03	µg/L	EPA 608.3	0.03	0.1	WKL	
MO-VEN	2020/21-1	Wet	12/28/2020 1:16:00 PM	1/20/2021 2:58:00 AM	Bolstar	n/a	<	0.23	µg/L	EPA 625.1m	0.23	0.5	WKL	
MO-VEN	2020/21-1	Wet	12/28/2020 1:16:00 PM	1/16/2021 3:26:00 AM	Bromacil	n/a	DNQ	13	µg/L	EPA 525.2	8	25	WKL	
MO-VEN	2020/21-1	Wet	12/28/2020 1:16:00 PM	1/16/2021 3:26:00 AM	Butachlor	n/a	<	1.5	µg/L	EPA 525.2	1.5	5	WKL	
MO-VEN	2020/21-1	Wet	12/28/2020 1:16:00 PM	1/16/2021 3:26:00 AM	Captan	n/a	<	8	µg/L	EPA 525.2	8	50	WKL	
MO-VEN	2020/21-1	Wet	12/28/2020 1:16:00 PM	1/14/2021 2:24:00 AM	Chlordane (technical)	n/a	<	2	µg/L	EPA 608.3	2	2	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-VEN	2020/21-1	Wet	12/28/2020 1:16:00 PM	1/16/2021 3:26:00 AM	Chloroprotham	n/a	<	2	µg/L	EPA 525.2	2	5	WKL	
MO-VEN	2020/21-1	Wet	12/28/2020 1:16:00 PM	1/20/2021 2:58:00 AM	Chlorpyrifos	n/a	<	0.34	µg/L	EPA 625.1m	0.34	0.5	WKL	
MO-VEN	2020/21-1	Wet	12/28/2020 1:16:00 PM	1/20/2021 2:58:00 AM	Coumaphos	n/a	<	0.26	µg/L	EPA 625.1m	0.26	0.5	WKL	
MO-VEN	2020/21-1	Wet	12/28/2020 1:16:00 PM	1/16/2021 3:26:00 AM	Cyanazine	n/a	<	2	µg/L	EPA 525.2	2	5	WKL	
MO-VEN	2020/21-1	Wet	12/28/2020 1:16:00 PM	1/10/2021 6:44:00 AM	Dalapon	n/a	<	1.1	µg/L	EPA 515.4	1.1	4	WKL	
MO-VEN	2020/21-1	Wet	12/28/2020 1:16:00 PM	1/10/2021 6:44:00 AM	DCPA (Dacthal)	n/a	<	0.53	µg/L	EPA 515.4	0.53	1	WKL	
MO-VEN	2020/21-1	Wet	12/28/2020 1:16:00 PM	1/14/2021 2:24:00 AM	delta-BHC	n/a	<	0.1	µg/L	EPA 608.3	0.1	0.1	WKL	
MO-VEN	2020/21-1	Wet	12/28/2020 1:16:00 PM	1/20/2021 2:58:00 AM	Demeton-O	n/a	<	0.5	µg/L	EPA 625.1m	0.5	0.5	WKL	-LCSRPD, LB-L
MO-VEN	2020/21-1	Wet	12/28/2020 1:16:00 PM	1/20/2021 2:58:00 AM	Demeton-S	n/a	<	0.5	µg/L	EPA 625.1m	0.5	0.5	WKL	
MO-VEN	2020/21-1	Wet	12/28/2020 1:16:00 PM	1/16/2021 3:26:00 AM	Diazinon	n/a	<	2.5	µg/L	EPA 525.2	2.5	5	WKL	
MO-VEN	2020/21-1	Wet	12/28/2020 1:16:00 PM	1/20/2021 2:58:00 AM	Diazinon	n/a	<	0.26	µg/L	EPA 625.1m	0.26	0.5	WKL	EST-LCSRPD
MO-VEN	2020/21-1	Wet	12/28/2020 1:16:00 PM	1/10/2021 6:44:00 AM	Dicamba	n/a	<	0.75	µg/L	EPA 515.4	0.75	6	WKL	
MO-VEN	2020/21-1	Wet	12/28/2020 1:16:00 PM	1/10/2021 6:44:00 AM	Dichlorprop	n/a	<	1.2	µg/L	EPA 515.4	1.2	3	WKL	
MO-VEN	2020/21-1	Wet	12/28/2020 1:16:00 PM	1/20/2021 2:58:00 AM	Dichlorvos	n/a	<	0.14	µg/L	EPA 625.1m	0.14	0.5	WKL	
MO-VEN	2020/21-1	Wet	12/28/2020 1:16:00 PM	1/14/2021 2:24:00 AM	Dieldrin	n/a	<	0.1	µg/L	EPA 608.3	0.1	0.2	WKL	
MO-VEN	2020/21-1	Wet	12/28/2020 1:16:00 PM	1/16/2021 3:26:00 AM	Dimethoate	n/a	<	1	µg/L	EPA 525.2	1	10	WKL	LB-LCSR
MO-VEN	2020/21-1	Wet	12/28/2020 1:16:00 PM	1/20/2021 2:58:00 AM	Dimethoate	n/a	<	0.31	µg/L	EPA 625.1m	0.31	0.5	WKL	
MO-VEN	2020/21-1	Wet	12/28/2020 1:16:00 PM	1/10/2021 6:44:00 AM	Dinoseb	n/a	<	0.55	µg/L	EPA 515.4	0.55	4	WKL	
MO-VEN	2020/21-1	Wet	12/28/2020 1:16:00 PM	1/16/2021 3:26:00 AM	Diphenamid	n/a	<	1.5	µg/L	EPA 525.2	1.5	5	WKL	
MO-VEN	2020/21-1	Wet	12/28/2020 1:16:00 PM	1/20/2021 2:58:00 AM	Disulfoton	n/a	<	0.5	µg/L	EPA 625.1m	0.5	0.5	WKL	
MO-VEN	2020/21-1	Wet	12/28/2020 1:16:00 PM	1/16/2021 3:26:00 AM	Disulfoton	n/a	<	2	µg/L	EPA 525.2	2	5	WKL	
MO-VEN	2020/21-1	Wet	12/28/2020 1:16:00 PM	1/14/2021 2:24:00 AM	Endosulfan I	n/a	<	0.018	µg/L	EPA 608.3	0.018	0.4	WKL	
MO-VEN	2020/21-1	Wet	12/28/2020 1:16:00 PM	1/14/2021 2:24:00 AM	Endosulfan II	n/a	<	0.014	µg/L	EPA 608.3	0.014	0.2	WKL	
MO-VEN	2020/21-1	Wet	12/28/2020 1:16:00 PM	1/14/2021 2:24:00 AM	Endosulfan sulfate	n/a	<	0.026	µg/L	EPA 608.3	0.026	1	WKL	
MO-VEN	2020/21-1	Wet	12/28/2020 1:16:00 PM	1/14/2021 2:24:00 AM	Endrin	n/a	<	0.034	µg/L	EPA 608.3	0.034	0.2	WKL	
MO-VEN	2020/21-1	Wet	12/28/2020 1:16:00 PM	1/14/2021 2:24:00 AM	Endrin aldehyde	n/a	<	0.038	µg/L	EPA 608.3	0.038	0.2	WKL	
MO-VEN	2020/21-1	Wet	12/28/2020 1:16:00 PM	1/16/2021 3:26:00 AM	EPTC	n/a	<	1	µg/L	EPA 525.2	1	5	WKL	
MO-VEN	2020/21-1	Wet	12/28/2020 1:16:00 PM	1/20/2021 2:58:00 AM	Ethoprop	n/a	<	0.34	µg/L	EPA 625.1m	0.34	0.5	WKL	
MO-VEN	2020/21-1	Wet	12/28/2020 1:16:00 PM	1/20/2021 2:58:00 AM	Ethyl parathion	n/a	<	0.27	µg/L	EPA 625.1m	0.27	0.5	WKL	EST-LCSRPD
MO-VEN	2020/21-1	Wet	12/28/2020 1:16:00 PM	1/20/2021 2:58:00 AM	Fensulfothion	n/a	<	0.14	µg/L	EPA 625.1m	0.14	0.5	WKL	
MO-VEN	2020/21-1	Wet	12/28/2020 1:16:00 PM	1/20/2021 2:58:00 AM	Fenthion	n/a	<	0.19	µg/L	EPA 625.1m	0.19	0.5	WKL	
MO-VEN	2020/21-1	Wet	12/28/2020 1:16:00 PM	1/14/2021 2:24:00 AM	gamma-BHC (Lindane)	n/a	<	0.008	µg/L	EPA 608.3	0.008	0.4	WKL	
MO-VEN	2020/21-1	Wet	12/28/2020 1:16:00 PM	1/14/2021 2:24:00 AM	gamma-Chlordane	n/a	<	0.046	µg/L	EPA 608.3	0.046	0.2	WKL	
MO-VEN	2020/21-1	Wet	12/28/2020 1:16:00 PM	12/30/2020 3:08:00 AM	Glyphosate	n/a	DNQ	17	µg/L	EPA 547	9	25	WKL	
MO-VEN	2020/21-1	Wet	12/28/2020 1:16:00 PM	1/14/2021 2:24:00 AM	Heptachlor	n/a	<	0.012	µg/L	EPA 608.3	0.012	0.2	WKL	
MO-VEN	2020/21-1	Wet	12/28/2020 1:16:00 PM	1/14/2021 2:24:00 AM	Heptachlor epoxide	n/a	<	0.008	µg/L	EPA 608.3	0.008	0.2	WKL	
MO-VEN	2020/21-1	Wet	12/28/2020 1:16:00 PM	1/20/2021 2:58:00 AM	Malathion	n/a	<	0.38	µg/L	EPA 625.1m	0.38	0.5	WKL	
MO-VEN	2020/21-1	Wet	12/28/2020 1:16:00 PM	1/20/2021 2:58:00 AM	Merphos	n/a	<	0.29	µg/L	EPA 625.1m	0.29	0.5	WKL	
MO-VEN	2020/21-1	Wet	12/28/2020 1:16:00 PM	1/20/2021 2:58:00 AM	Methyl parathion	n/a	<	0.32	µg/L	EPA 625.1m	0.32	0.5	WKL	
MO-VEN	2020/21-1	Wet	12/28/2020 1:16:00 PM	1/16/2021 3:26:00 AM	Metolachlor	n/a	<	1.5	µg/L	EPA 525.2	1.5	5	WKL	
MO-VEN	2020/21-1	Wet	12/28/2020 1:16:00 PM	1/16/2021 3:26:00 AM	Metribuzin	n/a	<	1.5	µg/L	EPA 525.2	1.5	5	WKL	
MO-VEN	2020/21-1	Wet	12/28/2020 1:16:00 PM	1/20/2021 2:58:00 AM	Mevinphos	n/a	<	0.21	µg/L	EPA 625.1m	0.21	0.5	WKL	
MO-VEN	2020/21-1	Wet	12/28/2020 1:16:00 PM	1/16/2021 3:26:00 AM	Molinate	n/a	<	1.5	µg/L	EPA 525.2	1.5	5	WKL	
MO-VEN	2020/21-1	Wet	12/28/2020 1:16:00 PM	1/20/2021 2:58:00 AM	Naled	n/a	<	0.38	µg/L	EPA 625.1m	0.38	0.5	WKL	
MO-VEN	2020/21-1	Wet	12/28/2020 1:16:00 PM	2/2/2021 10:28:00 PM	Pentachlorophenol	n/a	<	4	µg/L	EPA 625.1	4	10	WKL	
MO-VEN	2020/21-1	Wet	12/28/2020 1:16:00 PM	1/10/2021 6:44:00 AM	Pentachlorophenol	n/a	<	0.46	µg/L	EPA 515.4	0.46	2	WKL	
MO-VEN	2020/21-1	Wet	12/28/2020 1:16:00 PM	2/2/2021 2:38:00 AM	Pentachlorophenol	n/a	<	1.5	µg/L	EPA 8270C	1.5	10	WKL	
MO-VEN	2020/21-1	Wet	12/28/2020 1:16:00 PM	1/20/2021 2:58:00 AM	Phorate	n/a	<	0.15	µg/L	EPA 625.1m	0.15	0.5	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-VEN	2020/21-1	Wet	12/28/2020 1:16:00 PM	1/10/2021 6:44:00 AM	Picloram	n/a	<	0.38	µg/L	EPA 515.4	0.38	6	WKL	
MO-VEN	2020/21-1	Wet	12/28/2020 1:16:00 PM	1/16/2021 3:26:00 AM	Prometon	n/a	<	0.5	µg/L	EPA 525.2	0.5	5	WKL	EST-LCSRPD
MO-VEN	2020/21-1	Wet	12/28/2020 1:16:00 PM	1/16/2021 3:26:00 AM	Prometryn	n/a	<	1.5	µg/L	EPA 525.2	1.5	5	WKL	EST-LCSRPD
MO-VEN	2020/21-1	Wet	12/28/2020 1:16:00 PM	1/20/2021 2:58:00 AM	Ronnel (Fenclorophos)	n/a	<	0.2	µg/L	EPA 625.1m	0.2	0.5	WKL	
MO-VEN	2020/21-1	Wet	12/28/2020 1:16:00 PM	1/16/2021 3:26:00 AM	Simazine	n/a	<	1	µg/L	EPA 525.2	1	5	WKL	
MO-VEN	2020/21-1	Wet	12/28/2020 1:16:00 PM	1/20/2021 2:58:00 AM	Stirophos (Tetrachlorvinphos)	n/a	<	0.16	µg/L	EPA 625.1m	0.16	0.5	WKL	
MO-VEN	2020/21-1	Wet	12/28/2020 1:16:00 PM	1/16/2021 3:26:00 AM	Terbacil	n/a	<	4.5	µg/L	EPA 525.2	4.5	100	WKL	
MO-VEN	2020/21-1	Wet	12/28/2020 1:16:00 PM	1/16/2021 3:26:00 AM	Thiobencarb	n/a	<	1.5	µg/L	EPA 525.2	1.5	5	WKL	
MO-VEN	2020/21-1	Wet	12/28/2020 1:16:00 PM	1/20/2021 2:58:00 AM	Tokuthion	n/a	<	0.39	µg/L	EPA 625.1m	0.39	0.5	WKL	
MO-VEN	2020/21-1	Wet	12/28/2020 1:16:00 PM	1/14/2021 2:24:00 AM	Toxaphene	n/a	<	50	µg/L	EPA 608.3	50	50	WKL	
MO-VEN	2020/21-1	Wet	12/28/2020 1:16:00 PM	1/20/2021 2:58:00 AM	Trichloronate	n/a	<	0.34	µg/L	EPA 625.1m	0.34	0.5	WKL	
MO-VEN	2020/21-1	Wet	12/28/2020 1:16:00 PM	1/16/2021 3:26:00 AM	Trithion	n/a	<	1	µg/L	EPA 525.2	1	5	WKL	
MO-VEN	2020/21-2	Wet	1/28/2021 8:05:00 PM	1/28/2021 8:05:00 PM	Conductivity	n/a	*	67.3	µmhos/cm	Field Meter	-88	1	Field Crew	EST
MO-VEN	2020/21-2	Wet	1/28/2021 8:05:00 PM	2/9/2021 4:09:00 PM	Cyanide	Total	DNQ	0.0013	mg/L	ASTM D7511	0.0003	0.002	WKL	
MO-VEN	2020/21-2	Wet	1/28/2021 8:05:00 PM	1/28/2021 8:05:00 PM	DO	n/a	*	5.26	mg/L	Field Meter	-88	0.3	Field Crew	EST
MO-VEN	2020/21-2	Wet	1/28/2021 8:05:00 PM	1/28/2021 8:05:00 PM	DO	n/a	*	62.5	%	Field Meter	-88	0.1	Field Crew	EST
MO-VEN	2020/21-2	Wet	1/28/2021 8:05:00 PM	1/28/2021 8:05:00 PM	pH	n/a	*	7.39	pH Units	Field Meter	-88	0.01	Field Crew	EST
MO-VEN	2020/21-2	Wet	1/28/2021 8:05:00 PM	1/28/2021 8:05:00 PM	Salinity	n/a	<	100	mg/L	Field Meter	-88	100	Field Crew	EST
MO-VEN	2020/21-2	Wet	1/28/2021 8:05:00 PM	1/28/2021 8:05:00 PM	Specific Conductance	n/a	*	68.4	µmhos/cm	Field Meter	-88	1	Field Crew	EST
MO-VEN	2020/21-2	Wet	1/28/2021 8:05:00 PM	1/28/2021 8:05:00 PM	Temperature	n/a	*	11.1	°C	Field Meter	-88	0.1	Field Crew	EST
MO-VEN	2020/21-2	Wet	1/28/2021 8:05:00 PM	2/1/2021 8:46:00 AM	Gasoline Range Organics	n/a	<	0.065	mg/L	LUFT GC/MS	0.065	0.1	WKL	
MO-VEN	2020/21-2	Wet	1/28/2021 8:05:00 PM	2/16/2021 4:34:00 PM	Oil and Grease	n/a	DNQ	1.5	mg/L	EPA 1664B	0.7	5	WKL	
MO-VEN	2020/21-2	Wet	1/28/2021 8:05:00 PM	1/31/2021 2:52:00 PM	2-Chloroethyl vinyl ether	n/a	<	0.19	µg/L	EPA 624.1	0.19	1	WKL	
MO-VEN	2020/21-2	Wet	1/28/2021 8:05:00 PM	1/31/2021 2:52:00 PM	Methyl tert-butyl ether (MTBE)	n/a	<	0.4	µg/L	EPA 624.1	0.4	1	WKL	
MO-VEN	2020/21-2	Wet	1/29/2021 10:00:00 AM	2/3/2021 2:24:00 AM	Chloride	n/a	=	10	mg/L	EPA 300.0	0.17	1	WKL	
MO-VEN	2020/21-2	Wet	1/29/2021 10:00:00 AM	2/3/2021 2:24:00 AM	Fluoride	n/a	DNQ	0.12	mg/L	EPA 300.0	0.018	0.2	WKL	
MO-VEN	2020/21-2	Wet	1/29/2021 10:00:00 AM	2/3/2021 6:59:00 AM	Perchlorate	n/a	<	0.84	µg/L	EPA 314.0	0.84	2	WKL	
MO-VEN	2020/21-2	Wet	1/29/2021 10:00:00 AM	2/6/2021 5:25:00 PM	Calcium	Total	=	12.6	mg/L	EPA 200.7	0.016	0.1	WKL	
MO-VEN	2020/21-2	Wet	1/29/2021 10:00:00 AM	2/6/2021 5:25:00 PM	Magnesium	Total	=	3.74	mg/L	EPA 200.7	0.012	0.1	WKL	
MO-VEN	2020/21-2	Wet	1/29/2021 10:00:00 AM	2/4/2021 11:50:00 AM	Alkalinity as CaCO3	n/a	=	40	mg/L	SM 2320 B	0.56	5	WKL	
MO-VEN	2020/21-2	Wet	1/29/2021 10:00:00 AM	2/4/2021 5:16:00 PM	BOD	n/a	=	8.4	mg/L	SM 5210 B	2	2	WKL	
MO-VEN	2020/21-2	Wet	1/29/2021 10:00:00 AM	2/8/2021 12:22:00 PM	COD	n/a	=	77	mg/L	EPA 410.4	2.9	5	WKL	
MO-VEN	2020/21-2	Wet	1/29/2021 10:00:00 AM	2/6/2021 5:25:00 PM	Hardness as CaCO3	Total	=	46.9	mg/L	EPA 200.7	0.0894	0.662	WKL	
MO-VEN	2020/21-2	Wet	1/29/2021 10:00:00 AM	1/30/2021 5:50:00 PM	MBAS	n/a	=	0.11	mg/L	SM 5540 C	0.017	0.05	WKL	
MO-VEN	2020/21-2	Wet	1/29/2021 10:00:00 AM	2/5/2021 1:15:00 PM	Phenolics	n/a	=	0.078	mg/L	EPA 420.4	0.0032	0.01	WKL	
MO-VEN	2020/21-2	Wet	1/29/2021 10:00:00 AM	2/3/2021 1:30:00 PM	Specific Conductance	n/a	=	170	µmhos/cm	SM 2510 B	0.23	2	WKL	
MO-VEN	2020/21-2	Wet	1/29/2021 10:00:00 AM	2/5/2021 8:00:00 AM	Total Dissolved Solids	n/a	=	130	mg/L	SM 2540 C	4	10	WKL	
MO-VEN	2020/21-2	Wet	1/29/2021 10:00:00 AM	2/5/2021 12:35:00 PM	Total Organic Carbon	n/a	=	14	mg/L	SM 5310 B	0.096	0.3	WKL	
MO-VEN	2020/21-2	Wet	1/29/2021 10:00:00 AM	2/5/2021 8:00:00 AM	Total Suspended Solids	n/a	=	250	mg/L	SM 2540 D	-88	5	WKL	
MO-VEN	2020/21-2	Wet	1/29/2021 10:00:00 AM	1/29/2021 7:49:00 PM	Turbidity	n/a	=	42	NTU	EPA 180.1	0.085	0.5	WKL	
MO-VEN	2020/21-2	Wet	1/29/2021 10:00:00 AM	2/5/2021 8:00:00 AM	Volatile Suspended Solids	n/a	=	80	mg/L	EPA 160.4	3.1	5	WKL	
MO-VEN	2020/21-2	Wet	1/29/2021 10:00:00 AM	2/11/2021 9:54:00 PM	Diesel Range Organics	n/a	=	0.5	mg/L	EPA 8015B	0.032	0.1	WKL	
MO-VEN	2020/21-2	Wet	1/29/2021 10:00:00 AM	2/11/2021 9:54:00 PM	Oil Range Organics	n/a	=	1.2	mg/L	EPA 8015B	0.33	0.5	WKL	
MO-VEN	2020/21-2	Wet	1/29/2021 10:00:00 AM	2/9/2021 5:00:00 PM	Aluminum	Dissolved	=	30	µg/L	EPA 200.8	4.4	20	WKL	
MO-VEN	2020/21-2	Wet	1/29/2021 10:00:00 AM	2/9/2021 5:03:00 PM	Aluminum	Total	=	2900	µg/L	EPA 200.8	4.4	20	WKL	
MO-VEN	2020/21-2	Wet	1/29/2021 10:00:00 AM	2/9/2021 5:00:00 PM	Antimony	Dissolved	=	0.62	µg/L	EPA 200.8	0.089	0.5	WKL	
MO-VEN	2020/21-2	Wet	1/29/2021 10:00:00 AM	2/9/2021 5:03:00 PM	Antimony	Total	=	1.3	µg/L	EPA 200.8	0.089	0.5	WKL	
MO-VEN	2020/21-2	Wet	1/29/2021 10:00:00 AM	2/9/2021 5:00:00 PM	Arsenic	Dissolved	=	0.9	µg/L	EPA 200.8	0.074	0.4	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-VEN	2020/21-2	Wet	1/29/2021 10:00:00 AM	2/9/2021 5:03:00 PM	Arsenic	Total	=	2.2	µg/L	EPA 200.8	0.074	0.4	WKL	
MO-VEN	2020/21-2	Wet	1/29/2021 10:00:00 AM	2/9/2021 5:03:00 PM	Barium	Total	=	45	µg/L	EPA 200.8	0.14	1	WKL	
MO-VEN	2020/21-2	Wet	1/29/2021 10:00:00 AM	2/9/2021 5:00:00 PM	Beryllium	Dissolved	<	0.062	µg/L	EPA 200.8	0.062	0.1	WKL	
MO-VEN	2020/21-2	Wet	1/29/2021 10:00:00 AM	2/9/2021 5:03:00 PM	Beryllium	Total	=	0.11	µg/L	EPA 200.8	0.062	0.1	WKL	
MO-VEN	2020/21-2	Wet	1/29/2021 10:00:00 AM	2/9/2021 5:00:00 PM	Cadmium	Dissolved	DNQ	0.047	µg/L	EPA 200.8	0.042	0.2	WKL	
MO-VEN	2020/21-2	Wet	1/29/2021 10:00:00 AM	2/9/2021 5:03:00 PM	Cadmium	Total	=	0.25	µg/L	EPA 200.8	0.042	0.2	WKL	
MO-VEN	2020/21-2	Wet	1/29/2021 10:00:00 AM	2/9/2021 5:00:00 PM	Chromium	Dissolved	=	0.85	µg/L	EPA 200.8	0.089	0.2	WKL	
MO-VEN	2020/21-2	Wet	1/29/2021 10:00:00 AM	2/9/2021 5:03:00 PM	Chromium	Total	=	6.3	µg/L	EPA 200.8	0.089	0.2	WKL	
MO-VEN	2020/21-2	Wet	1/29/2021 10:00:00 AM	2/3/2021 2:19:00 PM	Chromium VI	n/a	=	0.69	µg/L	EPA 218.6	0.0079	0.02	WKL	
MO-VEN	2020/21-2	Wet	1/29/2021 10:00:00 AM	2/9/2021 5:00:00 PM	Copper	Dissolved	=	11	µg/L	EPA 200.8	0.23	0.5	WKL	
MO-VEN	2020/21-2	Wet	1/29/2021 10:00:00 AM	2/9/2021 5:03:00 PM	Copper	Total	=	37	µg/L	EPA 200.8	0.23	0.5	WKL	
MO-VEN	2020/21-2	Wet	1/29/2021 10:00:00 AM	2/9/2021 5:00:00 PM	Iron	Dissolved	=	62	µg/L	EPA 200.8	3.9	20	WKL	
MO-VEN	2020/21-2	Wet	1/29/2021 10:00:00 AM	2/9/2021 5:03:00 PM	Iron	Total	=	4300	µg/L	EPA 200.8	3.9	20	WKL	
MO-VEN	2020/21-2	Wet	1/29/2021 10:00:00 AM	2/9/2021 5:00:00 PM	Lead	Dissolved	=	0.7	µg/L	EPA 200.8	0.083	0.2	WKL	
MO-VEN	2020/21-2	Wet	1/29/2021 10:00:00 AM	2/9/2021 5:03:00 PM	Lead	Total	=	12	µg/L	EPA 200.8	0.083	0.2	WKL	
MO-VEN	2020/21-2	Wet	1/29/2021 10:00:00 AM	2/8/2021 1:41:00 PM	Mercury	Dissolved	<	17	ng/L	EPA 245.1	17	50	WKL	
MO-VEN	2020/21-2	Wet	1/29/2021 10:00:00 AM	2/8/2021 1:43:00 PM	Mercury	Total	DNQ	25	ng/L	EPA 245.1	17	50	WKL	
MO-VEN	2020/21-2	Wet	1/29/2021 10:00:00 AM	2/9/2021 5:00:00 PM	Nickel	Dissolved	DNQ	1.9	µg/L	EPA 200.8	0.16	2	WKL	
MO-VEN	2020/21-2	Wet	1/29/2021 10:00:00 AM	2/9/2021 5:03:00 PM	Nickel	Total	=	7.1	µg/L	EPA 200.8	0.16	2	WKL	
MO-VEN	2020/21-2	Wet	1/29/2021 10:00:00 AM	2/9/2021 5:00:00 PM	Selenium	Dissolved	=	0.45	µg/L	EPA 200.8	0.067	0.4	WKL	
MO-VEN	2020/21-2	Wet	1/29/2021 10:00:00 AM	2/9/2021 5:03:00 PM	Selenium	Total	=	0.55	µg/L	EPA 200.8	0.067	0.4	WKL	
MO-VEN	2020/21-2	Wet	1/29/2021 10:00:00 AM	2/9/2021 5:00:00 PM	Silver	Dissolved	<	0.03	µg/L	EPA 200.8	0.03	0.2	WKL	
MO-VEN	2020/21-2	Wet	1/29/2021 10:00:00 AM	2/9/2021 5:03:00 PM	Silver	Total	DNQ	0.046	µg/L	EPA 200.8	0.03	0.2	WKL	
MO-VEN	2020/21-2	Wet	1/29/2021 10:00:00 AM	2/9/2021 5:00:00 PM	Thallium	Dissolved	<	0.021	µg/L	EPA 200.8	0.021	0.2	WKL	
MO-VEN	2020/21-2	Wet	1/29/2021 10:00:00 AM	2/9/2021 5:03:00 PM	Thallium	Total	DNQ	0.04	µg/L	EPA 200.8	0.021	0.2	WKL	
MO-VEN	2020/21-2	Wet	1/29/2021 10:00:00 AM	2/9/2021 5:00:00 PM	Zinc	Dissolved	=	40	µg/L	EPA 200.8	0.8	10	WKL	
MO-VEN	2020/21-2	Wet	1/29/2021 10:00:00 AM	2/9/2021 5:03:00 PM	Zinc	Total	=	140	µg/L	EPA 200.8	0.8	10	WKL	
MO-VEN	2020/21-2	Wet	1/29/2021 10:00:00 AM	2/12/2021 1:19:00 PM	Ammonia as N	n/a	=	0.27	mg/L	EPA 350.1	0.047	0.1	WKL	
MO-VEN	2020/21-2	Wet	1/29/2021 10:00:00 AM	1/30/2021 3:25:00 PM	Nitrate + Nitrite as N	n/a	=	0.68	mg/L	EPA 353.2	0.036	0.2	WKL	
MO-VEN	2020/21-2	Wet	1/29/2021 10:00:00 AM	2/6/2021 5:22:00 PM	Phosphorus as P	Dissolved	=	0.18	mg/L	EPA 200.7	0.012	0.02	WKL	
MO-VEN	2020/21-2	Wet	1/29/2021 10:00:00 AM	2/6/2021 5:25:00 PM	Phosphorus as P	Total	=	0.48	mg/L	EPA 200.7	0.012	0.02	WKL	
MO-VEN	2020/21-2	Wet	1/29/2021 10:00:00 AM	2/4/2021 4:54:00 PM	TKN	n/a	=	1.4	mg/L	EPA 351.2	0.13	0.2	WKL	
MO-VEN	2020/21-2	Wet	1/29/2021 10:00:00 AM	2/9/2021 8:57:00 PM	1,2,4-Trichlorobenzene	n/a	<	9.8	µg/L	EPA 625.1	9.8	20	WKL	
MO-VEN	2020/21-2	Wet	1/29/2021 10:00:00 AM	2/9/2021 8:57:00 PM	1,2-Dichlorobenzene	n/a	<	9.2	µg/L	EPA 625.1	9.2	20	WKL	
MO-VEN	2020/21-2	Wet	1/29/2021 10:00:00 AM	2/9/2021 8:57:00 PM	1,2-Diphenylhydrazine	n/a	<	6	µg/L	EPA 625.1	6	20	WKL	
MO-VEN	2020/21-2	Wet	1/29/2021 10:00:00 AM	2/9/2021 8:57:00 PM	1,3-Dichlorobenzene	n/a	<	8.4	µg/L	EPA 625.1	8.4	20	WKL	
MO-VEN	2020/21-2	Wet	1/29/2021 10:00:00 AM	2/9/2021 8:57:00 PM	1,4-Dichlorobenzene	n/a	<	9.6	µg/L	EPA 625.1	9.6	20	WKL	
MO-VEN	2020/21-2	Wet	1/29/2021 10:00:00 AM	2/27/2021 1:30:00 PM	1-Methylnaphthalene	n/a	<	0.48	µg/L	EPA 8270C	0.48	2	WKL	
MO-VEN	2020/21-2	Wet	1/29/2021 10:00:00 AM	3/5/2021 4:31:00 AM	2,4,5-Trichlorophenol	n/a	<	5.8	µg/L	EPA 8270C	5.8	20	WKL	
MO-VEN	2020/21-2	Wet	1/29/2021 10:00:00 AM	2/9/2021 8:57:00 PM	2,4,6-Trichlorophenol	n/a	<	4.4	µg/L	EPA 625.1	4.4	20	WKL	
MO-VEN	2020/21-2	Wet	1/29/2021 10:00:00 AM	3/5/2021 4:31:00 AM	2,4,6-Trichlorophenol	n/a	<	6	µg/L	EPA 8270C	6	20	WKL	
MO-VEN	2020/21-2	Wet	1/29/2021 10:00:00 AM	3/5/2021 4:31:00 AM	2,4-Dichlorophenol	n/a	<	10	µg/L	EPA 8270C	10	20	WKL	
MO-VEN	2020/21-2	Wet	1/29/2021 10:00:00 AM	2/9/2021 8:57:00 PM	2,4-Dichlorophenol	n/a	<	5.2	µg/L	EPA 625.1	5.2	20	WKL	
MO-VEN	2020/21-2	Wet	1/29/2021 10:00:00 AM	2/9/2021 8:57:00 PM	2,4-Dimethylphenol	n/a	<	6	µg/L	EPA 625.1	6	20	WKL	
MO-VEN	2020/21-2	Wet	1/29/2021 10:00:00 AM	3/5/2021 4:31:00 AM	2,4-Dimethylphenol	n/a	<	20	µg/L	EPA 8270C	20	40	WKL	
MO-VEN	2020/21-2	Wet	1/29/2021 10:00:00 AM	2/9/2021 8:57:00 PM	2,4-Dinitrophenol	n/a	<	37	µg/L	EPA 625.1	37	200	WKL	
MO-VEN	2020/21-2	Wet	1/29/2021 10:00:00 AM	3/5/2021 4:31:00 AM	2,4-Dinitrophenol	n/a	<	20	µg/L	EPA 8270C	20	40	WKL	
MO-VEN	2020/21-2	Wet	1/29/2021 10:00:00 AM	2/9/2021 8:57:00 PM	2,4-Dinitrotoluene	n/a	<	3.6	µg/L	EPA 625.1	3.6	20	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-VEN	2020/21-2	Wet	1/29/2021 10:00:00 AM	2/9/2021 8:57:00 PM	2,6-Dinitrotoluene	n/a	<	5.4	µg/L	EPA 625.1	5.4	20	WKL	
MO-VEN	2020/21-2	Wet	1/29/2021 10:00:00 AM	2/9/2021 8:57:00 PM	2-Chloronaphthalene	n/a	<	9	µg/L	EPA 625.1	9	20	WKL	
MO-VEN	2020/21-2	Wet	1/29/2021 10:00:00 AM	2/9/2021 8:57:00 PM	2-Chlorophenol	n/a	<	5.6	µg/L	EPA 625.1	5.6	20	WKL	
MO-VEN	2020/21-2	Wet	1/29/2021 10:00:00 AM	3/5/2021 4:31:00 AM	2-Chlorophenol	n/a	<	13	µg/L	EPA 8270C	13	20	WKL	
MO-VEN	2020/21-2	Wet	1/29/2021 10:00:00 AM	2/27/2021 1:30:00 PM	2-Methylnaphthalene	n/a	<	0.52	µg/L	EPA 8270C	0.52	2	WKL	
MO-VEN	2020/21-2	Wet	1/29/2021 10:00:00 AM	3/5/2021 4:31:00 AM	2-Methylphenol	n/a	<	6.8	µg/L	EPA 8270C	6.8	20	WKL	
MO-VEN	2020/21-2	Wet	1/29/2021 10:00:00 AM	2/9/2021 8:57:00 PM	2-Nitrophenol	n/a	<	5.2	µg/L	EPA 625.1	5.2	20	WKL	
MO-VEN	2020/21-2	Wet	1/29/2021 10:00:00 AM	3/5/2021 4:31:00 AM	2-Nitrophenol	n/a	<	14	µg/L	EPA 8270C	14	20	WKL	
MO-VEN	2020/21-2	Wet	1/29/2021 10:00:00 AM	2/9/2021 8:57:00 PM	3,3'-Dichlorobenzidine	n/a	<	20	µg/L	EPA 625.1	20	100	WKL	
MO-VEN	2020/21-2	Wet	1/29/2021 10:00:00 AM	3/5/2021 4:31:00 AM	3-/4-Methylphenol	n/a	<	6	µg/L	EPA 8270C	6	20	WKL	
MO-VEN	2020/21-2	Wet	1/29/2021 10:00:00 AM	2/9/2021 8:57:00 PM	4,6-Dinitro-2-methylphenol	n/a	<	28	µg/L	EPA 625.1	28	100	WKL	
MO-VEN	2020/21-2	Wet	1/29/2021 10:00:00 AM	3/5/2021 4:31:00 AM	4,6-Dinitro-2-methylphenol	n/a	<	2.8	µg/L	EPA 8270C	2.8	20	WKL	
MO-VEN	2020/21-2	Wet	1/29/2021 10:00:00 AM	2/9/2021 8:57:00 PM	4-Bromophenyl phenyl ether	n/a	<	7.2	µg/L	EPA 625.1	7.2	20	WKL	
MO-VEN	2020/21-2	Wet	1/29/2021 10:00:00 AM	3/5/2021 4:31:00 AM	4-Chloro-3-methylphenol	n/a	<	7.4	µg/L	EPA 8270C	7.4	20	WKL	
MO-VEN	2020/21-2	Wet	1/29/2021 10:00:00 AM	2/9/2021 8:57:00 PM	4-Chloro-3-methylphenol	n/a	<	4.6	µg/L	EPA 625.1	4.6	20	WKL	
MO-VEN	2020/21-2	Wet	1/29/2021 10:00:00 AM	2/9/2021 8:57:00 PM	4-Chlorophenyl phenyl ether	n/a	<	8.2	µg/L	EPA 625.1	8.2	20	WKL	
MO-VEN	2020/21-2	Wet	1/29/2021 10:00:00 AM	3/5/2021 4:31:00 AM	4-Nitrophenol	n/a	<	20	µg/L	EPA 8270C	20	40	WKL	
MO-VEN	2020/21-2	Wet	1/29/2021 10:00:00 AM	2/9/2021 8:57:00 PM	4-Nitrophenol	n/a	<	25	µg/L	EPA 625.1	25	100	WKL	
MO-VEN	2020/21-2	Wet	1/29/2021 10:00:00 AM	2/9/2021 8:57:00 PM	Acenaphthene	n/a	<	7.6	µg/L	EPA 625.1	7.6	20	WKL	
MO-VEN	2020/21-2	Wet	1/29/2021 10:00:00 AM	2/27/2021 1:30:00 PM	Acenaphthene	n/a	<	0.56	µg/L	EPA 8270C	0.56	2	WKL	
MO-VEN	2020/21-2	Wet	1/29/2021 10:00:00 AM	2/9/2021 8:57:00 PM	Acenaphthylene	n/a	<	3.4	µg/L	EPA 625.1	3.4	20	WKL	
MO-VEN	2020/21-2	Wet	1/29/2021 10:00:00 AM	2/27/2021 1:30:00 PM	Acenaphthylene	n/a	<	0.66	µg/L	EPA 8270C	0.66	2	WKL	
MO-VEN	2020/21-2	Wet	1/29/2021 10:00:00 AM	2/9/2021 8:57:00 PM	Anthracene	n/a	<	2.4	µg/L	EPA 625.1	2.4	20	WKL	
MO-VEN	2020/21-2	Wet	1/29/2021 10:00:00 AM	2/27/2021 1:30:00 PM	Anthracene	n/a	<	0.5	µg/L	EPA 8270C	0.5	2	WKL	
MO-VEN	2020/21-2	Wet	1/29/2021 10:00:00 AM	2/9/2021 8:57:00 PM	Benz(a)anthracene	n/a	<	3.8	µg/L	EPA 625.1	3.8	20	WKL	
MO-VEN	2020/21-2	Wet	1/29/2021 10:00:00 AM	2/27/2021 1:30:00 PM	Benz(a)anthracene	n/a	<	1	µg/L	EPA 8270C	1	2	WKL	
MO-VEN	2020/21-2	Wet	1/29/2021 10:00:00 AM	2/9/2021 8:57:00 PM	Benzidine	n/a	<	29	µg/L	EPA 625.1	29	200	WKL	
MO-VEN	2020/21-2	Wet	1/29/2021 10:00:00 AM	2/12/2021 7:46:00 AM	Benzo(a)pyrene	n/a	<	0.2	µg/L	EPA 525.2	0.2	1	WKL	
MO-VEN	2020/21-2	Wet	1/29/2021 10:00:00 AM	2/9/2021 8:57:00 PM	Benzo(a)pyrene	n/a	<	7.8	µg/L	EPA 625.1	7.8	20	WKL	
MO-VEN	2020/21-2	Wet	1/29/2021 10:00:00 AM	2/27/2021 1:30:00 PM	Benzo(a)pyrene	n/a	DNQ	1.7	µg/L	EPA 8270C	1	2	WKL	
MO-VEN	2020/21-2	Wet	1/29/2021 10:00:00 AM	2/9/2021 8:57:00 PM	Benzo(b)fluoranthene	n/a	<	9.2	µg/L	EPA 625.1	9.2	20	WKL	
MO-VEN	2020/21-2	Wet	1/29/2021 10:00:00 AM	2/27/2021 1:30:00 PM	Benzo(b)fluoranthene	n/a	DNQ	1.6	µg/L	EPA 8270C	0.54	2	WKL	
MO-VEN	2020/21-2	Wet	1/29/2021 10:00:00 AM	2/9/2021 8:57:00 PM	Benzo(g,h,i)perylene	n/a	<	8.4	µg/L	EPA 625.1	8.4	40	WKL	
MO-VEN	2020/21-2	Wet	1/29/2021 10:00:00 AM	2/27/2021 1:30:00 PM	Benzo(g,h,i)perylene	n/a	<	1	µg/L	EPA 8270C	1	2	WKL	
MO-VEN	2020/21-2	Wet	1/29/2021 10:00:00 AM	2/27/2021 1:30:00 PM	Benzo(k)fluoranthene	n/a	<	0.52	µg/L	EPA 8270C	0.52	2	WKL	
MO-VEN	2020/21-2	Wet	1/29/2021 10:00:00 AM	2/9/2021 8:57:00 PM	Benzo(k)fluoranthene	n/a	<	4.4	µg/L	EPA 625.1	4.4	20	WKL	
MO-VEN	2020/21-2	Wet	1/29/2021 10:00:00 AM	2/9/2021 8:57:00 PM	Bis(2-chloroethoxy)methane	n/a	<	5	µg/L	EPA 625.1	5	20	WKL	
MO-VEN	2020/21-2	Wet	1/29/2021 10:00:00 AM	2/9/2021 8:57:00 PM	Bis(2-chloroethyl)ether	n/a	<	5.4	µg/L	EPA 625.1	5.4	20	WKL	
MO-VEN	2020/21-2	Wet	1/29/2021 10:00:00 AM	2/9/2021 8:57:00 PM	Bis(2-chloroisopropyl)ether	n/a	<	7.6	µg/L	EPA 625.1	7.6	20	WKL	
MO-VEN	2020/21-2	Wet	1/29/2021 10:00:00 AM	2/12/2021 7:46:00 AM	Bis(2-ethylhexyl)adipate	n/a	<	1.2	µg/L	EPA 525.2	1.2	50	WKL	
MO-VEN	2020/21-2	Wet	1/29/2021 10:00:00 AM	2/12/2021 7:46:00 AM	Bis(2-ethylhexyl)phthalate	n/a	<	4.1	µg/L	EPA 525.2	4.1	30	WKL	
MO-VEN	2020/21-2	Wet	1/29/2021 10:00:00 AM	2/9/2021 8:57:00 PM	Bis(2-ethylhexyl)phthalate	n/a	<	46	µg/L	EPA 625.1	46	100	WKL	
MO-VEN	2020/21-2	Wet	1/29/2021 10:00:00 AM	2/9/2021 8:57:00 PM	Butyl benzyl phthalate	n/a	<	3.6	µg/L	EPA 625.1	3.6	20	WKL	
MO-VEN	2020/21-2	Wet	1/29/2021 10:00:00 AM	2/9/2021 8:57:00 PM	Chrysene	n/a	<	3.8	µg/L	EPA 625.1	3.8	20	WKL	
MO-VEN	2020/21-2	Wet	1/29/2021 10:00:00 AM	2/27/2021 1:30:00 PM	Chrysene	n/a	<	0.64	µg/L	EPA 8270C	0.64	2	WKL	
MO-VEN	2020/21-2	Wet	1/29/2021 10:00:00 AM	2/9/2021 8:57:00 PM	Dibenz(a,h)anthracene	n/a	<	11	µg/L	EPA 625.1	11	40	WKL	
MO-VEN	2020/21-2	Wet	1/29/2021 10:00:00 AM	2/27/2021 1:30:00 PM	Dibenz(a,h)anthracene	n/a	<	1.9	µg/L	EPA 8270C	1.9	2	WKL	
MO-VEN	2020/21-2	Wet	1/29/2021 10:00:00 AM	2/9/2021 8:57:00 PM	Diethyl phthalate	n/a	<	3	µg/L	EPA 625.1	3	20	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-VEN	2020/21-2	Wet	1/29/2021 10:00:00 AM	2/9/2021 8:57:00 PM	Dimethyl phthalate	n/a	<	3.6	µg/L	EPA 625.1	3.6	20	WKL	
MO-VEN	2020/21-2	Wet	1/29/2021 10:00:00 AM	2/9/2021 8:57:00 PM	Di-n-butylphthalate	n/a	<	2	µg/L	EPA 625.1	2	20	WKL	
MO-VEN	2020/21-2	Wet	1/29/2021 10:00:00 AM	2/9/2021 8:57:00 PM	Di-n-octylphthalate	n/a	<	9.2	µg/L	EPA 625.1	9.2	20	WKL	
MO-VEN	2020/21-2	Wet	1/29/2021 10:00:00 AM	2/9/2021 8:57:00 PM	Fluoranthene	n/a	<	1.6	µg/L	EPA 625.1	1.6	20	WKL	
MO-VEN	2020/21-2	Wet	1/29/2021 10:00:00 AM	2/27/2021 1:30:00 PM	Fluoranthene	n/a	<	0.78	µg/L	EPA 8270C	0.78	2	WKL	
MO-VEN	2020/21-2	Wet	1/29/2021 10:00:00 AM	2/9/2021 8:57:00 PM	Fluorene	n/a	<	7	µg/L	EPA 625.1	7	20	WKL	
MO-VEN	2020/21-2	Wet	1/29/2021 10:00:00 AM	2/27/2021 1:30:00 PM	Fluorene	n/a	<	0.58	µg/L	EPA 8270C	0.58	2	WKL	
MO-VEN	2020/21-2	Wet	1/29/2021 10:00:00 AM	2/9/2021 8:57:00 PM	Hexachlorobenzene	n/a	<	9.8	µg/L	EPA 625.1	9.8	20	WKL	
MO-VEN	2020/21-2	Wet	1/29/2021 10:00:00 AM	2/9/2021 8:57:00 PM	Hexachlorobutadiene	n/a	<	9.4	µg/L	EPA 625.1	9.4	20	WKL	
MO-VEN	2020/21-2	Wet	1/29/2021 10:00:00 AM	2/9/2021 8:57:00 PM	Hexachlorocyclopentadiene	n/a	<	20	µg/L	EPA 625.1	20	100	WKL	
MO-VEN	2020/21-2	Wet	1/29/2021 10:00:00 AM	2/9/2021 8:57:00 PM	Hexachloroethane	n/a	<	10	µg/L	EPA 625.1	10	20	WKL	
MO-VEN	2020/21-2	Wet	1/29/2021 10:00:00 AM	2/9/2021 8:57:00 PM	Indeno(1,2,3-cd)pyrene	n/a	<	11	µg/L	EPA 625.1	11	40	WKL	
MO-VEN	2020/21-2	Wet	1/29/2021 10:00:00 AM	2/27/2021 1:30:00 PM	Indeno(1,2,3-cd)pyrene	n/a	<	1.3	µg/L	EPA 8270C	1.3	2	WKL	
MO-VEN	2020/21-2	Wet	1/29/2021 10:00:00 AM	2/9/2021 8:57:00 PM	Isophorone	n/a	<	4.2	µg/L	EPA 625.1	4.2	20	WKL	
MO-VEN	2020/21-2	Wet	1/29/2021 10:00:00 AM	2/9/2021 8:57:00 PM	Naphthalene	n/a	<	9.8	µg/L	EPA 625.1	9.8	20	WKL	
MO-VEN	2020/21-2	Wet	1/29/2021 10:00:00 AM	2/27/2021 1:30:00 PM	Naphthalene	n/a	<	0.52	µg/L	EPA 8270C	0.52	2	WKL	
MO-VEN	2020/21-2	Wet	1/29/2021 10:00:00 AM	2/9/2021 8:57:00 PM	Nitrobenzene	n/a	<	7.2	µg/L	EPA 625.1	7.2	20	WKL	
MO-VEN	2020/21-2	Wet	1/29/2021 10:00:00 AM	2/9/2021 8:57:00 PM	N-Nitrosodimethylamine	n/a	<	10	µg/L	EPA 625.1	10	20	WKL	
MO-VEN	2020/21-2	Wet	1/29/2021 10:00:00 AM	2/9/2021 8:57:00 PM	N-Nitrosodi-N-propylamine	n/a	<	5.2	µg/L	EPA 625.1	5.2	20	WKL	
MO-VEN	2020/21-2	Wet	1/29/2021 10:00:00 AM	2/9/2021 8:57:00 PM	N-Nitrosodiphenylamine	n/a	<	3.8	µg/L	EPA 625.1	3.8	20	WKL	
MO-VEN	2020/21-2	Wet	1/29/2021 10:00:00 AM	2/9/2021 8:57:00 PM	Phenanthrene	n/a	<	6.4	µg/L	EPA 625.1	6.4	20	WKL	
MO-VEN	2020/21-2	Wet	1/29/2021 10:00:00 AM	2/27/2021 1:30:00 PM	Phenanthrene	n/a	<	0.58	µg/L	EPA 8270C	0.58	2	WKL	
MO-VEN	2020/21-2	Wet	1/29/2021 10:00:00 AM	2/9/2021 8:57:00 PM	Phenol	n/a	<	3.2	µg/L	EPA 625.1	3.2	20	WKL	
MO-VEN	2020/21-2	Wet	1/29/2021 10:00:00 AM	3/5/2021 4:31:00 AM	Phenol	n/a	<	7	µg/L	EPA 8270C	7	20	WKL	
MO-VEN	2020/21-2	Wet	1/29/2021 10:00:00 AM	2/9/2021 8:57:00 PM	Pyrene	n/a	<	5	µg/L	EPA 625.1	5	20	WKL	
MO-VEN	2020/21-2	Wet	1/29/2021 10:00:00 AM	2/27/2021 1:30:00 PM	Pyrene	n/a	<	0.8	µg/L	EPA 8270C	0.8	2	WKL	
MO-VEN	2020/21-2	Wet	1/29/2021 10:00:00 AM	2/16/2021 10:19:00 PM	PCB Aroclor 1016	n/a	<	5	µg/L	EPA 608.3	5	5	WKL	
MO-VEN	2020/21-2	Wet	1/29/2021 10:00:00 AM	2/16/2021 10:19:00 PM	PCB Aroclor 1221	n/a	<	5	µg/L	EPA 608.3	5	5	WKL	
MO-VEN	2020/21-2	Wet	1/29/2021 10:00:00 AM	2/16/2021 10:19:00 PM	PCB Aroclor 1232	n/a	<	5	µg/L	EPA 608.3	5	5	WKL	
MO-VEN	2020/21-2	Wet	1/29/2021 10:00:00 AM	2/16/2021 10:19:00 PM	PCB Aroclor 1242	n/a	<	5	µg/L	EPA 608.3	5	5	WKL	
MO-VEN	2020/21-2	Wet	1/29/2021 10:00:00 AM	2/16/2021 10:19:00 PM	PCB Aroclor 1248	n/a	<	5	µg/L	EPA 608.3	5	5	WKL	
MO-VEN	2020/21-2	Wet	1/29/2021 10:00:00 AM	2/16/2021 10:19:00 PM	PCB Aroclor 1254	n/a	<	5	µg/L	EPA 608.3	5	5	WKL	
MO-VEN	2020/21-2	Wet	1/29/2021 10:00:00 AM	2/16/2021 10:19:00 PM	PCB Aroclor 1260	n/a	<	5	µg/L	EPA 608.3	5	5	WKL	
MO-VEN	2020/21-2	Wet	1/29/2021 10:00:00 AM	2/13/2021 3:34:00 AM	2,4,5-T	n/a	<	0.55	µg/L	EPA 515.4	0.55	2	WKL	
MO-VEN	2020/21-2	Wet	1/29/2021 10:00:00 AM	2/13/2021 3:34:00 AM	2,4,5-TP	n/a	<	0.46	µg/L	EPA 515.4	0.46	2	WKL	
MO-VEN	2020/21-2	Wet	1/29/2021 10:00:00 AM	2/13/2021 3:34:00 AM	2,4-D	n/a	<	1.4	µg/L	EPA 515.4	1.4	4	WKL	
MO-VEN	2020/21-2	Wet	1/29/2021 10:00:00 AM	2/13/2021 3:34:00 AM	2,4-DB	n/a	<	1.9	µg/L	EPA 515.4	1.9	20	WKL	
MO-VEN	2020/21-2	Wet	1/29/2021 10:00:00 AM	2/13/2021 3:34:00 AM	3,5-Dichlorobenzoic acid	n/a	<	1.2	µg/L	EPA 515.4	1.2	10	WKL	
MO-VEN	2020/21-2	Wet	1/29/2021 10:00:00 AM	2/16/2021 10:19:00 PM	4,4'-DDD	n/a	<	0.007	µg/L	EPA 608.3	0.007	0.5	WKL	
MO-VEN	2020/21-2	Wet	1/29/2021 10:00:00 AM	2/16/2021 10:19:00 PM	4,4'-DDE	n/a	<	0.007	µg/L	EPA 608.3	0.007	0.5	WKL	
MO-VEN	2020/21-2	Wet	1/29/2021 10:00:00 AM	2/16/2021 10:19:00 PM	4,4'-DDT	n/a	<	0.1	µg/L	EPA 608.3	0.1	0.1	WKL	
MO-VEN	2020/21-2	Wet	1/29/2021 10:00:00 AM	2/13/2021 3:34:00 AM	Acifluorfen	n/a	<	0.72	µg/L	EPA 515.4	0.72	4	WKL	
MO-VEN	2020/21-2	Wet	1/29/2021 10:00:00 AM	2/12/2021 7:46:00 AM	Alachlor	n/a	<	0.3	µg/L	EPA 525.2	0.3	1	WKL	
MO-VEN	2020/21-2	Wet	1/29/2021 10:00:00 AM	2/16/2021 10:19:00 PM	Aldrin	n/a	<	0.01	µg/L	EPA 608.3	0.01	0.05	WKL	
MO-VEN	2020/21-2	Wet	1/29/2021 10:00:00 AM	2/16/2021 10:19:00 PM	alpha-BHC	n/a	<	0.011	µg/L	EPA 608.3	0.011	0.1	WKL	
MO-VEN	2020/21-2	Wet	1/29/2021 10:00:00 AM	2/16/2021 10:19:00 PM	alpha-Chlordane	n/a	<	0.029	µg/L	EPA 608.3	0.029	0.1	WKL	
MO-VEN	2020/21-2	Wet	1/29/2021 10:00:00 AM	2/12/2021 7:46:00 AM	Atrazine	n/a	<	0.3	µg/L	EPA 525.2	0.3	1	WKL	
MO-VEN	2020/21-2	Wet	1/29/2021 10:00:00 AM	2/3/2021 8:04:00 PM	Azinphos methyl	n/a	<	0.028	µg/L	EPA 625.1m	0.028	0.05	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-VEN	2020/21-2	Wet	1/29/2021 10:00:00 AM	2/13/2021 3:34:00 AM	Bentazon	n/a	<	2.3	µg/L	EPA 515.4	2.3	20	WKL	
MO-VEN	2020/21-2	Wet	1/29/2021 10:00:00 AM	2/16/2021 10:19:00 PM	beta-BHC	n/a	<	0.015	µg/L	EPA 608.3	0.015	0.05	WKL	
MO-VEN	2020/21-2	Wet	1/29/2021 10:00:00 AM	2/3/2021 8:04:00 PM	Bolstar	n/a	<	0.023	µg/L	EPA 625.1m	0.023	0.05	WKL	
MO-VEN	2020/21-2	Wet	1/29/2021 10:00:00 AM	2/12/2021 7:46:00 AM	Bromacil	n/a	<	1.6	µg/L	EPA 525.2	1.6	5	WKL	
MO-VEN	2020/21-2	Wet	1/29/2021 10:00:00 AM	2/12/2021 7:46:00 AM	Butachlor	n/a	<	0.3	µg/L	EPA 525.2	0.3	1	WKL	
MO-VEN	2020/21-2	Wet	1/29/2021 10:00:00 AM	2/12/2021 7:46:00 AM	Captan	n/a	<	1.6	µg/L	EPA 525.2	1.6	10	WKL	
MO-VEN	2020/21-2	Wet	1/29/2021 10:00:00 AM	2/16/2021 10:19:00 PM	Chlordane (technical)	n/a	<	1	µg/L	EPA 608.3	1	1	WKL	
MO-VEN	2020/21-2	Wet	1/29/2021 10:00:00 AM	2/12/2021 7:46:00 AM	Chlorpropham	n/a	<	0.4	µg/L	EPA 525.2	0.4	1	WKL	
MO-VEN	2020/21-2	Wet	1/29/2021 10:00:00 AM	2/3/2021 8:04:00 PM	Chlorpyrifos	n/a	<	0.034	µg/L	EPA 625.1m	0.034	0.05	WKL	
MO-VEN	2020/21-2	Wet	1/29/2021 10:00:00 AM	2/3/2021 8:04:00 PM	Coumaphos	n/a	<	0.026	µg/L	EPA 625.1m	0.026	0.05	WKL	
MO-VEN	2020/21-2	Wet	1/29/2021 10:00:00 AM	2/12/2021 7:46:00 AM	Cyanazine	n/a	<	0.4	µg/L	EPA 525.2	0.4	1	WKL	
MO-VEN	2020/21-2	Wet	1/29/2021 10:00:00 AM	2/13/2021 3:34:00 AM	Dalapon	n/a	<	1.1	µg/L	EPA 515.4	1.1	4	WKL	
MO-VEN	2020/21-2	Wet	1/29/2021 10:00:00 AM	2/13/2021 3:34:00 AM	DCPA (Daacthal)	n/a	<	0.53	µg/L	EPA 515.4	0.53	1	WKL	
MO-VEN	2020/21-2	Wet	1/29/2021 10:00:00 AM	2/16/2021 10:19:00 PM	delta-BHC	n/a	<	0.019	µg/L	EPA 608.3	0.019	0.05	WKL	
MO-VEN	2020/21-2	Wet	1/29/2021 10:00:00 AM	2/3/2021 8:04:00 PM	Demeton-O	n/a	<	0.05	µg/L	EPA 625.1m	0.05	0.05	WKL	
MO-VEN	2020/21-2	Wet	1/29/2021 10:00:00 AM	2/3/2021 8:04:00 PM	Demeton-S	n/a	<	0.05	µg/L	EPA 625.1m	0.05	0.05	WKL	
MO-VEN	2020/21-2	Wet	1/29/2021 10:00:00 AM	2/12/2021 7:46:00 AM	Diazinon	n/a	<	0.5	µg/L	EPA 525.2	0.5	1	WKL	
MO-VEN	2020/21-2	Wet	1/29/2021 10:00:00 AM	2/3/2021 8:04:00 PM	Diazinon	n/a	<	0.026	µg/L	EPA 625.1m	0.026	0.05	WKL	
MO-VEN	2020/21-2	Wet	1/29/2021 10:00:00 AM	2/13/2021 3:34:00 AM	Dicamba	n/a	<	0.75	µg/L	EPA 515.4	0.75	6	WKL	
MO-VEN	2020/21-2	Wet	1/29/2021 10:00:00 AM	2/13/2021 3:34:00 AM	Dichlorprop	n/a	<	1.2	µg/L	EPA 515.4	1.2	3	WKL	
MO-VEN	2020/21-2	Wet	1/29/2021 10:00:00 AM	2/3/2021 8:04:00 PM	Dichlorvos	n/a	<	0.014	µg/L	EPA 625.1m	0.014	0.05	WKL	
MO-VEN	2020/21-2	Wet	1/29/2021 10:00:00 AM	2/16/2021 10:19:00 PM	Dieldrin	n/a	<	0.008	µg/L	EPA 608.3	0.008	0.1	WKL	
MO-VEN	2020/21-2	Wet	1/29/2021 10:00:00 AM	2/12/2021 7:46:00 AM	Dimethoate	n/a	<	0.2	µg/L	EPA 525.2	0.2	2	WKL	
MO-VEN	2020/21-2	Wet	1/29/2021 10:00:00 AM	2/3/2021 8:04:00 PM	Dimethoate	n/a	<	0.031	µg/L	EPA 625.1m	0.031	0.05	WKL	
MO-VEN	2020/21-2	Wet	1/29/2021 10:00:00 AM	2/13/2021 3:34:00 AM	Dinoseb	n/a	<	0.55	µg/L	EPA 515.4	0.55	4	WKL	
MO-VEN	2020/21-2	Wet	1/29/2021 10:00:00 AM	2/12/2021 7:46:00 AM	Diphenamid	n/a	<	0.3	µg/L	EPA 525.2	0.3	1	WKL	
MO-VEN	2020/21-2	Wet	1/29/2021 10:00:00 AM	2/12/2021 7:46:00 AM	Disulfoton	n/a	<	0.4	µg/L	EPA 525.2	0.4	1	WKL	
MO-VEN	2020/21-2	Wet	1/29/2021 10:00:00 AM	2/3/2021 8:04:00 PM	Disulfoton	n/a	<	0.05	µg/L	EPA 625.1m	0.05	0.05	WKL	
MO-VEN	2020/21-2	Wet	1/29/2021 10:00:00 AM	2/16/2021 10:19:00 PM	Endosulfan I	n/a	<	0.009	µg/L	EPA 608.3	0.009	0.2	WKL	
MO-VEN	2020/21-2	Wet	1/29/2021 10:00:00 AM	2/16/2021 10:19:00 PM	Endosulfan II	n/a	<	0.007	µg/L	EPA 608.3	0.007	0.1	WKL	
MO-VEN	2020/21-2	Wet	1/29/2021 10:00:00 AM	2/16/2021 10:19:00 PM	Endosulfan sulfate	n/a	<	0.013	µg/L	EPA 608.3	0.013	0.5	WKL	
MO-VEN	2020/21-2	Wet	1/29/2021 10:00:00 AM	2/16/2021 10:19:00 PM	Endrin	n/a	<	0.017	µg/L	EPA 608.3	0.017	0.1	WKL	
MO-VEN	2020/21-2	Wet	1/29/2021 10:00:00 AM	2/16/2021 10:19:00 PM	Endrin aldehyde	n/a	<	0.019	µg/L	EPA 608.3	0.019	0.1	WKL	
MO-VEN	2020/21-2	Wet	1/29/2021 10:00:00 AM	2/12/2021 7:46:00 AM	EPTC	n/a	<	0.2	µg/L	EPA 525.2	0.2	1	WKL	
MO-VEN	2020/21-2	Wet	1/29/2021 10:00:00 AM	2/3/2021 8:04:00 PM	Ethoprop	n/a	<	0.034	µg/L	EPA 625.1m	0.034	0.05	WKL	
MO-VEN	2020/21-2	Wet	1/29/2021 10:00:00 AM	2/3/2021 8:04:00 PM	Ethyl parathion	n/a	<	0.027	µg/L	EPA 625.1m	0.027	0.05	WKL	
MO-VEN	2020/21-2	Wet	1/29/2021 10:00:00 AM	2/3/2021 8:04:00 PM	Fensulfothion	n/a	<	0.014	µg/L	EPA 625.1m	0.014	0.05	WKL	
MO-VEN	2020/21-2	Wet	1/29/2021 10:00:00 AM	2/3/2021 8:04:00 PM	Fenthion	n/a	<	0.019	µg/L	EPA 625.1m	0.019	0.05	WKL	
MO-VEN	2020/21-2	Wet	1/29/2021 10:00:00 AM	2/16/2021 10:19:00 PM	gamma-BHC (Lindane)	n/a	<	0.2	µg/L	EPA 608.3	0.2	0.2	WKL	
MO-VEN	2020/21-2	Wet	1/29/2021 10:00:00 AM	2/16/2021 10:19:00 PM	gamma-Chlordane	n/a	<	0.023	µg/L	EPA 608.3	0.023	0.1	WKL	
MO-VEN	2020/21-2	Wet	1/29/2021 10:00:00 AM	2/3/2021 4:48:00 PM	Glyphosate	n/a	=	18	µg/L	EPA 547	1.8	5	WKL	
MO-VEN	2020/21-2	Wet	1/29/2021 10:00:00 AM	2/16/2021 10:19:00 PM	Heptachlor	n/a	<	0.006	µg/L	EPA 608.3	0.006	0.1	WKL	
MO-VEN	2020/21-2	Wet	1/29/2021 10:00:00 AM	2/16/2021 10:19:00 PM	Heptachlor epoxide	n/a	<	0.004	µg/L	EPA 608.3	0.004	0.1	WKL	
MO-VEN	2020/21-2	Wet	1/29/2021 10:00:00 AM	2/3/2021 8:04:00 PM	Malathion	n/a	=	0.061	µg/L	EPA 625.1m	0.038	0.05	WKL	
MO-VEN	2020/21-2	Wet	1/29/2021 10:00:00 AM	2/3/2021 8:04:00 PM	Merphos	n/a	<	0.029	µg/L	EPA 625.1m	0.029	0.05	WKL	
MO-VEN	2020/21-2	Wet	1/29/2021 10:00:00 AM	2/16/2021 10:19:00 PM	Methoxychlor	n/a	<	0.014	µg/L	EPA 608.3	0.014	0.2	WKL	
MO-VEN	2020/21-2	Wet	1/29/2021 10:00:00 AM	2/3/2021 8:04:00 PM	Methyl parathion	n/a	<	0.032	µg/L	EPA 625.1m	0.032	0.05	WKL	
MO-VEN	2020/21-2	Wet	1/29/2021 10:00:00 AM	2/12/2021 7:46:00 AM	Metolachlor	n/a	<	0.3	µg/L	EPA 525.2	0.3	1	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-VEN	2020/21-2	Wet	1/29/2021 10:00:00 AM	2/12/2021 7:46:00 AM	Metribuzin	n/a	<	0.3	µg/L	EPA 525.2	0.3	1	WKL	
MO-VEN	2020/21-2	Wet	1/29/2021 10:00:00 AM	2/3/2021 8:04:00 PM	Mevinphos	n/a	<	0.021	µg/L	EPA 625.1m	0.021	0.05	WKL	
MO-VEN	2020/21-2	Wet	1/29/2021 10:00:00 AM	2/12/2021 7:46:00 AM	Molinate	n/a	<	0.3	µg/L	EPA 525.2	0.3	1	WKL	
MO-VEN	2020/21-2	Wet	1/29/2021 10:00:00 AM	2/3/2021 8:04:00 PM	Naled	n/a	<	0.038	µg/L	EPA 625.1m	0.038	0.05	WKL	
MO-VEN	2020/21-2	Wet	1/29/2021 10:00:00 AM	2/13/2021 3:34:00 AM	Pentachlorophenol	n/a	<	0.46	µg/L	EPA 515.4	0.46	2	WKL	
MO-VEN	2020/21-2	Wet	1/29/2021 10:00:00 AM	2/9/2021 8:57:00 PM	Pentachlorophenol	n/a	<	8	µg/L	EPA 625.1	8	20	WKL	
MO-VEN	2020/21-2	Wet	1/29/2021 10:00:00 AM	3/5/2021 4:31:00 AM	Pentachlorophenol	n/a	<	3	µg/L	EPA 8270C	3	20	WKL	
MO-VEN	2020/21-2	Wet	1/29/2021 10:00:00 AM	2/3/2021 8:04:00 PM	Phorate	n/a	<	0.015	µg/L	EPA 625.1m	0.015	0.05	WKL	
MO-VEN	2020/21-2	Wet	1/29/2021 10:00:00 AM	2/13/2021 3:34:00 AM	Picloram	n/a	<	0.38	µg/L	EPA 515.4	0.38	6	WKL	
MO-VEN	2020/21-2	Wet	1/29/2021 10:00:00 AM	2/12/2021 7:46:00 AM	Prometon	n/a	<	0.1	µg/L	EPA 525.2	0.1	1	WKL	
MO-VEN	2020/21-2	Wet	1/29/2021 10:00:00 AM	2/12/2021 7:46:00 AM	Prometryn	n/a	<	0.3	µg/L	EPA 525.2	0.3	1	WKL	
MO-VEN	2020/21-2	Wet	1/29/2021 10:00:00 AM	2/3/2021 8:04:00 PM	Ronnel (Fenchlorphos)	n/a	<	0.02	µg/L	EPA 625.1m	0.02	0.05	WKL	
MO-VEN	2020/21-2	Wet	1/29/2021 10:00:00 AM	2/12/2021 7:46:00 AM	Simazine	n/a	<	0.2	µg/L	EPA 525.2	0.2	1	WKL	
MO-VEN	2020/21-2	Wet	1/29/2021 10:00:00 AM	2/3/2021 8:04:00 AM	Stirophos (Tetrachlorvinphos)	n/a	<	0.016	µg/L	EPA 625.1m	0.016	0.05	WKL	
MO-VEN	2020/21-2	Wet	1/29/2021 10:00:00 AM	2/12/2021 7:46:00 AM	Terbacil	n/a	<	0.9	µg/L	EPA 525.2	0.9	20	WKL	
MO-VEN	2020/21-2	Wet	1/29/2021 10:00:00 AM	2/12/2021 7:46:00 AM	Thiobencarb	n/a	<	0.3	µg/L	EPA 525.2	0.3	1	WKL	
MO-VEN	2020/21-2	Wet	1/29/2021 10:00:00 AM	2/3/2021 8:04:00 PM	Tokuthion	n/a	<	0.039	µg/L	EPA 625.1m	0.039	0.05	WKL	
MO-VEN	2020/21-2	Wet	1/29/2021 10:00:00 AM	2/16/2021 10:19:00 AM	Toxaphene	n/a	<	10	µg/L	EPA 608.3	10	10	WKL	
MO-VEN	2020/21-2	Wet	1/29/2021 10:00:00 AM	2/3/2021 8:04:00 PM	Trichloronate	n/a	<	0.034	µg/L	EPA 625.1m	0.034	0.05	WKL	
MO-VEN	2020/21-2	Wet	1/29/2021 10:00:00 AM	2/12/2021 7:46:00 AM	Trithion	n/a	<	0.2	µg/L	EPA 525.2	0.2	1	WKL	
MO-VEN	2020/21-3	Wet	3/10/2021 1:30:00 AM	3/10/2021 1:30:00 AM	Conductivity	n/a	=	248.9	µmhos/cm	Field Meter	-88	1	Field Crew	
MO-VEN	2020/21-3	Wet	3/10/2021 1:30:00 AM	3/10/2021 4:23:00 PM	Cyanide	Total	=	0.0055	mg/L	ASTM D7511	0.0003	0.002	WKL	
MO-VEN	2020/21-3	Wet	3/10/2021 1:30:00 AM	3/10/2021 1:30:00 AM	DO	n/a	=	92.9	%	Field Meter	-88	0.1	Field Crew	
MO-VEN	2020/21-3	Wet	3/10/2021 1:30:00 AM	3/10/2021 1:30:00 AM	DO	n/a	=	9.86	mg/L	Field Meter	-88	0.3	Field Crew	
MO-VEN	2020/21-3	Wet	3/10/2021 1:30:00 AM	3/10/2021 1:30:00 AM	pH	n/a	=	6.79	pH Units	Field Meter	-88	0.01	Field Crew	
MO-VEN	2020/21-3	Wet	3/10/2021 1:30:00 AM	3/10/2021 1:30:00 AM	Salinity	n/a	=	200	mg/L	Field Meter	-88	100	Field Crew	
MO-VEN	2020/21-3	Wet	3/10/2021 1:30:00 AM	3/10/2021 1:30:00 AM	Specific Conductance	n/a	=	325.7	µmhos/cm	Field Meter	-88	1	Field Crew	
MO-VEN	2020/21-3	Wet	3/10/2021 1:30:00 AM	3/10/2021 1:30:00 AM	Temperature	n/a	=	12.8	°C	Field Meter	-88	0.1	Field Crew	
MO-VEN	2020/21-3	Wet	3/10/2021 1:30:00 AM	3/24/2021 5:28:00 PM	Oil and Grease	n/a	DNQ	2	mg/L	EPA 1664B	0.7	5	WKL	
MO-VEN	2020/21-3	Wet	3/10/2021 10:50:00 AM	3/13/2021 12:33:00 AM	Chloride	n/a	=	22	mg/L	EPA 300.0	0.17	1	WKL	
MO-VEN	2020/21-3	Wet	3/10/2021 10:50:00 AM	3/13/2021 12:33:00 AM	Fluoride	n/a	DNQ	0.16	mg/L	EPA 300.0	0.018	0.2	WKL	
MO-VEN	2020/21-3	Wet	3/10/2021 10:50:00 AM	3/20/2021 1:41:00 AM	Perchlorate	n/a	<	1.7	µg/L	EPA 314.0	1.7	4	WKL	
MO-VEN	2020/21-3	Wet	3/10/2021 10:50:00 AM	3/19/2021 7:00:00 PM	Calcium	Total	=	26.2	mg/L	EPA 200.7	0.16	0.5	WKL	
MO-VEN	2020/21-3	Wet	3/10/2021 10:50:00 AM	3/19/2021 7:00:00 PM	Magnesium	Total	=	6.74	mg/L	EPA 200.7	0.039	0.5	WKL	
MO-VEN	2020/21-3	Wet	3/10/2021 10:50:00 AM	3/11/2021 12:42:00 PM	Alkalinity as CaCO3	n/a	=	32	mg/L	SM 2320 B	0.56	5	WKL	
MO-VEN	2020/21-3	Wet	3/10/2021 10:50:00 AM	3/16/2021 4:47:00 PM	BOD	n/a	=	39	mg/L	SM 5210 B	2	2	WKL	
MO-VEN	2020/21-3	Wet	3/10/2021 10:50:00 AM	3/18/2021 11:45:00 AM	COD	n/a	=	200	mg/L	EPA 410.4	2.9	5	WKL	
MO-VEN	2020/21-3	Wet	3/10/2021 10:50:00 AM	3/19/2021 7:00:00 PM	Hardness as CaCO3	Total	=	93.3	mg/L	EPA 200.7	0.56	3.31	WKL	
MO-VEN	2020/21-3	Wet	3/10/2021 10:50:00 AM	3/11/2021 9:00:00 PM	MBAS	n/a	=	0.29	mg/L	SM 5540 C	0.017	0.05	WKL	
MO-VEN	2020/21-3	Wet	3/10/2021 10:50:00 AM	3/23/2021 1:45:00 PM	Phenolics	n/a	=	0.046	mg/L	EPA 420.4	0.0032	0.01	WKL	
MO-VEN	2020/21-3	Wet	3/10/2021 10:50:00 AM	3/15/2021 1:48:00 PM	Specific Conductance	n/a	=	240	µmhos/cm	SM 2510 B	0.23	2	WKL	
MO-VEN	2020/21-3	Wet	3/10/2021 10:50:00 AM	3/15/2021 6:00:00 PM	Total Dissolved Solids	n/a	=	250	mg/L	SM 2540 C	4	10	WKL	
MO-VEN	2020/21-3	Wet	3/10/2021 10:50:00 AM	4/5/2021	Total Organic Carbon	n/a	=	32	mg/L	SM 5310 B	1	1	WKL	
MO-VEN	2020/21-3	Wet	3/10/2021 10:50:00 AM	3/12/2021 4:29:00 PM	Total Suspended Solids	n/a	=	150	mg/L	SM 2540 D	-88	5	WKL	
MO-VEN	2020/21-3	Wet	3/10/2021 10:50:00 AM	3/11/2021 5:04:00 PM	Turbidity	n/a	=	16	NTU	EPA 180.1	0.017	0.1	WKL	
MO-VEN	2020/21-3	Wet	3/10/2021 10:50:00 AM	3/12/2021 4:29:00 PM	Volatile Suspended Solids	n/a	=	59	mg/L	EPA 160.4	3.1	5	WKL	
MO-VEN	2020/21-3	Wet	3/10/2021 10:50:00 AM	3/25/2021 11:33:00 PM	Diesel Range Organics	n/a	=	2.1	mg/L	EPA 8015B	0.064	0.2	WKL	
MO-VEN	2020/21-3	Wet	3/10/2021 10:50:00 AM	3/25/2021 11:33:00 PM	Oil Range Organics	n/a	=	1.8	mg/L	EPA 8015B	0.66	1	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-VEN	2020/21-3	Wet	3/10/2021 10:50:00 AM	3/17/2021 4:37:00 PM	Aluminum	Dissolved	=	48	µg/L	EPA 200.8	4.4	20	WKL	
MO-VEN	2020/21-3	Wet	3/10/2021 10:50:00 AM	3/17/2021 4:40:00 PM	Aluminum	Total	=	2500	µg/L	EPA 200.8	4.4	20	WKL	
MO-VEN	2020/21-3	Wet	3/10/2021 10:50:00 AM	3/17/2021 4:37:00 PM	Antimony	Dissolved	=	1.3	µg/L	EPA 200.8	0.089	0.5	WKL	
MO-VEN	2020/21-3	Wet	3/10/2021 10:50:00 AM	3/17/2021 4:40:00 PM	Antimony	Total	=	2.1	µg/L	EPA 200.8	0.089	0.5	WKL	
MO-VEN	2020/21-3	Wet	3/10/2021 10:50:00 AM	3/17/2021 4:37:00 PM	Arsenic	Dissolved	=	1.5	µg/L	EPA 200.8	0.074	0.4	WKL	
MO-VEN	2020/21-3	Wet	3/10/2021 10:50:00 AM	3/17/2021 4:40:00 PM	Arsenic	Total	=	3	µg/L	EPA 200.8	0.074	0.4	WKL	
MO-VEN	2020/21-3	Wet	3/10/2021 10:50:00 AM	3/17/2021 4:40:00 PM	Barium	Total	=	53	µg/L	EPA 200.8	0.14	1	WKL	
MO-VEN	2020/21-3	Wet	3/10/2021 10:50:00 AM	3/17/2021 4:37:00 PM	Beryllium	Dissolved	<	0.062	µg/L	EPA 200.8	0.062	0.1	WKL	
MO-VEN	2020/21-3	Wet	3/10/2021 10:50:00 AM	3/17/2021 4:40:00 PM	Beryllium	Total	=	0.11	µg/L	EPA 200.8	0.062	0.1	WKL	
MO-VEN	2020/21-3	Wet	3/10/2021 10:50:00 AM	3/17/2021 4:37:00 PM	Cadmium	Dissolved	DNQ	0.099	µg/L	EPA 200.8	0.042	0.2	WKL	
MO-VEN	2020/21-3	Wet	3/10/2021 10:50:00 AM	3/17/2021 4:40:00 PM	Cadmium	Total	=	0.33	µg/L	EPA 200.8	0.042	0.2	WKL	
MO-VEN	2020/21-3	Wet	3/10/2021 10:50:00 AM	3/17/2021 4:37:00 PM	Chromium	Dissolved	=	1.2	µg/L	EPA 200.8	0.089	0.2	WKL	
MO-VEN	2020/21-3	Wet	3/10/2021 10:50:00 AM	3/17/2021 4:40:00 PM	Chromium	Total	=	6.1	µg/L	EPA 200.8	0.089	0.2	WKL	
MO-VEN	2020/21-3	Wet	3/10/2021 10:50:00 AM	3/22/2021 2:26:00 PM	Chromium VI	n/a	=	0.45	µg/L	EPA 218.6	0.0079	0.02	WKL	
MO-VEN	2020/21-3	Wet	3/10/2021 10:50:00 AM	3/17/2021 4:37:00 PM	Copper	Dissolved	=	43	µg/L	EPA 200.8	0.23	0.5	WKL	
MO-VEN	2020/21-3	Wet	3/10/2021 10:50:00 AM	3/17/2021 4:40:00 PM	Copper	Total	=	100	µg/L	EPA 200.8	0.23	0.5	WKL	
MO-VEN	2020/21-3	Wet	3/10/2021 10:50:00 AM	3/17/2021 4:37:00 PM	Iron	Dissolved	=	140	µg/L	EPA 200.8	3.9	20	WKL	
MO-VEN	2020/21-3	Wet	3/10/2021 10:50:00 AM	3/17/2021 4:40:00 PM	Iron	Total	=	3900	µg/L	EPA 200.8	3.9	20	WKL	
MO-VEN	2020/21-3	Wet	3/10/2021 10:50:00 AM	3/17/2021 4:37:00 PM	Lead	Dissolved	=	0.89	µg/L	EPA 200.8	0.083	0.2	WKL	
MO-VEN	2020/21-3	Wet	3/10/2021 10:50:00 AM	3/17/2021 4:40:00 PM	Lead	Total	=	9.9	µg/L	EPA 200.8	0.083	0.2	WKL	
MO-VEN	2020/21-3	Wet	3/10/2021 10:50:00 AM	3/18/2021 3:22:00 PM	Mercury	Dissolved	<	17	ng/L	EPA 245.1	17	50	WKL	
MO-VEN	2020/21-3	Wet	3/10/2021 10:50:00 AM	3/18/2021 3:24:00 PM	Mercury	Total	DNQ	21	ng/L	EPA 245.1	17	50	WKL	
MO-VEN	2020/21-3	Wet	3/10/2021 10:50:00 AM	3/17/2021 4:37:00 PM	Nickel	Dissolved	=	6.6	µg/L	EPA 200.8	0.16	2	WKL	
MO-VEN	2020/21-3	Wet	3/10/2021 10:50:00 AM	3/17/2021 4:40:00 PM	Nickel	Total	=	13	µg/L	EPA 200.8	0.16	2	WKL	
MO-VEN	2020/21-3	Wet	3/10/2021 10:50:00 AM	3/17/2021 4:37:00 PM	Selenium	Dissolved	=	0.99	µg/L	EPA 200.8	0.067	0.4	WKL	
MO-VEN	2020/21-3	Wet	3/10/2021 10:50:00 AM	3/17/2021 4:40:00 PM	Selenium	Total	=	1.2	µg/L	EPA 200.8	0.067	0.4	WKL	
MO-VEN	2020/21-3	Wet	3/10/2021 10:50:00 AM	3/17/2021 4:37:00 PM	Silver	Dissolved	<	0.03	µg/L	EPA 200.8	0.03	0.2	WKL	
MO-VEN	2020/21-3	Wet	3/10/2021 10:50:00 AM	3/17/2021 4:40:00 PM	Silver	Total	DNQ	0.047	µg/L	EPA 200.8	0.03	0.2	WKL	
MO-VEN	2020/21-3	Wet	3/10/2021 10:50:00 AM	3/17/2021 4:37:00 PM	Thallium	Dissolved	<	0.021	µg/L	EPA 200.8	0.021	0.2	WKL	
MO-VEN	2020/21-3	Wet	3/10/2021 10:50:00 AM	3/17/2021 4:40:00 PM	Thallium	Total	DNQ	0.042	µg/L	EPA 200.8	0.021	0.2	WKL	
MO-VEN	2020/21-3	Wet	3/10/2021 10:50:00 AM	3/17/2021 4:37:00 PM	Zinc	Dissolved	=	120	µg/L	EPA 200.8	0.8	10	WKL	
MO-VEN	2020/21-3	Wet	3/10/2021 10:50:00 AM	3/17/2021 4:40:00 PM	Zinc	Total	=	280	µg/L	EPA 200.8	0.8	10	WKL	
MO-VEN	2020/21-3	Wet	3/10/2021 10:50:00 AM	3/18/2021 3:47:00 PM	Ammonia as N	n/a	=	0.93	mg/L	EPA 350.1	0.047	0.1	WKL	
MO-VEN	2020/21-3	Wet	3/10/2021 10:50:00 AM	3/11/2021 7:10:00 PM	Nitrate + Nitrite as N	n/a	=	1.2	mg/L	EPA 353.2	0.036	0.2	WKL	
MO-VEN	2020/21-3	Wet	3/10/2021 10:50:00 AM	3/19/2021 6:57:00 PM	Phosphorus as P	Dissolved	=	0.36	mg/L	EPA 200.7	0.012	0.02	WKL	
MO-VEN	2020/21-3	Wet	3/10/2021 10:50:00 AM	3/19/2021 7:00:00 PM	Phosphorus as P	Total	=	0.84	mg/L	EPA 200.7	0.018	0.05	WKL	
MO-VEN	2020/21-3	Wet	3/10/2021 10:50:00 AM	3/19/2021 4:01:00 PM	TKN	n/a	=	4	mg/L	EPA 351.2	0.065	0.1	WKL	
MO-VEN	2020/21-3	Wet	3/10/2021 10:50:00 AM	4/2/2021 2:21:00 AM	1,2,4-Trichlorobenzene	n/a	<	4.9	µg/L	EPA 625.1	4.9	10	WKL	
MO-VEN	2020/21-3	Wet	3/10/2021 10:50:00 AM	4/2/2021 2:21:00 AM	1,2-Dichlorobenzene	n/a	<	4.6	µg/L	EPA 625.1	4.6	10	WKL	
MO-VEN	2020/21-3	Wet	3/10/2021 10:50:00 AM	4/2/2021 2:21:00 AM	1,2-Diphenylhydrazine	n/a	<	3	µg/L	EPA 625.1	3	10	WKL	
MO-VEN	2020/21-3	Wet	3/10/2021 10:50:00 AM	4/2/2021 2:21:00 AM	1,3-Dichlorobenzene	n/a	<	4.2	µg/L	EPA 625.1	4.2	10	WKL	
MO-VEN	2020/21-3	Wet	3/10/2021 10:50:00 AM	4/2/2021 2:21:00 AM	1,4-Dichlorobenzene	n/a	<	4.8	µg/L	EPA 625.1	4.8	10	WKL	
MO-VEN	2020/21-3	Wet	3/10/2021 10:50:00 AM	3/27/2021 4:45:00 AM	1-Methylnaphthalene	n/a	<	0.24	µg/L	EPA 8270C	0.24	1	WKL	
MO-VEN	2020/21-3	Wet	3/10/2021 10:50:00 AM	3/26/2021 3:20:00 AM	2,4,5-Trichlorophenol	n/a	<	2.9	µg/L	EPA 8270C	2.9	10	WKL	
MO-VEN	2020/21-3	Wet	3/10/2021 10:50:00 AM	4/2/2021 2:21:00 AM	2,4,6-Trichlorophenol	n/a	<	2.2	µg/L	EPA 625.1	2.2	10	WKL	
MO-VEN	2020/21-3	Wet	3/10/2021 10:50:00 AM	3/26/2021 3:20:00 AM	2,4,6-Trichlorophenol	n/a	<	3	µg/L	EPA 8270C	3	10	WKL	
MO-VEN	2020/21-3	Wet	3/10/2021 10:50:00 AM	3/26/2021 3:20:00 AM	2,4-Dichlorophenol	n/a	<	5.1	µg/L	EPA 8270C	5.1	10	WKL	
MO-VEN	2020/21-3	Wet	3/10/2021 10:50:00 AM	4/2/2021 2:21:00 AM	2,4-Dichlorophenol	n/a	<	2.6	µg/L	EPA 625.1	2.6	10	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-VEN	2020/21-3	Wet	3/10/2021 10:50:00 AM	3/26/2021 3:20:00 AM	2,4-Dimethylphenol	n/a	<	10	µg/L	EPA 8270C	10	20	WKL	
MO-VEN	2020/21-3	Wet	3/10/2021 10:50:00 AM	4/2/2021 2:21:00 AM	2,4-Dimethylphenol	n/a	<	3	µg/L	EPA 625.1	3	10	WKL	
MO-VEN	2020/21-3	Wet	3/10/2021 10:50:00 AM	4/2/2021 2:21:00 AM	2,4-Dinitrophenol	n/a	<	19	µg/L	EPA 625.1	19	100	WKL	
MO-VEN	2020/21-3	Wet	3/10/2021 10:50:00 AM	3/26/2021 3:20:00 AM	2,4-Dinitrophenol	n/a	<	10	µg/L	EPA 8270C	10	20	WKL	
MO-VEN	2020/21-3	Wet	3/10/2021 10:50:00 AM	4/2/2021 2:21:00 AM	2,4-Dinitrotoluene	n/a	<	1.8	µg/L	EPA 625.1	1.8	10	WKL	
MO-VEN	2020/21-3	Wet	3/10/2021 10:50:00 AM	4/2/2021 2:21:00 AM	2,6-Dinitrotoluene	n/a	<	2.7	µg/L	EPA 625.1	2.7	10	WKL	
MO-VEN	2020/21-3	Wet	3/10/2021 10:50:00 AM	4/2/2021 2:21:00 AM	2-Chloronaphthalene	n/a	<	4.5	µg/L	EPA 625.1	4.5	10	WKL	
MO-VEN	2020/21-3	Wet	3/10/2021 10:50:00 AM	3/26/2021 3:20:00 AM	2-Chlorophenol	n/a	<	6.5	µg/L	EPA 8270C	6.5	10	WKL	
MO-VEN	2020/21-3	Wet	3/10/2021 10:50:00 AM	4/2/2021 2:21:00 AM	2-Chlorophenol	n/a	<	2.8	µg/L	EPA 625.1	2.8	10	WKL	
MO-VEN	2020/21-3	Wet	3/10/2021 10:50:00 AM	3/27/2021 4:45:00 AM	2-Methylnaphthalene	n/a	<	0.26	µg/L	EPA 8270C	0.26	1	WKL	
MO-VEN	2020/21-3	Wet	3/10/2021 10:50:00 AM	3/26/2021 3:20:00 AM	2-Methylphenol	n/a	<	3.4	µg/L	EPA 8270C	3.4	10	WKL	
MO-VEN	2020/21-3	Wet	3/10/2021 10:50:00 AM	4/2/2021 2:21:00 AM	2-Nitrophenol	n/a	<	2.6	µg/L	EPA 625.1	2.6	10	WKL	
MO-VEN	2020/21-3	Wet	3/10/2021 10:50:00 AM	3/26/2021 3:20:00 AM	2-Nitrophenol	n/a	<	7.1	µg/L	EPA 8270C	7.1	10	WKL	
MO-VEN	2020/21-3	Wet	3/10/2021 10:50:00 AM	4/2/2021 2:21:00 AM	3,3'-Dichlorobenzidine	n/a	<	9.9	µg/L	EPA 625.1	9.9	50	WKL	
MO-VEN	2020/21-3	Wet	3/10/2021 10:50:00 AM	3/26/2021 3:20:00 AM	3-/4-Methylphenol	n/a	<	3	µg/L	EPA 8270C	3	10	WKL	
MO-VEN	2020/21-3	Wet	3/10/2021 10:50:00 AM	3/26/2021 3:20:00 AM	4,6-Dinitro-2-methylphenol	n/a	<	1.4	µg/L	EPA 8270C	1.4	10	WKL	
MO-VEN	2020/21-3	Wet	3/10/2021 10:50:00 AM	4/2/2021 2:21:00 AM	4,6-Dinitro-2-methylphenol	n/a	<	14	µg/L	EPA 625.1	14	50	WKL	
MO-VEN	2020/21-3	Wet	3/10/2021 10:50:00 AM	4/2/2021 2:21:00 AM	4-Bromophenyl phenyl ether	n/a	<	3.6	µg/L	EPA 625.1	3.6	10	WKL	
MO-VEN	2020/21-3	Wet	3/10/2021 10:50:00 AM	4/2/2021 2:21:00 AM	4-Chloro-3-methylphenol	n/a	<	2.3	µg/L	EPA 625.1	2.3	10	WKL	
MO-VEN	2020/21-3	Wet	3/10/2021 10:50:00 AM	3/26/2021 3:20:00 AM	4-Chloro-3-methylphenol	n/a	<	3.7	µg/L	EPA 8270C	3.7	10	WKL	
MO-VEN	2020/21-3	Wet	3/10/2021 10:50:00 AM	4/2/2021 2:21:00 AM	4-Chlorophenyl phenyl ether	n/a	<	4.1	µg/L	EPA 625.1	4.1	10	WKL	
MO-VEN	2020/21-3	Wet	3/10/2021 10:50:00 AM	4/2/2021 2:21:00 AM	4-Nitrophenol	n/a	<	12	µg/L	EPA 625.1	12	50	WKL	
MO-VEN	2020/21-3	Wet	3/10/2021 10:50:00 AM	3/26/2021 3:20:00 AM	4-Nitrophenol	n/a	<	10	µg/L	EPA 8270C	10	20	WKL	
MO-VEN	2020/21-3	Wet	3/10/2021 10:50:00 AM	4/2/2021 2:21:00 AM	Acenaphthene	n/a	<	3.8	µg/L	EPA 625.1	3.8	10	WKL	
MO-VEN	2020/21-3	Wet	3/10/2021 10:50:00 AM	3/27/2021 4:45:00 AM	Acenaphthene	n/a	<	0.28	µg/L	EPA 8270C	0.28	1	WKL	
MO-VEN	2020/21-3	Wet	3/10/2021 10:50:00 AM	4/2/2021 2:21:00 AM	Acenaphthylene	n/a	<	1.7	µg/L	EPA 625.1	1.7	10	WKL	
MO-VEN	2020/21-3	Wet	3/10/2021 10:50:00 AM	3/27/2021 4:45:00 AM	Acenaphthylene	n/a	<	0.33	µg/L	EPA 8270C	0.33	1	WKL	
MO-VEN	2020/21-3	Wet	3/10/2021 10:50:00 AM	3/27/2021 4:45:00 AM	Anthracene	n/a	<	0.25	µg/L	EPA 8270C	0.25	1	WKL	
MO-VEN	2020/21-3	Wet	3/10/2021 10:50:00 AM	4/2/2021 2:21:00 AM	Anthracene	n/a	<	1.2	µg/L	EPA 625.1	1.2	10	WKL	
MO-VEN	2020/21-3	Wet	3/10/2021 10:50:00 AM	4/2/2021 2:21:00 AM	Benz(a)anthracene	n/a	<	1.9	µg/L	EPA 625.1	1.9	10	WKL	
MO-VEN	2020/21-3	Wet	3/10/2021 10:50:00 AM	3/27/2021 4:45:00 AM	Benz(a)anthracene	n/a	<	0.51	µg/L	EPA 8270C	0.51	1	WKL	
MO-VEN	2020/21-3	Wet	3/10/2021 10:50:00 AM	4/2/2021 2:21:00 AM	Benizidine	n/a	<	14	µg/L	EPA 625.1	14	100	WKL	
MO-VEN	2020/21-3	Wet	3/10/2021 10:50:00 AM	3/17/2021 5:55:00 AM	Benzo(a)pyrene	n/a	<	0.08	µg/L	EPA 525.2	0.08	0.4	WKL	
MO-VEN	2020/21-3	Wet	3/10/2021 10:50:00 AM	3/27/2021 4:45:00 AM	Benzo(a)pyrene	n/a	<	0.51	µg/L	EPA 8270C	0.51	1	WKL	
MO-VEN	2020/21-3	Wet	3/10/2021 10:50:00 AM	4/2/2021 2:21:00 AM	Benzo(a)pyrene	n/a	<	3.9	µg/L	EPA 625.1	3.9	10	WKL	
MO-VEN	2020/21-3	Wet	3/10/2021 10:50:00 AM	4/2/2021 2:21:00 AM	Benzo(b)fluoranthene	n/a	<	4.6	µg/L	EPA 625.1	4.6	10	WKL	
MO-VEN	2020/21-3	Wet	3/10/2021 10:50:00 AM	3/27/2021 4:45:00 AM	Benzo(b)fluoranthene	n/a	<	0.27	µg/L	EPA 8270C	0.27	1	WKL	
MO-VEN	2020/21-3	Wet	3/10/2021 10:50:00 AM	4/2/2021 2:21:00 AM	Benzo(g,h,i)perylene	n/a	<	4.2	µg/L	EPA 625.1	4.2	20	WKL	
MO-VEN	2020/21-3	Wet	3/10/2021 10:50:00 AM	3/27/2021 4:45:00 AM	Benzo(g,h,i)perylene	n/a	DNQ	0.52	µg/L	EPA 8270C	0.5	1	WKL	
MO-VEN	2020/21-3	Wet	3/10/2021 10:50:00 AM	3/27/2021 4:45:00 AM	Benzo(k)fluoranthene	n/a	<	0.26	µg/L	EPA 8270C	0.26	1	WKL	
MO-VEN	2020/21-3	Wet	3/10/2021 10:50:00 AM	4/2/2021 2:21:00 AM	Benzo(k)fluoranthene	n/a	<	2.2	µg/L	EPA 625.1	2.2	10	WKL	
MO-VEN	2020/21-3	Wet	3/10/2021 10:50:00 AM	4/2/2021 2:21:00 AM	Bis(2-chloroethoxy)methane	n/a	<	2.5	µg/L	EPA 625.1	2.5	10	WKL	
MO-VEN	2020/21-3	Wet	3/10/2021 10:50:00 AM	4/2/2021 2:21:00 AM	Bis(2-chloroethyl)ether	n/a	<	2.7	µg/L	EPA 625.1	2.7	10	WKL	
MO-VEN	2020/21-3	Wet	3/10/2021 10:50:00 AM	4/2/2021 2:21:00 AM	Bis(2-chloroisopropyl)ether	n/a	<	3.8	µg/L	EPA 625.1	3.8	10	WKL	
MO-VEN	2020/21-3	Wet	3/10/2021 10:50:00 AM	3/17/2021 5:55:00 AM	Bis(2-ethylhexyl)adipate	n/a	DNQ	2	µg/L	EPA 525.2	0.48	20	WKL	HB-LCSR
MO-VEN	2020/21-3	Wet	3/10/2021 10:50:00 AM	3/17/2021 5:55:00 AM	Bis(2-ethylhexyl)phthalate	n/a	DNQ	3.4	µg/L	EPA 525.2	1.6	12	WKL	UL-MB
MO-VEN	2020/21-3	Wet	3/10/2021 10:50:00 AM	4/2/2021 2:21:00 AM	Bis(2-ethylhexyl)phthalate	n/a	<	23	µg/L	EPA 625.1	23	50	WKL	
MO-VEN	2020/21-3	Wet	3/10/2021 10:50:00 AM	4/2/2021 2:21:00 AM	Butyl benzyl phthalate	n/a	DNQ	4.1	µg/L	EPA 625.1	1.8	10	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-VEN	2020/21-3	Wet	3/10/2021 10:50:00 AM	3/27/2021 4:45:00 AM	Chrysene	n/a	<	0.32	µg/L	EPA 8270C	0.32	1	WKL	
MO-VEN	2020/21-3	Wet	3/10/2021 10:50:00 AM	4/2/2021 2:21:00 AM	Chrysene	n/a	<	1.9	µg/L	EPA 625.1	1.9	10	WKL	
MO-VEN	2020/21-3	Wet	3/10/2021 10:50:00 AM	3/27/2021 4:45:00 AM	Dibenz(a,h)anthracene	n/a	<	0.96	µg/L	EPA 8270C	0.96	1	WKL	
MO-VEN	2020/21-3	Wet	3/10/2021 10:50:00 AM	4/2/2021 2:21:00 AM	Dibenz(a,h)anthracene	n/a	<	5.3	µg/L	EPA 625.1	5.3	20	WKL	
MO-VEN	2020/21-3	Wet	3/10/2021 10:50:00 AM	4/2/2021 2:21:00 AM	Diethyl phthalate	n/a	<	1.5	µg/L	EPA 625.1	1.5	10	WKL	
MO-VEN	2020/21-3	Wet	3/10/2021 10:50:00 AM	4/2/2021 2:21:00 AM	Dimethyl phthalate	n/a	<	1.8	µg/L	EPA 625.1	1.8	10	WKL	
MO-VEN	2020/21-3	Wet	3/10/2021 10:50:00 AM	4/2/2021 2:21:00 AM	Di-n-butylphthalate	n/a	DNQ	1.2	µg/L	EPA 625.1	1	10	WKL	
MO-VEN	2020/21-3	Wet	3/10/2021 10:50:00 AM	4/2/2021 2:21:00 AM	Di-n-octylphthalate	n/a	<	4.6	µg/L	EPA 625.1	4.6	10	WKL	
MO-VEN	2020/21-3	Wet	3/10/2021 10:50:00 AM	4/2/2021 2:21:00 AM	Fluoranthene	n/a	<	0.8	µg/L	EPA 625.1	0.8	10	WKL	
MO-VEN	2020/21-3	Wet	3/10/2021 10:50:00 AM	3/27/2021 4:45:00 AM	Fluoranthene	n/a	<	0.39	µg/L	EPA 8270C	0.39	1	WKL	
MO-VEN	2020/21-3	Wet	3/10/2021 10:50:00 AM	3/27/2021 4:45:00 AM	Fluorene	n/a	<	0.29	µg/L	EPA 8270C	0.29	1	WKL	
MO-VEN	2020/21-3	Wet	3/10/2021 10:50:00 AM	4/2/2021 2:21:00 AM	Fluorene	n/a	<	3.5	µg/L	EPA 625.1	3.5	10	WKL	
MO-VEN	2020/21-3	Wet	3/10/2021 10:50:00 AM	4/2/2021 2:21:00 AM	Hexachlorobenzene	n/a	<	4.9	µg/L	EPA 625.1	4.9	10	WKL	
MO-VEN	2020/21-3	Wet	3/10/2021 10:50:00 AM	4/2/2021 2:21:00 AM	Hexachlorobutadiene	n/a	<	4.7	µg/L	EPA 625.1	4.7	10	WKL	
MO-VEN	2020/21-3	Wet	3/10/2021 10:50:00 AM	4/2/2021 2:21:00 AM	Hexachlorocyclopentadiene	n/a	<	9.8	µg/L	EPA 625.1	9.8	50	WKL	
MO-VEN	2020/21-3	Wet	3/10/2021 10:50:00 AM	4/2/2021 2:21:00 AM	Hexachloroethane	n/a	<	5	µg/L	EPA 625.1	5	10	WKL	
MO-VEN	2020/21-3	Wet	3/10/2021 10:50:00 AM	4/2/2021 2:21:00 AM	Indeno(1,2,3-cd)pyrene	n/a	<	5.5	µg/L	EPA 625.1	5.5	20	WKL	
MO-VEN	2020/21-3	Wet	3/10/2021 10:50:00 AM	3/27/2021 4:45:00 AM	Indeno(1,2,3-cd)pyrene	n/a	<	0.65	µg/L	EPA 8270C	0.65	1	WKL	
MO-VEN	2020/21-3	Wet	3/10/2021 10:50:00 AM	4/2/2021 2:21:00 AM	Isophorone	n/a	<	2.1	µg/L	EPA 625.1	2.1	10	WKL	
MO-VEN	2020/21-3	Wet	3/10/2021 10:50:00 AM	4/2/2021 2:21:00 AM	Naphthalene	n/a	<	4.9	µg/L	EPA 625.1	4.9	10	WKL	
MO-VEN	2020/21-3	Wet	3/10/2021 10:50:00 AM	3/27/2021 4:45:00 AM	Naphthalene	n/a	<	0.26	µg/L	EPA 8270C	0.26	1	WKL	
MO-VEN	2020/21-3	Wet	3/10/2021 10:50:00 AM	4/2/2021 2:21:00 AM	Nitrobenzene	n/a	<	3.6	µg/L	EPA 625.1	3.6	10	WKL	
MO-VEN	2020/21-3	Wet	3/10/2021 10:50:00 AM	4/2/2021 2:21:00 AM	N-Nitrosodimethylamine	n/a	<	5	µg/L	EPA 625.1	5	10	WKL	
MO-VEN	2020/21-3	Wet	3/10/2021 10:50:00 AM	4/2/2021 2:21:00 AM	N-Nitrosodi-N-propylamine	n/a	<	2.6	µg/L	EPA 625.1	2.6	10	WKL	
MO-VEN	2020/21-3	Wet	3/10/2021 10:50:00 AM	4/2/2021 2:21:00 AM	N-Nitrosodiphenylamine	n/a	<	1.9	µg/L	EPA 625.1	1.9	10	WKL	
MO-VEN	2020/21-3	Wet	3/10/2021 10:50:00 AM	3/27/2021 4:45:00 AM	Phenanthrene	n/a	<	0.29	µg/L	EPA 8270C	0.29	1	WKL	
MO-VEN	2020/21-3	Wet	3/10/2021 10:50:00 AM	4/2/2021 2:21:00 AM	Phenanthrene	n/a	<	3.2	µg/L	EPA 625.1	3.2	10	WKL	
MO-VEN	2020/21-3	Wet	3/10/2021 10:50:00 AM	4/2/2021 2:21:00 AM	Phenol	n/a	<	1.6	µg/L	EPA 625.1	1.6	10	WKL	
MO-VEN	2020/21-3	Wet	3/10/2021 10:50:00 AM	3/26/2021 3:20:00 AM	Phenol	n/a	<	3.5	µg/L	EPA 8270C	3.5	10	WKL	
MO-VEN	2020/21-3	Wet	3/10/2021 10:50:00 AM	4/2/2021 2:21:00 AM	Pyrene	n/a	<	2.5	µg/L	EPA 625.1	2.5	10	WKL	
MO-VEN	2020/21-3	Wet	3/10/2021 10:50:00 AM	3/27/2021 4:45:00 AM	Pyrene	n/a	<	0.4	µg/L	EPA 8270C	0.4	1	WKL	
MO-VEN	2020/21-3	Wet	3/10/2021 10:50:00 AM	4/3/2021 12:58:00 AM	PCB Aroclor 1016	n/a	<	10	µg/L	EPA 608.3	10	10	WKL	
MO-VEN	2020/21-3	Wet	3/10/2021 10:50:00 AM	4/3/2021 12:58:00 AM	PCB Aroclor 1221	n/a	<	10	µg/L	EPA 608.3	10	10	WKL	
MO-VEN	2020/21-3	Wet	3/10/2021 10:50:00 AM	4/3/2021 12:58:00 AM	PCB Aroclor 1232	n/a	<	10	µg/L	EPA 608.3	10	10	WKL	
MO-VEN	2020/21-3	Wet	3/10/2021 10:50:00 AM	4/3/2021 12:58:00 AM	PCB Aroclor 1242	n/a	<	10	µg/L	EPA 608.3	10	10	WKL	
MO-VEN	2020/21-3	Wet	3/10/2021 10:50:00 AM	4/3/2021 12:58:00 AM	PCB Aroclor 1248	n/a	<	10	µg/L	EPA 608.3	10	10	WKL	
MO-VEN	2020/21-3	Wet	3/10/2021 10:50:00 AM	4/3/2021 12:58:00 AM	PCB Aroclor 1254	n/a	<	10	µg/L	EPA 608.3	10	10	WKL	
MO-VEN	2020/21-3	Wet	3/10/2021 10:50:00 AM	4/3/2021 12:58:00 AM	PCB Aroclor 1260	n/a	<	10	µg/L	EPA 608.3	10	10	WKL	
MO-VEN	2020/21-3	Wet	3/10/2021 10:50:00 AM	3/27/2021 8:56:00 PM	2,4,5-T	n/a	<	0.28	µg/L	EPA 515.4	0.28	1	WKL	
MO-VEN	2020/21-3	Wet	3/10/2021 10:50:00 AM	3/27/2021 8:56:00 PM	2,4,5-TP	n/a	<	0.23	µg/L	EPA 515.4	0.23	1	WKL	
MO-VEN	2020/21-3	Wet	3/10/2021 10:50:00 AM	3/27/2021 8:56:00 PM	2,4-D	n/a	<	0.7	µg/L	EPA 515.4	0.7	2	WKL	
MO-VEN	2020/21-3	Wet	3/10/2021 10:50:00 AM	3/27/2021 8:56:00 PM	2,4-DB	n/a	<	0.95	µg/L	EPA 515.4	0.95	10	WKL	
MO-VEN	2020/21-3	Wet	3/10/2021 10:50:00 AM	3/27/2021 8:56:00 PM	3,5-Dichlorobenzoic acid	n/a	<	0.6	µg/L	EPA 515.4	0.6	5	WKL	
MO-VEN	2020/21-3	Wet	3/10/2021 10:50:00 AM	4/3/2021 12:58:00 AM	4,4'-DDD	n/a	<	0.014	µg/L	EPA 608.3	0.014	1	WKL	
MO-VEN	2020/21-3	Wet	3/10/2021 10:50:00 AM	4/3/2021 12:58:00 AM	4,4'-DDE	n/a	DNQ	0.035	µg/L	EPA 608.3	0.014	1	WKL	
MO-VEN	2020/21-3	Wet	3/10/2021 10:50:00 AM	4/3/2021 12:58:00 AM	4,4'-DDT	n/a	<	0.022	µg/L	EPA 608.3	0.022	0.2	WKL	
MO-VEN	2020/21-3	Wet	3/10/2021 10:50:00 AM	3/27/2021 8:56:00 PM	Acifluorfen	n/a	<	0.36	µg/L	EPA 515.4	0.36	2	WKL	
MO-VEN	2020/21-3	Wet	3/10/2021 10:50:00 AM	3/17/2021 5:55:00 AM	Alachlor	n/a	<	0.12	µg/L	EPA 525.2	0.12	0.4	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-VEN	2020/21-3	Wet	3/10/2021 10:50:00 AM	4/3/2021 12:58:00 AM	Aldrin	n/a	<	0.02	µg/L	EPA 608.3	0.02	0.1	WKL	
MO-VEN	2020/21-3	Wet	3/10/2021 10:50:00 AM	4/3/2021 12:58:00 AM	alpha-BHC	n/a	<	0.022	µg/L	EPA 608.3	0.022	0.2	WKL	
MO-VEN	2020/21-3	Wet	3/10/2021 10:50:00 AM	4/3/2021 12:58:00 AM	alpha-Chlordane	n/a	<	0.058	µg/L	EPA 608.3	0.058	0.2	WKL	
MO-VEN	2020/21-3	Wet	3/10/2021 10:50:00 AM	3/17/2021 5:55:00 AM	Atrazine	n/a	<	0.12	µg/L	EPA 525.2	0.12	0.4	WKL	
MO-VEN	2020/21-3	Wet	3/10/2021 10:50:00 AM	3/18/2021 2:22:00 AM	Azinphos methyl	n/a	<	0.011	µg/L	EPA 625.1m	0.011	0.02	WKL	
MO-VEN	2020/21-3	Wet	3/10/2021 10:50:00 AM	3/27/2021 8:56:00 PM	Bentazon	n/a	<	1.2	µg/L	EPA 515.4	1.2	10	WKL	
MO-VEN	2020/21-3	Wet	3/10/2021 10:50:00 AM	4/3/2021 12:58:00 AM	beta-BHC	n/a	<	0.03	µg/L	EPA 608.3	0.03	0.1	WKL	
MO-VEN	2020/21-3	Wet	3/10/2021 10:50:00 AM	3/18/2021 2:22:00 AM	Bolstar	n/a	<	0.0092	µg/L	EPA 625.1m	0.0092	0.02	WKL	
MO-VEN	2020/21-3	Wet	3/10/2021 10:50:00 AM	3/17/2021 5:55:00 AM	Bromacil	n/a	<	0.64	µg/L	EPA 525.2	0.64	2	WKL	
MO-VEN	2020/21-3	Wet	3/10/2021 10:50:00 AM	3/17/2021 5:55:00 AM	Butachlor	n/a	<	0.12	µg/L	EPA 525.2	0.12	0.4	WKL	
MO-VEN	2020/21-3	Wet	3/10/2021 10:50:00 AM	3/17/2021 5:55:00 AM	Captan	n/a	<	0.64	µg/L	EPA 525.2	0.64	4	WKL	
MO-VEN	2020/21-3	Wet	3/10/2021 10:50:00 AM	4/3/2021 12:58:00 AM	Chlordane (technical)	n/a	<	10	µg/L	EPA 608.3	10	10	WKL	
MO-VEN	2020/21-3	Wet	3/10/2021 10:50:00 AM	3/17/2021 5:55:00 AM	Chlorpropham	n/a	<	0.16	µg/L	EPA 525.2	0.16	0.4	WKL	
MO-VEN	2020/21-3	Wet	3/10/2021 10:50:00 AM	3/18/2021 2:22:00 AM	Chlorpyrifos	n/a	<	0.014	µg/L	EPA 625.1m	0.014	0.02	WKL	
MO-VEN	2020/21-3	Wet	3/10/2021 10:50:00 AM	3/18/2021 2:22:00 AM	Coumaphos	n/a	<	0.01	µg/L	EPA 625.1m	0.01	0.02	WKL	
MO-VEN	2020/21-3	Wet	3/10/2021 10:50:00 AM	3/17/2021 5:55:00 AM	Cyanazine	n/a	<	0.16	µg/L	EPA 525.2	0.16	0.4	WKL	
MO-VEN	2020/21-3	Wet	3/10/2021 10:50:00 AM	3/27/2021 8:56:00 PM	Dalapon	n/a	<	0.55	µg/L	EPA 515.4	0.55	2	WKL	
MO-VEN	2020/21-3	Wet	3/10/2021 10:50:00 AM	3/27/2021 8:56:00 PM	DCPA (Dacthal)	n/a	<	0.26	µg/L	EPA 515.4	0.26	0.5	WKL	
MO-VEN	2020/21-3	Wet	3/10/2021 10:50:00 AM	4/3/2021 12:58:00 AM	delta-BHC	n/a	<	0.1	µg/L	EPA 608.3	0.1	0.1	WKL	
MO-VEN	2020/21-3	Wet	3/10/2021 10:50:00 AM	3/18/2021 2:22:00 AM	Demeton-O	n/a	<	0.02	µg/L	EPA 625.1m	0.02	0.02	WKL	
MO-VEN	2020/21-3	Wet	3/10/2021 10:50:00 AM	3/18/2021 2:22:00 AM	Demeton-S	n/a	<	0.02	µg/L	EPA 625.1m	0.02	0.02	WKL	
MO-VEN	2020/21-3	Wet	3/10/2021 10:50:00 AM	3/17/2021 5:55:00 AM	Diazinon	n/a	<	0.2	µg/L	EPA 525.2	0.2	0.4	WKL	
MO-VEN	2020/21-3	Wet	3/10/2021 10:50:00 AM	3/18/2021 2:22:00 AM	Diazinon	n/a	<	0.01	µg/L	EPA 625.1m	0.01	0.02	WKL	
MO-VEN	2020/21-3	Wet	3/10/2021 10:50:00 AM	3/27/2021 8:56:00 PM	Dicamba	n/a	<	0.38	µg/L	EPA 515.4	0.38	3	WKL	
MO-VEN	2020/21-3	Wet	3/10/2021 10:50:00 AM	3/27/2021 8:56:00 PM	Dichlorprop	n/a	<	0.6	µg/L	EPA 515.4	0.6	1.5	WKL	
MO-VEN	2020/21-3	Wet	3/10/2021 10:50:00 AM	3/18/2021 2:22:00 AM	Dichlorvos	n/a	<	0.0058	µg/L	EPA 625.1m	0.0058	0.02	WKL	
MO-VEN	2020/21-3	Wet	3/10/2021 10:50:00 AM	4/3/2021 12:58:00 AM	Dieldrin	n/a	<	0.2	µg/L	EPA 608.3	0.2	0.2	WKL	
MO-VEN	2020/21-3	Wet	3/10/2021 10:50:00 AM	3/17/2021 5:55:00 AM	Dimethoate	n/a	<	0.08	µg/L	EPA 525.2	0.08	0.8	WKL	
MO-VEN	2020/21-3	Wet	3/10/2021 10:50:00 AM	3/18/2021 2:22:00 AM	Dimethoate	n/a	<	0.012	µg/L	EPA 625.1m	0.012	0.02	WKL	
MO-VEN	2020/21-3	Wet	3/10/2021 10:50:00 AM	3/27/2021 8:56:00 PM	Dinoseb	n/a	<	0.28	µg/L	EPA 515.4	0.28	2	WKL	
MO-VEN	2020/21-3	Wet	3/10/2021 10:50:00 AM	3/17/2021 5:55:00 AM	Diphenamid	n/a	<	0.12	µg/L	EPA 525.2	0.12	0.4	WKL	
MO-VEN	2020/21-3	Wet	3/10/2021 10:50:00 AM	3/17/2021 5:55:00 AM	Disulfoton	n/a	<	0.16	µg/L	EPA 525.2	0.16	0.4	WKL	
MO-VEN	2020/21-3	Wet	3/10/2021 10:50:00 AM	3/18/2021 2:22:00 AM	Disulfoton	n/a	<	0.02	µg/L	EPA 625.1m	0.02	0.02	WKL	
MO-VEN	2020/21-3	Wet	3/10/2021 10:50:00 AM	4/3/2021 12:58:00 AM	Endosulfan I	n/a	<	0.018	µg/L	EPA 608.3	0.018	0.4	WKL	
MO-VEN	2020/21-3	Wet	3/10/2021 10:50:00 AM	4/3/2021 12:58:00 AM	Endosulfan II	n/a	<	0.014	µg/L	EPA 608.3	0.014	0.2	WKL	
MO-VEN	2020/21-3	Wet	3/10/2021 10:50:00 AM	4/3/2021 12:58:00 AM	Endosulfan sulfate	n/a	<	0.026	µg/L	EPA 608.3	0.026	1	WKL	
MO-VEN	2020/21-3	Wet	3/10/2021 10:50:00 AM	4/3/2021 12:58:00 AM	Endrin	n/a	<	0.034	µg/L	EPA 608.3	0.034	0.2	WKL	
MO-VEN	2020/21-3	Wet	3/10/2021 10:50:00 AM	4/3/2021 12:58:00 AM	Endrin aldehyde	n/a	<	0.038	µg/L	EPA 608.3	0.038	0.2	WKL	
MO-VEN	2020/21-3	Wet	3/10/2021 10:50:00 AM	3/17/2021 5:55:00 AM	EPTC	n/a	<	0.08	µg/L	EPA 525.2	0.08	0.4	WKL	
MO-VEN	2020/21-3	Wet	3/10/2021 10:50:00 AM	3/18/2021 2:22:00 AM	Ethoprop	n/a	<	0.013	µg/L	EPA 625.1m	0.013	0.02	WKL	
MO-VEN	2020/21-3	Wet	3/10/2021 10:50:00 AM	3/18/2021 2:22:00 AM	Ethyl parathion	n/a	<	0.011	µg/L	EPA 625.1m	0.011	0.02	WKL	
MO-VEN	2020/21-3	Wet	3/10/2021 10:50:00 AM	3/18/2021 2:22:00 AM	Fensulfothion	n/a	<	0.0058	µg/L	EPA 625.1m	0.0058	0.02	WKL	
MO-VEN	2020/21-3	Wet	3/10/2021 10:50:00 AM	3/18/2021 2:22:00 AM	Fenthion	n/a	<	0.0076	µg/L	EPA 625.1m	0.0076	0.02	WKL	
MO-VEN	2020/21-3	Wet	3/10/2021 10:50:00 AM	4/3/2021 12:58:00 AM	gamma-BHC (Lindane)	n/a	<	0.008	µg/L	EPA 608.3	0.008	0.4	WKL	
MO-VEN	2020/21-3	Wet	3/10/2021 10:50:00 AM	4/3/2021 12:58:00 AM	gamma-Chlordane	n/a	<	0.046	µg/L	EPA 608.3	0.046	0.2	WKL	
MO-VEN	2020/21-3	Wet	3/10/2021 10:50:00 AM	3/18/2021 3:35:00 AM	Glyphosate	n/a	=	100	µg/L	EPA 547	9	25	WKL	
MO-VEN	2020/21-3	Wet	3/10/2021 10:50:00 AM	4/3/2021 12:58:00 AM	Heptachlor	n/a	<	0.012	µg/L	EPA 608.3	0.012	0.2	WKL	
MO-VEN	2020/21-3	Wet	3/10/2021 10:50:00 AM	4/3/2021 12:58:00 AM	Heptachlor epoxide	n/a	<	0.008	µg/L	EPA 608.3	0.008	0.2	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-VEN	2020/21-3	Wet	3/10/2021 10:50:00 AM	3/18/2021 2:22:00 AM	Malathion	n/a	=	0.064	µg/L	EPA 625.1m	0.015	0.02	WKL	
MO-VEN	2020/21-3	Wet	3/10/2021 10:50:00 AM	3/18/2021 2:22:00 AM	Merphos	n/a	<	0.012	µg/L	EPA 625.1m	0.012	0.02	WKL	
MO-VEN	2020/21-3	Wet	3/10/2021 10:50:00 AM	3/18/2021 2:22:00 AM	Methyl parathion	n/a	<	0.013	µg/L	EPA 625.1m	0.013	0.02	WKL	
MO-VEN	2020/21-3	Wet	3/10/2021 10:50:00 AM	3/17/2021 5:55:00 AM	Metolachlor	n/a	<	0.12	µg/L	EPA 525.2	0.12	0.4	WKL	
MO-VEN	2020/21-3	Wet	3/10/2021 10:50:00 AM	3/17/2021 5:55:00 AM	Metribuzin	n/a	<	0.12	µg/L	EPA 525.2	0.12	0.4	WKL	
MO-VEN	2020/21-3	Wet	3/10/2021 10:50:00 AM	3/18/2021 2:22:00 AM	Mevinphos	n/a	<	0.0084	µg/L	EPA 625.1m	0.0084	0.02	WKL	
MO-VEN	2020/21-3	Wet	3/10/2021 10:50:00 AM	3/17/2021 5:55:00 AM	Molinate	n/a	<	0.12	µg/L	EPA 525.2	0.12	0.4	WKL	
MO-VEN	2020/21-3	Wet	3/10/2021 10:50:00 AM	3/18/2021 2:22:00 AM	Naled	n/a	<	0.015	µg/L	EPA 625.1m	0.015	0.02	WKL	
MO-VEN	2020/21-3	Wet	3/10/2021 10:50:00 AM	3/26/2021 3:20:00 AM	Pentachlorophenol	n/a	<	1.5	µg/L	EPA 8270C	1.5	10	WKL	
MO-VEN	2020/21-3	Wet	3/10/2021 10:50:00 AM	3/27/2021 8:56:00 PM	Pentachlorophenol	n/a	<	0.23	µg/L	EPA 515.4	0.23	1	WKL	
MO-VEN	2020/21-3	Wet	3/10/2021 10:50:00 AM	4/2/2021 2:21:00 AM	Pentachlorophenol	n/a	<	4	µg/L	EPA 625.1	4	10	WKL	
MO-VEN	2020/21-3	Wet	3/10/2021 10:50:00 AM	3/18/2021 2:22:00 AM	Phorate	n/a	<	0.006	µg/L	EPA 625.1m	0.006	0.02	WKL	
MO-VEN	2020/21-3	Wet	3/10/2021 10:50:00 AM	3/27/2021 8:56:00 PM	Picloram	n/a	<	0.19	µg/L	EPA 515.4	0.19	3	WKL	
MO-VEN	2020/21-3	Wet	3/10/2021 10:50:00 AM	3/17/2021 5:55:00 AM	Prometon	n/a	<	0.04	µg/L	EPA 525.2	0.04	0.4	WKL	
MO-VEN	2020/21-3	Wet	3/10/2021 10:50:00 AM	3/17/2021 5:55:00 AM	Prometryn	n/a	<	0.12	µg/L	EPA 525.2	0.12	0.4	WKL	
MO-VEN	2020/21-3	Wet	3/10/2021 10:50:00 AM	3/18/2021 2:22:00 AM	Ronnel (Fenchlorphos)	n/a	<	0.0082	µg/L	EPA 625.1m	0.0082	0.02	WKL	
MO-VEN	2020/21-3	Wet	3/10/2021 10:50:00 AM	3/17/2021 5:55:00 AM	Simazine	n/a	<	0.08	µg/L	EPA 525.2	0.08	0.4	WKL	
MO-VEN	2020/21-3	Wet	3/10/2021 10:50:00 AM	3/18/2021 2:22:00 AM	Stirophos (Tetrachlorvinphos)	n/a	<	0.0062	µg/L	EPA 625.1m	0.0062	0.02	WKL	
MO-VEN	2020/21-3	Wet	3/10/2021 10:50:00 AM	3/17/2021 5:55:00 AM	Terbacil	n/a	<	0.36	µg/L	EPA 525.2	0.36	8	WKL	
MO-VEN	2020/21-3	Wet	3/10/2021 10:50:00 AM	3/17/2021 5:55:00 AM	Thiobencarb	n/a	<	0.12	µg/L	EPA 525.2	0.12	0.4	WKL	
MO-VEN	2020/21-3	Wet	3/10/2021 10:50:00 AM	3/18/2021 2:22:00 AM	Toxothion	n/a	<	0.016	µg/L	EPA 625.1m	0.016	0.02	WKL	
MO-VEN	2020/21-3	Wet	3/10/2021 10:50:00 AM	4/3/2021 12:58:00 AM	Toxaphene	n/a	<	20	µg/L	EPA 608.3	20	20	WKL	
MO-VEN	2020/21-3	Wet	3/10/2021 10:50:00 AM	3/18/2021 2:22:00 AM	Trichloronate	n/a	<	0.013	µg/L	EPA 625.1m	0.013	0.02	WKL	
MO-VEN	2020/21-3	Wet	3/10/2021 10:50:00 AM	3/17/2021 5:55:00 AM	Trithion	n/a	<	0.08	µg/L	EPA 525.2	0.08	0.4	WKL	
SCR Down-a	PS-2021	Dry	3/24/2021 11:30:00 AM	3/24/2021 11:30:00 AM	Conductivity	n/a	=	3888	µmhos/cm	Field Meter	-88	1	Field Crew	
SCR Down-a	PS-2021	Dry	3/24/2021 11:30:00 AM	3/24/2021 11:30:00 AM	Discharge	n/a	=	0.1	cfs	Field Meter	-88	-88	Field Crew	
SCR Down-a	PS-2021	Dry	3/24/2021 11:30:00 AM	3/24/2021 11:30:00 AM	DO	n/a	=	11.44	mg/L	Field Meter	-88	0.3	Field Crew	
SCR Down-a	PS-2021	Dry	3/24/2021 11:30:00 AM	3/24/2021 11:30:00 AM	DO	n/a	=	122.4	%	Field Meter	-88	0.1	Field Crew	
SCR Down-a	PS-2021	Dry	3/24/2021 11:30:00 AM	3/24/2021 11:30:00 AM	pH	n/a	=	8	pH Units	Field Meter	-88	0.01	Field Crew	
SCR Down-a	PS-2021	Dry	3/24/2021 11:30:00 AM	3/24/2021 11:30:00 AM	Salinity	n/a	=	2400	mg/L	Field Meter	-88	100	Field Crew	
SCR Down-a	PS-2021	Dry	3/24/2021 11:30:00 AM	3/24/2021 11:30:00 AM	Specific Conductance	n/a	=	4499	µmhos/cm	Field Meter	-88	1	Field Crew	
SCR Down-a	PS-2021	Dry	3/24/2021 11:30:00 AM	3/24/2021 11:30:00 AM	Temperature	n/a	=	17.8	°C	Field Meter	-88	0.1	Field Crew	
SCR Down-a	PS-2021	Dry	3/24/2021 11:30:00 AM	4/2/2021 12:52:00 PM	Total Organic Carbon	n/a	=	29000	mg/Kg dw	EPA 9060	68.3	380	WKL	
SCR Down-a	PS-2021	Dry	3/24/2021 11:30:00 AM	5/3/2021 5:11:00 PM	Total Solids	Total	=	52.7	%	EPA 160.3	-88	0.1	WKL	EST-HT
SCR Down-a	PS-2021	Dry	3/24/2021 11:30:00 AM	3/24/2021 11:30:00 AM	Turbidity	n/a	=	7.57	NTU	Field Meter	-88	0.01	Field Crew	
SCR Down-a	PS-2021	Dry	3/24/2021 11:30:00 AM	3/27/2021 4:11:00 AM	Dichloran	n/a	=	94	ng/g dw	rtthrdGCMS-SI	7.5	7.5	WKL	DG, EST-HT
SCR Down-a	PS-2021	Dry	3/24/2021 11:30:00 AM	3/27/2021 4:11:00 AM	Dichloran	n/a	=	49	ng/g ww	rtthrdGCMS-SI	4	4	WKL	DG
SCR Down-a	PS-2021	Dry	3/24/2021 11:30:00 AM	3/27/2021 4:11:00 AM	Pendimethalin	n/a	=	30	ng/g dw	rtthrdGCMS-SI	7.5	7.5	WKL	DG, EST-HT
SCR Down-a	PS-2021	Dry	3/24/2021 11:30:00 AM	3/27/2021 4:11:00 AM	Pendimethalin	n/a	=	16	ng/g ww	rtthrdGCMS-SI	4	4	WKL	DG
SCR Down-a	PS-2021	Dry	3/24/2021 11:30:00 AM	3/27/2021 4:11:00 AM	Allethrin	n/a	<	4	ng/g ww	rtthrdGCMS-SI	4	4	WKL	DG
SCR Down-a	PS-2021	Dry	3/24/2021 11:30:00 AM	3/27/2021 4:11:00 AM	Allethrin	n/a	<	7.5	ng/g dw	rtthrdGCMS-SI	7.5	7.5	WKL	DG, EST-HT
SCR Down-a	PS-2021	Dry	3/24/2021 11:30:00 AM	3/27/2021 4:11:00 AM	Bifenthrin	n/a	<	4	ng/g ww	rtthrdGCMS-SI	4	4	WKL	DG
SCR Down-a	PS-2021	Dry	3/24/2021 11:30:00 AM	3/27/2021 4:11:00 AM	Bifenthrin	n/a	<	7.5	ng/g dw	rtthrdGCMS-SI	7.5	7.5	WKL	DG, EST-HT
SCR Down-a	PS-2021	Dry	3/24/2021 11:30:00 AM	3/27/2021 4:11:00 AM	Cyfluthrin	n/a	<	4	ng/g ww	rtthrdGCMS-SI	4	4	WKL	DG
SCR Down-a	PS-2021	Dry	3/24/2021 11:30:00 AM	3/27/2021 4:11:00 AM	Cyfluthrin	n/a	<	7.5	ng/g dw	rtthrdGCMS-SI	7.5	7.5	WKL	DG, EST-HT
SCR Down-a	PS-2021	Dry	3/24/2021 11:30:00 AM	3/27/2021 4:11:00 AM	Cypermethrin	n/a	<	7.5	ng/g dw	rtthrdGCMS-SI	7.5	7.5	WKL	DG, EST-HT
SCR Down-a	PS-2021	Dry	3/24/2021 11:30:00 AM	3/27/2021 4:11:00 AM	Cypermethrin	n/a	<	4	ng/g ww	rtthrdGCMS-SI	4	4	WKL	DG
SCR Down-a	PS-2021	Dry	3/24/2021 11:30:00 AM	3/27/2021 4:11:00 AM	Deltamethrin	n/a	<	7.5	ng/g dw	rtthrdGCMS-SI	7.5	7.5	WKL	DG, EST-HT

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
SCR Down-a	PS-2021	Dry	3/24/2021 11:30:00 AM	3/27/2021 4:11:00 AM	Deltamethrin	n/a	<	4	ng/g ww	rthrdGCMS-SI	4	4	WKL	DG
SCR Down-a	PS-2021	Dry	3/24/2021 11:30:00 AM	3/27/2021 4:11:00 AM	Esfenvalerate	n/a	<	4	ng/g ww	rthrdGCMS-SI	4	4	WKL	DG
SCR Down-a	PS-2021	Dry	3/24/2021 11:30:00 AM	3/27/2021 4:11:00 AM	Esfenvalerate	n/a	<	7.5	ng/g dw	rthrdGCMS-SI	7.5	7.5	WKL	DG, EST-HT
SCR Down-a	PS-2021	Dry	3/24/2021 11:30:00 AM	3/27/2021 4:11:00 AM	Fenpropathrin (Danitol)	n/a	<	7.5	ng/g dw	rthrdGCMS-SI	7.5	7.5	WKL	DG, EST-HT
SCR Down-a	PS-2021	Dry	3/24/2021 11:30:00 AM	3/27/2021 4:11:00 AM	Fenpropathrin (Danitol)	n/a	<	4	ng/g ww	rthrdGCMS-SI	4	4	WKL	DG
SCR Down-a	PS-2021	Dry	3/24/2021 11:30:00 AM	3/27/2021 4:11:00 AM	Fenvalerate	n/a	<	7.5	ng/g dw	rthrdGCMS-SI	7.5	7.5	WKL	DG, EST-HT
SCR Down-a	PS-2021	Dry	3/24/2021 11:30:00 AM	3/27/2021 4:11:00 AM	Fenvalerate	n/a	<	4	ng/g ww	rthrdGCMS-SI	4	4	WKL	DG
SCR Down-a	PS-2021	Dry	3/24/2021 11:30:00 AM	3/27/2021 4:11:00 AM	lambda-Cyhalothrin	n/a	<	7.5	ng/g dw	rthrdGCMS-SI	7.5	7.5	WKL	DG, EST-HT
SCR Down-a	PS-2021	Dry	3/24/2021 11:30:00 AM	3/27/2021 4:11:00 AM	lambda-Cyhalothrin	n/a	<	4	ng/g ww	rthrdGCMS-SI	4	4	WKL	DG
SCR Down-a	PS-2021	Dry	3/24/2021 11:30:00 AM	3/27/2021 4:11:00 AM	Permethrin	n/a	<	4	ng/g ww	rthrdGCMS-SI	4	4	WKL	DG
SCR Down-a	PS-2021	Dry	3/24/2021 11:30:00 AM	3/27/2021 4:11:00 AM	Permethrin	n/a	<	7.5	ng/g dw	rthrdGCMS-SI	7.5	7.5	WKL	DG, EST-HT
SCR Down-a	PS-2021	Dry	3/24/2021 11:30:00 AM	3/27/2021 4:11:00 AM	Phenothrin (Sumithrin)	n/a	<	7.5	ng/g dw	rthrdGCMS-SI	7.5	7.5	WKL	DG, EST-HT
SCR Down-a	PS-2021	Dry	3/24/2021 11:30:00 AM	3/27/2021 4:11:00 AM	Phenothrin (Sumithrin)	n/a	<	4	ng/g ww	rthrdGCMS-SI	4	4	WKL	DG
SCR Down-a	PS-2021	Dry	3/24/2021 11:30:00 AM	3/27/2021 4:11:00 AM	Prallethrin	n/a	<	4	ng/g ww	rthrdGCMS-SI	4	4	WKL	DG
SCR Down-a	PS-2021	Dry	3/24/2021 11:30:00 AM	3/27/2021 4:11:00 AM	Prallethrin	n/a	<	7.5	ng/g dw	rthrdGCMS-SI	7.5	7.5	WKL	DG, EST-HT
SCR Down-a	PS-2021	Dry	3/24/2021 11:30:00 AM	3/27/2021 4:11:00 AM	Tefluthrin	n/a	<	4	ng/g ww	rthrdGCMS-SI	4	4	WKL	DG
SCR Down-a	PS-2021	Dry	3/24/2021 11:30:00 AM	3/27/2021 4:11:00 AM	Tefluthrin	n/a	<	7.5	ng/g dw	rthrdGCMS-SI	7.5	7.5	WKL	DG, EST-HT
SCR Down-a	PS-2021	Dry	3/24/2021 11:30:00 AM	3/27/2021 4:11:00 AM	Tralomethrin	n/a	<	4	ng/g ww	rthrdGCMS-SI	4	4	WKL	DG
SCR Down-a	PS-2021	Dry	3/24/2021 11:30:00 AM	3/27/2021 4:11:00 AM	Tralomethrin	n/a	<	7.5	ng/g dw	rthrdGCMS-SI	7.5	7.5	WKL	DG, EST-HT
SCR Up	PS-2021	Dry	3/24/2021 8:00:00 AM	3/24/2021 8:00:00 AM	Conductivity	n/a	=	930	µmhos/cm	Field Meter	-88	1	Field Crew	
SCR Up	PS-2021	Dry	3/24/2021 8:00:00 AM	3/24/2021 8:00:00 AM	Discharge	n/a	=	1.8	cfs	Field Meter	-88	-88	Field Crew	
SCR Up	PS-2021	Dry	3/24/2021 8:00:00 AM	3/24/2021 8:00:00 AM	DO	n/a	=	10.06	mg/L	Field Meter	-88	0.3	Field Crew	
SCR Up	PS-2021	Dry	3/24/2021 8:00:00 AM	3/24/2021 8:00:00 AM	DO	n/a	=	92.5	%	Field Meter	-88	0.1	Field Crew	
SCR Up	PS-2021	Dry	3/24/2021 8:00:00 AM	3/24/2021 8:00:00 AM	pH	n/a	=	8.15	pH Units	Field Meter	-88	0.01	Field Crew	
SCR Up	PS-2021	Dry	3/24/2021 8:00:00 AM	3/24/2021 8:00:00 AM	Salinity	n/a	=	600	mg/L	Field Meter	-88	100	Field Crew	
SCR Up	PS-2021	Dry	3/24/2021 8:00:00 AM	3/24/2021 8:00:00 AM	Specific Conductance	n/a	=	1258	µmhos/cm	Field Meter	-88	1	Field Crew	
SCR Up	PS-2021	Dry	3/24/2021 8:00:00 AM	3/24/2021 8:00:00 AM	Temperature	n/a	=	11.3	°C	Field Meter	-88	0.1	Field Crew	
SCR Up	PS-2021	Dry	3/24/2021 8:00:00 AM	4/2/2021 12:52:00 PM	Total Organic Carbon	n/a	=	11300	mg/Kg dw	EPA 9060	57.7	321	WKL	
SCR Up	PS-2021	Dry	3/24/2021 8:00:00 AM	5/3/2021 5:11:00 PM	Total Solids	Total	=	62.4	%	EPA 160.3	-88	0.1	WKL	EST-HT
SCR Up	PS-2021	Dry	3/24/2021 8:00:00 AM	3/24/2021 8:00:00 AM	Turbidity	n/a	=	9.22	NTU	Field Meter	-88	0.01	Field Crew	
SCR Up	PS-2021	Dry	3/24/2021 8:00:00 AM	3/27/2021 3:44:00 AM	Dichloran	n/a	<	4	ng/g ww	rthrdGCMS-SI	4	4	WKL	DG
SCR Up	PS-2021	Dry	3/24/2021 8:00:00 AM	3/27/2021 3:44:00 AM	Dichloran	n/a	<	6.4	ng/g dw	rthrdGCMS-SI	6.4	6.4	WKL	DG, EST-HT
SCR Up	PS-2021	Dry	3/24/2021 8:00:00 AM	3/27/2021 3:44:00 AM	Pendimethalin	n/a	<	4	ng/g ww	rthrdGCMS-SI	4	4	WKL	DG
SCR Up	PS-2021	Dry	3/24/2021 8:00:00 AM	3/27/2021 3:44:00 AM	Pendimethalin	n/a	<	6.4	ng/g dw	rthrdGCMS-SI	6.4	6.4	WKL	DG, EST-HT
SCR Up	PS-2021	Dry	3/24/2021 8:00:00 AM	3/27/2021 3:44:00 AM	Allethrin	n/a	<	6.4	ng/g dw	rthrdGCMS-SI	6.4	6.4	WKL	DG, EST-HT
SCR Up	PS-2021	Dry	3/24/2021 8:00:00 AM	3/27/2021 3:44:00 AM	Allethrin	n/a	<	4	ng/g ww	rthrdGCMS-SI	4	4	WKL	DG
SCR Up	PS-2021	Dry	3/24/2021 8:00:00 AM	3/27/2021 3:44:00 AM	Bifenthrin	n/a	<	6.4	ng/g dw	rthrdGCMS-SI	6.4	6.4	WKL	DG, EST-HT
SCR Up	PS-2021	Dry	3/24/2021 8:00:00 AM	3/27/2021 3:44:00 AM	Bifenthrin	n/a	<	4	ng/g ww	rthrdGCMS-SI	4	4	WKL	DG
SCR Up	PS-2021	Dry	3/24/2021 8:00:00 AM	3/27/2021 3:44:00 AM	Cyfluthrin	n/a	<	6.4	ng/g dw	rthrdGCMS-SI	6.4	6.4	WKL	DG, EST-HT
SCR Up	PS-2021	Dry	3/24/2021 8:00:00 AM	3/27/2021 3:44:00 AM	Cyfluthrin	n/a	<	4	ng/g ww	rthrdGCMS-SI	4	4	WKL	DG
SCR Up	PS-2021	Dry	3/24/2021 8:00:00 AM	3/27/2021 3:44:00 AM	Cypermethrin	n/a	<	6.4	ng/g dw	rthrdGCMS-SI	6.4	6.4	WKL	DG, EST-HT
SCR Up	PS-2021	Dry	3/24/2021 8:00:00 AM	3/27/2021 3:44:00 AM	Cypermethrin	n/a	<	4	ng/g ww	rthrdGCMS-SI	4	4	WKL	DG
SCR Up	PS-2021	Dry	3/24/2021 8:00:00 AM	3/27/2021 3:44:00 AM	Deltamethrin	n/a	<	4	ng/g ww	rthrdGCMS-SI	4	4	WKL	DG
SCR Up	PS-2021	Dry	3/24/2021 8:00:00 AM	3/27/2021 3:44:00 AM	Deltamethrin	n/a	<	6.4	ng/g dw	rthrdGCMS-SI	6.4	6.4	WKL	DG, EST-HT
SCR Up	PS-2021	Dry	3/24/2021 8:00:00 AM	3/27/2021 3:44:00 AM	Esfenvalerate	n/a	<	4	ng/g ww	rthrdGCMS-SI	4	4	WKL	DG
SCR Up	PS-2021	Dry	3/24/2021 8:00:00 AM	3/27/2021 3:44:00 AM	Esfenvalerate	n/a	<	6.4	ng/g dw	rthrdGCMS-SI	6.4	6.4	WKL	DG, EST-HT
SCR Up	PS-2021	Dry	3/24/2021 8:00:00 AM	3/27/2021 3:44:00 AM	Fenpropathrin (Danitol)	n/a	<	6.4	ng/g dw	rthrdGCMS-SI	6.4	6.4	WKL	DG, EST-HT
SCR Up	PS-2021	Dry	3/24/2021 8:00:00 AM	3/27/2021 3:44:00 AM	Fenpropathrin (Danitol)	n/a	<	4	ng/g ww	rthrdGCMS-SI	4	4	WKL	DG

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
SCR Up	PS-2021	Dry	3/24/2021 8:00:00 AM	3/27/2021 3:44:00 AM	Fenvalerate	n/a	<	6.4	ng/g dw	rthrdGCMS-SI	6.4	6.4	WKL	DG, EST-HT
SCR Up	PS-2021	Dry	3/24/2021 8:00:00 AM	3/27/2021 3:44:00 AM	Fenvalerate	n/a	<	4	ng/g ww	rthrdGCMS-SI	4	4	WKL	DG
SCR Up	PS-2021	Dry	3/24/2021 8:00:00 AM	3/27/2021 3:44:00 AM	lambda-Cyhalothrin	n/a	<	4	ng/g ww	rthrdGCMS-SI	4	4	WKL	DG
SCR Up	PS-2021	Dry	3/24/2021 8:00:00 AM	3/27/2021 3:44:00 AM	lambda-Cyhalothrin	n/a	<	6.4	ng/g dw	rthrdGCMS-SI	6.4	6.4	WKL	DG, EST-HT
SCR Up	PS-2021	Dry	3/24/2021 8:00:00 AM	3/27/2021 3:44:00 AM	Permethrin	n/a	<	6.4	ng/g dw	rthrdGCMS-SI	6.4	6.4	WKL	DG, EST-HT
SCR Up	PS-2021	Dry	3/24/2021 8:00:00 AM	3/27/2021 3:44:00 AM	Permethrin	n/a	<	4	ng/g ww	rthrdGCMS-SI	4	4	WKL	DG
SCR Up	PS-2021	Dry	3/24/2021 8:00:00 AM	3/27/2021 3:44:00 AM	Phenothrin (Sumithrin)	n/a	<	4	ng/g ww	rthrdGCMS-SI	4	4	WKL	DG
SCR Up	PS-2021	Dry	3/24/2021 8:00:00 AM	3/27/2021 3:44:00 AM	Phenothrin (Sumithrin)	n/a	<	6.4	ng/g dw	rthrdGCMS-SI	6.4	6.4	WKL	DG, EST-HT
SCR Up	PS-2021	Dry	3/24/2021 8:00:00 AM	3/27/2021 3:44:00 AM	Prallethrin	n/a	<	4	ng/g ww	rthrdGCMS-SI	4	4	WKL	DG
SCR Up	PS-2021	Dry	3/24/2021 8:00:00 AM	3/27/2021 3:44:00 AM	Prallethrin	n/a	<	6.4	ng/g dw	rthrdGCMS-SI	6.4	6.4	WKL	DG, EST-HT
SCR Up	PS-2021	Dry	3/24/2021 8:00:00 AM	3/27/2021 3:44:00 AM	Tefluthrin	n/a	<	4	ng/g ww	rthrdGCMS-SI	4	4	WKL	DG
SCR Up	PS-2021	Dry	3/24/2021 8:00:00 AM	3/27/2021 3:44:00 AM	Tefluthrin	n/a	<	6.4	ng/g dw	rthrdGCMS-SI	6.4	6.4	WKL	DG, EST-HT
SCR Up	PS-2021	Dry	3/24/2021 8:00:00 AM	3/27/2021 3:44:00 AM	Tralomethrin	n/a	<	6.4	ng/g dw	rthrdGCMS-SI	6.4	6.4	WKL	DG, EST-HT
SCR Up	PS-2021	Dry	3/24/2021 8:00:00 AM	3/27/2021 3:44:00 AM	Tralomethrin	n/a	<	4	ng/g ww	rthrdGCMS-SI	4	4	WKL	DG
VR Down	PS-2021	Dry	3/23/2021 3:00:00 PM	3/23/2021 3:00:00 PM	Conductivity	n/a	=	1222	µmhos/cm	Field Meter	-88	1	Field Crew	
VR Down	PS-2021	Dry	3/23/2021 3:00:00 PM	3/23/2021 3:00:00 PM	Discharge	n/a	=	5.6	cfs	Field Meter	-88	-88	Field Crew	
VR Down	PS-2021	Dry	3/23/2021 3:00:00 PM	3/23/2021 3:00:00 PM	DO	n/a	=	105	%	Field Meter	-88	0.1	Field Crew	
VR Down	PS-2021	Dry	3/23/2021 3:00:00 PM	3/23/2021 3:00:00 PM	DO	n/a	=	10.37	mg/L	Field Meter	-88	0.3	Field Crew	
VR Down	PS-2021	Dry	3/23/2021 3:00:00 PM	3/23/2021 3:00:00 PM	pH	n/a	=	8.13	pH Units	Field Meter	-88	0.01	Field Crew	
VR Down	PS-2021	Dry	3/23/2021 3:00:00 PM	3/23/2021 3:00:00 PM	Salinity	n/a	=	800	mg/L	Field Meter	-88	100	Field Crew	
VR Down	PS-2021	Dry	3/23/2021 3:00:00 PM	3/23/2021 3:00:00 PM	Specific Conductance	n/a	=	1487	µmhos/cm	Field Meter	-88	1	Field Crew	
VR Down	PS-2021	Dry	3/23/2021 3:00:00 PM	3/23/2021 3:00:00 PM	Temperature	n/a	=	15.6	°C	Field Meter	-88	0.1	Field Crew	
VR Down	PS-2021	Dry	3/23/2021 3:00:00 PM	4/2/2021 12:52:00 PM	Total Organic Carbon	n/a	=	15900	mg/Kg dw	EPA 9060	53.4	297	WKL	
VR Down	PS-2021	Dry	3/23/2021 3:00:00 PM	5/3/2021 5:11:00 PM	Total Solids	Total	=	67.4	%	EPA 160.3	-88	0.1	WKL	EST-HT
VR Down	PS-2021	Dry	3/23/2021 3:00:00 PM	3/23/2021 3:00:00 PM	Turbidity	n/a	=	2.11	NTU	Field Meter	-88	0.01	Field Crew	
VR Down	PS-2021	Dry	3/23/2021 3:00:00 PM	3/27/2021 3:17:00 AM	Dichloran	n/a	<	6.3	ng/g dw	rthrdGCMS-SI	6.3	6.3	WKL	DG, EST-HT
VR Down	PS-2021	Dry	3/23/2021 3:00:00 PM	3/27/2021 3:17:00 AM	Dichloran	n/a	<	4.3	ng/g ww	rthrdGCMS-SI	4.3	4.3	WKL	DG
VR Down	PS-2021	Dry	3/23/2021 3:00:00 PM	3/27/2021 3:17:00 AM	Pendimethalin	n/a	<	4.3	ng/g ww	rthrdGCMS-SI	4.3	4.3	WKL	DG
VR Down	PS-2021	Dry	3/23/2021 3:00:00 PM	3/27/2021 3:17:00 AM	Pendimethalin	n/a	=	6.3	ng/g dw	rthrdGCMS-SI	6.3	6.3	WKL	DG, EST-HT
VR Down	PS-2021	Dry	3/23/2021 3:00:00 PM	3/27/2021 3:17:00 AM	Allethrin	n/a	<	6.3	ng/g dw	rthrdGCMS-SI	6.3	6.3	WKL	DG, EST-HT
VR Down	PS-2021	Dry	3/23/2021 3:00:00 PM	3/27/2021 3:17:00 AM	Allethrin	n/a	<	4.3	ng/g ww	rthrdGCMS-SI	4.3	4.3	WKL	DG
VR Down	PS-2021	Dry	3/23/2021 3:00:00 PM	3/27/2021 3:17:00 AM	Bifenthrin	n/a	<	6.3	ng/g dw	rthrdGCMS-SI	6.3	6.3	WKL	DG, EST-HT
VR Down	PS-2021	Dry	3/23/2021 3:00:00 PM	3/27/2021 3:17:00 AM	Bifenthrin	n/a	<	4.3	ng/g ww	rthrdGCMS-SI	4.3	4.3	WKL	DG
VR Down	PS-2021	Dry	3/23/2021 3:00:00 PM	3/27/2021 3:17:00 AM	Cyfluthrin	n/a	<	4.3	ng/g ww	rthrdGCMS-SI	4.3	4.3	WKL	DG
VR Down	PS-2021	Dry	3/23/2021 3:00:00 PM	3/27/2021 3:17:00 AM	Cyfluthrin	n/a	<	6.3	ng/g dw	rthrdGCMS-SI	6.3	6.3	WKL	DG, EST-HT
VR Down	PS-2021	Dry	3/23/2021 3:00:00 PM	3/27/2021 3:17:00 AM	Cypermethrin	n/a	<	6.3	ng/g dw	rthrdGCMS-SI	6.3	6.3	WKL	DG, EST-HT
VR Down	PS-2021	Dry	3/23/2021 3:00:00 PM	3/27/2021 3:17:00 AM	Cypermethrin	n/a	<	4.3	ng/g ww	rthrdGCMS-SI	4.3	4.3	WKL	DG
VR Down	PS-2021	Dry	3/23/2021 3:00:00 PM	3/27/2021 3:17:00 AM	Deltamethrin	n/a	<	6.3	ng/g dw	rthrdGCMS-SI	6.3	6.3	WKL	DG, EST-HT
VR Down	PS-2021	Dry	3/23/2021 3:00:00 PM	3/27/2021 3:17:00 AM	Deltamethrin	n/a	<	4.3	ng/g ww	rthrdGCMS-SI	4.3	4.3	WKL	DG
VR Down	PS-2021	Dry	3/23/2021 3:00:00 PM	3/27/2021 3:17:00 AM	Esfenvalerate	n/a	<	4.3	ng/g ww	rthrdGCMS-SI	4.3	4.3	WKL	DG
VR Down	PS-2021	Dry	3/23/2021 3:00:00 PM	3/27/2021 3:17:00 AM	Esfenvalerate	n/a	<	6.3	ng/g dw	rthrdGCMS-SI	6.3	6.3	WKL	DG, EST-HT
VR Down	PS-2021	Dry	3/23/2021 3:00:00 PM	3/27/2021 3:17:00 AM	Fenpropathrin (Danitol)	n/a	<	4.3	ng/g ww	rthrdGCMS-SI	4.3	4.3	WKL	DG
VR Down	PS-2021	Dry	3/23/2021 3:00:00 PM	3/27/2021 3:17:00 AM	Fenpropathrin (Danitol)	n/a	<	6.3	ng/g dw	rthrdGCMS-SI	6.3	6.3	WKL	DG, EST-HT
VR Down	PS-2021	Dry	3/23/2021 3:00:00 PM	3/27/2021 3:17:00 AM	Fenvalerate	n/a	<	4.3	ng/g ww	rthrdGCMS-SI	4.3	4.3	WKL	DG
VR Down	PS-2021	Dry	3/23/2021 3:00:00 PM	3/27/2021 3:17:00 AM	Fenvalerate	n/a	<	6.3	ng/g dw	rthrdGCMS-SI	6.3	6.3	WKL	DG, EST-HT
VR Down	PS-2021	Dry	3/23/2021 3:00:00 PM	3/27/2021 3:17:00 AM	lambda-Cyhalothrin	n/a	<	6.3	ng/g dw	rthrdGCMS-SI	6.3	6.3	WKL	DG, EST-HT
VR Down	PS-2021	Dry	3/23/2021 3:00:00 PM	3/27/2021 3:17:00 AM	lambda-Cyhalothrin	n/a	<	4.3	ng/g ww	rthrdGCMS-SI	4.3	4.3	WKL	DG
VR Down	PS-2021	Dry	3/23/2021 3:00:00 PM	3/27/2021 3:17:00 AM	Permethrin	n/a	<	6.3	ng/g dw	rthrdGCMS-SI	6.3	6.3	WKL	DG, EST-HT

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
VR Down	PS-2021	Dry	3/23/2021 3:00:00 PM	3/27/2021 3:17:00 AM	Permethrin	n/a	<	4.3	ng/g ww	rthrdGCMS-SI	4.3	4.3	WKL	DG
VR Down	PS-2021	Dry	3/23/2021 3:00:00 PM	3/27/2021 3:17:00 AM	Phenothrin (Sumithrin)	n/a	<	6.3	ng/g dw	rthrdGCMS-SI	6.3	6.3	WKL	DG, EST-HT
VR Down	PS-2021	Dry	3/23/2021 3:00:00 PM	3/27/2021 3:17:00 AM	Phenothrin (Sumithrin)	n/a	<	4.3	ng/g ww	rthrdGCMS-SI	4.3	4.3	WKL	DG
VR Down	PS-2021	Dry	3/23/2021 3:00:00 PM	3/27/2021 3:17:00 AM	Prallethrin	n/a	<	4.3	ng/g ww	rthrdGCMS-SI	4.3	4.3	WKL	DG
VR Down	PS-2021	Dry	3/23/2021 3:00:00 PM	3/27/2021 3:17:00 AM	Prallethrin	n/a	<	6.3	ng/g dw	rthrdGCMS-SI	6.3	6.3	WKL	DG, EST-HT
VR Down	PS-2021	Dry	3/23/2021 3:00:00 PM	3/27/2021 3:17:00 AM	Tefluthrin	n/a	<	6.3	ng/g dw	rthrdGCMS-SI	6.3	6.3	WKL	DG, EST-HT
VR Down	PS-2021	Dry	3/23/2021 3:00:00 PM	3/27/2021 3:17:00 AM	Tefluthrin	n/a	<	4.3	ng/g ww	rthrdGCMS-SI	4.3	4.3	WKL	DG
VR Down	PS-2021	Dry	3/23/2021 3:00:00 PM	3/27/2021 3:17:00 AM	Tralomethrin	n/a	<	4.3	ng/g ww	rthrdGCMS-SI	4.3	4.3	WKL	DG
VR Down	PS-2021	Dry	3/23/2021 3:00:00 PM	3/27/2021 3:17:00 AM	Tralomethrin	n/a	<	6.3	ng/g dw	rthrdGCMS-SI	6.3	6.3	WKL	DG, EST-HT
VR Up	PS-2021	Dry	3/23/2021 1:20:00 PM	3/23/2021 1:20:00 PM	Conductivity	n/a	=	866	µmhos/cm	Field Meter	-88	1	Field Crew	
VR Up	PS-2021	Dry	3/23/2021 1:20:00 PM	3/23/2021 1:20:00 PM	Discharge	n/a	=	6.7	cfs	Field Meter	-88	-88	Field Crew	
VR Up	PS-2021	Dry	3/23/2021 1:20:00 PM	3/23/2021 1:20:00 PM	DO	n/a	=	10.36	mg/L	Field Meter	-88	0.3	Field Crew	
VR Up	PS-2021	Dry	3/23/2021 1:20:00 PM	3/23/2021 1:20:00 PM	DO	n/a	=	108.5	%	Field Meter	-88	0.1	Field Crew	
VR Up	PS-2021	Dry	3/23/2021 1:20:00 PM	3/23/2021 1:20:00 PM	pH	n/a	=	8.13	pH Units	Field Meter	-88	0.01	Field Crew	
VR Up	PS-2021	Dry	3/23/2021 1:20:00 PM	3/23/2021 1:20:00 PM	Salinity	n/a	=	500	mg/L	Field Meter	-88	100	Field Crew	
VR Up	PS-2021	Dry	3/23/2021 1:20:00 PM	3/23/2021 1:20:00 PM	Specific Conductance	n/a	=	1008	µmhos/cm	Field Meter	-88	1	Field Crew	
VR Up	PS-2021	Dry	3/23/2021 1:20:00 PM	3/23/2021 1:20:00 PM	Temperature	n/a	=	17.8	°C	Field Meter	-88	0.1	Field Crew	
VR Up	PS-2021	Dry	3/23/2021 1:20:00 PM	4/2/2021 12:52:00 PM	Total Organic Carbon	n/a	=	83700	mg/Kg dw	EPA 9060	69.9	389	WKL	
VR Up	PS-2021	Dry	3/23/2021 1:20:00 PM	5/3/2021 5:11:00 PM	Total Solids	Total	=	51.5	%	EPA 160.3	-88	0.1	WKL	EST-HT
VR Up	PS-2021	Dry	3/23/2021 1:20:00 PM	3/23/2021 1:20:00 PM	Turbidity	n/a	=	0.95	NTU	Field Meter	-88	0.01	Field Crew	
VR Up	PS-2021	Dry	3/23/2021 1:20:00 PM	3/27/2021 2:51:00 AM	Dichloran	n/a	<	3.3	ng/g dw	rthrdGCMS-SI	3.3	3.3	WKL	DG, EST-HT
VR Up	PS-2021	Dry	3/23/2021 1:20:00 PM	3/27/2021 2:51:00 AM	Dichloran	n/a	<	1.7	ng/g ww	rthrdGCMS-SI	1.7	1.7	WKL	DG
VR Up	PS-2021	Dry	3/23/2021 1:20:00 PM	3/27/2021 2:51:00 AM	Pendimethalin	n/a	<	3.3	ng/g dw	rthrdGCMS-SI	3.3	3.3	WKL	DG, EST-HT
VR Up	PS-2021	Dry	3/23/2021 1:20:00 PM	3/27/2021 2:51:00 AM	Pendimethalin	n/a	<	1.7	ng/g ww	rthrdGCMS-SI	1.7	1.7	WKL	DG
VR Up	PS-2021	Dry	3/23/2021 1:20:00 PM	3/27/2021 2:51:00 AM	Allethrin	n/a	<	3.3	ng/g dw	rthrdGCMS-SI	3.3	3.3	WKL	DG, EST-HT
VR Up	PS-2021	Dry	3/23/2021 1:20:00 PM	3/27/2021 2:51:00 AM	Allethrin	n/a	<	1.7	ng/g ww	rthrdGCMS-SI	1.7	1.7	WKL	DG
VR Up	PS-2021	Dry	3/23/2021 1:20:00 PM	3/27/2021 2:51:00 AM	Bifenthrin	n/a	<	1.7	ng/g ww	rthrdGCMS-SI	1.7	1.7	WKL	DG
VR Up	PS-2021	Dry	3/23/2021 1:20:00 PM	3/27/2021 2:51:00 AM	Bifenthrin	n/a	<	3.3	ng/g dw	rthrdGCMS-SI	3.3	3.3	WKL	DG, EST-HT
VR Up	PS-2021	Dry	3/23/2021 1:20:00 PM	3/27/2021 2:51:00 AM	Cyfluthrin	n/a	<	3.3	ng/g dw	rthrdGCMS-SI	3.3	3.3	WKL	DG, EST-HT
VR Up	PS-2021	Dry	3/23/2021 1:20:00 PM	3/27/2021 2:51:00 AM	Cyfluthrin	n/a	<	1.7	ng/g ww	rthrdGCMS-SI	1.7	1.7	WKL	DG
VR Up	PS-2021	Dry	3/23/2021 1:20:00 PM	3/27/2021 2:51:00 AM	Cypermethrin	n/a	<	3.3	ng/g dw	rthrdGCMS-SI	3.3	3.3	WKL	DG, EST-HT
VR Up	PS-2021	Dry	3/23/2021 1:20:00 PM	3/27/2021 2:51:00 AM	Cypermethrin	n/a	<	1.7	ng/g ww	rthrdGCMS-SI	1.7	1.7	WKL	DG
VR Up	PS-2021	Dry	3/23/2021 1:20:00 PM	3/27/2021 2:51:00 AM	Deltamethrin	n/a	<	3.3	ng/g dw	rthrdGCMS-SI	3.3	3.3	WKL	DG, EST-HT
VR Up	PS-2021	Dry	3/23/2021 1:20:00 PM	3/27/2021 2:51:00 AM	Deltamethrin	n/a	<	1.7	ng/g ww	rthrdGCMS-SI	1.7	1.7	WKL	DG
VR Up	PS-2021	Dry	3/23/2021 1:20:00 PM	3/27/2021 2:51:00 AM	Esfenvalerate	n/a	<	3.3	ng/g dw	rthrdGCMS-SI	3.3	3.3	WKL	DG, EST-HT
VR Up	PS-2021	Dry	3/23/2021 1:20:00 PM	3/27/2021 2:51:00 AM	Esfenvalerate	n/a	<	1.7	ng/g ww	rthrdGCMS-SI	1.7	1.7	WKL	DG
VR Up	PS-2021	Dry	3/23/2021 1:20:00 PM	3/27/2021 2:51:00 AM	Fenpropathrin (Danitol)	n/a	<	3.3	ng/g dw	rthrdGCMS-SI	3.3	3.3	WKL	DG, EST-HT
VR Up	PS-2021	Dry	3/23/2021 1:20:00 PM	3/27/2021 2:51:00 AM	Fenpropathrin (Danitol)	n/a	<	1.7	ng/g ww	rthrdGCMS-SI	1.7	1.7	WKL	DG
VR Up	PS-2021	Dry	3/23/2021 1:20:00 PM	3/27/2021 2:51:00 AM	Fenvalerate	n/a	<	1.7	ng/g ww	rthrdGCMS-SI	1.7	1.7	WKL	DG
VR Up	PS-2021	Dry	3/23/2021 1:20:00 PM	3/27/2021 2:51:00 AM	Fenvalerate	n/a	<	3.3	ng/g dw	rthrdGCMS-SI	3.3	3.3	WKL	DG, EST-HT
VR Up	PS-2021	Dry	3/23/2021 1:20:00 PM	3/27/2021 2:51:00 AM	lambda-Cyhalothrin	n/a	<	3.3	ng/g dw	rthrdGCMS-SI	3.3	3.3	WKL	DG, EST-HT
VR Up	PS-2021	Dry	3/23/2021 1:20:00 PM	3/27/2021 2:51:00 AM	lambda-Cyhalothrin	n/a	<	1.7	ng/g ww	rthrdGCMS-SI	1.7	1.7	WKL	DG
VR Up	PS-2021	Dry	3/23/2021 1:20:00 PM	3/27/2021 2:51:00 AM	Permethrin	n/a	<	3.3	ng/g dw	rthrdGCMS-SI	3.3	3.3	WKL	DG, EST-HT
VR Up	PS-2021	Dry	3/23/2021 1:20:00 PM	3/27/2021 2:51:00 AM	Permethrin	n/a	<	1.7	ng/g ww	rthrdGCMS-SI	1.7	1.7	WKL	DG
VR Up	PS-2021	Dry	3/23/2021 1:20:00 PM	3/27/2021 2:51:00 AM	Phenothrin (Sumithrin)	n/a	<	3.3	ng/g dw	rthrdGCMS-SI	3.3	3.3	WKL	DG, EST-HT
VR Up	PS-2021	Dry	3/23/2021 1:20:00 PM	3/27/2021 2:51:00 AM	Phenothrin (Sumithrin)	n/a	<	1.7	ng/g ww	rthrdGCMS-SI	1.7	1.7	WKL	DG
VR Up	PS-2021	Dry	3/23/2021 1:20:00 PM	3/27/2021 2:51:00 AM	Prallethrin	n/a	<	3.3	ng/g dw	rthrdGCMS-SI	3.3	3.3	WKL	DG, EST-HT
VR Up	PS-2021	Dry	3/23/2021 1:20:00 PM	3/27/2021 2:51:00 AM	Prallethrin	n/a	<	1.7	ng/g ww	rthrdGCMS-SI	1.7	1.7	WKL	DG

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
VR Up	PS-2021	Dry	3/23/2021 1:20:00 PM	3/27/2021 2:51:00 AM	Tefluthrin	n/a	<	3.3	ng/g dw	vrthrdGCMS-SI	3.3	3.3	WKL	DG, EST-HT
VR Up	PS-2021	Dry	3/23/2021 1:20:00 PM	3/27/2021 2:51:00 AM	Tefluthrin	n/a	<	1.7	ng/g ww	vrthrdGCMS-SI	1.7	1.7	WKL	DG
VR Up	PS-2021	Dry	3/23/2021 1:20:00 PM	3/27/2021 2:51:00 AM	Tralomethrin	n/a	<	3.3	ng/g dw	vrthrdGCMS-SI	3.3	3.3	WKL	DG, EST-HT
VR Up	PS-2021	Dry	3/23/2021 1:20:00 PM	3/27/2021 2:51:00 AM	Tralomethrin	n/a	<	1.7	ng/g ww	vrthrdGCMS-SI	1.7	1.7	WKL	DG