



*Ventura Countywide
Stormwater Quality
Management Program*

2021-2022
Permit Year

Ventura Countywide Stormwater Quality
Management Program Annual Report

Attachment D Monitoring Appendices F - H



December 15, 2022

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	
2021/22-1	000NONPJ	matrix spike	11/13/2021	Anion	Chloride	n/a	=	228	mg/L	EPA 300.0	1.9	5			
2021/22-1	000NONPJ	matrix spike, rec	11/13/2021	Anion	Chloride	n/a	=	107	%	EPA 300.0	-88	-88	76	118	
2021/22-1	000NONPJ	matrix spike dup	11/13/2021	Anion	Chloride	n/a	=	228	mg/L	EPA 300.0	1.9	5			
2021/22-1	000NONPJ	matrix spike dup, rec	11/13/2021	Anion	Chloride	n/a	=	107	%	EPA 300.0	-88	-88	76	118	
2021/22-1	000NONPJ	matrix spike, RPD	11/13/2021	Anion	Chloride	n/a	=	0.1	%	EPA 300.0	-88	-88	0	20	
2021/22-1	000NONPJ	matrix spike	11/13/2021	Anion	Chloride	n/a	=	232	mg/L	EPA 300.0	1.9	5			
2021/22-1	000NONPJ	matrix spike, rec	11/13/2021	Anion	Chloride	n/a	=	108	%	EPA 300.0	-88	-88	76	118	
2021/22-1	000NONPJ	matrix spike dup	11/13/2021	Anion	Chloride	n/a	=	230	mg/L	EPA 300.0	1.9	5			
2021/22-1	000NONPJ	matrix spike dup, rec	11/13/2021	Anion	Chloride	n/a	=	107	%	EPA 300.0	-88	-88	76	118	
2021/22-1	000NONPJ	matrix spike, RPD	11/13/2021	Anion	Chloride	n/a	=	0.8	%	EPA 300.0	-88	-88	0	20	
2021/22-1	Lab	method blank	11/13/2021	Anion	Chloride	n/a	<	0.19	mg/L	EPA 300.0	0.19	0.5			
2021/22-1	Lab	LCS	11/13/2021	Anion	Chloride	n/a	=	21.7	mg/L	EPA 300.0	0.19	0.5			
2021/22-1	Lab	LCS, rec	11/13/2021	Anion	Chloride	n/a	=	108	%	EPA 300.0	-88	-88	90	110	
2021/22-1	000NONPJ	matrix spike	11/13/2021	Anion	Fluoride	n/a	=	19.4	mg/L	EPA 300.0	0.09	1			
2021/22-1	000NONPJ	matrix spike, rec	11/13/2021	Anion	Fluoride	n/a	=	96	%	EPA 300.0	-88	-88	86	107	
2021/22-1	000NONPJ	matrix spike dup	11/13/2021	Anion	Fluoride	n/a	=	19.2	mg/L	EPA 300.0	0.09	1			
2021/22-1	000NONPJ	matrix spike dup, rec	11/13/2021	Anion	Fluoride	n/a	=	95	%	EPA 300.0	-88	-88	86	107	
2021/22-1	000NONPJ	matrix spike, RPD	11/13/2021	Anion	Fluoride	n/a	=	0.9	%	EPA 300.0	-88	-88	0	20	
2021/22-1	000NONPJ	matrix spike	11/13/2021	Anion	Fluoride	n/a	=	21.1	mg/L	EPA 300.0	0.09	1			
2021/22-1	000NONPJ	matrix spike, rec	11/13/2021	Anion	Fluoride	n/a	=	96	%	EPA 300.0	-88	-88	86	107	
2021/22-1	000NONPJ	matrix spike dup	11/13/2021	Anion	Fluoride	n/a	=	21.1	mg/L	EPA 300.0	0.09	1			
2021/22-1	000NONPJ	matrix spike dup, rec	11/13/2021	Anion	Fluoride	n/a	=	96	%	EPA 300.0	-88	-88	86	107	
2021/22-1	000NONPJ	matrix spike, RPD	11/13/2021	Anion	Fluoride	n/a	=	0.05	%	EPA 300.0	-88	-88	0	20	
2021/22-1	Lab	method blank	11/13/2021	Anion	Fluoride	n/a	<	0.009	mg/L	EPA 300.0	0.009	0.1			
2021/22-1	Lab	LCS	11/13/2021	Anion	Fluoride	n/a	=	2.06	mg/L	EPA 300.0	0.009	0.1			
2021/22-1	Lab	LCS, rec	11/13/2021	Anion	Fluoride	n/a	=	103	%	EPA 300.0	-88	-88	90	110	
2021/22-1	000NONPJ	matrix spike	10/30/2021	Anion	Perchlorate	n/a	=	10.4	µg/L	EPA 314.0	0.39	2			
2021/22-1	000NONPJ	matrix spike, rec	10/30/2021	Anion	Perchlorate	n/a	=	104	%	EPA 314.0	-88	-88	80	120	
2021/22-1	000NONPJ	matrix spike dup	10/30/2021	Anion	Perchlorate	n/a	=	11.9	µg/L	EPA 314.0	0.39	2			
2021/22-1	000NONPJ	matrix spike dup, rec	10/30/2021	Anion	Perchlorate	n/a	=	119	%	EPA 314.0	-88	-88	80	120	
2021/22-1	000NONPJ	matrix spike, RPD	10/30/2021	Anion	Perchlorate	n/a	=	14	%	EPA 314.0	-88	-88	0	15	
2021/22-1	Lab	method blank	10/30/2021	Anion	Perchlorate	n/a	<	0.39	µg/L	EPA 314.0	0.39	2			
2021/22-1	Lab	LCS	10/30/2021	Anion	Perchlorate	n/a	=	9.29	µg/L	EPA 314.0	0.39	2			
2021/22-1	Lab	LCS, rec	10/30/2021	Anion	Perchlorate	n/a	=	93	%	EPA 314.0	-88	-88	85	115	
2021/22-1	MO-SPA	field duplicate	10/26/2021	Bacteriological	E. Coli	n/a	=	11199	MPN/100 mL	MMO-MUG	10	10	-88	-88	
2021/22-1	MO-SPA	field duplicate	10/26/2021	Bacteriological	Total Coliform	n/a	=	816400	MPN/100 mL	MMO-MUG	1000	1000	-88	-88	
2021/22-1	Lab	method blank	11/17/2021	Cation	Calcium	Total	<	0.16	mg/L	EPA 200.7	0.16	0.5			
2021/22-1	Lab	LCS	11/17/2021	Cation	Calcium	Total	=	51	mg/L	EPA 200.7	0.16	0.5			
2021/22-1	Lab	LCS, rec	11/17/2021	Cation	Calcium	Total	=	102	%	EPA 200.7	-88	-88	85	115	
2021/22-1	Lab	method blank	11/17/2021	Cation	Calcium	Total	<	0.16	mg/L	EPA 200.7	0.16	0.5			
2021/22-1	Lab	LCS	11/17/2021	Cation	Calcium	Total	=	50	mg/L	EPA 200.7	0.16	0.5			
2021/22-1	Lab	LCS, rec	11/17/2021	Cation	Calcium	Total	=	100	%	EPA 200.7	-88	-88	85	115	
2021/22-1	ME-CC	matrix spike	11/17/2021	Cation	Calcium	Total	=	99	mg/L	EPA 200.7	0.16	0.5			
2021/22-1	ME-CC	matrix spike, rec	11/17/2021	Cation	Calcium	Total	=	103	%	EPA 200.7	-88	-88	70	130	
2021/22-1	ME-CC	matrix spike dup	11/17/2021	Cation	Calcium	Total	=	96.5	mg/L	EPA 200.7	0.16	0.5			
2021/22-1	ME-CC	matrix spike dup, rec	11/17/2021	Cation	Calcium	Total	=	98	%	EPA 200.7	-88	-88	70	130	
2021/22-1	ME-CC	matrix spike, RPD	11/17/2021	Cation	Calcium	Total	=	3	%	EPA 200.7	-88	-88	0	30	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2021/22-1	MO-HUE	matrix spike	11/17/2021	Cation	Calcium	Total	=	167	mg/L	EPA 200.7	0.16	0.5			
2021/22-1	MO-HUE	matrix spike, rec	11/17/2021	Cation	Calcium	Total	=	100	%	EPA 200.7	-88	-88	70	130	
2021/22-1	MO-HUE	matrix spike dup	11/17/2021	Cation	Calcium	Total	=	162	mg/L	EPA 200.7	0.16	0.5			
2021/22-1	MO-HUE	matrix spike dup, rec	11/17/2021	Cation	Calcium	Total	=	91	%	EPA 200.7	-88	-88	70	130	
2021/22-1	MO-HUE	matrix spike, RPD	11/17/2021	Cation	Calcium	Total	=	3	%	EPA 200.7	-88	-88	0	30	
2021/22-1	MO-SPA	matrix spike	11/17/2021	Cation	Calcium	Total	=	69.2	mg/L	EPA 200.7	0.16	0.5			
2021/22-1	MO-SPA	matrix spike, rec	11/17/2021	Cation	Calcium	Total	=	100	%	EPA 200.7	-88	-88	70	130	
2021/22-1	MO-SPA	matrix spike dup	11/17/2021	Cation	Calcium	Total	=	67.7	mg/L	EPA 200.7	0.16	0.5			
2021/22-1	MO-SPA	matrix spike dup, rec	11/17/2021	Cation	Calcium	Total	=	97	%	EPA 200.7	-88	-88	70	130	
2021/22-1	MO-SPA	matrix spike, RPD	11/17/2021	Cation	Calcium	Total	=	2	%	EPA 200.7	-88	-88	0	30	
2021/22-1	MO-VEN	matrix spike	11/17/2021	Cation	Calcium	Total	=	80.9	mg/L	EPA 200.7	0.16	0.5			
2021/22-1	MO-VEN	matrix spike, rec	11/17/2021	Cation	Calcium	Total	=	96	%	EPA 200.7	-88	-88	70	130	
2021/22-1	MO-VEN	matrix spike dup	11/17/2021	Cation	Calcium	Total	=	83	mg/L	EPA 200.7	0.16	0.5			
2021/22-1	MO-VEN	matrix spike dup, rec	11/17/2021	Cation	Calcium	Total	=	100	%	EPA 200.7	-88	-88	70	130	
2021/22-1	MO-VEN	matrix spike, RPD	11/17/2021	Cation	Calcium	Total	=	2	%	EPA 200.7	-88	-88	0	30	
2021/22-1	Lab	method blank	11/17/2021	Cation	Magnesium	Total	<	0.039	mg/L	EPA 200.7	0.039	0.5			
2021/22-1	Lab	LCS	11/17/2021	Cation	Magnesium	Total	=	50.8	mg/L	EPA 200.7	0.039	0.5			
2021/22-1	Lab	LCS, rec	11/17/2021	Cation	Magnesium	Total	=	102	%	EPA 200.7	-88	-88	85	115	
2021/22-1	Lab	method blank	11/17/2021	Cation	Magnesium	Total	<	0.039	mg/L	EPA 200.7	0.039	0.5			
2021/22-1	Lab	LCS	11/17/2021	Cation	Magnesium	Total	=	49.8	mg/L	EPA 200.7	0.039	0.5			
2021/22-1	Lab	LCS, rec	11/17/2021	Cation	Magnesium	Total	=	100	%	EPA 200.7	-88	-88	85	115	
2021/22-1	ME-CC	matrix spike	11/17/2021	Cation	Magnesium	Total	=	75.6	mg/L	EPA 200.7	0.039	0.5			
2021/22-1	ME-CC	matrix spike, rec	11/17/2021	Cation	Magnesium	Total	=	105	%	EPA 200.7	-88	-88	70	130	
2021/22-1	ME-CC	matrix spike dup	11/17/2021	Cation	Magnesium	Total	=	73.8	mg/L	EPA 200.7	0.039	0.5			
2021/22-1	ME-CC	matrix spike dup, rec	11/17/2021	Cation	Magnesium	Total	=	101	%	EPA 200.7	-88	-88	70	130	
2021/22-1	ME-CC	matrix spike, RPD	11/17/2021	Cation	Magnesium	Total	=	2	%	EPA 200.7	-88	-88	0	30	
2021/22-1	MO-HUE	matrix spike	11/17/2021	Cation	Magnesium	Total	=	167	mg/L	EPA 200.7	0.039	0.5			
2021/22-1	MO-HUE	matrix spike, rec	11/17/2021	Cation	Magnesium	Total	=	107	%	EPA 200.7	-88	-88	70	130	
2021/22-1	MO-HUE	matrix spike dup	11/17/2021	Cation	Magnesium	Total	=	163	mg/L	EPA 200.7	0.039	0.5			
2021/22-1	MO-HUE	matrix spike dup, rec	11/17/2021	Cation	Magnesium	Total	=	98	%	EPA 200.7	-88	-88	70	130	
2021/22-1	MO-HUE	matrix spike, RPD	11/17/2021	Cation	Magnesium	Total	=	3	%	EPA 200.7	-88	-88	0	30	
2021/22-1	MO-SPA	matrix spike	11/17/2021	Cation	Magnesium	Total	=	55.6	mg/L	EPA 200.7	0.039	0.5			
2021/22-1	MO-SPA	matrix spike, rec	11/17/2021	Cation	Magnesium	Total	=	102	%	EPA 200.7	-88	-88	70	130	
2021/22-1	MO-SPA	matrix spike dup	11/17/2021	Cation	Magnesium	Total	=	54.6	mg/L	EPA 200.7	0.039	0.5			
2021/22-1	MO-SPA	matrix spike dup, rec	11/17/2021	Cation	Magnesium	Total	=	100	%	EPA 200.7	-88	-88	70	130	
2021/22-1	MO-SPA	matrix spike, RPD	11/17/2021	Cation	Magnesium	Total	=	2	%	EPA 200.7	-88	-88	0	30	
2021/22-1	MO-VEN	matrix spike	11/17/2021	Cation	Magnesium	Total	=	58.9	mg/L	EPA 200.7	0.039	0.5			
2021/22-1	MO-VEN	matrix spike, rec	11/17/2021	Cation	Magnesium	Total	=	102	%	EPA 200.7	-88	-88	70	130	
2021/22-1	MO-VEN	matrix spike dup	11/17/2021	Cation	Magnesium	Total	=	59.5	mg/L	EPA 200.7	0.039	0.5			
2021/22-1	MO-VEN	matrix spike dup, rec	11/17/2021	Cation	Magnesium	Total	=	103	%	EPA 200.7	-88	-88	70	130	
2021/22-1	MO-VEN	matrix spike, RPD	11/17/2021	Cation	Magnesium	Total	=	1	%	EPA 200.7	-88	-88	0	30	
2021/22-1	000NONPJ	lab duplicate	10/29/2021	Conventional	Alkalinity as CaCO3	n/a	=	372	mg/L	SM 2320 B	2.3	5		15	
2021/22-1	000NONPJ	lab duplicate	10/29/2021	Conventional	Alkalinity as CaCO3	n/a	=	127	mg/L	SM 2320 B	2.3	5		15	
2021/22-1	Lab	method blank	10/29/2021	Conventional	Alkalinity as CaCO3	n/a	<	2.3	mg/L	SM 2320 B	2.3	5			
2021/22-1	Lab	LCS	10/29/2021	Conventional	Alkalinity as CaCO3	n/a	=	253	mg/L	SM 2320 B	2.3	5			
2021/22-1	Lab	LCS, rec	10/29/2021	Conventional	Alkalinity as CaCO3	n/a	=	101	%	SM 2320 B	-88	-88	94	108	
2021/22-1	Lab	LCS	10/29/2021	Conventional	Alkalinity as CaCO3	n/a	=	251	mg/L	SM 2320 B	2.3	5			

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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	
2021/22-1	Lab	LCS, rec	10/29/2021	Conventional	Alkalinity as CaCO3	n/a	=	100	%	SM 2320 B	-88	-88	94	108	
2021/22-1	000NONPJ	lab duplicate	11/1/2021	Conventional	BOD	n/a	<	2	mg/L	SM 5210 B	2	2		20	
2021/22-1	000NONPJ	lab duplicate	11/1/2021	Conventional	BOD	n/a	=	2.17	mg/L	SM 5210 B	2	2		20	
2021/22-1	Lab	method blank	11/1/2021	Conventional	BOD	n/a	<	2	mg/L	SM 5210 B	2	2			
2021/22-1	Lab	method blank	11/1/2021	Conventional	BOD	n/a	<	2	mg/L	SM 5210 B	2	2			
2021/22-1	Lab	method blank	11/1/2021	Conventional	BOD	n/a	<	2	mg/L	SM 5210 B	2	2			
2021/22-1	Lab	LCS	11/1/2021	Conventional	BOD	n/a	=	183	mg/L	SM 5210 B	2	2			
2021/22-1	Lab	LCS, rec	11/1/2021	Conventional	BOD	n/a	=	93	%	SM 5210 B	-88	-88	85	115	
2021/22-1	Lab	LCS	11/1/2021	Conventional	BOD	n/a	=	180	mg/L	SM 5210 B	2	2			
2021/22-1	Lab	LCS, rec	11/1/2021	Conventional	BOD	n/a	=	91	%	SM 5210 B	-88	-88	85	115	
2021/22-1	Lab	method blank	11/1/2021	Conventional	BOD	n/a	<	2	mg/L	SM 5210 B	2	2			
2021/22-1	Lab	method blank	11/1/2021	Conventional	BOD	n/a	<	2	mg/L	SM 5210 B	2	2			
2021/22-1	Lab	method blank	11/1/2021	Conventional	BOD	n/a	<	2	mg/L	SM 5210 B	2	2			
2021/22-1	Lab	LCS	11/10/2021	Conventional	COD	n/a	=	996	mg/L	EPA 410.4	2.9	5			
2021/22-1	Lab	LCS, rec	11/10/2021	Conventional	COD	n/a	=	100	%	EPA 410.4	-88	-88	90	110	
2021/22-1	Lab	method blank	11/10/2021	Conventional	COD	n/a	<	2.9	mg/L	EPA 410.4	2.9	5			
2021/22-1	ME-CC	matrix spike	11/10/2021	Conventional	COD	n/a	=	255	mg/L	EPA 410.4	12	20			
2021/22-1	ME-CC	matrix spike dup	11/10/2021	Conventional	COD	n/a	=	246	mg/L	EPA 410.4	12	20			
2021/22-1	ME-CC	matrix spike dup, rec	11/10/2021	Conventional	COD	n/a	=	100	%	EPA 410.4	-88	-88	90	110	
2021/22-1	ME-CC	matrix spike, rec	11/10/2021	Conventional	COD	n/a	=	104	%	EPA 410.4	-88	-88	90	110	
2021/22-1	ME-CC	matrix spike, RPD	11/10/2021	Conventional	COD	n/a	=	4	%	EPA 410.4	-88	-88	0	15	
2021/22-1	MO-THO	lab duplicate	11/10/2021	Conventional	COD	n/a	=	239	mg/L	EPA 410.4	2.9	5		15	
2021/22-1	MO-THO	matrix spike	11/10/2021	Conventional	COD	n/a	=	2230	mg/L	EPA 410.4	12	20			
2021/22-1	MO-THO	matrix spike, rec	11/10/2021	Conventional	COD	n/a	=	99	%	EPA 410.4	-88	-88	90	110	
2021/22-1	MO-THO	matrix spike dup	11/10/2021	Conventional	COD	n/a	=	2180	mg/L	EPA 410.4	12	20			
2021/22-1	MO-THO	matrix spike dup, rec	11/10/2021	Conventional	COD	n/a	=	97	%	EPA 410.4	-88	-88	90	110	
2021/22-1	MO-THO	matrix spike, RPD	11/10/2021	Conventional	COD	n/a	=	2	%	EPA 410.4	-88	-88	0	15	
2021/22-1	000NONPJ	matrix spike	10/28/2021	Conventional	Cyanide	Total	=	0.047	mg/L	ASTM D7511	0.0012	0.002			
2021/22-1	000NONPJ	matrix spike, rec	10/28/2021	Conventional	Cyanide	Total	=	94	%	ASTM D7511	-88	-88	64	136	
2021/22-1	000NONPJ	matrix spike dup	10/28/2021	Conventional	Cyanide	Total	=	0.0484	mg/L	ASTM D7511	0.0012	0.002			
2021/22-1	000NONPJ	matrix spike dup, rec	10/28/2021	Conventional	Cyanide	Total	=	97	%	ASTM D7511	-88	-88	64	136	
2021/22-1	000NONPJ	matrix spike, RPD	10/28/2021	Conventional	Cyanide	Total	=	3	%	ASTM D7511	-88	-88	0	47	
2021/22-1	000NONPJ	matrix spike	11/5/2021	Conventional	Cyanide	Total	=	0.0464	mg/L	ASTM D7511	0.0012	0.002			
2021/22-1	000NONPJ	matrix spike, rec	11/5/2021	Conventional	Cyanide	Total	=	90	%	ASTM D7511	-88	-88	64	136	
2021/22-1	000NONPJ	matrix spike dup	11/5/2021	Conventional	Cyanide	Total	=	0.0491	mg/L	ASTM D7511	0.0012	0.002			
2021/22-1	000NONPJ	matrix spike dup, rec	11/5/2021	Conventional	Cyanide	Total	=	96	%	ASTM D7511	-88	-88	64	136	
2021/22-1	000NONPJ	matrix spike, RPD	11/5/2021	Conventional	Cyanide	Total	=	6	%	ASTM D7511	-88	-88	0	47	
2021/22-1	000NONPJ	matrix spike	11/5/2021	Conventional	Cyanide	Total	=	0.0438	mg/L	ASTM D7511	0.0012	0.002			
2021/22-1	000NONPJ	matrix spike, rec	11/5/2021	Conventional	Cyanide	Total	=	88	%	ASTM D7511	-88	-88	64	136	
2021/22-1	000NONPJ	matrix spike dup	11/5/2021	Conventional	Cyanide	Total	=	0.0458	mg/L	ASTM D7511	0.0012	0.002			
2021/22-1	000NONPJ	matrix spike dup, rec	11/5/2021	Conventional	Cyanide	Total	=	92	%	ASTM D7511	-88	-88	64	136	
2021/22-1	000NONPJ	matrix spike, RPD	11/5/2021	Conventional	Cyanide	Total	=	4	%	ASTM D7511	-88	-88	0	47	
2021/22-1	Lab	LCS	10/28/2021	Conventional	Cyanide	Total	=	0.0524	mg/L	ASTM D7511	0.0012	0.002			
2021/22-1	Lab	LCS, rec	10/28/2021	Conventional	Cyanide	Total	=	105	%	ASTM D7511	-88	-88	84	116	
2021/22-1	Lab	method blank	10/28/2021	Conventional	Cyanide	Total	<	0.0012	mg/L	ASTM D7511	0.0012	0.002			
2021/22-1	Lab	method blank	10/28/2021	Conventional	Cyanide	Total	<	0.0012	mg/L	ASTM D7511	0.0012	0.002			
2021/22-1	Lab	LCS	10/28/2021	Conventional	Cyanide	Total	=	0.0536	mg/L	ASTM D7511	0.0012	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	
2021/22-1	Lab	LCS, rec	10/28/2021	Conventional	Cyanide	Total	=	107	%	ASTM D7511	-88	-88	84	116	
2021/22-1	Lab	LCS	11/5/2021	Conventional	Cyanide	Total	=	0.0516	mg/L	ASTM D7511	0.0012	0.002			
2021/22-1	Lab	LCS, rec	11/5/2021	Conventional	Cyanide	Total	=	103	%	ASTM D7511	-88	-88	84	116	
2021/22-1	Lab	method blank	11/5/2021	Conventional	Cyanide	Total	<	0.0012	mg/L	ASTM D7511	0.0012	0.002			
2021/22-1	Lab	method blank	11/5/2021	Conventional	Cyanide	Total	<	0.0012	mg/L	ASTM D7511	0.0012	0.002			
2021/22-1	Lab	LCS	11/5/2021	Conventional	Cyanide	Total	=	0.0484	mg/L	ASTM D7511	0.0012	0.002			
2021/22-1	Lab	LCS, rec	11/5/2021	Conventional	Cyanide	Total	=	97	%	ASTM D7511	-88	-88	84	116	
2021/22-1	ME-SCR	matrix spike	10/28/2021	Conventional	Cyanide	Total	=	0.0481	mg/L	ASTM D7511	0.0012	0.002			
2021/22-1	ME-SCR	matrix spike, rec	10/28/2021	Conventional	Cyanide	Total	=	96	%	ASTM D7511	-88	-88	64	136	
2021/22-1	ME-SCR	matrix spike dup	10/28/2021	Conventional	Cyanide	Total	=	0.0494	mg/L	ASTM D7511	0.0012	0.002			
2021/22-1	ME-SCR	matrix spike dup, rec	10/28/2021	Conventional	Cyanide	Total	=	99	%	ASTM D7511	-88	-88	64	136	
2021/22-1	ME-SCR	matrix spike, RPD	10/28/2021	Conventional	Cyanide	Total	=	3	%	ASTM D7511	-88	-88	0	47	
2021/22-1	MO-OJA	field blank	10/28/2021	Conventional	Cyanide	Total	<	0.0012	mg/L	ASTM D7511	0.0012	0.002			
2021/22-1	MO-SPA	field duplicate	11/5/2021	Conventional	Cyanide	Total	DNQ	0.0019	mg/L	ASTM D7511	0.0012	0.002			
2021/22-1	000NONPJ	matrix spike	10/26/2021	Conventional	MBAS	n/a	=	0.213	mg/L	SM 5540 C	0.013	0.05			
2021/22-1	000NONPJ	matrix spike, rec	10/26/2021	Conventional	MBAS	n/a	=	95	%	SM 5540 C	-88	-88	74	123	
2021/22-1	000NONPJ	matrix spike dup	10/26/2021	Conventional	MBAS	n/a	=	0.217	mg/L	SM 5540 C	0.013	0.05			
2021/22-1	000NONPJ	matrix spike dup, rec	10/26/2021	Conventional	MBAS	n/a	=	96	%	SM 5540 C	-88	-88	74	123	
2021/22-1	000NONPJ	matrix spike, RPD	10/26/2021	Conventional	MBAS	n/a	=	2	%	SM 5540 C	-88	-88	0	20	
2021/22-1	000NONPJ	matrix spike	10/27/2021	Conventional	MBAS	n/a	=	0.194	mg/L	SM 5540 C	0.013	0.05			
2021/22-1	000NONPJ	matrix spike, rec	10/27/2021	Conventional	MBAS	n/a	=	85	%	SM 5540 C	-88	-88	74	123	
2021/22-1	000NONPJ	matrix spike dup	10/27/2021	Conventional	MBAS	n/a	=	0.204	mg/L	SM 5540 C	0.013	0.05			
2021/22-1	000NONPJ	matrix spike dup, rec	10/27/2021	Conventional	MBAS	n/a	=	90	%	SM 5540 C	-88	-88	74	123	
2021/22-1	000NONPJ	matrix spike, RPD	10/27/2021	Conventional	MBAS	n/a	=	5	%	SM 5540 C	-88	-88	0	20	
2021/22-1	000NONPJ	matrix spike	10/27/2021	Conventional	MBAS	n/a	=	0.21	mg/L	SM 5540 C	0.013	0.05			
2021/22-1	000NONPJ	matrix spike dup	10/27/2021	Conventional	MBAS	n/a	=	0.219	mg/L	SM 5540 C	0.013	0.05			
2021/22-1	000NONPJ	matrix spike dup, rec	10/27/2021	Conventional	MBAS	n/a	=	101	%	SM 5540 C	-88	-88	74	123	
2021/22-1	000NONPJ	matrix spike, rec	10/27/2021	Conventional	MBAS	n/a	=	97	%	SM 5540 C	-88	-88	74	123	
2021/22-1	000NONPJ	matrix spike, RPD	10/27/2021	Conventional	MBAS	n/a	=	4	%	SM 5540 C	-88	-88	0	20	
2021/22-1	000NONPJ	matrix spike	10/27/2021	Conventional	MBAS	n/a	=	0.24	mg/L	SM 5540 C	0.013	0.05			
2021/22-1	000NONPJ	matrix spike dup	10/27/2021	Conventional	MBAS	n/a	=	0.238	mg/L	SM 5540 C	0.013	0.05			
2021/22-1	000NONPJ	matrix spike dup, rec	10/27/2021	Conventional	MBAS	n/a	=	88	%	SM 5540 C	-88	-88	74	123	
2021/22-1	000NONPJ	matrix spike, rec	10/27/2021	Conventional	MBAS	n/a	=	89	%	SM 5540 C	-88	-88	74	123	
2021/22-1	000NONPJ	matrix spike, RPD	10/27/2021	Conventional	MBAS	n/a	=	1	%	SM 5540 C	-88	-88	0	20	
2021/22-1	Lab	LCS	10/26/2021	Conventional	MBAS	n/a	=	0.214	mg/L	SM 5540 C	0.013	0.05			
2021/22-1	Lab	LCS, rec	10/26/2021	Conventional	MBAS	n/a	=	107	%	SM 5540 C	-88	-88	82	115	
2021/22-1	Lab	method blank	10/26/2021	Conventional	MBAS	n/a	<	0.013	mg/L	SM 5540 C	0.013	0.05			
2021/22-1	Lab	LCS	10/26/2021	Conventional	MBAS	n/a	=	0.0545	mg/L	SM 5540 C	0.013	0.05			
2021/22-1	Lab	LCS, rec	10/26/2021	Conventional	MBAS	n/a	=	109	%	SM 5540 C	-88	-88	82	115	
2021/22-1	Lab	method blank	10/27/2021	Conventional	MBAS	n/a	<	0.013	mg/L	SM 5540 C	0.013	0.05			
2021/22-1	Lab	LCS	10/27/2021	Conventional	MBAS	n/a	=	0.184	mg/L	SM 5540 C	0.013	0.05			
2021/22-1	Lab	LCS, rec	10/27/2021	Conventional	MBAS	n/a	=	92	%	SM 5540 C	-88	-88	82	115	
2021/22-1	Lab	LCS	10/27/2021	Conventional	MBAS	n/a	DNQ	0.0438	mg/L	SM 5540 C	0.013	0.05			
2021/22-1	Lab	LCS, rec	10/27/2021	Conventional	MBAS	n/a	=	88	%	SM 5540 C	-88	-88	82	115	
2021/22-1	Lab	method blank	10/27/2021	Conventional	MBAS	n/a	<	0.013	mg/L	SM 5540 C	0.013	0.05			
2021/22-1	Lab	LCS	10/27/2021	Conventional	MBAS	n/a	=	0.187	mg/L	SM 5540 C	0.013	0.05			
2021/22-1	Lab	LCS, rec	10/27/2021	Conventional	MBAS	n/a	=	93	%	SM 5540 C	-88	-88	82	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	
2021/22-1	Lab	method blank	10/27/2021	Conventional	MBAS	n/a	<	0.013	mg/L	SM 5540 C	0.013	0.05			
2021/22-1	Lab	LCS	10/27/2021	Conventional	MBAS	n/a	=	0.19	mg/L	SM 5540 C	0.013	0.05			
2021/22-1	Lab	LCS, rec	10/27/2021	Conventional	MBAS	n/a	=	95	%	SM 5540 C	-88	-88	82	115	
2021/22-1	000NONPJ	matrix spike	11/9/2021	Conventional	Phenolics	n/a	=	0.244	mg/L	EPA 420.4	0.0042	0.01			
2021/22-1	000NONPJ	matrix spike, rec	11/9/2021	Conventional	Phenolics	n/a	=	98	%	EPA 420.4	-88	-88	90	110	
2021/22-1	000NONPJ	matrix spike dup	11/9/2021	Conventional	Phenolics	n/a	=	0.244	mg/L	EPA 420.4	0.0042	0.01			
2021/22-1	000NONPJ	matrix spike dup, rec	11/9/2021	Conventional	Phenolics	n/a	=	98	%	EPA 420.4	-88	-88	90	110	
2021/22-1	000NONPJ	matrix spike, RPD	11/9/2021	Conventional	Phenolics	n/a	=	0.2	%	EPA 420.4	-88	-88	0	20	
2021/22-1	000NONPJ	matrix spike	11/10/2021	Conventional	Phenolics	n/a	=	0.24	mg/L	EPA 420.4	0.0042	0.01			
2021/22-1	000NONPJ	matrix spike, rec	11/10/2021	Conventional	Phenolics	n/a	=	96	%	EPA 420.4	-88	-88	90	110	
2021/22-1	000NONPJ	matrix spike dup	11/10/2021	Conventional	Phenolics	n/a	=	0.242	mg/L	EPA 420.4	0.0042	0.01			
2021/22-1	000NONPJ	matrix spike dup, rec	11/10/2021	Conventional	Phenolics	n/a	=	97	%	EPA 420.4	-88	-88	90	110	
2021/22-1	000NONPJ	matrix spike, RPD	11/10/2021	Conventional	Phenolics	n/a	=	0.7	%	EPA 420.4	-88	-88	0	20	
2021/22-1	Lab	method blank	11/9/2021	Conventional	Phenolics	n/a	<	0.0042	mg/L	EPA 420.4	0.0042	0.01			
2021/22-1	Lab	LCS	11/9/2021	Conventional	Phenolics	n/a	=	0.0925	mg/L	EPA 420.4	0.0042	0.01			
2021/22-1	Lab	LCS, rec	11/9/2021	Conventional	Phenolics	n/a	=	93	%	EPA 420.4	-88	-88	90	110	
2021/22-1	Lab	method blank	11/10/2021	Conventional	Phenolics	n/a	<	0.0042	mg/L	EPA 420.4	0.0042	0.01			
2021/22-1	Lab	LCS	11/10/2021	Conventional	Phenolics	n/a	=	0.105	mg/L	EPA 420.4	0.0042	0.01			
2021/22-1	Lab	LCS, rec	11/10/2021	Conventional	Phenolics	n/a	=	105	%	EPA 420.4	-88	-88	90	110	
2021/22-1	000NONPJ	lab duplicate	11/3/2021	Conventional	Specific Conductance	n/a	=	52100	µmhos/cm	SM 2510 B	1.1	2		5	
2021/22-1	Lab	method blank	10/30/2021	Conventional	Specific Conductance	n/a	DNQ	1.11	µmhos/cm	SM 2510 B	1.1	2			IP
2021/22-1	Lab	LCS	10/30/2021	Conventional	Specific Conductance	n/a	=	449	µmhos/cm	SM 2510 B	1.1	2			
2021/22-1	Lab	LCS, rec	10/30/2021	Conventional	Specific Conductance	n/a	=	101	%	SM 2510 B	-88	-88	95	105	
2021/22-1	Lab	LCS	11/3/2021	Conventional	Specific Conductance	n/a	=	24500	µmhos/cm	SM 2510 B	1.1	2			
2021/22-1	Lab	LCS, rec	11/3/2021	Conventional	Specific Conductance	n/a	=	98	%	SM 2510 B	-88	-88	95	105	
2021/22-1	Lab	method blank	11/3/2021	Conventional	Specific Conductance	n/a	<	1.1	µmhos/cm	SM 2510 B	1.1	2			
2021/22-1	ME-SCR	lab duplicate	10/30/2021	Conventional	Specific Conductance	n/a	=	2920	µmhos/cm	SM 2510 B	4.3	8		5	
2021/22-1	000NONPJ	lab duplicate	10/27/2021	Conventional	Total Chlorine Residual	n/a	=	5.22	mg/L	SM 4500-Cl G	0.62	1		15	
2021/22-1	000NONPJ	matrix spike	10/27/2021	Conventional	Total Chlorine Residual	n/a	=	9.36	mg/L	SM 4500-Cl G	0.62	1			
2021/22-1	000NONPJ	matrix spike dup	10/27/2021	Conventional	Total Chlorine Residual	n/a	=	9.36	mg/L	SM 4500-Cl G	0.62	1			
2021/22-1	000NONPJ	matrix spike dup, rec	10/27/2021	Conventional	Total Chlorine Residual	n/a	=	103	%	SM 4500-Cl G	-88	-88	78	114	
2021/22-1	000NONPJ	matrix spike, rec	10/27/2021	Conventional	Total Chlorine Residual	n/a	=	103	%	SM 4500-Cl G	-88	-88	78	114	
2021/22-1	000NONPJ	matrix spike, RPD	10/27/2021	Conventional	Total Chlorine Residual	n/a	=	0	%	SM 4500-Cl G	-88	-88	0	15	
2021/22-1	Lab	method blank	10/27/2021	Conventional	Total Chlorine Residual	n/a	<	0.031	mg/L	SM 4500-Cl G	0.031	0.05			
2021/22-1	Lab	LCS	10/27/2021	Conventional	Total Chlorine Residual	n/a	=	0.196	mg/L	SM 4500-Cl G	0.031	0.05			
2021/22-1	Lab	LCS, rec	10/27/2021	Conventional	Total Chlorine Residual	n/a	=	98	%	SM 4500-Cl G	-88	-88	85	110	
2021/22-1	000NONPJ	lab duplicate	10/31/2021	Conventional	Total Dissolved Solids	n/a	=	793	mg/L	SM 2540 C	4	10		10	
2021/22-1	000NONPJ	lab duplicate	10/31/2021	Conventional	Total Dissolved Solids	n/a	=	274	mg/L	SM 2540 C	4	10		10	
2021/22-1	Lab	LCS	10/31/2021	Conventional	Total Dissolved Solids	n/a	=	807	mg/L	SM 2540 C	4	10			
2021/22-1	Lab	LCS, rec	10/31/2021	Conventional	Total Dissolved Solids	n/a	=	98	%	SM 2540 C	-88	-88	96	102	
2021/22-1	Lab	method blank	10/31/2021	Conventional	Total Dissolved Solids	n/a	<	4	mg/L	SM 2540 C	4	10			
2021/22-1	Lab	LCS	10/31/2021	Conventional	Total Dissolved Solids	n/a	=	830	mg/L	SM 2540 C	4	10			
2021/22-1	Lab	LCS, rec	10/31/2021	Conventional	Total Dissolved Solids	n/a	=	101	%	SM 2540 C	-88	-88	96	102	
2021/22-1	Lab	method blank	10/31/2021	Conventional	Total Dissolved Solids	n/a	<	4	mg/L	SM 2540 C	4	10			
2021/22-1	ME-CC	lab duplicate	10/31/2021	Conventional	Total Dissolved Solids	n/a	=	570	mg/L	SM 2540 C	4	10		10	
2021/22-1	ME-SCR	lab duplicate	10/31/2021	Conventional	Total Dissolved Solids	n/a	=	1920	mg/L	SM 2540 C	4	10		10	
2021/22-1	000NONPJ	matrix spike	11/4/2021	Conventional	Total Organic Carbon	n/a	=	6.12	mg/L	SM 5310 B	0.19	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	
2021/22-1	000NONPJ	matrix spike, rec	11/4/2021	Conventional	Total Organic Carbon	n/a	=	84	%	SM 5310 B	-88	-88	76	115	
2021/22-1	000NONPJ	matrix spike dup	11/4/2021	Conventional	Total Organic Carbon	n/a	=	6.13	mg/L	SM 5310 B	0.19	0.3			
2021/22-1	000NONPJ	matrix spike dup, rec	11/4/2021	Conventional	Total Organic Carbon	n/a	=	84	%	SM 5310 B	-88	-88	76	115	
2021/22-1	000NONPJ	matrix spike, RPD	11/4/2021	Conventional	Total Organic Carbon	n/a	=	0.1	%	SM 5310 B	-88	-88	0	20	
2021/22-1	000NONPJ	matrix spike	11/5/2021	Conventional	Total Organic Carbon	n/a	=	32.2	mg/L	SM 5310 B	0.19	0.3			GB
2021/22-1	000NONPJ	matrix spike, rec	11/5/2021	Conventional	Total Organic Carbon	n/a	=	187	%	SM 5310 B	-88	-88	76	115	GB
2021/22-1	000NONPJ	matrix spike dup	11/5/2021	Conventional	Total Organic Carbon	n/a	=	34.9	mg/L	SM 5310 B	0.19	0.3			GB
2021/22-1	000NONPJ	matrix spike dup, rec	11/5/2021	Conventional	Total Organic Carbon	n/a	=	242	%	SM 5310 B	-88	-88	76	115	GB
2021/22-1	000NONPJ	matrix spike, RPD	11/5/2021	Conventional	Total Organic Carbon	n/a	=	8	%	SM 5310 B	-88	-88	0	20	GB
2021/22-1	Lab	method blank	11/4/2021	Conventional	Total Organic Carbon	n/a	<	0.19	mg/L	SM 5310 B	0.19	0.3			
2021/22-1	Lab	LCS	11/4/2021	Conventional	Total Organic Carbon	n/a	=	1.08	mg/L	SM 5310 B	0.19	0.3			
2021/22-1	Lab	LCS, rec	11/4/2021	Conventional	Total Organic Carbon	n/a	=	108	%	SM 5310 B	-88	-88	85	115	
2021/22-1	Lab	method blank	11/5/2021	Conventional	Total Organic Carbon	n/a	<	0.19	mg/L	SM 5310 B	0.19	0.3			
2021/22-1	Lab	LCS	11/5/2021	Conventional	Total Organic Carbon	n/a	=	1.09	mg/L	SM 5310 B	0.19	0.3			
2021/22-1	Lab	LCS, rec	11/5/2021	Conventional	Total Organic Carbon	n/a	=	109	%	SM 5310 B	-88	-88	85	115	
2021/22-1	Lab	LCS	10/28/2021	Conventional	Total Suspended Solids	n/a	=	53.7	mg/L	SM 2540 D	-88	5			
2021/22-1	Lab	LCS, rec	10/28/2021	Conventional	Total Suspended Solids	n/a	=	103	%	SM 2540 D	-88	-88	90	110	
2021/22-1	Lab	method blank	10/28/2021	Conventional	Total Suspended Solids	n/a	<	5	mg/L	SM 2540 D	-88	5			
2021/22-1	MO-OXN	lab duplicate	10/28/2021	Conventional	Total Suspended Solids	n/a	=	265	mg/L	SM 2540 D	-88	5		20	
2021/22-1	MO-SIM	lab duplicate	10/28/2021	Conventional	Total Suspended Solids	n/a	=	1310	mg/L	SM 2540 D	-88	5		20	
2021/22-1	Lab	LCS	10/26/2021	Conventional	Turbidity	n/a	=	2.14	NTU	EPA 180.1	0.017	0.1			
2021/22-1	Lab	LCS	10/26/2021	Conventional	Turbidity	n/a	=	10.2	NTU	EPA 180.1	0.017	0.1			
2021/22-1	Lab	LCS, rec	10/26/2021	Conventional	Turbidity	n/a	=	102	%	EPA 180.1	-88	-88	90	110	
2021/22-1	Lab	LCS, rec	10/26/2021	Conventional	Turbidity	n/a	=	107	%	EPA 180.1	-88	-88	90	110	
2021/22-1	Lab	method blank	10/26/2021	Conventional	Turbidity	n/a	DNQ	0.02	NTU	EPA 180.1	0.017	0.1			IP
2021/22-1	Lab	method blank	10/26/2021	Conventional	Turbidity	n/a	DNQ	0.02	NTU	EPA 180.1	0.017	0.1			IP
2021/22-1	Lab	LCS	10/26/2021	Conventional	Turbidity	n/a	=	2.13	NTU	EPA 180.1	0.017	0.1			
2021/22-1	Lab	LCS	10/26/2021	Conventional	Turbidity	n/a	=	10.2	NTU	EPA 180.1	0.017	0.1			
2021/22-1	Lab	LCS, rec	10/26/2021	Conventional	Turbidity	n/a	=	102	%	EPA 180.1	-88	-88	90	110	
2021/22-1	Lab	LCS, rec	10/26/2021	Conventional	Turbidity	n/a	=	106	%	EPA 180.1	-88	-88	90	110	
2021/22-1	Lab	LCS	10/27/2021	Conventional	Turbidity	n/a	=	2.18	NTU	EPA 180.1	0.017	0.1			
2021/22-1	Lab	LCS	10/27/2021	Conventional	Turbidity	n/a	=	10.2	NTU	EPA 180.1	0.017	0.1			
2021/22-1	Lab	LCS, rec	10/27/2021	Conventional	Turbidity	n/a	=	109	%	EPA 180.1	-88	-88	90	110	
2021/22-1	Lab	LCS, rec	10/27/2021	Conventional	Turbidity	n/a	=	102	%	EPA 180.1	-88	-88	90	110	
2021/22-1	Lab	method blank	10/27/2021	Conventional	Turbidity	n/a	DNQ	0.02	NTU	EPA 180.1	0.017	0.1			IP
2021/22-1	ME-CC	lab duplicate	10/27/2021	Conventional	Turbidity	n/a	=	65	NTU	EPA 180.1	0.17	1		10	
2021/22-1	MO-CAM	lab duplicate	10/26/2021	Conventional	Turbidity	n/a	=	45	NTU	EPA 180.1	0.17	1		10	
2021/22-1	MO-VEN	lab duplicate	10/26/2021	Conventional	Turbidity	n/a	=	78	NTU	EPA 180.1	0.17	1		10	
2021/22-1	Lab	LCS	10/28/2021	Conventional	Volatile Suspended Solids	n/a	=	39	mg/L	EPA 160.4	3.1	5			
2021/22-1	Lab	LCS, rec	10/28/2021	Conventional	Volatile Suspended Solids	n/a	=	105	%	EPA 160.4	-88	-88	90	110	
2021/22-1	Lab	method blank	10/28/2021	Conventional	Volatile Suspended Solids	n/a	<	3.1	mg/L	EPA 160.4	3.1	5			
2021/22-1	MO-OXN	lab duplicate	10/28/2021	Conventional	Volatile Suspended Solids	n/a	=	82	mg/L	EPA 160.4	3.1	5		15	
2021/22-1	MO-SIM	lab duplicate	10/28/2021	Conventional	Volatile Suspended Solids	n/a	=	200	mg/L	EPA 160.4	3.1	5		15	
2021/22-1	Lab	method blank	11/10/2021	Hydrocarbon	Diesel Range Organics	n/a	DNQ	0.0743	mg/L	EPA 8015B	0.032	0.1			IP
2021/22-1	Lab	LCS	11/10/2021	Hydrocarbon	Diesel Range Organics	n/a	=	0.406	mg/L	EPA 8015B	0.032	0.1			
2021/22-1	Lab	LCS, rec	11/10/2021	Hydrocarbon	Diesel Range Organics	n/a	=	81	%	EPA 8015B	-88	-88	70	130	
2021/22-1	Lab	LCS dup	11/10/2021	Hydrocarbon	Diesel Range Organics	n/a	=	0.456	mg/L	EPA 8015B	0.032	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	
2021/22-1	Lab	LCS dup, rec	11/10/2021	Hydrocarbon	Diesel Range Organics	n/a	=	91	%	EPA 8015B	-88	-88	70	130	
2021/22-1	Lab	LCS, RPD	11/10/2021	Hydrocarbon	Diesel Range Organics	n/a	=	12	%	EPA 8015B	-88	-88	0	25	
2021/22-1	Lab	LCS	11/18/2021	Hydrocarbon	Diesel Range Organics	n/a	=	0.422	mg/L	EPA 8015B	0.072	0.1			
2021/22-1	Lab	LCS, rec	11/18/2021	Hydrocarbon	Diesel Range Organics	n/a	=	84	%	EPA 8015B	-88	-88	70	130	
2021/22-1	Lab	method blank	11/19/2021	Hydrocarbon	Diesel Range Organics	n/a	<	0.072	mg/L	EPA 8015B	0.072	0.1			
2021/22-1	Lab	LCS dup	11/19/2021	Hydrocarbon	Diesel Range Organics	n/a	=	0.571	mg/L	EPA 8015B	0.072	0.1			IL
2021/22-1	Lab	LCS dup, rec	11/19/2021	Hydrocarbon	Diesel Range Organics	n/a	=	114	%	EPA 8015B	-88	-88	70	130	IL
2021/22-1	Lab	LCS, RPD	11/19/2021	Hydrocarbon	Diesel Range Organics	n/a	=	30	%	EPA 8015B	-88	-88	0	25	IL
2021/22-1	Lab	LCS	10/29/2021	Hydrocarbon	Gasoline Range Organics	n/a	=	0.903	mg/L	EPA 8260B	0.065	0.1			
2021/22-1	Lab	LCS, rec	10/29/2021	Hydrocarbon	Gasoline Range Organics	n/a	=	90	%	EPA 8260B	-88	-88	53	136	
2021/22-1	Lab	LCS dup	10/29/2021	Hydrocarbon	Gasoline Range Organics	n/a	=	0.871	mg/L	EPA 8260B	0.065	0.1			
2021/22-1	Lab	LCS dup, rec	10/29/2021	Hydrocarbon	Gasoline Range Organics	n/a	=	87	%	EPA 8260B	-88	-88	53	136	
2021/22-1	Lab	LCS, RPD	10/29/2021	Hydrocarbon	Gasoline Range Organics	n/a	=	4	%	EPA 8260B	-88	-88	0	25	
2021/22-1	Lab	method blank	10/29/2021	Hydrocarbon	Gasoline Range Organics	n/a	<	0.065	mg/L	EPA 8260B	0.065	0.1			
2021/22-1	Lab	LCS	10/31/2021	Hydrocarbon	Gasoline Range Organics	n/a	=	0.955	mg/L	EPA 8260B	0.065	0.1			
2021/22-1	Lab	LCS, rec	10/31/2021	Hydrocarbon	Gasoline Range Organics	n/a	=	95	%	EPA 8260B	-88	-88	53	136	
2021/22-1	Lab	LCS dup	10/31/2021	Hydrocarbon	Gasoline Range Organics	n/a	=	0.979	mg/L	EPA 8260B	0.065	0.1			
2021/22-1	Lab	LCS dup, rec	10/31/2021	Hydrocarbon	Gasoline Range Organics	n/a	=	98	%	EPA 8260B	-88	-88	53	136	
2021/22-1	Lab	LCS, RPD	10/31/2021	Hydrocarbon	Gasoline Range Organics	n/a	=	3	%	EPA 8260B	-88	-88	0	25	
2021/22-1	Lab	method blank	10/31/2021	Hydrocarbon	Gasoline Range Organics	n/a	<	0.065	mg/L	EPA 8260B	0.065	0.1			
2021/22-1	MO-OJA	field blank	10/29/2021	Hydrocarbon	Gasoline Range Organics	n/a	<	0.065	mg/L	EPA 8260B	0.065	0.1			
2021/22-1	MO-SPA	field duplicate	10/29/2021	Hydrocarbon	Gasoline Range Organics	n/a	<	0.065	mg/L	EPA 8260B	0.065	0.1			
2021/22-1	Lab	srgt method blank	11/10/2021	Hydrocarbon	n-Tetracosane	n/a	=	0.216	mg/L	EPA 8015B	-88	-88			
2021/22-1	Lab	srgt method blank, rec	11/10/2021	Hydrocarbon	n-Tetracosane	n/a	=	87	%	EPA 8015B	-88	-88	64	155	
2021/22-1	Lab	srgt LCS	11/10/2021	Hydrocarbon	n-Tetracosane	n/a	=	0.232	mg/L	EPA 8015B	-88	-88			
2021/22-1	Lab	srgt LCS, rec	11/10/2021	Hydrocarbon	n-Tetracosane	n/a	=	93	%	EPA 8015B	-88	-88	64	155	
2021/22-1	Lab	srgt LCS dup	11/10/2021	Hydrocarbon	n-Tetracosane	n/a	=	0.264	mg/L	EPA 8015B	-88	-88			
2021/22-1	Lab	srgt LCS dup, rec	11/10/2021	Hydrocarbon	n-Tetracosane	n/a	=	106	%	EPA 8015B	-88	-88	64	155	
2021/22-1	Lab	srgt LCS	11/18/2021	Hydrocarbon	n-Tetracosane	n/a	=	0.193	mg/L	EPA 8015B	-88	-88			
2021/22-1	Lab	srgt LCS, rec	11/18/2021	Hydrocarbon	n-Tetracosane	n/a	=	77	%	EPA 8015B	-88	-88	64	155	
2021/22-1	Lab	srgt method blank	11/19/2021	Hydrocarbon	n-Tetracosane	n/a	=	0.316	mg/L	EPA 8015B	-88	-88			
2021/22-1	Lab	srgt method blank, rec	11/19/2021	Hydrocarbon	n-Tetracosane	n/a	=	126	%	EPA 8015B	-88	-88	64	155	
2021/22-1	Lab	srgt LCS dup	11/19/2021	Hydrocarbon	n-Tetracosane	n/a	=	0.203	mg/L	EPA 8015B	-88	-88			
2021/22-1	Lab	srgt LCS dup, rec	11/19/2021	Hydrocarbon	n-Tetracosane	n/a	=	81	%	EPA 8015B	-88	-88	64	155	
2021/22-1	ME-CC	srgt environ	11/19/2021	Hydrocarbon	n-Tetracosane	n/a	=	0.167	mg/L	EPA 8015B	-88	-88			
2021/22-1	ME-CC	srgt environ, rec	11/19/2021	Hydrocarbon	n-Tetracosane	n/a	=	67	%	EPA 8015B	-88	-88	64	155	
2021/22-1	ME-SCR	srgt environ	11/19/2021	Hydrocarbon	n-Tetracosane	n/a	=	0.196	mg/L	EPA 8015B	-88	-88			
2021/22-1	ME-SCR	srgt environ, rec	11/19/2021	Hydrocarbon	n-Tetracosane	n/a	=	79	%	EPA 8015B	-88	-88	64	155	
2021/22-1	ME-VR2	srgt environ	11/19/2021	Hydrocarbon	n-Tetracosane	n/a	=	0.204	mg/L	EPA 8015B	-88	-88			
2021/22-1	ME-VR2	srgt environ, rec	11/19/2021	Hydrocarbon	n-Tetracosane	n/a	=	81	%	EPA 8015B	-88	-88	64	155	
2021/22-1	MO-CAM	srgt environ	11/11/2021	Hydrocarbon	n-Tetracosane	n/a	=	0.241	mg/L	EPA 8015B	-88	-88			
2021/22-1	MO-CAM	srgt environ, rec	11/11/2021	Hydrocarbon	n-Tetracosane	n/a	=	96	%	EPA 8015B	-88	-88	64	155	
2021/22-1	MO-FIL	srgt environ	11/19/2021	Hydrocarbon	n-Tetracosane	n/a	=	0.301	mg/L	EPA 8015B	-88	-88			
2021/22-1	MO-FIL	srgt environ, rec	11/19/2021	Hydrocarbon	n-Tetracosane	n/a	=	121	%	EPA 8015B	-88	-88	64	155	
2021/22-1	MO-HUE	srgt environ	11/19/2021	Hydrocarbon	n-Tetracosane	n/a	=	0.25	mg/L	EPA 8015B	-88	-88			
2021/22-1	MO-HUE	srgt environ, rec	11/19/2021	Hydrocarbon	n-Tetracosane	n/a	=	100	%	EPA 8015B	-88	-88	64	155	
2021/22-1	MO-MEI	srgt environ	11/19/2021	Hydrocarbon	n-Tetracosane	n/a	=	0.314	mg/L	EPA 8015B	-88	-88			

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2021/22-1	MO-MEI	srgt environ, rec	11/19/2021	Hydrocarbon	n-Tetracosane	n/a	=	126	%	EPA 8015B	-88	-88	64	155	
2021/22-1	MO-MPK	srgt environ	11/19/2021	Hydrocarbon	n-Tetracosane	n/a	=	0.255	mg/L	EPA 8015B	-88	-88			
2021/22-1	MO-MPK	srgt environ, rec	11/19/2021	Hydrocarbon	n-Tetracosane	n/a	=	102	%	EPA 8015B	-88	-88	64	155	
2021/22-1	MO-OJA	srgt environ	11/19/2021	Hydrocarbon	n-Tetracosane	n/a	=	0.222	mg/L	EPA 8015B	-88	-88			
2021/22-1	MO-OJA	srgt environ, rec	11/19/2021	Hydrocarbon	n-Tetracosane	n/a	=	89	%	EPA 8015B	-88	-88	64	155	
2021/22-1	MO-OXN	srgt environ	11/19/2021	Hydrocarbon	n-Tetracosane	n/a	=	0.279	mg/L	EPA 8015B	-88	-88			
2021/22-1	MO-OXN	srgt environ, rec	11/19/2021	Hydrocarbon	n-Tetracosane	n/a	=	112	%	EPA 8015B	-88	-88	64	155	
2021/22-1	MO-SIM	srgt environ	11/11/2021	Hydrocarbon	n-Tetracosane	n/a	=	0.226	mg/L	EPA 8015B	-88	-88			
2021/22-1	MO-SIM	srgt environ, rec	11/11/2021	Hydrocarbon	n-Tetracosane	n/a	=	90	%	EPA 8015B	-88	-88	64	155	
2021/22-1	MO-SPA	srgt environ	11/19/2021	Hydrocarbon	n-Tetracosane	n/a	=	0.225	mg/L	EPA 8015B	-88	-88			
2021/22-1	MO-SPA	srgt environ, rec	11/19/2021	Hydrocarbon	n-Tetracosane	n/a	=	90	%	EPA 8015B	-88	-88	64	155	
2021/22-1	MO-THO	srgt environ	11/19/2021	Hydrocarbon	n-Tetracosane	n/a	=	0.295	mg/L	EPA 8015B	-88	-88			
2021/22-1	MO-THO	srgt environ, rec	11/19/2021	Hydrocarbon	n-Tetracosane	n/a	=	118	%	EPA 8015B	-88	-88	64	155	
2021/22-1	MO-VEN	srgt environ	11/19/2021	Hydrocarbon	n-Tetracosane	n/a	=	0.311	mg/L	EPA 8015B	-88	-88			
2021/22-1	MO-VEN	srgt environ, rec	11/19/2021	Hydrocarbon	n-Tetracosane	n/a	=	124	%	EPA 8015B	-88	-88	64	155	
2021/22-1	Lab	LCS	11/11/2021	Hydrocarbon	Oil and Grease	n/a	DNQ	4.6	mg/L	EPA 1664B	1.3	5			
2021/22-1	Lab	LCS	11/11/2021	Hydrocarbon	Oil and Grease	n/a	=	16.2	mg/L	EPA 1664B	1.3	5			
2021/22-1	Lab	LCS dup	11/11/2021	Hydrocarbon	Oil and Grease	n/a	=	16.1	mg/L	EPA 1664B	1.3	5			
2021/22-1	Lab	LCS dup, rec	11/11/2021	Hydrocarbon	Oil and Grease	n/a	=	80	%	EPA 1664B	-88	-88	78	114	
2021/22-1	Lab	LCS, rec	11/11/2021	Hydrocarbon	Oil and Grease	n/a	=	92	%	EPA 1664B	-88	-88	78	114	
2021/22-1	Lab	LCS, rec	11/11/2021	Hydrocarbon	Oil and Grease	n/a	=	81	%	EPA 1664B	-88	-88	78	114	
2021/22-1	Lab	LCS, RPD	11/11/2021	Hydrocarbon	Oil and Grease	n/a	=	0.6	%	EPA 1664B	-88	-88	0	18	
2021/22-1	Lab	method blank	11/11/2021	Hydrocarbon	Oil and Grease	n/a	<	1.3	mg/L	EPA 1664B	1.3	5			
2021/22-1	Lab	LCS	11/15/2021	Hydrocarbon	Oil and Grease	n/a	DNQ	4.5	mg/L	EPA 1664B	1.3	5			
2021/22-1	Lab	LCS	11/15/2021	Hydrocarbon	Oil and Grease	n/a	=	16.1	mg/L	EPA 1664B	1.3	5			
2021/22-1	Lab	LCS dup	11/15/2021	Hydrocarbon	Oil and Grease	n/a	=	16.5	mg/L	EPA 1664B	1.3	5			
2021/22-1	Lab	LCS dup, rec	11/15/2021	Hydrocarbon	Oil and Grease	n/a	=	82	%	EPA 1664B	-88	-88	78	114	
2021/22-1	Lab	LCS, rec	11/15/2021	Hydrocarbon	Oil and Grease	n/a	=	90	%	EPA 1664B	-88	-88	78	114	
2021/22-1	Lab	LCS, rec	11/15/2021	Hydrocarbon	Oil and Grease	n/a	=	80	%	EPA 1664B	-88	-88	78	114	
2021/22-1	Lab	LCS, RPD	11/15/2021	Hydrocarbon	Oil and Grease	n/a	=	2	%	EPA 1664B	-88	-88	0	18	
2021/22-1	Lab	method blank	11/15/2021	Hydrocarbon	Oil and Grease	n/a	<	1.3	mg/L	EPA 1664B	1.3	5			
2021/22-1	MO-OJA	field blank	11/15/2021	Hydrocarbon	Oil and Grease	n/a	DNQ	3	mg/L	EPA 1664B	1.3	5			IP
2021/22-1	MO-SPA	field duplicate	11/11/2021	Hydrocarbon	Oil and Grease	n/a	<	1.3	mg/L	EPA 1664B	1.3	5			
2021/22-1	Lab	method blank	11/10/2021	Hydrocarbon	Oil Range Organics	n/a	<	0.33	mg/L	EPA 8015B	0.33	0.5			
2021/22-1	Lab	method blank	11/19/2021	Hydrocarbon	Oil Range Organics	n/a	<	0.33	mg/L	EPA 8015B	0.33	0.5			
2021/22-1	Lab	method blank	11/11/2021	Metal	Aluminum	Dissolved	<	4.4	µg/L	EPA 200.8	4.4	20			
2021/22-1	Lab	LCS	11/11/2021	Metal	Aluminum	Dissolved	=	49.1	µg/L	EPA 200.8	4.4	20			
2021/22-1	Lab	LCS, rec	11/11/2021	Metal	Aluminum	Dissolved	=	98	%	EPA 200.8	-88	-88	85	115	
2021/22-1	Lab	method blank	11/12/2021	Metal	Aluminum	Dissolved	<	4.4	µg/L	EPA 200.8	4.4	20			
2021/22-1	Lab	LCS	11/12/2021	Metal	Aluminum	Dissolved	=	49.2	µg/L	EPA 200.8	4.4	20			
2021/22-1	Lab	LCS, rec	11/12/2021	Metal	Aluminum	Dissolved	=	98	%	EPA 200.8	-88	-88	85	115	
2021/22-1	Lab	method blank	11/11/2021	Metal	Aluminum	Total	<	4.4	µg/L	EPA 200.8	4.4	20			
2021/22-1	Lab	LCS	11/11/2021	Metal	Aluminum	Total	=	49.1	µg/L	EPA 200.8	4.4	20			
2021/22-1	Lab	LCS, rec	11/11/2021	Metal	Aluminum	Total	=	98	%	EPA 200.8	-88	-88	85	115	
2021/22-1	Lab	method blank	11/12/2021	Metal	Aluminum	Total	<	4.4	µg/L	EPA 200.8	4.4	20			
2021/22-1	Lab	LCS	11/12/2021	Metal	Aluminum	Total	=	49.2	µg/L	EPA 200.8	4.4	20			
2021/22-1	Lab	LCS, rec	11/12/2021	Metal	Aluminum	Total	=	98	%	EPA 200.8	-88	-88	85	115	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2021/22-1	ME-SCR	matrix spike	11/11/2021	Metal	Aluminum	Total	=	7710	µg/L	EPA 200.8	4.4	20			GB
2021/22-1	ME-SCR	matrix spike, rec	11/11/2021	Metal	Aluminum	Total	=	-680	%	EPA 200.8	-88	-88	70	130	GB
2021/22-1	ME-SCR	matrix spike dup	11/11/2021	Metal	Aluminum	Total	=	7720	µg/L	EPA 200.8	4.4	20			GB
2021/22-1	ME-SCR	matrix spike dup, rec	11/11/2021	Metal	Aluminum	Total	=	-66	%	EPA 200.8	-88	-88	70	130	GB
2021/22-1	ME-SCR	matrix spike, RPD	11/11/2021	Metal	Aluminum	Total	=	0.09	%	EPA 200.8	-88	-88	0	30	GB
2021/22-1	MO-FIL	matrix spike	11/12/2021	Metal	Aluminum	Total	=	1710	µg/L	EPA 200.8	4.4	20			GB
2021/22-1	MO-FIL	matrix spike, rec	11/12/2021	Metal	Aluminum	Total	=	-53	%	EPA 200.8	-88	-88	70	130	GB
2021/22-1	MO-FIL	matrix spike dup	11/12/2021	Metal	Aluminum	Total	=	1780	µg/L	EPA 200.8	4.4	20			
2021/22-1	MO-FIL	matrix spike dup, rec	11/12/2021	Metal	Aluminum	Total	=	83	%	EPA 200.8	-88	-88	70	130	
2021/22-1	MO-FIL	matrix spike, RPD	11/12/2021	Metal	Aluminum	Total	=	4	%	EPA 200.8	-88	-88	0	30	
2021/22-1	MO-MEI	matrix spike	11/11/2021	Metal	Aluminum	Total	=	4740	µg/L	EPA 200.8	4.4	20			GB
2021/22-1	MO-MEI	matrix spike, rec	11/11/2021	Metal	Aluminum	Total	=	546	%	EPA 200.8	-88	-88	70	130	GB
2021/22-1	MO-MEI	matrix spike dup	11/11/2021	Metal	Aluminum	Total	=	4440	µg/L	EPA 200.8	4.4	20			GB
2021/22-1	MO-MEI	matrix spike dup, rec	11/11/2021	Metal	Aluminum	Total	=	-62	%	EPA 200.8	-88	-88	70	130	GB
2021/22-1	MO-MEI	matrix spike, RPD	11/11/2021	Metal	Aluminum	Total	=	7	%	EPA 200.8	-88	-88	0	30	GB
2021/22-1	MO-OXN	matrix spike	11/12/2021	Metal	Aluminum	Total	=	3800	µg/L	EPA 200.8	4.4	20			GB
2021/22-1	MO-OXN	matrix spike, rec	11/12/2021	Metal	Aluminum	Total	=	442	%	EPA 200.8	-88	-88	70	130	GB
2021/22-1	MO-OXN	matrix spike dup	11/12/2021	Metal	Aluminum	Total	=	3830	µg/L	EPA 200.8	4.4	20			GB
2021/22-1	MO-OXN	matrix spike dup, rec	11/12/2021	Metal	Aluminum	Total	=	495	%	EPA 200.8	-88	-88	70	130	GB
2021/22-1	MO-OXN	matrix spike, RPD	11/12/2021	Metal	Aluminum	Total	=	0.7	%	EPA 200.8	-88	-88	0	30	GB
2021/22-1	Lab	method blank	11/11/2021	Metal	Antimony	Dissolved	<	0.089	µg/L	EPA 200.8	0.089	0.5			
2021/22-1	Lab	LCS	11/11/2021	Metal	Antimony	Dissolved	=	50.8	µg/L	EPA 200.8	0.089	0.5			
2021/22-1	Lab	LCS, rec	11/11/2021	Metal	Antimony	Dissolved	=	102	%	EPA 200.8	-88	-88	85	115	
2021/22-1	Lab	method blank	11/12/2021	Metal	Antimony	Dissolved	<	0.089	µg/L	EPA 200.8	0.089	0.5			
2021/22-1	Lab	LCS	11/12/2021	Metal	Antimony	Dissolved	=	49.2	µg/L	EPA 200.8	0.089	0.5			
2021/22-1	Lab	LCS, rec	11/12/2021	Metal	Antimony	Dissolved	=	99	%	EPA 200.8	-88	-88	85	115	
2021/22-1	Lab	method blank	11/11/2021	Metal	Antimony	Total	<	0.089	µg/L	EPA 200.8	0.089	0.5			
2021/22-1	Lab	LCS	11/11/2021	Metal	Antimony	Total	=	50.8	µg/L	EPA 200.8	0.089	0.5			
2021/22-1	Lab	LCS, rec	11/11/2021	Metal	Antimony	Total	=	102	%	EPA 200.8	-88	-88	85	115	
2021/22-1	Lab	method blank	11/12/2021	Metal	Antimony	Total	<	0.089	µg/L	EPA 200.8	0.089	0.5			
2021/22-1	Lab	LCS	11/12/2021	Metal	Antimony	Total	=	49.2	µg/L	EPA 200.8	0.089	0.5			
2021/22-1	Lab	LCS, rec	11/12/2021	Metal	Antimony	Total	=	99	%	EPA 200.8	-88	-88	85	115	
2021/22-1	ME-SCR	matrix spike	11/11/2021	Metal	Antimony	Total	=	35	µg/L	EPA 200.8	0.089	0.5			GB
2021/22-1	ME-SCR	matrix spike, rec	11/11/2021	Metal	Antimony	Total	=	69	%	EPA 200.8	-88	-88	70	130	GB
2021/22-1	ME-SCR	matrix spike dup	11/11/2021	Metal	Antimony	Total	=	33.7	µg/L	EPA 200.8	0.089	0.5			GB
2021/22-1	ME-SCR	matrix spike dup, rec	11/11/2021	Metal	Antimony	Total	=	67	%	EPA 200.8	-88	-88	70	130	GB
2021/22-1	ME-SCR	matrix spike, RPD	11/11/2021	Metal	Antimony	Total	=	4	%	EPA 200.8	-88	-88	0	30	GB
2021/22-1	MO-FIL	matrix spike	11/12/2021	Metal	Antimony	Total	=	48.6	µg/L	EPA 200.8	0.089	0.5			
2021/22-1	MO-FIL	matrix spike, rec	11/12/2021	Metal	Antimony	Total	=	94	%	EPA 200.8	-88	-88	70	130	
2021/22-1	MO-FIL	matrix spike dup	11/12/2021	Metal	Antimony	Total	=	49.3	µg/L	EPA 200.8	0.089	0.5			
2021/22-1	MO-FIL	matrix spike dup, rec	11/12/2021	Metal	Antimony	Total	=	96	%	EPA 200.8	-88	-88	70	130	
2021/22-1	MO-FIL	matrix spike, RPD	11/12/2021	Metal	Antimony	Total	=	2	%	EPA 200.8	-88	-88	0	30	
2021/22-1	MO-MEI	matrix spike	11/11/2021	Metal	Antimony	Total	=	43.9	µg/L	EPA 200.8	0.089	0.5			
2021/22-1	MO-MEI	matrix spike, rec	11/11/2021	Metal	Antimony	Total	=	86	%	EPA 200.8	-88	-88	70	130	
2021/22-1	MO-MEI	matrix spike dup	11/11/2021	Metal	Antimony	Total	=	43.9	µg/L	EPA 200.8	0.089	0.5			
2021/22-1	MO-MEI	matrix spike dup, rec	11/11/2021	Metal	Antimony	Total	=	86	%	EPA 200.8	-88	-88	70	130	
2021/22-1	MO-MEI	matrix spike, RPD	11/11/2021	Metal	Antimony	Total	=	0.1	%	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	
2021/22-1	MO-OXN	matrix spike	11/12/2021	Metal	Antimony	Total	=	48.6	µg/L	EPA 200.8	0.089	0.5			
2021/22-1	MO-OXN	matrix spike, rec	11/12/2021	Metal	Antimony	Total	=	90	%	EPA 200.8	-88	-88	70	130	
2021/22-1	MO-OXN	matrix spike dup	11/12/2021	Metal	Antimony	Total	=	47.7	µg/L	EPA 200.8	0.089	0.5			
2021/22-1	MO-OXN	matrix spike dup, rec	11/12/2021	Metal	Antimony	Total	=	88	%	EPA 200.8	-88	-88	70	130	
2021/22-1	MO-OXN	matrix spike, RPD	11/12/2021	Metal	Antimony	Total	=	2	%	EPA 200.8	-88	-88	0	30	
2021/22-1	Lab	method blank	11/11/2021	Metal	Arsenic	Dissolved	<	0.074	µg/L	EPA 200.8	0.074	0.4			
2021/22-1	Lab	LCS	11/11/2021	Metal	Arsenic	Dissolved	=	50.7	µg/L	EPA 200.8	0.074	0.4			
2021/22-1	Lab	LCS, rec	11/11/2021	Metal	Arsenic	Dissolved	=	101	%	EPA 200.8	-88	-88	85	115	
2021/22-1	Lab	method blank	11/12/2021	Metal	Arsenic	Dissolved	<	0.074	µg/L	EPA 200.8	0.074	0.4			
2021/22-1	Lab	LCS	11/12/2021	Metal	Arsenic	Dissolved	=	49.8	µg/L	EPA 200.8	0.074	0.4			
2021/22-1	Lab	LCS, rec	11/12/2021	Metal	Arsenic	Dissolved	=	100	%	EPA 200.8	-88	-88	85	115	
2021/22-1	Lab	method blank	11/11/2021	Metal	Arsenic	Total	<	0.074	µg/L	EPA 200.8	0.074	0.4			
2021/22-1	Lab	LCS	11/11/2021	Metal	Arsenic	Total	=	50.7	µg/L	EPA 200.8	0.074	0.4			
2021/22-1	Lab	LCS, rec	11/11/2021	Metal	Arsenic	Total	=	101	%	EPA 200.8	-88	-88	85	115	
2021/22-1	Lab	method blank	11/12/2021	Metal	Arsenic	Total	<	0.074	µg/L	EPA 200.8	0.074	0.4			
2021/22-1	Lab	LCS	11/12/2021	Metal	Arsenic	Total	=	49.8	µg/L	EPA 200.8	0.074	0.4			
2021/22-1	Lab	LCS, rec	11/12/2021	Metal	Arsenic	Total	=	100	%	EPA 200.8	-88	-88	85	115	
2021/22-1	ME-SCR	matrix spike	11/11/2021	Metal	Arsenic	Total	=	55.8	µg/L	EPA 200.8	0.074	0.4			
2021/22-1	ME-SCR	matrix spike, rec	11/11/2021	Metal	Arsenic	Total	=	100	%	EPA 200.8	-88	-88	70	130	
2021/22-1	ME-SCR	matrix spike dup	11/11/2021	Metal	Arsenic	Total	=	55.3	µg/L	EPA 200.8	0.074	0.4			
2021/22-1	ME-SCR	matrix spike dup, rec	11/11/2021	Metal	Arsenic	Total	=	99	%	EPA 200.8	-88	-88	70	130	
2021/22-1	ME-SCR	matrix spike, RPD	11/11/2021	Metal	Arsenic	Total	=	0.8	%	EPA 200.8	-88	-88	0	30	
2021/22-1	MO-FIL	matrix spike	11/12/2021	Metal	Arsenic	Total	=	52.3	µg/L	EPA 200.8	0.074	0.4			
2021/22-1	MO-FIL	matrix spike, rec	11/12/2021	Metal	Arsenic	Total	=	100	%	EPA 200.8	-88	-88	70	130	
2021/22-1	MO-FIL	matrix spike dup	11/12/2021	Metal	Arsenic	Total	=	53.3	µg/L	EPA 200.8	0.074	0.4			
2021/22-1	MO-FIL	matrix spike dup, rec	11/12/2021	Metal	Arsenic	Total	=	102	%	EPA 200.8	-88	-88	70	130	
2021/22-1	MO-FIL	matrix spike, RPD	11/12/2021	Metal	Arsenic	Total	=	2	%	EPA 200.8	-88	-88	0	30	
2021/22-1	MO-MEI	matrix spike	11/11/2021	Metal	Arsenic	Total	=	51.3	µg/L	EPA 200.8	0.074	0.4			
2021/22-1	MO-MEI	matrix spike, rec	11/11/2021	Metal	Arsenic	Total	=	99	%	EPA 200.8	-88	-88	70	130	
2021/22-1	MO-MEI	matrix spike dup	11/11/2021	Metal	Arsenic	Total	=	51.7	µg/L	EPA 200.8	0.074	0.4			
2021/22-1	MO-MEI	matrix spike dup, rec	11/11/2021	Metal	Arsenic	Total	=	100	%	EPA 200.8	-88	-88	70	130	
2021/22-1	MO-MEI	matrix spike, RPD	11/11/2021	Metal	Arsenic	Total	=	0.8	%	EPA 200.8	-88	-88	0	30	
2021/22-1	MO-OXN	matrix spike	11/12/2021	Metal	Arsenic	Total	=	52.4	µg/L	EPA 200.8	0.074	0.4			
2021/22-1	MO-OXN	matrix spike, rec	11/12/2021	Metal	Arsenic	Total	=	100	%	EPA 200.8	-88	-88	70	130	
2021/22-1	MO-OXN	matrix spike dup	11/12/2021	Metal	Arsenic	Total	=	52.2	µg/L	EPA 200.8	0.074	0.4			
2021/22-1	MO-OXN	matrix spike dup, rec	11/12/2021	Metal	Arsenic	Total	=	100	%	EPA 200.8	-88	-88	70	130	
2021/22-1	MO-OXN	matrix spike, RPD	11/12/2021	Metal	Arsenic	Total	=	0.4	%	EPA 200.8	-88	-88	0	30	
2021/22-1	Lab	method blank	11/11/2021	Metal	Barium	Total	<	0.14	µg/L	EPA 200.8	0.14	1			
2021/22-1	Lab	LCS	11/11/2021	Metal	Barium	Total	=	51.3	µg/L	EPA 200.8	0.14	1			
2021/22-1	Lab	LCS, rec	11/11/2021	Metal	Barium	Total	=	103	%	EPA 200.8	-88	-88	85	115	
2021/22-1	Lab	method blank	11/12/2021	Metal	Barium	Total	DNQ	0.148	µg/L	EPA 200.8	0.14	1			IP
2021/22-1	Lab	LCS	11/12/2021	Metal	Barium	Total	=	48.5	µg/L	EPA 200.8	0.14	1			
2021/22-1	Lab	LCS, rec	11/12/2021	Metal	Barium	Total	=	97	%	EPA 200.8	-88	-88	85	115	
2021/22-1	ME-SCR	matrix spike	11/11/2021	Metal	Barium	Total	=	177	µg/L	EPA 200.8	0.14	1			
2021/22-1	ME-SCR	matrix spike, rec	11/11/2021	Metal	Barium	Total	=	94	%	EPA 200.8	-88	-88	70	130	
2021/22-1	ME-SCR	matrix spike dup	11/11/2021	Metal	Barium	Total	=	178	µg/L	EPA 200.8	0.14	1			
2021/22-1	ME-SCR	matrix spike dup, rec	11/11/2021	Metal	Barium	Total	=	97	%	EPA 200.8	-88	-88	70	130	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2021/22-1	ME-SCR	matrix spike, RPD	11/11/2021	Metal	Barium	Total	=	0.7	%	EPA 200.8	-88	-88	0	30	
2021/22-1	MO-FIL	matrix spike	11/12/2021	Metal	Barium	Total	=	102	µg/L	EPA 200.8	0.14	1			
2021/22-1	MO-FIL	matrix spike, rec	11/12/2021	Metal	Barium	Total	=	96	%	EPA 200.8	-88	-88	70	130	
2021/22-1	MO-FIL	matrix spike dup	11/12/2021	Metal	Barium	Total	=	106	µg/L	EPA 200.8	0.14	1			
2021/22-1	MO-FIL	matrix spike dup, rec	11/12/2021	Metal	Barium	Total	=	104	%	EPA 200.8	-88	-88	70	130	
2021/22-1	MO-FIL	matrix spike, RPD	11/12/2021	Metal	Barium	Total	=	4	%	EPA 200.8	-88	-88	0	30	
2021/22-1	MO-MEI	matrix spike	11/11/2021	Metal	Barium	Total	=	131	µg/L	EPA 200.8	0.14	1			
2021/22-1	MO-MEI	matrix spike, rec	11/11/2021	Metal	Barium	Total	=	105	%	EPA 200.8	-88	-88	70	130	
2021/22-1	MO-MEI	matrix spike dup	11/11/2021	Metal	Barium	Total	=	129	µg/L	EPA 200.8	0.14	1			
2021/22-1	MO-MEI	matrix spike dup, rec	11/11/2021	Metal	Barium	Total	=	101	%	EPA 200.8	-88	-88	70	130	
2021/22-1	MO-MEI	matrix spike, RPD	11/11/2021	Metal	Barium	Total	=	1	%	EPA 200.8	-88	-88	0	30	
2021/22-1	MO-OXN	matrix spike	11/12/2021	Metal	Barium	Total	=	138	µg/L	EPA 200.8	0.14	1			
2021/22-1	MO-OXN	matrix spike, rec	11/12/2021	Metal	Barium	Total	=	101	%	EPA 200.8	-88	-88	70	130	
2021/22-1	MO-OXN	matrix spike dup	11/12/2021	Metal	Barium	Total	=	136	µg/L	EPA 200.8	0.14	1			
2021/22-1	MO-OXN	matrix spike dup, rec	11/12/2021	Metal	Barium	Total	=	95	%	EPA 200.8	-88	-88	70	130	
2021/22-1	MO-OXN	matrix spike, RPD	11/12/2021	Metal	Barium	Total	=	2	%	EPA 200.8	-88	-88	0	30	
2021/22-1	Lab	method blank	11/11/2021	Metal	Beryllium	Dissolved	<	0.062	µg/L	EPA 200.8	0.062	0.1			
2021/22-1	Lab	LCS	11/11/2021	Metal	Beryllium	Dissolved	=	48.1	µg/L	EPA 200.8	0.062	0.1			
2021/22-1	Lab	LCS, rec	11/11/2021	Metal	Beryllium	Dissolved	=	96	%	EPA 200.8	-88	-88	85	115	
2021/22-1	Lab	method blank	11/12/2021	Metal	Beryllium	Dissolved	<	0.062	µg/L	EPA 200.8	0.062	0.1			
2021/22-1	Lab	LCS	11/12/2021	Metal	Beryllium	Dissolved	=	48.3	µg/L	EPA 200.8	0.062	0.1			
2021/22-1	Lab	LCS, rec	11/12/2021	Metal	Beryllium	Dissolved	=	97	%	EPA 200.8	-88	-88	85	115	
2021/22-1	Lab	method blank	11/11/2021	Metal	Beryllium	Total	<	0.062	µg/L	EPA 200.8	0.062	0.1			
2021/22-1	Lab	LCS	11/11/2021	Metal	Beryllium	Total	=	48.1	µg/L	EPA 200.8	0.062	0.1			
2021/22-1	Lab	LCS, rec	11/11/2021	Metal	Beryllium	Total	=	96	%	EPA 200.8	-88	-88	85	115	
2021/22-1	Lab	method blank	11/12/2021	Metal	Beryllium	Total	<	0.062	µg/L	EPA 200.8	0.062	0.1			
2021/22-1	Lab	LCS	11/12/2021	Metal	Beryllium	Total	=	48.3	µg/L	EPA 200.8	0.062	0.1			
2021/22-1	Lab	LCS, rec	11/12/2021	Metal	Beryllium	Total	=	97	%	EPA 200.8	-88	-88	85	115	
2021/22-1	ME-SCR	matrix spike	11/11/2021	Metal	Beryllium	Total	=	44.7	µg/L	EPA 200.8	0.062	0.1			
2021/22-1	ME-SCR	matrix spike, rec	11/11/2021	Metal	Beryllium	Total	=	88	%	EPA 200.8	-88	-88	70	130	
2021/22-1	ME-SCR	matrix spike dup	11/11/2021	Metal	Beryllium	Total	=	53.8	µg/L	EPA 200.8	0.062	0.1			
2021/22-1	ME-SCR	matrix spike dup, rec	11/11/2021	Metal	Beryllium	Total	=	107	%	EPA 200.8	-88	-88	70	130	
2021/22-1	ME-SCR	matrix spike, RPD	11/11/2021	Metal	Beryllium	Total	=	18	%	EPA 200.8	-88	-88	0	30	
2021/22-1	MO-FIL	matrix spike	11/12/2021	Metal	Beryllium	Total	=	49.8	µg/L	EPA 200.8	0.062	0.1			
2021/22-1	MO-FIL	matrix spike, rec	11/12/2021	Metal	Beryllium	Total	=	100	%	EPA 200.8	-88	-88	70	130	
2021/22-1	MO-FIL	matrix spike dup	11/12/2021	Metal	Beryllium	Total	=	50.2	µg/L	EPA 200.8	0.062	0.1			
2021/22-1	MO-FIL	matrix spike dup, rec	11/12/2021	Metal	Beryllium	Total	=	100	%	EPA 200.8	-88	-88	70	130	
2021/22-1	MO-FIL	matrix spike, RPD	11/12/2021	Metal	Beryllium	Total	=	0.7	%	EPA 200.8	-88	-88	0	30	
2021/22-1	MO-MEI	matrix spike	11/11/2021	Metal	Beryllium	Total	=	49.2	µg/L	EPA 200.8	0.062	0.1			
2021/22-1	MO-MEI	matrix spike, rec	11/11/2021	Metal	Beryllium	Total	=	98	%	EPA 200.8	-88	-88	70	130	
2021/22-1	MO-MEI	matrix spike dup	11/11/2021	Metal	Beryllium	Total	=	50.5	µg/L	EPA 200.8	0.062	0.1			
2021/22-1	MO-MEI	matrix spike dup, rec	11/11/2021	Metal	Beryllium	Total	=	101	%	EPA 200.8	-88	-88	70	130	
2021/22-1	MO-MEI	matrix spike, RPD	11/11/2021	Metal	Beryllium	Total	=	2	%	EPA 200.8	-88	-88	0	30	
2021/22-1	MO-OXN	matrix spike	11/12/2021	Metal	Beryllium	Total	=	49.5	µg/L	EPA 200.8	0.062	0.1			
2021/22-1	MO-OXN	matrix spike, rec	11/12/2021	Metal	Beryllium	Total	=	99	%	EPA 200.8	-88	-88	70	130	
2021/22-1	MO-OXN	matrix spike dup	11/12/2021	Metal	Beryllium	Total	=	47.4	µg/L	EPA 200.8	0.062	0.1			
2021/22-1	MO-OXN	matrix spike dup, rec	11/12/2021	Metal	Beryllium	Total	=	95	%	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	
2021/22-1	MO-OXN	matrix spike, RPD	11/12/2021	Metal	Beryllium	Total	=	4	%	EPA 200.8	-88	-88	0	30	
2021/22-1	Lab	method blank	11/11/2021	Metal	Cadmium	Dissolved	<	0.042	µg/L	EPA 200.8	0.042	0.2			
2021/22-1	Lab	LCS	11/11/2021	Metal	Cadmium	Dissolved	=	50.8	µg/L	EPA 200.8	0.042	0.2			
2021/22-1	Lab	LCS, rec	11/11/2021	Metal	Cadmium	Dissolved	=	102	%	EPA 200.8	-88	-88	85	115	
2021/22-1	Lab	method blank	11/12/2021	Metal	Cadmium	Dissolved	<	0.042	µg/L	EPA 200.8	0.042	0.2			
2021/22-1	Lab	LCS	11/12/2021	Metal	Cadmium	Dissolved	=	49.6	µg/L	EPA 200.8	0.042	0.2			
2021/22-1	Lab	LCS, rec	11/12/2021	Metal	Cadmium	Dissolved	=	99	%	EPA 200.8	-88	-88	85	115	
2021/22-1	Lab	method blank	11/11/2021	Metal	Cadmium	Total	<	0.042	µg/L	EPA 200.8	0.042	0.2			
2021/22-1	Lab	LCS	11/11/2021	Metal	Cadmium	Total	=	50.8	µg/L	EPA 200.8	0.042	0.2			
2021/22-1	Lab	LCS, rec	11/11/2021	Metal	Cadmium	Total	=	102	%	EPA 200.8	-88	-88	85	115	
2021/22-1	Lab	method blank	11/12/2021	Metal	Cadmium	Total	<	0.042	µg/L	EPA 200.8	0.042	0.2			
2021/22-1	Lab	LCS	11/12/2021	Metal	Cadmium	Total	=	49.6	µg/L	EPA 200.8	0.042	0.2			
2021/22-1	Lab	LCS, rec	11/12/2021	Metal	Cadmium	Total	=	99	%	EPA 200.8	-88	-88	85	115	
2021/22-1	ME-SCR	matrix spike	11/11/2021	Metal	Cadmium	Total	=	50.2	µg/L	EPA 200.8	0.042	0.2			
2021/22-1	ME-SCR	matrix spike, rec	11/11/2021	Metal	Cadmium	Total	=	100	%	EPA 200.8	-88	-88	70	130	
2021/22-1	ME-SCR	matrix spike dup	11/11/2021	Metal	Cadmium	Total	=	49.4	µg/L	EPA 200.8	0.042	0.2			
2021/22-1	ME-SCR	matrix spike dup, rec	11/11/2021	Metal	Cadmium	Total	=	98	%	EPA 200.8	-88	-88	70	130	
2021/22-1	ME-SCR	matrix spike, RPD	11/11/2021	Metal	Cadmium	Total	=	2	%	EPA 200.8	-88	-88	0	30	
2021/22-1	MO-FIL	matrix spike	11/12/2021	Metal	Cadmium	Total	=	50.1	µg/L	EPA 200.8	0.042	0.2			
2021/22-1	MO-FIL	matrix spike, rec	11/12/2021	Metal	Cadmium	Total	=	99	%	EPA 200.8	-88	-88	70	130	
2021/22-1	MO-FIL	matrix spike dup	11/12/2021	Metal	Cadmium	Total	=	50.7	µg/L	EPA 200.8	0.042	0.2			
2021/22-1	MO-FIL	matrix spike dup, rec	11/12/2021	Metal	Cadmium	Total	=	100	%	EPA 200.8	-88	-88	70	130	
2021/22-1	MO-FIL	matrix spike, RPD	11/12/2021	Metal	Cadmium	Total	=	1	%	EPA 200.8	-88	-88	0	30	
2021/22-1	MO-MEI	matrix spike	11/11/2021	Metal	Cadmium	Total	=	51	µg/L	EPA 200.8	0.042	0.2			
2021/22-1	MO-MEI	matrix spike, rec	11/11/2021	Metal	Cadmium	Total	=	101	%	EPA 200.8	-88	-88	70	130	
2021/22-1	MO-MEI	matrix spike dup	11/11/2021	Metal	Cadmium	Total	=	51.1	µg/L	EPA 200.8	0.042	0.2			
2021/22-1	MO-MEI	matrix spike dup, rec	11/11/2021	Metal	Cadmium	Total	=	102	%	EPA 200.8	-88	-88	70	130	
2021/22-1	MO-MEI	matrix spike, RPD	11/11/2021	Metal	Cadmium	Total	=	0.2	%	EPA 200.8	-88	-88	0	30	
2021/22-1	MO-OXN	matrix spike	11/12/2021	Metal	Cadmium	Total	=	50.1	µg/L	EPA 200.8	0.042	0.2			
2021/22-1	MO-OXN	matrix spike, rec	11/12/2021	Metal	Cadmium	Total	=	99	%	EPA 200.8	-88	-88	70	130	
2021/22-1	MO-OXN	matrix spike dup	11/12/2021	Metal	Cadmium	Total	=	49.1	µg/L	EPA 200.8	0.042	0.2			
2021/22-1	MO-OXN	matrix spike dup, rec	11/12/2021	Metal	Cadmium	Total	=	97	%	EPA 200.8	-88	-88	70	130	
2021/22-1	MO-OXN	matrix spike, RPD	11/12/2021	Metal	Cadmium	Total	=	2	%	EPA 200.8	-88	-88	0	30	
2021/22-1	Lab	method blank	11/11/2021	Metal	Chromium	Dissolved	DNQ	0.129	µg/L	EPA 200.8	0.089	0.2			IP
2021/22-1	Lab	LCS	11/11/2021	Metal	Chromium	Dissolved	=	52.8	µg/L	EPA 200.8	0.089	0.2			
2021/22-1	Lab	LCS, rec	11/11/2021	Metal	Chromium	Dissolved	=	106	%	EPA 200.8	-88	-88	85	115	
2021/22-1	Lab	method blank	11/12/2021	Metal	Chromium	Dissolved	<	0.089	µg/L	EPA 200.8	0.089	0.2			
2021/22-1	Lab	LCS	11/12/2021	Metal	Chromium	Dissolved	=	49.6	µg/L	EPA 200.8	0.089	0.2			
2021/22-1	Lab	LCS, rec	11/12/2021	Metal	Chromium	Dissolved	=	99	%	EPA 200.8	-88	-88	85	115	
2021/22-1	Lab	method blank	11/11/2021	Metal	Chromium	Total	<	0.089	µg/L	EPA 200.8	0.089	0.2			
2021/22-1	Lab	LCS	11/11/2021	Metal	Chromium	Total	=	52.8	µg/L	EPA 200.8	0.089	0.2			
2021/22-1	Lab	LCS, rec	11/11/2021	Metal	Chromium	Total	=	106	%	EPA 200.8	-88	-88	85	115	
2021/22-1	Lab	method blank	11/12/2021	Metal	Chromium	Total	<	0.089	µg/L	EPA 200.8	0.089	0.2			
2021/22-1	Lab	LCS	11/12/2021	Metal	Chromium	Total	=	49.6	µg/L	EPA 200.8	0.089	0.2			
2021/22-1	Lab	LCS, rec	11/12/2021	Metal	Chromium	Total	=	99	%	EPA 200.8	-88	-88	85	115	
2021/22-1	ME-SCR	matrix spike	11/11/2021	Metal	Chromium	Total	=	65.6	µg/L	EPA 200.8	0.089	0.2			
2021/22-1	ME-SCR	matrix spike, rec	11/11/2021	Metal	Chromium	Total	=	100	%	EPA 200.8	-88	-88	70	130	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2021/22-1	ME-SCR	matrix spike dup	11/11/2021	Metal	Chromium	Total	=	64.7	µg/L	EPA 200.8	0.089	0.2			
2021/22-1	ME-SCR	matrix spike dup, rec	11/11/2021	Metal	Chromium	Total	=	98	%	EPA 200.8	-88	-88	70	130	
2021/22-1	ME-SCR	matrix spike, RPD	11/11/2021	Metal	Chromium	Total	=	1	%	EPA 200.8	-88	-88	0	30	
2021/22-1	MO-FIL	matrix spike	11/12/2021	Metal	Chromium	Total	=	55.2	µg/L	EPA 200.8	0.089	0.2			
2021/22-1	MO-FIL	matrix spike, rec	11/12/2021	Metal	Chromium	Total	=	98	%	EPA 200.8	-88	-88	70	130	
2021/22-1	MO-FIL	matrix spike dup	11/12/2021	Metal	Chromium	Total	=	56.2	µg/L	EPA 200.8	0.089	0.2			
2021/22-1	MO-FIL	matrix spike dup, rec	11/12/2021	Metal	Chromium	Total	=	100	%	EPA 200.8	-88	-88	70	130	
2021/22-1	MO-FIL	matrix spike, RPD	11/12/2021	Metal	Chromium	Total	=	2	%	EPA 200.8	-88	-88	0	30	
2021/22-1	MO-MEI	matrix spike	11/11/2021	Metal	Chromium	Total	=	63.2	µg/L	EPA 200.8	0.089	0.2			
2021/22-1	MO-MEI	matrix spike, rec	11/11/2021	Metal	Chromium	Total	=	107	%	EPA 200.8	-88	-88	70	130	
2021/22-1	MO-MEI	matrix spike dup	11/11/2021	Metal	Chromium	Total	=	61.3	µg/L	EPA 200.8	0.089	0.2			
2021/22-1	MO-MEI	matrix spike dup, rec	11/11/2021	Metal	Chromium	Total	=	103	%	EPA 200.8	-88	-88	70	130	
2021/22-1	MO-MEI	matrix spike, RPD	11/11/2021	Metal	Chromium	Total	=	3	%	EPA 200.8	-88	-88	0	30	
2021/22-1	MO-OXN	matrix spike	11/12/2021	Metal	Chromium	Total	=	58.6	µg/L	EPA 200.8	0.089	0.2			
2021/22-1	MO-OXN	matrix spike, rec	11/12/2021	Metal	Chromium	Total	=	99	%	EPA 200.8	-88	-88	70	130	
2021/22-1	MO-OXN	matrix spike dup	11/12/2021	Metal	Chromium	Total	=	57.9	µg/L	EPA 200.8	0.089	0.2			
2021/22-1	MO-OXN	matrix spike dup, rec	11/12/2021	Metal	Chromium	Total	=	97	%	EPA 200.8	-88	-88	70	130	
2021/22-1	MO-OXN	matrix spike, RPD	11/12/2021	Metal	Chromium	Total	=	1	%	EPA 200.8	-88	-88	0	30	
2021/22-1	000NONPJ	matrix spike	11/2/2021	Metal	Chromium VI	n/a	=	5.75	µg/L	EPA 218.6	0.0079	0.02			
2021/22-1	000NONPJ	matrix spike, rec	11/2/2021	Metal	Chromium VI	n/a	=	102	%	EPA 218.6	-88	-88	88	112	
2021/22-1	000NONPJ	matrix spike dup	11/2/2021	Metal	Chromium VI	n/a	=	5.94	µg/L	EPA 218.6	0.0079	0.02			
2021/22-1	000NONPJ	matrix spike dup, rec	11/2/2021	Metal	Chromium VI	n/a	=	106	%	EPA 218.6	-88	-88	88	112	
2021/22-1	000NONPJ	matrix spike, RPD	11/2/2021	Metal	Chromium VI	n/a	=	3	%	EPA 218.6	-88	-88	0	10	
2021/22-1	000NONPJ	matrix spike	11/2/2021	Metal	Chromium VI	n/a	=	5.17	µg/L	EPA 218.6	0.0079	0.02			
2021/22-1	000NONPJ	matrix spike, rec	11/2/2021	Metal	Chromium VI	n/a	=	100	%	EPA 218.6	-88	-88	88	112	
2021/22-1	000NONPJ	matrix spike dup	11/2/2021	Metal	Chromium VI	n/a	=	5.16	µg/L	EPA 218.6	0.0079	0.02			
2021/22-1	000NONPJ	matrix spike dup, rec	11/2/2021	Metal	Chromium VI	n/a	=	100	%	EPA 218.6	-88	-88	88	112	
2021/22-1	000NONPJ	matrix spike, RPD	11/2/2021	Metal	Chromium VI	n/a	=	0.1	%	EPA 218.6	-88	-88	0	10	
2021/22-1	Lab	method blank	11/2/2021	Metal	Chromium VI	n/a	<	0.0079	µg/L	EPA 218.6	0.0079	0.02			
2021/22-1	Lab	LCS	11/2/2021	Metal	Chromium VI	n/a	=	5.18	µg/L	EPA 218.6	0.0079	0.02			
2021/22-1	Lab	LCS, rec	11/2/2021	Metal	Chromium VI	n/a	=	104	%	EPA 218.6	-88	-88	90	110	
2021/22-1	Lab	method blank	11/11/2021	Metal	Copper	Dissolved	<	0.23	µg/L	EPA 200.8	0.23	0.5			
2021/22-1	Lab	LCS	11/11/2021	Metal	Copper	Dissolved	=	55.1	µg/L	EPA 200.8	0.23	0.5			
2021/22-1	Lab	LCS, rec	11/11/2021	Metal	Copper	Dissolved	=	110	%	EPA 200.8	-88	-88	85	115	
2021/22-1	Lab	method blank	11/12/2021	Metal	Copper	Dissolved	DNQ	0.28	µg/L	EPA 200.8	0.23	0.5			IP
2021/22-1	Lab	LCS	11/12/2021	Metal	Copper	Dissolved	=	51.2	µg/L	EPA 200.8	0.23	0.5			
2021/22-1	Lab	LCS, rec	11/12/2021	Metal	Copper	Dissolved	=	102	%	EPA 200.8	-88	-88	85	115	
2021/22-1	Lab	method blank	11/11/2021	Metal	Copper	Total	<	0.23	µg/L	EPA 200.8	0.23	0.5			
2021/22-1	Lab	LCS	11/11/2021	Metal	Copper	Total	=	55.1	µg/L	EPA 200.8	0.23	0.5			
2021/22-1	Lab	LCS, rec	11/11/2021	Metal	Copper	Total	=	110	%	EPA 200.8	-88	-88	85	115	
2021/22-1	Lab	method blank	11/12/2021	Metal	Copper	Total	DNQ	0.284	µg/L	EPA 200.8	0.23	0.5			IP
2021/22-1	Lab	LCS	11/12/2021	Metal	Copper	Total	=	51.2	µg/L	EPA 200.8	0.23	0.5			
2021/22-1	Lab	LCS, rec	11/12/2021	Metal	Copper	Total	=	102	%	EPA 200.8	-88	-88	85	115	
2021/22-1	ME-SCR	matrix spike	11/11/2021	Metal	Copper	Total	=	64.7	µg/L	EPA 200.8	0.23	0.5			
2021/22-1	ME-SCR	matrix spike, rec	11/11/2021	Metal	Copper	Total	=	102	%	EPA 200.8	-88	-88	70	130	
2021/22-1	ME-SCR	matrix spike dup	11/11/2021	Metal	Copper	Total	=	63.5	µg/L	EPA 200.8	0.23	0.5			
2021/22-1	ME-SCR	matrix spike dup, rec	11/11/2021	Metal	Copper	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	
2021/22-1	ME-SCR	matrix spike, RPD	11/11/2021	Metal	Copper	Total	=	2	%	EPA 200.8	-88	-88	0	30	
2021/22-1	MO-FIL	matrix spike	11/12/2021	Metal	Copper	Total	=	76.6	µg/L	EPA 200.8	0.23	0.5			
2021/22-1	MO-FIL	matrix spike, rec	11/12/2021	Metal	Copper	Total	=	97	%	EPA 200.8	-88	-88	70	130	
2021/22-1	MO-FIL	matrix spike dup	11/12/2021	Metal	Copper	Total	=	78.5	µg/L	EPA 200.8	0.23	0.5			
2021/22-1	MO-FIL	matrix spike dup, rec	11/12/2021	Metal	Copper	Total	=	100	%	EPA 200.8	-88	-88	70	130	
2021/22-1	MO-FIL	matrix spike, RPD	11/12/2021	Metal	Copper	Total	=	2	%	EPA 200.8	-88	-88	0	30	
2021/22-1	MO-MEI	matrix spike	11/11/2021	Metal	Copper	Total	=	80.7	µg/L	EPA 200.8	0.23	0.5			
2021/22-1	MO-MEI	matrix spike, rec	11/11/2021	Metal	Copper	Total	=	112	%	EPA 200.8	-88	-88	70	130	
2021/22-1	MO-MEI	matrix spike dup	11/11/2021	Metal	Copper	Total	=	79.2	µg/L	EPA 200.8	0.23	0.5			
2021/22-1	MO-MEI	matrix spike dup, rec	11/11/2021	Metal	Copper	Total	=	109	%	EPA 200.8	-88	-88	70	130	
2021/22-1	MO-MEI	matrix spike, RPD	11/11/2021	Metal	Copper	Total	=	2	%	EPA 200.8	-88	-88	0	30	
2021/22-1	MO-OXN	matrix spike	11/12/2021	Metal	Copper	Total	=	95.7	µg/L	EPA 200.8	0.23	0.5			
2021/22-1	MO-OXN	matrix spike, rec	11/12/2021	Metal	Copper	Total	=	99	%	EPA 200.8	-88	-88	70	130	
2021/22-1	MO-OXN	matrix spike dup	11/12/2021	Metal	Copper	Total	=	94.7	µg/L	EPA 200.8	0.23	0.5			
2021/22-1	MO-OXN	matrix spike dup, rec	11/12/2021	Metal	Copper	Total	=	97	%	EPA 200.8	-88	-88	70	130	
2021/22-1	MO-OXN	matrix spike, RPD	11/12/2021	Metal	Copper	Total	=	1	%	EPA 200.8	-88	-88	0	30	
2021/22-1	Lab	method blank	11/11/2021	Metal	Iron	Dissolved	<	3.9	µg/L	EPA 200.8	3.9	20			
2021/22-1	Lab	LCS	11/11/2021	Metal	Iron	Dissolved	=	1130	µg/L	EPA 200.8	3.9	20			
2021/22-1	Lab	LCS, rec	11/11/2021	Metal	Iron	Dissolved	=	107	%	EPA 200.8	-88	-88	85	115	
2021/22-1	Lab	method blank	11/12/2021	Metal	Iron	Dissolved	DNQ	7.49	µg/L	EPA 200.8	3.9	20			IP
2021/22-1	Lab	LCS	11/12/2021	Metal	Iron	Dissolved	=	1090	µg/L	EPA 200.8	3.9	20			
2021/22-1	Lab	LCS, rec	11/12/2021	Metal	Iron	Dissolved	=	104	%	EPA 200.8	-88	-88	85	115	
2021/22-1	Lab	method blank	11/11/2021	Metal	Iron	Total	<	3.9	µg/L	EPA 200.8	3.9	20			
2021/22-1	Lab	LCS	11/11/2021	Metal	Iron	Total	=	1130	µg/L	EPA 200.8	3.9	20			
2021/22-1	Lab	LCS, rec	11/11/2021	Metal	Iron	Total	=	107	%	EPA 200.8	-88	-88	85	115	
2021/22-1	Lab	method blank	11/12/2021	Metal	Iron	Total	<	3.9	µg/L	EPA 200.8	3.9	20			
2021/22-1	Lab	LCS	11/12/2021	Metal	Iron	Total	=	1090	µg/L	EPA 200.8	3.9	20			
2021/22-1	Lab	LCS, rec	11/12/2021	Metal	Iron	Total	=	104	%	EPA 200.8	-88	-88	85	115	
2021/22-1	Lab	method blank	11/15/2021	Metal	Iron	Total	<	3.9	µg/L	EPA 200.8	3.9	20			
2021/22-1	Lab	LCS	11/15/2021	Metal	Iron	Total	=	1140	µg/L	EPA 200.8	3.9	20			
2021/22-1	Lab	LCS, rec	11/15/2021	Metal	Iron	Total	=	108	%	EPA 200.8	-88	-88	85	115	
2021/22-1	ME-SCR	matrix spike	11/11/2021	Metal	Iron	Total	=	15800	µg/L	EPA 200.8	3.9	20			
2021/22-1	ME-SCR	matrix spike, rec	11/11/2021	Metal	Iron	Total	=	84	%	EPA 200.8	-88	-88	70	130	
2021/22-1	ME-SCR	matrix spike dup	11/11/2021	Metal	Iron	Total	=	15800	µg/L	EPA 200.8	3.9	20			
2021/22-1	ME-SCR	matrix spike dup, rec	11/11/2021	Metal	Iron	Total	=	85	%	EPA 200.8	-88	-88	70	130	
2021/22-1	ME-SCR	matrix spike, RPD	11/11/2021	Metal	Iron	Total	=	0.07	%	EPA 200.8	-88	-88	0	30	
2021/22-1	ME-SCR	matrix spike	11/15/2021	Metal	Iron	Total	=	15700	µg/L	EPA 200.8	3.9	20			
2021/22-1	ME-SCR	matrix spike dup	11/15/2021	Metal	Iron	Total	=	16300	µg/L	EPA 200.8	3.9	20			
2021/22-1	ME-SCR	matrix spike dup, rec	11/15/2021	Metal	Iron	Total	=	126	%	EPA 200.8	-88	-88	70	130	
2021/22-1	ME-SCR	matrix spike, rec	11/15/2021	Metal	Iron	Total	=	73	%	EPA 200.8	-88	-88	70	130	
2021/22-1	ME-SCR	matrix spike, RPD	11/15/2021	Metal	Iron	Total	=	3	%	EPA 200.8	-88	-88	0	30	
2021/22-1	MO-FIL	matrix spike	11/12/2021	Metal	Iron	Total	=	3590	µg/L	EPA 200.8	3.9	20			
2021/22-1	MO-FIL	matrix spike, rec	11/12/2021	Metal	Iron	Total	=	91	%	EPA 200.8	-88	-88	70	130	
2021/22-1	MO-FIL	matrix spike dup	11/12/2021	Metal	Iron	Total	=	3710	µg/L	EPA 200.8	3.9	20			
2021/22-1	MO-FIL	matrix spike dup, rec	11/12/2021	Metal	Iron	Total	=	102	%	EPA 200.8	-88	-88	70	130	
2021/22-1	MO-FIL	matrix spike, RPD	11/12/2021	Metal	Iron	Total	=	3	%	EPA 200.8	-88	-88	0	30	
2021/22-1	MO-MEI	matrix spike	11/11/2021	Metal	Iron	Total	=	6970	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	
2021/22-1	MO-MEI	matrix spike, rec	11/11/2021	Metal	Iron	Total	=	116	%	EPA 200.8	-88	-88	70	130	
2021/22-1	MO-MEI	matrix spike dup	11/11/2021	Metal	Iron	Total	=	6590	µg/L	EPA 200.8	3.9	20			
2021/22-1	MO-MEI	matrix spike dup, rec	11/11/2021	Metal	Iron	Total	=	80	%	EPA 200.8	-88	-88	70	130	
2021/22-1	MO-MEI	matrix spike, RPD	11/11/2021	Metal	Iron	Total	=	6	%	EPA 200.8	-88	-88	0	30	
2021/22-1	MO-OXN	matrix spike	11/12/2021	Metal	Iron	Total	=	6750	µg/L	EPA 200.8	3.9	20			
2021/22-1	MO-OXN	matrix spike, rec	11/12/2021	Metal	Iron	Total	=	117	%	EPA 200.8	-88	-88	70	130	
2021/22-1	MO-OXN	matrix spike dup	11/12/2021	Metal	Iron	Total	=	6730	µg/L	EPA 200.8	3.9	20			
2021/22-1	MO-OXN	matrix spike dup, rec	11/12/2021	Metal	Iron	Total	=	115	%	EPA 200.8	-88	-88	70	130	
2021/22-1	MO-OXN	matrix spike, RPD	11/12/2021	Metal	Iron	Total	=	0.3	%	EPA 200.8	-88	-88	0	30	
2021/22-1	Lab	method blank	11/11/2021	Metal	Lead	Dissolved	<	0.083	µg/L	EPA 200.8	0.083	0.2			
2021/22-1	Lab	LCS	11/11/2021	Metal	Lead	Dissolved	=	50.6	µg/L	EPA 200.8	0.083	0.2			
2021/22-1	Lab	LCS, rec	11/11/2021	Metal	Lead	Dissolved	=	101	%	EPA 200.8	-88	-88	85	115	
2021/22-1	Lab	method blank	11/12/2021	Metal	Lead	Dissolved	DNQ	0.126	µg/L	EPA 200.8	0.083	0.2			IP
2021/22-1	Lab	LCS	11/12/2021	Metal	Lead	Dissolved	=	49.2	µg/L	EPA 200.8	0.083	0.2			
2021/22-1	Lab	LCS, rec	11/12/2021	Metal	Lead	Dissolved	=	98	%	EPA 200.8	-88	-88	85	115	
2021/22-1	Lab	method blank	11/11/2021	Metal	Lead	Total	<	0.083	µg/L	EPA 200.8	0.083	0.2			
2021/22-1	Lab	LCS	11/11/2021	Metal	Lead	Total	=	50.6	µg/L	EPA 200.8	0.083	0.2			
2021/22-1	Lab	LCS, rec	11/11/2021	Metal	Lead	Total	=	101	%	EPA 200.8	-88	-88	85	115	
2021/22-1	Lab	method blank	11/12/2021	Metal	Lead	Total	<	0.083	µg/L	EPA 200.8	0.083	0.2			
2021/22-1	Lab	LCS	11/12/2021	Metal	Lead	Total	=	49.2	µg/L	EPA 200.8	0.083	0.2			
2021/22-1	Lab	LCS, rec	11/12/2021	Metal	Lead	Total	=	98	%	EPA 200.8	-88	-88	85	115	
2021/22-1	ME-SCR	matrix spike	11/11/2021	Metal	Lead	Total	=	56.1	µg/L	EPA 200.8	0.083	0.2			
2021/22-1	ME-SCR	matrix spike, rec	11/11/2021	Metal	Lead	Total	=	102	%	EPA 200.8	-88	-88	70	130	
2021/22-1	ME-SCR	matrix spike dup	11/11/2021	Metal	Lead	Total	=	56.1	µg/L	EPA 200.8	0.083	0.2			
2021/22-1	ME-SCR	matrix spike dup, rec	11/11/2021	Metal	Lead	Total	=	102	%	EPA 200.8	-88	-88	70	130	
2021/22-1	ME-SCR	matrix spike, RPD	11/11/2021	Metal	Lead	Total	=	0.05	%	EPA 200.8	-88	-88	0	30	
2021/22-1	MO-FIL	matrix spike	11/12/2021	Metal	Lead	Total	=	53.7	µg/L	EPA 200.8	0.083	0.2			
2021/22-1	MO-FIL	matrix spike, rec	11/12/2021	Metal	Lead	Total	=	99	%	EPA 200.8	-88	-88	70	130	
2021/22-1	MO-FIL	matrix spike dup	11/12/2021	Metal	Lead	Total	=	54.2	µg/L	EPA 200.8	0.083	0.2			
2021/22-1	MO-FIL	matrix spike dup, rec	11/12/2021	Metal	Lead	Total	=	100	%	EPA 200.8	-88	-88	70	130	
2021/22-1	MO-FIL	matrix spike, RPD	11/12/2021	Metal	Lead	Total	=	0.9	%	EPA 200.8	-88	-88	0	30	
2021/22-1	MO-MEI	matrix spike	11/11/2021	Metal	Lead	Total	=	60.7	µg/L	EPA 200.8	0.083	0.2			
2021/22-1	MO-MEI	matrix spike, rec	11/11/2021	Metal	Lead	Total	=	100	%	EPA 200.8	-88	-88	70	130	
2021/22-1	MO-MEI	matrix spike dup	11/11/2021	Metal	Lead	Total	=	61.1	µg/L	EPA 200.8	0.083	0.2			
2021/22-1	MO-MEI	matrix spike dup, rec	11/11/2021	Metal	Lead	Total	=	101	%	EPA 200.8	-88	-88	70	130	
2021/22-1	MO-MEI	matrix spike, RPD	11/11/2021	Metal	Lead	Total	=	0.7	%	EPA 200.8	-88	-88	0	30	
2021/22-1	MO-OXN	matrix spike	11/12/2021	Metal	Lead	Total	=	63.6	µg/L	EPA 200.8	0.083	0.2			
2021/22-1	MO-OXN	matrix spike, rec	11/12/2021	Metal	Lead	Total	=	99	%	EPA 200.8	-88	-88	70	130	
2021/22-1	MO-OXN	matrix spike dup	11/12/2021	Metal	Lead	Total	=	62.8	µg/L	EPA 200.8	0.083	0.2			
2021/22-1	MO-OXN	matrix spike dup, rec	11/12/2021	Metal	Lead	Total	=	98	%	EPA 200.8	-88	-88	70	130	
2021/22-1	MO-OXN	matrix spike, RPD	11/12/2021	Metal	Lead	Total	=	1	%	EPA 200.8	-88	-88	0	30	
2021/22-1	000NONPJ	matrix spike	11/5/2021	Metal	Mercury	Dissolved	=	1050	ng/L	EPA 245.1	17	50			
2021/22-1	000NONPJ	matrix spike, rec	11/5/2021	Metal	Mercury	Dissolved	=	102	%	EPA 245.1	-88	-88	70	130	
2021/22-1	000NONPJ	matrix spike dup	11/5/2021	Metal	Mercury	Dissolved	=	1050	ng/L	EPA 245.1	17	50			
2021/22-1	000NONPJ	matrix spike dup, rec	11/5/2021	Metal	Mercury	Dissolved	=	102	%	EPA 245.1	-88	-88	70	130	
2021/22-1	000NONPJ	matrix spike, RPD	11/5/2021	Metal	Mercury	Dissolved	=	0.4	%	EPA 245.1	-88	-88	0	20	
2021/22-1	Lab	method blank	11/5/2021	Metal	Mercury	Dissolved	DNQ	21.4	ng/L	EPA 245.1	17	50			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	
2021/22-1	Lab	LCS	11/5/2021	Metal	Mercury	Dissolved	=	1110	ng/L	EPA 245.1	17	50			
2021/22-1	Lab	LCS, rec	11/5/2021	Metal	Mercury	Dissolved	=	111	%	EPA 245.1	-88	-88	85	115	
2021/22-1	Lab	method blank	11/5/2021	Metal	Mercury	Dissolved	DNQ	17.2	ng/L	EPA 245.1	17	50			IP
2021/22-1	Lab	LCS	11/5/2021	Metal	Mercury	Dissolved	=	1090	ng/L	EPA 245.1	17	50			
2021/22-1	Lab	LCS, rec	11/5/2021	Metal	Mercury	Dissolved	=	109	%	EPA 245.1	-88	-88	85	115	
2021/22-1	ME-CC	matrix spike	11/5/2021	Metal	Mercury	Dissolved	=	1070	ng/L	EPA 245.1	17	50			
2021/22-1	ME-CC	matrix spike, rec	11/5/2021	Metal	Mercury	Dissolved	=	105	%	EPA 245.1	-88	-88	70	130	
2021/22-1	ME-CC	matrix spike dup	11/5/2021	Metal	Mercury	Dissolved	=	1110	ng/L	EPA 245.1	17	50			
2021/22-1	ME-CC	matrix spike dup, rec	11/5/2021	Metal	Mercury	Dissolved	=	109	%	EPA 245.1	-88	-88	70	130	
2021/22-1	ME-CC	matrix spike, RPD	11/5/2021	Metal	Mercury	Dissolved	=	4	%	EPA 245.1	-88	-88	0	20	
2021/22-1	MO-FIL	matrix spike	11/5/2021	Metal	Mercury	Dissolved	=	1140	ng/L	EPA 245.1	17	50			
2021/22-1	MO-FIL	matrix spike, rec	11/5/2021	Metal	Mercury	Dissolved	=	112	%	EPA 245.1	-88	-88	70	130	
2021/22-1	MO-FIL	matrix spike dup	11/5/2021	Metal	Mercury	Dissolved	=	1140	ng/L	EPA 245.1	17	50			
2021/22-1	MO-FIL	matrix spike dup, rec	11/5/2021	Metal	Mercury	Dissolved	=	112	%	EPA 245.1	-88	-88	70	130	
2021/22-1	MO-FIL	matrix spike, RPD	11/5/2021	Metal	Mercury	Dissolved	=	0.2	%	EPA 245.1	-88	-88	0	20	
2021/22-1	MO-HUE	matrix spike	11/5/2021	Metal	Mercury	Dissolved	=	1080	ng/L	EPA 245.1	17	50			
2021/22-1	MO-HUE	matrix spike, rec	11/5/2021	Metal	Mercury	Dissolved	=	105	%	EPA 245.1	-88	-88	70	130	
2021/22-1	MO-HUE	matrix spike dup	11/5/2021	Metal	Mercury	Dissolved	=	1090	ng/L	EPA 245.1	17	50			
2021/22-1	MO-HUE	matrix spike dup, rec	11/5/2021	Metal	Mercury	Dissolved	=	107	%	EPA 245.1	-88	-88	70	130	
2021/22-1	MO-HUE	matrix spike, RPD	11/5/2021	Metal	Mercury	Dissolved	=	1	%	EPA 245.1	-88	-88	0	20	
2021/22-1	000NONPJ	matrix spike	11/5/2021	Metal	Mercury	Total	=	1050	ng/L	EPA 245.1	17	50			
2021/22-1	000NONPJ	matrix spike, rec	11/5/2021	Metal	Mercury	Total	=	102	%	EPA 245.1	-88	-88	70	130	
2021/22-1	000NONPJ	matrix spike dup	11/5/2021	Metal	Mercury	Total	=	1050	ng/L	EPA 245.1	17	50			
2021/22-1	000NONPJ	matrix spike dup, rec	11/5/2021	Metal	Mercury	Total	=	102	%	EPA 245.1	-88	-88	70	130	
2021/22-1	000NONPJ	matrix spike, RPD	11/5/2021	Metal	Mercury	Total	=	0.4	%	EPA 245.1	-88	-88	0	20	
2021/22-1	Lab	method blank	11/5/2021	Metal	Mercury	Total	DNQ	20.5	ng/L	EPA 245.1	17	50			IP
2021/22-1	Lab	LCS	11/5/2021	Metal	Mercury	Total	=	1110	ng/L	EPA 245.1	17	50			
2021/22-1	Lab	LCS, rec	11/5/2021	Metal	Mercury	Total	=	111	%	EPA 245.1	-88	-88	85	115	
2021/22-1	Lab	method blank	11/5/2021	Metal	Mercury	Total	<	17	ng/L	EPA 245.1	17	50			
2021/22-1	Lab	LCS	11/5/2021	Metal	Mercury	Total	=	1090	ng/L	EPA 245.1	17	50			
2021/22-1	Lab	LCS, rec	11/5/2021	Metal	Mercury	Total	=	109	%	EPA 245.1	-88	-88	85	115	
2021/22-1	ME-CC	matrix spike	11/5/2021	Metal	Mercury	Total	=	1070	ng/L	EPA 245.1	17	50			
2021/22-1	ME-CC	matrix spike, rec	11/5/2021	Metal	Mercury	Total	=	104	%	EPA 245.1	-88	-88	70	130	
2021/22-1	ME-CC	matrix spike dup	11/5/2021	Metal	Mercury	Total	=	1110	ng/L	EPA 245.1	17	50			
2021/22-1	ME-CC	matrix spike dup, rec	11/5/2021	Metal	Mercury	Total	=	109	%	EPA 245.1	-88	-88	70	130	
2021/22-1	ME-CC	matrix spike, RPD	11/5/2021	Metal	Mercury	Total	=	4	%	EPA 245.1	-88	-88	0	20	
2021/22-1	MO-FIL	matrix spike	11/5/2021	Metal	Mercury	Total	=	1140	ng/L	EPA 245.1	17	50			
2021/22-1	MO-FIL	matrix spike, rec	11/5/2021	Metal	Mercury	Total	=	111	%	EPA 245.1	-88	-88	70	130	
2021/22-1	MO-FIL	matrix spike dup	11/5/2021	Metal	Mercury	Total	=	1140	ng/L	EPA 245.1	17	50			
2021/22-1	MO-FIL	matrix spike dup, rec	11/5/2021	Metal	Mercury	Total	=	111	%	EPA 245.1	-88	-88	70	130	
2021/22-1	MO-FIL	matrix spike, RPD	11/5/2021	Metal	Mercury	Total	=	0.2	%	EPA 245.1	-88	-88	0	20	
2021/22-1	MO-HUE	matrix spike	11/5/2021	Metal	Mercury	Total	=	1080	ng/L	EPA 245.1	17	50			
2021/22-1	MO-HUE	matrix spike, rec	11/5/2021	Metal	Mercury	Total	=	104	%	EPA 245.1	-88	-88	70	130	
2021/22-1	MO-HUE	matrix spike dup	11/5/2021	Metal	Mercury	Total	=	1090	ng/L	EPA 245.1	17	50			
2021/22-1	MO-HUE	matrix spike dup, rec	11/5/2021	Metal	Mercury	Total	=	105	%	EPA 245.1	-88	-88	70	130	
2021/22-1	MO-HUE	matrix spike, RPD	11/5/2021	Metal	Mercury	Total	=	1	%	EPA 245.1	-88	-88	0	20	
2021/22-1	Lab	method blank	11/11/2021	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	
2021/22-1	Lab	LCS	11/11/2021	Metal	Nickel	Dissolved	=	53.3	µg/L	EPA 200.8	0.16	2			
2021/22-1	Lab	LCS, rec	11/11/2021	Metal	Nickel	Dissolved	=	107	%	EPA 200.8	-88	-88	85	115	
2021/22-1	Lab	method blank	11/12/2021	Metal	Nickel	Dissolved	<	0.16	µg/L	EPA 200.8	0.16	2			
2021/22-1	Lab	LCS	11/12/2021	Metal	Nickel	Dissolved	=	49.2	µg/L	EPA 200.8	0.16	2			
2021/22-1	Lab	LCS, rec	11/12/2021	Metal	Nickel	Dissolved	=	98	%	EPA 200.8	-88	-88	85	115	
2021/22-1	Lab	method blank	11/11/2021	Metal	Nickel	Total	DNQ	0.682	µg/L	EPA 200.8	0.16	2			IP
2021/22-1	Lab	LCS	11/11/2021	Metal	Nickel	Total	=	53.3	µg/L	EPA 200.8	0.16	2			
2021/22-1	Lab	LCS, rec	11/11/2021	Metal	Nickel	Total	=	107	%	EPA 200.8	-88	-88	85	115	
2021/22-1	Lab	method blank	11/12/2021	Metal	Nickel	Total	<	0.16	µg/L	EPA 200.8	0.16	2			
2021/22-1	Lab	LCS	11/12/2021	Metal	Nickel	Total	=	49.2	µg/L	EPA 200.8	0.16	2			
2021/22-1	Lab	LCS, rec	11/12/2021	Metal	Nickel	Total	=	98	%	EPA 200.8	-88	-88	85	115	
2021/22-1	ME-SCR	matrix spike	11/11/2021	Metal	Nickel	Total	=	65.9	µg/L	EPA 200.8	0.16	2			
2021/22-1	ME-SCR	matrix spike, rec	11/11/2021	Metal	Nickel	Total	=	100	%	EPA 200.8	-88	-88	70	130	
2021/22-1	ME-SCR	matrix spike dup	11/11/2021	Metal	Nickel	Total	=	64.7	µg/L	EPA 200.8	0.16	2			
2021/22-1	ME-SCR	matrix spike dup, rec	11/11/2021	Metal	Nickel	Total	=	98	%	EPA 200.8	-88	-88	70	130	
2021/22-1	ME-SCR	matrix spike, RPD	11/11/2021	Metal	Nickel	Total	=	2	%	EPA 200.8	-88	-88	0	30	
2021/22-1	MO-FIL	matrix spike	11/12/2021	Metal	Nickel	Total	=	56.3	µg/L	EPA 200.8	0.16	2			
2021/22-1	MO-FIL	matrix spike, rec	11/12/2021	Metal	Nickel	Total	=	98	%	EPA 200.8	-88	-88	70	130	
2021/22-1	MO-FIL	matrix spike dup	11/12/2021	Metal	Nickel	Total	=	58	µg/L	EPA 200.8	0.16	2			
2021/22-1	MO-FIL	matrix spike dup, rec	11/12/2021	Metal	Nickel	Total	=	101	%	EPA 200.8	-88	-88	70	130	
2021/22-1	MO-FIL	matrix spike, RPD	11/12/2021	Metal	Nickel	Total	=	3	%	EPA 200.8	-88	-88	0	30	
2021/22-1	MO-MEI	matrix spike	11/11/2021	Metal	Nickel	Total	=	68.4	µg/L	EPA 200.8	0.16	2			
2021/22-1	MO-MEI	matrix spike, rec	11/11/2021	Metal	Nickel	Total	=	108	%	EPA 200.8	-88	-88	70	130	
2021/22-1	MO-MEI	matrix spike dup	11/11/2021	Metal	Nickel	Total	=	67.3	µg/L	EPA 200.8	0.16	2			
2021/22-1	MO-MEI	matrix spike dup, rec	11/11/2021	Metal	Nickel	Total	=	106	%	EPA 200.8	-88	-88	70	130	
2021/22-1	MO-MEI	matrix spike, RPD	11/11/2021	Metal	Nickel	Total	=	2	%	EPA 200.8	-88	-88	0	30	
2021/22-1	MO-OXN	matrix spike	11/12/2021	Metal	Nickel	Total	=	60.7	µg/L	EPA 200.8	0.16	2			
2021/22-1	MO-OXN	matrix spike, rec	11/12/2021	Metal	Nickel	Total	=	98	%	EPA 200.8	-88	-88	70	130	
2021/22-1	MO-OXN	matrix spike dup	11/12/2021	Metal	Nickel	Total	=	60.6	µg/L	EPA 200.8	0.16	2			
2021/22-1	MO-OXN	matrix spike dup, rec	11/12/2021	Metal	Nickel	Total	=	98	%	EPA 200.8	-88	-88	70	130	
2021/22-1	MO-OXN	matrix spike, RPD	11/12/2021	Metal	Nickel	Total	=	0.1	%	EPA 200.8	-88	-88	0	30	
2021/22-1	Lab	method blank	11/11/2021	Metal	Selenium	Dissolved	<	0.067	µg/L	EPA 200.8	0.067	0.4			
2021/22-1	Lab	LCS	11/11/2021	Metal	Selenium	Dissolved	=	49.9	µg/L	EPA 200.8	0.067	0.4			
2021/22-1	Lab	LCS, rec	11/11/2021	Metal	Selenium	Dissolved	=	100	%	EPA 200.8	-88	-88	85	115	
2021/22-1	Lab	method blank	11/12/2021	Metal	Selenium	Dissolved	<	0.067	µg/L	EPA 200.8	0.067	0.4			
2021/22-1	Lab	LCS	11/12/2021	Metal	Selenium	Dissolved	=	48.7	µg/L	EPA 200.8	0.067	0.4			
2021/22-1	Lab	LCS, rec	11/12/2021	Metal	Selenium	Dissolved	=	97	%	EPA 200.8	-88	-88	85	115	
2021/22-1	Lab	method blank	11/11/2021	Metal	Selenium	Total	<	0.067	µg/L	EPA 200.8	0.067	0.4			
2021/22-1	Lab	LCS	11/11/2021	Metal	Selenium	Total	=	49.9	µg/L	EPA 200.8	0.067	0.4			
2021/22-1	Lab	LCS, rec	11/11/2021	Metal	Selenium	Total	=	100	%	EPA 200.8	-88	-88	85	115	
2021/22-1	Lab	method blank	11/12/2021	Metal	Selenium	Total	<	0.067	µg/L	EPA 200.8	0.067	0.4			
2021/22-1	Lab	LCS	11/12/2021	Metal	Selenium	Total	=	48.7	µg/L	EPA 200.8	0.067	0.4			
2021/22-1	Lab	LCS, rec	11/12/2021	Metal	Selenium	Total	=	97	%	EPA 200.8	-88	-88	85	115	
2021/22-1	ME-SCR	matrix spike	11/11/2021	Metal	Selenium	Total	=	47.6	µg/L	EPA 200.8	0.067	0.4			
2021/22-1	ME-SCR	matrix spike, rec	11/11/2021	Metal	Selenium	Total	=	92	%	EPA 200.8	-88	-88	70	130	
2021/22-1	ME-SCR	matrix spike dup	11/11/2021	Metal	Selenium	Total	=	49.4	µg/L	EPA 200.8	0.067	0.4			
2021/22-1	ME-SCR	matrix spike dup, rec	11/11/2021	Metal	Selenium	Total	=	96	%	EPA 200.8	-88	-88	70	130	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2021/22-1	ME-SCR	matrix spike, RPD	11/11/2021	Metal	Selenium	Total	=	4	%	EPA 200.8	-88	-88	0	30	
2021/22-1	MO-FIL	matrix spike	11/12/2021	Metal	Selenium	Total	=	50.3	µg/L	EPA 200.8	0.067	0.4			
2021/22-1	MO-FIL	matrix spike, rec	11/12/2021	Metal	Selenium	Total	=	98	%	EPA 200.8	-88	-88	70	130	
2021/22-1	MO-FIL	matrix spike dup	11/12/2021	Metal	Selenium	Total	=	50.8	µg/L	EPA 200.8	0.067	0.4			
2021/22-1	MO-FIL	matrix spike dup, rec	11/12/2021	Metal	Selenium	Total	=	99	%	EPA 200.8	-88	-88	70	130	
2021/22-1	MO-FIL	matrix spike, RPD	11/12/2021	Metal	Selenium	Total	=	1	%	EPA 200.8	-88	-88	0	30	
2021/22-1	MO-MEI	matrix spike	11/11/2021	Metal	Selenium	Total	=	49	µg/L	EPA 200.8	0.067	0.4			
2021/22-1	MO-MEI	matrix spike, rec	11/11/2021	Metal	Selenium	Total	=	98	%	EPA 200.8	-88	-88	70	130	
2021/22-1	MO-MEI	matrix spike dup	11/11/2021	Metal	Selenium	Total	=	49.1	µg/L	EPA 200.8	0.067	0.4			
2021/22-1	MO-MEI	matrix spike dup, rec	11/11/2021	Metal	Selenium	Total	=	98	%	EPA 200.8	-88	-88	70	130	
2021/22-1	MO-MEI	matrix spike, RPD	11/11/2021	Metal	Selenium	Total	=	0.09	%	EPA 200.8	-88	-88	0	30	
2021/22-1	MO-OXN	matrix spike	11/12/2021	Metal	Selenium	Total	=	49.5	µg/L	EPA 200.8	0.067	0.4			
2021/22-1	MO-OXN	matrix spike, rec	11/12/2021	Metal	Selenium	Total	=	98	%	EPA 200.8	-88	-88	70	130	
2021/22-1	MO-OXN	matrix spike dup	11/12/2021	Metal	Selenium	Total	=	48.7	µg/L	EPA 200.8	0.067	0.4			
2021/22-1	MO-OXN	matrix spike dup, rec	11/12/2021	Metal	Selenium	Total	=	96	%	EPA 200.8	-88	-88	70	130	
2021/22-1	MO-OXN	matrix spike, RPD	11/12/2021	Metal	Selenium	Total	=	2	%	EPA 200.8	-88	-88	0	30	
2021/22-1	Lab	method blank	11/11/2021	Metal	Silver	Dissolved	<	0.03	µg/L	EPA 200.8	0.03	0.2			
2021/22-1	Lab	LCS	11/11/2021	Metal	Silver	Dissolved	=	48	µg/L	EPA 200.8	0.03	0.2			
2021/22-1	Lab	LCS, rec	11/11/2021	Metal	Silver	Dissolved	=	96	%	EPA 200.8	-88	-88	85	115	
2021/22-1	Lab	method blank	11/12/2021	Metal	Silver	Dissolved	<	0.03	µg/L	EPA 200.8	0.03	0.2			
2021/22-1	Lab	LCS	11/12/2021	Metal	Silver	Dissolved	=	45.6	µg/L	EPA 200.8	0.03	0.2			
2021/22-1	Lab	LCS, rec	11/12/2021	Metal	Silver	Dissolved	=	91	%	EPA 200.8	-88	-88	85	115	
2021/22-1	Lab	method blank	11/11/2021	Metal	Silver	Total	<	0.03	µg/L	EPA 200.8	0.03	0.2			
2021/22-1	Lab	LCS	11/11/2021	Metal	Silver	Total	=	48	µg/L	EPA 200.8	0.03	0.2			
2021/22-1	Lab	LCS, rec	11/11/2021	Metal	Silver	Total	=	96	%	EPA 200.8	-88	-88	85	115	
2021/22-1	Lab	method blank	11/12/2021	Metal	Silver	Total	<	0.03	µg/L	EPA 200.8	0.03	0.2			
2021/22-1	Lab	LCS	11/12/2021	Metal	Silver	Total	=	45.6	µg/L	EPA 200.8	0.03	0.2			
2021/22-1	Lab	LCS, rec	11/12/2021	Metal	Silver	Total	=	91	%	EPA 200.8	-88	-88	85	115	
2021/22-1	ME-SCR	matrix spike	11/11/2021	Metal	Silver	Total	=	47.7	µg/L	EPA 200.8	0.03	0.2			
2021/22-1	ME-SCR	matrix spike, rec	11/11/2021	Metal	Silver	Total	=	96	%	EPA 200.8	-88	-88	70	130	
2021/22-1	ME-SCR	matrix spike dup	11/11/2021	Metal	Silver	Total	=	45.8	µg/L	EPA 200.8	0.03	0.2			
2021/22-1	ME-SCR	matrix spike dup, rec	11/11/2021	Metal	Silver	Total	=	92	%	EPA 200.8	-88	-88	70	130	
2021/22-1	ME-SCR	matrix spike, RPD	11/11/2021	Metal	Silver	Total	=	4	%	EPA 200.8	-88	-88	0	30	
2021/22-1	MO-FIL	matrix spike	11/12/2021	Metal	Silver	Total	=	45.4	µg/L	EPA 200.8	0.03	0.2			
2021/22-1	MO-FIL	matrix spike, rec	11/12/2021	Metal	Silver	Total	=	91	%	EPA 200.8	-88	-88	70	130	
2021/22-1	MO-FIL	matrix spike dup	11/12/2021	Metal	Silver	Total	=	48.3	µg/L	EPA 200.8	0.03	0.2			
2021/22-1	MO-FIL	matrix spike dup, rec	11/12/2021	Metal	Silver	Total	=	97	%	EPA 200.8	-88	-88	70	130	
2021/22-1	MO-FIL	matrix spike, RPD	11/12/2021	Metal	Silver	Total	=	6	%	EPA 200.8	-88	-88	0	30	
2021/22-1	MO-MEI	matrix spike	11/11/2021	Metal	Silver	Total	=	47.9	µg/L	EPA 200.8	0.03	0.2			
2021/22-1	MO-MEI	matrix spike, rec	11/11/2021	Metal	Silver	Total	=	96	%	EPA 200.8	-88	-88	70	130	
2021/22-1	MO-MEI	matrix spike dup	11/11/2021	Metal	Silver	Total	=	50.5	µg/L	EPA 200.8	0.03	0.2			
2021/22-1	MO-MEI	matrix spike dup, rec	11/11/2021	Metal	Silver	Total	=	101	%	EPA 200.8	-88	-88	70	130	
2021/22-1	MO-MEI	matrix spike, RPD	11/11/2021	Metal	Silver	Total	=	5	%	EPA 200.8	-88	-88	0	30	
2021/22-1	MO-OXN	matrix spike	11/12/2021	Metal	Silver	Total	=	45.6	µg/L	EPA 200.8	0.03	0.2			
2021/22-1	MO-OXN	matrix spike, rec	11/12/2021	Metal	Silver	Total	=	91	%	EPA 200.8	-88	-88	70	130	
2021/22-1	MO-OXN	matrix spike dup	11/12/2021	Metal	Silver	Total	=	47.2	µg/L	EPA 200.8	0.03	0.2			
2021/22-1	MO-OXN	matrix spike dup, rec	11/12/2021	Metal	Silver	Total	=	94	%	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	
2021/22-1	MO-OXN	matrix spike, RPD	11/12/2021	Metal	Silver	Total	=	4	%	EPA 200.8	-88	-88	0	30	
2021/22-1	Lab	method blank	11/11/2021	Metal	Thallium	Dissolved	<	0.021	µg/L	EPA 200.8	0.021	0.2			
2021/22-1	Lab	LCS	11/11/2021	Metal	Thallium	Dissolved	=	49.7	µg/L	EPA 200.8	0.021	0.2			
2021/22-1	Lab	LCS, rec	11/11/2021	Metal	Thallium	Dissolved	=	100	%	EPA 200.8	-88	-88	85	115	
2021/22-1	Lab	method blank	11/12/2021	Metal	Thallium	Dissolved	<	0.021	µg/L	EPA 200.8	0.021	0.2			
2021/22-1	Lab	LCS	11/12/2021	Metal	Thallium	Dissolved	=	48.3	µg/L	EPA 200.8	0.021	0.2			
2021/22-1	Lab	LCS, rec	11/12/2021	Metal	Thallium	Dissolved	=	97	%	EPA 200.8	-88	-88	85	115	
2021/22-1	Lab	method blank	11/11/2021	Metal	Thallium	Total	<	0.021	µg/L	EPA 200.8	0.021	0.2			
2021/22-1	Lab	LCS	11/11/2021	Metal	Thallium	Total	=	49.7	µg/L	EPA 200.8	0.021	0.2			
2021/22-1	Lab	LCS, rec	11/11/2021	Metal	Thallium	Total	=	100	%	EPA 200.8	-88	-88	85	115	
2021/22-1	Lab	method blank	11/12/2021	Metal	Thallium	Total	<	0.021	µg/L	EPA 200.8	0.021	0.2			
2021/22-1	Lab	LCS	11/12/2021	Metal	Thallium	Total	=	48.3	µg/L	EPA 200.8	0.021	0.2			
2021/22-1	Lab	LCS, rec	11/12/2021	Metal	Thallium	Total	=	97	%	EPA 200.8	-88	-88	85	115	
2021/22-1	ME-SCR	matrix spike	11/11/2021	Metal	Thallium	Total	=	51.2	µg/L	EPA 200.8	0.021	0.2			
2021/22-1	ME-SCR	matrix spike, rec	11/11/2021	Metal	Thallium	Total	=	102	%	EPA 200.8	-88	-88	70	130	
2021/22-1	ME-SCR	matrix spike dup	11/11/2021	Metal	Thallium	Total	=	51	µg/L	EPA 200.8	0.021	0.2			
2021/22-1	ME-SCR	matrix spike dup, rec	11/11/2021	Metal	Thallium	Total	=	102	%	EPA 200.8	-88	-88	70	130	
2021/22-1	ME-SCR	matrix spike, RPD	11/11/2021	Metal	Thallium	Total	=	0.3	%	EPA 200.8	-88	-88	0	30	
2021/22-1	MO-FIL	matrix spike	11/12/2021	Metal	Thallium	Total	=	49.3	µg/L	EPA 200.8	0.021	0.2			
2021/22-1	MO-FIL	matrix spike, rec	11/12/2021	Metal	Thallium	Total	=	98	%	EPA 200.8	-88	-88	70	130	
2021/22-1	MO-FIL	matrix spike dup	11/12/2021	Metal	Thallium	Total	=	49.4	µg/L	EPA 200.8	0.021	0.2			
2021/22-1	MO-FIL	matrix spike dup, rec	11/12/2021	Metal	Thallium	Total	=	99	%	EPA 200.8	-88	-88	70	130	
2021/22-1	MO-FIL	matrix spike, RPD	11/12/2021	Metal	Thallium	Total	=	0.3	%	EPA 200.8	-88	-88	0	30	
2021/22-1	MO-MEI	matrix spike	11/11/2021	Metal	Thallium	Total	=	48.9	µg/L	EPA 200.8	0.021	0.2			
2021/22-1	MO-MEI	matrix spike, rec	11/11/2021	Metal	Thallium	Total	=	98	%	EPA 200.8	-88	-88	70	130	
2021/22-1	MO-MEI	matrix spike dup	11/11/2021	Metal	Thallium	Total	=	49.4	µg/L	EPA 200.8	0.021	0.2			
2021/22-1	MO-MEI	matrix spike dup, rec	11/11/2021	Metal	Thallium	Total	=	99	%	EPA 200.8	-88	-88	70	130	
2021/22-1	MO-MEI	matrix spike, RPD	11/11/2021	Metal	Thallium	Total	=	1	%	EPA 200.8	-88	-88	0	30	
2021/22-1	MO-OXN	matrix spike	11/12/2021	Metal	Thallium	Total	=	47.8	µg/L	EPA 200.8	0.021	0.2			
2021/22-1	MO-OXN	matrix spike, rec	11/12/2021	Metal	Thallium	Total	=	96	%	EPA 200.8	-88	-88	70	130	
2021/22-1	MO-OXN	matrix spike dup	11/12/2021	Metal	Thallium	Total	=	47.9	µg/L	EPA 200.8	0.021	0.2			
2021/22-1	MO-OXN	matrix spike dup, rec	11/12/2021	Metal	Thallium	Total	=	96	%	EPA 200.8	-88	-88	70	130	
2021/22-1	MO-OXN	matrix spike, RPD	11/12/2021	Metal	Thallium	Total	=	0.2	%	EPA 200.8	-88	-88	0	30	
2021/22-1	Lab	method blank	11/11/2021	Metal	Zinc	Dissolved	<	0.8	µg/L	EPA 200.8	0.8	10			
2021/22-1	Lab	LCS	11/11/2021	Metal	Zinc	Dissolved	=	50.1	µg/L	EPA 200.8	0.8	10			
2021/22-1	Lab	LCS, rec	11/11/2021	Metal	Zinc	Dissolved	=	100	%	EPA 200.8	-88	-88	85	115	
2021/22-1	Lab	method blank	11/12/2021	Metal	Zinc	Dissolved	DNQ	0.88	µg/L	EPA 200.8	0.8	10			IP
2021/22-1	Lab	LCS	11/12/2021	Metal	Zinc	Dissolved	=	49.7	µg/L	EPA 200.8	0.8	10			
2021/22-1	Lab	LCS, rec	11/12/2021	Metal	Zinc	Dissolved	=	99	%	EPA 200.8	-88	-88	85	115	
2021/22-1	Lab	method blank	11/11/2021	Metal	Zinc	Total	<	0.8	µg/L	EPA 200.8	0.8	10			
2021/22-1	Lab	LCS	11/11/2021	Metal	Zinc	Total	=	50.1	µg/L	EPA 200.8	0.8	10			
2021/22-1	Lab	LCS, rec	11/11/2021	Metal	Zinc	Total	=	100	%	EPA 200.8	-88	-88	85	115	
2021/22-1	Lab	method blank	11/12/2021	Metal	Zinc	Total	<	0.8	µg/L	EPA 200.8	0.8	10			
2021/22-1	Lab	LCS	11/12/2021	Metal	Zinc	Total	=	49.7	µg/L	EPA 200.8	0.8	10			
2021/22-1	Lab	LCS, rec	11/12/2021	Metal	Zinc	Total	=	99	%	EPA 200.8	-88	-88	85	115	
2021/22-1	ME-SCR	matrix spike	11/11/2021	Metal	Zinc	Total	=	82.7	µg/L	EPA 200.8	0.8	10			
2021/22-1	ME-SCR	matrix spike, rec	11/11/2021	Metal	Zinc	Total	=	93	%	EPA 200.8	-88	-88	70	130	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2021/22-1	ME-SCR	matrix spike dup	11/11/2021	Metal	Zinc	Total	=	82.5	µg/L	EPA 200.8	0.8	10			
2021/22-1	ME-SCR	matrix spike dup, rec	11/11/2021	Metal	Zinc	Total	=	93	%	EPA 200.8	-88	-88	70	130	
2021/22-1	ME-SCR	matrix spike, RPD	11/11/2021	Metal	Zinc	Total	=	0.2	%	EPA 200.8	-88	-88	0	30	
2021/22-1	MO-FIL	matrix spike	11/12/2021	Metal	Zinc	Total	=	184	µg/L	EPA 200.8	0.8	10			
2021/22-1	MO-FIL	matrix spike, rec	11/12/2021	Metal	Zinc	Total	=	98	%	EPA 200.8	-88	-88	70	130	
2021/22-1	MO-FIL	matrix spike dup	11/12/2021	Metal	Zinc	Total	=	189	µg/L	EPA 200.8	0.8	10			
2021/22-1	MO-FIL	matrix spike dup, rec	11/12/2021	Metal	Zinc	Total	=	107	%	EPA 200.8	-88	-88	70	130	
2021/22-1	MO-FIL	matrix spike, RPD	11/12/2021	Metal	Zinc	Total	=	2	%	EPA 200.8	-88	-88	0	30	
2021/22-1	MO-MEI	matrix spike	11/11/2021	Metal	Zinc	Total	=	176	µg/L	EPA 200.8	0.8	10			
2021/22-1	MO-MEI	matrix spike, rec	11/11/2021	Metal	Zinc	Total	=	103	%	EPA 200.8	-88	-88	70	130	
2021/22-1	MO-MEI	matrix spike dup	11/11/2021	Metal	Zinc	Total	=	175	µg/L	EPA 200.8	0.8	10			
2021/22-1	MO-MEI	matrix spike dup, rec	11/11/2021	Metal	Zinc	Total	=	100	%	EPA 200.8	-88	-88	70	130	
2021/22-1	MO-MEI	matrix spike, RPD	11/11/2021	Metal	Zinc	Total	=	0.9	%	EPA 200.8	-88	-88	0	30	
2021/22-1	MO-OXN	matrix spike	11/12/2021	Metal	Zinc	Total	=	365	µg/L	EPA 200.8	0.8	10			
2021/22-1	MO-OXN	matrix spike, rec	11/12/2021	Metal	Zinc	Total	=	94	%	EPA 200.8	-88	-88	70	130	
2021/22-1	MO-OXN	matrix spike dup	11/12/2021	Metal	Zinc	Total	=	366	µg/L	EPA 200.8	0.8	10			
2021/22-1	MO-OXN	matrix spike dup, rec	11/12/2021	Metal	Zinc	Total	=	96	%	EPA 200.8	-88	-88	70	130	
2021/22-1	MO-OXN	matrix spike, RPD	11/12/2021	Metal	Zinc	Total	=	0.2	%	EPA 200.8	-88	-88	0	30	
2021/22-1	000NONPJ	matrix spike	10/27/2021	Nutrient	Ammonia as N	n/a	=	0.231	mg/L	EPA 350.1	0.047	0.1			
2021/22-1	000NONPJ	matrix spike, rec	10/27/2021	Nutrient	Ammonia as N	n/a	=	92	%	EPA 350.1	-88	-88	90	110	
2021/22-1	000NONPJ	matrix spike dup	10/27/2021	Nutrient	Ammonia as N	n/a	=	0.232	mg/L	EPA 350.1	0.047	0.1			
2021/22-1	000NONPJ	matrix spike dup, rec	10/27/2021	Nutrient	Ammonia as N	n/a	=	93	%	EPA 350.1	-88	-88	90	110	
2021/22-1	000NONPJ	matrix spike, RPD	10/27/2021	Nutrient	Ammonia as N	n/a	=	0.3	%	EPA 350.1	-88	-88	0	15	
2021/22-1	Lab	method blank	10/27/2021	Nutrient	Ammonia as N	n/a	<	0.047	mg/L	EPA 350.1	0.047	0.1			
2021/22-1	Lab	LCS	10/27/2021	Nutrient	Ammonia as N	n/a	=	0.238	mg/L	EPA 350.1	0.047	0.1			
2021/22-1	Lab	LCS, rec	10/27/2021	Nutrient	Ammonia as N	n/a	=	95	%	EPA 350.1	-88	-88	90	110	
2021/22-1	Lab	method blank	10/27/2021	Nutrient	Ammonia as N	n/a	<	0.047	mg/L	EPA 350.1	0.047	0.1			
2021/22-1	Lab	LCS	10/27/2021	Nutrient	Ammonia as N	n/a	=	0.231	mg/L	EPA 350.1	0.047	0.1			
2021/22-1	Lab	LCS, rec	10/27/2021	Nutrient	Ammonia as N	n/a	=	93	%	EPA 350.1	-88	-88	90	110	
2021/22-1	ME-CC	matrix spike	10/27/2021	Nutrient	Ammonia as N	n/a	=	0.536	mg/L	EPA 350.1	0.047	0.1			
2021/22-1	ME-CC	matrix spike, rec	10/27/2021	Nutrient	Ammonia as N	n/a	=	91	%	EPA 350.1	-88	-88	90	110	
2021/22-1	ME-CC	matrix spike dup	10/27/2021	Nutrient	Ammonia as N	n/a	=	0.534	mg/L	EPA 350.1	0.047	0.1			
2021/22-1	ME-CC	matrix spike dup, rec	10/27/2021	Nutrient	Ammonia as N	n/a	=	90	%	EPA 350.1	-88	-88	90	110	
2021/22-1	ME-CC	matrix spike, RPD	10/27/2021	Nutrient	Ammonia as N	n/a	=	0.4	%	EPA 350.1	-88	-88	0	15	
2021/22-1	000NONPJ	matrix spike dup	10/27/2021	Nutrient	Nitrate + Nitrite as N	n/a	=	6.21	mg/L	EPA 353.2	0.036	0.2			
2021/22-1	000NONPJ	matrix spike dup, rec	10/27/2021	Nutrient	Nitrate + Nitrite as N	n/a	=	108	%	EPA 353.2	-88	-88	90	110	
2021/22-1	000NONPJ	matrix spike, RPD	10/27/2021	Nutrient	Nitrate + Nitrite as N	n/a	=	0.3	%	EPA 353.2	-88	-88	0	20	
2021/22-1	000NONPJ	matrix spike	10/27/2021	Nutrient	Nitrate + Nitrite as N	n/a	=	6.19	mg/L	EPA 353.2	0.036	0.2			
2021/22-1	000NONPJ	matrix spike, rec	10/27/2021	Nutrient	Nitrate + Nitrite as N	n/a	=	106	%	EPA 353.2	-88	-88	90	110	
2021/22-1	000NONPJ	matrix spike	10/27/2021	Nutrient	Nitrate + Nitrite as N	n/a	=	5.07	mg/L	EPA 353.2	0.036	0.2			
2021/22-1	000NONPJ	matrix spike, rec	10/27/2021	Nutrient	Nitrate + Nitrite as N	n/a	=	102	%	EPA 353.2	-88	-88	90	110	
2021/22-1	000NONPJ	matrix spike dup	10/27/2021	Nutrient	Nitrate + Nitrite as N	n/a	=	5.07	mg/L	EPA 353.2	0.036	0.2			
2021/22-1	000NONPJ	matrix spike dup, rec	10/27/2021	Nutrient	Nitrate + Nitrite as N	n/a	=	102	%	EPA 353.2	-88	-88	90	110	
2021/22-1	000NONPJ	matrix spike, RPD	10/27/2021	Nutrient	Nitrate + Nitrite as N	n/a	=	0	%	EPA 353.2	-88	-88	0	20	
2021/22-1	000NONPJ	matrix spike	10/28/2021	Nutrient	Nitrate + Nitrite as N	n/a	=	3.36	mg/L	EPA 353.2	0.036	0.2			
2021/22-1	000NONPJ	matrix spike, rec	10/28/2021	Nutrient	Nitrate + Nitrite as N	n/a	=	99	%	EPA 353.2	-88	-88	90	110	
2021/22-1	000NONPJ	matrix spike dup	10/28/2021	Nutrient	Nitrate + Nitrite as N	n/a	=	3.33	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	
2021/22-1	000NONPJ	matrix spike dup, rec	10/28/2021	Nutrient	Nitrate + Nitrite as N	n/a	=	98	%	EPA 353.2	-88	-88	90	110	
2021/22-1	000NONPJ	matrix spike, RPD	10/28/2021	Nutrient	Nitrate + Nitrite as N	n/a	=	0.9	%	EPA 353.2	-88	-88	0	20	
2021/22-1	000NONPJ	matrix spike	10/28/2021	Nutrient	Nitrate + Nitrite as N	n/a	=	3.37	mg/L	EPA 353.2	0.036	0.2			
2021/22-1	000NONPJ	matrix spike, rec	10/28/2021	Nutrient	Nitrate + Nitrite as N	n/a	=	100	%	EPA 353.2	-88	-88	90	110	
2021/22-1	000NONPJ	matrix spike dup	10/28/2021	Nutrient	Nitrate + Nitrite as N	n/a	=	3.38	mg/L	EPA 353.2	0.036	0.2			
2021/22-1	000NONPJ	matrix spike dup, rec	10/28/2021	Nutrient	Nitrate + Nitrite as N	n/a	=	100	%	EPA 353.2	-88	-88	90	110	
2021/22-1	000NONPJ	matrix spike, RPD	10/28/2021	Nutrient	Nitrate + Nitrite as N	n/a	=	0.3	%	EPA 353.2	-88	-88	0	20	
2021/22-1	000NONPJ	matrix spike	10/28/2021	Nutrient	Nitrate + Nitrite as N	n/a	=	1.96	mg/L	EPA 353.2	0.036	0.2			
2021/22-1	000NONPJ	matrix spike, rec	10/28/2021	Nutrient	Nitrate + Nitrite as N	n/a	=	98	%	EPA 353.2	-88	-88	90	110	
2021/22-1	000NONPJ	matrix spike dup	10/28/2021	Nutrient	Nitrate + Nitrite as N	n/a	=	1.95	mg/L	EPA 353.2	0.036	0.2			
2021/22-1	000NONPJ	matrix spike dup, rec	10/28/2021	Nutrient	Nitrate + Nitrite as N	n/a	=	98	%	EPA 353.2	-88	-88	90	110	
2021/22-1	000NONPJ	matrix spike, RPD	10/28/2021	Nutrient	Nitrate + Nitrite as N	n/a	=	0.5	%	EPA 353.2	-88	-88	0	20	
2021/22-1	Lab	method blank	10/27/2021	Nutrient	Nitrate + Nitrite as N	n/a	<	0.036	mg/L	EPA 353.2	0.036	0.2			
2021/22-1	Lab	LCS	10/27/2021	Nutrient	Nitrate + Nitrite as N	n/a	=	1	mg/L	EPA 353.2	0.036	0.2			
2021/22-1	Lab	LCS, rec	10/27/2021	Nutrient	Nitrate + Nitrite as N	n/a	=	100	%	EPA 353.2	-88	-88	90	110	
2021/22-1	Lab	method blank	10/28/2021	Nutrient	Nitrate + Nitrite as N	n/a	<	0.036	mg/L	EPA 353.2	0.036	0.2			
2021/22-1	Lab	LCS	10/28/2021	Nutrient	Nitrate + Nitrite as N	n/a	=	0.969	mg/L	EPA 353.2	0.036	0.2			
2021/22-1	Lab	LCS, rec	10/28/2021	Nutrient	Nitrate + Nitrite as N	n/a	=	97	%	EPA 353.2	-88	-88	90	110	
2021/22-1	Lab	method blank	10/28/2021	Nutrient	Nitrate + Nitrite as N	n/a	<	0.036	mg/L	EPA 353.2	0.036	0.2			
2021/22-1	Lab	LCS	10/28/2021	Nutrient	Nitrate + Nitrite as N	n/a	=	0.971	mg/L	EPA 353.2	0.036	0.2			
2021/22-1	Lab	LCS, rec	10/28/2021	Nutrient	Nitrate + Nitrite as N	n/a	=	97	%	EPA 353.2	-88	-88	90	110	
2021/22-1	MO-HUE	matrix spike	10/28/2021	Nutrient	Nitrate + Nitrite as N	n/a	=	2.25	mg/L	EPA 353.2	0.036	0.2			
2021/22-1	MO-HUE	matrix spike, rec	10/28/2021	Nutrient	Nitrate + Nitrite as N	n/a	=	98	%	EPA 353.2	-88	-88	90	110	
2021/22-1	MO-HUE	matrix spike dup	10/28/2021	Nutrient	Nitrate + Nitrite as N	n/a	=	2.26	mg/L	EPA 353.2	0.036	0.2			
2021/22-1	MO-HUE	matrix spike dup, rec	10/28/2021	Nutrient	Nitrate + Nitrite as N	n/a	=	98	%	EPA 353.2	-88	-88	90	110	
2021/22-1	MO-HUE	matrix spike, RPD	10/28/2021	Nutrient	Nitrate + Nitrite as N	n/a	=	0.4	%	EPA 353.2	-88	-88	0	20	
2021/22-1	000NONPJ	matrix spike dup	10/27/2021	Nutrient	Nitrate as N	n/a	=	6.21	mg/L	EPA 353.2	0.04	0.2			
2021/22-1	000NONPJ	matrix spike dup, rec	10/27/2021	Nutrient	Nitrate as N	n/a	=	108	%	EPA 353.2	-88	-88	90	110	
2021/22-1	000NONPJ	matrix spike, RPD	10/27/2021	Nutrient	Nitrate as N	n/a	=	0.3	%	EPA 353.2	-88	-88	0	20	
2021/22-1	000NONPJ	matrix spike	10/27/2021	Nutrient	Nitrate as N	n/a	=	6.19	mg/L	EPA 353.2	0.04	0.2			
2021/22-1	000NONPJ	matrix spike, rec	10/27/2021	Nutrient	Nitrate as N	n/a	=	106	%	EPA 353.2	-88	-88	90	110	
2021/22-1	000NONPJ	matrix spike	10/27/2021	Nutrient	Nitrate as N	n/a	=	5.07	mg/L	EPA 353.2	0.04	0.2			
2021/22-1	000NONPJ	matrix spike, rec	10/27/2021	Nutrient	Nitrate as N	n/a	=	102	%	EPA 353.2	-88	-88	90	110	
2021/22-1	000NONPJ	matrix spike dup	10/27/2021	Nutrient	Nitrate as N	n/a	=	5.07	mg/L	EPA 353.2	0.04	0.2			
2021/22-1	000NONPJ	matrix spike dup, rec	10/27/2021	Nutrient	Nitrate as N	n/a	=	102	%	EPA 353.2	-88	-88	90	110	
2021/22-1	000NONPJ	matrix spike, RPD	10/27/2021	Nutrient	Nitrate as N	n/a	=	0	%	EPA 353.2	-88	-88	0	20	
2021/22-1	Lab	method blank	10/27/2021	Nutrient	Nitrate as N	n/a	<	0.04	mg/L	EPA 353.2	0.04	0.2			
2021/22-1	Lab	LCS	10/27/2021	Nutrient	Nitrate as N	n/a	=	1	mg/L	EPA 353.2	0.04	0.2			
2021/22-1	Lab	LCS, rec	10/27/2021	Nutrient	Nitrate as N	n/a	=	100	%	EPA 353.2	-88	-88	90	110	
2021/22-1	Lab	method blank	11/17/2021	Nutrient	Phosphorus as P	Dissolved	<	0.018	mg/L	EPA 200.7	0.018	0.05			
2021/22-1	Lab	LCS	11/17/2021	Nutrient	Phosphorus as P	Dissolved	=	2.06	mg/L	EPA 200.7	0.018	0.05			
2021/22-1	Lab	LCS, rec	11/17/2021	Nutrient	Phosphorus as P	Dissolved	=	103	%	EPA 200.7	-88	-88	85	115	
2021/22-1	Lab	method blank	11/17/2021	Nutrient	Phosphorus as P	Dissolved	<	0.018	mg/L	EPA 200.7	0.018	0.05			
2021/22-1	Lab	LCS	11/17/2021	Nutrient	Phosphorus as P	Dissolved	=	2.04	mg/L	EPA 200.7	0.018	0.05			
2021/22-1	Lab	LCS, rec	11/17/2021	Nutrient	Phosphorus as P	Dissolved	=	102	%	EPA 200.7	-88	-88	85	115	
2021/22-1	ME-CC	matrix spike	11/17/2021	Nutrient	Phosphorus as P	Dissolved	=	4.95	mg/L	EPA 200.7	0.018	0.05			
2021/22-1	ME-CC	matrix spike, rec	11/17/2021	Nutrient	Phosphorus as P	Dissolved	=	129	%	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	
2021/22-1	ME-CC	matrix spike dup	11/17/2021	Nutrient	Phosphorus as P	Dissolved	=	4.83	mg/L	EPA 200.7	0.018	0.05			
2021/22-1	ME-CC	matrix spike dup, rec	11/17/2021	Nutrient	Phosphorus as P	Dissolved	=	124	%	EPA 200.7	-88	-88	70	130	
2021/22-1	ME-CC	matrix spike, RPD	11/17/2021	Nutrient	Phosphorus as P	Dissolved	=	2	%	EPA 200.7	-88	-88	0	30	
2021/22-1	MO-SPA	matrix spike	11/17/2021	Nutrient	Phosphorus as P	Dissolved	=	2.93	mg/L	EPA 200.7	0.018	0.05			
2021/22-1	MO-SPA	matrix spike, rec	11/17/2021	Nutrient	Phosphorus as P	Dissolved	=	124	%	EPA 200.7	-88	-88	70	130	
2021/22-1	MO-SPA	matrix spike dup	11/17/2021	Nutrient	Phosphorus as P	Dissolved	=	2.88	mg/L	EPA 200.7	0.018	0.05			
2021/22-1	MO-SPA	matrix spike dup, rec	11/17/2021	Nutrient	Phosphorus as P	Dissolved	=	121	%	EPA 200.7	-88	-88	70	130	
2021/22-1	MO-SPA	matrix spike, RPD	11/17/2021	Nutrient	Phosphorus as P	Dissolved	=	2	%	EPA 200.7	-88	-88	0	30	
2021/22-1	Lab	method blank	11/17/2021	Nutrient	Phosphorus as P	Total	<	0.018	mg/L	EPA 200.7	0.018	0.05			
2021/22-1	Lab	LCS	11/17/2021	Nutrient	Phosphorus as P	Total	=	2.06	mg/L	EPA 200.7	0.018	0.05			
2021/22-1	Lab	LCS, rec	11/17/2021	Nutrient	Phosphorus as P	Total	=	103	%	EPA 200.7	-88	-88	85	115	
2021/22-1	Lab	method blank	11/17/2021	Nutrient	Phosphorus as P	Total	<	0.018	mg/L	EPA 200.7	0.018	0.05			
2021/22-1	Lab	LCS	11/17/2021	Nutrient	Phosphorus as P	Total	=	2.04	mg/L	EPA 200.7	0.018	0.05			
2021/22-1	Lab	LCS, rec	11/17/2021	Nutrient	Phosphorus as P	Total	=	102	%	EPA 200.7	-88	-88	85	115	
2021/22-1	ME-CC	matrix spike	11/17/2021	Nutrient	Phosphorus as P	Total	=	4.95	mg/L	EPA 200.7	0.018	0.05			
2021/22-1	ME-CC	matrix spike, rec	11/17/2021	Nutrient	Phosphorus as P	Total	=	107	%	EPA 200.7	-88	-88	70	130	
2021/22-1	ME-CC	matrix spike dup	11/17/2021	Nutrient	Phosphorus as P	Total	=	4.83	mg/L	EPA 200.7	0.018	0.05			
2021/22-1	ME-CC	matrix spike dup, rec	11/17/2021	Nutrient	Phosphorus as P	Total	=	101	%	EPA 200.7	-88	-88	70	130	
2021/22-1	ME-CC	matrix spike, RPD	11/17/2021	Nutrient	Phosphorus as P	Total	=	2	%	EPA 200.7	-88	-88	0	30	
2021/22-1	MO-HUE	matrix spike	11/17/2021	Nutrient	Phosphorus as P	Total	=	2.86	mg/L	EPA 200.7	0.018	0.05			
2021/22-1	MO-HUE	matrix spike, rec	11/17/2021	Nutrient	Phosphorus as P	Total	=	105	%	EPA 200.7	-88	-88	70	130	
2021/22-1	MO-HUE	matrix spike dup	11/17/2021	Nutrient	Phosphorus as P	Total	=	2.81	mg/L	EPA 200.7	0.018	0.05			
2021/22-1	MO-HUE	matrix spike dup, rec	11/17/2021	Nutrient	Phosphorus as P	Total	=	103	%	EPA 200.7	-88	-88	70	130	
2021/22-1	MO-HUE	matrix spike, RPD	11/17/2021	Nutrient	Phosphorus as P	Total	=	2	%	EPA 200.7	-88	-88	0	30	
2021/22-1	MO-SPA	matrix spike	11/17/2021	Nutrient	Phosphorus as P	Total	=	2.93	mg/L	EPA 200.7	0.018	0.05			
2021/22-1	MO-SPA	matrix spike, rec	11/17/2021	Nutrient	Phosphorus as P	Total	=	102	%	EPA 200.7	-88	-88	70	130	
2021/22-1	MO-SPA	matrix spike dup	11/17/2021	Nutrient	Phosphorus as P	Total	=	2.88	mg/L	EPA 200.7	0.018	0.05			
2021/22-1	MO-SPA	matrix spike dup, rec	11/17/2021	Nutrient	Phosphorus as P	Total	=	100	%	EPA 200.7	-88	-88	70	130	
2021/22-1	MO-SPA	matrix spike, RPD	11/17/2021	Nutrient	Phosphorus as P	Total	=	2	%	EPA 200.7	-88	-88	0	30	
2021/22-1	MO-VEN	matrix spike	11/17/2021	Nutrient	Phosphorus as P	Total	=	3.35	mg/L	EPA 200.7	0.018	0.05			
2021/22-1	MO-VEN	matrix spike, rec	11/17/2021	Nutrient	Phosphorus as P	Total	=	102	%	EPA 200.7	-88	-88	70	130	
2021/22-1	MO-VEN	matrix spike dup	11/17/2021	Nutrient	Phosphorus as P	Total	=	3.36	mg/L	EPA 200.7	0.018	0.05			
2021/22-1	MO-VEN	matrix spike dup, rec	11/17/2021	Nutrient	Phosphorus as P	Total	=	102	%	EPA 200.7	-88	-88	70	130	
2021/22-1	MO-VEN	matrix spike, RPD	11/17/2021	Nutrient	Phosphorus as P	Total	=	0.4	%	EPA 200.7	-88	-88	0	30	
2021/22-1	000NONPJ	matrix spike	11/9/2021	Nutrient	TKN	n/a	=	1.28	mg/L	EPA 351.2	0.065	0.1			
2021/22-1	000NONPJ	matrix spike, rec	11/9/2021	Nutrient	TKN	n/a	=	101	%	EPA 351.2	-88	-88	90	110	
2021/22-1	000NONPJ	matrix spike dup	11/9/2021	Nutrient	TKN	n/a	=	1.29	mg/L	EPA 351.2	0.065	0.1			
2021/22-1	000NONPJ	matrix spike dup, rec	11/9/2021	Nutrient	TKN	n/a	=	102	%	EPA 351.2	-88	-88	90	110	
2021/22-1	000NONPJ	matrix spike, RPD	11/9/2021	Nutrient	TKN	n/a	=	0.5	%	EPA 351.2	-88	-88	0	10	
2021/22-1	000NONPJ	matrix spike	11/9/2021	Nutrient	TKN	n/a	=	1.24	mg/L	EPA 351.2	0.065	0.1			
2021/22-1	000NONPJ	matrix spike, rec	11/9/2021	Nutrient	TKN	n/a	=	97	%	EPA 351.2	-88	-88	90	110	
2021/22-1	000NONPJ	matrix spike dup	11/9/2021	Nutrient	TKN	n/a	=	1.26	mg/L	EPA 351.2	0.065	0.1			
2021/22-1	000NONPJ	matrix spike dup, rec	11/9/2021	Nutrient	TKN	n/a	=	99	%	EPA 351.2	-88	-88	90	110	
2021/22-1	000NONPJ	matrix spike, RPD	11/9/2021	Nutrient	TKN	n/a	=	1	%	EPA 351.2	-88	-88	0	10	
2021/22-1	Lab	method blank	11/9/2021	Nutrient	TKN	n/a	<	0.065	mg/L	EPA 351.2	0.065	0.1			
2021/22-1	Lab	LCS	11/9/2021	Nutrient	TKN	n/a	=	0.974	mg/L	EPA 351.2	0.065	0.1			
2021/22-1	Lab	LCS, rec	11/9/2021	Nutrient	TKN	n/a	=	97	%	EPA 351.2	-88	-88	90	110	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2021/22-1	Lab	method blank	11/9/2021	Nutrient	TKN	n/a	<	0.065	mg/L	EPA 351.2	0.065	0.1			
2021/22-1	Lab	LCS	11/9/2021	Nutrient	TKN	n/a	=	0.983	mg/L	EPA 351.2	0.065	0.1			
2021/22-1	Lab	LCS, rec	11/9/2021	Nutrient	TKN	n/a	=	98	%	EPA 351.2	-88	-88	90	110	
2021/22-1	Lab	LCS	11/22/2021	Organic	1,2,4-Trichlorobenzene	n/a	=	16.9	µg/L	EPA 625.1	0.49	1			
2021/22-1	Lab	LCS, rec	11/22/2021	Organic	1,2,4-Trichlorobenzene	n/a	=	84	%	EPA 625.1	-88	-88	57	130	
2021/22-1	Lab	LCS dup	11/22/2021	Organic	1,2,4-Trichlorobenzene	n/a	=	14.7	µg/L	EPA 625.1	0.49	1			
2021/22-1	Lab	LCS dup, rec	11/22/2021	Organic	1,2,4-Trichlorobenzene	n/a	=	73	%	EPA 625.1	-88	-88	57	130	
2021/22-1	Lab	LCS, RPD	11/22/2021	Organic	1,2,4-Trichlorobenzene	n/a	=	14	%	EPA 625.1	-88	-88	0	30	
2021/22-1	Lab	method blank	11/22/2021	Organic	1,2,4-Trichlorobenzene	n/a	<	0.49	µg/L	EPA 625.1	0.49	1			
2021/22-1	Lab	LCS	11/22/2021	Organic	1,2-Dichlorobenzene	n/a	=	16.4	µg/L	EPA 625.1	0.46	1			
2021/22-1	Lab	LCS, rec	11/22/2021	Organic	1,2-Dichlorobenzene	n/a	=	82	%	EPA 625.1	-88	-88	57	120	
2021/22-1	Lab	LCS dup	11/22/2021	Organic	1,2-Dichlorobenzene	n/a	=	13.8	µg/L	EPA 625.1	0.46	1			
2021/22-1	Lab	LCS dup, rec	11/22/2021	Organic	1,2-Dichlorobenzene	n/a	=	69	%	EPA 625.1	-88	-88	57	120	
2021/22-1	Lab	LCS, RPD	11/22/2021	Organic	1,2-Dichlorobenzene	n/a	=	17	%	EPA 625.1	-88	-88	0	30	
2021/22-1	Lab	method blank	11/22/2021	Organic	1,2-Dichlorobenzene	n/a	<	0.46	µg/L	EPA 625.1	0.46	1			
2021/22-1	Lab	srgt LCS	10/27/2021	Organic	1,2-Dichloroethane-d4	n/a	=	50.7	µg/L	EPA 624.1	-88	-88			
2021/22-1	Lab	srgt LCS, rec	10/27/2021	Organic	1,2-Dichloroethane-d4	n/a	=	101	%	EPA 624.1	-88	-88	82	125	
2021/22-1	Lab	srgt LCS dup	10/27/2021	Organic	1,2-Dichloroethane-d4	n/a	=	51	µg/L	EPA 624.1	-88	-88			
2021/22-1	Lab	srgt LCS dup, rec	10/27/2021	Organic	1,2-Dichloroethane-d4	n/a	=	102	%	EPA 624.1	-88	-88	82	125	
2021/22-1	Lab	srgt method blank	10/27/2021	Organic	1,2-Dichloroethane-d4	n/a	=	53.1	µg/L	EPA 624.1	-88	-88			
2021/22-1	Lab	srgt method blank, rec	10/27/2021	Organic	1,2-Dichloroethane-d4	n/a	=	106	%	EPA 624.1	-88	-88	82	125	
2021/22-1	Lab	srgt LCS	10/28/2021	Organic	1,2-Dichloroethane-d4	n/a	=	51	µg/L	EPA 624.1	-88	-88			
2021/22-1	Lab	srgt LCS, rec	10/28/2021	Organic	1,2-Dichloroethane-d4	n/a	=	102	%	EPA 624.1	-88	-88	82	125	
2021/22-1	Lab	srgt LCS dup	10/28/2021	Organic	1,2-Dichloroethane-d4	n/a	=	51	µg/L	EPA 624.1	-88	-88			
2021/22-1	Lab	srgt LCS dup, rec	10/28/2021	Organic	1,2-Dichloroethane-d4	n/a	=	102	%	EPA 624.1	-88	-88	82	125	
2021/22-1	Lab	srgt method blank	10/28/2021	Organic	1,2-Dichloroethane-d4	n/a	=	52.3	µg/L	EPA 624.1	-88	-88			
2021/22-1	Lab	srgt method blank, rec	10/28/2021	Organic	1,2-Dichloroethane-d4	n/a	=	105	%	EPA 624.1	-88	-88	82	125	
2021/22-1	Lab	srgt LCS	10/29/2021	Organic	1,2-Dichloroethane-d4	n/a	=	50	µg/L	EPA 624.1	-88	-88			
2021/22-1	Lab	srgt LCS, rec	10/29/2021	Organic	1,2-Dichloroethane-d4	n/a	=	100	%	EPA 624.1	-88	-88	82	125	
2021/22-1	Lab	srgt LCS dup	10/29/2021	Organic	1,2-Dichloroethane-d4	n/a	=	50.7	µg/L	EPA 624.1	-88	-88			
2021/22-1	Lab	srgt LCS dup, rec	10/29/2021	Organic	1,2-Dichloroethane-d4	n/a	=	101	%	EPA 624.1	-88	-88	82	125	
2021/22-1	Lab	srgt method blank	10/29/2021	Organic	1,2-Dichloroethane-d4	n/a	=	54	µg/L	EPA 624.1	-88	-88			
2021/22-1	Lab	srgt method blank, rec	10/29/2021	Organic	1,2-Dichloroethane-d4	n/a	=	108	%	EPA 624.1	-88	-88	82	125	
2021/22-1	ME-CC	srgt environ	10/27/2021	Organic	1,2-Dichloroethane-d4	n/a	=	54.5	µg/L	EPA 624.1	-88	-88			
2021/22-1	ME-CC	srgt environ, rec	10/27/2021	Organic	1,2-Dichloroethane-d4	n/a	=	109	%	EPA 624.1	-88	-88	82	125	
2021/22-1	ME-SCR	srgt environ	10/28/2021	Organic	1,2-Dichloroethane-d4	n/a	=	54.7	µg/L	EPA 624.1	-88	-88			
2021/22-1	ME-SCR	srgt environ, rec	10/28/2021	Organic	1,2-Dichloroethane-d4	n/a	=	109	%	EPA 624.1	-88	-88	82	125	
2021/22-1	ME-VR2	srgt environ	10/29/2021	Organic	1,2-Dichloroethane-d4	n/a	=	52.9	µg/L	EPA 624.1	-88	-88			
2021/22-1	ME-VR2	srgt environ, rec	10/29/2021	Organic	1,2-Dichloroethane-d4	n/a	=	106	%	EPA 624.1	-88	-88	82	125	
2021/22-1	MO-CAM	srgt environ	10/27/2021	Organic	1,2-Dichloroethane-d4	n/a	=	54.2	µg/L	EPA 624.1	-88	-88			
2021/22-1	MO-CAM	srgt environ, rec	10/27/2021	Organic	1,2-Dichloroethane-d4	n/a	=	108	%	EPA 624.1	-88	-88	82	125	
2021/22-1	MO-FIL	srgt environ	10/29/2021	Organic	1,2-Dichloroethane-d4	n/a	=	53.8	µg/L	EPA 624.1	-88	-88			
2021/22-1	MO-FIL	srgt environ, rec	10/29/2021	Organic	1,2-Dichloroethane-d4	n/a	=	108	%	EPA 624.1	-88	-88	82	125	
2021/22-1	MO-HUE	srgt environ	10/28/2021	Organic	1,2-Dichloroethane-d4	n/a	=	53.2	µg/L	EPA 624.1	-88	-88			
2021/22-1	MO-HUE	srgt environ, rec	10/28/2021	Organic	1,2-Dichloroethane-d4	n/a	=	106	%	EPA 624.1	-88	-88	82	125	
2021/22-1	MO-MEI	srgt environ	10/29/2021	Organic	1,2-Dichloroethane-d4	n/a	=	53.8	µg/L	EPA 624.1	-88	-88			
2021/22-1	MO-MEI	srgt environ, rec	10/29/2021	Organic	1,2-Dichloroethane-d4	n/a	=	108	%	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	
2021/22-1	MO-MPK	srgt environ	10/28/2021	Organic	1,2-Dichloroethane-d4	n/a	=	54.6	µg/L	EPA 624.1	-88	-88			
2021/22-1	MO-MPK	srgt environ, rec	10/28/2021	Organic	1,2-Dichloroethane-d4	n/a	=	109	%	EPA 624.1	-88	-88	82	125	
2021/22-1	MO-OJA	srgt field blank	10/28/2021	Organic	1,2-Dichloroethane-d4	n/a	=	54.1	µg/L	EPA 624.1	-88	-88			
2021/22-1	MO-OJA	srgt field blank, rec	10/28/2021	Organic	1,2-Dichloroethane-d4	n/a	=	108	%	EPA 624.1	-88	-88	82	125	
2021/22-1	MO-OJA	srgt environ	10/29/2021	Organic	1,2-Dichloroethane-d4	n/a	=	54.1	µg/L	EPA 624.1	-88	-88			
2021/22-1	MO-OJA	srgt environ, rec	10/29/2021	Organic	1,2-Dichloroethane-d4	n/a	=	108	%	EPA 624.1	-88	-88	82	125	
2021/22-1	MO-oxn	srgt environ	10/29/2021	Organic	1,2-Dichloroethane-d4	n/a	=	52.6	µg/L	EPA 624.1	-88	-88			
2021/22-1	MO-oxn	srgt environ, rec	10/29/2021	Organic	1,2-Dichloroethane-d4	n/a	=	105	%	EPA 624.1	-88	-88	82	125	
2021/22-1	MO-SIM	srgt environ	10/27/2021	Organic	1,2-Dichloroethane-d4	n/a	=	54.4	µg/L	EPA 624.1	-88	-88			
2021/22-1	MO-SIM	srgt environ, rec	10/27/2021	Organic	1,2-Dichloroethane-d4	n/a	=	109	%	EPA 624.1	-88	-88	82	125	
2021/22-1	MO-SPA	srgt environ	10/29/2021	Organic	1,2-Dichloroethane-d4	n/a	=	52.9	µg/L	EPA 624.1	-88	-88			
2021/22-1	MO-SPA	srgt environ, rec	10/29/2021	Organic	1,2-Dichloroethane-d4	n/a	=	106	%	EPA 624.1	-88	-88	82	125	
2021/22-1	MO-SPA	srgt environ	10/29/2021	Organic	1,2-Dichloroethane-d4	n/a	=	55	µg/L	EPA 624.1	-88	-88			
2021/22-1	MO-SPA	srgt environ, rec	10/29/2021	Organic	1,2-Dichloroethane-d4	n/a	=	110	%	EPA 624.1	-88	-88	82	125	
2021/22-1	MO-THO	srgt environ	10/28/2021	Organic	1,2-Dichloroethane-d4	n/a	=	54.2	µg/L	EPA 624.1	-88	-88			
2021/22-1	MO-THO	srgt environ, rec	10/28/2021	Organic	1,2-Dichloroethane-d4	n/a	=	108	%	EPA 624.1	-88	-88	82	125	
2021/22-1	MO-ven	srgt environ	10/29/2021	Organic	1,2-Dichloroethane-d4	n/a	=	52.4	µg/L	EPA 624.1	-88	-88			
2021/22-1	MO-ven	srgt environ, rec	10/29/2021	Organic	1,2-Dichloroethane-d4	n/a	=	105	%	EPA 624.1	-88	-88	82	125	
2021/22-1	Lab	method blank	11/22/2021	Organic	1,2-Diphenylhydrazine	n/a	<	0.3	µg/L	EPA 625.1	0.3	1			
2021/22-1	Lab	LCS	11/22/2021	Organic	1,3-Dichlorobenzene	n/a	=	16	µg/L	EPA 625.1	0.42	1			
2021/22-1	Lab	LCS, rec	11/22/2021	Organic	1,3-Dichlorobenzene	n/a	=	80	%	EPA 625.1	-88	-88	55	120	
2021/22-1	Lab	LCS dup	11/22/2021	Organic	1,3-Dichlorobenzene	n/a	=	13.5	µg/L	EPA 625.1	0.42	1			
2021/22-1	Lab	LCS dup, rec	11/22/2021	Organic	1,3-Dichlorobenzene	n/a	=	67	%	EPA 625.1	-88	-88	55	120	
2021/22-1	Lab	LCS, RPD	11/22/2021	Organic	1,3-Dichlorobenzene	n/a	=	17	%	EPA 625.1	-88	-88	0	30	
2021/22-1	Lab	method blank	11/22/2021	Organic	1,3-Dichlorobenzene	n/a	<	0.42	µg/L	EPA 625.1	0.42	1			
2021/22-1	Lab	srgt LCS	11/5/2021	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.384	µg/L	EPA 625.1m	-88	-88			
2021/22-1	Lab	srgt LCS, rec	11/5/2021	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	77	%	EPA 625.1m	-88	-88	50	148	
2021/22-1	Lab	srgt method blank	11/5/2021	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.403	µg/L	EPA 625.1m	-88	-88			
2021/22-1	Lab	srgt method blank, rec	11/5/2021	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	81	%	EPA 625.1m	-88	-88	50	148	
2021/22-1	Lab	srgt method blank	11/9/2021	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	5.22	µg/L	EPA 525.2	-88	-88			
2021/22-1	Lab	srgt method blank, rec	11/9/2021	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	104	%	EPA 525.2	-88	-88	70	130	
2021/22-1	Lab	srgt LCS dup	11/9/2021	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	5.27	µg/L	EPA 525.2	-88	-88			
2021/22-1	Lab	srgt LCS dup, rec	11/9/2021	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	105	%	EPA 525.2	-88	-88	70	130	
2021/22-1	Lab	srgt LCS	11/9/2021	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	5.25	µg/L	EPA 525.2	-88	-88			
2021/22-1	Lab	srgt LCS, rec	11/9/2021	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	105	%	EPA 525.2	-88	-88	70	130	
2021/22-1	Lab	srgt LCS	11/12/2021	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.318	µg/L	EPA 625.1m	-88	-88			
2021/22-1	Lab	srgt LCS, rec	11/12/2021	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	64	%	EPA 625.1m	-88	-88	23	148	
2021/22-1	Lab	srgt method blank	11/12/2021	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.332	µg/L	EPA 625.1m	-88	-88			
2021/22-1	Lab	srgt method blank, rec	11/12/2021	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	66	%	EPA 625.1m	-88	-88	23	148	
2021/22-1	Lab	srgt method blank	11/15/2021	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	5.44	µg/L	EPA 525.2	-88	-88			
2021/22-1	Lab	srgt method blank, rec	11/15/2021	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	109	%	EPA 525.2	-88	-88	70	130	
2021/22-1	Lab	srgt LCS	11/15/2021	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	5.24	µg/L	EPA 525.2	-88	-88			
2021/22-1	Lab	srgt LCS, rec	11/15/2021	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	105	%	EPA 525.2	-88	-88	70	130	
2021/22-1	Lab	srgt LCS dup	11/15/2021	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	5.27	µg/L	EPA 525.2	-88	-88			
2021/22-1	Lab	srgt LCS dup, rec	11/15/2021	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	105	%	EPA 525.2	-88	-88	70	130	
2021/22-1	Lab	srgt method blank	11/18/2021	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	5.22	µg/L	EPA 525.2	-88	-88			
2021/22-1	Lab	srgt method blank, rec	11/18/2021	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	
2021/22-1	Lab	srgt LCS dup	11/18/2021	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	5.23	µg/L	EPA 525.2	-88	-88			
2021/22-1	Lab	srgt LCS dup, rec	11/18/2021	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	105	%	EPA 525.2	-88	-88	70	130	
2021/22-1	Lab	srgt LCS	11/18/2021	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	5.05	µg/L	EPA 525.2	-88	-88			
2021/22-1	Lab	srgt LCS, rec	11/18/2021	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	101	%	EPA 525.2	-88	-88	70	130	
2021/22-1	ME-CC	srgt matrix spike	11/5/2021	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	2.21	µg/L	EPA 625.1m	-88	-88			
2021/22-1	ME-CC	srgt matrix spike, rec	11/5/2021	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	88	%	EPA 625.1m	-88	-88	50	148	
2021/22-1	ME-CC	srgt matrix spike dup	11/5/2021	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	2.45	µg/L	EPA 625.1m	-88	-88			
2021/22-1	ME-CC	srgt matrix spike dup, rec	11/5/2021	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	98	%	EPA 625.1m	-88	-88	50	148	
2021/22-1	ME-CC	srgt environ	11/5/2021	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	2.64	µg/L	EPA 625.1m	-88	-88			
2021/22-1	ME-CC	srgt environ, rec	11/5/2021	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	105	%	EPA 625.1m	-88	-88	23	148	
2021/22-1	ME-CC	srgt environ	11/9/2021	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	5.07	µg/L	EPA 525.2	-88	-88			
2021/22-1	ME-CC	srgt environ, rec	11/9/2021	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	108	%	EPA 525.2	-88	-88	70	130	
2021/22-1	ME-SCR	srgt environ	11/5/2021	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	2.91	µg/L	EPA 625.1m	-88	-88			
2021/22-1	ME-SCR	srgt environ, rec	11/5/2021	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	116	%	EPA 625.1m	-88	-88	23	148	
2021/22-1	ME-SCR	srgt environ	11/9/2021	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	5.3	µg/L	EPA 525.2	-88	-88			
2021/22-1	ME-SCR	srgt environ, rec	11/9/2021	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	111	%	EPA 525.2	-88	-88	70	130	
2021/22-1	ME-VR2	srgt environ	11/5/2021	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.367	µg/L	EPA 625.1m	-88	-88			
2021/22-1	ME-VR2	srgt environ, rec	11/5/2021	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	73	%	EPA 625.1m	-88	-88	23	148	
2021/22-1	ME-VR2	srgt environ	11/16/2021	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	4.2	µg/L	EPA 525.2	-88	-88			
2021/22-1	ME-VR2	srgt environ, rec	11/16/2021	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	89	%	EPA 525.2	-88	-88	70	130	
2021/22-1	MO-CAM	srgt environ	11/5/2021	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	2.37	µg/L	EPA 625.1m	-88	-88			
2021/22-1	MO-CAM	srgt environ, rec	11/5/2021	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	95	%	EPA 625.1m	-88	-88	23	148	
2021/22-1	MO-CAM	srgt environ	11/10/2021	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	5.38	µg/L	EPA 525.2	-88	-88			
2021/22-1	MO-CAM	srgt environ, rec	11/10/2021	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	113	%	EPA 525.2	-88	-88	70	130	
2021/22-1	MO-FIL	srgt environ	11/9/2021	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	27.2	µg/L	EPA 525.2	-88	-88			
2021/22-1	MO-FIL	srgt environ, rec	11/9/2021	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	109	%	EPA 525.2	-88	-88	70	130	
2021/22-1	MO-FIL	srgt environ	11/12/2021	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	1.13	µg/L	EPA 625.1m	-88	-88			
2021/22-1	MO-FIL	srgt environ, rec	11/12/2021	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	45	%	EPA 625.1m	-88	-88	23	148	
2021/22-1	MO-HUE	srgt environ	11/6/2021	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	2.91	µg/L	EPA 625.1m	-88	-88			
2021/22-1	MO-HUE	srgt environ, rec	11/6/2021	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	116	%	EPA 625.1m	-88	-88	23	148	
2021/22-1	MO-HUE	srgt environ	11/16/2021	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	53.3	µg/L	EPA 525.2	-88	-88			
2021/22-1	MO-HUE	srgt environ, rec	11/16/2021	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	107	%	EPA 525.2	-88	-88	70	130	
2021/22-1	MO-MEI	srgt environ	11/5/2021	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.517	µg/L	EPA 625.1m	-88	-88			
2021/22-1	MO-MEI	srgt environ, rec	11/5/2021	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	103	%	EPA 625.1m	-88	-88	23	148	
2021/22-1	MO-MEI	srgt environ	11/9/2021	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	27.4	µg/L	EPA 525.2	-88	-88			
2021/22-1	MO-MEI	srgt environ, rec	11/9/2021	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	110	%	EPA 525.2	-88	-88	70	130	
2021/22-1	MO-MPK	srgt environ	11/10/2021	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	5.24	µg/L	EPA 525.2	-88	-88			
2021/22-1	MO-MPK	srgt environ, rec	11/10/2021	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	110	%	EPA 525.2	-88	-88	70	130	
2021/22-1	MO-MPK	srgt environ	11/12/2021	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	1.58	µg/L	EPA 625.1m	-88	-88			
2021/22-1	MO-MPK	srgt environ, rec	11/12/2021	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	63	%	EPA 625.1m	-88	-88	23	148	
2021/22-1	MO-OJA	srgt environ	11/9/2021	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	26.8	µg/L	EPA 525.2	-88	-88			
2021/22-1	MO-OJA	srgt environ, rec	11/9/2021	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	107	%	EPA 525.2	-88	-88	70	130	
2021/22-1	MO-OJA	srgt matrix spike	11/12/2021	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	1.68	µg/L	EPA 625.1m	-88	-88			
2021/22-1	MO-OJA	srgt matrix spike, rec	11/12/2021	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	67	%	EPA 625.1m	-88	-88	23	148	
2021/22-1	MO-OJA	srgt matrix spike dup	11/12/2021	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	1.34	µg/L	EPA 625.1m	-88	-88			
2021/22-1	MO-OJA	srgt matrix spike dup, rec	11/12/2021	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	54	%	EPA 625.1m	-88	-88	23	148	
2021/22-1	MO-OJA	srgt environ	11/12/2021	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.214	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	
2021/22-1	MO-OJA	srgt environ, rec	11/12/2021	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	43	%	EPA 625.1m	-88	-88	23	148	
2021/22-1	MO-OXN	srgt environ	11/6/2021	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	1.88	µg/L	EPA 625.1m	-88	-88			
2021/22-1	MO-OXN	srgt environ, rec	11/6/2021	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	75	%	EPA 625.1m	-88	-88	23	148	
2021/22-1	MO-OXN	srgt environ	11/16/2021	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	55.7	µg/L	EPA 525.2	-88	-88			
2021/22-1	MO-OXN	srgt environ, rec	11/16/2021	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	111	%	EPA 525.2	-88	-88	70	130	
2021/22-1	MO-SIM	srgt environ	11/5/2021	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	2.29	µg/L	EPA 625.1m	-88	-88			
2021/22-1	MO-SIM	srgt environ, rec	11/5/2021	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	92	%	EPA 625.1m	-88	-88	23	148	
2021/22-1	MO-SIM	srgt environ	11/10/2021	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	5.29	µg/L	EPA 525.2	-88	-88			
2021/22-1	MO-SIM	srgt environ, rec	11/10/2021	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	111	%	EPA 525.2	-88	-88	70	130	
2021/22-1	MO-SPA	srgt environ	11/9/2021	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	27.9	µg/L	EPA 525.2	-88	-88			
2021/22-1	MO-SPA	srgt environ, rec	11/9/2021	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	112	%	EPA 525.2	-88	-88	70	130	
2021/22-1	MO-SPA	srgt environ	11/12/2021	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	1.16	µg/L	EPA 625.1m	-88	-88			
2021/22-1	MO-SPA	srgt environ, rec	11/12/2021	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	46	%	EPA 625.1m	-88	-88	23	148	
2021/22-1	MO-THO	srgt environ	11/12/2021	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	1.53	µg/L	EPA 625.1m	-88	-88			
2021/22-1	MO-THO	srgt environ, rec	11/12/2021	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	61	%	EPA 625.1m	-88	-88	23	148	
2021/22-1	MO-THO	srgt environ	11/16/2021	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	54.2	µg/L	EPA 525.2	-88	-88			
2021/22-1	MO-THO	srgt environ, rec	11/16/2021	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	108	%	EPA 525.2	-88	-88	70	130	
2021/22-1	MO-VEN	srgt environ	11/5/2021	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	2.48	µg/L	EPA 625.1m	-88	-88			
2021/22-1	MO-VEN	srgt environ, rec	11/5/2021	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	99	%	EPA 625.1m	-88	-88	23	148	
2021/22-1	MO-VEN	srgt environ	11/9/2021	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	27.3	µg/L	EPA 525.2	-88	-88			
2021/22-1	MO-VEN	srgt environ, rec	11/9/2021	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	109	%	EPA 525.2	-88	-88	70	130	
2021/22-1	Lab	LCS	11/22/2021	Organic	1,4-Dichlorobenzene	n/a	=	17.5	µg/L	EPA 625.1	0.48	1			
2021/22-1	Lab	LCS, rec	11/22/2021	Organic	1,4-Dichlorobenzene	n/a	=	88	%	EPA 625.1	-88	-88	55	120	
2021/22-1	Lab	LCS dup	11/22/2021	Organic	1,4-Dichlorobenzene	n/a	=	14.6	µg/L	EPA 625.1	0.48	1			
2021/22-1	Lab	LCS dup, rec	11/22/2021	Organic	1,4-Dichlorobenzene	n/a	=	73	%	EPA 625.1	-88	-88	55	120	
2021/22-1	Lab	LCS, RPD	11/22/2021	Organic	1,4-Dichlorobenzene	n/a	=	18	%	EPA 625.1	-88	-88	0	30	
2021/22-1	Lab	method blank	11/22/2021	Organic	1,4-Dichlorobenzene	n/a	<	0.48	µg/L	EPA 625.1	0.48	1			
2021/22-1	Lab	method blank	11/17/2021	Organic	1-Methylnaphthalene	n/a	<	0.024	µg/L	EPA 8270C	0.024	0.1			
2021/22-1	Lab	method blank	11/19/2021	Organic	2,4,5-Trichlorophenol	n/a	<	0.29	µg/L	EPA 8270C	0.29	1			
2021/22-1	Lab	srgt method blank	11/19/2021	Organic	2,4,6-Tribromophenol	n/a	=	27.6	µg/L	EPA 8270C	-88	-88			
2021/22-1	Lab	srgt method blank, rec	11/19/2021	Organic	2,4,6-Tribromophenol	n/a	=	69	%	EPA 8270C	-88	-88	26	117	
2021/22-1	Lab	srgt LCS	11/19/2021	Organic	2,4,6-Tribromophenol	n/a	=	31	µg/L	EPA 8270C	-88	-88			
2021/22-1	Lab	srgt LCS, rec	11/19/2021	Organic	2,4,6-Tribromophenol	n/a	=	77	%	EPA 8270C	-88	-88	26	117	
2021/22-1	Lab	srgt LCS dup	11/19/2021	Organic	2,4,6-Tribromophenol	n/a	=	25.8	µg/L	EPA 8270C	-88	-88			
2021/22-1	Lab	srgt LCS dup, rec	11/19/2021	Organic	2,4,6-Tribromophenol	n/a	=	64	%	EPA 8270C	-88	-88	26	117	
2021/22-1	Lab	srgt LCS	11/22/2021	Organic	2,4,6-Tribromophenol	n/a	=	33.7	µg/L	EPA 625.1	-88	-88			
2021/22-1	Lab	srgt LCS, rec	11/22/2021	Organic	2,4,6-Tribromophenol	n/a	=	84	%	EPA 625.1	-88	-88	25	120	
2021/22-1	Lab	srgt LCS dup	11/22/2021	Organic	2,4,6-Tribromophenol	n/a	=	31.6	µg/L	EPA 625.1	-88	-88			
2021/22-1	Lab	srgt LCS dup, rec	11/22/2021	Organic	2,4,6-Tribromophenol	n/a	=	79	%	EPA 625.1	-88	-88	25	120	
2021/22-1	Lab	srgt method blank	11/22/2021	Organic	2,4,6-Tribromophenol	n/a	=	26	µg/L	EPA 625.1	-88	-88			
2021/22-1	Lab	srgt method blank, rec	11/22/2021	Organic	2,4,6-Tribromophenol	n/a	=	65	%	EPA 625.1	-88	-88	25	120	
2021/22-1	ME-CC	srgt environ	11/19/2021	Organic	2,4,6-Tribromophenol	n/a	=	22.7	µg/L	EPA 8270C	-88	-88			
2021/22-1	ME-CC	srgt environ, rec	11/19/2021	Organic	2,4,6-Tribromophenol	n/a	=	56	%	EPA 8270C	-88	-88	26	117	
2021/22-1	ME-CC	srgt environ	11/22/2021	Organic	2,4,6-Tribromophenol	n/a	=	24.5	µg/L	EPA 625.1	-88	-88			
2021/22-1	ME-CC	srgt environ, rec	11/22/2021	Organic	2,4,6-Tribromophenol	n/a	=	60	%	EPA 625.1	-88	-88	25	120	
2021/22-1	ME-SCR	srgt environ	11/19/2021	Organic	2,4,6-Tribromophenol	n/a	=	32.3	µg/L	EPA 8270C	-88	-88			
2021/22-1	ME-SCR	srgt environ, rec	11/19/2021	Organic	2,4,6-Tribromophenol	n/a	=	80	%	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	
2021/22-1	ME-SCR	srgt environ	11/22/2021	Organic	2,4,6-Tribromophenol	n/a	=	30.4	µg/L	EPA 625.1	-88	-88			
2021/22-1	ME-SCR	srgt environ, rec	11/22/2021	Organic	2,4,6-Tribromophenol	n/a	=	75	%	EPA 625.1	-88	-88	25	120	
2021/22-1	ME-VR2	srgt environ	11/19/2021	Organic	2,4,6-Tribromophenol	n/a	=	28.4	µg/L	EPA 8270C	-88	-88			
2021/22-1	ME-VR2	srgt environ, rec	11/19/2021	Organic	2,4,6-Tribromophenol	n/a	=	70	%	EPA 8270C	-88	-88	26	117	
2021/22-1	ME-VR2	srgt environ	11/22/2021	Organic	2,4,6-Tribromophenol	n/a	=	33.5	µg/L	EPA 625.1	-88	-88			
2021/22-1	ME-VR2	srgt environ, rec	11/22/2021	Organic	2,4,6-Tribromophenol	n/a	=	83	%	EPA 625.1	-88	-88	25	120	
2021/22-1	MO-CAM	srgt environ	11/19/2021	Organic	2,4,6-Tribromophenol	n/a	=	25.6	µg/L	EPA 8270C	-88	-88			
2021/22-1	MO-CAM	srgt environ, rec	11/19/2021	Organic	2,4,6-Tribromophenol	n/a	=	63	%	EPA 8270C	-88	-88	26	117	
2021/22-1	MO-CAM	srgt environ	11/22/2021	Organic	2,4,6-Tribromophenol	n/a	=	28.9	µg/L	EPA 625.1	-88	-88			
2021/22-1	MO-CAM	srgt environ, rec	11/22/2021	Organic	2,4,6-Tribromophenol	n/a	=	71	%	EPA 625.1	-88	-88	25	120	
2021/22-1	MO-FIL	srgt environ	11/19/2021	Organic	2,4,6-Tribromophenol	n/a	=	23.4	µg/L	EPA 8270C	-88	-88			
2021/22-1	MO-FIL	srgt environ, rec	11/19/2021	Organic	2,4,6-Tribromophenol	n/a	=	58	%	EPA 8270C	-88	-88	26	117	
2021/22-1	MO-FIL	srgt environ	11/22/2021	Organic	2,4,6-Tribromophenol	n/a	=	28.4	µg/L	EPA 625.1	-88	-88			
2021/22-1	MO-FIL	srgt environ, rec	11/22/2021	Organic	2,4,6-Tribromophenol	n/a	=	70	%	EPA 625.1	-88	-88	25	120	
2021/22-1	MO-HUE	srgt environ	11/20/2021	Organic	2,4,6-Tribromophenol	n/a	=	29.6	µg/L	EPA 8270C	-88	-88			
2021/22-1	MO-HUE	srgt environ, rec	11/20/2021	Organic	2,4,6-Tribromophenol	n/a	=	74	%	EPA 8270C	-88	-88	26	117	
2021/22-1	MO-HUE	srgt environ	11/23/2021	Organic	2,4,6-Tribromophenol	n/a	=	29.9	µg/L	EPA 625.1	-88	-88			
2021/22-1	MO-HUE	srgt environ, rec	11/23/2021	Organic	2,4,6-Tribromophenol	n/a	=	75	%	EPA 625.1	-88	-88	25	120	
2021/22-1	MO-MEI	srgt environ	11/19/2021	Organic	2,4,6-Tribromophenol	n/a	=	70.8	µg/L	EPA 8270C	-88	-88			
2021/22-1	MO-MEI	srgt environ, rec	11/19/2021	Organic	2,4,6-Tribromophenol	n/a	=	86	%	EPA 8270C	-88	-88	26	117	
2021/22-1	MO-MEI	srgt environ	11/22/2021	Organic	2,4,6-Tribromophenol	n/a	=	69.4	µg/L	EPA 625.1	-88	-88			
2021/22-1	MO-MEI	srgt environ, rec	11/22/2021	Organic	2,4,6-Tribromophenol	n/a	=	84	%	EPA 625.1	-88	-88	25	120	
2021/22-1	MO-MPK	srgt environ	11/20/2021	Organic	2,4,6-Tribromophenol	n/a	=	12.5	µg/L	EPA 8270C	-88	-88			
2021/22-1	MO-MPK	srgt environ, rec	11/20/2021	Organic	2,4,6-Tribromophenol	n/a	=	30	%	EPA 8270C	-88	-88	26	117	
2021/22-1	MO-MPK	srgt environ	11/23/2021	Organic	2,4,6-Tribromophenol	n/a	=	14.3	µg/L	EPA 625.1	-88	-88			
2021/22-1	MO-MPK	srgt environ, rec	11/23/2021	Organic	2,4,6-Tribromophenol	n/a	=	34	%	EPA 625.1	-88	-88	25	120	
2021/22-1	MO-OJA	srgt environ	11/19/2021	Organic	2,4,6-Tribromophenol	n/a	=	24.5	µg/L	EPA 8270C	-88	-88			
2021/22-1	MO-OJA	srgt environ, rec	11/19/2021	Organic	2,4,6-Tribromophenol	n/a	=	60	%	EPA 8270C	-88	-88	26	117	
2021/22-1	MO-OJA	srgt environ	11/22/2021	Organic	2,4,6-Tribromophenol	n/a	=	29	µg/L	EPA 625.1	-88	-88			
2021/22-1	MO-OJA	srgt environ, rec	11/22/2021	Organic	2,4,6-Tribromophenol	n/a	=	71	%	EPA 625.1	-88	-88	25	120	
2021/22-1	MO-OXN	srgt environ	11/20/2021	Organic	2,4,6-Tribromophenol	n/a	=	29.1	µg/L	EPA 8270C	-88	-88			
2021/22-1	MO-OXN	srgt environ, rec	11/20/2021	Organic	2,4,6-Tribromophenol	n/a	=	72	%	EPA 8270C	-88	-88	26	117	
2021/22-1	MO-OXN	srgt environ	11/23/2021	Organic	2,4,6-Tribromophenol	n/a	=	31.8	µg/L	EPA 625.1	-88	-88			
2021/22-1	MO-OXN	srgt environ, rec	11/23/2021	Organic	2,4,6-Tribromophenol	n/a	=	79	%	EPA 625.1	-88	-88	25	120	
2021/22-1	MO-SIM	srgt environ	11/19/2021	Organic	2,4,6-Tribromophenol	n/a	=	21.9	µg/L	EPA 8270C	-88	-88			
2021/22-1	MO-SIM	srgt environ, rec	11/19/2021	Organic	2,4,6-Tribromophenol	n/a	=	55	%	EPA 8270C	-88	-88	26	117	
2021/22-1	MO-SIM	srgt environ	11/22/2021	Organic	2,4,6-Tribromophenol	n/a	=	26.3	µg/L	EPA 625.1	-88	-88			
2021/22-1	MO-SIM	srgt environ, rec	11/22/2021	Organic	2,4,6-Tribromophenol	n/a	=	65	%	EPA 625.1	-88	-88	25	120	
2021/22-1	MO-SPA	srgt environ	11/19/2021	Organic	2,4,6-Tribromophenol	n/a	=	26.7	µg/L	EPA 8270C	-88	-88			
2021/22-1	MO-SPA	srgt environ, rec	11/19/2021	Organic	2,4,6-Tribromophenol	n/a	=	65	%	EPA 8270C	-88	-88	26	117	
2021/22-1	MO-SPA	srgt environ	11/22/2021	Organic	2,4,6-Tribromophenol	n/a	=	37.1	µg/L	EPA 625.1	-88	-88			
2021/22-1	MO-SPA	srgt environ, rec	11/22/2021	Organic	2,4,6-Tribromophenol	n/a	=	91	%	EPA 625.1	-88	-88	25	120	
2021/22-1	MO-THO	srgt environ	11/20/2021	Organic	2,4,6-Tribromophenol	n/a	=	20.8	µg/L	EPA 8270C	-88	-88			
2021/22-1	MO-THO	srgt environ, rec	11/20/2021	Organic	2,4,6-Tribromophenol	n/a	=	51	%	EPA 8270C	-88	-88	26	117	
2021/22-1	MO-THO	srgt environ	11/23/2021	Organic	2,4,6-Tribromophenol	n/a	=	20.3	µg/L	EPA 625.1	-88	-88			
2021/22-1	MO-THO	srgt environ, rec	11/23/2021	Organic	2,4,6-Tribromophenol	n/a	=	50	%	EPA 625.1	-88	-88	25	120	
2021/22-1	MO-VEN	srgt environ	11/19/2021	Organic	2,4,6-Tribromophenol	n/a	=	31.7	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	
2021/22-1	MO-VEN	srgt environ, rec	11/19/2021	Organic	2,4,6-Tribromophenol	n/a	=	77	%	EPA 8270C	-88	-88	26	117	
2021/22-1	MO-VEN	srgt environ	11/22/2021	Organic	2,4,6-Tribromophenol	n/a	=	32.3	µg/L	EPA 625.1	-88	-88			
2021/22-1	MO-VEN	srgt environ, rec	11/22/2021	Organic	2,4,6-Tribromophenol	n/a	=	78	%	EPA 625.1	-88	-88	25	120	
2021/22-1	Lab	method blank	11/19/2021	Organic	2,4,6-Trichlorophenol	n/a	<	0.3	µg/L	EPA 8270C	0.3	1			
2021/22-1	Lab	LCS	11/19/2021	Organic	2,4,6-Trichlorophenol	n/a	=	18.9	µg/L	EPA 8270C	0.3	1			
2021/22-1	Lab	LCS, rec	11/19/2021	Organic	2,4,6-Trichlorophenol	n/a	=	94	%	EPA 8270C	-88	-88	30	115	
2021/22-1	Lab	LCS dup	11/19/2021	Organic	2,4,6-Trichlorophenol	n/a	=	16.7	µg/L	EPA 8270C	0.3	1			
2021/22-1	Lab	LCS dup, rec	11/19/2021	Organic	2,4,6-Trichlorophenol	n/a	=	83	%	EPA 8270C	-88	-88	30	115	
2021/22-1	Lab	LCS, RPD	11/19/2021	Organic	2,4,6-Trichlorophenol	n/a	=	12	%	EPA 8270C	-88	-88	0	30	
2021/22-1	Lab	LCS	11/22/2021	Organic	2,4,6-Trichlorophenol	n/a	=	17.1	µg/L	EPA 625.1	0.22	1			
2021/22-1	Lab	LCS, rec	11/22/2021	Organic	2,4,6-Trichlorophenol	n/a	=	86	%	EPA 625.1	-88	-88	52	129	
2021/22-1	Lab	LCS dup	11/22/2021	Organic	2,4,6-Trichlorophenol	n/a	=	15.5	µg/L	EPA 625.1	0.22	1			
2021/22-1	Lab	LCS dup, rec	11/22/2021	Organic	2,4,6-Trichlorophenol	n/a	=	77	%	EPA 625.1	-88	-88	52	129	
2021/22-1	Lab	LCS, RPD	11/22/2021	Organic	2,4,6-Trichlorophenol	n/a	=	10	%	EPA 625.1	-88	-88	0	30	
2021/22-1	Lab	method blank	11/22/2021	Organic	2,4,6-Trichlorophenol	n/a	<	0.22	µg/L	EPA 625.1	0.22	1			
2021/22-1	Lab	method blank	11/19/2021	Organic	2,4-Dichlorophenol	n/a	<	0.51	µg/L	EPA 8270C	0.51	1			
2021/22-1	Lab	LCS	11/19/2021	Organic	2,4-Dichlorophenol	n/a	=	18	µg/L	EPA 8270C	0.51	1			
2021/22-1	Lab	LCS, rec	11/19/2021	Organic	2,4-Dichlorophenol	n/a	=	90	%	EPA 8270C	-88	-88	32	105	
2021/22-1	Lab	LCS dup	11/19/2021	Organic	2,4-Dichlorophenol	n/a	=	16.1	µg/L	EPA 8270C	0.51	1			
2021/22-1	Lab	LCS dup, rec	11/19/2021	Organic	2,4-Dichlorophenol	n/a	=	80	%	EPA 8270C	-88	-88	32	105	
2021/22-1	Lab	LCS, RPD	11/19/2021	Organic	2,4-Dichlorophenol	n/a	=	12	%	EPA 8270C	-88	-88	0	30	
2021/22-1	Lab	LCS	11/22/2021	Organic	2,4-Dichlorophenol	n/a	=	19	µg/L	EPA 625.1	0.26	1			
2021/22-1	Lab	LCS, rec	11/22/2021	Organic	2,4-Dichlorophenol	n/a	=	95	%	EPA 625.1	-88	-88	53	122	
2021/22-1	Lab	LCS dup	11/22/2021	Organic	2,4-Dichlorophenol	n/a	=	16.6	µg/L	EPA 625.1	0.26	1			
2021/22-1	Lab	LCS dup, rec	11/22/2021	Organic	2,4-Dichlorophenol	n/a	=	83	%	EPA 625.1	-88	-88	53	122	
2021/22-1	Lab	LCS, RPD	11/22/2021	Organic	2,4-Dichlorophenol	n/a	=	14	%	EPA 625.1	-88	-88	0	30	
2021/22-1	Lab	method blank	11/22/2021	Organic	2,4-Dichlorophenol	n/a	<	0.26	µg/L	EPA 625.1	0.26	1			
2021/22-1	Lab	srgt method blank	11/7/2021	Organic	2,4-Dichlorophenylacetic acid	n/a	=	10	µg/L	EPA 515.4	-88	-88			
2021/22-1	Lab	srgt method blank, rec	11/7/2021	Organic	2,4-Dichlorophenylacetic acid	n/a	=	100	%	EPA 515.4	-88	-88	70	130	
2021/22-1	Lab	srgt LCS	11/7/2021	Organic	2,4-Dichlorophenylacetic acid	n/a	=	10.4	µg/L	EPA 515.4	-88	-88			
2021/22-1	Lab	srgt LCS, rec	11/7/2021	Organic	2,4-Dichlorophenylacetic acid	n/a	=	104	%	EPA 515.4	-88	-88	70	130	
2021/22-1	ME-CC	srgt matrix spike	11/7/2021	Organic	2,4-Dichlorophenylacetic acid	n/a	=	11.6	µg/L	EPA 515.4	-88	-88			
2021/22-1	ME-CC	srgt matrix spike, rec	11/7/2021	Organic	2,4-Dichlorophenylacetic acid	n/a	=	116	%	EPA 515.4	-88	-88	70	130	
2021/22-1	ME-CC	srgt matrix spike dup	11/7/2021	Organic	2,4-Dichlorophenylacetic acid	n/a	=	11	µg/L	EPA 515.4	-88	-88			
2021/22-1	ME-CC	srgt matrix spike dup, rec	11/7/2021	Organic	2,4-Dichlorophenylacetic acid	n/a	=	110	%	EPA 515.4	-88	-88	70	130	
2021/22-1	ME-CC	srgt environ	11/7/2021	Organic	2,4-Dichlorophenylacetic acid	n/a	=	10.9	µg/L	EPA 515.4	-88	-88			
2021/22-1	ME-CC	srgt environ, rec	11/7/2021	Organic	2,4-Dichlorophenylacetic acid	n/a	=	109	%	EPA 515.4	-88	-88	70	130	
2021/22-1	ME-SCR	srgt environ	11/7/2021	Organic	2,4-Dichlorophenylacetic acid	n/a	=	10.1	µg/L	EPA 515.4	-88	-88			
2021/22-1	ME-SCR	srgt environ, rec	11/7/2021	Organic	2,4-Dichlorophenylacetic acid	n/a	=	101	%	EPA 515.4	-88	-88	70	130	
2021/22-1	ME-VR2	srgt environ	11/7/2021	Organic	2,4-Dichlorophenylacetic acid	n/a	=	10.7	µg/L	EPA 515.4	-88	-88			
2021/22-1	ME-VR2	srgt environ, rec	11/7/2021	Organic	2,4-Dichlorophenylacetic acid	n/a	=	107	%	EPA 515.4	-88	-88	70	130	
2021/22-1	MO-CAM	srgt environ	11/8/2021	Organic	2,4-Dichlorophenylacetic acid	n/a	=	11.3	µg/L	EPA 515.4	-88	-88			
2021/22-1	MO-CAM	srgt environ, rec	11/8/2021	Organic	2,4-Dichlorophenylacetic acid	n/a	=	113	%	EPA 515.4	-88	-88	70	130	
2021/22-1	MO-FIL	srgt environ	11/8/2021	Organic	2,4-Dichlorophenylacetic acid	n/a	=	11.2	µg/L	EPA 515.4	-88	-88			
2021/22-1	MO-FIL	srgt environ, rec	11/8/2021	Organic	2,4-Dichlorophenylacetic acid	n/a	=	112	%	EPA 515.4	-88	-88	70	130	
2021/22-1	MO-HUE	srgt environ	11/8/2021	Organic	2,4-Dichlorophenylacetic acid	n/a	=	11.2	µg/L	EPA 515.4	-88	-88			
2021/22-1	MO-HUE	srgt environ, rec	11/8/2021	Organic	2,4-Dichlorophenylacetic acid	n/a	=	112	%	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	
2021/22-1	MO-MPK	srgt environ	11/8/2021	Organic	2,4-Dichlorophenylacetic acid	n/a	=	11.8	µg/L	EPA 515.4	-88	-88			
2021/22-1	MO-MPK	srgt environ, rec	11/8/2021	Organic	2,4-Dichlorophenylacetic acid	n/a	=	118	%	EPA 515.4	-88	-88	70	130	
2021/22-1	MO-OJA	srgt environ	11/8/2021	Organic	2,4-Dichlorophenylacetic acid	n/a	=	12.2	µg/L	EPA 515.4	-88	-88			
2021/22-1	MO-OJA	srgt environ, rec	11/8/2021	Organic	2,4-Dichlorophenylacetic acid	n/a	=	122	%	EPA 515.4	-88	-88	70	130	
2021/22-1	MO-OXN	srgt environ	11/8/2021	Organic	2,4-Dichlorophenylacetic acid	n/a	=	11.4	µg/L	EPA 515.4	-88	-88			
2021/22-1	MO-OXN	srgt environ, rec	11/8/2021	Organic	2,4-Dichlorophenylacetic acid	n/a	=	114	%	EPA 515.4	-88	-88	70	130	
2021/22-1	MO-SIM	srgt environ	11/8/2021	Organic	2,4-Dichlorophenylacetic acid	n/a	=	11.7	µg/L	EPA 515.4	-88	-88			
2021/22-1	MO-SIM	srgt environ, rec	11/8/2021	Organic	2,4-Dichlorophenylacetic acid	n/a	=	117	%	EPA 515.4	-88	-88	70	130	
2021/22-1	MO-SPA	srgt environ	11/8/2021	Organic	2,4-Dichlorophenylacetic acid	n/a	=	12.7	µg/L	EPA 515.4	-88	-88			
2021/22-1	MO-SPA	srgt environ, rec	11/8/2021	Organic	2,4-Dichlorophenylacetic acid	n/a	=	127	%	EPA 515.4	-88	-88	70	130	
2021/22-1	MO-THO	srgt environ	11/8/2021	Organic	2,4-Dichlorophenylacetic acid	n/a	=	11.1	µg/L	EPA 515.4	-88	-88			
2021/22-1	MO-THO	srgt environ, rec	11/8/2021	Organic	2,4-Dichlorophenylacetic acid	n/a	=	111	%	EPA 515.4	-88	-88	70	130	
2021/22-1	MO-VEN	srgt environ	11/8/2021	Organic	2,4-Dichlorophenylacetic acid	n/a	=	12.4	µg/L	EPA 515.4	-88	-88			
2021/22-1	MO-VEN	srgt environ, rec	11/8/2021	Organic	2,4-Dichlorophenylacetic acid	n/a	=	124	%	EPA 515.4	-88	-88	70	130	
2021/22-1	Lab	method blank	11/19/2021	Organic	2,4-Dimethylphenol	n/a	<	1	µg/L	EPA 8270C	1	2			
2021/22-1	Lab	LCS	11/19/2021	Organic	2,4-Dimethylphenol	n/a	=	16.6	µg/L	EPA 8270C	1	2			
2021/22-1	Lab	LCS, rec	11/19/2021	Organic	2,4-Dimethylphenol	n/a	=	83	%	EPA 8270C	-88	-88	31	97	
2021/22-1	Lab	LCS dup	11/19/2021	Organic	2,4-Dimethylphenol	n/a	=	15.5	µg/L	EPA 8270C	1	2			
2021/22-1	Lab	LCS dup, rec	11/19/2021	Organic	2,4-Dimethylphenol	n/a	=	77	%	EPA 8270C	-88	-88	31	97	
2021/22-1	Lab	LCS, RPD	11/19/2021	Organic	2,4-Dimethylphenol	n/a	=	7	%	EPA 8270C	-88	-88	0	30	
2021/22-1	Lab	LCS	11/22/2021	Organic	2,4-Dimethylphenol	n/a	=	15.7	µg/L	EPA 625.1	0.76	1			
2021/22-1	Lab	LCS, rec	11/22/2021	Organic	2,4-Dimethylphenol	n/a	=	79	%	EPA 625.1	-88	-88	42	120	
2021/22-1	Lab	LCS dup	11/22/2021	Organic	2,4-Dimethylphenol	n/a	=	14.6	µg/L	EPA 625.1	0.76	1			
2021/22-1	Lab	LCS dup, rec	11/22/2021	Organic	2,4-Dimethylphenol	n/a	=	73	%	EPA 625.1	-88	-88	42	120	
2021/22-1	Lab	LCS, RPD	11/22/2021	Organic	2,4-Dimethylphenol	n/a	=	7	%	EPA 625.1	-88	-88	0	30	
2021/22-1	Lab	method blank	11/22/2021	Organic	2,4-Dimethylphenol	n/a	<	0.76	µg/L	EPA 625.1	0.76	1			
2021/22-1	Lab	method blank	11/19/2021	Organic	2,4-Dinitrophenol	n/a	<	1	µg/L	EPA 8270C	1	2			
2021/22-1	Lab	LCS	11/19/2021	Organic	2,4-Dinitrophenol	n/a	=	13	µg/L	EPA 8270C	1	2			
2021/22-1	Lab	LCS, rec	11/19/2021	Organic	2,4-Dinitrophenol	n/a	=	65	%	EPA 8270C	-88	-88	7	155	
2021/22-1	Lab	LCS dup	11/19/2021	Organic	2,4-Dinitrophenol	n/a	=	2.38	µg/L	EPA 8270C	1	2			IL
2021/22-1	Lab	LCS dup, rec	11/19/2021	Organic	2,4-Dinitrophenol	n/a	=	12	%	EPA 8270C	-88	-88	7	155	IL
2021/22-1	Lab	LCS, RPD	11/19/2021	Organic	2,4-Dinitrophenol	n/a	=	138	%	EPA 8270C	-88	-88	0	30	IL
2021/22-1	Lab	LCS	11/22/2021	Organic	2,4-Dinitrophenol	n/a	=	24.8	µg/L	EPA 625.1	1.9	10			
2021/22-1	Lab	LCS, rec	11/22/2021	Organic	2,4-Dinitrophenol	n/a	=	124	%	EPA 625.1	-88	-88	0.1	173	
2021/22-1	Lab	LCS dup	11/22/2021	Organic	2,4-Dinitrophenol	n/a	DNQ	4.49	µg/L	EPA 625.1	1.9	10			IL
2021/22-1	Lab	LCS dup, rec	11/22/2021	Organic	2,4-Dinitrophenol	n/a	=	22	%	EPA 625.1	-88	-88	0.1	173	IL
2021/22-1	Lab	LCS, RPD	11/22/2021	Organic	2,4-Dinitrophenol	n/a	=	139	%	EPA 625.1	-88	-88	0	30	IL
2021/22-1	Lab	method blank	11/22/2021	Organic	2,4-Dinitrophenol	n/a	<	1.9	µg/L	EPA 625.1	1.9	10			
2021/22-1	Lab	LCS	11/22/2021	Organic	2,4-Dinitrotoluene	n/a	=	21.6	µg/L	EPA 625.1	0.46	1			
2021/22-1	Lab	LCS, rec	11/22/2021	Organic	2,4-Dinitrotoluene	n/a	=	108	%	EPA 625.1	-88	-88	48	127	
2021/22-1	Lab	LCS dup	11/22/2021	Organic	2,4-Dinitrotoluene	n/a	=	18.7	µg/L	EPA 625.1	0.46	1			
2021/22-1	Lab	LCS dup, rec	11/22/2021	Organic	2,4-Dinitrotoluene	n/a	=	94	%	EPA 625.1	-88	-88	48	127	
2021/22-1	Lab	LCS, RPD	11/22/2021	Organic	2,4-Dinitrotoluene	n/a	=	14	%	EPA 625.1	-88	-88	0	30	
2021/22-1	Lab	method blank	11/22/2021	Organic	2,4-Dinitrotoluene	n/a	<	0.46	µg/L	EPA 625.1	0.46	1			
2021/22-1	Lab	LCS	11/22/2021	Organic	2,6-Dinitrotoluene	n/a	=	17.3	µg/L	EPA 625.1	0.27	1			
2021/22-1	Lab	LCS, rec	11/22/2021	Organic	2,6-Dinitrotoluene	n/a	=	87	%	EPA 625.1	-88	-88	68	137	
2021/22-1	Lab	LCS dup	11/22/2021	Organic	2,6-Dinitrotoluene	n/a	=	15.9	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	
2021/22-1	Lab	LCS dup, rec	11/22/2021	Organic	2,6-Dinitrotoluene	n/a	=	79	%	EPA 625.1	-88	-88	68	137	
2021/22-1	Lab	LCS, RPD	11/22/2021	Organic	2,6-Dinitrotoluene	n/a	=	9	%	EPA 625.1	-88	-88	0	30	
2021/22-1	Lab	method blank	11/22/2021	Organic	2,6-Dinitrotoluene	n/a	<	0.27	µg/L	EPA 625.1	0.27	1			
2021/22-1	Lab	LCS	10/27/2021	Organic	2-Chloroethyl vinyl ether	n/a	=	54.8	µg/L	EPA 624.1	0.19	1			
2021/22-1	Lab	LCS, rec	10/27/2021	Organic	2-Chloroethyl vinyl ether	n/a	=	110	%	EPA 624.1	-88	-88	0.1	305	
2021/22-1	Lab	LCS dup	10/27/2021	Organic	2-Chloroethyl vinyl ether	n/a	=	55.3	µg/L	EPA 624.1	0.19	1			
2021/22-1	Lab	LCS dup, rec	10/27/2021	Organic	2-Chloroethyl vinyl ether	n/a	=	111	%	EPA 624.1	-88	-88	0.1	305	
2021/22-1	Lab	LCS, RPD	10/27/2021	Organic	2-Chloroethyl vinyl ether	n/a	=	0.9	%	EPA 624.1	-88	-88	0	25	
2021/22-1	Lab	method blank	10/27/2021	Organic	2-Chloroethyl vinyl ether	n/a	<	0.19	µg/L	EPA 624.1	0.19	1			
2021/22-1	Lab	LCS	10/28/2021	Organic	2-Chloroethyl vinyl ether	n/a	=	54.2	µg/L	EPA 624.1	0.19	1			
2021/22-1	Lab	LCS, rec	10/28/2021	Organic	2-Chloroethyl vinyl ether	n/a	=	108	%	EPA 624.1	-88	-88	0.1	305	
2021/22-1	Lab	LCS dup	10/28/2021	Organic	2-Chloroethyl vinyl ether	n/a	=	55.5	µg/L	EPA 624.1	0.19	1			
2021/22-1	Lab	LCS dup, rec	10/28/2021	Organic	2-Chloroethyl vinyl ether	n/a	=	111	%	EPA 624.1	-88	-88	0.1	305	
2021/22-1	Lab	LCS, RPD	10/28/2021	Organic	2-Chloroethyl vinyl ether	n/a	=	2	%	EPA 624.1	-88	-88	0	25	
2021/22-1	Lab	method blank	10/28/2021	Organic	2-Chloroethyl vinyl ether	n/a	<	0.19	µg/L	EPA 624.1	0.19	1			
2021/22-1	Lab	LCS	10/29/2021	Organic	2-Chloroethyl vinyl ether	n/a	=	57.2	µg/L	EPA 624.1	0.19	1			
2021/22-1	Lab	LCS, rec	10/29/2021	Organic	2-Chloroethyl vinyl ether	n/a	=	114	%	EPA 624.1	-88	-88	0.1	305	
2021/22-1	Lab	LCS dup	10/29/2021	Organic	2-Chloroethyl vinyl ether	n/a	=	57	µg/L	EPA 624.1	0.19	1			
2021/22-1	Lab	LCS dup, rec	10/29/2021	Organic	2-Chloroethyl vinyl ether	n/a	=	114	%	EPA 624.1	-88	-88	0.1	305	
2021/22-1	Lab	LCS, RPD	10/29/2021	Organic	2-Chloroethyl vinyl ether	n/a	=	0.3	%	EPA 624.1	-88	-88	0	25	
2021/22-1	Lab	method blank	10/29/2021	Organic	2-Chloroethyl vinyl ether	n/a	<	0.19	µg/L	EPA 624.1	0.19	1			
2021/22-1	MO-OJA	field blank	10/28/2021	Organic	2-Chloroethyl vinyl ether	n/a	<	0.19	µg/L	EPA 624.1	0.19	1			
2021/22-1	MO-SPA	field duplicate	10/29/2021	Organic	2-Chloroethyl vinyl ether	n/a	<	0.19	µg/L	EPA 624.1	0.19	1			
2021/22-1	Lab	LCS	11/22/2021	Organic	2-Chloronaphthalene	n/a	=	16.9	µg/L	EPA 625.1	0.45	1			
2021/22-1	Lab	LCS, rec	11/22/2021	Organic	2-Chloronaphthalene	n/a	=	85	%	EPA 625.1	-88	-88	65	120	
2021/22-1	Lab	LCS dup	11/22/2021	Organic	2-Chloronaphthalene	n/a	=	14.9	µg/L	EPA 625.1	0.45	1			
2021/22-1	Lab	LCS dup, rec	11/22/2021	Organic	2-Chloronaphthalene	n/a	=	75	%	EPA 625.1	-88	-88	65	120	
2021/22-1	Lab	LCS, RPD	11/22/2021	Organic	2-Chloronaphthalene	n/a	=	12	%	EPA 625.1	-88	-88	0	30	
2021/22-1	Lab	method blank	11/22/2021	Organic	2-Chloronaphthalene	n/a	<	0.45	µg/L	EPA 625.1	0.45	1			
2021/22-1	Lab	method blank	11/19/2021	Organic	2-Chlorophenol	n/a	<	0.65	µg/L	EPA 8270C	0.65	1			
2021/22-1	Lab	LCS	11/19/2021	Organic	2-Chlorophenol	n/a	=	18	µg/L	EPA 8270C	0.65	1			
2021/22-1	Lab	LCS, rec	11/19/2021	Organic	2-Chlorophenol	n/a	=	90	%	EPA 8270C	-88	-88	27	90	
2021/22-1	Lab	LCS dup	11/19/2021	Organic	2-Chlorophenol	n/a	=	15.2	µg/L	EPA 8270C	0.65	1			
2021/22-1	Lab	LCS dup, rec	11/19/2021	Organic	2-Chlorophenol	n/a	=	76	%	EPA 8270C	-88	-88	27	90	
2021/22-1	Lab	LCS, RPD	11/19/2021	Organic	2-Chlorophenol	n/a	=	17	%	EPA 8270C	-88	-88	0	30	
2021/22-1	Lab	LCS	11/22/2021	Organic	2-Chlorophenol	n/a	=	17.3	µg/L	EPA 625.1	0.28	1			
2021/22-1	Lab	LCS, rec	11/22/2021	Organic	2-Chlorophenol	n/a	=	86	%	EPA 625.1	-88	-88	36	120	
2021/22-1	Lab	LCS dup	11/22/2021	Organic	2-Chlorophenol	n/a	=	14.7	µg/L	EPA 625.1	0.28	1			
2021/22-1	Lab	LCS dup, rec	11/22/2021	Organic	2-Chlorophenol	n/a	=	74	%	EPA 625.1	-88	-88	36	120	
2021/22-1	Lab	LCS, RPD	11/22/2021	Organic	2-Chlorophenol	n/a	=	16	%	EPA 625.1	-88	-88	0	30	
2021/22-1	Lab	method blank	11/22/2021	Organic	2-Chlorophenol	n/a	<	0.28	µg/L	EPA 625.1	0.28	1			
2021/22-1	Lab	srgt method blank	11/17/2021	Organic	2-Fluorobiphenyl	n/a	=	17.2	µg/L	EPA 8270C	-88	-88			
2021/22-1	Lab	srgt method blank, rec	11/17/2021	Organic	2-Fluorobiphenyl	n/a	=	86	%	EPA 8270C	-88	-88	51	139	
2021/22-1	Lab	srgt LCS	11/17/2021	Organic	2-Fluorobiphenyl	n/a	=	17.1	µg/L	EPA 8270C	-88	-88			
2021/22-1	Lab	srgt LCS, rec	11/17/2021	Organic	2-Fluorobiphenyl	n/a	=	85	%	EPA 8270C	-88	-88	51	139	
2021/22-1	Lab	srgt LCS dup	11/17/2021	Organic	2-Fluorobiphenyl	n/a	=	16.1	µg/L	EPA 8270C	-88	-88			
2021/22-1	Lab	srgt LCS dup, rec	11/17/2021	Organic	2-Fluorobiphenyl	n/a	=	81	%	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	
2021/22-1	Lab	srgt LCS	11/22/2021	Organic	2-Fluorobiphenyl	n/a	=	17.8	µg/L	EPA 625.1	-88	-88			
2021/22-1	Lab	srgt LCS, rec	11/22/2021	Organic	2-Fluorobiphenyl	n/a	=	89	%	EPA 625.1	-88	-88	22	120	
2021/22-1	Lab	srgt LCS dup	11/22/2021	Organic	2-Fluorobiphenyl	n/a	=	17.2	µg/L	EPA 625.1	-88	-88			
2021/22-1	Lab	srgt LCS dup, rec	11/22/2021	Organic	2-Fluorobiphenyl	n/a	=	86	%	EPA 625.1	-88	-88	22	120	
2021/22-1	Lab	srgt method blank	11/22/2021	Organic	2-Fluorobiphenyl	n/a	=	16.7	µg/L	EPA 625.1	-88	-88			
2021/22-1	Lab	srgt method blank, rec	11/22/2021	Organic	2-Fluorobiphenyl	n/a	=	84	%	EPA 625.1	-88	-88	22	120	
2021/22-1	ME-CC	srgt environ	11/17/2021	Organic	2-Fluorobiphenyl	n/a	=	11.8	µg/L	EPA 8270C	-88	-88			
2021/22-1	ME-CC	srgt environ, rec	11/17/2021	Organic	2-Fluorobiphenyl	n/a	=	58	%	EPA 8270C	-88	-88	51	139	
2021/22-1	ME-CC	srgt environ	11/22/2021	Organic	2-Fluorobiphenyl	n/a	=	11.3	µg/L	EPA 625.1	-88	-88			
2021/22-1	ME-CC	srgt environ, rec	11/22/2021	Organic	2-Fluorobiphenyl	n/a	=	56	%	EPA 625.1	-88	-88	22	120	
2021/22-1	ME-SCR	srgt environ	11/17/2021	Organic	2-Fluorobiphenyl	n/a	=	14.2	µg/L	EPA 8270C	-88	-88			
2021/22-1	ME-SCR	srgt environ, rec	11/17/2021	Organic	2-Fluorobiphenyl	n/a	=	71	%	EPA 8270C	-88	-88	51	139	
2021/22-1	ME-SCR	srgt environ	11/22/2021	Organic	2-Fluorobiphenyl	n/a	=	15	µg/L	EPA 625.1	-88	-88			
2021/22-1	ME-SCR	srgt environ, rec	11/22/2021	Organic	2-Fluorobiphenyl	n/a	=	75	%	EPA 625.1	-88	-88	22	120	
2021/22-1	ME-VR2	srgt environ	11/17/2021	Organic	2-Fluorobiphenyl	n/a	=	15.5	µg/L	EPA 8270C	-88	-88			
2021/22-1	ME-VR2	srgt environ, rec	11/17/2021	Organic	2-Fluorobiphenyl	n/a	=	77	%	EPA 8270C	-88	-88	51	139	
2021/22-1	ME-VR2	srgt environ	11/22/2021	Organic	2-Fluorobiphenyl	n/a	=	16.5	µg/L	EPA 625.1	-88	-88			
2021/22-1	ME-VR2	srgt environ, rec	11/22/2021	Organic	2-Fluorobiphenyl	n/a	=	82	%	EPA 625.1	-88	-88	22	120	
2021/22-1	MO-CAM	srgt environ	11/17/2021	Organic	2-Fluorobiphenyl	n/a	=	14.6	µg/L	EPA 8270C	-88	-88			
2021/22-1	MO-CAM	srgt environ, rec	11/17/2021	Organic	2-Fluorobiphenyl	n/a	=	72	%	EPA 8270C	-88	-88	51	139	
2021/22-1	MO-CAM	srgt environ	11/22/2021	Organic	2-Fluorobiphenyl	n/a	=	14.2	µg/L	EPA 625.1	-88	-88			
2021/22-1	MO-CAM	srgt environ, rec	11/22/2021	Organic	2-Fluorobiphenyl	n/a	=	70	%	EPA 625.1	-88	-88	22	120	
2021/22-1	MO-FIL	srgt environ	11/17/2021	Organic	2-Fluorobiphenyl	n/a	=	13	µg/L	EPA 8270C	-88	-88			
2021/22-1	MO-FIL	srgt environ, rec	11/17/2021	Organic	2-Fluorobiphenyl	n/a	=	65	%	EPA 8270C	-88	-88	51	139	
2021/22-1	MO-FIL	srgt environ	11/22/2021	Organic	2-Fluorobiphenyl	n/a	=	12.7	µg/L	EPA 625.1	-88	-88			
2021/22-1	MO-FIL	srgt environ, rec	11/22/2021	Organic	2-Fluorobiphenyl	n/a	=	63	%	EPA 625.1	-88	-88	22	120	
2021/22-1	MO-HUE	srgt environ	11/17/2021	Organic	2-Fluorobiphenyl	n/a	=	15.3	µg/L	EPA 8270C	-88	-88			
2021/22-1	MO-HUE	srgt environ, rec	11/17/2021	Organic	2-Fluorobiphenyl	n/a	=	77	%	EPA 8270C	-88	-88	51	139	
2021/22-1	MO-HUE	srgt environ	11/23/2021	Organic	2-Fluorobiphenyl	n/a	=	13.3	µg/L	EPA 625.1	-88	-88			
2021/22-1	MO-HUE	srgt environ, rec	11/23/2021	Organic	2-Fluorobiphenyl	n/a	=	67	%	EPA 625.1	-88	-88	22	120	
2021/22-1	MO-MEI	srgt environ	11/17/2021	Organic	2-Fluorobiphenyl	n/a	=	31.5	µg/L	EPA 8270C	-88	-88			
2021/22-1	MO-MEI	srgt environ, rec	11/17/2021	Organic	2-Fluorobiphenyl	n/a	=	77	%	EPA 8270C	-88	-88	51	139	
2021/22-1	MO-MEI	srgt environ	11/22/2021	Organic	2-Fluorobiphenyl	n/a	=	31.5	µg/L	EPA 625.1	-88	-88			
2021/22-1	MO-MEI	srgt environ, rec	11/22/2021	Organic	2-Fluorobiphenyl	n/a	=	77	%	EPA 625.1	-88	-88	22	120	
2021/22-1	MO-MPK	srgt environ	11/17/2021	Organic	2-Fluorobiphenyl	n/a	=	6.53	µg/L	EPA 8270C	-88	-88			GN
2021/22-1	MO-MPK	srgt environ, rec	11/17/2021	Organic	2-Fluorobiphenyl	n/a	=	31	%	EPA 8270C	-88	-88	51	139	GN
2021/22-1	MO-MPK	srgt environ	11/23/2021	Organic	2-Fluorobiphenyl	n/a	=	5.91	µg/L	EPA 625.1	-88	-88			
2021/22-1	MO-MPK	srgt environ, rec	11/23/2021	Organic	2-Fluorobiphenyl	n/a	=	28	%	EPA 625.1	-88	-88	22	120	
2021/22-1	MO-OJA	srgt environ	11/17/2021	Organic	2-Fluorobiphenyl	n/a	=	15	µg/L	EPA 8270C	-88	-88			
2021/22-1	MO-OJA	srgt environ, rec	11/17/2021	Organic	2-Fluorobiphenyl	n/a	=	74	%	EPA 8270C	-88	-88	51	139	
2021/22-1	MO-OJA	srgt environ	11/22/2021	Organic	2-Fluorobiphenyl	n/a	=	14.6	µg/L	EPA 625.1	-88	-88			
2021/22-1	MO-OJA	srgt environ, rec	11/22/2021	Organic	2-Fluorobiphenyl	n/a	=	71	%	EPA 625.1	-88	-88	22	120	
2021/22-1	MO-oxn	srgt environ	11/17/2021	Organic	2-Fluorobiphenyl	n/a	=	15.2	µg/L	EPA 8270C	-88	-88			
2021/22-1	MO-oxn	srgt environ, rec	11/17/2021	Organic	2-Fluorobiphenyl	n/a	=	75	%	EPA 8270C	-88	-88	51	139	
2021/22-1	MO-oxn	srgt environ	11/23/2021	Organic	2-Fluorobiphenyl	n/a	=	13.3	µg/L	EPA 625.1	-88	-88			
2021/22-1	MO-oxn	srgt environ, rec	11/23/2021	Organic	2-Fluorobiphenyl	n/a	=	66	%	EPA 625.1	-88	-88	22	120	
2021/22-1	MO-SIM	srgt environ	11/17/2021	Organic	2-Fluorobiphenyl	n/a	=	12.5	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	
2021/22-1	MO-SIM	srgt environ, rec	11/17/2021	Organic	2-Fluorobiphenyl	n/a	=	62	%	EPA 8270C	-88	-88	51	139	
2021/22-1	MO-SIM	srgt environ	11/22/2021	Organic	2-Fluorobiphenyl	n/a	=	11.6	µg/L	EPA 625.1	-88	-88			
2021/22-1	MO-SIM	srgt environ, rec	11/22/2021	Organic	2-Fluorobiphenyl	n/a	=	58	%	EPA 625.1	-88	-88	22	120	
2021/22-1	MO-SPA	srgt environ	11/17/2021	Organic	2-Fluorobiphenyl	n/a	=	16.1	µg/L	EPA 8270C	-88	-88			
2021/22-1	MO-SPA	srgt environ, rec	11/17/2021	Organic	2-Fluorobiphenyl	n/a	=	79	%	EPA 8270C	-88	-88	51	139	
2021/22-1	MO-SPA	srgt environ	11/22/2021	Organic	2-Fluorobiphenyl	n/a	=	15.5	µg/L	EPA 625.1	-88	-88			
2021/22-1	MO-SPA	srgt environ, rec	11/22/2021	Organic	2-Fluorobiphenyl	n/a	=	76	%	EPA 625.1	-88	-88	22	120	
2021/22-1	MO-THO	srgt environ	11/17/2021	Organic	2-Fluorobiphenyl	n/a	=	9.42	µg/L	EPA 8270C	-88	-88			GN
2021/22-1	MO-THO	srgt environ, rec	11/17/2021	Organic	2-Fluorobiphenyl	n/a	=	47	%	EPA 8270C	-88	-88	51	139	GN
2021/22-1	MO-THO	srgt environ	11/23/2021	Organic	2-Fluorobiphenyl	n/a	=	8.49	µg/L	EPA 625.1	-88	-88			
2021/22-1	MO-THO	srgt environ, rec	11/23/2021	Organic	2-Fluorobiphenyl	n/a	=	42	%	EPA 625.1	-88	-88	22	120	
2021/22-1	MO-VEN	srgt environ	11/17/2021	Organic	2-Fluorobiphenyl	n/a	=	15.7	µg/L	EPA 8270C	-88	-88			
2021/22-1	MO-VEN	srgt environ, rec	11/17/2021	Organic	2-Fluorobiphenyl	n/a	=	77	%	EPA 8270C	-88	-88	51	139	
2021/22-1	MO-VEN	srgt environ	11/22/2021	Organic	2-Fluorobiphenyl	n/a	=	14.6	µg/L	EPA 625.1	-88	-88			
2021/22-1	MO-VEN	srgt environ, rec	11/22/2021	Organic	2-Fluorobiphenyl	n/a	=	71	%	EPA 625.1	-88	-88	22	120	
2021/22-1	Lab	srgt method blank	11/19/2021	Organic	2-Fluorophenol	n/a	=	19.9	µg/L	EPA 8270C	-88	-88			
2021/22-1	Lab	srgt method blank, rec	11/19/2021	Organic	2-Fluorophenol	n/a	=	50	%	EPA 8270C	-88	-88	11	62	
2021/22-1	Lab	srgt LCS	11/19/2021	Organic	2-Fluorophenol	n/a	=	22.7	µg/L	EPA 8270C	-88	-88			
2021/22-1	Lab	srgt LCS, rec	11/19/2021	Organic	2-Fluorophenol	n/a	=	57	%	EPA 8270C	-88	-88	11	62	
2021/22-1	Lab	srgt LCS dup	11/19/2021	Organic	2-Fluorophenol	n/a	=	19.9	µg/L	EPA 8270C	-88	-88			
2021/22-1	Lab	srgt LCS dup, rec	11/19/2021	Organic	2-Fluorophenol	n/a	=	50	%	EPA 8270C	-88	-88	11	62	
2021/22-1	Lab	srgt LCS	11/22/2021	Organic	2-Fluorophenol	n/a	=	21.4	µg/L	EPA 625.1	-88	-88			
2021/22-1	Lab	srgt LCS, rec	11/22/2021	Organic	2-Fluorophenol	n/a	=	54	%	EPA 625.1	-88	-88	17	120	
2021/22-1	Lab	srgt LCS dup	11/22/2021	Organic	2-Fluorophenol	n/a	=	19	µg/L	EPA 625.1	-88	-88			
2021/22-1	Lab	srgt LCS dup, rec	11/22/2021	Organic	2-Fluorophenol	n/a	=	48	%	EPA 625.1	-88	-88	17	120	
2021/22-1	Lab	srgt method blank	11/22/2021	Organic	2-Fluorophenol	n/a	=	21.3	µg/L	EPA 625.1	-88	-88			
2021/22-1	Lab	srgt method blank, rec	11/22/2021	Organic	2-Fluorophenol	n/a	=	53	%	EPA 625.1	-88	-88	17	120	
2021/22-1	ME-CC	srgt environ	11/19/2021	Organic	2-Fluorophenol	n/a	=	16.7	µg/L	EPA 8270C	-88	-88			
2021/22-1	ME-CC	srgt environ, rec	11/19/2021	Organic	2-Fluorophenol	n/a	=	41	%	EPA 8270C	-88	-88	11	62	
2021/22-1	ME-CC	srgt environ	11/22/2021	Organic	2-Fluorophenol	n/a	=	16.6	µg/L	EPA 625.1	-88	-88			
2021/22-1	ME-CC	srgt environ, rec	11/22/2021	Organic	2-Fluorophenol	n/a	=	41	%	EPA 625.1	-88	-88	17	120	
2021/22-1	ME-SCR	srgt environ	11/19/2021	Organic	2-Fluorophenol	n/a	=	19.6	µg/L	EPA 8270C	-88	-88			
2021/22-1	ME-SCR	srgt environ, rec	11/19/2021	Organic	2-Fluorophenol	n/a	=	49	%	EPA 8270C	-88	-88	11	62	
2021/22-1	ME-SCR	srgt environ	11/22/2021	Organic	2-Fluorophenol	n/a	=	20	µg/L	EPA 625.1	-88	-88			
2021/22-1	ME-SCR	srgt environ, rec	11/22/2021	Organic	2-Fluorophenol	n/a	=	50	%	EPA 625.1	-88	-88	17	120	
2021/22-1	ME-VR2	srgt environ	11/19/2021	Organic	2-Fluorophenol	n/a	=	16.8	µg/L	EPA 8270C	-88	-88			
2021/22-1	ME-VR2	srgt environ, rec	11/19/2021	Organic	2-Fluorophenol	n/a	=	42	%	EPA 8270C	-88	-88	11	62	
2021/22-1	ME-VR2	srgt environ	11/22/2021	Organic	2-Fluorophenol	n/a	=	17.6	µg/L	EPA 625.1	-88	-88			
2021/22-1	ME-VR2	srgt environ, rec	11/22/2021	Organic	2-Fluorophenol	n/a	=	43	%	EPA 625.1	-88	-88	17	120	
2021/22-1	MO-CAM	srgt environ	11/19/2021	Organic	2-Fluorophenol	n/a	=	17.3	µg/L	EPA 8270C	-88	-88			
2021/22-1	MO-CAM	srgt environ, rec	11/19/2021	Organic	2-Fluorophenol	n/a	=	42	%	EPA 8270C	-88	-88	11	62	
2021/22-1	MO-CAM	srgt environ	11/22/2021	Organic	2-Fluorophenol	n/a	=	17.3	µg/L	EPA 625.1	-88	-88			
2021/22-1	MO-CAM	srgt environ, rec	11/22/2021	Organic	2-Fluorophenol	n/a	=	42	%	EPA 625.1	-88	-88	17	120	
2021/22-1	MO-FIL	srgt environ	11/19/2021	Organic	2-Fluorophenol	n/a	=	15.8	µg/L	EPA 8270C	-88	-88			
2021/22-1	MO-FIL	srgt environ, rec	11/19/2021	Organic	2-Fluorophenol	n/a	=	39	%	EPA 8270C	-88	-88	11	62	
2021/22-1	MO-FIL	srgt environ	11/22/2021	Organic	2-Fluorophenol	n/a	=	15.5	µg/L	EPA 625.1	-88	-88			
2021/22-1	MO-FIL	srgt environ, rec	11/22/2021	Organic	2-Fluorophenol	n/a	=	38	%	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	
2021/22-1	MO-HUE	srgt environ	11/20/2021	Organic	2-Fluorophenol	n/a	=	20	µg/L	EPA 8270C	-88	-88			
2021/22-1	MO-HUE	srgt environ, rec	11/20/2021	Organic	2-Fluorophenol	n/a	=	50	%	EPA 8270C	-88	-88	11	62	
2021/22-1	MO-HUE	srgt environ	11/23/2021	Organic	2-Fluorophenol	n/a	=	19.9	µg/L	EPA 625.1	-88	-88			
2021/22-1	MO-HUE	srgt environ, rec	11/23/2021	Organic	2-Fluorophenol	n/a	=	50	%	EPA 625.1	-88	-88	17	120	
2021/22-1	MO-MEI	srgt environ	11/19/2021	Organic	2-Fluorophenol	n/a	=	48	µg/L	EPA 8270C	-88	-88			
2021/22-1	MO-MEI	srgt environ, rec	11/19/2021	Organic	2-Fluorophenol	n/a	=	58	%	EPA 8270C	-88	-88	11	62	
2021/22-1	MO-MEI	srgt environ	11/22/2021	Organic	2-Fluorophenol	n/a	=	47.6	µg/L	EPA 625.1	-88	-88			
2021/22-1	MO-MEI	srgt environ, rec	11/22/2021	Organic	2-Fluorophenol	n/a	=	58	%	EPA 625.1	-88	-88	17	120	
2021/22-1	MO-MPK	srgt environ	11/20/2021	Organic	2-Fluorophenol	n/a	=	8.64	µg/L	EPA 8270C	-88	-88			
2021/22-1	MO-MPK	srgt environ, rec	11/20/2021	Organic	2-Fluorophenol	n/a	=	21	%	EPA 8270C	-88	-88	11	62	
2021/22-1	MO-MPK	srgt environ	11/23/2021	Organic	2-Fluorophenol	n/a	=	8.83	µg/L	EPA 625.1	-88	-88			
2021/22-1	MO-MPK	srgt environ, rec	11/23/2021	Organic	2-Fluorophenol	n/a	=	21	%	EPA 625.1	-88	-88	17	120	
2021/22-1	MO-OJA	srgt environ	11/19/2021	Organic	2-Fluorophenol	n/a	=	18.4	µg/L	EPA 8270C	-88	-88			
2021/22-1	MO-OJA	srgt environ, rec	11/19/2021	Organic	2-Fluorophenol	n/a	=	45	%	EPA 8270C	-88	-88	11	62	
2021/22-1	MO-OJA	srgt environ	11/22/2021	Organic	2-Fluorophenol	n/a	=	18	µg/L	EPA 625.1	-88	-88			
2021/22-1	MO-OJA	srgt environ, rec	11/22/2021	Organic	2-Fluorophenol	n/a	=	44	%	EPA 625.1	-88	-88	17	120	
2021/22-1	MO-OXN	srgt environ	11/20/2021	Organic	2-Fluorophenol	n/a	=	18.4	µg/L	EPA 8270C	-88	-88			
2021/22-1	MO-OXN	srgt environ, rec	11/20/2021	Organic	2-Fluorophenol	n/a	=	46	%	EPA 8270C	-88	-88	11	62	
2021/22-1	MO-OXN	srgt environ	11/23/2021	Organic	2-Fluorophenol	n/a	=	18.7	µg/L	EPA 625.1	-88	-88			
2021/22-1	MO-OXN	srgt environ, rec	11/23/2021	Organic	2-Fluorophenol	n/a	=	47	%	EPA 625.1	-88	-88	17	120	
2021/22-1	MO-SIM	srgt environ	11/19/2021	Organic	2-Fluorophenol	n/a	=	15	µg/L	EPA 8270C	-88	-88			
2021/22-1	MO-SIM	srgt environ, rec	11/19/2021	Organic	2-Fluorophenol	n/a	=	37	%	EPA 8270C	-88	-88	11	62	
2021/22-1	MO-SIM	srgt environ	11/22/2021	Organic	2-Fluorophenol	n/a	=	15.3	µg/L	EPA 625.1	-88	-88			
2021/22-1	MO-SIM	srgt environ, rec	11/22/2021	Organic	2-Fluorophenol	n/a	=	38	%	EPA 625.1	-88	-88	17	120	
2021/22-1	MO-SPA	srgt environ	11/19/2021	Organic	2-Fluorophenol	n/a	=	20	µg/L	EPA 8270C	-88	-88			
2021/22-1	MO-SPA	srgt environ, rec	11/19/2021	Organic	2-Fluorophenol	n/a	=	49	%	EPA 8270C	-88	-88	11	62	
2021/22-1	MO-SPA	srgt environ	11/22/2021	Organic	2-Fluorophenol	n/a	=	20.4	µg/L	EPA 625.1	-88	-88			
2021/22-1	MO-SPA	srgt environ, rec	11/22/2021	Organic	2-Fluorophenol	n/a	=	50	%	EPA 625.1	-88	-88	17	120	
2021/22-1	MO-THO	srgt environ	11/20/2021	Organic	2-Fluorophenol	n/a	=	12.6	µg/L	EPA 8270C	-88	-88			
2021/22-1	MO-THO	srgt environ, rec	11/20/2021	Organic	2-Fluorophenol	n/a	=	31	%	EPA 8270C	-88	-88	11	62	
2021/22-1	MO-THO	srgt environ	11/23/2021	Organic	2-Fluorophenol	n/a	=	12.5	µg/L	EPA 625.1	-88	-88			
2021/22-1	MO-THO	srgt environ, rec	11/23/2021	Organic	2-Fluorophenol	n/a	=	31	%	EPA 625.1	-88	-88	17	120	
2021/22-1	MO-VEN	srgt environ	11/19/2021	Organic	2-Fluorophenol	n/a	=	20	µg/L	EPA 8270C	-88	-88			
2021/22-1	MO-VEN	srgt environ, rec	11/19/2021	Organic	2-Fluorophenol	n/a	=	49	%	EPA 8270C	-88	-88	11	62	
2021/22-1	MO-VEN	srgt environ	11/22/2021	Organic	2-Fluorophenol	n/a	=	19.8	µg/L	EPA 625.1	-88	-88			
2021/22-1	MO-VEN	srgt environ, rec	11/22/2021	Organic	2-Fluorophenol	n/a	=	48	%	EPA 625.1	-88	-88	17	120	
2021/22-1	Lab	method blank	11/17/2021	Organic	2-Methylnaphthalene	n/a	<	0.026	µg/L	EPA 8270C	0.026	0.1			
2021/22-1	Lab	method blank	11/19/2021	Organic	2-Methylphenol	n/a	<	0.34	µg/L	EPA 8270C	0.34	1			
2021/22-1	Lab	method blank	11/19/2021	Organic	2-Nitrophenol	n/a	<	0.71	µg/L	EPA 8270C	0.71	1			
2021/22-1	Lab	LCS	11/19/2021	Organic	2-Nitrophenol	n/a	=	18.8	µg/L	EPA 8270C	0.71	1			
2021/22-1	Lab	LCS, rec	11/19/2021	Organic	2-Nitrophenol	n/a	=	94	%	EPA 8270C	-88	-88	33	103	
2021/22-1	Lab	LCS dup	11/19/2021	Organic	2-Nitrophenol	n/a	=	16.4	µg/L	EPA 8270C	0.71	1			
2021/22-1	Lab	LCS dup, rec	11/19/2021	Organic	2-Nitrophenol	n/a	=	82	%	EPA 8270C	-88	-88	33	103	
2021/22-1	Lab	LCS, RPD	11/19/2021	Organic	2-Nitrophenol	n/a	=	14	%	EPA 8270C	-88	-88	0	30	
2021/22-1	Lab	LCS	11/22/2021	Organic	2-Nitrophenol	n/a	=	22.6	µg/L	EPA 625.1	0.26	1			
2021/22-1	Lab	LCS, rec	11/22/2021	Organic	2-Nitrophenol	n/a	=	113	%	EPA 625.1	-88	-88	45	167	
2021/22-1	Lab	LCS dup	11/22/2021	Organic	2-Nitrophenol	n/a	=	19.1	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	
2021/22-1	Lab	LCS dup, rec	11/22/2021	Organic	2-Nitrophenol	n/a	=	95	%	EPA 625.1	-88	-88	45	167	
2021/22-1	Lab	LCS, RPD	11/22/2021	Organic	2-Nitrophenol	n/a	=	17	%	EPA 625.1	-88	-88	0	30	
2021/22-1	Lab	method blank	11/22/2021	Organic	2-Nitrophenol	n/a	<	0.26	µg/L	EPA 625.1	0.26	1			
2021/22-1	Lab	LCS	11/22/2021	Organic	3,3'-Dichlorobenzidine	n/a	=	24	µg/L	EPA 625.1	2.5	5			
2021/22-1	Lab	LCS, rec	11/22/2021	Organic	3,3'-Dichlorobenzidine	n/a	=	120	%	EPA 625.1	-88	-88	8	213	
2021/22-1	Lab	LCS dup	11/22/2021	Organic	3,3'-Dichlorobenzidine	n/a	=	23.1	µg/L	EPA 625.1	2.5	5			
2021/22-1	Lab	LCS dup, rec	11/22/2021	Organic	3,3'-Dichlorobenzidine	n/a	=	115	%	EPA 625.1	-88	-88	8	213	
2021/22-1	Lab	LCS, RPD	11/22/2021	Organic	3,3'-Dichlorobenzidine	n/a	=	4	%	EPA 625.1	-88	-88	0	30	
2021/22-1	Lab	method blank	11/22/2021	Organic	3,3'-Dichlorobenzidine	n/a	<	2.5	µg/L	EPA 625.1	2.5	5			
2021/22-1	Lab	method blank	11/19/2021	Organic	3-4-Methylphenol	n/a	<	0.3	µg/L	EPA 8270C	0.3	1			
2021/22-1	Lab	method blank	11/19/2021	Organic	4,6-Dinitro-2-methylphenol	n/a	<	0.14	µg/L	EPA 8270C	0.14	1			
2021/22-1	Lab	LCS	11/19/2021	Organic	4,6-Dinitro-2-methylphenol	n/a	=	16.1	µg/L	EPA 8270C	0.14	1			
2021/22-1	Lab	LCS, rec	11/19/2021	Organic	4,6-Dinitro-2-methylphenol	n/a	=	80	%	EPA 8270C	-88	-88	33	118	
2021/22-1	Lab	LCS dup	11/19/2021	Organic	4,6-Dinitro-2-methylphenol	n/a	=	10.6	µg/L	EPA 8270C	0.14	1			IL
2021/22-1	Lab	LCS dup, rec	11/19/2021	Organic	4,6-Dinitro-2-methylphenol	n/a	=	53	%	EPA 8270C	-88	-88	33	118	IL
2021/22-1	Lab	LCS, RPD	11/19/2021	Organic	4,6-Dinitro-2-methylphenol	n/a	=	41	%	EPA 8270C	-88	-88	0	30	IL
2021/22-1	Lab	LCS	11/22/2021	Organic	4,6-Dinitro-2-methylphenol	n/a	=	20.6	µg/L	EPA 625.1	0.5	5			
2021/22-1	Lab	LCS, rec	11/22/2021	Organic	4,6-Dinitro-2-methylphenol	n/a	=	103	%	EPA 625.1	-88	-88	53	130	
2021/22-1	Lab	LCS dup	11/22/2021	Organic	4,6-Dinitro-2-methylphenol	n/a	=	15	µg/L	EPA 625.1	0.5	5			IL
2021/22-1	Lab	LCS dup, rec	11/22/2021	Organic	4,6-Dinitro-2-methylphenol	n/a	=	75	%	EPA 625.1	-88	-88	53	130	IL
2021/22-1	Lab	LCS, RPD	11/22/2021	Organic	4,6-Dinitro-2-methylphenol	n/a	=	32	%	EPA 625.1	-88	-88	0	30	IL
2021/22-1	Lab	method blank	11/22/2021	Organic	4,6-Dinitro-2-methylphenol	n/a	<	0.5	µg/L	EPA 625.1	0.5	5			
2021/22-1	Lab	srgt LCS	10/27/2021	Organic	4-Bromofluorobenzene	n/a	=	53	µg/L	EPA 624.1	-88	-88			
2021/22-1	Lab	srgt LCS, rec	10/27/2021	Organic	4-Bromofluorobenzene	n/a	=	106	%	EPA 624.1	-88	-88	88	108	
2021/22-1	Lab	srgt LCS dup	10/27/2021	Organic	4-Bromofluorobenzene	n/a	=	53.4	µg/L	EPA 624.1	-88	-88			
2021/22-1	Lab	srgt LCS dup, rec	10/27/2021	Organic	4-Bromofluorobenzene	n/a	=	107	%	EPA 624.1	-88	-88	88	108	
2021/22-1	Lab	srgt method blank	10/27/2021	Organic	4-Bromofluorobenzene	n/a	=	46	µg/L	EPA 624.1	-88	-88			
2021/22-1	Lab	srgt method blank, rec	10/27/2021	Organic	4-Bromofluorobenzene	n/a	=	92	%	EPA 624.1	-88	-88	88	108	
2021/22-1	Lab	srgt LCS	10/28/2021	Organic	4-Bromofluorobenzene	n/a	=	52.9	µg/L	EPA 624.1	-88	-88			
2021/22-1	Lab	srgt LCS, rec	10/28/2021	Organic	4-Bromofluorobenzene	n/a	=	106	%	EPA 624.1	-88	-88	88	108	
2021/22-1	Lab	srgt LCS dup	10/28/2021	Organic	4-Bromofluorobenzene	n/a	=	52.9	µg/L	EPA 624.1	-88	-88			
2021/22-1	Lab	srgt LCS dup, rec	10/28/2021	Organic	4-Bromofluorobenzene	n/a	=	106	%	EPA 624.1	-88	-88	88	108	
2021/22-1	Lab	srgt method blank	10/28/2021	Organic	4-Bromofluorobenzene	n/a	=	45.7	µg/L	EPA 624.1	-88	-88			
2021/22-1	Lab	srgt method blank, rec	10/28/2021	Organic	4-Bromofluorobenzene	n/a	=	91	%	EPA 624.1	-88	-88	88	108	
2021/22-1	Lab	srgt LCS	10/29/2021	Organic	4-Bromofluorobenzene	n/a	=	50.5	µg/L	EPA 8260B	-88	-88			
2021/22-1	Lab	srgt LCS, rec	10/29/2021	Organic	4-Bromofluorobenzene	n/a	=	101	%	EPA 8260B	-88	-88	83	110	
2021/22-1	Lab	srgt LCS dup	10/29/2021	Organic	4-Bromofluorobenzene	n/a	=	50	µg/L	EPA 8260B	-88	-88			
2021/22-1	Lab	srgt LCS dup, rec	10/29/2021	Organic	4-Bromofluorobenzene	n/a	=	100	%	EPA 8260B	-88	-88	83	110	
2021/22-1	Lab	srgt method blank	10/29/2021	Organic	4-Bromofluorobenzene	n/a	=	48.3	µg/L	EPA 8260B	-88	-88			
2021/22-1	Lab	srgt method blank, rec	10/29/2021	Organic	4-Bromofluorobenzene	n/a	=	97	%	EPA 8260B	-88	-88	83	110	
2021/22-1	Lab	srgt LCS	10/29/2021	Organic	4-Bromofluorobenzene	n/a	=	52.8	µg/L	EPA 624.1	-88	-88			
2021/22-1	Lab	srgt LCS, rec	10/29/2021	Organic	4-Bromofluorobenzene	n/a	=	106	%	EPA 624.1	-88	-88	88	108	
2021/22-1	Lab	srgt LCS dup	10/29/2021	Organic	4-Bromofluorobenzene	n/a	=	52.4	µg/L	EPA 624.1	-88	-88			
2021/22-1	Lab	srgt LCS dup, rec	10/29/2021	Organic	4-Bromofluorobenzene	n/a	=	105	%	EPA 624.1	-88	-88	88	108	
2021/22-1	Lab	srgt method blank	10/29/2021	Organic	4-Bromofluorobenzene	n/a	=	45.2	µg/L	EPA 624.1	-88	-88			
2021/22-1	Lab	srgt method blank, rec	10/29/2021	Organic	4-Bromofluorobenzene	n/a	=	90	%	EPA 624.1	-88	-88	88	108	
2021/22-1	Lab	srgt LCS	10/31/2021	Organic	4-Bromofluorobenzene	n/a	=	51.1	µg/L	EPA 8260B	-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	
2021/22-1	Lab	srgt LCS, rec	10/31/2021	Organic	4-Bromofluorobenzene	n/a	=	102	%	EPA 8260B	-88	-88	83	110	
2021/22-1	Lab	srgt LCS dup	10/31/2021	Organic	4-Bromofluorobenzene	n/a	=	50.4	µg/L	EPA 8260B	-88	-88			
2021/22-1	Lab	srgt LCS dup, rec	10/31/2021	Organic	4-Bromofluorobenzene	n/a	=	101	%	EPA 8260B	-88	-88	83	110	
2021/22-1	Lab	srgt method blank	10/31/2021	Organic	4-Bromofluorobenzene	n/a	=	49.4	µg/L	EPA 8260B	-88	-88			
2021/22-1	Lab	srgt method blank, rec	10/31/2021	Organic	4-Bromofluorobenzene	n/a	=	99	%	EPA 8260B	-88	-88	83	110	
2021/22-1	ME-CC	srgt environ	10/27/2021	Organic	4-Bromofluorobenzene	n/a	=	46.6	µg/L	EPA 624.1	-88	-88			
2021/22-1	ME-CC	srgt environ, rec	10/27/2021	Organic	4-Bromofluorobenzene	n/a	=	93	%	EPA 624.1	-88	-88	88	108	
2021/22-1	ME-CC	srgt environ	10/31/2021	Organic	4-Bromofluorobenzene	n/a	=	49.8	µg/L	EPA 8260B	-88	-88			
2021/22-1	ME-CC	srgt environ, rec	10/31/2021	Organic	4-Bromofluorobenzene	n/a	=	100	%	EPA 8260B	-88	-88	83	110	
2021/22-1	ME-SCR	srgt environ	10/28/2021	Organic	4-Bromofluorobenzene	n/a	=	45.6	µg/L	EPA 624.1	-88	-88			
2021/22-1	ME-SCR	srgt environ, rec	10/28/2021	Organic	4-Bromofluorobenzene	n/a	=	91	%	EPA 624.1	-88	-88	88	108	
2021/22-1	ME-SCR	srgt environ	10/29/2021	Organic	4-Bromofluorobenzene	n/a	=	47.6	µg/L	EPA 8260B	-88	-88			
2021/22-1	ME-SCR	srgt environ, rec	10/29/2021	Organic	4-Bromofluorobenzene	n/a	=	95	%	EPA 8260B	-88	-88	83	110	
2021/22-1	ME-VR2	srgt environ	10/29/2021	Organic	4-Bromofluorobenzene	n/a	=	48.8	µg/L	EPA 8260B	-88	-88			
2021/22-1	ME-VR2	srgt environ, rec	10/29/2021	Organic	4-Bromofluorobenzene	n/a	=	98	%	EPA 8260B	-88	-88	83	110	
2021/22-1	ME-VR2	srgt environ	10/29/2021	Organic	4-Bromofluorobenzene	n/a	=	45.1	µg/L	EPA 624.1	-88	-88			
2021/22-1	ME-VR2	srgt environ, rec	10/29/2021	Organic	4-Bromofluorobenzene	n/a	=	90	%	EPA 624.1	-88	-88	88	108	
2021/22-1	MO-CAM	srgt environ	10/27/2021	Organic	4-Bromofluorobenzene	n/a	=	46.2	µg/L	EPA 624.1	-88	-88			
2021/22-1	MO-CAM	srgt environ, rec	10/27/2021	Organic	4-Bromofluorobenzene	n/a	=	92	%	EPA 624.1	-88	-88	88	108	
2021/22-1	MO-CAM	srgt environ	10/31/2021	Organic	4-Bromofluorobenzene	n/a	=	49.1	µg/L	EPA 8260B	-88	-88			
2021/22-1	MO-CAM	srgt environ, rec	10/31/2021	Organic	4-Bromofluorobenzene	n/a	=	98	%	EPA 8260B	-88	-88	83	110	
2021/22-1	MO-FIL	srgt environ	10/29/2021	Organic	4-Bromofluorobenzene	n/a	=	48.4	µg/L	EPA 8260B	-88	-88			
2021/22-1	MO-FIL	srgt environ, rec	10/29/2021	Organic	4-Bromofluorobenzene	n/a	=	97	%	EPA 8260B	-88	-88	83	110	
2021/22-1	MO-FIL	srgt environ	10/29/2021	Organic	4-Bromofluorobenzene	n/a	=	44.3	µg/L	EPA 624.1	-88	-88			
2021/22-1	MO-FIL	srgt environ, rec	10/29/2021	Organic	4-Bromofluorobenzene	n/a	=	89	%	EPA 624.1	-88	-88	88	108	
2021/22-1	MO-HUE	srgt environ	10/28/2021	Organic	4-Bromofluorobenzene	n/a	=	44.3	µg/L	EPA 624.1	-88	-88			
2021/22-1	MO-HUE	srgt environ, rec	10/28/2021	Organic	4-Bromofluorobenzene	n/a	=	89	%	EPA 624.1	-88	-88	88	108	
2021/22-1	MO-HUE	srgt environ	10/29/2021	Organic	4-Bromofluorobenzene	n/a	=	48.9	µg/L	EPA 8260B	-88	-88			
2021/22-1	MO-HUE	srgt environ, rec	10/29/2021	Organic	4-Bromofluorobenzene	n/a	=	98	%	EPA 8260B	-88	-88	83	110	
2021/22-1	MO-MEI	srgt environ	10/29/2021	Organic	4-Bromofluorobenzene	n/a	=	48.6	µg/L	EPA 8260B	-88	-88			
2021/22-1	MO-MEI	srgt environ, rec	10/29/2021	Organic	4-Bromofluorobenzene	n/a	=	97	%	EPA 8260B	-88	-88	83	110	
2021/22-1	MO-MEI	srgt environ	10/29/2021	Organic	4-Bromofluorobenzene	n/a	=	44.2	µg/L	EPA 624.1	-88	-88			
2021/22-1	MO-MEI	srgt environ, rec	10/29/2021	Organic	4-Bromofluorobenzene	n/a	=	88	%	EPA 624.1	-88	-88	88	108	
2021/22-1	MO-MPK	srgt environ	10/28/2021	Organic	4-Bromofluorobenzene	n/a	=	45.1	µg/L	EPA 624.1	-88	-88			
2021/22-1	MO-MPK	srgt environ, rec	10/28/2021	Organic	4-Bromofluorobenzene	n/a	=	90	%	EPA 624.1	-88	-88	88	108	
2021/22-1	MO-MPK	srgt environ	10/31/2021	Organic	4-Bromofluorobenzene	n/a	=	49.2	µg/L	EPA 8260B	-88	-88			
2021/22-1	MO-MPK	srgt environ, rec	10/31/2021	Organic	4-Bromofluorobenzene	n/a	=	98	%	EPA 8260B	-88	-88	83	110	
2021/22-1	MO-OJA	srgt field blank	10/28/2021	Organic	4-Bromofluorobenzene	n/a	=	44.2	µg/L	EPA 624.1	-88	-88			
2021/22-1	MO-OJA	srgt field blank, rec	10/28/2021	Organic	4-Bromofluorobenzene	n/a	=	88	%	EPA 624.1	-88	-88	88	108	
2021/22-1	MO-OJA	srgt field blank	10/29/2021	Organic	4-Bromofluorobenzene	n/a	=	48.7	µg/L	EPA 8260B	-88	-88			
2021/22-1	MO-OJA	srgt field blank, rec	10/29/2021	Organic	4-Bromofluorobenzene	n/a	=	97	%	EPA 8260B	-88	-88	83	110	
2021/22-1	MO-OJA	srgt environ	10/29/2021	Organic	4-Bromofluorobenzene	n/a	=	49	µg/L	EPA 8260B	-88	-88			
2021/22-1	MO-OJA	srgt environ, rec	10/29/2021	Organic	4-Bromofluorobenzene	n/a	=	98	%	EPA 8260B	-88	-88	83	110	
2021/22-1	MO-OJA	srgt environ	10/29/2021	Organic	4-Bromofluorobenzene	n/a	=	45.3	µg/L	EPA 624.1	-88	-88			
2021/22-1	MO-OJA	srgt environ, rec	10/29/2021	Organic	4-Bromofluorobenzene	n/a	=	91	%	EPA 624.1	-88	-88	88	108	
2021/22-1	MO-OXN	srgt environ	10/29/2021	Organic	4-Bromofluorobenzene	n/a	=	49.2	µg/L	EPA 8260B	-88	-88			
2021/22-1	MO-OXN	srgt environ, rec	10/29/2021	Organic	4-Bromofluorobenzene	n/a	=	98	%	EPA 8260B	-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	
2021/22-1	MO-OXN	srgt environ	10/29/2021	Organic	4-Bromofluorobenzene	n/a	=	46	µg/L	EPA 624.1	-88	-88			
2021/22-1	MO-OXN	srgt environ, rec	10/29/2021	Organic	4-Bromofluorobenzene	n/a	=	92	%	EPA 624.1	-88	-88	88	108	
2021/22-1	MO-SIM	srgt environ	10/27/2021	Organic	4-Bromofluorobenzene	n/a	=	45	µg/L	EPA 624.1	-88	-88			
2021/22-1	MO-SIM	srgt environ, rec	10/27/2021	Organic	4-Bromofluorobenzene	n/a	=	90	%	EPA 624.1	-88	-88	88	108	
2021/22-1	MO-SIM	srgt environ	10/31/2021	Organic	4-Bromofluorobenzene	n/a	=	48.9	µg/L	EPA 8260B	-88	-88			
2021/22-1	MO-SIM	srgt environ, rec	10/31/2021	Organic	4-Bromofluorobenzene	n/a	=	98	%	EPA 8260B	-88	-88	83	110	
2021/22-1	MO-SPA	srgt environ	10/29/2021	Organic	4-Bromofluorobenzene	n/a	=	48.8	µg/L	EPA 8260B	-88	-88			
2021/22-1	MO-SPA	srgt environ, rec	10/29/2021	Organic	4-Bromofluorobenzene	n/a	=	98	%	EPA 8260B	-88	-88	83	110	
2021/22-1	MO-SPA	srgt environ	10/29/2021	Organic	4-Bromofluorobenzene	n/a	=	45.5	µg/L	EPA 624.1	-88	-88			
2021/22-1	MO-SPA	srgt environ, rec	10/29/2021	Organic	4-Bromofluorobenzene	n/a	=	91	%	EPA 624.1	-88	-88	88	108	
2021/22-1	MO-SPA	srgt environ	10/29/2021	Organic	4-Bromofluorobenzene	n/a	=	48.5	µg/L	EPA 8260B	-88	-88			
2021/22-1	MO-SPA	srgt environ, rec	10/29/2021	Organic	4-Bromofluorobenzene	n/a	=	97	%	EPA 8260B	-88	-88	83	110	
2021/22-1	MO-SPA	srgt environ	10/29/2021	Organic	4-Bromofluorobenzene	n/a	=	45.4	µg/L	EPA 624.1	-88	-88			
2021/22-1	MO-SPA	srgt environ, rec	10/29/2021	Organic	4-Bromofluorobenzene	n/a	=	91	%	EPA 624.1	-88	-88	88	108	
2021/22-1	MO-THO	srgt environ	10/28/2021	Organic	4-Bromofluorobenzene	n/a	=	44.9	µg/L	EPA 624.1	-88	-88			
2021/22-1	MO-THO	srgt environ, rec	10/28/2021	Organic	4-Bromofluorobenzene	n/a	=	90	%	EPA 624.1	-88	-88	88	108	
2021/22-1	MO-THO	srgt environ	10/31/2021	Organic	4-Bromofluorobenzene	n/a	=	48.7	µg/L	EPA 8260B	-88	-88			
2021/22-1	MO-THO	srgt environ, rec	10/31/2021	Organic	4-Bromofluorobenzene	n/a	=	97	%	EPA 8260B	-88	-88	83	110	
2021/22-1	MO-VEN	srgt environ	10/29/2021	Organic	4-Bromofluorobenzene	n/a	=	49.2	µg/L	EPA 8260B	-88	-88			
2021/22-1	MO-VEN	srgt environ, rec	10/29/2021	Organic	4-Bromofluorobenzene	n/a	=	98	%	EPA 8260B	-88	-88	83	110	
2021/22-1	MO-VEN	srgt environ	10/29/2021	Organic	4-Bromofluorobenzene	n/a	=	45.3	µg/L	EPA 624.1	-88	-88			
2021/22-1	MO-VEN	srgt environ, rec	10/29/2021	Organic	4-Bromofluorobenzene	n/a	=	91	%	EPA 624.1	-88	-88	88	108	
2021/22-1	Lab	LCS	11/22/2021	Organic	4-Bromophenyl phenyl ether	n/a	=	17.1	µg/L	EPA 625.1	0.36	1			
2021/22-1	Lab	LCS, rec	11/22/2021	Organic	4-Bromophenyl phenyl ether	n/a	=	85	%	EPA 625.1	-88	-88	65	120	
2021/22-1	Lab	LCS dup	11/22/2021	Organic	4-Bromophenyl phenyl ether	n/a	=	15.2	µg/L	EPA 625.1	0.36	1			
2021/22-1	Lab	LCS dup, rec	11/22/2021	Organic	4-Bromophenyl phenyl ether	n/a	=	76	%	EPA 625.1	-88	-88	65	120	
2021/22-1	Lab	LCS, RPD	11/22/2021	Organic	4-Bromophenyl phenyl ether	n/a	=	11	%	EPA 625.1	-88	-88	0	30	
2021/22-1	Lab	method blank	11/22/2021	Organic	4-Bromophenyl phenyl ether	n/a	<	0.36	µg/L	EPA 625.1	0.36	1			
2021/22-1	Lab	method blank	11/19/2021	Organic	4-Chloro-3-methylphenol	n/a	<	0.37	µg/L	EPA 8270C	0.37	1			
2021/22-1	Lab	LCS	11/19/2021	Organic	4-Chloro-3-methylphenol	n/a	=	15.7	µg/L	EPA 8270C	0.37	1			
2021/22-1	Lab	LCS, rec	11/19/2021	Organic	4-Chloro-3-methylphenol	n/a	=	79	%	EPA 8270C	-88	-88	29	108	
2021/22-1	Lab	LCS dup	11/19/2021	Organic	4-Chloro-3-methylphenol	n/a	=	13.7	µg/L	EPA 8270C	0.37	1			
2021/22-1	Lab	LCS dup, rec	11/19/2021	Organic	4-Chloro-3-methylphenol	n/a	=	69	%	EPA 8270C	-88	-88	29	108	
2021/22-1	Lab	LCS, RPD	11/19/2021	Organic	4-Chloro-3-methylphenol	n/a	=	14	%	EPA 8270C	-88	-88	0	30	
2021/22-1	Lab	LCS	11/22/2021	Organic	4-Chloro-3-methylphenol	n/a	=	18.3	µg/L	EPA 625.1	0.23	1			
2021/22-1	Lab	LCS, rec	11/22/2021	Organic	4-Chloro-3-methylphenol	n/a	=	91	%	EPA 625.1	-88	-88	41	128	
2021/22-1	Lab	LCS dup	11/22/2021	Organic	4-Chloro-3-methylphenol	n/a	=	16.6	µg/L	EPA 625.1	0.23	1			
2021/22-1	Lab	LCS dup, rec	11/22/2021	Organic	4-Chloro-3-methylphenol	n/a	=	83	%	EPA 625.1	-88	-88	41	128	
2021/22-1	Lab	LCS, RPD	11/22/2021	Organic	4-Chloro-3-methylphenol	n/a	=	10	%	EPA 625.1	-88	-88	0	30	
2021/22-1	Lab	method blank	11/22/2021	Organic	4-Chloro-3-methylphenol	n/a	<	0.23	µg/L	EPA 625.1	0.23	1			
2021/22-1	Lab	LCS	11/22/2021	Organic	4-Chlorophenyl phenyl ether	n/a	=	15.9	µg/L	EPA 625.1	0.41	1			
2021/22-1	Lab	LCS, rec	11/22/2021	Organic	4-Chlorophenyl phenyl ether	n/a	=	79	%	EPA 625.1	-88	-88	38	145	
2021/22-1	Lab	LCS dup	11/22/2021	Organic	4-Chlorophenyl phenyl ether	n/a	=	14.2	µg/L	EPA 625.1	0.41	1			
2021/22-1	Lab	LCS dup, rec	11/22/2021	Organic	4-Chlorophenyl phenyl ether	n/a	=	71	%	EPA 625.1	-88	-88	38	145	
2021/22-1	Lab	LCS, RPD	11/22/2021	Organic	4-Chlorophenyl phenyl ether	n/a	=	11	%	EPA 625.1	-88	-88	0	30	
2021/22-1	Lab	method blank	11/22/2021	Organic	4-Chlorophenyl phenyl ether	n/a	<	0.41	µg/L	EPA 625.1	0.41	1			
2021/22-1	Lab	method blank	11/19/2021	Organic	4-Nitrophenol	n/a	<	1	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	
2021/22-1	Lab	LCS	11/19/2021	Organic	4-Nitrophenol	n/a	=	6.33	µg/L	EPA 8270C	1	2			
2021/22-1	Lab	LCS, rec	11/19/2021	Organic	4-Nitrophenol	n/a	=	32	%	EPA 8270C	-88	-88	6	46	
2021/22-1	Lab	LCS dup	11/19/2021	Organic	4-Nitrophenol	n/a	=	4.59	µg/L	EPA 8270C	1	2			IL
2021/22-1	Lab	LCS dup, rec	11/19/2021	Organic	4-Nitrophenol	n/a	=	23	%	EPA 8270C	-88	-88	6	46	IL
2021/22-1	Lab	LCS, RPD	11/19/2021	Organic	4-Nitrophenol	n/a	=	32	%	EPA 8270C	-88	-88	0	30	IL
2021/22-1	Lab	LCS	11/22/2021	Organic	4-Nitrophenol	n/a	=	8.26	µg/L	EPA 625.1	1.2	5			
2021/22-1	Lab	LCS, rec	11/22/2021	Organic	4-Nitrophenol	n/a	=	41	%	EPA 625.1	-88	-88	13	129	
2021/22-1	Lab	LCS dup	11/22/2021	Organic	4-Nitrophenol	n/a	=	6.57	µg/L	EPA 625.1	1.2	5			
2021/22-1	Lab	LCS dup, rec	11/22/2021	Organic	4-Nitrophenol	n/a	=	33	%	EPA 625.1	-88	-88	13	129	
2021/22-1	Lab	LCS, RPD	11/22/2021	Organic	4-Nitrophenol	n/a	=	23	%	EPA 625.1	-88	-88	0	30	
2021/22-1	Lab	method blank	11/22/2021	Organic	4-Nitrophenol	n/a	<	1.2	µg/L	EPA 625.1	1.2	5			
2021/22-1	Lab	method blank	11/17/2021	Organic	Acenaphthene	n/a	<	0.028	µg/L	EPA 8270C	0.028	0.1			
2021/22-1	Lab	LCS	11/17/2021	Organic	Acenaphthene	n/a	=	16.8	µg/L	EPA 8270C	0.028	0.1			
2021/22-1	Lab	LCS, rec	11/17/2021	Organic	Acenaphthene	n/a	=	84	%	EPA 8270C	-88	-88	11	122	
2021/22-1	Lab	LCS dup	11/17/2021	Organic	Acenaphthene	n/a	=	15.1	µg/L	EPA 8270C	0.028	0.1			
2021/22-1	Lab	LCS dup, rec	11/17/2021	Organic	Acenaphthene	n/a	=	76	%	EPA 8270C	-88	-88	11	122	
2021/22-1	Lab	LCS, RPD	11/17/2021	Organic	Acenaphthene	n/a	=	11	%	EPA 8270C	-88	-88	0	30	
2021/22-1	Lab	LCS	11/22/2021	Organic	Acenaphthene	n/a	=	16.3	µg/L	EPA 625.1	0.38	1			
2021/22-1	Lab	LCS, rec	11/22/2021	Organic	Acenaphthene	n/a	=	82	%	EPA 625.1	-88	-88	60	132	
2021/22-1	Lab	LCS dup	11/22/2021	Organic	Acenaphthene	n/a	=	14.9	µg/L	EPA 625.1	0.38	1			
2021/22-1	Lab	LCS dup, rec	11/22/2021	Organic	Acenaphthene	n/a	=	75	%	EPA 625.1	-88	-88	60	132	
2021/22-1	Lab	LCS, RPD	11/22/2021	Organic	Acenaphthene	n/a	=	9	%	EPA 625.1	-88	-88	0	30	
2021/22-1	Lab	method blank	11/22/2021	Organic	Acenaphthene	n/a	<	0.38	µg/L	EPA 625.1	0.38	1			
2021/22-1	Lab	method blank	11/17/2021	Organic	Acenaphthylene	n/a	<	0.033	µg/L	EPA 8270C	0.033	0.1			
2021/22-1	Lab	LCS	11/17/2021	Organic	Acenaphthylene	n/a	=	19.3	µg/L	EPA 8270C	0.033	0.1			
2021/22-1	Lab	LCS, rec	11/17/2021	Organic	Acenaphthylene	n/a	=	97	%	EPA 8270C	-88	-88	4	135	
2021/22-1	Lab	LCS dup	11/17/2021	Organic	Acenaphthylene	n/a	=	17.3	µg/L	EPA 8270C	0.033	0.1			
2021/22-1	Lab	LCS dup, rec	11/17/2021	Organic	Acenaphthylene	n/a	=	87	%	EPA 8270C	-88	-88	4	135	
2021/22-1	Lab	LCS, RPD	11/17/2021	Organic	Acenaphthylene	n/a	=	11	%	EPA 8270C	-88	-88	0	30	
2021/22-1	Lab	LCS	11/22/2021	Organic	Acenaphthylene	n/a	=	16.4	µg/L	EPA 625.1	0.35	1			
2021/22-1	Lab	LCS, rec	11/22/2021	Organic	Acenaphthylene	n/a	=	82	%	EPA 625.1	-88	-88	54	126	
2021/22-1	Lab	LCS dup	11/22/2021	Organic	Acenaphthylene	n/a	=	15.5	µg/L	EPA 625.1	0.35	1			
2021/22-1	Lab	LCS dup, rec	11/22/2021	Organic	Acenaphthylene	n/a	=	78	%	EPA 625.1	-88	-88	54	126	
2021/22-1	Lab	LCS, RPD	11/22/2021	Organic	Acenaphthylene	n/a	=	6	%	EPA 625.1	-88	-88	0	30	
2021/22-1	Lab	method blank	11/22/2021	Organic	Acenaphthylene	n/a	<	0.35	µg/L	EPA 625.1	0.35	1			
2021/22-1	Lab	method blank	11/17/2021	Organic	Anthracene	n/a	<	0.025	µg/L	EPA 8270C	0.025	0.1			
2021/22-1	Lab	LCS	11/17/2021	Organic	Anthracene	n/a	=	18.8	µg/L	EPA 8270C	0.025	0.1			
2021/22-1	Lab	LCS, rec	11/17/2021	Organic	Anthracene	n/a	=	94	%	EPA 8270C	-88	-88	22	127	
2021/22-1	Lab	LCS dup	11/17/2021	Organic	Anthracene	n/a	=	16.8	µg/L	EPA 8270C	0.025	0.1			
2021/22-1	Lab	LCS dup, rec	11/17/2021	Organic	Anthracene	n/a	=	84	%	EPA 8270C	-88	-88	22	127	
2021/22-1	Lab	LCS, RPD	11/17/2021	Organic	Anthracene	n/a	=	11	%	EPA 8270C	-88	-88	0	30	
2021/22-1	Lab	LCS	11/22/2021	Organic	Anthracene	n/a	=	17	µg/L	EPA 625.1	0.41	1			
2021/22-1	Lab	LCS, rec	11/22/2021	Organic	Anthracene	n/a	=	85	%	EPA 625.1	-88	-88	43	120	
2021/22-1	Lab	LCS dup	11/22/2021	Organic	Anthracene	n/a	=	15.8	µg/L	EPA 625.1	0.41	1			
2021/22-1	Lab	LCS dup, rec	11/22/2021	Organic	Anthracene	n/a	=	79	%	EPA 625.1	-88	-88	43	120	
2021/22-1	Lab	LCS, RPD	11/22/2021	Organic	Anthracene	n/a	=	7	%	EPA 625.1	-88	-88	0	30	
2021/22-1	Lab	method blank	11/22/2021	Organic	Anthracene	n/a	<	0.41	µg/L	EPA 625.1	0.41	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	
2021/22-1	Lab	method blank	11/17/2021	Organic	Benz(a)anthracene	n/a	<	0.051	µg/L	EPA 8270C	0.051	0.1			
2021/22-1	Lab	LCS	11/17/2021	Organic	Benz(a)anthracene	n/a	=	24.1	µg/L	EPA 8270C	0.051	0.1			
2021/22-1	Lab	LCS, rec	11/17/2021	Organic	Benz(a)anthracene	n/a	=	120	%	EPA 8270C	-88	-88	17	131	
2021/22-1	Lab	LCS dup	11/17/2021	Organic	Benz(a)anthracene	n/a	=	21.1	µg/L	EPA 8270C	0.051	0.1			
2021/22-1	Lab	LCS dup, rec	11/17/2021	Organic	Benz(a)anthracene	n/a	=	106	%	EPA 8270C	-88	-88	17	131	
2021/22-1	Lab	LCS, RPD	11/17/2021	Organic	Benz(a)anthracene	n/a	=	13	%	EPA 8270C	-88	-88	0	30	
2021/22-1	Lab	LCS	11/22/2021	Organic	Benz(a)anthracene	n/a	=	20.8	µg/L	EPA 625.1	0.19	1			
2021/22-1	Lab	LCS, rec	11/22/2021	Organic	Benz(a)anthracene	n/a	=	104	%	EPA 625.1	-88	-88	42	133	
2021/22-1	Lab	LCS dup	11/22/2021	Organic	Benz(a)anthracene	n/a	=	19.8	µg/L	EPA 625.1	0.19	1			
2021/22-1	Lab	LCS dup, rec	11/22/2021	Organic	Benz(a)anthracene	n/a	=	99	%	EPA 625.1	-88	-88	42	133	
2021/22-1	Lab	LCS, RPD	11/22/2021	Organic	Benz(a)anthracene	n/a	=	5	%	EPA 625.1	-88	-88	0	30	
2021/22-1	Lab	method blank	11/22/2021	Organic	Benz(a)anthracene	n/a	<	0.19	µg/L	EPA 625.1	0.19	1			
2021/22-1	Lab	method blank	11/22/2021	Organic	Benzidine	n/a	<	3.2	µg/L	EPA 625.1	3.2	10			
2021/22-1	Lab	method blank	11/9/2021	Organic	Benzo(a)pyrene	n/a	<	0.02	µg/L	EPA 525.2	0.02	0.1			
2021/22-1	Lab	LCS dup	11/9/2021	Organic	Benzo(a)pyrene	n/a	=	5.62	µg/L	EPA 525.2	0.02	0.1			
2021/22-1	Lab	LCS dup, rec	11/9/2021	Organic	Benzo(a)pyrene	n/a	=	112	%	EPA 525.2	-88	-88	60	130	
2021/22-1	Lab	LCS, RPD	11/9/2021	Organic	Benzo(a)pyrene	n/a	=	0.7	%	EPA 525.2	-88	-88	0	30	
2021/22-1	Lab	LCS	11/9/2021	Organic	Benzo(a)pyrene	n/a	=	5.66	µg/L	EPA 525.2	0.02	0.1			
2021/22-1	Lab	LCS, rec	11/9/2021	Organic	Benzo(a)pyrene	n/a	=	113	%	EPA 525.2	-88	-88	60	130	
2021/22-1	Lab	method blank	11/15/2021	Organic	Benzo(a)pyrene	n/a	<	0.02	µg/L	EPA 525.2	0.02	0.1			
2021/22-1	Lab	LCS	11/15/2021	Organic	Benzo(a)pyrene	n/a	=	5.64	µg/L	EPA 525.2	0.02	0.1			
2021/22-1	Lab	LCS, rec	11/15/2021	Organic	Benzo(a)pyrene	n/a	=	113	%	EPA 525.2	-88	-88	60	130	
2021/22-1	Lab	LCS dup	11/15/2021	Organic	Benzo(a)pyrene	n/a	=	5.57	µg/L	EPA 525.2	0.02	0.1			
2021/22-1	Lab	LCS dup, rec	11/15/2021	Organic	Benzo(a)pyrene	n/a	=	111	%	EPA 525.2	-88	-88	60	130	
2021/22-1	Lab	LCS, RPD	11/15/2021	Organic	Benzo(a)pyrene	n/a	=	1	%	EPA 525.2	-88	-88	0	30	
2021/22-1	Lab	method blank	11/17/2021	Organic	Benzo(a)pyrene	n/a	<	0.051	µg/L	EPA 8270C	0.051	0.1			
2021/22-1	Lab	LCS	11/17/2021	Organic	Benzo(a)pyrene	n/a	=	13.6	µg/L	EPA 8270C	0.051	0.1			
2021/22-1	Lab	LCS, rec	11/17/2021	Organic	Benzo(a)pyrene	n/a	=	68	%	EPA 8270C	-88	-88	12	131	
2021/22-1	Lab	LCS dup	11/17/2021	Organic	Benzo(a)pyrene	n/a	=	12.7	µg/L	EPA 8270C	0.051	0.1			
2021/22-1	Lab	LCS dup, rec	11/17/2021	Organic	Benzo(a)pyrene	n/a	=	63	%	EPA 8270C	-88	-88	12	131	
2021/22-1	Lab	LCS, RPD	11/17/2021	Organic	Benzo(a)pyrene	n/a	=	7	%	EPA 8270C	-88	-88	0	30	
2021/22-1	Lab	method blank	11/18/2021	Organic	Benzo(a)pyrene	n/a	<	0.02	µg/L	EPA 525.2	0.02	0.1			
2021/22-1	Lab	LCS dup	11/18/2021	Organic	Benzo(a)pyrene	n/a	=	5.31	µg/L	EPA 525.2	0.02	0.1			
2021/22-1	Lab	LCS dup, rec	11/18/2021	Organic	Benzo(a)pyrene	n/a	=	106	%	EPA 525.2	-88	-88	60	130	
2021/22-1	Lab	LCS, RPD	11/18/2021	Organic	Benzo(a)pyrene	n/a	=	0.8	%	EPA 525.2	-88	-88	0	30	
2021/22-1	Lab	LCS	11/18/2021	Organic	Benzo(a)pyrene	n/a	=	5.27	µg/L	EPA 525.2	0.02	0.1			
2021/22-1	Lab	LCS, rec	11/18/2021	Organic	Benzo(a)pyrene	n/a	=	105	%	EPA 525.2	-88	-88	60	130	
2021/22-1	Lab	LCS	11/22/2021	Organic	Benzo(a)pyrene	n/a	=	25.5	µg/L	EPA 625.1	0.39	1			
2021/22-1	Lab	LCS, rec	11/22/2021	Organic	Benzo(a)pyrene	n/a	=	127	%	EPA 625.1	-88	-88	32	148	
2021/22-1	Lab	LCS dup	11/22/2021	Organic	Benzo(a)pyrene	n/a	=	23.7	µg/L	EPA 625.1	0.39	1			
2021/22-1	Lab	LCS dup, rec	11/22/2021	Organic	Benzo(a)pyrene	n/a	=	119	%	EPA 625.1	-88	-88	32	148	
2021/22-1	Lab	LCS, RPD	11/22/2021	Organic	Benzo(a)pyrene	n/a	=	7	%	EPA 625.1	-88	-88	0	30	
2021/22-1	Lab	method blank	11/22/2021	Organic	Benzo(a)pyrene	n/a	<	0.39	µg/L	EPA 625.1	0.39	1			
2021/22-1	Lab	method blank	11/17/2021	Organic	Benzo(b)fluoranthene	n/a	<	0.074	µg/L	EPA 8270C	0.074	0.1			
2021/22-1	Lab	LCS	11/17/2021	Organic	Benzo(b)fluoranthene	n/a	=	22.4	µg/L	EPA 8270C	0.074	0.1			AN-IP
2021/22-1	Lab	LCS, rec	11/17/2021	Organic	Benzo(b)fluoranthene	n/a	=	112	%	EPA 8270C	-88	-88	19	129	AN-IP
2021/22-1	Lab	LCS dup	11/17/2021	Organic	Benzo(b)fluoranthene	n/a	=	20.4	µg/L	EPA 8270C	0.074	0.1			AN-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	
2021/22-1	Lab	LCS dup, rec	11/17/2021	Organic	Benzo(b)fluoranthene	n/a	=	102	%	EPA 8270C	-88	-88	19	129	AN-IP
2021/22-1	Lab	LCS, RPD	11/17/2021	Organic	Benzo(b)fluoranthene	n/a	=	9	%	EPA 8270C	-88	-88	0	30	AN-IP
2021/22-1	Lab	LCS, RPD	11/22/2021	Organic	Benzo(b)fluoranthene	n/a	=	24.6	µg/L	EPA 625.1	0.46	1			AN-IP
2021/22-1	Lab	LCS, rec	11/22/2021	Organic	Benzo(b)fluoranthene	n/a	=	123	%	EPA 625.1	-88	-88	42	140	AN-IP
2021/22-1	Lab	LCS dup	11/22/2021	Organic	Benzo(b)fluoranthene	n/a	=	23.2	µg/L	EPA 625.1	0.46	1			AN-IP
2021/22-1	Lab	LCS dup, rec	11/22/2021	Organic	Benzo(b)fluoranthene	n/a	=	116	%	EPA 625.1	-88	-88	42	140	AN-IP
2021/22-1	Lab	LCS, RPD	11/22/2021	Organic	Benzo(b)fluoranthene	n/a	=	6	%	EPA 625.1	-88	-88	0	30	AN-IP
2021/22-1	Lab	method blank	11/22/2021	Organic	Benzo(b)fluoranthene	n/a	<	0.46	µg/L	EPA 625.1	0.46	1			
2021/22-1	Lab	method blank	11/17/2021	Organic	Benzo(g,h,i)perylene	n/a	<	0.05	µg/L	EPA 8270C	0.05	0.1			
2021/22-1	Lab	LCS	11/17/2021	Organic	Benzo(g,h,i)perylene	n/a	=	22.9	µg/L	EPA 8270C	0.05	0.1			
2021/22-1	Lab	LCS, rec	11/17/2021	Organic	Benzo(g,h,i)perylene	n/a	=	114	%	EPA 8270C	-88	-88	14	139	
2021/22-1	Lab	LCS dup	11/17/2021	Organic	Benzo(g,h,i)perylene	n/a	=	20.2	µg/L	EPA 8270C	0.05	0.1			
2021/22-1	Lab	LCS dup, rec	11/17/2021	Organic	Benzo(g,h,i)perylene	n/a	=	101	%	EPA 8270C	-88	-88	14	139	
2021/22-1	Lab	LCS, RPD	11/17/2021	Organic	Benzo(g,h,i)perylene	n/a	=	12	%	EPA 8270C	-88	-88	0	30	
2021/22-1	Lab	LCS	11/22/2021	Organic	Benzo(g,h,i)perylene	n/a	=	23.9	µg/L	EPA 625.1	0.42	2			
2021/22-1	Lab	LCS, rec	11/22/2021	Organic	Benzo(g,h,i)perylene	n/a	=	120	%	EPA 625.1	-88	-88	0.1	195	
2021/22-1	Lab	LCS dup	11/22/2021	Organic	Benzo(g,h,i)perylene	n/a	=	22.4	µg/L	EPA 625.1	0.42	2			
2021/22-1	Lab	LCS dup, rec	11/22/2021	Organic	Benzo(g,h,i)perylene	n/a	=	112	%	EPA 625.1	-88	-88	0.1	195	
2021/22-1	Lab	LCS, RPD	11/22/2021	Organic	Benzo(g,h,i)perylene	n/a	=	7	%	EPA 625.1	-88	-88	0	30	
2021/22-1	Lab	method blank	11/22/2021	Organic	Benzo(g,h,i)perylene	n/a	<	0.42	µg/L	EPA 625.1	0.42	2			
2021/22-1	Lab	method blank	11/17/2021	Organic	Benzo(k)fluoranthene	n/a	<	0.026	µg/L	EPA 8270C	0.026	0.1			
2021/22-1	Lab	LCS	11/17/2021	Organic	Benzo(k)fluoranthene	n/a	=	24	µg/L	EPA 8270C	0.026	0.1			AN-IP
2021/22-1	Lab	LCS, rec	11/17/2021	Organic	Benzo(k)fluoranthene	n/a	=	120	%	EPA 8270C	-88	-88	22	127	AN-IP
2021/22-1	Lab	LCS dup	11/17/2021	Organic	Benzo(k)fluoranthene	n/a	=	21.6	µg/L	EPA 8270C	0.026	0.1			AN-IP
2021/22-1	Lab	LCS dup, rec	11/17/2021	Organic	Benzo(k)fluoranthene	n/a	=	108	%	EPA 8270C	-88	-88	22	127	AN-IP
2021/22-1	Lab	LCS, RPD	11/17/2021	Organic	Benzo(k)fluoranthene	n/a	=	11	%	EPA 8270C	-88	-88	0	30	AN-IP
2021/22-1	Lab	LCS	11/22/2021	Organic	Benzo(k)fluoranthene	n/a	=	23.8	µg/L	EPA 625.1	0.22	1			AN-IP
2021/22-1	Lab	LCS, rec	11/22/2021	Organic	Benzo(k)fluoranthene	n/a	=	119	%	EPA 625.1	-88	-88	25	146	AN-IP
2021/22-1	Lab	LCS dup	11/22/2021	Organic	Benzo(k)fluoranthene	n/a	=	21.6	µg/L	EPA 625.1	0.22	1			AN-IP
2021/22-1	Lab	LCS dup, rec	11/22/2021	Organic	Benzo(k)fluoranthene	n/a	=	108	%	EPA 625.1	-88	-88	25	146	AN-IP
2021/22-1	Lab	LCS, RPD	11/22/2021	Organic	Benzo(k)fluoranthene	n/a	=	10	%	EPA 625.1	-88	-88	0	30	AN-IP
2021/22-1	Lab	method blank	11/22/2021	Organic	Benzo(k)fluoranthene	n/a	<	0.22	µg/L	EPA 625.1	0.22	1			
2021/22-1	Lab	LCS	11/22/2021	Organic	Bis(2-chloroethoxy)methane	n/a	=	18.1	µg/L	EPA 625.1	0.25	1			
2021/22-1	Lab	LCS, rec	11/22/2021	Organic	Bis(2-chloroethoxy)methane	n/a	=	91	%	EPA 625.1	-88	-88	49	165	
2021/22-1	Lab	LCS dup	11/22/2021	Organic	Bis(2-chloroethoxy)methane	n/a	=	16.5	µg/L	EPA 625.1	0.25	1			
2021/22-1	Lab	LCS dup, rec	11/22/2021	Organic	Bis(2-chloroethoxy)methane	n/a	=	82	%	EPA 625.1	-88	-88	49	165	
2021/22-1	Lab	LCS, RPD	11/22/2021	Organic	Bis(2-chloroethoxy)methane	n/a	=	9	%	EPA 625.1	-88	-88	0	30	
2021/22-1	Lab	method blank	11/22/2021	Organic	Bis(2-chloroethoxy)methane	n/a	<	0.25	µg/L	EPA 625.1	0.25	1			
2021/22-1	Lab	LCS	11/22/2021	Organic	Bis(2-chloroethyl)ether	n/a	=	17.1	µg/L	EPA 625.1	0.27	1			
2021/22-1	Lab	LCS, rec	11/22/2021	Organic	Bis(2-chloroethyl)ether	n/a	=	86	%	EPA 625.1	-88	-88	43	126	
2021/22-1	Lab	LCS dup	11/22/2021	Organic	Bis(2-chloroethyl)ether	n/a	=	14.7	µg/L	EPA 625.1	0.27	1			
2021/22-1	Lab	LCS dup, rec	11/22/2021	Organic	Bis(2-chloroethyl)ether	n/a	=	74	%	EPA 625.1	-88	-88	43	126	
2021/22-1	Lab	LCS, RPD	11/22/2021	Organic	Bis(2-chloroethyl)ether	n/a	=	15	%	EPA 625.1	-88	-88	0	30	
2021/22-1	Lab	method blank	11/22/2021	Organic	Bis(2-chloroethyl)ether	n/a	<	0.27	µg/L	EPA 625.1	0.27	1			
2021/22-1	Lab	LCS	11/22/2021	Organic	Bis(2-chloroisopropyl)ether	n/a	=	21.4	µg/L	EPA 625.1	0.38	1			
2021/22-1	Lab	LCS, rec	11/22/2021	Organic	Bis(2-chloroisopropyl)ether	n/a	=	107	%	EPA 625.1	-88	-88	63	139	
2021/22-1	Lab	LCS dup	11/22/2021	Organic	Bis(2-chloroisopropyl)ether	n/a	=	18.9	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	
2021/22-1	Lab	LCS dup, rec	11/22/2021	Organic	Bis(2-chloroisopropyl)ether	n/a	=	95	%	EPA 625.1	-88	-88	63	139	
2021/22-1	Lab	LCS, RPD	11/22/2021	Organic	Bis(2-chloroisopropyl)ether	n/a	=	12	%	EPA 625.1	-88	-88	0	30	
2021/22-1	Lab	method blank	11/22/2021	Organic	Bis(2-chloroisopropyl)ether	n/a	<	0.38	µg/L	EPA 625.1	0.38	1			
2021/22-1	Lab	method blank	11/9/2021	Organic	Bis(2-ethylhexyl)adipate	n/a	<	0.42	µg/L	EPA 525.2	0.42	5			
2021/22-1	Lab	LCS dup	11/9/2021	Organic	Bis(2-ethylhexyl)adipate	n/a	=	5.82	µg/L	EPA 525.2	0.42	5			
2021/22-1	Lab	LCS dup, rec	11/9/2021	Organic	Bis(2-ethylhexyl)adipate	n/a	=	116	%	EPA 525.2	-88	-88	70	130	
2021/22-1	Lab	LCS, RPD	11/9/2021	Organic	Bis(2-ethylhexyl)adipate	n/a	=	1	%	EPA 525.2	-88	-88	0	30	
2021/22-1	Lab	LCS	11/9/2021	Organic	Bis(2-ethylhexyl)adipate	n/a	=	5.9	µg/L	EPA 525.2	0.42	5			
2021/22-1	Lab	LCS, rec	11/9/2021	Organic	Bis(2-ethylhexyl)adipate	n/a	=	118	%	EPA 525.2	-88	-88	70	130	
2021/22-1	Lab	method blank	11/15/2021	Organic	Bis(2-ethylhexyl)adipate	n/a	<	0.42	µg/L	EPA 525.2	0.42	5			
2021/22-1	Lab	LCS	11/15/2021	Organic	Bis(2-ethylhexyl)adipate	n/a	=	6.35	µg/L	EPA 525.2	0.42	5			
2021/22-1	Lab	LCS, rec	11/15/2021	Organic	Bis(2-ethylhexyl)adipate	n/a	=	127	%	EPA 525.2	-88	-88	70	130	
2021/22-1	Lab	LCS dup	11/15/2021	Organic	Bis(2-ethylhexyl)adipate	n/a	=	6.49	µg/L	EPA 525.2	0.42	5			
2021/22-1	Lab	LCS dup, rec	11/15/2021	Organic	Bis(2-ethylhexyl)adipate	n/a	=	130	%	EPA 525.2	-88	-88	70	130	
2021/22-1	Lab	LCS, RPD	11/15/2021	Organic	Bis(2-ethylhexyl)adipate	n/a	=	2	%	EPA 525.2	-88	-88	0	30	
2021/22-1	Lab	method blank	11/18/2021	Organic	Bis(2-ethylhexyl)adipate	n/a	<	0.42	µg/L	EPA 525.2	0.42	5			
2021/22-1	Lab	LCS dup	11/18/2021	Organic	Bis(2-ethylhexyl)adipate	n/a	=	5.93	µg/L	EPA 525.2	0.42	5			
2021/22-1	Lab	LCS dup, rec	11/18/2021	Organic	Bis(2-ethylhexyl)adipate	n/a	=	119	%	EPA 525.2	-88	-88	70	130	
2021/22-1	Lab	LCS, RPD	11/18/2021	Organic	Bis(2-ethylhexyl)adipate	n/a	=	0.1	%	EPA 525.2	-88	-88	0	30	
2021/22-1	Lab	LCS	11/18/2021	Organic	Bis(2-ethylhexyl)adipate	n/a	=	5.94	µg/L	EPA 525.2	0.42	5			
2021/22-1	Lab	LCS, rec	11/18/2021	Organic	Bis(2-ethylhexyl)adipate	n/a	=	119	%	EPA 525.2	-88	-88	70	130	
2021/22-1	Lab	method blank	11/9/2021	Organic	Bis(2-ethylhexyl)phthalate	n/a	DNQ	1.41	µg/L	EPA 525.2	0.41	3			IP
2021/22-1	Lab	LCS dup	11/9/2021	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	9.1	µg/L	EPA 525.2	0.41	3			EUM,IL
2021/22-1	Lab	LCS dup, rec	11/9/2021	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	182	%	EPA 525.2	-88	-88	70	130	EUM,IL
2021/22-1	Lab	LCS, RPD	11/9/2021	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	38	%	EPA 525.2	-88	-88	0	30	EUM,IL
2021/22-1	Lab	LCS	11/9/2021	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	6.2	µg/L	EPA 525.2	0.41	3			
2021/22-1	Lab	LCS, rec	11/9/2021	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	124	%	EPA 525.2	-88	-88	70	130	
2021/22-1	Lab	method blank	11/15/2021	Organic	Bis(2-ethylhexyl)phthalate	n/a	<	0.41	µg/L	EPA 525.2	0.41	3			
2021/22-1	Lab	LCS	11/15/2021	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	6.6	µg/L	EPA 525.2	0.41	3			EUM
2021/22-1	Lab	LCS, rec	11/15/2021	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	132	%	EPA 525.2	-88	-88	70	130	EUM
2021/22-1	Lab	LCS dup	11/15/2021	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	6.68	µg/L	EPA 525.2	0.41	3			EUM
2021/22-1	Lab	LCS dup, rec	11/15/2021	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	134	%	EPA 525.2	-88	-88	70	130	EUM
2021/22-1	Lab	LCS, RPD	11/15/2021	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	1	%	EPA 525.2	-88	-88	0	30	EUM
2021/22-1	Lab	method blank	11/18/2021	Organic	Bis(2-ethylhexyl)phthalate	n/a	DNQ	1.34	µg/L	EPA 525.2	0.41	3			IP
2021/22-1	Lab	LCS dup	11/18/2021	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	9.82	µg/L	EPA 525.2	0.41	3			EUM,IL
2021/22-1	Lab	LCS dup, rec	11/18/2021	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	196	%	EPA 525.2	-88	-88	70	130	EUM,IL
2021/22-1	Lab	LCS, RPD	11/18/2021	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	40	%	EPA 525.2	-88	-88	0	30	EUM,IL
2021/22-1	Lab	LCS	11/18/2021	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	6.52	µg/L	EPA 525.2	0.41	3			
2021/22-1	Lab	LCS, rec	11/18/2021	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	130	%	EPA 525.2	-88	-88	70	130	
2021/22-1	Lab	LCS	11/22/2021	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	19.5	µg/L	EPA 625.1	2.3	5			
2021/22-1	Lab	LCS, rec	11/22/2021	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	98	%	EPA 625.1	-88	-88	29	137	
2021/22-1	Lab	LCS dup	11/22/2021	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	18.4	µg/L	EPA 625.1	2.3	5			
2021/22-1	Lab	LCS dup, rec	11/22/2021	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	92	%	EPA 625.1	-88	-88	29	137	
2021/22-1	Lab	LCS, RPD	11/22/2021	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	6	%	EPA 625.1	-88	-88	0	30	
2021/22-1	Lab	method blank	11/22/2021	Organic	Bis(2-ethylhexyl)phthalate	n/a	DNQ	2.85	µg/L	EPA 625.1	2.3	5			IP
2021/22-1	Lab	LCS	11/22/2021	Organic	Butyl benzyl phthalate	n/a	=	19	µg/L	EPA 625.1	0.49	1			
2021/22-1	Lab	LCS, rec	11/22/2021	Organic	Butyl benzyl phthalate	n/a	=	95	%	EPA 625.1	-88	-88	0.1	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	
2021/22-1	Lab	LCS dup	11/22/2021	Organic	Butyl benzyl phthalate	n/a	=	17.9	µg/L	EPA 625.1	0.49	1			
2021/22-1	Lab	LCS dup, rec	11/22/2021	Organic	Butyl benzyl phthalate	n/a	=	90	%	EPA 625.1	-88	-88	0.1	140	
2021/22-1	Lab	LCS, RPD	11/22/2021	Organic	Butyl benzyl phthalate	n/a	=	6	%	EPA 625.1	-88	-88	0	30	
2021/22-1	Lab	method blank	11/22/2021	Organic	Butyl benzyl phthalate	n/a	<	0.49	µg/L	EPA 625.1	0.49	1			
2021/22-1	Lab	method blank	11/17/2021	Organic	Chrysene	n/a	<	0.074	µg/L	EPA 8270C	0.074	0.1			
2021/22-1	Lab	LCS	11/17/2021	Organic	Chrysene	n/a	=	19.6	µg/L	EPA 8270C	0.074	0.1			
2021/22-1	Lab	LCS, rec	11/17/2021	Organic	Chrysene	n/a	=	98	%	EPA 8270C	-88	-88	32	126	
2021/22-1	Lab	LCS dup	11/17/2021	Organic	Chrysene	n/a	=	17.8	µg/L	EPA 8270C	0.074	0.1			
2021/22-1	Lab	LCS dup, rec	11/17/2021	Organic	Chrysene	n/a	=	89	%	EPA 8270C	-88	-88	32	126	
2021/22-1	Lab	LCS, RPD	11/17/2021	Organic	Chrysene	n/a	=	10	%	EPA 8270C	-88	-88	0	30	
2021/22-1	Lab	LCS	11/22/2021	Organic	Chrysene	n/a	=	18.6	µg/L	EPA 625.1	0.19	1			
2021/22-1	Lab	LCS, rec	11/22/2021	Organic	Chrysene	n/a	=	93	%	EPA 625.1	-88	-88	44	140	
2021/22-1	Lab	LCS dup	11/22/2021	Organic	Chrysene	n/a	=	17.2	µg/L	EPA 625.1	0.19	1			
2021/22-1	Lab	LCS dup, rec	11/22/2021	Organic	Chrysene	n/a	=	86	%	EPA 625.1	-88	-88	44	140	
2021/22-1	Lab	LCS, RPD	11/22/2021	Organic	Chrysene	n/a	=	8	%	EPA 625.1	-88	-88	0	30	
2021/22-1	Lab	method blank	11/22/2021	Organic	Chrysene	n/a	<	0.19	µg/L	EPA 625.1	0.19	1			
2021/22-1	Lab	method blank	11/17/2021	Organic	Dibenz(a,h)anthracene	n/a	<	0.036	µg/L	EPA 8270C	0.036	0.1			
2021/22-1	Lab	LCS	11/17/2021	Organic	Dibenz(a,h)anthracene	n/a	=	18.3	µg/L	EPA 8270C	0.036	0.1			
2021/22-1	Lab	LCS, rec	11/17/2021	Organic	Dibenz(a,h)anthracene	n/a	=	91	%	EPA 8270C	-88	-88	9	147	
2021/22-1	Lab	LCS dup	11/17/2021	Organic	Dibenz(a,h)anthracene	n/a	=	16.7	µg/L	EPA 8270C	0.036	0.1			
2021/22-1	Lab	LCS dup, rec	11/17/2021	Organic	Dibenz(a,h)anthracene	n/a	=	83	%	EPA 8270C	-88	-88	9	147	
2021/22-1	Lab	LCS, RPD	11/17/2021	Organic	Dibenz(a,h)anthracene	n/a	=	9	%	EPA 8270C	-88	-88	0	30	
2021/22-1	Lab	LCS	11/22/2021	Organic	Dibenz(a,h)anthracene	n/a	=	22.7	µg/L	EPA 625.1	0.15	2			
2021/22-1	Lab	LCS, rec	11/22/2021	Organic	Dibenz(a,h)anthracene	n/a	=	114	%	EPA 625.1	-88	-88	0.1	200	
2021/22-1	Lab	LCS dup	11/22/2021	Organic	Dibenz(a,h)anthracene	n/a	=	21.1	µg/L	EPA 625.1	0.15	2			
2021/22-1	Lab	LCS dup, rec	11/22/2021	Organic	Dibenz(a,h)anthracene	n/a	=	105	%	EPA 625.1	-88	-88	0.1	200	
2021/22-1	Lab	LCS, RPD	11/22/2021	Organic	Dibenz(a,h)anthracene	n/a	=	8	%	EPA 625.1	-88	-88	0	30	
2021/22-1	Lab	method blank	11/22/2021	Organic	Dibenz(a,h)anthracene	n/a	<	0.15	µg/L	EPA 625.1	0.15	2			
2021/22-1	Lab	LCS	11/22/2021	Organic	Diethyl phthalate	n/a	=	17.7	µg/L	EPA 625.1	0.35	1			
2021/22-1	Lab	LCS, rec	11/22/2021	Organic	Diethyl phthalate	n/a	=	89	%	EPA 625.1	-88	-88	0.1	120	
2021/22-1	Lab	LCS dup	11/22/2021	Organic	Diethyl phthalate	n/a	=	15.9	µg/L	EPA 625.1	0.35	1			
2021/22-1	Lab	LCS dup, rec	11/22/2021	Organic	Diethyl phthalate	n/a	=	79	%	EPA 625.1	-88	-88	0.1	120	
2021/22-1	Lab	LCS, RPD	11/22/2021	Organic	Diethyl phthalate	n/a	=	11	%	EPA 625.1	-88	-88	0	30	
2021/22-1	Lab	method blank	11/22/2021	Organic	Diethyl phthalate	n/a	<	0.35	µg/L	EPA 625.1	0.35	1			
2021/22-1	Lab	LCS	11/22/2021	Organic	Dimethyl phthalate	n/a	=	17.2	µg/L	EPA 625.1	0.18	1			
2021/22-1	Lab	LCS, rec	11/22/2021	Organic	Dimethyl phthalate	n/a	=	86	%	EPA 625.1	-88	-88	0.1	120	
2021/22-1	Lab	LCS dup	11/22/2021	Organic	Dimethyl phthalate	n/a	=	15.8	µg/L	EPA 625.1	0.18	1			
2021/22-1	Lab	LCS dup, rec	11/22/2021	Organic	Dimethyl phthalate	n/a	=	79	%	EPA 625.1	-88	-88	0.1	120	
2021/22-1	Lab	LCS, RPD	11/22/2021	Organic	Dimethyl phthalate	n/a	=	9	%	EPA 625.1	-88	-88	0	30	
2021/22-1	Lab	method blank	11/22/2021	Organic	Dimethyl phthalate	n/a	<	0.18	µg/L	EPA 625.1	0.18	1			
2021/22-1	Lab	LCS	11/22/2021	Organic	Di-n-butylphthalate	n/a	=	20.8	µg/L	EPA 625.1	0.34	1			
2021/22-1	Lab	LCS, rec	11/22/2021	Organic	Di-n-butylphthalate	n/a	=	104	%	EPA 625.1	-88	-88	8	120	
2021/22-1	Lab	LCS dup	11/22/2021	Organic	Di-n-butylphthalate	n/a	=	20	µg/L	EPA 625.1	0.34	1			
2021/22-1	Lab	LCS dup, rec	11/22/2021	Organic	Di-n-butylphthalate	n/a	=	100	%	EPA 625.1	-88	-88	8	120	
2021/22-1	Lab	LCS, RPD	11/22/2021	Organic	Di-n-butylphthalate	n/a	=	4	%	EPA 625.1	-88	-88	0	30	
2021/22-1	Lab	method blank	11/22/2021	Organic	Di-n-butylphthalate	n/a	<	0.34	µg/L	EPA 625.1	0.34	1			
2021/22-1	Lab	LCS	11/22/2021	Organic	Di-n-octylphthalate	n/a	=	24.8	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	
2021/22-1	Lab	LCS, rec	11/22/2021	Organic	Di-n-octylphthalate	n/a	=	124	%	EPA 625.1	-88	-88	19	132	
2021/22-1	Lab	LCS dup	11/22/2021	Organic	Di-n-octylphthalate	n/a	=	22.2	µg/L	EPA 625.1	0.46	1			
2021/22-1	Lab	LCS dup, rec	11/22/2021	Organic	Di-n-octylphthalate	n/a	=	111	%	EPA 625.1	-88	-88	19	132	
2021/22-1	Lab	LCS, RPD	11/22/2021	Organic	Di-n-octylphthalate	n/a	=	11	%	EPA 625.1	-88	-88	0	30	
2021/22-1	Lab	method blank	11/22/2021	Organic	Di-n-octylphthalate	n/a	<	0.46	µg/L	EPA 625.1	0.46	1			
2021/22-1	Lab	method blank	11/17/2021	Organic	Fluoranthene	n/a	<	0.039	µg/L	EPA 8270C	0.039	0.1			
2021/22-1	Lab	LCS	11/17/2021	Organic	Fluoranthene	n/a	=	21.5	µg/L	EPA 8270C	0.039	0.1			
2021/22-1	Lab	LCS, rec	11/17/2021	Organic	Fluoranthene	n/a	=	107	%	EPA 8270C	-88	-88	22	131	
2021/22-1	Lab	LCS dup	11/17/2021	Organic	Fluoranthene	n/a	=	18.8	µg/L	EPA 8270C	0.039	0.1			
2021/22-1	Lab	LCS dup, rec	11/17/2021	Organic	Fluoranthene	n/a	=	94	%	EPA 8270C	-88	-88	22	131	
2021/22-1	Lab	LCS, RPD	11/17/2021	Organic	Fluoranthene	n/a	=	13	%	EPA 8270C	-88	-88	0	30	
2021/22-1	Lab	LCS	11/22/2021	Organic	Fluoranthene	n/a	=	17.3	µg/L	EPA 625.1	0.35	1			
2021/22-1	Lab	LCS, rec	11/22/2021	Organic	Fluoranthene	n/a	=	86	%	EPA 625.1	-88	-88	43	121	
2021/22-1	Lab	LCS dup	11/22/2021	Organic	Fluoranthene	n/a	=	16.6	µg/L	EPA 625.1	0.35	1			
2021/22-1	Lab	LCS dup, rec	11/22/2021	Organic	Fluoranthene	n/a	=	83	%	EPA 625.1	-88	-88	43	121	
2021/22-1	Lab	LCS, RPD	11/22/2021	Organic	Fluoranthene	n/a	=	4	%	EPA 625.1	-88	-88	0	30	
2021/22-1	Lab	method blank	11/22/2021	Organic	Fluoranthene	n/a	<	0.35	µg/L	EPA 625.1	0.35	1			
2021/22-1	Lab	method blank	11/17/2021	Organic	Fluorene	n/a	<	0.029	µg/L	EPA 8270C	0.029	0.1			
2021/22-1	Lab	LCS	11/17/2021	Organic	Fluorene	n/a	=	18.4	µg/L	EPA 8270C	0.029	0.1			
2021/22-1	Lab	LCS, rec	11/17/2021	Organic	Fluorene	n/a	=	92	%	EPA 8270C	-88	-88	19	122	
2021/22-1	Lab	LCS dup	11/17/2021	Organic	Fluorene	n/a	=	16.4	µg/L	EPA 8270C	0.029	0.1			
2021/22-1	Lab	LCS dup, rec	11/17/2021	Organic	Fluorene	n/a	=	82	%	EPA 8270C	-88	-88	19	122	
2021/22-1	Lab	LCS, RPD	11/17/2021	Organic	Fluorene	n/a	=	12	%	EPA 8270C	-88	-88	0	30	
2021/22-1	Lab	LCS	11/22/2021	Organic	Fluorene	n/a	=	17.5	µg/L	EPA 625.1	0.35	1			
2021/22-1	Lab	LCS, rec	11/22/2021	Organic	Fluorene	n/a	=	87	%	EPA 625.1	-88	-88	70	120	
2021/22-1	Lab	LCS dup	11/22/2021	Organic	Fluorene	n/a	=	15.6	µg/L	EPA 625.1	0.35	1			
2021/22-1	Lab	LCS dup, rec	11/22/2021	Organic	Fluorene	n/a	=	78	%	EPA 625.1	-88	-88	70	120	
2021/22-1	Lab	LCS, RPD	11/22/2021	Organic	Fluorene	n/a	=	11	%	EPA 625.1	-88	-88	0	30	
2021/22-1	Lab	method blank	11/22/2021	Organic	Fluorene	n/a	<	0.35	µg/L	EPA 625.1	0.35	1			
2021/22-1	Lab	LCS	11/22/2021	Organic	Hexachlorobenzene	n/a	=	16.3	µg/L	EPA 625.1	0.49	1			
2021/22-1	Lab	LCS, rec	11/22/2021	Organic	Hexachlorobenzene	n/a	=	82	%	EPA 625.1	-88	-88	8	142	
2021/22-1	Lab	LCS dup	11/22/2021	Organic	Hexachlorobenzene	n/a	=	15	µg/L	EPA 625.1	0.49	1			
2021/22-1	Lab	LCS dup, rec	11/22/2021	Organic	Hexachlorobenzene	n/a	=	75	%	EPA 625.1	-88	-88	8	142	
2021/22-1	Lab	LCS, RPD	11/22/2021	Organic	Hexachlorobenzene	n/a	=	9	%	EPA 625.1	-88	-88	0	30	
2021/22-1	Lab	method blank	11/22/2021	Organic	Hexachlorobenzene	n/a	<	0.49	µg/L	EPA 625.1	0.49	1			
2021/22-1	Lab	LCS	11/22/2021	Organic	Hexachlorobutadiene	n/a	=	17.8	µg/L	EPA 625.1	0.47	1			
2021/22-1	Lab	LCS, rec	11/22/2021	Organic	Hexachlorobutadiene	n/a	=	89	%	EPA 625.1	-88	-88	38	120	
2021/22-1	Lab	LCS dup	11/22/2021	Organic	Hexachlorobutadiene	n/a	=	15.5	µg/L	EPA 625.1	0.47	1			
2021/22-1	Lab	LCS dup, rec	11/22/2021	Organic	Hexachlorobutadiene	n/a	=	77	%	EPA 625.1	-88	-88	38	120	
2021/22-1	Lab	LCS, RPD	11/22/2021	Organic	Hexachlorobutadiene	n/a	=	14	%	EPA 625.1	-88	-88	0	30	
2021/22-1	Lab	method blank	11/22/2021	Organic	Hexachlorobutadiene	n/a	<	0.47	µg/L	EPA 625.1	0.47	1			
2021/22-1	Lab	method blank	11/9/2021	Organic	Hexachlorocyclopentadiene	n/a	<	0.092	µg/L	EPA 525.2	0.092	1			
2021/22-1	Lab	LCS dup	11/9/2021	Organic	Hexachlorocyclopentadiene	n/a	=	4.4	µg/L	EPA 525.2	0.092	1			
2021/22-1	Lab	LCS dup, rec	11/9/2021	Organic	Hexachlorocyclopentadiene	n/a	=	88	%	EPA 525.2	-88	-88	33	106	
2021/22-1	Lab	LCS, RPD	11/9/2021	Organic	Hexachlorocyclopentadiene	n/a	=	0.4	%	EPA 525.2	-88	-88	0	30	
2021/22-1	Lab	LCS	11/9/2021	Organic	Hexachlorocyclopentadiene	n/a	=	4.42	µg/L	EPA 525.2	0.092	1			
2021/22-1	Lab	LCS, rec	11/9/2021	Organic	Hexachlorocyclopentadiene	n/a	=	88	%	EPA 525.2	-88	-88	33	106	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2021/22-1	Lab	method blank	11/15/2021	Organic	Hexachlorocyclopentadiene	n/a	<	0.092	µg/L	EPA 525.2	0.092	1			
2021/22-1	Lab	LCS	11/15/2021	Organic	Hexachlorocyclopentadiene	n/a	=	3.88	µg/L	EPA 525.2	0.092	1			
2021/22-1	Lab	LCS, rec	11/15/2021	Organic	Hexachlorocyclopentadiene	n/a	=	78	%	EPA 525.2	-88	-88	33	106	
2021/22-1	Lab	LCS dup	11/15/2021	Organic	Hexachlorocyclopentadiene	n/a	=	3.42	µg/L	EPA 525.2	0.092	1			
2021/22-1	Lab	LCS dup, rec	11/15/2021	Organic	Hexachlorocyclopentadiene	n/a	=	68	%	EPA 525.2	-88	-88	33	106	
2021/22-1	Lab	LCS, RPD	11/15/2021	Organic	Hexachlorocyclopentadiene	n/a	=	13	%	EPA 525.2	-88	-88	0	30	
2021/22-1	Lab	method blank	11/18/2021	Organic	Hexachlorocyclopentadiene	n/a	<	0.092	µg/L	EPA 525.2	0.092	1			
2021/22-1	Lab	LCS dup	11/18/2021	Organic	Hexachlorocyclopentadiene	n/a	=	3.97	µg/L	EPA 525.2	0.092	1			
2021/22-1	Lab	LCS dup, rec	11/18/2021	Organic	Hexachlorocyclopentadiene	n/a	=	79	%	EPA 525.2	-88	-88	33	106	
2021/22-1	Lab	LCS, RPD	11/18/2021	Organic	Hexachlorocyclopentadiene	n/a	=	0.1	%	EPA 525.2	-88	-88	0	30	
2021/22-1	Lab	LCS	11/18/2021	Organic	Hexachlorocyclopentadiene	n/a	=	3.96	µg/L	EPA 525.2	0.092	1			
2021/22-1	Lab	LCS, rec	11/18/2021	Organic	Hexachlorocyclopentadiene	n/a	=	79	%	EPA 525.2	-88	-88	33	106	
2021/22-1	Lab	LCS	11/22/2021	Organic	Hexachlorocyclopentadiene	n/a	=	10.9	µg/L	EPA 625.1	0.31	5			
2021/22-1	Lab	LCS, rec	11/22/2021	Organic	Hexachlorocyclopentadiene	n/a	=	54	%	EPA 625.1	-88	-88	10	120	
2021/22-1	Lab	LCS dup	11/22/2021	Organic	Hexachlorocyclopentadiene	n/a	=	10.2	µg/L	EPA 625.1	0.31	5			
2021/22-1	Lab	LCS dup, rec	11/22/2021	Organic	Hexachlorocyclopentadiene	n/a	=	51	%	EPA 625.1	-88	-88	10	120	
2021/22-1	Lab	LCS, RPD	11/22/2021	Organic	Hexachlorocyclopentadiene	n/a	=	6	%	EPA 625.1	-88	-88	0	30	
2021/22-1	Lab	method blank	11/22/2021	Organic	Hexachlorocyclopentadiene	n/a	<	0.31	µg/L	EPA 625.1	0.31	5			
2021/22-1	Lab	LCS	11/22/2021	Organic	Hexachloroethane	n/a	=	17.6	µg/L	EPA 625.1	0.5	1			
2021/22-1	Lab	LCS, rec	11/22/2021	Organic	Hexachloroethane	n/a	=	88	%	EPA 625.1	-88	-88	55	120	
2021/22-1	Lab	LCS dup	11/22/2021	Organic	Hexachloroethane	n/a	=	14.9	µg/L	EPA 625.1	0.5	1			
2021/22-1	Lab	LCS dup, rec	11/22/2021	Organic	Hexachloroethane	n/a	=	75	%	EPA 625.1	-88	-88	55	120	
2021/22-1	Lab	LCS, RPD	11/22/2021	Organic	Hexachloroethane	n/a	=	16	%	EPA 625.1	-88	-88	0	30	
2021/22-1	Lab	method blank	11/22/2021	Organic	Hexachloroethane	n/a	<	0.5	µg/L	EPA 625.1	0.5	1			
2021/22-1	Lab	method blank	11/17/2021	Organic	Indeno(1,2,3-cd)pyrene	n/a	<	0.065	µg/L	EPA 8270C	0.065	0.1			
2021/22-1	Lab	LCS	11/17/2021	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	25.2	µg/L	EPA 8270C	0.065	0.1			
2021/22-1	Lab	LCS, rec	11/17/2021	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	126	%	EPA 8270C	-88	-88	12	136	
2021/22-1	Lab	LCS dup	11/17/2021	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	22.8	µg/L	EPA 8270C	0.065	0.1			
2021/22-1	Lab	LCS dup, rec	11/17/2021	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	114	%	EPA 8270C	-88	-88	12	136	
2021/22-1	Lab	LCS, RPD	11/17/2021	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	10	%	EPA 8270C	-88	-88	0	30	
2021/22-1	Lab	LCS	11/22/2021	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	26.5	µg/L	EPA 625.1	0.25	2			
2021/22-1	Lab	LCS, rec	11/22/2021	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	132	%	EPA 625.1	-88	-88	0.1	151	
2021/22-1	Lab	LCS dup	11/22/2021	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	24.6	µg/L	EPA 625.1	0.25	2			
2021/22-1	Lab	LCS dup, rec	11/22/2021	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	123	%	EPA 625.1	-88	-88	0.1	151	
2021/22-1	Lab	LCS, RPD	11/22/2021	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	7	%	EPA 625.1	-88	-88	0	30	
2021/22-1	Lab	method blank	11/22/2021	Organic	Indeno(1,2,3-cd)pyrene	n/a	<	0.25	µg/L	EPA 625.1	0.25	2			
2021/22-1	Lab	LCS	11/22/2021	Organic	Isophorone	n/a	=	16.9	µg/L	EPA 625.1	0.21	1			
2021/22-1	Lab	LCS, rec	11/22/2021	Organic	Isophorone	n/a	=	84	%	EPA 625.1	-88	-88	47	180	
2021/22-1	Lab	LCS dup	11/22/2021	Organic	Isophorone	n/a	=	15.3	µg/L	EPA 625.1	0.21	1			
2021/22-1	Lab	LCS dup, rec	11/22/2021	Organic	Isophorone	n/a	=	76	%	EPA 625.1	-88	-88	47	180	
2021/22-1	Lab	LCS, RPD	11/22/2021	Organic	Isophorone	n/a	=	10	%	EPA 625.1	-88	-88	0	30	
2021/22-1	Lab	method blank	11/22/2021	Organic	Isophorone	n/a	<	0.21	µg/L	EPA 625.1	0.21	1			
2021/22-1	Lab	LCS	10/27/2021	Organic	Methyl tert-butyl ether (MTBE)	n/a	=	232	µg/L	EPA 624.1	0.4	1			
2021/22-1	Lab	LCS, rec	10/27/2021	Organic	Methyl tert-butyl ether (MTBE)	n/a	=	116	%	EPA 624.1	-88	-88	80	128	
2021/22-1	Lab	LCS dup	10/27/2021	Organic	Methyl tert-butyl ether (MTBE)	n/a	=	233	µg/L	EPA 624.1	0.4	1			
2021/22-1	Lab	LCS dup, rec	10/27/2021	Organic	Methyl tert-butyl ether (MTBE)	n/a	=	117	%	EPA 624.1	-88	-88	80	128	
2021/22-1	Lab	LCS, RPD	10/27/2021	Organic	Methyl tert-butyl ether (MTBE)	n/a	=	0.5	%	EPA 624.1	-88	-88	0	25	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2021/22-1	Lab	method blank	10/27/2021	Organic	Methyl tert-butyl ether (MTBE)	n/a	<	0.4	µg/L	EPA 624.1	0.4	1			
2021/22-1	Lab	LCS	10/28/2021	Organic	Methyl tert-butyl ether (MTBE)	n/a	=	229	µg/L	EPA 624.1	0.4	1			
2021/22-1	Lab	LCS, rec	10/28/2021	Organic	Methyl tert-butyl ether (MTBE)	n/a	=	115	%	EPA 624.1	-88	-88	80	128	
2021/22-1	Lab	LCS dup	10/28/2021	Organic	Methyl tert-butyl ether (MTBE)	n/a	=	236	µg/L	EPA 624.1	0.4	1			
2021/22-1	Lab	LCS dup, rec	10/28/2021	Organic	Methyl tert-butyl ether (MTBE)	n/a	=	118	%	EPA 624.1	-88	-88	80	128	
2021/22-1	Lab	LCS, RPD	10/28/2021	Organic	Methyl tert-butyl ether (MTBE)	n/a	=	3	%	EPA 624.1	-88	-88	0	25	
2021/22-1	Lab	method blank	10/28/2021	Organic	Methyl tert-butyl ether (MTBE)	n/a	<	0.4	µg/L	EPA 624.1	0.4	1			
2021/22-1	Lab	LCS	10/29/2021	Organic	Methyl tert-butyl ether (MTBE)	n/a	=	241	µg/L	EPA 624.1	0.4	1			
2021/22-1	Lab	LCS, rec	10/29/2021	Organic	Methyl tert-butyl ether (MTBE)	n/a	=	120	%	EPA 624.1	-88	-88	80	128	
2021/22-1	Lab	LCS dup	10/29/2021	Organic	Methyl tert-butyl ether (MTBE)	n/a	=	242	µg/L	EPA 624.1	0.4	1			
2021/22-1	Lab	LCS dup, rec	10/29/2021	Organic	Methyl tert-butyl ether (MTBE)	n/a	=	121	%	EPA 624.1	-88	-88	80	128	
2021/22-1	Lab	LCS, RPD	10/29/2021	Organic	Methyl tert-butyl ether (MTBE)	n/a	=	0.6	%	EPA 624.1	-88	-88	0	25	
2021/22-1	Lab	method blank	10/29/2021	Organic	Methyl tert-butyl ether (MTBE)	n/a	<	0.4	µg/L	EPA 624.1	0.4	1			
2021/22-1	MO-OJA	field blank	10/28/2021	Organic	Methyl tert-butyl ether (MTBE)	n/a	<	0.4	µg/L	EPA 624.1	0.4	1			
2021/22-1	MO-SPA	field duplicate	10/29/2021	Organic	Methyl tert-butyl ether (MTBE)	n/a	<	0.4	µg/L	EPA 624.1	0.4	1			
2021/22-1	Lab	method blank	11/17/2021	Organic	Naphthalene	n/a	<	0.026	µg/L	EPA 8270C	0.026	0.1			
2021/22-1	Lab	LCS	11/17/2021	Organic	Naphthalene	n/a	=	16.9	µg/L	EPA 8270C	0.026	0.1			
2021/22-1	Lab	LCS, rec	11/17/2021	Organic	Naphthalene	n/a	=	84	%	EPA 8270C	-88	-88	12	136	
2021/22-1	Lab	LCS dup	11/17/2021	Organic	Naphthalene	n/a	=	14.9	µg/L	EPA 8270C	0.026	0.1			
2021/22-1	Lab	LCS dup, rec	11/17/2021	Organic	Naphthalene	n/a	=	74	%	EPA 8270C	-88	-88	12	136	
2021/22-1	Lab	LCS, RPD	11/17/2021	Organic	Naphthalene	n/a	=	13	%	EPA 8270C	-88	-88	0	30	
2021/22-1	Lab	LCS	11/22/2021	Organic	Naphthalene	n/a	=	17.4	µg/L	EPA 625.1	0.49	1			
2021/22-1	Lab	LCS, rec	11/22/2021	Organic	Naphthalene	n/a	=	87	%	EPA 625.1	-88	-88	36	120	
2021/22-1	Lab	LCS dup	11/22/2021	Organic	Naphthalene	n/a	=	15.9	µg/L	EPA 625.1	0.49	1			
2021/22-1	Lab	LCS dup, rec	11/22/2021	Organic	Naphthalene	n/a	=	80	%	EPA 625.1	-88	-88	36	120	
2021/22-1	Lab	LCS, RPD	11/22/2021	Organic	Naphthalene	n/a	=	9	%	EPA 625.1	-88	-88	0	30	
2021/22-1	Lab	method blank	11/22/2021	Organic	Naphthalene	n/a	<	0.49	µg/L	EPA 625.1	0.49	1			
2021/22-1	Lab	LCS	11/22/2021	Organic	Nitrobenzene	n/a	=	20.6	µg/L	EPA 625.1	0.36	1			
2021/22-1	Lab	LCS, rec	11/22/2021	Organic	Nitrobenzene	n/a	=	103	%	EPA 625.1	-88	-88	54	158	
2021/22-1	Lab	LCS dup	11/22/2021	Organic	Nitrobenzene	n/a	=	18.1	µg/L	EPA 625.1	0.36	1			
2021/22-1	Lab	LCS dup, rec	11/22/2021	Organic	Nitrobenzene	n/a	=	91	%	EPA 625.1	-88	-88	54	158	
2021/22-1	Lab	LCS, RPD	11/22/2021	Organic	Nitrobenzene	n/a	=	13	%	EPA 625.1	-88	-88	0	30	
2021/22-1	Lab	method blank	11/22/2021	Organic	Nitrobenzene	n/a	<	0.36	µg/L	EPA 625.1	0.36	1			
2021/22-1	Lab	srgt method blank	11/17/2021	Organic	Nitrobenzene-d5	n/a	=	18	µg/L	EPA 8270C	-88	-88			
2021/22-1	Lab	srgt method blank, rec	11/17/2021	Organic	Nitrobenzene-d5	n/a	=	90	%	EPA 8270C	-88	-88	51	143	
2021/22-1	Lab	srgt LCS	11/17/2021	Organic	Nitrobenzene-d5	n/a	=	18.9	µg/L	EPA 8270C	-88	-88			
2021/22-1	Lab	srgt LCS, rec	11/17/2021	Organic	Nitrobenzene-d5	n/a	=	94	%	EPA 8270C	-88	-88	51	143	
2021/22-1	Lab	srgt LCS dup	11/17/2021	Organic	Nitrobenzene-d5	n/a	=	17.3	µg/L	EPA 8270C	-88	-88			
2021/22-1	Lab	srgt LCS dup, rec	11/17/2021	Organic	Nitrobenzene-d5	n/a	=	86	%	EPA 8270C	-88	-88	51	143	
2021/22-1	Lab	srgt LCS	11/22/2021	Organic	Nitrobenzene-d5	n/a	=	22.6	µg/L	EPA 625.1	-88	-88			
2021/22-1	Lab	srgt LCS, rec	11/22/2021	Organic	Nitrobenzene-d5	n/a	=	113	%	EPA 625.1	-88	-88	47	120	
2021/22-1	Lab	srgt LCS dup	11/22/2021	Organic	Nitrobenzene-d5	n/a	=	21	µg/L	EPA 625.1	-88	-88			
2021/22-1	Lab	srgt LCS dup, rec	11/22/2021	Organic	Nitrobenzene-d5	n/a	=	105	%	EPA 625.1	-88	-88	47	120	
2021/22-1	Lab	srgt method blank	11/22/2021	Organic	Nitrobenzene-d5	n/a	=	21.3	µg/L	EPA 625.1	-88	-88			
2021/22-1	Lab	srgt method blank, rec	11/22/2021	Organic	Nitrobenzene-d5	n/a	=	106	%	EPA 625.1	-88	-88	47	120	
2021/22-1	ME-CC	srgt environ	11/17/2021	Organic	Nitrobenzene-d5	n/a	=	12.9	µg/L	EPA 8270C	-88	-88			
2021/22-1	ME-CC	srgt environ, rec	11/17/2021	Organic	Nitrobenzene-d5	n/a	=	64	%	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	
2021/22-1	ME-CC	srgt environ	11/22/2021	Organic	Nitrobenzene-d5	n/a	=	15.7	µg/L	EPA 625.1	-88	-88			
2021/22-1	ME-CC	srgt environ, rec	11/22/2021	Organic	Nitrobenzene-d5	n/a	=	78	%	EPA 625.1	-88	-88	47	120	
2021/22-1	ME-SCR	srgt environ	11/17/2021	Organic	Nitrobenzene-d5	n/a	=	16.1	µg/L	EPA 8270C	-88	-88			
2021/22-1	ME-SCR	srgt environ, rec	11/17/2021	Organic	Nitrobenzene-d5	n/a	=	80	%	EPA 8270C	-88	-88	51	143	
2021/22-1	ME-SCR	srgt environ	11/22/2021	Organic	Nitrobenzene-d5	n/a	=	20.4	µg/L	EPA 625.1	-88	-88			
2021/22-1	ME-SCR	srgt environ, rec	11/22/2021	Organic	Nitrobenzene-d5	n/a	=	101	%	EPA 625.1	-88	-88	47	120	
2021/22-1	ME-VR2	srgt environ	11/17/2021	Organic	Nitrobenzene-d5	n/a	=	16.8	µg/L	EPA 8270C	-88	-88			
2021/22-1	ME-VR2	srgt environ, rec	11/17/2021	Organic	Nitrobenzene-d5	n/a	=	83	%	EPA 8270C	-88	-88	51	143	
2021/22-1	ME-VR2	srgt environ	11/22/2021	Organic	Nitrobenzene-d5	n/a	=	20.8	µg/L	EPA 625.1	-88	-88			
2021/22-1	ME-VR2	srgt environ, rec	11/22/2021	Organic	Nitrobenzene-d5	n/a	=	103	%	EPA 625.1	-88	-88	47	120	
2021/22-1	MO-CAM	srgt environ	11/17/2021	Organic	Nitrobenzene-d5	n/a	=	15.4	µg/L	EPA 8270C	-88	-88			
2021/22-1	MO-CAM	srgt environ, rec	11/17/2021	Organic	Nitrobenzene-d5	n/a	=	76	%	EPA 8270C	-88	-88	51	143	
2021/22-1	MO-CAM	srgt environ	11/22/2021	Organic	Nitrobenzene-d5	n/a	=	18.9	µg/L	EPA 625.1	-88	-88			
2021/22-1	MO-CAM	srgt environ, rec	11/22/2021	Organic	Nitrobenzene-d5	n/a	=	93	%	EPA 625.1	-88	-88	47	120	
2021/22-1	MO-FIL	srgt environ	11/17/2021	Organic	Nitrobenzene-d5	n/a	=	14.4	µg/L	EPA 8270C	-88	-88			
2021/22-1	MO-FIL	srgt environ, rec	11/17/2021	Organic	Nitrobenzene-d5	n/a	=	71	%	EPA 8270C	-88	-88	51	143	
2021/22-1	MO-FIL	srgt environ	11/22/2021	Organic	Nitrobenzene-d5	n/a	=	17.7	µg/L	EPA 625.1	-88	-88			
2021/22-1	MO-FIL	srgt environ, rec	11/22/2021	Organic	Nitrobenzene-d5	n/a	=	87	%	EPA 625.1	-88	-88	47	120	
2021/22-1	MO-HUE	srgt environ	11/17/2021	Organic	Nitrobenzene-d5	n/a	=	16.8	µg/L	EPA 8270C	-88	-88			
2021/22-1	MO-HUE	srgt environ, rec	11/17/2021	Organic	Nitrobenzene-d5	n/a	=	84	%	EPA 8270C	-88	-88	51	143	
2021/22-1	MO-HUE	srgt environ	11/23/2021	Organic	Nitrobenzene-d5	n/a	=	20.2	µg/L	EPA 625.1	-88	-88			
2021/22-1	MO-HUE	srgt environ, rec	11/23/2021	Organic	Nitrobenzene-d5	n/a	=	101	%	EPA 625.1	-88	-88	47	120	
2021/22-1	MO-MEI	srgt environ	11/17/2021	Organic	Nitrobenzene-d5	n/a	=	32.8	µg/L	EPA 8270C	-88	-88			
2021/22-1	MO-MEI	srgt environ, rec	11/17/2021	Organic	Nitrobenzene-d5	n/a	=	80	%	EPA 8270C	-88	-88	51	143	
2021/22-1	MO-MEI	srgt environ	11/22/2021	Organic	Nitrobenzene-d5	n/a	=	41.1	µg/L	EPA 625.1	-88	-88			
2021/22-1	MO-MEI	srgt environ, rec	11/22/2021	Organic	Nitrobenzene-d5	n/a	=	100	%	EPA 625.1	-88	-88	47	120	
2021/22-1	MO-MPK	srgt environ	11/17/2021	Organic	Nitrobenzene-d5	n/a	=	7.18	µg/L	EPA 8270C	-88	-88			GN
2021/22-1	MO-MPK	srgt environ, rec	11/17/2021	Organic	Nitrobenzene-d5	n/a	=	34	%	EPA 8270C	-88	-88	51	143	GN
2021/22-1	MO-MPK	srgt environ	11/23/2021	Organic	Nitrobenzene-d5	n/a	=	8.86	µg/L	EPA 625.1	-88	-88			GN
2021/22-1	MO-MPK	srgt environ, rec	11/23/2021	Organic	Nitrobenzene-d5	n/a	=	42	%	EPA 625.1	-88	-88	47	120	GN
2021/22-1	MO-OJA	srgt environ	11/17/2021	Organic	Nitrobenzene-d5	n/a	=	15.9	µg/L	EPA 8270C	-88	-88			
2021/22-1	MO-OJA	srgt environ, rec	11/17/2021	Organic	Nitrobenzene-d5	n/a	=	78	%	EPA 8270C	-88	-88	51	143	
2021/22-1	MO-OJA	srgt environ	11/22/2021	Organic	Nitrobenzene-d5	n/a	=	19.6	µg/L	EPA 625.1	-88	-88			
2021/22-1	MO-OJA	srgt environ, rec	11/22/2021	Organic	Nitrobenzene-d5	n/a	=	96	%	EPA 625.1	-88	-88	47	120	
2021/22-1	MO-OXN	srgt environ	11/17/2021	Organic	Nitrobenzene-d5	n/a	=	16.5	µg/L	EPA 8270C	-88	-88			
2021/22-1	MO-OXN	srgt environ, rec	11/17/2021	Organic	Nitrobenzene-d5	n/a	=	82	%	EPA 8270C	-88	-88	51	143	
2021/22-1	MO-OXN	srgt environ	11/23/2021	Organic	Nitrobenzene-d5	n/a	=	20.2	µg/L	EPA 625.1	-88	-88			
2021/22-1	MO-OXN	srgt environ, rec	11/23/2021	Organic	Nitrobenzene-d5	n/a	=	100	%	EPA 625.1	-88	-88	47	120	
2021/22-1	MO-SIM	srgt environ	11/17/2021	Organic	Nitrobenzene-d5	n/a	=	13.5	µg/L	EPA 8270C	-88	-88			
2021/22-1	MO-SIM	srgt environ, rec	11/17/2021	Organic	Nitrobenzene-d5	n/a	=	67	%	EPA 8270C	-88	-88	51	143	
2021/22-1	MO-SIM	srgt environ	11/22/2021	Organic	Nitrobenzene-d5	n/a	=	16.7	µg/L	EPA 625.1	-88	-88			
2021/22-1	MO-SIM	srgt environ, rec	11/22/2021	Organic	Nitrobenzene-d5	n/a	=	83	%	EPA 625.1	-88	-88	47	120	
2021/22-1	MO-SPA	srgt environ	11/17/2021	Organic	Nitrobenzene-d5	n/a	=	17.3	µg/L	EPA 8270C	-88	-88			
2021/22-1	MO-SPA	srgt environ, rec	11/17/2021	Organic	Nitrobenzene-d5	n/a	=	85	%	EPA 8270C	-88	-88	51	143	
2021/22-1	MO-SPA	srgt environ	11/22/2021	Organic	Nitrobenzene-d5	n/a	=	22	µg/L	EPA 625.1	-88	-88			
2021/22-1	MO-SPA	srgt environ, rec	11/22/2021	Organic	Nitrobenzene-d5	n/a	=	108	%	EPA 625.1	-88	-88	47	120	
2021/22-1	MO-THO	srgt environ	11/17/2021	Organic	Nitrobenzene-d5	n/a	=	10.4	µg/L	EPA 8270C	-88	-88			

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2021/22-1	MO-THO	srgt environ, rec	11/17/2021	Organic	Nitrobenzene-d5	n/a	=	52	%	EPA 8270C	-88	-88	51	143	
2021/22-1	MO-THO	srgt environ	11/23/2021	Organic	Nitrobenzene-d5	n/a	=	12.8	µg/L	EPA 625.1	-88	-88			
2021/22-1	MO-THO	srgt environ, rec	11/23/2021	Organic	Nitrobenzene-d5	n/a	=	63	%	EPA 625.1	-88	-88	47	120	
2021/22-1	MO-VEN	srgt environ	11/17/2021	Organic	Nitrobenzene-d5	n/a	=	17.2	µg/L	EPA 8270C	-88	-88			
2021/22-1	MO-VEN	srgt environ, rec	11/17/2021	Organic	Nitrobenzene-d5	n/a	=	83	%	EPA 8270C	-88	-88	51	143	
2021/22-1	MO-VEN	srgt environ	11/22/2021	Organic	Nitrobenzene-d5	n/a	=	21	µg/L	EPA 625.1	-88	-88			
2021/22-1	MO-VEN	srgt environ, rec	11/22/2021	Organic	Nitrobenzene-d5	n/a	=	102	%	EPA 625.1	-88	-88	47	120	
2021/22-1	Lab	LCS	11/22/2021	Organic	N-Nitrosodimethylamine	n/a	=	11.2	µg/L	EPA 625.1	0.5	1			
2021/22-1	Lab	LCS, rec	11/22/2021	Organic	N-Nitrosodimethylamine	n/a	=	56	%	EPA 625.1	-88	-88	22	120	
2021/22-1	Lab	LCS dup	11/22/2021	Organic	N-Nitrosodimethylamine	n/a	=	9.19	µg/L	EPA 625.1	0.5	1			
2021/22-1	Lab	LCS dup, rec	11/22/2021	Organic	N-Nitrosodimethylamine	n/a	=	46	%	EPA 625.1	-88	-88	22	120	
2021/22-1	Lab	LCS, RPD	11/22/2021	Organic	N-Nitrosodimethylamine	n/a	=	20	%	EPA 625.1	-88	-88	0	30	
2021/22-1	Lab	method blank	11/22/2021	Organic	N-Nitrosodimethylamine	n/a	<	0.5	µg/L	EPA 625.1	0.5	1			
2021/22-1	Lab	LCS	11/22/2021	Organic	N-Nitrosodi-N-propylamine	n/a	=	20.2	µg/L	EPA 625.1	0.26	1			
2021/22-1	Lab	LCS, rec	11/22/2021	Organic	N-Nitrosodi-N-propylamine	n/a	=	101	%	EPA 625.1	-88	-88	14	198	
2021/22-1	Lab	LCS dup	11/22/2021	Organic	N-Nitrosodi-N-propylamine	n/a	=	18.2	µg/L	EPA 625.1	0.26	1			
2021/22-1	Lab	LCS dup, rec	11/22/2021	Organic	N-Nitrosodi-N-propylamine	n/a	=	91	%	EPA 625.1	-88	-88	14	198	
2021/22-1	Lab	LCS, RPD	11/22/2021	Organic	N-Nitrosodi-N-propylamine	n/a	=	10	%	EPA 625.1	-88	-88	0	30	
2021/22-1	Lab	method blank	11/22/2021	Organic	N-Nitrosodi-N-propylamine	n/a	<	0.26	µg/L	EPA 625.1	0.26	1			
2021/22-1	Lab	LCS	11/22/2021	Organic	N-Nitrosodiphenylamine	n/a	=	14.5	µg/L	EPA 625.1	0.19	1			
2021/22-1	Lab	LCS, rec	11/22/2021	Organic	N-Nitrosodiphenylamine	n/a	=	73	%	EPA 625.1	-88	-88	47	120	
2021/22-1	Lab	LCS dup	11/22/2021	Organic	N-Nitrosodiphenylamine	n/a	=	13	µg/L	EPA 625.1	0.19	1			
2021/22-1	Lab	LCS dup, rec	11/22/2021	Organic	N-Nitrosodiphenylamine	n/a	=	65	%	EPA 625.1	-88	-88	47	120	
2021/22-1	Lab	LCS, RPD	11/22/2021	Organic	N-Nitrosodiphenylamine	n/a	=	11	%	EPA 625.1	-88	-88	0	30	
2021/22-1	Lab	method blank	11/22/2021	Organic	N-Nitrosodiphenylamine	n/a	<	0.19	µg/L	EPA 625.1	0.19	1			
2021/22-1	Lab	srgt method blank	11/9/2021	Organic	Perylene-d12	n/a	=	5.51	µg/L	EPA 525.2	-88	-88			
2021/22-1	Lab	srgt method blank, rec	11/9/2021	Organic	Perylene-d12	n/a	=	110	%	EPA 525.2	-88	-88	50	120	
2021/22-1	Lab	srgt LCS dup	11/9/2021	Organic	Perylene-d12	n/a	=	5.51	µg/L	EPA 525.2	-88	-88			
2021/22-1	Lab	srgt LCS dup, rec	11/9/2021	Organic	Perylene-d12	n/a	=	110	%	EPA 525.2	-88	-88	50	120	
2021/22-1	Lab	srgt LCS	11/9/2021	Organic	Perylene-d12	n/a	=	5.54	µg/L	EPA 525.2	-88	-88			
2021/22-1	Lab	srgt LCS, rec	11/9/2021	Organic	Perylene-d12	n/a	=	111	%	EPA 525.2	-88	-88	50	120	
2021/22-1	Lab	srgt method blank	11/15/2021	Organic	Perylene-d12	n/a	=	5.29	µg/L	EPA 525.2	-88	-88			
2021/22-1	Lab	srgt method blank, rec	11/15/2021	Organic	Perylene-d12	n/a	=	106	%	EPA 525.2	-88	-88	50	120	
2021/22-1	Lab	srgt LCS	11/15/2021	Organic	Perylene-d12	n/a	=	5.56	µg/L	EPA 525.2	-88	-88			
2021/22-1	Lab	srgt LCS, rec	11/15/2021	Organic	Perylene-d12	n/a	=	111	%	EPA 525.2	-88	-88	50	120	
2021/22-1	Lab	srgt LCS dup	11/15/2021	Organic	Perylene-d12	n/a	=	5.47	µg/L	EPA 525.2	-88	-88			
2021/22-1	Lab	srgt LCS dup, rec	11/15/2021	Organic	Perylene-d12	n/a	=	109	%	EPA 525.2	-88	-88	50	120	
2021/22-1	Lab	srgt method blank	11/18/2021	Organic	Perylene-d12	n/a	=	5.11	µg/L	EPA 525.2	-88	-88			
2021/22-1	Lab	srgt method blank, rec	11/18/2021	Organic	Perylene-d12	n/a	=	102	%	EPA 525.2	-88	-88	50	120	
2021/22-1	Lab	srgt LCS dup	11/18/2021	Organic	Perylene-d12	n/a	=	5.23	µg/L	EPA 525.2	-88	-88			
2021/22-1	Lab	srgt LCS dup, rec	11/18/2021	Organic	Perylene-d12	n/a	=	105	%	EPA 525.2	-88	-88	50	120	
2021/22-1	Lab	srgt LCS	11/18/2021	Organic	Perylene-d12	n/a	=	5.16	µg/L	EPA 525.2	-88	-88			
2021/22-1	Lab	srgt LCS, rec	11/18/2021	Organic	Perylene-d12	n/a	=	103	%	EPA 525.2	-88	-88	50	120	
2021/22-1	ME-CC	srgt environ	11/9/2021	Organic	Perylene-d12	n/a	=	4.51	µg/L	EPA 525.2	-88	-88			
2021/22-1	ME-CC	srgt environ, rec	11/9/2021	Organic	Perylene-d12	n/a	=	96	%	EPA 525.2	-88	-88	50	120	
2021/22-1	ME-SCR	srgt environ	11/9/2021	Organic	Perylene-d12	n/a	=	4.31	µg/L	EPA 525.2	-88	-88			
2021/22-1	ME-SCR	srgt environ, rec	11/9/2021	Organic	Perylene-d12	n/a	=	90	%	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	
2021/22-1	ME-VR2	srgt environ	11/16/2021	Organic	Perylene-d12	n/a	=	4.84	µg/L	EPA 525.2	-88	-88			
2021/22-1	ME-VR2	srgt environ, rec	11/16/2021	Organic	Perylene-d12	n/a	=	103	%	EPA 525.2	-88	-88	50	120	
2021/22-1	MO-CAM	srgt environ	11/10/2021	Organic	Perylene-d12	n/a	=	3.48	µg/L	EPA 525.2	-88	-88			
2021/22-1	MO-CAM	srgt environ, rec	11/10/2021	Organic	Perylene-d12	n/a	=	73	%	EPA 525.2	-88	-88	50	120	
2021/22-1	MO-FIL	srgt environ	11/9/2021	Organic	Perylene-d12	n/a	=	26.4	µg/L	EPA 525.2	-88	-88			
2021/22-1	MO-FIL	srgt environ, rec	11/9/2021	Organic	Perylene-d12	n/a	=	106	%	EPA 525.2	-88	-88	50	120	
2021/22-1	MO-HUE	srgt environ	11/16/2021	Organic	Perylene-d12	n/a	=	58	µg/L	EPA 525.2	-88	-88			
2021/22-1	MO-HUE	srgt environ, rec	11/16/2021	Organic	Perylene-d12	n/a	=	116	%	EPA 525.2	-88	-88	50	120	
2021/22-1	MO-MEI	srgt environ	11/9/2021	Organic	Perylene-d12	n/a	=	28.5	µg/L	EPA 525.2	-88	-88			
2021/22-1	MO-MEI	srgt environ, rec	11/9/2021	Organic	Perylene-d12	n/a	=	114	%	EPA 525.2	-88	-88	50	120	
2021/22-1	MO-MPK	srgt environ	11/10/2021	Organic	Perylene-d12	n/a	=	3.78	µg/L	EPA 525.2	-88	-88			
2021/22-1	MO-MPK	srgt environ, rec	11/10/2021	Organic	Perylene-d12	n/a	=	79	%	EPA 525.2	-88	-88	50	120	
2021/22-1	MO-OJA	srgt environ	11/9/2021	Organic	Perylene-d12	n/a	=	25.1	µg/L	EPA 525.2	-88	-88			
2021/22-1	MO-OJA	srgt environ, rec	11/9/2021	Organic	Perylene-d12	n/a	=	101	%	EPA 525.2	-88	-88	50	120	
2021/22-1	MO-OXN	srgt environ	11/16/2021	Organic	Perylene-d12	n/a	=	59.9	µg/L	EPA 525.2	-88	-88			
2021/22-1	MO-OXN	srgt environ, rec	11/16/2021	Organic	Perylene-d12	n/a	=	120	%	EPA 525.2	-88	-88	50	120	
2021/22-1	MO-SIM	srgt environ	11/10/2021	Organic	Perylene-d12	n/a	=	3.61	µg/L	EPA 525.2	-88	-88			
2021/22-1	MO-SIM	srgt environ, rec	11/10/2021	Organic	Perylene-d12	n/a	=	76	%	EPA 525.2	-88	-88	50	120	
2021/22-1	MO-SPA	srgt environ	11/9/2021	Organic	Perylene-d12	n/a	=	25.7	µg/L	EPA 525.2	-88	-88			
2021/22-1	MO-SPA	srgt environ, rec	11/9/2021	Organic	Perylene-d12	n/a	=	103	%	EPA 525.2	-88	-88	50	120	
2021/22-1	MO-THO	srgt environ	11/16/2021	Organic	Perylene-d12	n/a	=	55.9	µg/L	EPA 525.2	-88	-88			
2021/22-1	MO-THO	srgt environ, rec	11/16/2021	Organic	Perylene-d12	n/a	=	112	%	EPA 525.2	-88	-88	50	120	
2021/22-1	MO-VEN	srgt environ	11/9/2021	Organic	Perylene-d12	n/a	=	26.5	µg/L	EPA 525.2	-88	-88			
2021/22-1	MO-VEN	srgt environ, rec	11/9/2021	Organic	Perylene-d12	n/a	=	106	%	EPA 525.2	-88	-88	50	120	
2021/22-1	Lab	method blank	11/17/2021	Organic	Phenanthrene	n/a	<	0.029	µg/L	EPA 8270C	0.029	0.1			
2021/22-1	Lab	LCS	11/17/2021	Organic	Phenanthrene	n/a	=	17.5	µg/L	EPA 8270C	0.029	0.1			
2021/22-1	Lab	LCS, rec	11/17/2021	Organic	Phenanthrene	n/a	=	88	%	EPA 8270C	-88	-88	21	131	
2021/22-1	Lab	LCS dup	11/17/2021	Organic	Phenanthrene	n/a	=	15.6	µg/L	EPA 8270C	0.029	0.1			
2021/22-1	Lab	LCS dup, rec	11/17/2021	Organic	Phenanthrene	n/a	=	78	%	EPA 8270C	-88	-88	21	131	
2021/22-1	Lab	LCS, RPD	11/17/2021	Organic	Phenanthrene	n/a	=	11	%	EPA 8270C	-88	-88	0	30	
2021/22-1	Lab	LCS	11/22/2021	Organic	Phenanthrene	n/a	=	18.2	µg/L	EPA 625.1	0.32	1			
2021/22-1	Lab	LCS, rec	11/22/2021	Organic	Phenanthrene	n/a	=	91	%	EPA 625.1	-88	-88	65	120	
2021/22-1	Lab	LCS dup	11/22/2021	Organic	Phenanthrene	n/a	=	17.6	µg/L	EPA 625.1	0.32	1			
2021/22-1	Lab	LCS dup, rec	11/22/2021	Organic	Phenanthrene	n/a	=	88	%	EPA 625.1	-88	-88	65	120	
2021/22-1	Lab	LCS, RPD	11/22/2021	Organic	Phenanthrene	n/a	=	3	%	EPA 625.1	-88	-88	0	30	
2021/22-1	Lab	method blank	11/22/2021	Organic	Phenanthrene	n/a	<	0.32	µg/L	EPA 625.1	0.32	1			
2021/22-1	Lab	method blank	11/19/2021	Organic	Phenol	n/a	<	0.35	µg/L	EPA 8270C	0.35	1			
2021/22-1	Lab	LCS	11/19/2021	Organic	Phenol	n/a	=	7.31	µg/L	EPA 8270C	0.35	1			
2021/22-1	Lab	LCS, rec	11/19/2021	Organic	Phenol	n/a	=	37	%	EPA 8270C	-88	-88	6	43	
2021/22-1	Lab	LCS dup	11/19/2021	Organic	Phenol	n/a	=	6.19	µg/L	EPA 8270C	0.35	1			
2021/22-1	Lab	LCS dup, rec	11/19/2021	Organic	Phenol	n/a	=	31	%	EPA 8270C	-88	-88	6	43	
2021/22-1	Lab	LCS, RPD	11/19/2021	Organic	Phenol	n/a	=	17	%	EPA 8270C	-88	-88	0	30	
2021/22-1	Lab	LCS	11/22/2021	Organic	Phenol	n/a	=	8.01	µg/L	EPA 625.1	0.81	1			
2021/22-1	Lab	LCS, rec	11/22/2021	Organic	Phenol	n/a	=	40	%	EPA 625.1	-88	-88	17	120	
2021/22-1	Lab	LCS dup	11/22/2021	Organic	Phenol	n/a	=	6.77	µg/L	EPA 625.1	0.81	1			
2021/22-1	Lab	LCS dup, rec	11/22/2021	Organic	Phenol	n/a	=	34	%	EPA 625.1	-88	-88	17	120	
2021/22-1	Lab	LCS, RPD	11/22/2021	Organic	Phenol	n/a	=	17	%	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	
2021/22-1	Lab	method blank	11/22/2021	Organic	Phenol	n/a	<	0.81	µg/L	EPA 625.1	0.81	1			
2021/22-1	Lab	srgt method blank	11/19/2021	Organic	Phenol-d5	n/a	=	12.7	µg/L	EPA 8270C	-88	-88			
2021/22-1	Lab	srgt method blank, rec	11/19/2021	Organic	Phenol-d5	n/a	=	32	%	EPA 8270C	-88	-88	5	46	
2021/22-1	Lab	srgt LCS	11/19/2021	Organic	Phenol-d5	n/a	=	13.9	µg/L	EPA 8270C	-88	-88			
2021/22-1	Lab	srgt LCS, rec	11/19/2021	Organic	Phenol-d5	n/a	=	35	%	EPA 8270C	-88	-88	5	46	
2021/22-1	Lab	srgt LCS dup	11/19/2021	Organic	Phenol-d5	n/a	=	12.8	µg/L	EPA 8270C	-88	-88			
2021/22-1	Lab	srgt LCS dup, rec	11/19/2021	Organic	Phenol-d5	n/a	=	32	%	EPA 8270C	-88	-88	5	46	
2021/22-1	Lab	srgt LCS	11/22/2021	Organic	Phenol-d5	n/a	=	13.5	µg/L	EPA 625.1	-88	-88			
2021/22-1	Lab	srgt LCS, rec	11/22/2021	Organic	Phenol-d5	n/a	=	34	%	EPA 625.1	-88	-88	12	120	
2021/22-1	Lab	srgt LCS dup	11/22/2021	Organic	Phenol-d5	n/a	=	12.6	µg/L	EPA 625.1	-88	-88			
2021/22-1	Lab	srgt LCS dup, rec	11/22/2021	Organic	Phenol-d5	n/a	=	31	%	EPA 625.1	-88	-88	12	120	
2021/22-1	Lab	srgt method blank	11/22/2021	Organic	Phenol-d5	n/a	=	13.4	µg/L	EPA 625.1	-88	-88			
2021/22-1	Lab	srgt method blank, rec	11/22/2021	Organic	Phenol-d5	n/a	=	33	%	EPA 625.1	-88	-88	12	120	
2021/22-1	ME-CC	srgt environ	11/19/2021	Organic	Phenol-d5	n/a	=	11.2	µg/L	EPA 8270C	-88	-88			
2021/22-1	ME-CC	srgt environ, rec	11/19/2021	Organic	Phenol-d5	n/a	=	28	%	EPA 8270C	-88	-88	5	46	
2021/22-1	ME-CC	srgt environ	11/22/2021	Organic	Phenol-d5	n/a	=	12.1	µg/L	EPA 625.1	-88	-88			
2021/22-1	ME-CC	srgt environ, rec	11/22/2021	Organic	Phenol-d5	n/a	=	30	%	EPA 625.1	-88	-88	12	120	
2021/22-1	ME-SCR	srgt environ	11/19/2021	Organic	Phenol-d5	n/a	=	12.9	µg/L	EPA 8270C	-88	-88			
2021/22-1	ME-SCR	srgt environ, rec	11/19/2021	Organic	Phenol-d5	n/a	=	32	%	EPA 8270C	-88	-88	5	46	
2021/22-1	ME-SCR	srgt environ	11/22/2021	Organic	Phenol-d5	n/a	=	14.3	µg/L	EPA 625.1	-88	-88			
2021/22-1	ME-SCR	srgt environ, rec	11/22/2021	Organic	Phenol-d5	n/a	=	36	%	EPA 625.1	-88	-88	12	120	
2021/22-1	ME-VR2	srgt environ	11/19/2021	Organic	Phenol-d5	n/a	=	11.6	µg/L	EPA 8270C	-88	-88			
2021/22-1	ME-VR2	srgt environ, rec	11/19/2021	Organic	Phenol-d5	n/a	=	29	%	EPA 8270C	-88	-88	5	46	
2021/22-1	ME-VR2	srgt environ	11/22/2021	Organic	Phenol-d5	n/a	=	12.3	µg/L	EPA 625.1	-88	-88			
2021/22-1	ME-VR2	srgt environ, rec	11/22/2021	Organic	Phenol-d5	n/a	=	30	%	EPA 625.1	-88	-88	12	120	
2021/22-1	MO-CAM	srgt environ	11/19/2021	Organic	Phenol-d5	n/a	=	11.1	µg/L	EPA 8270C	-88	-88			
2021/22-1	MO-CAM	srgt environ, rec	11/19/2021	Organic	Phenol-d5	n/a	=	27	%	EPA 8270C	-88	-88	5	46	
2021/22-1	MO-CAM	srgt environ	11/22/2021	Organic	Phenol-d5	n/a	=	11.8	µg/L	EPA 625.1	-88	-88			
2021/22-1	MO-CAM	srgt environ, rec	11/22/2021	Organic	Phenol-d5	n/a	=	29	%	EPA 625.1	-88	-88	12	120	
2021/22-1	MO-FIL	srgt environ	11/19/2021	Organic	Phenol-d5	n/a	=	9.65	µg/L	EPA 8270C	-88	-88			
2021/22-1	MO-FIL	srgt environ, rec	11/19/2021	Organic	Phenol-d5	n/a	=	24	%	EPA 8270C	-88	-88	5	46	
2021/22-1	MO-FIL	srgt environ	11/22/2021	Organic	Phenol-d5	n/a	=	10.8	µg/L	EPA 625.1	-88	-88			
2021/22-1	MO-FIL	srgt environ, rec	11/22/2021	Organic	Phenol-d5	n/a	=	27	%	EPA 625.1	-88	-88	12	120	
2021/22-1	MO-HUE	srgt environ	11/20/2021	Organic	Phenol-d5	n/a	=	12.3	µg/L	EPA 8270C	-88	-88			
2021/22-1	MO-HUE	srgt environ, rec	11/20/2021	Organic	Phenol-d5	n/a	=	31	%	EPA 8270C	-88	-88	5	46	
2021/22-1	MO-HUE	srgt environ	11/23/2021	Organic	Phenol-d5	n/a	=	13.3	µg/L	EPA 625.1	-88	-88			
2021/22-1	MO-HUE	srgt environ, rec	11/23/2021	Organic	Phenol-d5	n/a	=	33	%	EPA 625.1	-88	-88	12	120	
2021/22-1	MO-MEI	srgt environ	11/19/2021	Organic	Phenol-d5	n/a	=	37	µg/L	EPA 8270C	-88	-88			
2021/22-1	MO-MEI	srgt environ, rec	11/19/2021	Organic	Phenol-d5	n/a	=	45	%	EPA 8270C	-88	-88	5	46	
2021/22-1	MO-MEI	srgt environ	11/22/2021	Organic	Phenol-d5	n/a	=	38.9	µg/L	EPA 625.1	-88	-88			
2021/22-1	MO-MEI	srgt environ, rec	11/22/2021	Organic	Phenol-d5	n/a	=	47	%	EPA 625.1	-88	-88	12	120	
2021/22-1	MO-MPK	srgt environ	11/20/2021	Organic	Phenol-d5	n/a	=	5.63	µg/L	EPA 8270C	-88	-88			
2021/22-1	MO-MPK	srgt environ, rec	11/20/2021	Organic	Phenol-d5	n/a	=	13	%	EPA 8270C	-88	-88	5	46	
2021/22-1	MO-MPK	srgt environ	11/23/2021	Organic	Phenol-d5	n/a	=	6	µg/L	EPA 625.1	-88	-88			
2021/22-1	MO-MPK	srgt environ, rec	11/23/2021	Organic	Phenol-d5	n/a	=	14	%	EPA 625.1	-88	-88	12	120	
2021/22-1	MO-OJA	srgt environ	11/19/2021	Organic	Phenol-d5	n/a	=	12.1	µg/L	EPA 8270C	-88	-88			
2021/22-1	MO-OJA	srgt environ, rec	11/19/2021	Organic	Phenol-d5	n/a	=	30	%	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	
2021/22-1	MO-OJA	srgt environ	11/22/2021	Organic	Phenol-d5	n/a	=	13.1	µg/L	EPA 625.1	-88	-88			
2021/22-1	MO-OJA	srgt environ, rec	11/22/2021	Organic	Phenol-d5	n/a	=	32	%	EPA 625.1	-88	-88	12	120	
2021/22-1	MO-OXN	srgt environ	11/20/2021	Organic	Phenol-d5	n/a	=	11.3	µg/L	EPA 8270C	-88	-88			
2021/22-1	MO-OXN	srgt environ, rec	11/20/2021	Organic	Phenol-d5	n/a	=	28	%	EPA 8270C	-88	-88	5	46	
2021/22-1	MO-OXN	srgt environ	11/23/2021	Organic	Phenol-d5	n/a	=	12.7	µg/L	EPA 625.1	-88	-88			
2021/22-1	MO-OXN	srgt environ, rec	11/23/2021	Organic	Phenol-d5	n/a	=	31	%	EPA 625.1	-88	-88	12	120	
2021/22-1	MO-SIM	srgt environ	11/19/2021	Organic	Phenol-d5	n/a	=	9.59	µg/L	EPA 8270C	-88	-88			
2021/22-1	MO-SIM	srgt environ, rec	11/19/2021	Organic	Phenol-d5	n/a	=	24	%	EPA 8270C	-88	-88	5	46	
2021/22-1	MO-SIM	srgt environ	11/22/2021	Organic	Phenol-d5	n/a	=	10.4	µg/L	EPA 625.1	-88	-88			
2021/22-1	MO-SIM	srgt environ, rec	11/22/2021	Organic	Phenol-d5	n/a	=	26	%	EPA 625.1	-88	-88	12	120	
2021/22-1	MO-SPA	srgt environ	11/19/2021	Organic	Phenol-d5	n/a	=	13.2	µg/L	EPA 8270C	-88	-88			
2021/22-1	MO-SPA	srgt environ, rec	11/19/2021	Organic	Phenol-d5	n/a	=	32	%	EPA 8270C	-88	-88	5	46	
2021/22-1	MO-SPA	srgt environ	11/22/2021	Organic	Phenol-d5	n/a	=	14.9	µg/L	EPA 625.1	-88	-88			
2021/22-1	MO-SPA	srgt environ, rec	11/22/2021	Organic	Phenol-d5	n/a	=	37	%	EPA 625.1	-88	-88	12	120	
2021/22-1	MO-THO	srgt environ	11/20/2021	Organic	Phenol-d5	n/a	=	8.78	µg/L	EPA 8270C	-88	-88			
2021/22-1	MO-THO	srgt environ, rec	11/20/2021	Organic	Phenol-d5	n/a	=	22	%	EPA 8270C	-88	-88	5	46	
2021/22-1	MO-THO	srgt environ	11/23/2021	Organic	Phenol-d5	n/a	=	9.16	µg/L	EPA 625.1	-88	-88			
2021/22-1	MO-THO	srgt environ, rec	11/23/2021	Organic	Phenol-d5	n/a	=	23	%	EPA 625.1	-88	-88	12	120	
2021/22-1	MO-VEN	srgt environ	11/19/2021	Organic	Phenol-d5	n/a	=	12.9	µg/L	EPA 8270C	-88	-88			
2021/22-1	MO-VEN	srgt environ, rec	11/19/2021	Organic	Phenol-d5	n/a	=	31	%	EPA 8270C	-88	-88	5	46	
2021/22-1	MO-VEN	srgt environ	11/22/2021	Organic	Phenol-d5	n/a	=	13.9	µg/L	EPA 625.1	-88	-88			
2021/22-1	MO-VEN	srgt environ, rec	11/22/2021	Organic	Phenol-d5	n/a	=	34	%	EPA 625.1	-88	-88	12	120	
2021/22-1	Lab	srgt method blank	11/17/2021	Organic	p-Terphenyl-d14	n/a	=	22.6	µg/L	EPA 8270C	-88	-88			
2021/22-1	Lab	srgt method blank, rec	11/17/2021	Organic	p-Terphenyl-d14	n/a	=	113	%	EPA 8270C	-88	-88	19	134	
2021/22-1	Lab	srgt LCS	11/17/2021	Organic	p-Terphenyl-d14	n/a	=	23.7	µg/L	EPA 8270C	-88	-88			
2021/22-1	Lab	srgt LCS, rec	11/17/2021	Organic	p-Terphenyl-d14	n/a	=	118	%	EPA 8270C	-88	-88	19	134	
2021/22-1	Lab	srgt LCS dup	11/17/2021	Organic	p-Terphenyl-d14	n/a	=	22.2	µg/L	EPA 8270C	-88	-88			
2021/22-1	Lab	srgt LCS dup, rec	11/17/2021	Organic	p-Terphenyl-d14	n/a	=	111	%	EPA 8270C	-88	-88	19	134	
2021/22-1	Lab	srgt LCS	11/22/2021	Organic	p-Terphenyl-d14	n/a	=	20.2	µg/L	EPA 625.1	-88	-88			
2021/22-1	Lab	srgt LCS, rec	11/22/2021	Organic	p-Terphenyl-d14	n/a	=	101	%	EPA 625.1	-88	-88	44	129	
2021/22-1	Lab	srgt LCS dup	11/22/2021	Organic	p-Terphenyl-d14	n/a	=	20.6	µg/L	EPA 625.1	-88	-88			
2021/22-1	Lab	srgt LCS dup, rec	11/22/2021	Organic	p-Terphenyl-d14	n/a	=	103	%	EPA 625.1	-88	-88	44	129	
2021/22-1	Lab	srgt method blank	11/22/2021	Organic	p-Terphenyl-d14	n/a	=	19.8	µg/L	EPA 625.1	-88	-88			
2021/22-1	Lab	srgt method blank, rec	11/22/2021	Organic	p-Terphenyl-d14	n/a	=	99	%	EPA 625.1	-88	-88	44	129	
2021/22-1	ME-CC	srgt environ	11/17/2021	Organic	p-Terphenyl-d14	n/a	=	16.4	µg/L	EPA 8270C	-88	-88			
2021/22-1	ME-CC	srgt environ, rec	11/17/2021	Organic	p-Terphenyl-d14	n/a	=	81	%	EPA 8270C	-88	-88	19	134	
2021/22-1	ME-CC	srgt environ	11/22/2021	Organic	p-Terphenyl-d14	n/a	=	15.9	µg/L	EPA 625.1	-88	-88			
2021/22-1	ME-CC	srgt environ, rec	11/22/2021	Organic	p-Terphenyl-d14	n/a	=	78	%	EPA 625.1	-88	-88	44	129	
2021/22-1	ME-SCR	srgt environ	11/17/2021	Organic	p-Terphenyl-d14	n/a	=	19.9	µg/L	EPA 8270C	-88	-88			
2021/22-1	ME-SCR	srgt environ, rec	11/17/2021	Organic	p-Terphenyl-d14	n/a	=	99	%	EPA 8270C	-88	-88	19	134	
2021/22-1	ME-SCR	srgt environ	11/22/2021	Organic	p-Terphenyl-d14	n/a	=	18.4	µg/L	EPA 625.1	-88	-88			
2021/22-1	ME-SCR	srgt environ, rec	11/22/2021	Organic	p-Terphenyl-d14	n/a	=	91	%	EPA 625.1	-88	-88	44	129	
2021/22-1	ME-VR2	srgt environ	11/17/2021	Organic	p-Terphenyl-d14	n/a	=	20.1	µg/L	EPA 8270C	-88	-88			
2021/22-1	ME-VR2	srgt environ, rec	11/17/2021	Organic	p-Terphenyl-d14	n/a	=	99	%	EPA 8270C	-88	-88	19	134	
2021/22-1	ME-VR2	srgt environ	11/22/2021	Organic	p-Terphenyl-d14	n/a	=	21.5	µg/L	EPA 625.1	-88	-88			
2021/22-1	ME-VR2	srgt environ, rec	11/22/2021	Organic	p-Terphenyl-d14	n/a	=	106	%	EPA 625.1	-88	-88	44	129	
2021/22-1	MO-CAM	srgt environ	11/17/2021	Organic	p-Terphenyl-d14	n/a	=	19.1	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	
2021/22-1	MO-CAM	srgt environ, rec	11/17/2021	Organic	p-Terphenyl-d14	n/a	=	94	%	EPA 8270C	-88	-88	19	134	
2021/22-1	MO-CAM	srgt environ	11/22/2021	Organic	p-Terphenyl-d14	n/a	=	19.1	µg/L	EPA 625.1	-88	-88			
2021/22-1	MO-CAM	srgt environ, rec	11/22/2021	Organic	p-Terphenyl-d14	n/a	=	94	%	EPA 625.1	-88	-88	44	129	
2021/22-1	MO-FIL	srgt environ	11/17/2021	Organic	p-Terphenyl-d14	n/a	=	16.6	µg/L	EPA 8270C	-88	-88			
2021/22-1	MO-FIL	srgt environ, rec	11/17/2021	Organic	p-Terphenyl-d14	n/a	=	82	%	EPA 8270C	-88	-88	19	134	
2021/22-1	MO-FIL	srgt environ	11/22/2021	Organic	p-Terphenyl-d14	n/a	=	16.4	µg/L	EPA 625.1	-88	-88			
2021/22-1	MO-FIL	srgt environ, rec	11/22/2021	Organic	p-Terphenyl-d14	n/a	=	81	%	EPA 625.1	-88	-88	44	129	
2021/22-1	MO-HUE	srgt environ	11/17/2021	Organic	p-Terphenyl-d14	n/a	=	18	µg/L	EPA 8270C	-88	-88			
2021/22-1	MO-HUE	srgt environ, rec	11/17/2021	Organic	p-Terphenyl-d14	n/a	=	90	%	EPA 8270C	-88	-88	19	134	
2021/22-1	MO-HUE	srgt environ	11/23/2021	Organic	p-Terphenyl-d14	n/a	=	18.4	µg/L	EPA 625.1	-88	-88			
2021/22-1	MO-HUE	srgt environ, rec	11/23/2021	Organic	p-Terphenyl-d14	n/a	=	92	%	EPA 625.1	-88	-88	44	129	
2021/22-1	MO-MEI	srgt environ	11/17/2021	Organic	p-Terphenyl-d14	n/a	=	42.8	µg/L	EPA 8270C	-88	-88			
2021/22-1	MO-MEI	srgt environ, rec	11/17/2021	Organic	p-Terphenyl-d14	n/a	=	104	%	EPA 8270C	-88	-88	19	134	
2021/22-1	MO-MEI	srgt environ	11/22/2021	Organic	p-Terphenyl-d14	n/a	=	40.2	µg/L	EPA 625.1	-88	-88			
2021/22-1	MO-MEI	srgt environ, rec	11/22/2021	Organic	p-Terphenyl-d14	n/a	=	98	%	EPA 625.1	-88	-88	44	129	
2021/22-1	MO-MPK	srgt environ	11/17/2021	Organic	p-Terphenyl-d14	n/a	=	9.65	µg/L	EPA 8270C	-88	-88			
2021/22-1	MO-MPK	srgt environ, rec	11/17/2021	Organic	p-Terphenyl-d14	n/a	=	46	%	EPA 8270C	-88	-88	19	134	
2021/22-1	MO-MPK	srgt environ	11/23/2021	Organic	p-Terphenyl-d14	n/a	=	9.38	µg/L	EPA 625.1	-88	-88			
2021/22-1	MO-MPK	srgt environ, rec	11/23/2021	Organic	p-Terphenyl-d14	n/a	=	45	%	EPA 625.1	-88	-88	44	129	
2021/22-1	MO-OJA	srgt environ	11/17/2021	Organic	p-Terphenyl-d14	n/a	=	20.1	µg/L	EPA 8270C	-88	-88			
2021/22-1	MO-OJA	srgt environ, rec	11/17/2021	Organic	p-Terphenyl-d14	n/a	=	98	%	EPA 8270C	-88	-88	19	134	
2021/22-1	MO-OJA	srgt environ	11/22/2021	Organic	p-Terphenyl-d14	n/a	=	18.4	µg/L	EPA 625.1	-88	-88			
2021/22-1	MO-OJA	srgt environ, rec	11/22/2021	Organic	p-Terphenyl-d14	n/a	=	90	%	EPA 625.1	-88	-88	44	129	
2021/22-1	MO-OXN	srgt environ	11/17/2021	Organic	p-Terphenyl-d14	n/a	=	19.4	µg/L	EPA 8270C	-88	-88			
2021/22-1	MO-OXN	srgt environ, rec	11/17/2021	Organic	p-Terphenyl-d14	n/a	=	96	%	EPA 8270C	-88	-88	19	134	
2021/22-1	MO-OXN	srgt environ	11/23/2021	Organic	p-Terphenyl-d14	n/a	=	19.2	µg/L	EPA 625.1	-88	-88			
2021/22-1	MO-OXN	srgt environ, rec	11/23/2021	Organic	p-Terphenyl-d14	n/a	=	95	%	EPA 625.1	-88	-88	44	129	
2021/22-1	MO-SIM	srgt environ	11/17/2021	Organic	p-Terphenyl-d14	n/a	=	16.7	µg/L	EPA 8270C	-88	-88			
2021/22-1	MO-SIM	srgt environ, rec	11/17/2021	Organic	p-Terphenyl-d14	n/a	=	83	%	EPA 8270C	-88	-88	19	134	
2021/22-1	MO-SIM	srgt environ	11/22/2021	Organic	p-Terphenyl-d14	n/a	=	16	µg/L	EPA 625.1	-88	-88			
2021/22-1	MO-SIM	srgt environ, rec	11/22/2021	Organic	p-Terphenyl-d14	n/a	=	80	%	EPA 625.1	-88	-88	44	129	
2021/22-1	MO-SPA	srgt environ	11/17/2021	Organic	p-Terphenyl-d14	n/a	=	19.3	µg/L	EPA 8270C	-88	-88			
2021/22-1	MO-SPA	srgt environ, rec	11/17/2021	Organic	p-Terphenyl-d14	n/a	=	95	%	EPA 8270C	-88	-88	19	134	
2021/22-1	MO-SPA	srgt environ	11/22/2021	Organic	p-Terphenyl-d14	n/a	=	21.6	µg/L	EPA 625.1	-88	-88			
2021/22-1	MO-SPA	srgt environ, rec	11/22/2021	Organic	p-Terphenyl-d14	n/a	=	106	%	EPA 625.1	-88	-88	44	129	
2021/22-1	MO-THO	srgt environ	11/17/2021	Organic	p-Terphenyl-d14	n/a	=	12.5	µg/L	EPA 8270C	-88	-88			
2021/22-1	MO-THO	srgt environ, rec	11/17/2021	Organic	p-Terphenyl-d14	n/a	=	62	%	EPA 8270C	-88	-88	19	134	
2021/22-1	MO-THO	srgt environ	11/23/2021	Organic	p-Terphenyl-d14	n/a	=	11.6	µg/L	EPA 625.1	-88	-88			
2021/22-1	MO-THO	srgt environ, rec	11/23/2021	Organic	p-Terphenyl-d14	n/a	=	57	%	EPA 625.1	-88	-88	44	129	
2021/22-1	MO-VEN	srgt environ	11/17/2021	Organic	p-Terphenyl-d14	n/a	=	19.1	µg/L	EPA 8270C	-88	-88			
2021/22-1	MO-VEN	srgt environ, rec	11/17/2021	Organic	p-Terphenyl-d14	n/a	=	93	%	EPA 8270C	-88	-88	19	134	
2021/22-1	MO-VEN	srgt environ	11/22/2021	Organic	p-Terphenyl-d14	n/a	=	19.2	µg/L	EPA 625.1	-88	-88			
2021/22-1	MO-VEN	srgt environ, rec	11/22/2021	Organic	p-Terphenyl-d14	n/a	=	94	%	EPA 625.1	-88	-88	44	129	
2021/22-1	Lab	method blank	11/17/2021	Organic	Pyrene	n/a	<	0.04	µg/L	EPA 8270C	0.04	0.1			
2021/22-1	Lab	LCS	11/17/2021	Organic	Pyrene	n/a	=	21.4	µg/L	EPA 8270C	0.04	0.1			
2021/22-1	Lab	LCS, rec	11/17/2021	Organic	Pyrene	n/a	=	107	%	EPA 8270C	-88	-88	26	128	
2021/22-1	Lab	LCS dup	11/17/2021	Organic	Pyrene	n/a	=	18.9	µg/L	EPA 8270C	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	
2021/22-1	Lab	LCS dup, rec	11/17/2021	Organic	Pyrene	n/a	=	94	%	EPA 8270C	-88	-88	26	128	
2021/22-1	Lab	LCS, RPD	11/17/2021	Organic	Pyrene	n/a	=	13	%	EPA 8270C	-88	-88	0	30	
2021/22-1	Lab	LCS	11/22/2021	Organic	Pyrene	n/a	=	16.9	µg/L	EPA 625.1	0.25	1			
2021/22-1	Lab	LCS, rec	11/22/2021	Organic	Pyrene	n/a	=	85	%	EPA 625.1	-88	-88	70	120	
2021/22-1	Lab	LCS dup	11/22/2021	Organic	Pyrene	n/a	=	16.1	µg/L	EPA 625.1	0.25	1			
2021/22-1	Lab	LCS dup, rec	11/22/2021	Organic	Pyrene	n/a	=	80	%	EPA 625.1	-88	-88	70	120	
2021/22-1	Lab	LCS, RPD	11/22/2021	Organic	Pyrene	n/a	=	5	%	EPA 625.1	-88	-88	0	30	
2021/22-1	Lab	method blank	11/22/2021	Organic	Pyrene	n/a	<	0.25	µg/L	EPA 625.1	0.25	1			
2021/22-1	000NONPJ	srgt matrix spike	12/6/2021	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.065	µg/L	EPA 608.3	-88	-88			
2021/22-1	000NONPJ	srgt matrix spike, rec	12/6/2021	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	65	%	EPA 608.3	-88	-88	32	130	
2021/22-1	000NONPJ	srgt matrix spike dup	12/6/2021	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0721	µg/L	EPA 608.3	-88	-88			
2021/22-1	000NONPJ	srgt matrix spike dup, rec	12/6/2021	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	72	%	EPA 608.3	-88	-88	32	130	
2021/22-1	Lab	srgt method blank	12/6/2021	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0764	µg/L	EPA 608.3	-88	-88			
2021/22-1	Lab	srgt method blank, rec	12/6/2021	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	76	%	EPA 608.3	-88	-88	32	130	
2021/22-1	Lab	srgt LCS	12/6/2021	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0789	µg/L	EPA 608.3	-88	-88			
2021/22-1	Lab	srgt LCS, rec	12/6/2021	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	79	%	EPA 608.3	-88	-88	32	130	
2021/22-1	Lab	srgt method blank	12/10/2021	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0769	µg/L	EPA 608.3	-88	-88			
2021/22-1	Lab	srgt method blank, rec	12/10/2021	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	77	%	EPA 608.3	-88	-88	32	130	
2021/22-1	Lab	srgt LCS	12/10/2021	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0685	µg/L	EPA 608.3	-88	-88			
2021/22-1	Lab	srgt LCS, rec	12/10/2021	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	68	%	EPA 608.3	-88	-88	32	130	
2021/22-1	Lab	srgt LCS dup	12/10/2021	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0785	µg/L	EPA 608.3	-88	-88			
2021/22-1	Lab	srgt LCS dup, rec	12/10/2021	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	79	%	EPA 608.3	-88	-88	32	130	
2021/22-1	ME-CC	srgt environ	12/10/2021	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0675	µg/L	EPA 608.3	-88	-88			
2021/22-1	ME-CC	srgt environ, rec	12/10/2021	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	66	%	EPA 608.3	-88	-88	35	111	
2021/22-1	ME-SCR	srgt environ	12/10/2021	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0614	µg/L	EPA 608.3	-88	-88			
2021/22-1	ME-SCR	srgt environ, rec	12/10/2021	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	61	%	EPA 608.3	-88	-88	35	111	
2021/22-1	ME-VR2	srgt environ	12/10/2021	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0571	µg/L	EPA 608.3	-88	-88			
2021/22-1	ME-VR2	srgt environ, rec	12/10/2021	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	56	%	EPA 608.3	-88	-88	35	111	
2021/22-1	MO-CAM	srgt environ	12/7/2021	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0574	µg/L	EPA 608.3	-88	-88			
2021/22-1	MO-CAM	srgt environ, rec	12/7/2021	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	56	%	EPA 608.3	-88	-88	35	111	
2021/22-1	MO-FIL	srgt environ	12/10/2021	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0613	µg/L	EPA 608.3	-88	-88			
2021/22-1	MO-FIL	srgt environ, rec	12/10/2021	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	61	%	EPA 608.3	-88	-88	35	111	
2021/22-1	MO-HUE	srgt environ	12/11/2021	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0489	µg/L	EPA 608.3	-88	-88			
2021/22-1	MO-HUE	srgt environ, rec	12/11/2021	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	49	%	EPA 608.3	-88	-88	35	111	
2021/22-1	MO-MEI	srgt environ	12/10/2021	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.124	µg/L	EPA 608.3	-88	-88			
2021/22-1	MO-MEI	srgt environ, rec	12/10/2021	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	58	%	EPA 608.3	-88	-88	35	111	
2021/22-1	MO-MPK	srgt environ	12/10/2021	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0508	µg/L	EPA 608.3	-88	-88			
2021/22-1	MO-MPK	srgt environ, rec	12/10/2021	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	51	%	EPA 608.3	-88	-88	35	111	
2021/22-1	MO-OJA	srgt environ	12/10/2021	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0525	µg/L	EPA 608.3	-88	-88			
2021/22-1	MO-OJA	srgt environ, rec	12/10/2021	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	51	%	EPA 608.3	-88	-88	35	111	
2021/22-1	MO-OXN	srgt environ	12/11/2021	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0522	µg/L	EPA 608.3	-88	-88			
2021/22-1	MO-OXN	srgt environ, rec	12/11/2021	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	52	%	EPA 608.3	-88	-88	35	111	
2021/22-1	MO-SIM	srgt environ	12/7/2021	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0598	µg/L	EPA 608.3	-88	-88			
2021/22-1	MO-SIM	srgt environ, rec	12/7/2021	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	57	%	EPA 608.3	-88	-88	35	111	
2021/22-1	MO-SPA	srgt environ	12/10/2021	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0634	µg/L	EPA 608.3	-88	-88			
2021/22-1	MO-SPA	srgt environ, rec	12/10/2021	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	62	%	EPA 608.3	-88	-88	35	111	
2021/22-1	MO-THO	srgt environ	12/10/2021	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0485	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	
2021/22-1	MO-THO	srgt environ, rec	12/10/2021	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	47	%	EPA 608.3	-88	-88	35	111	
2021/22-1	MO-VEN	srgt environ	12/10/2021	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0525	µg/L	EPA 608.3	-88	-88			
2021/22-1	MO-VEN	srgt environ, rec	12/10/2021	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	52	%	EPA 608.3	-88	-88	35	111	
2021/22-1	Lab	srgt LCS	10/27/2021	Organic	Toluene-d8	n/a	=	52	µg/L	EPA 624.1	-88	-88			
2021/22-1	Lab	srgt LCS, rec	10/27/2021	Organic	Toluene-d8	n/a	=	104	%	EPA 624.1	-88	-88	92	112	
2021/22-1	Lab	srgt LCS dup	10/27/2021	Organic	Toluene-d8	n/a	=	51.3	µg/L	EPA 624.1	-88	-88			
2021/22-1	Lab	srgt LCS dup, rec	10/27/2021	Organic	Toluene-d8	n/a	=	103	%	EPA 624.1	-88	-88	92	112	
2021/22-1	Lab	srgt method blank	10/27/2021	Organic	Toluene-d8	n/a	=	50.3	µg/L	EPA 624.1	-88	-88			
2021/22-1	Lab	srgt method blank, rec	10/27/2021	Organic	Toluene-d8	n/a	=	101	%	EPA 624.1	-88	-88	92	112	
2021/22-1	Lab	srgt LCS	10/28/2021	Organic	Toluene-d8	n/a	=	52.2	µg/L	EPA 624.1	-88	-88			
2021/22-1	Lab	srgt LCS, rec	10/28/2021	Organic	Toluene-d8	n/a	=	104	%	EPA 624.1	-88	-88	92	112	
2021/22-1	Lab	srgt LCS dup	10/28/2021	Organic	Toluene-d8	n/a	=	51.3	µg/L	EPA 624.1	-88	-88			
2021/22-1	Lab	srgt LCS dup, rec	10/28/2021	Organic	Toluene-d8	n/a	=	103	%	EPA 624.1	-88	-88	92	112	
2021/22-1	Lab	srgt method blank	10/28/2021	Organic	Toluene-d8	n/a	=	49.4	µg/L	EPA 624.1	-88	-88			
2021/22-1	Lab	srgt method blank, rec	10/28/2021	Organic	Toluene-d8	n/a	=	99	%	EPA 624.1	-88	-88	92	112	
2021/22-1	Lab	srgt LCS	10/29/2021	Organic	Toluene-d8	n/a	=	52.3	µg/L	EPA 624.1	-88	-88			
2021/22-1	Lab	srgt LCS, rec	10/29/2021	Organic	Toluene-d8	n/a	=	105	%	EPA 624.1	-88	-88	92	112	
2021/22-1	Lab	srgt LCS dup	10/29/2021	Organic	Toluene-d8	n/a	=	52.2	µg/L	EPA 624.1	-88	-88			
2021/22-1	Lab	srgt LCS dup, rec	10/29/2021	Organic	Toluene-d8	n/a	=	104	%	EPA 624.1	-88	-88	92	112	
2021/22-1	Lab	srgt method blank	10/29/2021	Organic	Toluene-d8	n/a	=	50	µg/L	EPA 624.1	-88	-88			
2021/22-1	Lab	srgt method blank, rec	10/29/2021	Organic	Toluene-d8	n/a	=	100	%	EPA 624.1	-88	-88	92	112	
2021/22-1	ME-CC	srgt environ	10/27/2021	Organic	Toluene-d8	n/a	=	50.4	µg/L	EPA 624.1	-88	-88			
2021/22-1	ME-CC	srgt environ, rec	10/27/2021	Organic	Toluene-d8	n/a	=	101	%	EPA 624.1	-88	-88	92	112	
2021/22-1	ME-SCR	srgt environ	10/28/2021	Organic	Toluene-d8	n/a	=	50.5	µg/L	EPA 624.1	-88	-88			
2021/22-1	ME-SCR	srgt environ, rec	10/28/2021	Organic	Toluene-d8	n/a	=	101	%	EPA 624.1	-88	-88	92	112	
2021/22-1	ME-VR2	srgt environ	10/29/2021	Organic	Toluene-d8	n/a	=	49.9	µg/L	EPA 624.1	-88	-88			
2021/22-1	ME-VR2	srgt environ, rec	10/29/2021	Organic	Toluene-d8	n/a	=	100	%	EPA 624.1	-88	-88	92	112	
2021/22-1	MO-CAM	srgt environ	10/27/2021	Organic	Toluene-d8	n/a	=	50	µg/L	EPA 624.1	-88	-88			
2021/22-1	MO-CAM	srgt environ, rec	10/27/2021	Organic	Toluene-d8	n/a	=	100	%	EPA 624.1	-88	-88	92	112	
2021/22-1	MO-FIL	srgt environ	10/29/2021	Organic	Toluene-d8	n/a	=	50.1	µg/L	EPA 624.1	-88	-88			
2021/22-1	MO-FIL	srgt environ, rec	10/29/2021	Organic	Toluene-d8	n/a	=	100	%	EPA 624.1	-88	-88	92	112	
2021/22-1	MO-HUE	srgt environ	10/28/2021	Organic	Toluene-d8	n/a	=	50	µg/L	EPA 624.1	-88	-88			
2021/22-1	MO-HUE	srgt environ, rec	10/28/2021	Organic	Toluene-d8	n/a	=	100	%	EPA 624.1	-88	-88	92	112	
2021/22-1	MO-MEI	srgt environ	10/29/2021	Organic	Toluene-d8	n/a	=	50.4	µg/L	EPA 624.1	-88	-88			
2021/22-1	MO-MEI	srgt environ, rec	10/29/2021	Organic	Toluene-d8	n/a	=	101	%	EPA 624.1	-88	-88	92	112	
2021/22-1	MO-MPK	srgt environ	10/28/2021	Organic	Toluene-d8	n/a	=	50.1	µg/L	EPA 624.1	-88	-88			
2021/22-1	MO-MPK	srgt environ, rec	10/28/2021	Organic	Toluene-d8	n/a	=	100	%	EPA 624.1	-88	-88	92	112	
2021/22-1	MO-OJA	srgt field blank	10/28/2021	Organic	Toluene-d8	n/a	=	50.6	µg/L	EPA 624.1	-88	-88			
2021/22-1	MO-OJA	srgt field blank, rec	10/28/2021	Organic	Toluene-d8	n/a	=	101	%	EPA 624.1	-88	-88	92	112	
2021/22-1	MO-OJA	srgt environ	10/29/2021	Organic	Toluene-d8	n/a	=	50.2	µg/L	EPA 624.1	-88	-88			
2021/22-1	MO-OJA	srgt environ, rec	10/29/2021	Organic	Toluene-d8	n/a	=	100	%	EPA 624.1	-88	-88	92	112	
2021/22-1	MO-OXN	srgt environ	10/29/2021	Organic	Toluene-d8	n/a	=	50.4	µg/L	EPA 624.1	-88	-88			
2021/22-1	MO-OXN	srgt environ, rec	10/29/2021	Organic	Toluene-d8	n/a	=	101	%	EPA 624.1	-88	-88	92	112	
2021/22-1	MO-SIM	srgt environ	10/27/2021	Organic	Toluene-d8	n/a	=	49.4	µg/L	EPA 624.1	-88	-88			
2021/22-1	MO-SIM	srgt environ, rec	10/27/2021	Organic	Toluene-d8	n/a	=	99	%	EPA 624.1	-88	-88	92	112	
2021/22-1	MO-SPA	srgt environ	10/29/2021	Organic	Toluene-d8	n/a	=	50.6	µg/L	EPA 624.1	-88	-88			
2021/22-1	MO-SPA	srgt environ, rec	10/29/2021	Organic	Toluene-d8	n/a	=	101	%	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	
2021/22-1	MO-SPA	srgt environ	10/29/2021	Organic	Toluene-d8	n/a	=	50.6	µg/L	EPA 624.1	-88	-88			
2021/22-1	MO-SPA	srgt environ, rec	10/29/2021	Organic	Toluene-d8	n/a	=	101	%	EPA 624.1	-88	-88	92	112	
2021/22-1	MO-THO	srgt environ	10/28/2021	Organic	Toluene-d8	n/a	=	50.4	µg/L	EPA 624.1	-88	-88			
2021/22-1	MO-THO	srgt environ, rec	10/28/2021	Organic	Toluene-d8	n/a	=	101	%	EPA 624.1	-88	-88	92	112	
2021/22-1	MO-VEN	srgt environ	10/29/2021	Organic	Toluene-d8	n/a	=	50.2	µg/L	EPA 624.1	-88	-88			
2021/22-1	MO-VEN	srgt environ, rec	10/29/2021	Organic	Toluene-d8	n/a	=	100	%	EPA 624.1	-88	-88	92	112	
2021/22-1	Lab	srgt LCS	11/5/2021	Organic	Triphenylphosphate	n/a	=	0.598	µg/L	EPA 625.1m	-88	-88			
2021/22-1	Lab	srgt LCS, rec	11/5/2021	Organic	Triphenylphosphate	n/a	=	120	%	EPA 625.1m	-88	-88	50	150	
2021/22-1	Lab	srgt method blank	11/5/2021	Organic	Triphenylphosphate	n/a	=	0.617	µg/L	EPA 625.1m	-88	-88			
2021/22-1	Lab	srgt method blank, rec	11/5/2021	Organic	Triphenylphosphate	n/a	=	123	%	EPA 625.1m	-88	-88	50	150	
2021/22-1	Lab	srgt method blank	11/9/2021	Organic	Triphenylphosphate	n/a	=	5.13	µg/L	EPA 525.2	-88	-88			
2021/22-1	Lab	srgt method blank, rec	11/9/2021	Organic	Triphenylphosphate	n/a	=	103	%	EPA 525.2	-88	-88	70	130	
2021/22-1	Lab	srgt LCS dup	11/9/2021	Organic	Triphenylphosphate	n/a	=	5.92	µg/L	EPA 525.2	-88	-88			
2021/22-1	Lab	srgt LCS dup, rec	11/9/2021	Organic	Triphenylphosphate	n/a	=	118	%	EPA 525.2	-88	-88	70	130	
2021/22-1	Lab	srgt LCS	11/9/2021	Organic	Triphenylphosphate	n/a	=	6.06	µg/L	EPA 525.2	-88	-88			
2021/22-1	Lab	srgt LCS, rec	11/9/2021	Organic	Triphenylphosphate	n/a	=	121	%	EPA 525.2	-88	-88	70	130	
2021/22-1	Lab	srgt LCS	11/12/2021	Organic	Triphenylphosphate	n/a	=	0.556	µg/L	EPA 625.1m	-88	-88			
2021/22-1	Lab	srgt LCS, rec	11/12/2021	Organic	Triphenylphosphate	n/a	=	111	%	EPA 625.1m	-88	-88	40	200	
2021/22-1	Lab	srgt method blank	11/12/2021	Organic	Triphenylphosphate	n/a	=	0.664	µg/L	EPA 625.1m	-88	-88			
2021/22-1	Lab	srgt method blank, rec	11/12/2021	Organic	Triphenylphosphate	n/a	=	133	%	EPA 625.1m	-88	-88	40	200	
2021/22-1	Lab	srgt method blank	11/15/2021	Organic	Triphenylphosphate	n/a	=	5.66	µg/L	EPA 525.2	-88	-88			
2021/22-1	Lab	srgt method blank, rec	11/15/2021	Organic	Triphenylphosphate	n/a	=	113	%	EPA 525.2	-88	-88	70	130	
2021/22-1	Lab	srgt LCS	11/15/2021	Organic	Triphenylphosphate	n/a	=	6.06	µg/L	EPA 525.2	-88	-88			
2021/22-1	Lab	srgt LCS, rec	11/15/2021	Organic	Triphenylphosphate	n/a	=	121	%	EPA 525.2	-88	-88	70	130	
2021/22-1	Lab	srgt LCS dup	11/15/2021	Organic	Triphenylphosphate	n/a	=	6.19	µg/L	EPA 525.2	-88	-88			
2021/22-1	Lab	srgt LCS dup, rec	11/15/2021	Organic	Triphenylphosphate	n/a	=	124	%	EPA 525.2	-88	-88	70	130	
2021/22-1	Lab	srgt method blank	11/18/2021	Organic	Triphenylphosphate	n/a	=	4.58	µg/L	EPA 525.2	-88	-88			
2021/22-1	Lab	srgt method blank, rec	11/18/2021	Organic	Triphenylphosphate	n/a	=	92	%	EPA 525.2	-88	-88	70	130	
2021/22-1	Lab	srgt LCS dup	11/18/2021	Organic	Triphenylphosphate	n/a	=	5.32	µg/L	EPA 525.2	-88	-88			
2021/22-1	Lab	srgt LCS dup, rec	11/18/2021	Organic	Triphenylphosphate	n/a	=	106	%	EPA 525.2	-88	-88	70	130	
2021/22-1	Lab	srgt LCS	11/18/2021	Organic	Triphenylphosphate	n/a	=	5.35	µg/L	EPA 525.2	-88	-88			
2021/22-1	Lab	srgt LCS, rec	11/18/2021	Organic	Triphenylphosphate	n/a	=	107	%	EPA 525.2	-88	-88	70	130	
2021/22-1	ME-CC	srgt matrix spike	11/5/2021	Organic	Triphenylphosphate	n/a	=	3.84	µg/L	EPA 625.1m	-88	-88			GN
2021/22-1	ME-CC	srgt matrix spike, rec	11/5/2021	Organic	Triphenylphosphate	n/a	=	154	%	EPA 625.1m	-88	-88	50	150	GN
2021/22-1	ME-CC	srgt matrix spike dup	11/5/2021	Organic	Triphenylphosphate	n/a	=	3.77	µg/L	EPA 625.1m	-88	-88			GN
2021/22-1	ME-CC	srgt matrix spike dup, rec	11/5/2021	Organic	Triphenylphosphate	n/a	=	151	%	EPA 625.1m	-88	-88	50	150	GN
2021/22-1	ME-CC	srgt environ	11/5/2021	Organic	Triphenylphosphate	n/a	=	3.76	µg/L	EPA 625.1m	-88	-88			
2021/22-1	ME-CC	srgt environ, rec	11/5/2021	Organic	Triphenylphosphate	n/a	=	151	%	EPA 625.1m	-88	-88	40	200	
2021/22-1	ME-CC	srgt environ	11/9/2021	Organic	Triphenylphosphate	n/a	=	6.31	µg/L	EPA 525.2	-88	-88			GN
2021/22-1	ME-CC	srgt environ, rec	11/9/2021	Organic	Triphenylphosphate	n/a	=	134	%	EPA 525.2	-88	-88	70	130	GN
2021/22-1	ME-SCR	srgt environ	11/5/2021	Organic	Triphenylphosphate	n/a	=	4.75	µg/L	EPA 625.1m	-88	-88			
2021/22-1	ME-SCR	srgt environ, rec	11/5/2021	Organic	Triphenylphosphate	n/a	=	190	%	EPA 625.1m	-88	-88	40	200	
2021/22-1	ME-SCR	srgt environ	11/9/2021	Organic	Triphenylphosphate	n/a	=	6.31	µg/L	EPA 525.2	-88	-88			GN
2021/22-1	ME-SCR	srgt environ, rec	11/9/2021	Organic	Triphenylphosphate	n/a	=	132	%	EPA 525.2	-88	-88	70	130	GN
2021/22-1	ME-VR2	srgt environ	11/5/2021	Organic	Triphenylphosphate	n/a	=	0.674	µg/L	EPA 625.1m	-88	-88			
2021/22-1	ME-VR2	srgt environ, rec	11/5/2021	Organic	Triphenylphosphate	n/a	=	135	%	EPA 625.1m	-88	-88	40	200	
2021/22-1	ME-VR2	srgt environ	11/16/2021	Organic	Triphenylphosphate	n/a	=	6.08	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	
2021/22-1	ME-VR2	srgt environ, rec	11/16/2021	Organic	Triphenylphosphate	n/a	=	129	%	EPA 525.2	-88	-88	70	130	
2021/22-1	MO-CAM	srgt environ	11/5/2021	Organic	Triphenylphosphate	n/a	=	4.09	µg/L	EPA 625.1m	-88	-88			
2021/22-1	MO-CAM	srgt environ, rec	11/5/2021	Organic	Triphenylphosphate	n/a	=	164	%	EPA 625.1m	-88	-88	40	200	
2021/22-1	MO-CAM	srgt environ	11/10/2021	Organic	Triphenylphosphate	n/a	=	6.61	µg/L	EPA 525.2	-88	-88			GN
2021/22-1	MO-CAM	srgt environ, rec	11/10/2021	Organic	Triphenylphosphate	n/a	=	139	%	EPA 525.2	-88	-88	70	130	GN
2021/22-1	MO-FIL	srgt environ	11/9/2021	Organic	Triphenylphosphate	n/a	=	32.3	µg/L	EPA 525.2	-88	-88			
2021/22-1	MO-FIL	srgt environ, rec	11/9/2021	Organic	Triphenylphosphate	n/a	=	129	%	EPA 525.2	-88	-88	70	130	
2021/22-1	MO-FIL	srgt environ	11/12/2021	Organic	Triphenylphosphate	n/a	=	4.07	µg/L	EPA 625.1m	-88	-88			
2021/22-1	MO-FIL	srgt environ, rec	11/12/2021	Organic	Triphenylphosphate	n/a	=	163	%	EPA 625.1m	-88	-88	40	200	
2021/22-1	MO-HUE	srgt environ	11/6/2021	Organic	Triphenylphosphate	n/a	=	4.1	µg/L	EPA 625.1m	-88	-88			
2021/22-1	MO-HUE	srgt environ, rec	11/6/2021	Organic	Triphenylphosphate	n/a	=	164	%	EPA 625.1m	-88	-88	40	200	
2021/22-1	MO-HUE	srgt environ	11/16/2021	Organic	Triphenylphosphate	n/a	=	60.3	µg/L	EPA 525.2	-88	-88			
2021/22-1	MO-HUE	srgt environ, rec	11/16/2021	Organic	Triphenylphosphate	n/a	=	121	%	EPA 525.2	-88	-88	70	130	
2021/22-1	MO-MEI	srgt environ	11/5/2021	Organic	Triphenylphosphate	n/a	=	1.13	µg/L	EPA 625.1m	-88	-88			GN
2021/22-1	MO-MEI	srgt environ, rec	11/5/2021	Organic	Triphenylphosphate	n/a	=	226	%	EPA 625.1m	-88	-88	40	200	GN
2021/22-1	MO-MEI	srgt environ	11/9/2021	Organic	Triphenylphosphate	n/a	=	31.3	µg/L	EPA 525.2	-88	-88			
2021/22-1	MO-MEI	srgt environ, rec	11/9/2021	Organic	Triphenylphosphate	n/a	=	125	%	EPA 525.2	-88	-88	70	130	
2021/22-1	MO-MPK	srgt environ	11/10/2021	Organic	Triphenylphosphate	n/a	=	6.59	µg/L	EPA 525.2	-88	-88			GN
2021/22-1	MO-MPK	srgt environ, rec	11/10/2021	Organic	Triphenylphosphate	n/a	=	138	%	EPA 525.2	-88	-88	70	130	GN
2021/22-1	MO-MPK	srgt environ	11/12/2021	Organic	Triphenylphosphate	n/a	=	4.09	µg/L	EPA 625.1m	-88	-88			
2021/22-1	MO-MPK	srgt environ, rec	11/12/2021	Organic	Triphenylphosphate	n/a	=	164	%	EPA 625.1m	-88	-88	40	200	
2021/22-1	MO-OJA	srgt environ	11/9/2021	Organic	Triphenylphosphate	n/a	=	32.2	µg/L	EPA 525.2	-88	-88			
2021/22-1	MO-OJA	srgt environ, rec	11/9/2021	Organic	Triphenylphosphate	n/a	=	129	%	EPA 525.2	-88	-88	70	130	
2021/22-1	MO-OJA	srgt matrix spike	11/12/2021	Organic	Triphenylphosphate	n/a	=	3.4	µg/L	EPA 625.1m	-88	-88			
2021/22-1	MO-OJA	srgt matrix spike, rec	11/12/2021	Organic	Triphenylphosphate	n/a	=	136	%	EPA 625.1m	-88	-88	40	200	
2021/22-1	MO-OJA	srgt matrix spike dup	11/12/2021	Organic	Triphenylphosphate	n/a	=	3.26	µg/L	EPA 625.1m	-88	-88			
2021/22-1	MO-OJA	srgt matrix spike dup, rec	11/12/2021	Organic	Triphenylphosphate	n/a	=	130	%	EPA 625.1m	-88	-88	40	200	
2021/22-1	MO-OJA	srgt environ	11/12/2021	Organic	Triphenylphosphate	n/a	=	0.864	µg/L	EPA 625.1m	-88	-88			
2021/22-1	MO-OJA	srgt environ, rec	11/12/2021	Organic	Triphenylphosphate	n/a	=	173	%	EPA 625.1m	-88	-88	40	200	
2021/22-1	MO-OXN	srgt environ	11/6/2021	Organic	Triphenylphosphate	n/a	=	3.84	µg/L	EPA 625.1m	-88	-88			
2021/22-1	MO-OXN	srgt environ, rec	11/6/2021	Organic	Triphenylphosphate	n/a	=	153	%	EPA 625.1m	-88	-88	40	200	
2021/22-1	MO-OXN	srgt environ	11/16/2021	Organic	Triphenylphosphate	n/a	=	63.9	µg/L	EPA 525.2	-88	-88			
2021/22-1	MO-OXN	srgt environ, rec	11/16/2021	Organic	Triphenylphosphate	n/a	=	128	%	EPA 525.2	-88	-88	70	130	
2021/22-1	MO-SIM	srgt environ	11/5/2021	Organic	Triphenylphosphate	n/a	=	3.88	µg/L	EPA 625.1m	-88	-88			
2021/22-1	MO-SIM	srgt environ, rec	11/5/2021	Organic	Triphenylphosphate	n/a	=	155	%	EPA 625.1m	-88	-88	40	200	
2021/22-1	MO-SIM	srgt environ	11/10/2021	Organic	Triphenylphosphate	n/a	=	6.61	µg/L	EPA 525.2	-88	-88			GN
2021/22-1	MO-SIM	srgt environ, rec	11/10/2021	Organic	Triphenylphosphate	n/a	=	139	%	EPA 525.2	-88	-88	70	130	GN
2021/22-1	MO-SPA	srgt environ	11/9/2021	Organic	Triphenylphosphate	n/a	=	32.1	µg/L	EPA 525.2	-88	-88			
2021/22-1	MO-SPA	srgt environ, rec	11/9/2021	Organic	Triphenylphosphate	n/a	=	128	%	EPA 525.2	-88	-88	70	130	
2021/22-1	MO-SPA	srgt environ	11/12/2021	Organic	Triphenylphosphate	n/a	=	4.27	µg/L	EPA 625.1m	-88	-88			
2021/22-1	MO-SPA	srgt environ, rec	11/12/2021	Organic	Triphenylphosphate	n/a	=	171	%	EPA 625.1m	-88	-88	40	200	
2021/22-1	MO-THO	srgt environ	11/12/2021	Organic	Triphenylphosphate	n/a	=	4.56	µg/L	EPA 625.1m	-88	-88			
2021/22-1	MO-THO	srgt environ, rec	11/12/2021	Organic	Triphenylphosphate	n/a	=	182	%	EPA 625.1m	-88	-88	40	200	
2021/22-1	MO-THO	srgt environ	11/16/2021	Organic	Triphenylphosphate	n/a	=	63.6	µg/L	EPA 525.2	-88	-88			
2021/22-1	MO-THO	srgt environ, rec	11/16/2021	Organic	Triphenylphosphate	n/a	=	127	%	EPA 525.2	-88	-88	70	130	
2021/22-1	MO-VEN	srgt environ	11/5/2021	Organic	Triphenylphosphate	n/a	=	4.56	µg/L	EPA 625.1m	-88	-88			
2021/22-1	MO-VEN	srgt environ, rec	11/5/2021	Organic	Triphenylphosphate	n/a	=	182	%	EPA 625.1m	-88	-88	40	200	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2021/22-1	MO-VEN	srgt environ	11/9/2021	Organic	Triphenylphosphate	n/a	=	32.4	µg/L	EPA 525.2	-88	-88			
2021/22-1	MO-VEN	srgt environ, rec	11/9/2021	Organic	Triphenylphosphate	n/a	=	129	%	EPA 525.2	-88	-88	70	130	
2021/22-1	000NONPJ	srgt matrix spike	12/6/2021	PCB	PCB 209	n/a	=	0.0697	µg/L	EPA 608.3	-88	-88			
2021/22-1	000NONPJ	srgt matrix spike, rec	12/6/2021	PCB	PCB 209	n/a	=	70	%	EPA 608.3	-88	-88	33	133	
2021/22-1	000NONPJ	srgt matrix spike dup	12/6/2021	PCB	PCB 209	n/a	=	0.0838	µg/L	EPA 608.3	-88	-88			
2021/22-1	000NONPJ	srgt matrix spike dup, rec	12/6/2021	PCB	PCB 209	n/a	=	84	%	EPA 608.3	-88	-88	33	133	
2021/22-1	Lab	srgt method blank	12/6/2021	PCB	PCB 209	n/a	=	0.0832	µg/L	EPA 608.3	-88	-88			
2021/22-1	Lab	srgt method blank, rec	12/6/2021	PCB	PCB 209	n/a	=	83	%	EPA 608.3	-88	-88	33	133	
2021/22-1	Lab	srgt LCS	12/6/2021	PCB	PCB 209	n/a	=	0.0881	µg/L	EPA 608.3	-88	-88			
2021/22-1	Lab	srgt LCS, rec	12/6/2021	PCB	PCB 209	n/a	=	88	%	EPA 608.3	-88	-88	33	133	
2021/22-1	Lab	srgt method blank	12/10/2021	PCB	PCB 209	n/a	=	0.0627	µg/L	EPA 608.3	-88	-88			
2021/22-1	Lab	srgt method blank, rec	12/10/2021	PCB	PCB 209	n/a	=	63	%	EPA 608.3	-88	-88	33	133	
2021/22-1	Lab	srgt LCS	12/10/2021	PCB	PCB 209	n/a	=	0.0811	µg/L	EPA 608.3	-88	-88			
2021/22-1	Lab	srgt LCS, rec	12/10/2021	PCB	PCB 209	n/a	=	81	%	EPA 608.3	-88	-88	33	133	
2021/22-1	Lab	srgt LCS dup	12/10/2021	PCB	PCB 209	n/a	=	0.0757	µg/L	EPA 608.3	-88	-88			
2021/22-1	Lab	srgt LCS dup, rec	12/10/2021	PCB	PCB 209	n/a	=	76	%	EPA 608.3	-88	-88	33	133	
2021/22-1	ME-CC	srgt environ	12/10/2021	PCB	PCB 209	n/a	=	0.0471	µg/L	EPA 608.3	-88	-88			
2021/22-1	ME-CC	srgt environ, rec	12/10/2021	PCB	PCB 209	n/a	=	46	%	EPA 608.3	-88	-88	34	125	
2021/22-1	ME-SCR	srgt environ	12/10/2021	PCB	PCB 209	n/a	=	0.0411	µg/L	EPA 608.3	-88	-88			
2021/22-1	ME-SCR	srgt environ, rec	12/10/2021	PCB	PCB 209	n/a	=	41	%	EPA 608.3	-88	-88	34	125	
2021/22-1	ME-VR2	srgt environ	12/10/2021	PCB	PCB 209	n/a	=	0.0613	µg/L	EPA 608.3	-88	-88			
2021/22-1	ME-VR2	srgt environ, rec	12/10/2021	PCB	PCB 209	n/a	=	61	%	EPA 608.3	-88	-88	34	125	
2021/22-1	MO-CAM	srgt environ	12/7/2021	PCB	PCB 209	n/a	=	0.0274	µg/L	EPA 608.3	-88	-88			GN
2021/22-1	MO-CAM	srgt environ, rec	12/7/2021	PCB	PCB 209	n/a	=	27	%	EPA 608.3	-88	-88	34	125	GN
2021/22-1	MO-FIL	srgt environ	12/10/2021	PCB	PCB 209	n/a	=	0.0484	µg/L	EPA 608.3	-88	-88			
2021/22-1	MO-FIL	srgt environ, rec	12/10/2021	PCB	PCB 209	n/a	=	48	%	EPA 608.3	-88	-88	34	125	
2021/22-1	MO-HUE	srgt environ	12/11/2021	PCB	PCB 209	n/a	=	0.0457	µg/L	EPA 608.3	-88	-88			
2021/22-1	MO-HUE	srgt environ, rec	12/11/2021	PCB	PCB 209	n/a	=	46	%	EPA 608.3	-88	-88	34	125	
2021/22-1	MO-MEI	srgt environ	12/10/2021	PCB	PCB 209	n/a	=	0.0897	µg/L	EPA 608.3	-88	-88			
2021/22-1	MO-MEI	srgt environ, rec	12/10/2021	PCB	PCB 209	n/a	=	42	%	EPA 608.3	-88	-88	34	125	
2021/22-1	MO-MPK	srgt environ	12/10/2021	PCB	PCB 209	n/a	=	0.0483	µg/L	EPA 608.3	-88	-88			
2021/22-1	MO-MPK	srgt environ, rec	12/10/2021	PCB	PCB 209	n/a	=	48	%	EPA 608.3	-88	-88	34	125	
2021/22-1	MO-OJA	srgt environ	12/10/2021	PCB	PCB 209	n/a	=	0.04	µg/L	EPA 608.3	-88	-88			
2021/22-1	MO-OJA	srgt environ, rec	12/10/2021	PCB	PCB 209	n/a	=	39	%	EPA 608.3	-88	-88	34	125	
2021/22-1	MO-OXN	srgt environ	12/11/2021	PCB	PCB 209	n/a	=	0.0374	µg/L	EPA 608.3	-88	-88			
2021/22-1	MO-OXN	srgt environ, rec	12/11/2021	PCB	PCB 209	n/a	=	37	%	EPA 608.3	-88	-88	34	125	
2021/22-1	MO-SIM	srgt environ	12/7/2021	PCB	PCB 209	n/a	=	0.0572	µg/L	EPA 608.3	-88	-88			
2021/22-1	MO-SIM	srgt environ, rec	12/7/2021	PCB	PCB 209	n/a	=	55	%	EPA 608.3	-88	-88	34	125	
2021/22-1	MO-SPA	srgt environ	12/10/2021	PCB	PCB 209	n/a	=	0.0239	µg/L	EPA 608.3	-88	-88			GN
2021/22-1	MO-SPA	srgt environ, rec	12/10/2021	PCB	PCB 209	n/a	=	23	%	EPA 608.3	-88	-88	34	125	GN
2021/22-1	MO-THO	srgt environ	12/10/2021	PCB	PCB 209	n/a	=	0.0479	µg/L	EPA 608.3	-88	-88			
2021/22-1	MO-THO	srgt environ, rec	12/10/2021	PCB	PCB 209	n/a	=	47	%	EPA 608.3	-88	-88	34	125	
2021/22-1	MO-VEN	srgt environ	12/10/2021	PCB	PCB 209	n/a	=	0.0371	µg/L	EPA 608.3	-88	-88			
2021/22-1	MO-VEN	srgt environ, rec	12/10/2021	PCB	PCB 209	n/a	=	37	%	EPA 608.3	-88	-88	34	125	
2021/22-1	Lab	method blank	12/6/2021	PCB	PCB Aroclor 1016	n/a	<	0.029	µg/L	EPA 608.3	0.029	0.5			
2021/22-1	Lab	method blank	12/10/2021	PCB	PCB Aroclor 1016	n/a	<	0.029	µg/L	EPA 608.3	0.029	0.5			
2021/22-1	Lab	method blank	12/6/2021	PCB	PCB Aroclor 1221	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	
2021/22-1	Lab	method blank	12/10/2021	PCB	PCB Aroclor 1221	n/a	<	0.06	µg/L	EPA 608.3	0.06	0.5			
2021/22-1	Lab	method blank	12/6/2021	PCB	PCB Aroclor 1232	n/a	<	0.1	µg/L	EPA 608.3	0.1	0.5			
2021/22-1	Lab	method blank	12/10/2021	PCB	PCB Aroclor 1232	n/a	<	0.1	µg/L	EPA 608.3	0.1	0.5			
2021/22-1	Lab	method blank	12/6/2021	PCB	PCB Aroclor 1242	n/a	<	0.07	µg/L	EPA 608.3	0.07	0.5			
2021/22-1	Lab	method blank	12/10/2021	PCB	PCB Aroclor 1242	n/a	<	0.07	µg/L	EPA 608.3	0.07	0.5			
2021/22-1	Lab	method blank	12/6/2021	PCB	PCB Aroclor 1248	n/a	<	0.06	µg/L	EPA 608.3	0.06	0.5			
2021/22-1	Lab	method blank	12/10/2021	PCB	PCB Aroclor 1248	n/a	<	0.06	µg/L	EPA 608.3	0.06	0.5			
2021/22-1	Lab	method blank	12/6/2021	PCB	PCB Aroclor 1254	n/a	<	0.04	µg/L	EPA 608.3	0.04	0.5			
2021/22-1	Lab	method blank	12/10/2021	PCB	PCB Aroclor 1254	n/a	<	0.04	µg/L	EPA 608.3	0.04	0.5			
2021/22-1	Lab	method blank	12/6/2021	PCB	PCB Aroclor 1260	n/a	<	0.055	µg/L	EPA 608.3	0.055	0.5			
2021/22-1	Lab	method blank	12/10/2021	PCB	PCB Aroclor 1260	n/a	<	0.055	µg/L	EPA 608.3	0.055	0.5			
2021/22-1	Lab	method blank	11/7/2021	Pesticide	2,4,5-T	n/a	<	0.03	µg/L	EPA 515.4	0.03	0.2			
2021/22-1	Lab	LCS	11/7/2021	Pesticide	2,4,5-T	n/a	=	3.84	µg/L	EPA 515.4	0.03	0.2			
2021/22-1	Lab	LCS, rec	11/7/2021	Pesticide	2,4,5-T	n/a	=	96	%	EPA 515.4	-88	-88	70	130	
2021/22-1	ME-CC	matrix spike	11/7/2021	Pesticide	2,4,5-T	n/a	=	4.4	µg/L	EPA 515.4	0.03	0.2			
2021/22-1	ME-CC	matrix spike, rec	11/7/2021	Pesticide	2,4,5-T	n/a	=	110	%	EPA 515.4	-88	-88	70	130	
2021/22-1	ME-CC	matrix spike dup	11/7/2021	Pesticide	2,4,5-T	n/a	=	4.72	µg/L	EPA 515.4	0.03	0.2			
2021/22-1	ME-CC	matrix spike dup, rec	11/7/2021	Pesticide	2,4,5-T	n/a	=	118	%	EPA 515.4	-88	-88	70	130	
2021/22-1	ME-CC	matrix spike, RPD	11/7/2021	Pesticide	2,4,5-T	n/a	=	7	%	EPA 515.4	-88	-88	0	30	
2021/22-1	Lab	method blank	11/7/2021	Pesticide	2,4,5-TP	n/a	<	0.026	µg/L	EPA 515.4	0.026	0.2			
2021/22-1	Lab	LCS	11/7/2021	Pesticide	2,4,5-TP	n/a	=	3.72	µg/L	EPA 515.4	0.026	0.2			
2021/22-1	Lab	LCS, rec	11/7/2021	Pesticide	2,4,5-TP	n/a	=	93	%	EPA 515.4	-88	-88	70	130	
2021/22-1	ME-CC	matrix spike	11/7/2021	Pesticide	2,4,5-TP	n/a	=	4.07	µg/L	EPA 515.4	0.026	0.2			
2021/22-1	ME-CC	matrix spike, rec	11/7/2021	Pesticide	2,4,5-TP	n/a	=	102	%	EPA 515.4	-88	-88	70	130	
2021/22-1	ME-CC	matrix spike dup	11/7/2021	Pesticide	2,4,5-TP	n/a	=	4.22	µg/L	EPA 515.4	0.026	0.2			
2021/22-1	ME-CC	matrix spike dup, rec	11/7/2021	Pesticide	2,4,5-TP	n/a	=	106	%	EPA 515.4	-88	-88	70	130	
2021/22-1	ME-CC	matrix spike, RPD	11/7/2021	Pesticide	2,4,5-TP	n/a	=	4	%	EPA 515.4	-88	-88	0	30	
2021/22-1	Lab	method blank	11/7/2021	Pesticide	2,4-D	n/a	<	0.14	µg/L	EPA 515.4	0.14	0.4			
2021/22-1	Lab	LCS	11/7/2021	Pesticide	2,4-D	n/a	=	8.29	µg/L	EPA 515.4	0.14	0.4			
2021/22-1	Lab	LCS, rec	11/7/2021	Pesticide	2,4-D	n/a	=	104	%	EPA 515.4	-88	-88	70	130	
2021/22-1	ME-CC	matrix spike	11/7/2021	Pesticide	2,4-D	n/a	=	9.13	µg/L	EPA 515.4	0.14	0.4			
2021/22-1	ME-CC	matrix spike, rec	11/7/2021	Pesticide	2,4-D	n/a	=	114	%	EPA 515.4	-88	-88	70	130	
2021/22-1	ME-CC	matrix spike dup	11/7/2021	Pesticide	2,4-D	n/a	=	9.18	µg/L	EPA 515.4	0.14	0.4			
2021/22-1	ME-CC	matrix spike dup, rec	11/7/2021	Pesticide	2,4-D	n/a	=	115	%	EPA 515.4	-88	-88	70	130	
2021/22-1	ME-CC	matrix spike, RPD	11/7/2021	Pesticide	2,4-D	n/a	=	0.6	%	EPA 515.4	-88	-88	0	30	
2021/22-1	Lab	method blank	11/7/2021	Pesticide	2,4-DB	n/a	<	0.19	µg/L	EPA 515.4	0.19	2			
2021/22-1	Lab	LCS	11/7/2021	Pesticide	2,4-DB	n/a	=	16.1	µg/L	EPA 515.4	0.19	2			
2021/22-1	Lab	LCS, rec	11/7/2021	Pesticide	2,4-DB	n/a	=	101	%	EPA 515.4	-88	-88	70	130	
2021/22-1	ME-CC	matrix spike	11/7/2021	Pesticide	2,4-DB	n/a	=	18.8	µg/L	EPA 515.4	0.19	2			
2021/22-1	ME-CC	matrix spike, rec	11/7/2021	Pesticide	2,4-DB	n/a	=	118	%	EPA 515.4	-88	-88	70	130	
2021/22-1	ME-CC	matrix spike dup	11/7/2021	Pesticide	2,4-DB	n/a	=	21.7	µg/L	EPA 515.4	0.19	2			GB
2021/22-1	ME-CC	matrix spike dup, rec	11/7/2021	Pesticide	2,4-DB	n/a	=	135	%	EPA 515.4	-88	-88	70	130	GB
2021/22-1	ME-CC	matrix spike, RPD	11/7/2021	Pesticide	2,4-DB	n/a	=	14	%	EPA 515.4	-88	-88	0	30	GB
2021/22-1	Lab	method blank	11/7/2021	Pesticide	3,5-Dichlorobenzoic acid	n/a	<	0.12	µg/L	EPA 515.4	0.12	1			
2021/22-1	Lab	LCS	11/7/2021	Pesticide	3,5-Dichlorobenzoic acid	n/a	=	8.06	µg/L	EPA 515.4	0.12	1			
2021/22-1	Lab	LCS, rec	11/7/2021	Pesticide	3,5-Dichlorobenzoic acid	n/a	=	101	%	EPA 515.4	-88	-88	70	130	
2021/22-1	ME-CC	matrix spike	11/7/2021	Pesticide	3,5-Dichlorobenzoic acid	n/a	=	8.81	µg/L	EPA 515.4	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	
2021/22-1	ME-CC	matrix spike, rec	11/7/2021	Pesticide	3,5-Dichlorobenzoic acid	n/a	=	110	%	EPA 515.4	-88	-88	70	130	
2021/22-1	ME-CC	matrix spike dup	11/7/2021	Pesticide	3,5-Dichlorobenzoic acid	n/a	=	8.88	µg/L	EPA 515.4	0.12	1			
2021/22-1	ME-CC	matrix spike dup, rec	11/7/2021	Pesticide	3,5-Dichlorobenzoic acid	n/a	=	111	%	EPA 515.4	-88	-88	70	130	
2021/22-1	ME-CC	matrix spike, RPD	11/7/2021	Pesticide	3,5-Dichlorobenzoic acid	n/a	=	0.8	%	EPA 515.4	-88	-88	0	30	
2021/22-1	000NONPJ	matrix spike	12/6/2021	Pesticide	4,4'-DDD	n/a	DNQ	0.0782	µg/L	EPA 608.3	0.0035	0.25			
2021/22-1	000NONPJ	matrix spike, rec	12/6/2021	Pesticide	4,4'-DDD	n/a	=	78	%	EPA 608.3	-88	-88	31	141	
2021/22-1	000NONPJ	matrix spike dup	12/6/2021	Pesticide	4,4'-DDD	n/a	DNQ	0.0863	µg/L	EPA 608.3	0.0035	0.25			
2021/22-1	000NONPJ	matrix spike dup, rec	12/6/2021	Pesticide	4,4'-DDD	n/a	=	86	%	EPA 608.3	-88	-88	31	141	
2021/22-1	000NONPJ	matrix spike, RPD	12/6/2021	Pesticide	4,4'-DDD	n/a	=	10	%	EPA 608.3	-88	-88	0	30	
2021/22-1	Lab	method blank	12/6/2021	Pesticide	4,4'-DDD	n/a	<	0.0007	µg/L	EPA 608.3	0.0007	0.05			
2021/22-1	Lab	LCS	12/6/2021	Pesticide	4,4'-DDD	n/a	=	0.097	µg/L	EPA 608.3	0.0007	0.05			
2021/22-1	Lab	LCS, rec	12/6/2021	Pesticide	4,4'-DDD	n/a	=	97	%	EPA 608.3	-88	-88	48	130	
2021/22-1	Lab	method blank	12/10/2021	Pesticide	4,4'-DDD	n/a	<	0.0007	µg/L	EPA 608.3	0.0007	0.05			
2021/22-1	Lab	LCS	12/10/2021	Pesticide	4,4'-DDD	n/a	=	0.0874	µg/L	EPA 608.3	0.0007	0.05			
2021/22-1	Lab	LCS, rec	12/10/2021	Pesticide	4,4'-DDD	n/a	=	87	%	EPA 608.3	-88	-88	48	130	
2021/22-1	Lab	LCS dup	12/10/2021	Pesticide	4,4'-DDD	n/a	=	0.0864	µg/L	EPA 608.3	0.0007	0.05			
2021/22-1	Lab	LCS dup, rec	12/10/2021	Pesticide	4,4'-DDD	n/a	=	86	%	EPA 608.3	-88	-88	48	130	
2021/22-1	Lab	LCS, RPD	12/10/2021	Pesticide	4,4'-DDD	n/a	=	1	%	EPA 608.3	-88	-88	0	30	
2021/22-1	000NONPJ	matrix spike	12/6/2021	Pesticide	4,4'-DDE	n/a	DNQ	0.0764	µg/L	EPA 608.3	0.0035	0.25			
2021/22-1	000NONPJ	matrix spike, rec	12/6/2021	Pesticide	4,4'-DDE	n/a	=	76	%	EPA 608.3	-88	-88	30	145	
2021/22-1	000NONPJ	matrix spike dup	12/6/2021	Pesticide	4,4'-DDE	n/a	DNQ	0.0841	µg/L	EPA 608.3	0.0035	0.25			
2021/22-1	000NONPJ	matrix spike dup, rec	12/6/2021	Pesticide	4,4'-DDE	n/a	=	84	%	EPA 608.3	-88	-88	30	145	
2021/22-1	000NONPJ	matrix spike, RPD	12/6/2021	Pesticide	4,4'-DDE	n/a	=	10	%	EPA 608.3	-88	-88	0	30	
2021/22-1	Lab	method blank	12/6/2021	Pesticide	4,4'-DDE	n/a	<	0.0007	µg/L	EPA 608.3	0.0007	0.05			
2021/22-1	Lab	LCS	12/6/2021	Pesticide	4,4'-DDE	n/a	=	0.101	µg/L	EPA 608.3	0.0007	0.05			
2021/22-1	Lab	LCS, rec	12/6/2021	Pesticide	4,4'-DDE	n/a	=	101	%	EPA 608.3	-88	-88	54	130	
2021/22-1	Lab	method blank	12/10/2021	Pesticide	4,4'-DDE	n/a	<	0.0007	µg/L	EPA 608.3	0.0007	0.05			
2021/22-1	Lab	LCS	12/10/2021	Pesticide	4,4'-DDE	n/a	=	0.0849	µg/L	EPA 608.3	0.0007	0.05			
2021/22-1	Lab	LCS, rec	12/10/2021	Pesticide	4,4'-DDE	n/a	=	85	%	EPA 608.3	-88	-88	54	130	
2021/22-1	Lab	LCS dup	12/10/2021	Pesticide	4,4'-DDE	n/a	=	0.0905	µg/L	EPA 608.3	0.0007	0.05			
2021/22-1	Lab	LCS dup, rec	12/10/2021	Pesticide	4,4'-DDE	n/a	=	91	%	EPA 608.3	-88	-88	54	130	
2021/22-1	Lab	LCS, RPD	12/10/2021	Pesticide	4,4'-DDE	n/a	=	6	%	EPA 608.3	-88	-88	0	30	
2021/22-1	000NONPJ	matrix spike	12/6/2021	Pesticide	4,4'-DDT	n/a	=	0.0657	µg/L	EPA 608.3	0.0055	0.05			
2021/22-1	000NONPJ	matrix spike, rec	12/6/2021	Pesticide	4,4'-DDT	n/a	=	66	%	EPA 608.3	-88	-88	25	160	
2021/22-1	000NONPJ	matrix spike dup	12/6/2021	Pesticide	4,4'-DDT	n/a	=	0.0753	µg/L	EPA 608.3	0.0055	0.05			
2021/22-1	000NONPJ	matrix spike dup, rec	12/6/2021	Pesticide	4,4'-DDT	n/a	=	75	%	EPA 608.3	-88	-88	25	160	
2021/22-1	000NONPJ	matrix spike, RPD	12/6/2021	Pesticide	4,4'-DDT	n/a	=	14	%	EPA 608.3	-88	-88	0	30	
2021/22-1	Lab	method blank	12/6/2021	Pesticide	4,4'-DDT	n/a	<	0.0011	µg/L	EPA 608.3	0.0011	0.01			
2021/22-1	Lab	LCS	12/6/2021	Pesticide	4,4'-DDT	n/a	=	0.107	µg/L	EPA 608.3	0.0011	0.01			
2021/22-1	Lab	LCS, rec	12/6/2021	Pesticide	4,4'-DDT	n/a	=	107	%	EPA 608.3	-88	-88	46	137	
2021/22-1	Lab	method blank	12/10/2021	Pesticide	4,4'-DDT	n/a	<	0.0011	µg/L	EPA 608.3	0.0011	0.01			
2021/22-1	Lab	LCS	12/10/2021	Pesticide	4,4'-DDT	n/a	=	0.0996	µg/L	EPA 608.3	0.0011	0.01			
2021/22-1	Lab	LCS, rec	12/10/2021	Pesticide	4,4'-DDT	n/a	=	100	%	EPA 608.3	-88	-88	46	137	
2021/22-1	Lab	LCS dup	12/10/2021	Pesticide	4,4'-DDT	n/a	=	0.0881	µg/L	EPA 608.3	0.0011	0.01			
2021/22-1	Lab	LCS dup, rec	12/10/2021	Pesticide	4,4'-DDT	n/a	=	88	%	EPA 608.3	-88	-88	46	137	
2021/22-1	Lab	LCS, RPD	12/10/2021	Pesticide	4,4'-DDT	n/a	=	12	%	EPA 608.3	-88	-88	0	30	
2021/22-1	Lab	method blank	11/7/2021	Pesticide	Acifluorfen	n/a	<	0.03	µg/L	EPA 515.4	0.03	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	
2021/22-1	Lab	LCS	11/7/2021	Pesticide	Acifluorfen	n/a	=	3.57	µg/L	EPA 515.4	0.03	0.4			
2021/22-1	Lab	LCS, rec	11/7/2021	Pesticide	Acifluorfen	n/a	=	89	%	EPA 515.4	-88	-88	70	130	
2021/22-1	ME-CC	matrix spike	11/7/2021	Pesticide	Acifluorfen	n/a	=	4.46	µg/L	EPA 515.4	0.03	0.4			
2021/22-1	ME-CC	matrix spike, rec	11/7/2021	Pesticide	Acifluorfen	n/a	=	111	%	EPA 515.4	-88	-88	70	130	
2021/22-1	ME-CC	matrix spike dup	11/7/2021	Pesticide	Acifluorfen	n/a	=	4.51	µg/L	EPA 515.4	0.03	0.4			
2021/22-1	ME-CC	matrix spike dup, rec	11/7/2021	Pesticide	Acifluorfen	n/a	=	113	%	EPA 515.4	-88	-88	70	130	
2021/22-1	ME-CC	matrix spike, RPD	11/7/2021	Pesticide	Acifluorfen	n/a	=	1	%	EPA 515.4	-88	-88	0	30	
2021/22-1	Lab	method blank	11/9/2021	Pesticide	Alachlor	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1			
2021/22-1	Lab	LCS dup	11/9/2021	Pesticide	Alachlor	n/a	=	12.7	µg/L	EPA 525.2	0.03	0.1			
2021/22-1	Lab	LCS dup, rec	11/9/2021	Pesticide	Alachlor	n/a	=	127	%	EPA 525.2	-88	-88	70	130	
2021/22-1	Lab	LCS, RPD	11/9/2021	Pesticide	Alachlor	n/a	=	2	%	EPA 525.2	-88	-88	0	30	
2021/22-1	Lab	LCS	11/9/2021	Pesticide	Alachlor	n/a	=	12.9	µg/L	EPA 525.2	0.03	0.1			
2021/22-1	Lab	LCS, rec	11/9/2021	Pesticide	Alachlor	n/a	=	129	%	EPA 525.2	-88	-88	70	130	
2021/22-1	Lab	method blank	11/15/2021	Pesticide	Alachlor	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1			
2021/22-1	Lab	LCS	11/15/2021	Pesticide	Alachlor	n/a	=	12.8	µg/L	EPA 525.2	0.03	0.1			
2021/22-1	Lab	LCS, rec	11/15/2021	Pesticide	Alachlor	n/a	=	128	%	EPA 525.2	-88	-88	70	130	
2021/22-1	Lab	LCS dup	11/15/2021	Pesticide	Alachlor	n/a	=	12.7	µg/L	EPA 525.2	0.03	0.1			
2021/22-1	Lab	LCS dup, rec	11/15/2021	Pesticide	Alachlor	n/a	=	127	%	EPA 525.2	-88	-88	70	130	
2021/22-1	Lab	LCS, RPD	11/15/2021	Pesticide	Alachlor	n/a	=	0.7	%	EPA 525.2	-88	-88	0	30	
2021/22-1	Lab	method blank	11/18/2021	Pesticide	Alachlor	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1			
2021/22-1	Lab	LCS dup	11/18/2021	Pesticide	Alachlor	n/a	=	12.8	µg/L	EPA 525.2	0.03	0.1			
2021/22-1	Lab	LCS dup, rec	11/18/2021	Pesticide	Alachlor	n/a	=	128	%	EPA 525.2	-88	-88	70	130	
2021/22-1	Lab	LCS, RPD	11/18/2021	Pesticide	Alachlor	n/a	=	2	%	EPA 525.2	-88	-88	0	30	
2021/22-1	Lab	LCS	11/18/2021	Pesticide	Alachlor	n/a	=	13.1	µg/L	EPA 525.2	0.03	0.1			EUM
2021/22-1	Lab	LCS, rec	11/18/2021	Pesticide	Alachlor	n/a	=	131	%	EPA 525.2	-88	-88	70	130	EUM
2021/22-1	000NONPJ	matrix spike	12/6/2021	Pesticide	Aldrin	n/a	=	0.0728	µg/L	EPA 608.3	0.005	0.025			
2021/22-1	000NONPJ	matrix spike, rec	12/6/2021	Pesticide	Aldrin	n/a	=	73	%	EPA 608.3	-88	-88	42	140	
2021/22-1	000NONPJ	matrix spike dup	12/6/2021	Pesticide	Aldrin	n/a	=	0.0779	µg/L	EPA 608.3	0.005	0.025			
2021/22-1	000NONPJ	matrix spike dup, rec	12/6/2021	Pesticide	Aldrin	n/a	=	78	%	EPA 608.3	-88	-88	42	140	
2021/22-1	000NONPJ	matrix spike, RPD	12/6/2021	Pesticide	Aldrin	n/a	=	7	%	EPA 608.3	-88	-88	0	30	
2021/22-1	Lab	method blank	12/6/2021	Pesticide	Aldrin	n/a	<	0.001	µg/L	EPA 608.3	0.001	0.005			
2021/22-1	Lab	LCS	12/6/2021	Pesticide	Aldrin	n/a	=	0.0967	µg/L	EPA 608.3	0.001	0.005			
2021/22-1	Lab	LCS, rec	12/6/2021	Pesticide	Aldrin	n/a	=	97	%	EPA 608.3	-88	-88	54	130	
2021/22-1	Lab	method blank	12/10/2021	Pesticide	Aldrin	n/a	<	0.001	µg/L	EPA 608.3	0.001	0.005			
2021/22-1	Lab	LCS	12/10/2021	Pesticide	Aldrin	n/a	=	0.0813	µg/L	EPA 608.3	0.001	0.005			
2021/22-1	Lab	LCS, rec	12/10/2021	Pesticide	Aldrin	n/a	=	81	%	EPA 608.3	-88	-88	54	130	
2021/22-1	Lab	LCS dup	12/10/2021	Pesticide	Aldrin	n/a	=	0.0877	µg/L	EPA 608.3	0.001	0.005			
2021/22-1	Lab	LCS dup, rec	12/10/2021	Pesticide	Aldrin	n/a	=	88	%	EPA 608.3	-88	-88	54	130	
2021/22-1	Lab	LCS, RPD	12/10/2021	Pesticide	Aldrin	n/a	=	8	%	EPA 608.3	-88	-88	0	30	
2021/22-1	000NONPJ	matrix spike	12/6/2021	Pesticide	alpha-BHC	n/a	=	0.0748	µg/L	EPA 608.3	0.0055	0.05			
2021/22-1	000NONPJ	matrix spike, rec	12/6/2021	Pesticide	alpha-BHC	n/a	=	75	%	EPA 608.3	-88	-88	37	140	
2021/22-1	000NONPJ	matrix spike dup	12/6/2021	Pesticide	alpha-BHC	n/a	=	0.0809	µg/L	EPA 608.3	0.0055	0.05			
2021/22-1	000NONPJ	matrix spike dup, rec	12/6/2021	Pesticide	alpha-BHC	n/a	=	81	%	EPA 608.3	-88	-88	37	140	
2021/22-1	000NONPJ	matrix spike, RPD	12/6/2021	Pesticide	alpha-BHC	n/a	=	8	%	EPA 608.3	-88	-88	0	30	
2021/22-1	Lab	method blank	12/6/2021	Pesticide	alpha-BHC	n/a	<	0.0011	µg/L	EPA 608.3	0.0011	0.01			
2021/22-1	Lab	LCS	12/6/2021	Pesticide	alpha-BHC	n/a	=	0.105	µg/L	EPA 608.3	0.0011	0.01			
2021/22-1	Lab	LCS, rec	12/6/2021	Pesticide	alpha-BHC	n/a	=	105	%	EPA 608.3	-88	-88	49	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	
2021/22-1	Lab	method blank	12/10/2021	Pesticide	alpha-BHC	n/a	<	0.0011	µg/L	EPA 608.3	0.0011	0.01			
2021/22-1	Lab	LCS	12/10/2021	Pesticide	alpha-BHC	n/a	=	0.0705	µg/L	EPA 608.3	0.0011	0.01			
2021/22-1	Lab	LCS, rec	12/10/2021	Pesticide	alpha-BHC	n/a	=	70	%	EPA 608.3	-88	-88	49	130	
2021/22-1	Lab	LCS dup	12/10/2021	Pesticide	alpha-BHC	n/a	=	0.088	µg/L	EPA 608.3	0.0011	0.01			
2021/22-1	Lab	LCS dup, rec	12/10/2021	Pesticide	alpha-BHC	n/a	=	88	%	EPA 608.3	-88	-88	49	130	
2021/22-1	Lab	LCS, RPD	12/10/2021	Pesticide	alpha-BHC	n/a	=	22	%	EPA 608.3	-88	-88	0	30	
2021/22-1	Lab	method blank	12/6/2021	Pesticide	alpha-Chlordane	n/a	<	0.0029	µg/L	EPA 608.3	0.0029	0.01			
2021/22-1	000NONPJ	srgt matrix spike dup	11/7/2021	Pesticide	AMPA	Total	=	230	µg/L	EPA 547	-88	-88			
2021/22-1	000NONPJ	srgt matrix spike dup, rec	11/7/2021	Pesticide	AMPA	Total	=	113	%	EPA 547	-88	-88	70	130	
2021/22-1	000NONPJ	srgt matrix spike	11/7/2021	Pesticide	AMPA	Total	=	240	µg/L	EPA 547	-88	-88			
2021/22-1	000NONPJ	srgt matrix spike, rec	11/7/2021	Pesticide	AMPA	Total	=	119	%	EPA 547	-88	-88	70	130	
2021/22-1	Lab	srgt method blank	11/7/2021	Pesticide	AMPA	Total	=	210	µg/L	EPA 547	-88	-88			
2021/22-1	Lab	srgt method blank, rec	11/7/2021	Pesticide	AMPA	Total	=	103	%	EPA 547	-88	-88	70	130	
2021/22-1	Lab	srgt LCS	11/7/2021	Pesticide	AMPA	Total	=	190	µg/L	EPA 547	-88	-88			
2021/22-1	Lab	srgt LCS, rec	11/7/2021	Pesticide	AMPA	Total	=	97	%	EPA 547	-88	-88	70	130	
2021/22-1	Lab	srgt LCS dup	11/7/2021	Pesticide	AMPA	Total	=	210	µg/L	EPA 547	-88	-88			
2021/22-1	Lab	srgt LCS dup, rec	11/7/2021	Pesticide	AMPA	Total	=	105	%	EPA 547	-88	-88	70	130	
2021/22-1	Lab	srgt method blank	11/7/2021	Pesticide	AMPA	Total	=	240	µg/L	EPA 547	-88	-88			
2021/22-1	Lab	srgt method blank, rec	11/7/2021	Pesticide	AMPA	Total	=	121	%	EPA 547	-88	-88	70	130	
2021/22-1	Lab	srgt LCS	11/7/2021	Pesticide	AMPA	Total	=	240	µg/L	EPA 547	-88	-88			
2021/22-1	Lab	srgt LCS, rec	11/7/2021	Pesticide	AMPA	Total	=	122	%	EPA 547	-88	-88	70	130	
2021/22-1	Lab	srgt LCS dup	11/7/2021	Pesticide	AMPA	Total	=	250	µg/L	EPA 547	-88	-88			
2021/22-1	Lab	srgt LCS dup, rec	11/7/2021	Pesticide	AMPA	Total	=	124	%	EPA 547	-88	-88	70	130	
2021/22-1	ME-CC	srgt environ	11/7/2021	Pesticide	AMPA	Total	=	250	µg/L	EPA 547	-88	-88			
2021/22-1	ME-CC	srgt environ, rec	11/7/2021	Pesticide	AMPA	Total	=	127	%	EPA 547	-88	-88	70	130	
2021/22-1	ME-SCR	srgt environ	11/7/2021	Pesticide	AMPA	Total	=	260	µg/L	EPA 547	-88	-88			
2021/22-1	ME-SCR	srgt environ, rec	11/7/2021	Pesticide	AMPA	Total	=	128	%	EPA 547	-88	-88	70	130	
2021/22-1	ME-VR2	srgt environ	11/8/2021	Pesticide	AMPA	Total	=	160	µg/L	EPA 547	-88	-88			
2021/22-1	ME-VR2	srgt environ, rec	11/8/2021	Pesticide	AMPA	Total	=	80	%	EPA 547	-88	-88	70	130	
2021/22-1	MO-CAM	srgt environ	11/7/2021	Pesticide	AMPA	Total	=	250	µg/L	EPA 547	-88	-88			
2021/22-1	MO-CAM	srgt environ, rec	11/7/2021	Pesticide	AMPA	Total	=	127	%	EPA 547	-88	-88	70	130	
2021/22-1	MO-FIL	srgt environ	11/7/2021	Pesticide	AMPA	Total	=	250	µg/L	EPA 547	-88	-88			
2021/22-1	MO-FIL	srgt environ, rec	11/7/2021	Pesticide	AMPA	Total	=	125	%	EPA 547	-88	-88	70	130	
2021/22-1	MO-HUE	srgt environ	11/8/2021	Pesticide	AMPA	Total	=	250	µg/L	EPA 547	-88	-88			
2021/22-1	MO-HUE	srgt environ, rec	11/8/2021	Pesticide	AMPA	Total	=	124	%	EPA 547	-88	-88	70	130	
2021/22-1	MO-MEI	srgt environ	11/7/2021	Pesticide	AMPA	Total	=	260	µg/L	EPA 547	-88	-88			
2021/22-1	MO-MEI	srgt environ, rec	11/7/2021	Pesticide	AMPA	Total	=	129	%	EPA 547	-88	-88	70	130	
2021/22-1	MO-MPK	srgt environ	11/7/2021	Pesticide	AMPA	Total	=	260	µg/L	EPA 547	-88	-88			
2021/22-1	MO-MPK	srgt environ, rec	11/7/2021	Pesticide	AMPA	Total	=	128	%	EPA 547	-88	-88	70	130	
2021/22-1	MO-OJA	srgt environ	11/8/2021	Pesticide	AMPA	Total	=	160	µg/L	EPA 547	-88	-88			
2021/22-1	MO-OJA	srgt environ, rec	11/8/2021	Pesticide	AMPA	Total	=	79	%	EPA 547	-88	-88	70	130	
2021/22-1	MO-OXN	srgt environ	11/7/2021	Pesticide	AMPA	Total	=	250	µg/L	EPA 547	-88	-88			
2021/22-1	MO-OXN	srgt environ, rec	11/7/2021	Pesticide	AMPA	Total	=	126	%	EPA 547	-88	-88	70	130	
2021/22-1	MO-SIM	srgt environ	11/7/2021	Pesticide	AMPA	Total	=	250	µg/L	EPA 547	-88	-88			
2021/22-1	MO-SIM	srgt environ, rec	11/7/2021	Pesticide	AMPA	Total	=	123	%	EPA 547	-88	-88	70	130	
2021/22-1	MO-SPA	srgt matrix spike	11/7/2021	Pesticide	AMPA	Total	=	250	µg/L	EPA 547	-88	-88			
2021/22-1	MO-SPA	srgt matrix spike, rec	11/7/2021	Pesticide	AMPA	Total	=	125	%	EPA 547	-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	
2021/22-1	MO-SPA	srgt matrix spike dup	11/7/2021	Pesticide	AMPA	Total	=	240	µg/L	EPA 547	-88	-88			
2021/22-1	MO-SPA	srgt matrix spike dup, rec	11/7/2021	Pesticide	AMPA	Total	=	121	%	EPA 547	-88	-88	70	130	
2021/22-1	MO-SPA	srgt environ	11/7/2021	Pesticide	AMPA	Total	=	250	µg/L	EPA 547	-88	-88			
2021/22-1	MO-SPA	srgt environ, rec	11/7/2021	Pesticide	AMPA	Total	=	125	%	EPA 547	-88	-88	70	130	
2021/22-1	MO-THO	srgt environ	11/7/2021	Pesticide	AMPA	Total	=	260	µg/L	EPA 547	-88	-88			
2021/22-1	MO-THO	srgt environ, rec	11/7/2021	Pesticide	AMPA	Total	=	128	%	EPA 547	-88	-88	70	130	
2021/22-1	MO-VEN	srgt environ	11/7/2021	Pesticide	AMPA	Total	=	250	µg/L	EPA 547	-88	-88			
2021/22-1	MO-VEN	srgt environ, rec	11/7/2021	Pesticide	AMPA	Total	=	127	%	EPA 547	-88	-88	70	130	
2021/22-1	Lab	method blank	11/9/2021	Pesticide	Atrazine	n/a	<	0.011	µg/L	EPA 525.2	0.011	0.1			
2021/22-1	Lab	LCS dup	11/9/2021	Pesticide	Atrazine	n/a	=	6.41	µg/L	EPA 525.2	0.011	0.1			
2021/22-1	Lab	LCS dup, rec	11/9/2021	Pesticide	Atrazine	n/a	=	128	%	EPA 525.2	-88	-88	70	130	
2021/22-1	Lab	LCS, RPD	11/9/2021	Pesticide	Atrazine	n/a	=	0.2	%	EPA 525.2	-88	-88	0	30	
2021/22-1	Lab	LCS	11/9/2021	Pesticide	Atrazine	n/a	=	6.4	µg/L	EPA 525.2	0.011	0.1			
2021/22-1	Lab	LCS, rec	11/9/2021	Pesticide	Atrazine	n/a	=	128	%	EPA 525.2	-88	-88	70	130	
2021/22-1	Lab	method blank	11/15/2021	Pesticide	Atrazine	n/a	<	0.011	µg/L	EPA 525.2	0.011	0.1			
2021/22-1	Lab	LCS	11/15/2021	Pesticide	Atrazine	n/a	=	6.94	µg/L	EPA 525.2	0.011	0.1			EUM
2021/22-1	Lab	LCS, rec	11/15/2021	Pesticide	Atrazine	n/a	=	139	%	EPA 525.2	-88	-88	70	130	EUM
2021/22-1	Lab	LCS dup	11/15/2021	Pesticide	Atrazine	n/a	=	6.95	µg/L	EPA 525.2	0.011	0.1			EUM
2021/22-1	Lab	LCS dup, rec	11/15/2021	Pesticide	Atrazine	n/a	=	139	%	EPA 525.2	-88	-88	70	130	EUM
2021/22-1	Lab	LCS, RPD	11/15/2021	Pesticide	Atrazine	n/a	=	0.1	%	EPA 525.2	-88	-88	0	30	EUM
2021/22-1	Lab	method blank	11/18/2021	Pesticide	Atrazine	n/a	<	0.011	µg/L	EPA 525.2	0.011	0.1			
2021/22-1	Lab	LCS dup	11/18/2021	Pesticide	Atrazine	n/a	=	6.12	µg/L	EPA 525.2	0.011	0.1			
2021/22-1	Lab	LCS dup, rec	11/18/2021	Pesticide	Atrazine	n/a	=	122	%	EPA 525.2	-88	-88	70	130	
2021/22-1	Lab	LCS, RPD	11/18/2021	Pesticide	Atrazine	n/a	=	2	%	EPA 525.2	-88	-88	0	30	
2021/22-1	Lab	LCS	11/18/2021	Pesticide	Atrazine	n/a	=	5.99	µg/L	EPA 525.2	0.011	0.1			
2021/22-1	Lab	LCS, rec	11/18/2021	Pesticide	Atrazine	n/a	=	120	%	EPA 525.2	-88	-88	70	130	
2021/22-1	Lab	LCS	11/5/2021	Pesticide	Azinphos methyl	n/a	=	0.0722	µg/L	EPA 625.1m	0.0055	0.01			
2021/22-1	Lab	LCS, rec	11/5/2021	Pesticide	Azinphos methyl	n/a	=	144	%	EPA 625.1m	-88	-88	47	179	
2021/22-1	Lab	method blank	11/5/2021	Pesticide	Azinphos methyl	n/a	<	0.0055	µg/L	EPA 625.1m	0.0055	0.01			
2021/22-1	Lab	LCS	11/12/2021	Pesticide	Azinphos methyl	n/a	=	0.0747	µg/L	EPA 625.1m	0.0055	0.01			
2021/22-1	Lab	LCS, rec	11/12/2021	Pesticide	Azinphos methyl	n/a	=	149	%	EPA 625.1m	-88	-88	47	200	
2021/22-1	Lab	method blank	11/12/2021	Pesticide	Azinphos methyl	n/a	<	0.0055	µg/L	EPA 625.1m	0.0055	0.01			
2021/22-1	ME-CC	matrix spike	11/5/2021	Pesticide	Azinphos methyl	n/a	=	0.427	µg/L	EPA 625.1m	0.028	0.05			GB
2021/22-1	ME-CC	matrix spike, rec	11/5/2021	Pesticide	Azinphos methyl	n/a	=	171	%	EPA 625.1m	-88	-88	0.1	153	GB
2021/22-1	ME-CC	matrix spike dup	11/5/2021	Pesticide	Azinphos methyl	n/a	=	0.413	µg/L	EPA 625.1m	0.028	0.05			GB
2021/22-1	ME-CC	matrix spike dup, rec	11/5/2021	Pesticide	Azinphos methyl	n/a	=	165	%	EPA 625.1m	-88	-88	0.1	153	GB
2021/22-1	ME-CC	matrix spike, RPD	11/5/2021	Pesticide	Azinphos methyl	n/a	=	3	%	EPA 625.1m	-88	-88	0	30	GB
2021/22-1	MO-OJA	matrix spike	11/12/2021	Pesticide	Azinphos methyl	n/a	=	0.47	µg/L	EPA 625.1m	0.028	0.05			GB
2021/22-1	MO-OJA	matrix spike, rec	11/12/2021	Pesticide	Azinphos methyl	n/a	=	188	%	EPA 625.1m	-88	-88	0.1	153	GB
2021/22-1	MO-OJA	matrix spike dup	11/12/2021	Pesticide	Azinphos methyl	n/a	=	0.453	µg/L	EPA 625.1m	0.028	0.05			GB
2021/22-1	MO-OJA	matrix spike dup, rec	11/12/2021	Pesticide	Azinphos methyl	n/a	=	181	%	EPA 625.1m	-88	-88	0.1	153	GB
2021/22-1	MO-OJA	matrix spike, RPD	11/12/2021	Pesticide	Azinphos methyl	n/a	=	4	%	EPA 625.1m	-88	-88	0	30	GB
2021/22-1	Lab	method blank	11/7/2021	Pesticide	Bentazon	n/a	<	0.23	µg/L	EPA 515.4	0.23	2			
2021/22-1	Lab	LCS	11/7/2021	Pesticide	Bentazon	n/a	=	15.2	µg/L	EPA 515.4	0.23	2			
2021/22-1	Lab	LCS, rec	11/7/2021	Pesticide	Bentazon	n/a	=	95	%	EPA 515.4	-88	-88	70	130	
2021/22-1	ME-CC	matrix spike	11/7/2021	Pesticide	Bentazon	n/a	=	16.7	µg/L	EPA 515.4	0.23	2			
2021/22-1	ME-CC	matrix spike, rec	11/7/2021	Pesticide	Bentazon	n/a	=	100	%	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	
2021/22-1	ME-CC	matrix spike dup	11/7/2021	Pesticide	Bentazon	n/a	=	16.4	µg/L	EPA 515.4	0.23	2			
2021/22-1	ME-CC	matrix spike dup, rec	11/7/2021	Pesticide	Bentazon	n/a	=	99	%	EPA 515.4	-88	-88	70	130	
2021/22-1	ME-CC	matrix spike, RPD	11/7/2021	Pesticide	Bentazon	n/a	=	1	%	EPA 515.4	-88	-88	0	30	
2021/22-1	000NONPJ	matrix spike	12/6/2021	Pesticide	beta-BHC	n/a	=	0.0803	µg/L	EPA 608.3	0.0075	0.025			
2021/22-1	000NONPJ	matrix spike, rec	12/6/2021	Pesticide	beta-BHC	n/a	=	80	%	EPA 608.3	-88	-88	17	147	
2021/22-1	000NONPJ	matrix spike dup	12/6/2021	Pesticide	beta-BHC	n/a	=	0.0835	µg/L	EPA 608.3	0.0075	0.025			
2021/22-1	000NONPJ	matrix spike dup, rec	12/6/2021	Pesticide	beta-BHC	n/a	=	83	%	EPA 608.3	-88	-88	17	147	
2021/22-1	000NONPJ	matrix spike, RPD	12/6/2021	Pesticide	beta-BHC	n/a	=	4	%	EPA 608.3	-88	-88	0	30	
2021/22-1	Lab	method blank	12/6/2021	Pesticide	beta-BHC	n/a	<	0.0015	µg/L	EPA 608.3	0.0015	0.005			
2021/22-1	Lab	LCS	12/6/2021	Pesticide	beta-BHC	n/a	=	0.103	µg/L	EPA 608.3	0.0015	0.005			
2021/22-1	Lab	LCS, rec	12/6/2021	Pesticide	beta-BHC	n/a	=	103	%	EPA 608.3	-88	-88	39	130	
2021/22-1	Lab	method blank	12/10/2021	Pesticide	beta-BHC	n/a	<	0.0015	µg/L	EPA 608.3	0.0015	0.005			
2021/22-1	Lab	LCS	12/10/2021	Pesticide	beta-BHC	n/a	=	0.0835	µg/L	EPA 608.3	0.0015	0.005			
2021/22-1	Lab	LCS, rec	12/10/2021	Pesticide	beta-BHC	n/a	=	83	%	EPA 608.3	-88	-88	39	130	
2021/22-1	Lab	LCS dup	12/10/2021	Pesticide	beta-BHC	n/a	=	0.0894	µg/L	EPA 608.3	0.0015	0.005			
2021/22-1	Lab	LCS dup, rec	12/10/2021	Pesticide	beta-BHC	n/a	=	89	%	EPA 608.3	-88	-88	39	130	
2021/22-1	Lab	LCS, RPD	12/10/2021	Pesticide	beta-BHC	n/a	=	7	%	EPA 608.3	-88	-88	0	30	
2021/22-1	Lab	LCS	11/5/2021	Pesticide	Bolstar	n/a	=	0.044	µg/L	EPA 625.1m	0.0046	0.01			
2021/22-1	Lab	LCS, rec	11/5/2021	Pesticide	Bolstar	n/a	=	88	%	EPA 625.1m	-88	-88	27	143	
2021/22-1	Lab	method blank	11/5/2021	Pesticide	Bolstar	n/a	<	0.0046	µg/L	EPA 625.1m	0.0046	0.01			
2021/22-1	Lab	LCS	11/12/2021	Pesticide	Bolstar	n/a	=	0.0395	µg/L	EPA 625.1m	0.0046	0.01			
2021/22-1	Lab	LCS, rec	11/12/2021	Pesticide	Bolstar	n/a	=	79	%	EPA 625.1m	-88	-88	27	162	
2021/22-1	Lab	method blank	11/12/2021	Pesticide	Bolstar	n/a	<	0.0046	µg/L	EPA 625.1m	0.0046	0.01			
2021/22-1	ME-CC	matrix spike	11/5/2021	Pesticide	Bolstar	n/a	=	0.264	µg/L	EPA 625.1m	0.023	0.05			
2021/22-1	ME-CC	matrix spike, rec	11/5/2021	Pesticide	Bolstar	n/a	=	106	%	EPA 625.1m	-88	-88	22	160	
2021/22-1	ME-CC	matrix spike dup	11/5/2021	Pesticide	Bolstar	n/a	=	0.295	µg/L	EPA 625.1m	0.023	0.05			
2021/22-1	ME-CC	matrix spike dup, rec	11/5/2021	Pesticide	Bolstar	n/a	=	118	%	EPA 625.1m	-88	-88	22	160	
2021/22-1	ME-CC	matrix spike, RPD	11/5/2021	Pesticide	Bolstar	n/a	=	11	%	EPA 625.1m	-88	-88	0	30	
2021/22-1	MO-OJA	matrix spike	11/12/2021	Pesticide	Bolstar	n/a	=	0.254	µg/L	EPA 625.1m	0.023	0.05			
2021/22-1	MO-OJA	matrix spike, rec	11/12/2021	Pesticide	Bolstar	n/a	=	102	%	EPA 625.1m	-88	-88	22	160	
2021/22-1	MO-OJA	matrix spike dup	11/12/2021	Pesticide	Bolstar	n/a	=	0.209	µg/L	EPA 625.1m	0.023	0.05			
2021/22-1	MO-OJA	matrix spike dup, rec	11/12/2021	Pesticide	Bolstar	n/a	=	84	%	EPA 625.1m	-88	-88	22	160	
2021/22-1	MO-OJA	matrix spike, RPD	11/12/2021	Pesticide	Bolstar	n/a	=	20	%	EPA 625.1m	-88	-88	0	30	
2021/22-1	Lab	method blank	11/9/2021	Pesticide	Bromacil	n/a	<	0.07	µg/L	EPA 525.2	0.07	0.5			
2021/22-1	Lab	LCS dup	11/9/2021	Pesticide	Bromacil	n/a	=	4.71	µg/L	EPA 525.2	0.07	0.5			
2021/22-1	Lab	LCS dup, rec	11/9/2021	Pesticide	Bromacil	n/a	=	94	%	EPA 525.2	-88	-88	70	130	
2021/22-1	Lab	LCS, RPD	11/9/2021	Pesticide	Bromacil	n/a	=	2	%	EPA 525.2	-88	-88	0	30	
2021/22-1	Lab	LCS	11/9/2021	Pesticide	Bromacil	n/a	=	4.81	µg/L	EPA 525.2	0.07	0.5			
2021/22-1	Lab	LCS, rec	11/9/2021	Pesticide	Bromacil	n/a	=	96	%	EPA 525.2	-88	-88	70	130	
2021/22-1	Lab	method blank	11/15/2021	Pesticide	Bromacil	n/a	<	0.07	µg/L	EPA 525.2	0.07	0.5			
2021/22-1	Lab	LCS	11/15/2021	Pesticide	Bromacil	n/a	=	5.99	µg/L	EPA 525.2	0.07	0.5			
2021/22-1	Lab	LCS, rec	11/15/2021	Pesticide	Bromacil	n/a	=	120	%	EPA 525.2	-88	-88	70	130	
2021/22-1	Lab	LCS dup	11/15/2021	Pesticide	Bromacil	n/a	=	6.33	µg/L	EPA 525.2	0.07	0.5			
2021/22-1	Lab	LCS dup, rec	11/15/2021	Pesticide	Bromacil	n/a	=	127	%	EPA 525.2	-88	-88	70	130	
2021/22-1	Lab	LCS, RPD	11/15/2021	Pesticide	Bromacil	n/a	=	5	%	EPA 525.2	-88	-88	0	30	
2021/22-1	Lab	method blank	11/18/2021	Pesticide	Bromacil	n/a	<	0.07	µg/L	EPA 525.2	0.07	0.5			
2021/22-1	Lab	LCS dup	11/18/2021	Pesticide	Bromacil	n/a	=	5.8	µg/L	EPA 525.2	0.07	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	
2021/22-1	Lab	LCS dup, rec	11/18/2021	Pesticide	Bromacil	n/a	=	116	%	EPA 525.2	-88	-88	70	130	
2021/22-1	Lab	LCS, RPD	11/18/2021	Pesticide	Bromacil	n/a	=	2	%	EPA 525.2	-88	-88	0	30	
2021/22-1	Lab	LCS	11/18/2021	Pesticide	Bromacil	n/a	=	5.9	µg/L	EPA 525.2	0.07	0.5			
2021/22-1	Lab	LCS, rec	11/18/2021	Pesticide	Bromacil	n/a	=	118	%	EPA 525.2	-88	-88	70	130	
2021/22-1	Lab	method blank	11/9/2021	Pesticide	Butachlor	n/a	<	0.012	µg/L	EPA 525.2	0.012	0.1			
2021/22-1	Lab	LCS dup	11/9/2021	Pesticide	Butachlor	n/a	=	5.96	µg/L	EPA 525.2	0.012	0.1			
2021/22-1	Lab	LCS dup, rec	11/9/2021	Pesticide	Butachlor	n/a	=	119	%	EPA 525.2	-88	-88	70	130	
2021/22-1	Lab	LCS, RPD	11/9/2021	Pesticide	Butachlor	n/a	=	2	%	EPA 525.2	-88	-88	0	30	
2021/22-1	Lab	LCS	11/9/2021	Pesticide	Butachlor	n/a	=	6.1	µg/L	EPA 525.2	0.012	0.1			
2021/22-1	Lab	LCS, rec	11/9/2021	Pesticide	Butachlor	n/a	=	122	%	EPA 525.2	-88	-88	70	130	
2021/22-1	Lab	method blank	11/15/2021	Pesticide	Butachlor	n/a	<	0.012	µg/L	EPA 525.2	0.012	0.1			
2021/22-1	Lab	LCS	11/15/2021	Pesticide	Butachlor	n/a	=	6.36	µg/L	EPA 525.2	0.012	0.1			
2021/22-1	Lab	LCS, rec	11/15/2021	Pesticide	Butachlor	n/a	=	127	%	EPA 525.2	-88	-88	70	130	
2021/22-1	Lab	LCS dup	11/15/2021	Pesticide	Butachlor	n/a	=	6.39	µg/L	EPA 525.2	0.012	0.1			
2021/22-1	Lab	LCS dup, rec	11/15/2021	Pesticide	Butachlor	n/a	=	128	%	EPA 525.2	-88	-88	70	130	
2021/22-1	Lab	LCS, RPD	11/15/2021	Pesticide	Butachlor	n/a	=	0.5	%	EPA 525.2	-88	-88	0	30	
2021/22-1	Lab	method blank	11/18/2021	Pesticide	Butachlor	n/a	<	0.012	µg/L	EPA 525.2	0.012	0.1			
2021/22-1	Lab	LCS dup	11/18/2021	Pesticide	Butachlor	n/a	=	6.1	µg/L	EPA 525.2	0.012	0.1			
2021/22-1	Lab	LCS dup, rec	11/18/2021	Pesticide	Butachlor	n/a	=	122	%	EPA 525.2	-88	-88	70	130	
2021/22-1	Lab	LCS, RPD	11/18/2021	Pesticide	Butachlor	n/a	=	1	%	EPA 525.2	-88	-88	0	30	
2021/22-1	Lab	LCS	11/18/2021	Pesticide	Butachlor	n/a	=	6.17	µg/L	EPA 525.2	0.012	0.1			
2021/22-1	Lab	LCS, rec	11/18/2021	Pesticide	Butachlor	n/a	=	123	%	EPA 525.2	-88	-88	70	130	
2021/22-1	Lab	method blank	11/9/2021	Pesticide	Captan	n/a	<	0.32	µg/L	EPA 525.2	0.32	1			
2021/22-1	Lab	LCS dup	11/9/2021	Pesticide	Captan	n/a	=	5.64	µg/L	EPA 525.2	0.32	1			
2021/22-1	Lab	LCS dup, rec	11/9/2021	Pesticide	Captan	n/a	=	113	%	EPA 525.2	-88	-88	70	130	
2021/22-1	Lab	LCS, RPD	11/9/2021	Pesticide	Captan	n/a	=	1	%	EPA 525.2	-88	-88	0	30	
2021/22-1	Lab	LCS	11/9/2021	Pesticide	Captan	n/a	=	5.57	µg/L	EPA 525.2	0.32	1			
2021/22-1	Lab	LCS, rec	11/9/2021	Pesticide	Captan	n/a	=	111	%	EPA 525.2	-88	-88	70	130	
2021/22-1	Lab	method blank	11/15/2021	Pesticide	Captan	n/a	<	0.32	µg/L	EPA 525.2	0.32	1			
2021/22-1	Lab	LCS	11/15/2021	Pesticide	Captan	n/a	=	6.44	µg/L	EPA 525.2	0.32	1			
2021/22-1	Lab	LCS, rec	11/15/2021	Pesticide	Captan	n/a	=	129	%	EPA 525.2	-88	-88	70	130	
2021/22-1	Lab	LCS dup	11/15/2021	Pesticide	Captan	n/a	=	5.2	µg/L	EPA 525.2	0.32	1			
2021/22-1	Lab	LCS dup, rec	11/15/2021	Pesticide	Captan	n/a	=	104	%	EPA 525.2	-88	-88	70	130	
2021/22-1	Lab	LCS, RPD	11/15/2021	Pesticide	Captan	n/a	=	21	%	EPA 525.2	-88	-88	0	30	
2021/22-1	Lab	method blank	11/18/2021	Pesticide	Captan	n/a	<	0.32	µg/L	EPA 525.2	0.32	1			
2021/22-1	Lab	LCS dup	11/18/2021	Pesticide	Captan	n/a	=	5.96	µg/L	EPA 525.2	0.32	1			
2021/22-1	Lab	LCS dup, rec	11/18/2021	Pesticide	Captan	n/a	=	119	%	EPA 525.2	-88	-88	70	130	
2021/22-1	Lab	LCS, RPD	11/18/2021	Pesticide	Captan	n/a	=	5	%	EPA 525.2	-88	-88	0	30	
2021/22-1	Lab	LCS	11/18/2021	Pesticide	Captan	n/a	=	5.69	µg/L	EPA 525.2	0.32	1			
2021/22-1	Lab	LCS, rec	11/18/2021	Pesticide	Captan	n/a	=	114	%	EPA 525.2	-88	-88	70	130	
2021/22-1	Lab	method blank	12/6/2021	Pesticide	Chlordane (technical)	n/a	<	0.043	µg/L	EPA 608.3	0.043	0.1			
2021/22-1	Lab	method blank	12/10/2021	Pesticide	Chlordane (technical)	n/a	<	0.043	µg/L	EPA 608.3	0.043	0.1			
2021/22-1	Lab	method blank	11/9/2021	Pesticide	Chloroprotham	n/a	<	0.04	µg/L	EPA 525.2	0.04	0.1			
2021/22-1	Lab	LCS dup	11/9/2021	Pesticide	Chloroprotham	n/a	=	6.58	µg/L	EPA 525.2	0.04	0.1			EUM
2021/22-1	Lab	LCS dup, rec	11/9/2021	Pesticide	Chloroprotham	n/a	=	132	%	EPA 525.2	-88	-88	70	130	EUM
2021/22-1	Lab	LCS, RPD	11/9/2021	Pesticide	Chloroprotham	n/a	=	2	%	EPA 525.2	-88	-88	0	30	EUM
2021/22-1	Lab	LCS	11/9/2021	Pesticide	Chloroprotham	n/a	=	6.7	µg/L	EPA 525.2	0.04	0.1			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	
2021/22-1	Lab	LCS, rec	11/9/2021	Pesticide	Chloroproprham	n/a	=	134	%	EPA 525.2	-88	-88	70	130	EUM
2021/22-1	Lab	method blank	11/15/2021	Pesticide	Chloroproprham	n/a	<	0.04	µg/L	EPA 525.2	0.04	0.1			
2021/22-1	Lab	LCS	11/15/2021	Pesticide	Chloroproprham	n/a	=	6.46	µg/L	EPA 525.2	0.04	0.1			
2021/22-1	Lab	LCS, rec	11/15/2021	Pesticide	Chloroproprham	n/a	=	129	%	EPA 525.2	-88	-88	70	130	
2021/22-1	Lab	LCS dup	11/15/2021	Pesticide	Chloroproprham	n/a	=	6.61	µg/L	EPA 525.2	0.04	0.1			EUM
2021/22-1	Lab	LCS dup, rec	11/15/2021	Pesticide	Chloroproprham	n/a	=	132	%	EPA 525.2	-88	-88	70	130	EUM
2021/22-1	Lab	LCS, RPD	11/15/2021	Pesticide	Chloroproprham	n/a	=	2	%	EPA 525.2	-88	-88	0	30	EUM
2021/22-1	Lab	method blank	11/18/2021	Pesticide	Chloroproprham	n/a	<	0.04	µg/L	EPA 525.2	0.04	0.1			
2021/22-1	Lab	LCS dup	11/18/2021	Pesticide	Chloroproprham	n/a	=	6.84	µg/L	EPA 525.2	0.04	0.1			EUM
2021/22-1	Lab	LCS dup, rec	11/18/2021	Pesticide	Chloroproprham	n/a	=	137	%	EPA 525.2	-88	-88	70	130	EUM
2021/22-1	Lab	LCS, RPD	11/18/2021	Pesticide	Chloroproprham	n/a	=	4	%	EPA 525.2	-88	-88	0	30	EUM
2021/22-1	Lab	LCS	11/18/2021	Pesticide	Chloroproprham	n/a	=	6.59	µg/L	EPA 525.2	0.04	0.1			EUM
2021/22-1	Lab	LCS, rec	11/18/2021	Pesticide	Chloroproprham	n/a	=	132	%	EPA 525.2	-88	-88	70	130	EUM
2021/22-1	Lab	LCS	11/5/2021	Pesticide	Chlorpyrifos	n/a	=	0.0515	µg/L	EPA 625.1m	0.0069	0.01			
2021/22-1	Lab	LCS, rec	11/5/2021	Pesticide	Chlorpyrifos	n/a	=	103	%	EPA 625.1m	-88	-88	72	144	
2021/22-1	Lab	method blank	11/5/2021	Pesticide	Chlorpyrifos	n/a	<	0.0069	µg/L	EPA 625.1m	0.0069	0.01			
2021/22-1	Lab	LCS	11/12/2021	Pesticide	Chlorpyrifos	n/a	=	0.0555	µg/L	EPA 625.1m	0.0069	0.01			
2021/22-1	Lab	LCS, rec	11/12/2021	Pesticide	Chlorpyrifos	n/a	=	111	%	EPA 625.1m	-88	-88	72	144	
2021/22-1	Lab	method blank	11/12/2021	Pesticide	Chlorpyrifos	n/a	<	0.0069	µg/L	EPA 625.1m	0.0069	0.01			
2021/22-1	ME-CC	matrix spike	11/5/2021	Pesticide	Chlorpyrifos	n/a	=	0.289	µg/L	EPA 625.1m	0.034	0.05			
2021/22-1	ME-CC	matrix spike, rec	11/5/2021	Pesticide	Chlorpyrifos	n/a	=	116	%	EPA 625.1m	-88	-88	48	150	
2021/22-1	ME-CC	matrix spike dup	11/5/2021	Pesticide	Chlorpyrifos	n/a	=	0.327	µg/L	EPA 625.1m	0.034	0.05			
2021/22-1	ME-CC	matrix spike dup, rec	11/5/2021	Pesticide	Chlorpyrifos	n/a	=	131	%	EPA 625.1m	-88	-88	48	150	
2021/22-1	ME-CC	matrix spike, RPD	11/5/2021	Pesticide	Chlorpyrifos	n/a	=	12	%	EPA 625.1m	-88	-88	0	25	
2021/22-1	MO-OJA	matrix spike	11/12/2021	Pesticide	Chlorpyrifos	n/a	=	0.296	µg/L	EPA 625.1m	0.034	0.05			
2021/22-1	MO-OJA	matrix spike, rec	11/12/2021	Pesticide	Chlorpyrifos	n/a	=	118	%	EPA 625.1m	-88	-88	48	151	
2021/22-1	MO-OJA	matrix spike dup	11/12/2021	Pesticide	Chlorpyrifos	n/a	=	0.267	µg/L	EPA 625.1m	0.034	0.05			
2021/22-1	MO-OJA	matrix spike dup, rec	11/12/2021	Pesticide	Chlorpyrifos	n/a	=	107	%	EPA 625.1m	-88	-88	48	151	
2021/22-1	MO-OJA	matrix spike, RPD	11/12/2021	Pesticide	Chlorpyrifos	n/a	=	10	%	EPA 625.1m	-88	-88	0	30	
2021/22-1	Lab	LCS	11/5/2021	Pesticide	Coumaphos	n/a	=	0.0702	µg/L	EPA 625.1m	0.0051	0.01			
2021/22-1	Lab	LCS, rec	11/5/2021	Pesticide	Coumaphos	n/a	=	140	%	EPA 625.1m	-88	-88	10	184	
2021/22-1	Lab	method blank	11/5/2021	Pesticide	Coumaphos	n/a	<	0.0051	µg/L	EPA 625.1m	0.0051	0.01			
2021/22-1	Lab	LCS	11/12/2021	Pesticide	Coumaphos	n/a	=	0.0695	µg/L	EPA 625.1m	0.0051	0.01			
2021/22-1	Lab	LCS, rec	11/12/2021	Pesticide	Coumaphos	n/a	=	139	%	EPA 625.1m	-88	-88	10	200	
2021/22-1	Lab	method blank	11/12/2021	Pesticide	Coumaphos	n/a	<	0.0051	µg/L	EPA 625.1m	0.0051	0.01			
2021/22-1	ME-CC	matrix spike	11/5/2021	Pesticide	Coumaphos	n/a	=	0.407	µg/L	EPA 625.1m	0.026	0.05			
2021/22-1	ME-CC	matrix spike, rec	11/5/2021	Pesticide	Coumaphos	n/a	=	163	%	EPA 625.1m	-88	-88	0.1	190	
2021/22-1	ME-CC	matrix spike dup	11/5/2021	Pesticide	Coumaphos	n/a	=	0.4	µg/L	EPA 625.1m	0.026	0.05			
2021/22-1	ME-CC	matrix spike dup, rec	11/5/2021	Pesticide	Coumaphos	n/a	=	160	%	EPA 625.1m	-88	-88	0.1	190	
2021/22-1	ME-CC	matrix spike, RPD	11/5/2021	Pesticide	Coumaphos	n/a	=	2	%	EPA 625.1m	-88	-88	0	30	
2021/22-1	MO-OJA	matrix spike	11/12/2021	Pesticide	Coumaphos	n/a	=	0.439	µg/L	EPA 625.1m	0.026	0.05			
2021/22-1	MO-OJA	matrix spike, rec	11/12/2021	Pesticide	Coumaphos	n/a	=	175	%	EPA 625.1m	-88	-88	0.1	190	
2021/22-1	MO-OJA	matrix spike dup	11/12/2021	Pesticide	Coumaphos	n/a	=	0.442	µg/L	EPA 625.1m	0.026	0.05			
2021/22-1	MO-OJA	matrix spike dup, rec	11/12/2021	Pesticide	Coumaphos	n/a	=	177	%	EPA 625.1m	-88	-88	0.1	190	
2021/22-1	MO-OJA	matrix spike, RPD	11/12/2021	Pesticide	Coumaphos	n/a	=	0.7	%	EPA 625.1m	-88	-88	0	30	
2021/22-1	Lab	method blank	11/7/2021	Pesticide	Dalapon	n/a	<	0.11	µg/L	EPA 515.4	0.11	0.4			
2021/22-1	Lab	LCS	11/7/2021	Pesticide	Dalapon	n/a	=	8.49	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	
2021/22-1	Lab	LCS, rec	11/7/2021	Pesticide	Dalapon	n/a	=	106	%	EPA 515.4	-88	-88	70	130	
2021/22-1	ME-CC	matrix spike	11/7/2021	Pesticide	Dalapon	n/a	=	8.5	µg/L	EPA 515.4	0.11	0.4			
2021/22-1	ME-CC	matrix spike, rec	11/7/2021	Pesticide	Dalapon	n/a	=	106	%	EPA 515.4	-88	-88	70	130	
2021/22-1	ME-CC	matrix spike dup	11/7/2021	Pesticide	Dalapon	n/a	=	8.05	µg/L	EPA 515.4	0.11	0.4			
2021/22-1	ME-CC	matrix spike dup, rec	11/7/2021	Pesticide	Dalapon	n/a	=	101	%	EPA 515.4	-88	-88	70	130	
2021/22-1	ME-CC	matrix spike, RPD	11/7/2021	Pesticide	Dalapon	n/a	=	6	%	EPA 515.4	-88	-88	0	30	
2021/22-1	Lab	method blank	11/7/2021	Pesticide	DCPA (Dacthal)	n/a	<	0.029	µg/L	EPA 515.4	0.029	0.1			
2021/22-1	Lab	LCS	11/7/2021	Pesticide	DCPA (Dacthal)	n/a	=	4.01	µg/L	EPA 515.4	0.029	0.1			
2021/22-1	Lab	LCS, rec	11/7/2021	Pesticide	DCPA (Dacthal)	n/a	=	100	%	EPA 515.4	-88	-88	70	130	
2021/22-1	ME-CC	matrix spike	11/7/2021	Pesticide	DCPA (Dacthal)	n/a	=	5.29	µg/L	EPA 515.4	0.029	0.1			
2021/22-1	ME-CC	matrix spike, rec	11/7/2021	Pesticide	DCPA (Dacthal)	n/a	=	112	%	EPA 515.4	-88	-88	70	130	
2021/22-1	ME-CC	matrix spike dup	11/7/2021	Pesticide	DCPA (Dacthal)	n/a	=	5.06	µg/L	EPA 515.4	0.029	0.1			
2021/22-1	ME-CC	matrix spike dup, rec	11/7/2021	Pesticide	DCPA (Dacthal)	n/a	=	106	%	EPA 515.4	-88	-88	70	130	
2021/22-1	ME-CC	matrix spike, RPD	11/7/2021	Pesticide	DCPA (Dacthal)	n/a	=	5	%	EPA 515.4	-88	-88	0	30	
2021/22-1	000NONPJ	matrix spike	12/6/2021	Pesticide	delta-BHC	n/a	=	0.1	µg/L	EPA 608.3	0.0095	0.025			
2021/22-1	000NONPJ	matrix spike, rec	12/6/2021	Pesticide	delta-BHC	n/a	=	100	%	EPA 608.3	-88	-88	19	140	
2021/22-1	000NONPJ	matrix spike dup	12/6/2021	Pesticide	delta-BHC	n/a	=	0.107	µg/L	EPA 608.3	0.0095	0.025			
2021/22-1	000NONPJ	matrix spike dup, rec	12/6/2021	Pesticide	delta-BHC	n/a	=	107	%	EPA 608.3	-88	-88	19	140	
2021/22-1	000NONPJ	matrix spike, RPD	12/6/2021	Pesticide	delta-BHC	n/a	=	6	%	EPA 608.3	-88	-88	0	30	
2021/22-1	Lab	method blank	12/6/2021	Pesticide	delta-BHC	n/a	<	0.0019	µg/L	EPA 608.3	0.0019	0.005			
2021/22-1	Lab	LCS	12/6/2021	Pesticide	delta-BHC	n/a	=	0.0997	µg/L	EPA 608.3	0.0019	0.005			
2021/22-1	Lab	LCS, rec	12/6/2021	Pesticide	delta-BHC	n/a	=	100	%	EPA 608.3	-88	-88	51	130	
2021/22-1	Lab	method blank	12/10/2021	Pesticide	delta-BHC	n/a	<	0.0019	µg/L	EPA 608.3	0.0019	0.005			
2021/22-1	Lab	LCS	12/10/2021	Pesticide	delta-BHC	n/a	=	0.0667	µg/L	EPA 608.3	0.0019	0.005			
2021/22-1	Lab	LCS, rec	12/10/2021	Pesticide	delta-BHC	n/a	=	67	%	EPA 608.3	-88	-88	51	130	
2021/22-1	Lab	LCS dup	12/10/2021	Pesticide	delta-BHC	n/a	=	0.0785	µg/L	EPA 608.3	0.0019	0.005			
2021/22-1	Lab	LCS dup, rec	12/10/2021	Pesticide	delta-BHC	n/a	=	79	%	EPA 608.3	-88	-88	51	130	
2021/22-1	Lab	LCS, RPD	12/10/2021	Pesticide	delta-BHC	n/a	=	16	%	EPA 608.3	-88	-88	0	30	
2021/22-1	Lab	LCS	11/5/2021	Pesticide	Demeton-O	n/a	=	0.0285	µg/L	EPA 625.1m	0.01	0.01			
2021/22-1	Lab	LCS, rec	11/5/2021	Pesticide	Demeton-O	n/a	=	57	%	EPA 625.1m	-88	-88	54	121	
2021/22-1	Lab	method blank	11/5/2021	Pesticide	Demeton-O	n/a	<	0.01	µg/L	EPA 625.1m	0.01	0.01			
2021/22-1	Lab	LCS	11/12/2021	Pesticide	Demeton-O	n/a	=	0.0364	µg/L	EPA 625.1m	0.01	0.01			
2021/22-1	Lab	LCS, rec	11/12/2021	Pesticide	Demeton-O	n/a	=	73	%	EPA 625.1m	-88	-88	23	121	
2021/22-1	Lab	method blank	11/12/2021	Pesticide	Demeton-O	n/a	<	0.01	µg/L	EPA 625.1m	0.01	0.01			
2021/22-1	ME-CC	matrix spike	11/5/2021	Pesticide	Demeton-O	n/a	=	0.152	µg/L	EPA 625.1m	0.05	0.05			GB
2021/22-1	ME-CC	matrix spike, rec	11/5/2021	Pesticide	Demeton-O	n/a	=	61	%	EPA 625.1m	-88	-88	63	151	GB
2021/22-1	ME-CC	matrix spike dup	11/5/2021	Pesticide	Demeton-O	n/a	=	0.19	µg/L	EPA 625.1m	0.05	0.05			
2021/22-1	ME-CC	matrix spike dup, rec	11/5/2021	Pesticide	Demeton-O	n/a	=	76	%	EPA 625.1m	-88	-88	63	151	
2021/22-1	ME-CC	matrix spike, RPD	11/5/2021	Pesticide	Demeton-O	n/a	=	22	%	EPA 625.1m	-88	-88	0	30	
2021/22-1	MO-OJA	matrix spike	11/12/2021	Pesticide	Demeton-O	n/a	=	0.227	µg/L	EPA 625.1m	0.05	0.05			
2021/22-1	MO-OJA	matrix spike, rec	11/12/2021	Pesticide	Demeton-O	n/a	=	91	%	EPA 625.1m	-88	-88	63	151	
2021/22-1	MO-OJA	matrix spike dup	11/12/2021	Pesticide	Demeton-O	n/a	=	0.182	µg/L	EPA 625.1m	0.05	0.05			
2021/22-1	MO-OJA	matrix spike dup, rec	11/12/2021	Pesticide	Demeton-O	n/a	=	73	%	EPA 625.1m	-88	-88	63	151	
2021/22-1	MO-OJA	matrix spike, RPD	11/12/2021	Pesticide	Demeton-O	n/a	=	22	%	EPA 625.1m	-88	-88	0	30	
2021/22-1	Lab	LCS	11/5/2021	Pesticide	Demeton-S	n/a	=	0.0402	µg/L	EPA 625.1m	0.01	0.01			
2021/22-1	Lab	LCS, rec	11/5/2021	Pesticide	Demeton-S	n/a	=	80	%	EPA 625.1m	-88	-88	53	147	
2021/22-1	Lab	method blank	11/5/2021	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	
2021/22-1	Lab	LCS	11/12/2021	Pesticide	Demeton-S	n/a	=	0.0431	µg/L	EPA 625.1m	0.01	0.01			
2021/22-1	Lab	LCS, rec	11/12/2021	Pesticide	Demeton-S	n/a	=	86	%	EPA 625.1m	-88	-88	53	147	
2021/22-1	Lab	method blank	11/12/2021	Pesticide	Demeton-S	n/a	<	0.01	µg/L	EPA 625.1m	0.01	0.01			
2021/22-1	ME-CC	matrix spike	11/5/2021	Pesticide	Demeton-S	n/a	=	0.224	µg/L	EPA 625.1m	0.05	0.05			
2021/22-1	ME-CC	matrix spike, rec	11/5/2021	Pesticide	Demeton-S	n/a	=	90	%	EPA 625.1m	-88	-88	0.1	204	
2021/22-1	ME-CC	matrix spike dup	11/5/2021	Pesticide	Demeton-S	n/a	=	0.231	µg/L	EPA 625.1m	0.05	0.05			
2021/22-1	ME-CC	matrix spike dup, rec	11/5/2021	Pesticide	Demeton-S	n/a	=	92	%	EPA 625.1m	-88	-88	0.1	204	
2021/22-1	ME-CC	matrix spike, RPD	11/5/2021	Pesticide	Demeton-S	n/a	=	3	%	EPA 625.1m	-88	-88	0	30	
2021/22-1	MO-OJA	matrix spike	11/12/2021	Pesticide	Demeton-S	n/a	=	0.27	µg/L	EPA 625.1m	0.05	0.05			
2021/22-1	MO-OJA	matrix spike, rec	11/12/2021	Pesticide	Demeton-S	n/a	=	108	%	EPA 625.1m	-88	-88	0.1	204	
2021/22-1	MO-OJA	matrix spike dup	11/12/2021	Pesticide	Demeton-S	n/a	=	0.241	µg/L	EPA 625.1m	0.05	0.05			
2021/22-1	MO-OJA	matrix spike dup, rec	11/12/2021	Pesticide	Demeton-S	n/a	=	97	%	EPA 625.1m	-88	-88	0.1	204	
2021/22-1	MO-OJA	matrix spike, RPD	11/12/2021	Pesticide	Demeton-S	n/a	=	11	%	EPA 625.1m	-88	-88	0	30	
2021/22-1	Lab	LCS	11/5/2021	Pesticide	Diazinon	n/a	=	0.0551	µg/L	EPA 625.1m	0.0052	0.01			
2021/22-1	Lab	LCS, rec	11/5/2021	Pesticide	Diazinon	n/a	=	110	%	EPA 625.1m	-88	-88	75	150	
2021/22-1	Lab	method blank	11/5/2021	Pesticide	Diazinon	n/a	<	0.0052	µg/L	EPA 625.1m	0.0052	0.01			
2021/22-1	Lab	method blank	11/9/2021	Pesticide	Diazinon	n/a	<	0.022	µg/L	EPA 525.2	0.022	0.1			
2021/22-1	Lab	LCS dup	11/9/2021	Pesticide	Diazinon	n/a	=	5.46	µg/L	EPA 525.2	0.022	0.1			
2021/22-1	Lab	LCS dup, rec	11/9/2021	Pesticide	Diazinon	n/a	=	109	%	EPA 525.2	-88	-88	50	120	
2021/22-1	Lab	LCS, RPD	11/9/2021	Pesticide	Diazinon	n/a	=	2	%	EPA 525.2	-88	-88	0	30	
2021/22-1	Lab	LCS	11/9/2021	Pesticide	Diazinon	n/a	=	5.58	µg/L	EPA 525.2	0.022	0.1			
2021/22-1	Lab	LCS, rec	11/9/2021	Pesticide	Diazinon	n/a	=	112	%	EPA 525.2	-88	-88	50	120	
2021/22-1	Lab	LCS	11/12/2021	Pesticide	Diazinon	n/a	=	0.0587	µg/L	EPA 625.1m	0.0052	0.01			
2021/22-1	Lab	LCS, rec	11/12/2021	Pesticide	Diazinon	n/a	=	117	%	EPA 625.1m	-88	-88	75	151	
2021/22-1	Lab	method blank	11/12/2021	Pesticide	Diazinon	n/a	<	0.0052	µg/L	EPA 625.1m	0.0052	0.01			
2021/22-1	Lab	method blank	11/15/2021	Pesticide	Diazinon	n/a	<	0.022	µg/L	EPA 525.2	0.022	0.1			
2021/22-1	Lab	LCS	11/15/2021	Pesticide	Diazinon	n/a	=	5.69	µg/L	EPA 525.2	0.022	0.1			
2021/22-1	Lab	LCS, rec	11/15/2021	Pesticide	Diazinon	n/a	=	114	%	EPA 525.2	-88	-88	50	120	
2021/22-1	Lab	LCS dup	11/15/2021	Pesticide	Diazinon	n/a	=	5.76	µg/L	EPA 525.2	0.022	0.1			
2021/22-1	Lab	LCS dup, rec	11/15/2021	Pesticide	Diazinon	n/a	=	115	%	EPA 525.2	-88	-88	50	120	
2021/22-1	Lab	LCS, RPD	11/15/2021	Pesticide	Diazinon	n/a	=	1	%	EPA 525.2	-88	-88	0	30	
2021/22-1	Lab	method blank	11/18/2021	Pesticide	Diazinon	n/a	<	0.022	µg/L	EPA 525.2	0.022	0.1			
2021/22-1	Lab	LCS dup	11/18/2021	Pesticide	Diazinon	n/a	=	5.93	µg/L	EPA 525.2	0.022	0.1			
2021/22-1	Lab	LCS dup, rec	11/18/2021	Pesticide	Diazinon	n/a	=	119	%	EPA 525.2	-88	-88	50	120	
2021/22-1	Lab	LCS, RPD	11/18/2021	Pesticide	Diazinon	n/a	=	1	%	EPA 525.2	-88	-88	0	30	
2021/22-1	Lab	LCS	11/18/2021	Pesticide	Diazinon	n/a	=	6	µg/L	EPA 525.2	0.022	0.1			
2021/22-1	Lab	LCS, rec	11/18/2021	Pesticide	Diazinon	n/a	=	120	%	EPA 525.2	-88	-88	50	120	
2021/22-1	ME-CC	matrix spike	11/5/2021	Pesticide	Diazinon	n/a	=	0.297	µg/L	EPA 625.1m	0.026	0.05			
2021/22-1	ME-CC	matrix spike, rec	11/5/2021	Pesticide	Diazinon	n/a	=	119	%	EPA 625.1m	-88	-88	50	139	
2021/22-1	ME-CC	matrix spike dup	11/5/2021	Pesticide	Diazinon	n/a	=	0.345	µg/L	EPA 625.1m	0.026	0.05			
2021/22-1	ME-CC	matrix spike dup, rec	11/5/2021	Pesticide	Diazinon	n/a	=	138	%	EPA 625.1m	-88	-88	50	139	
2021/22-1	ME-CC	matrix spike, RPD	11/5/2021	Pesticide	Diazinon	n/a	=	15	%	EPA 625.1m	-88	-88	0	25	
2021/22-1	MO-OJA	matrix spike	11/12/2021	Pesticide	Diazinon	n/a	=	0.259	µg/L	EPA 625.1m	0.026	0.05			
2021/22-1	MO-OJA	matrix spike, rec	11/12/2021	Pesticide	Diazinon	n/a	=	104	%	EPA 625.1m	-88	-88	46	139	
2021/22-1	MO-OJA	matrix spike dup	11/12/2021	Pesticide	Diazinon	n/a	=	0.281	µg/L	EPA 625.1m	0.026	0.05			
2021/22-1	MO-OJA	matrix spike dup, rec	11/12/2021	Pesticide	Diazinon	n/a	=	112	%	EPA 625.1m	-88	-88	46	139	
2021/22-1	MO-OJA	matrix spike, RPD	11/12/2021	Pesticide	Diazinon	n/a	=	8	%	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	
2021/22-1	Lab	method blank	11/7/2021	Pesticide	Dicamba	n/a	<	0.049	µg/L	EPA 515.4	0.049	0.6			
2021/22-1	Lab	LCS	11/7/2021	Pesticide	Dicamba	n/a	=	7.96	µg/L	EPA 515.4	0.049	0.6			
2021/22-1	Lab	LCS, rec	11/7/2021	Pesticide	Dicamba	n/a	=	100	%	EPA 515.4	-88	-88	70	130	
2021/22-1	ME-CC	matrix spike	11/7/2021	Pesticide	Dicamba	n/a	=	8.34	µg/L	EPA 515.4	0.049	0.6			
2021/22-1	ME-CC	matrix spike, rec	11/7/2021	Pesticide	Dicamba	n/a	=	104	%	EPA 515.4	-88	-88	70	130	
2021/22-1	ME-CC	matrix spike dup	11/7/2021	Pesticide	Dicamba	n/a	=	8.08	µg/L	EPA 515.4	0.049	0.6			
2021/22-1	ME-CC	matrix spike dup, rec	11/7/2021	Pesticide	Dicamba	n/a	=	101	%	EPA 515.4	-88	-88	70	130	
2021/22-1	ME-CC	matrix spike, RPD	11/7/2021	Pesticide	Dicamba	n/a	=	3	%	EPA 515.4	-88	-88	0	30	
2021/22-1	Lab	method blank	11/7/2021	Pesticide	Dichlorprop	n/a	<	0.12	µg/L	EPA 515.4	0.12	0.3			
2021/22-1	Lab	LCS	11/7/2021	Pesticide	Dichlorprop	n/a	=	8.1	µg/L	EPA 515.4	0.12	0.3			
2021/22-1	Lab	LCS, rec	11/7/2021	Pesticide	Dichlorprop	n/a	=	101	%	EPA 515.4	-88	-88	70	130	
2021/22-1	ME-CC	matrix spike	11/7/2021	Pesticide	Dichlorprop	n/a	=	8.47	µg/L	EPA 515.4	0.12	0.3			
2021/22-1	ME-CC	matrix spike, rec	11/7/2021	Pesticide	Dichlorprop	n/a	=	106	%	EPA 515.4	-88	-88	70	130	
2021/22-1	ME-CC	matrix spike dup	11/7/2021	Pesticide	Dichlorprop	n/a	=	8.35	µg/L	EPA 515.4	0.12	0.3			
2021/22-1	ME-CC	matrix spike dup, rec	11/7/2021	Pesticide	Dichlorprop	n/a	=	104	%	EPA 515.4	-88	-88	70	130	
2021/22-1	ME-CC	matrix spike, RPD	11/7/2021	Pesticide	Dichlorprop	n/a	=	1	%	EPA 515.4	-88	-88	0	30	
2021/22-1	Lab	LCS	11/5/2021	Pesticide	Dichlorvos	n/a	=	0.0311	µg/L	EPA 625.1m	0.0029	0.01			
2021/22-1	Lab	LCS, rec	11/5/2021	Pesticide	Dichlorvos	n/a	=	62	%	EPA 625.1m	-88	-88	49	118	
2021/22-1	Lab	method blank	11/5/2021	Pesticide	Dichlorvos	n/a	<	0.0029	µg/L	EPA 625.1m	0.0029	0.01			
2021/22-1	Lab	LCS	11/12/2021	Pesticide	Dichlorvos	n/a	=	0.0305	µg/L	EPA 625.1m	0.0029	0.01			
2021/22-1	Lab	LCS, rec	11/12/2021	Pesticide	Dichlorvos	n/a	=	61	%	EPA 625.1m	-88	-88	39	118	
2021/22-1	Lab	method blank	11/12/2021	Pesticide	Dichlorvos	n/a	<	0.0029	µg/L	EPA 625.1m	0.0029	0.01			
2021/22-1	ME-CC	matrix spike	11/5/2021	Pesticide	Dichlorvos	n/a	=	0.167	µg/L	EPA 625.1m	0.014	0.05			
2021/22-1	ME-CC	matrix spike, rec	11/5/2021	Pesticide	Dichlorvos	n/a	=	67	%	EPA 625.1m	-88	-88	52	132	
2021/22-1	ME-CC	matrix spike dup	11/5/2021	Pesticide	Dichlorvos	n/a	=	0.208	µg/L	EPA 625.1m	0.014	0.05			
2021/22-1	ME-CC	matrix spike dup, rec	11/5/2021	Pesticide	Dichlorvos	n/a	=	83	%	EPA 625.1m	-88	-88	52	132	
2021/22-1	ME-CC	matrix spike, RPD	11/5/2021	Pesticide	Dichlorvos	n/a	=	22	%	EPA 625.1m	-88	-88	0	30	
2021/22-1	MO-OJA	matrix spike	11/12/2021	Pesticide	Dichlorvos	n/a	=	0.186	µg/L	EPA 625.1m	0.014	0.05			
2021/22-1	MO-OJA	matrix spike, rec	11/12/2021	Pesticide	Dichlorvos	n/a	=	74	%	EPA 625.1m	-88	-88	52	132	
2021/22-1	MO-OJA	matrix spike dup	11/12/2021	Pesticide	Dichlorvos	n/a	=	0.161	µg/L	EPA 625.1m	0.014	0.05			
2021/22-1	MO-OJA	matrix spike dup, rec	11/12/2021	Pesticide	Dichlorvos	n/a	=	64	%	EPA 625.1m	-88	-88	52	132	
2021/22-1	MO-OJA	matrix spike, RPD	11/12/2021	Pesticide	Dichlorvos	n/a	=	14	%	EPA 625.1m	-88	-88	0	30	
2021/22-1	000NONPJ	matrix spike	12/6/2021	Pesticide	Dieldrin	n/a	=	0.0848	µg/L	EPA 608.3	0.004	0.05			
2021/22-1	000NONPJ	matrix spike, rec	12/6/2021	Pesticide	Dieldrin	n/a	=	77	%	EPA 608.3	-88	-88	36	146	
2021/22-1	000NONPJ	matrix spike dup	12/6/2021	Pesticide	Dieldrin	n/a	=	0.0907	µg/L	EPA 608.3	0.004	0.05			
2021/22-1	000NONPJ	matrix spike dup, rec	12/6/2021	Pesticide	Dieldrin	n/a	=	83	%	EPA 608.3	-88	-88	36	146	
2021/22-1	000NONPJ	matrix spike, RPD	12/6/2021	Pesticide	Dieldrin	n/a	=	7	%	EPA 608.3	-88	-88	0	30	
2021/22-1	Lab	method blank	12/6/2021	Pesticide	Dieldrin	n/a	<	0.0008	µg/L	EPA 608.3	0.0008	0.01			
2021/22-1	Lab	LCS	12/6/2021	Pesticide	Dieldrin	n/a	=	0.0988	µg/L	EPA 608.3	0.0008	0.01			
2021/22-1	Lab	LCS, rec	12/6/2021	Pesticide	Dieldrin	n/a	=	99	%	EPA 608.3	-88	-88	58	130	
2021/22-1	Lab	method blank	12/10/2021	Pesticide	Dieldrin	n/a	<	0.0008	µg/L	EPA 608.3	0.0008	0.01			
2021/22-1	Lab	LCS	12/10/2021	Pesticide	Dieldrin	n/a	=	0.0826	µg/L	EPA 608.3	0.0008	0.01			
2021/22-1	Lab	LCS, rec	12/10/2021	Pesticide	Dieldrin	n/a	=	83	%	EPA 608.3	-88	-88	58	130	
2021/22-1	Lab	LCS dup	12/10/2021	Pesticide	Dieldrin	n/a	=	0.0873	µg/L	EPA 608.3	0.0008	0.01			
2021/22-1	Lab	LCS dup, rec	12/10/2021	Pesticide	Dieldrin	n/a	=	87	%	EPA 608.3	-88	-88	58	130	
2021/22-1	Lab	LCS, RPD	12/10/2021	Pesticide	Dieldrin	n/a	=	5	%	EPA 608.3	-88	-88	0	30	
2021/22-1	Lab	LCS	11/5/2021	Pesticide	Dimethoate	n/a	=	0.0437	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	
2021/22-1	Lab	LCS, rec	11/5/2021	Pesticide	Dimethoate	n/a	=	87	%	EPA 625.1m	-88	-88	11	200	
2021/22-1	Lab	method blank	11/5/2021	Pesticide	Dimethoate	n/a	<	0.0062	µg/L	EPA 625.1m	0.0062	0.01			
2021/22-1	Lab	method blank	11/9/2021	Pesticide	Dimethoate	n/a	<	0.02	µg/L	EPA 525.2	0.02	0.2			
2021/22-1	Lab	LCS dup	11/9/2021	Pesticide	Dimethoate	n/a	=	5.07	µg/L	EPA 525.2	0.02	0.2			
2021/22-1	Lab	LCS dup, rec	11/9/2021	Pesticide	Dimethoate	n/a	=	101	%	EPA 525.2	-88	-88	50	120	
2021/22-1	Lab	LCS, RPD	11/9/2021	Pesticide	Dimethoate	n/a	=	5	%	EPA 525.2	-88	-88	0	30	
2021/22-1	Lab	LCS	11/9/2021	Pesticide	Dimethoate	n/a	=	5.33	µg/L	EPA 525.2	0.02	0.2			
2021/22-1	Lab	LCS, rec	11/9/2021	Pesticide	Dimethoate	n/a	=	107	%	EPA 525.2	-88	-88	50	120	
2021/22-1	Lab	LCS	11/12/2021	Pesticide	Dimethoate	n/a	=	0.0565	µg/L	EPA 625.1m	0.0062	0.01			
2021/22-1	Lab	LCS, rec	11/12/2021	Pesticide	Dimethoate	n/a	=	113	%	EPA 625.1m	-88	-88	10	200	
2021/22-1	Lab	method blank	11/12/2021	Pesticide	Dimethoate	n/a	<	0.0062	µg/L	EPA 625.1m	0.0062	0.01			
2021/22-1	Lab	method blank	11/15/2021	Pesticide	Dimethoate	n/a	<	0.02	µg/L	EPA 525.2	0.02	0.2			
2021/22-1	Lab	LCS	11/15/2021	Pesticide	Dimethoate	n/a	=	6.47	µg/L	EPA 525.2	0.02	0.2			EUM
2021/22-1	Lab	LCS, rec	11/15/2021	Pesticide	Dimethoate	n/a	=	129	%	EPA 525.2	-88	-88	50	120	EUM
2021/22-1	Lab	LCS dup	11/15/2021	Pesticide	Dimethoate	n/a	=	6.59	µg/L	EPA 525.2	0.02	0.2			EUM
2021/22-1	Lab	LCS dup, rec	11/15/2021	Pesticide	Dimethoate	n/a	=	132	%	EPA 525.2	-88	-88	50	120	EUM
2021/22-1	Lab	LCS, RPD	11/15/2021	Pesticide	Dimethoate	n/a	=	2	%	EPA 525.2	-88	-88	0	30	EUM
2021/22-1	Lab	method blank	11/18/2021	Pesticide	Dimethoate	n/a	<	0.02	µg/L	EPA 525.2	0.02	0.2			
2021/22-1	Lab	LCS dup	11/18/2021	Pesticide	Dimethoate	n/a	=	5.33	µg/L	EPA 525.2	0.02	0.2			
2021/22-1	Lab	LCS dup, rec	11/18/2021	Pesticide	Dimethoate	n/a	=	107	%	EPA 525.2	-88	-88	50	120	
2021/22-1	Lab	LCS, RPD	11/18/2021	Pesticide	Dimethoate	n/a	=	3	%	EPA 525.2	-88	-88	0	30	
2021/22-1	Lab	LCS	11/18/2021	Pesticide	Dimethoate	n/a	=	5.47	µg/L	EPA 525.2	0.02	0.2			
2021/22-1	Lab	LCS, rec	11/18/2021	Pesticide	Dimethoate	n/a	=	109	%	EPA 525.2	-88	-88	50	120	
2021/22-1	ME-CC	matrix spike	11/5/2021	Pesticide	Dimethoate	n/a	=	0.32	µg/L	EPA 625.1m	0.031	0.05			
2021/22-1	ME-CC	matrix spike, rec	11/5/2021	Pesticide	Dimethoate	n/a	=	128	%	EPA 625.1m	-88	-88	0.1	208	
2021/22-1	ME-CC	matrix spike dup	11/5/2021	Pesticide	Dimethoate	n/a	=	0.275	µg/L	EPA 625.1m	0.031	0.05			
2021/22-1	ME-CC	matrix spike dup, rec	11/5/2021	Pesticide	Dimethoate	n/a	=	110	%	EPA 625.1m	-88	-88	0.1	208	
2021/22-1	ME-CC	matrix spike, RPD	11/5/2021	Pesticide	Dimethoate	n/a	=	15	%	EPA 625.1m	-88	-88	0	30	
2021/22-1	MO-OJA	matrix spike	11/12/2021	Pesticide	Dimethoate	n/a	=	0.622	µg/L	EPA 625.1m	0.031	0.05			GB
2021/22-1	MO-OJA	matrix spike, rec	11/12/2021	Pesticide	Dimethoate	n/a	=	249	%	EPA 625.1m	-88	-88	0.1	208	GB
2021/22-1	MO-OJA	matrix spike dup	11/12/2021	Pesticide	Dimethoate	n/a	=	0.449	µg/L	EPA 625.1m	0.031	0.05			IL
2021/22-1	MO-OJA	matrix spike dup, rec	11/12/2021	Pesticide	Dimethoate	n/a	=	180	%	EPA 625.1m	-88	-88	0.1	208	IL
2021/22-1	MO-OJA	matrix spike, RPD	11/12/2021	Pesticide	Dimethoate	n/a	=	32	%	EPA 625.1m	-88	-88	0	30	IL
2021/22-1	Lab	method blank	11/7/2021	Pesticide	Dinoseb	n/a	<	0.033	µg/L	EPA 515.4	0.033	0.4			
2021/22-1	Lab	LCS	11/7/2021	Pesticide	Dinoseb	n/a	=	3.91	µg/L	EPA 515.4	0.033	0.4			
2021/22-1	Lab	LCS, rec	11/7/2021	Pesticide	Dinoseb	n/a	=	98	%	EPA 515.4	-88	-88	70	130	
2021/22-1	ME-CC	matrix spike	11/7/2021	Pesticide	Dinoseb	n/a	=	4.14	µg/L	EPA 515.4	0.033	0.4			
2021/22-1	ME-CC	matrix spike, rec	11/7/2021	Pesticide	Dinoseb	n/a	=	104	%	EPA 515.4	-88	-88	70	130	
2021/22-1	ME-CC	matrix spike dup	11/7/2021	Pesticide	Dinoseb	n/a	=	4.03	µg/L	EPA 515.4	0.033	0.4			
2021/22-1	ME-CC	matrix spike dup, rec	11/7/2021	Pesticide	Dinoseb	n/a	=	101	%	EPA 515.4	-88	-88	70	130	
2021/22-1	ME-CC	matrix spike, RPD	11/7/2021	Pesticide	Dinoseb	n/a	=	3	%	EPA 515.4	-88	-88	0	30	
2021/22-1	Lab	method blank	11/9/2021	Pesticide	Diphenamid	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1			
2021/22-1	Lab	LCS dup	11/9/2021	Pesticide	Diphenamid	n/a	=	5.11	µg/L	EPA 525.2	0.03	0.1			
2021/22-1	Lab	LCS dup, rec	11/9/2021	Pesticide	Diphenamid	n/a	=	102	%	EPA 525.2	-88	-88	70	130	
2021/22-1	Lab	LCS, RPD	11/9/2021	Pesticide	Diphenamid	n/a	=	0.6	%	EPA 525.2	-88	-88	0	30	
2021/22-1	Lab	LCS	11/9/2021	Pesticide	Diphenamid	n/a	=	5.08	µg/L	EPA 525.2	0.03	0.1			
2021/22-1	Lab	LCS, rec	11/9/2021	Pesticide	Diphenamid	n/a	=	102	%	EPA 525.2	-88	-88	70	130	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2021/22-1	Lab	method blank	11/15/2021	Pesticide	Diphenamid	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1			
2021/22-1	Lab	LCS	11/15/2021	Pesticide	Diphenamid	n/a	=	5.75	µg/L	EPA 525.2	0.03	0.1			
2021/22-1	Lab	LCS, rec	11/15/2021	Pesticide	Diphenamid	n/a	=	115	%	EPA 525.2	-88	-88	70	130	
2021/22-1	Lab	LCS dup	11/15/2021	Pesticide	Diphenamid	n/a	=	5.81	µg/L	EPA 525.2	0.03	0.1			
2021/22-1	Lab	LCS dup, rec	11/15/2021	Pesticide	Diphenamid	n/a	=	116	%	EPA 525.2	-88	-88	70	130	
2021/22-1	Lab	LCS, RPD	11/15/2021	Pesticide	Diphenamid	n/a	=	1	%	EPA 525.2	-88	-88	0	30	
2021/22-1	Lab	method blank	11/18/2021	Pesticide	Diphenamid	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1			
2021/22-1	Lab	LCS dup	11/18/2021	Pesticide	Diphenamid	n/a	=	5.78	µg/L	EPA 525.2	0.03	0.1			
2021/22-1	Lab	LCS dup, rec	11/18/2021	Pesticide	Diphenamid	n/a	=	116	%	EPA 525.2	-88	-88	70	130	
2021/22-1	Lab	LCS, RPD	11/18/2021	Pesticide	Diphenamid	n/a	=	0.3	%	EPA 525.2	-88	-88	0	30	
2021/22-1	Lab	LCS	11/18/2021	Pesticide	Diphenamid	n/a	=	5.76	µg/L	EPA 525.2	0.03	0.1			
2021/22-1	Lab	LCS, rec	11/18/2021	Pesticide	Diphenamid	n/a	=	115	%	EPA 525.2	-88	-88	70	130	
2021/22-1	Lab	LCS	11/5/2021	Pesticide	Disulfoton	n/a	=	0.0496	µg/L	EPA 625.1m	0.01	0.01			
2021/22-1	Lab	LCS, rec	11/5/2021	Pesticide	Disulfoton	n/a	=	99	%	EPA 625.1m	-88	-88	65	121	
2021/22-1	Lab	method blank	11/5/2021	Pesticide	Disulfoton	n/a	<	0.01	µg/L	EPA 625.1m	0.01	0.01			
2021/22-1	Lab	method blank	11/9/2021	Pesticide	Disulfoton	n/a	<	0.015	µg/L	EPA 525.2	0.015	0.1			
2021/22-1	Lab	LCS dup	11/9/2021	Pesticide	Disulfoton	n/a	=	5.45	µg/L	EPA 525.2	0.015	0.1			
2021/22-1	Lab	LCS dup, rec	11/9/2021	Pesticide	Disulfoton	n/a	=	109	%	EPA 525.2	-88	-88	50	120	
2021/22-1	Lab	LCS, RPD	11/9/2021	Pesticide	Disulfoton	n/a	=	2	%	EPA 525.2	-88	-88	0	30	
2021/22-1	Lab	LCS	11/9/2021	Pesticide	Disulfoton	n/a	=	5.54	µg/L	EPA 525.2	0.015	0.1			
2021/22-1	Lab	LCS, rec	11/9/2021	Pesticide	Disulfoton	n/a	=	111	%	EPA 525.2	-88	-88	50	120	
2021/22-1	Lab	LCS	11/12/2021	Pesticide	Disulfoton	n/a	=	0.0436	µg/L	EPA 625.1m	0.01	0.01			
2021/22-1	Lab	LCS, rec	11/12/2021	Pesticide	Disulfoton	n/a	=	87	%	EPA 625.1m	-88	-88	65	121	
2021/22-1	Lab	method blank	11/12/2021	Pesticide	Disulfoton	n/a	<	0.01	µg/L	EPA 625.1m	0.01	0.01			
2021/22-1	Lab	method blank	11/15/2021	Pesticide	Disulfoton	n/a	<	0.015	µg/L	EPA 525.2	0.015	0.1			
2021/22-1	Lab	LCS	11/15/2021	Pesticide	Disulfoton	n/a	=	6.29	µg/L	EPA 525.2	0.015	0.1			EUM
2021/22-1	Lab	LCS, rec	11/15/2021	Pesticide	Disulfoton	n/a	=	126	%	EPA 525.2	-88	-88	50	120	EUM
2021/22-1	Lab	LCS dup	11/15/2021	Pesticide	Disulfoton	n/a	=	6.27	µg/L	EPA 525.2	0.015	0.1			EUM
2021/22-1	Lab	LCS dup, rec	11/15/2021	Pesticide	Disulfoton	n/a	=	125	%	EPA 525.2	-88	-88	50	120	EUM
2021/22-1	Lab	LCS, RPD	11/15/2021	Pesticide	Disulfoton	n/a	=	0.2	%	EPA 525.2	-88	-88	0	30	EUM
2021/22-1	Lab	method blank	11/18/2021	Pesticide	Disulfoton	n/a	<	0.015	µg/L	EPA 525.2	0.015	0.1			
2021/22-1	Lab	LCS dup	11/18/2021	Pesticide	Disulfoton	n/a	=	6.12	µg/L	EPA 525.2	0.015	0.1			EUM
2021/22-1	Lab	LCS dup, rec	11/18/2021	Pesticide	Disulfoton	n/a	=	122	%	EPA 525.2	-88	-88	50	120	EUM
2021/22-1	Lab	LCS, RPD	11/18/2021	Pesticide	Disulfoton	n/a	=	1	%	EPA 525.2	-88	-88	0	30	EUM
2021/22-1	Lab	LCS	11/18/2021	Pesticide	Disulfoton	n/a	=	6.06	µg/L	EPA 525.2	0.015	0.1			EUM
2021/22-1	Lab	LCS, rec	11/18/2021	Pesticide	Disulfoton	n/a	=	121	%	EPA 525.2	-88	-88	50	120	EUM
2021/22-1	ME-CC	matrix spike	11/5/2021	Pesticide	Disulfoton	n/a	=	0.253	µg/L	EPA 625.1m	0.05	0.05			
2021/22-1	ME-CC	matrix spike, rec	11/5/2021	Pesticide	Disulfoton	n/a	=	101	%	EPA 625.1m	-88	-88	33	172	
2021/22-1	ME-CC	matrix spike dup	11/5/2021	Pesticide	Disulfoton	n/a	=	0.305	µg/L	EPA 625.1m	0.05	0.05			
2021/22-1	ME-CC	matrix spike dup, rec	11/5/2021	Pesticide	Disulfoton	n/a	=	122	%	EPA 625.1m	-88	-88	33	172	
2021/22-1	ME-CC	matrix spike, RPD	11/5/2021	Pesticide	Disulfoton	n/a	=	19	%	EPA 625.1m	-88	-88	0	30	
2021/22-1	MO-OJA	matrix spike	11/12/2021	Pesticide	Disulfoton	n/a	=	0.274	µg/L	EPA 625.1m	0.05	0.05			
2021/22-1	MO-OJA	matrix spike, rec	11/12/2021	Pesticide	Disulfoton	n/a	=	109	%	EPA 625.1m	-88	-88	33	172	
2021/22-1	MO-OJA	matrix spike dup	11/12/2021	Pesticide	Disulfoton	n/a	=	0.224	µg/L	EPA 625.1m	0.05	0.05			
2021/22-1	MO-OJA	matrix spike dup, rec	11/12/2021	Pesticide	Disulfoton	n/a	=	90	%	EPA 625.1m	-88	-88	33	172	
2021/22-1	MO-OJA	matrix spike, RPD	11/12/2021	Pesticide	Disulfoton	n/a	=	20	%	EPA 625.1m	-88	-88	0	30	
2021/22-1	000NONPJ	matrix spike	12/6/2021	Pesticide	Endosulfan I	n/a	DNQ	0.0857	µg/L	EPA 608.3	0.0045	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	
2021/22-1	000NONPJ	matrix spike, rec	12/6/2021	Pesticide	Endosulfan I	n/a	=	78	%	EPA 608.3	-88	-88	45	153	
2021/22-1	000NONPJ	matrix spike dup	12/6/2021	Pesticide	Endosulfan I	n/a	DNQ	0.0917	µg/L	EPA 608.3	0.0045	0.1			
2021/22-1	000NONPJ	matrix spike dup, rec	12/6/2021	Pesticide	Endosulfan I	n/a	=	84	%	EPA 608.3	-88	-88	45	153	
2021/22-1	000NONPJ	matrix spike, RPD	12/6/2021	Pesticide	Endosulfan I	n/a	=	7	%	EPA 608.3	-88	-88	0	30	
2021/22-1	Lab	method blank	12/6/2021	Pesticide	Endosulfan I	n/a	<	0.0009	µg/L	EPA 608.3	0.0009	0.02			
2021/22-1	Lab	LCS	12/6/2021	Pesticide	Endosulfan I	n/a	=	0.0986	µg/L	EPA 608.3	0.0009	0.02			
2021/22-1	Lab	LCS, rec	12/6/2021	Pesticide	Endosulfan I	n/a	=	99	%	EPA 608.3	-88	-88	57	141	
2021/22-1	Lab	method blank	12/10/2021	Pesticide	Endosulfan I	n/a	<	0.0009	µg/L	EPA 608.3	0.0009	0.02			
2021/22-1	Lab	LCS	12/10/2021	Pesticide	Endosulfan I	n/a	=	0.0831	µg/L	EPA 608.3	0.0009	0.02			
2021/22-1	Lab	LCS, rec	12/10/2021	Pesticide	Endosulfan I	n/a	=	83	%	EPA 608.3	-88	-88	57	141	
2021/22-1	Lab	LCS dup	12/10/2021	Pesticide	Endosulfan I	n/a	=	0.0865	µg/L	EPA 608.3	0.0009	0.02			
2021/22-1	Lab	LCS dup, rec	12/10/2021	Pesticide	Endosulfan I	n/a	=	86	%	EPA 608.3	-88	-88	57	141	
2021/22-1	Lab	LCS, RPD	12/10/2021	Pesticide	Endosulfan I	n/a	=	4	%	EPA 608.3	-88	-88	0	30	
2021/22-1	000NONPJ	matrix spike	12/6/2021	Pesticide	Endosulfan II	n/a	=	0.0861	µg/L	EPA 608.3	0.0035	0.05			
2021/22-1	000NONPJ	matrix spike, rec	12/6/2021	Pesticide	Endosulfan II	n/a	=	86	%	EPA 608.3	-88	-88	17	202	
2021/22-1	000NONPJ	matrix spike dup	12/6/2021	Pesticide	Endosulfan II	n/a	=	0.0913	µg/L	EPA 608.3	0.0035	0.05			
2021/22-1	000NONPJ	matrix spike dup, rec	12/6/2021	Pesticide	Endosulfan II	n/a	=	91	%	EPA 608.3	-88	-88	17	202	
2021/22-1	000NONPJ	matrix spike, RPD	12/6/2021	Pesticide	Endosulfan II	n/a	=	6	%	EPA 608.3	-88	-88	0	30	
2021/22-1	Lab	method blank	12/6/2021	Pesticide	Endosulfan II	n/a	<	0.0007	µg/L	EPA 608.3	0.0007	0.01			
2021/22-1	Lab	LCS	12/6/2021	Pesticide	Endosulfan II	n/a	=	0.1	µg/L	EPA 608.3	0.0007	0.01			
2021/22-1	Lab	LCS, rec	12/6/2021	Pesticide	Endosulfan II	n/a	=	100	%	EPA 608.3	-88	-88	22	171	
2021/22-1	Lab	method blank	12/10/2021	Pesticide	Endosulfan II	n/a	<	0.0007	µg/L	EPA 608.3	0.0007	0.01			
2021/22-1	Lab	LCS	12/10/2021	Pesticide	Endosulfan II	n/a	=	0.0887	µg/L	EPA 608.3	0.0007	0.01			
2021/22-1	Lab	LCS, rec	12/10/2021	Pesticide	Endosulfan II	n/a	=	89	%	EPA 608.3	-88	-88	22	171	
2021/22-1	Lab	LCS dup	12/10/2021	Pesticide	Endosulfan II	n/a	=	0.0835	µg/L	EPA 608.3	0.0007	0.01			
2021/22-1	Lab	LCS dup, rec	12/10/2021	Pesticide	Endosulfan II	n/a	=	84	%	EPA 608.3	-88	-88	22	171	
2021/22-1	Lab	LCS, RPD	12/10/2021	Pesticide	Endosulfan II	n/a	=	6	%	EPA 608.3	-88	-88	0	30	
2021/22-1	000NONPJ	matrix spike	12/6/2021	Pesticide	Endosulfan sulfate	n/a	DNQ	0.0899	µg/L	EPA 608.3	0.0065	0.25			
2021/22-1	000NONPJ	matrix spike, rec	12/6/2021	Pesticide	Endosulfan sulfate	n/a	=	90	%	EPA 608.3	-88	-88	26	144	
2021/22-1	000NONPJ	matrix spike dup	12/6/2021	Pesticide	Endosulfan sulfate	n/a	DNQ	0.101	µg/L	EPA 608.3	0.0065	0.25			
2021/22-1	000NONPJ	matrix spike dup, rec	12/6/2021	Pesticide	Endosulfan sulfate	n/a	=	101	%	EPA 608.3	-88	-88	26	144	
2021/22-1	000NONPJ	matrix spike, RPD	12/6/2021	Pesticide	Endosulfan sulfate	n/a	=	12	%	EPA 608.3	-88	-88	0	30	
2021/22-1	Lab	method blank	12/6/2021	Pesticide	Endosulfan sulfate	n/a	<	0.0013	µg/L	EPA 608.3	0.0013	0.05			
2021/22-1	Lab	LCS	12/6/2021	Pesticide	Endosulfan sulfate	n/a	=	0.102	µg/L	EPA 608.3	0.0013	0.05			
2021/22-1	Lab	LCS, rec	12/6/2021	Pesticide	Endosulfan sulfate	n/a	=	102	%	EPA 608.3	-88	-88	38	132	
2021/22-1	Lab	method blank	12/10/2021	Pesticide	Endosulfan sulfate	n/a	<	0.0013	µg/L	EPA 608.3	0.0013	0.05			
2021/22-1	Lab	LCS	12/10/2021	Pesticide	Endosulfan sulfate	n/a	=	0.0694	µg/L	EPA 608.3	0.0013	0.05			
2021/22-1	Lab	LCS, rec	12/10/2021	Pesticide	Endosulfan sulfate	n/a	=	69	%	EPA 608.3	-88	-88	38	132	
2021/22-1	Lab	LCS dup	12/10/2021	Pesticide	Endosulfan sulfate	n/a	=	0.0828	µg/L	EPA 608.3	0.0013	0.05			
2021/22-1	Lab	LCS dup, rec	12/10/2021	Pesticide	Endosulfan sulfate	n/a	=	83	%	EPA 608.3	-88	-88	38	132	
2021/22-1	Lab	LCS, RPD	12/10/2021	Pesticide	Endosulfan sulfate	n/a	=	18	%	EPA 608.3	-88	-88	0	30	
2021/22-1	000NONPJ	matrix spike	12/6/2021	Pesticide	Endrin	n/a	=	0.0993	µg/L	EPA 608.3	0.0085	0.05			
2021/22-1	000NONPJ	matrix spike, rec	12/6/2021	Pesticide	Endrin	n/a	=	99	%	EPA 608.3	-88	-88	30	147	
2021/22-1	000NONPJ	matrix spike dup	12/6/2021	Pesticide	Endrin	n/a	=	0.107	µg/L	EPA 608.3	0.0085	0.05			
2021/22-1	000NONPJ	matrix spike dup, rec	12/6/2021	Pesticide	Endrin	n/a	=	107	%	EPA 608.3	-88	-88	30	147	
2021/22-1	000NONPJ	matrix spike, RPD	12/6/2021	Pesticide	Endrin	n/a	=	7	%	EPA 608.3	-88	-88	0	30	
2021/22-1	Lab	method blank	12/6/2021	Pesticide	Endrin	n/a	<	0.0017	µg/L	EPA 608.3	0.0017	0.01			

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2021/22-1	Lab	LCS	12/6/2021	Pesticide	Endrin	n/a	=	0.105	µg/L	EPA 608.3	0.0017	0.01			
2021/22-1	Lab	LCS, rec	12/6/2021	Pesticide	Endrin	n/a	=	105	%	EPA 608.3	-88	-88	51	130	
2021/22-1	Lab	method blank	12/10/2021	Pesticide	Endrin	n/a	<	0.0017	µg/L	EPA 608.3	0.0017	0.01			
2021/22-1	Lab	LCS	12/10/2021	Pesticide	Endrin	n/a	=	0.0919	µg/L	EPA 608.3	0.0017	0.01			
2021/22-1	Lab	LCS, rec	12/10/2021	Pesticide	Endrin	n/a	=	92	%	EPA 608.3	-88	-88	51	130	
2021/22-1	Lab	LCS dup	12/10/2021	Pesticide	Endrin	n/a	=	0.0953	µg/L	EPA 608.3	0.0017	0.01			
2021/22-1	Lab	LCS dup, rec	12/10/2021	Pesticide	Endrin	n/a	=	95	%	EPA 608.3	-88	-88	51	130	
2021/22-1	Lab	LCS, RPD	12/10/2021	Pesticide	Endrin	n/a	=	4	%	EPA 608.3	-88	-88	0	30	
2021/22-1	000NONPJ	matrix spike	12/6/2021	Pesticide	Endrin aldehyde	n/a	=	0.0737	µg/L	EPA 608.3	0.0095	0.05			
2021/22-1	000NONPJ	matrix spike, rec	12/6/2021	Pesticide	Endrin aldehyde	n/a	=	74	%	EPA 608.3	-88	-88	11	140	
2021/22-1	000NONPJ	matrix spike dup	12/6/2021	Pesticide	Endrin aldehyde	n/a	=	0.0779	µg/L	EPA 608.3	0.0095	0.05			
2021/22-1	000NONPJ	matrix spike dup, rec	12/6/2021	Pesticide	Endrin aldehyde	n/a	=	78	%	EPA 608.3	-88	-88	11	140	
2021/22-1	000NONPJ	matrix spike, RPD	12/6/2021	Pesticide	Endrin aldehyde	n/a	=	6	%	EPA 608.3	-88	-88	0	30	
2021/22-1	Lab	method blank	12/6/2021	Pesticide	Endrin aldehyde	n/a	<	0.0019	µg/L	EPA 608.3	0.0019	0.01			
2021/22-1	Lab	LCS	12/6/2021	Pesticide	Endrin aldehyde	n/a	=	0.0945	µg/L	EPA 608.3	0.0019	0.01			
2021/22-1	Lab	LCS, rec	12/6/2021	Pesticide	Endrin aldehyde	n/a	=	95	%	EPA 608.3	-88	-88	18	130	
2021/22-1	Lab	method blank	12/10/2021	Pesticide	Endrin aldehyde	n/a	<	0.0019	µg/L	EPA 608.3	0.0019	0.01			
2021/22-1	Lab	LCS	12/10/2021	Pesticide	Endrin aldehyde	n/a	=	0.0674	µg/L	EPA 608.3	0.0019	0.01			
2021/22-1	Lab	LCS, rec	12/10/2021	Pesticide	Endrin aldehyde	n/a	=	67	%	EPA 608.3	-88	-88	18	130	
2021/22-1	Lab	LCS dup	12/10/2021	Pesticide	Endrin aldehyde	n/a	=	0.0749	µg/L	EPA 608.3	0.0019	0.01			
2021/22-1	Lab	LCS dup, rec	12/10/2021	Pesticide	Endrin aldehyde	n/a	=	75	%	EPA 608.3	-88	-88	18	130	
2021/22-1	Lab	LCS, RPD	12/10/2021	Pesticide	Endrin aldehyde	n/a	=	11	%	EPA 608.3	-88	-88	0	30	
2021/22-1	Lab	method blank	12/6/2021	Pesticide	Endrin ketone	n/a	<	0.004	µg/L	EPA 608.3	0.004	0.05			
2021/22-1	Lab	method blank	11/9/2021	Pesticide	EPTC	n/a	<	0.02	µg/L	EPA 525.2	0.02	0.1			
2021/22-1	Lab	LCS dup	11/9/2021	Pesticide	EPTC	n/a	=	5.99	µg/L	EPA 525.2	0.02	0.1			
2021/22-1	Lab	LCS dup, rec	11/9/2021	Pesticide	EPTC	n/a	=	120	%	EPA 525.2	-88	-88	70	130	
2021/22-1	Lab	LCS, RPD	11/9/2021	Pesticide	EPTC	n/a	=	2	%	EPA 525.2	-88	-88	0	30	
2021/22-1	Lab	LCS	11/9/2021	Pesticide	EPTC	n/a	=	5.86	µg/L	EPA 525.2	0.02	0.1			
2021/22-1	Lab	LCS, rec	11/9/2021	Pesticide	EPTC	n/a	=	117	%	EPA 525.2	-88	-88	70	130	
2021/22-1	Lab	method blank	11/15/2021	Pesticide	EPTC	n/a	<	0.02	µg/L	EPA 525.2	0.02	0.1			
2021/22-1	Lab	LCS	11/15/2021	Pesticide	EPTC	n/a	=	6.11	µg/L	EPA 525.2	0.02	0.1			
2021/22-1	Lab	LCS, rec	11/15/2021	Pesticide	EPTC	n/a	=	122	%	EPA 525.2	-88	-88	70	130	
2021/22-1	Lab	LCS dup	11/15/2021	Pesticide	EPTC	n/a	=	6.11	µg/L	EPA 525.2	0.02	0.1			
2021/22-1	Lab	LCS dup, rec	11/15/2021	Pesticide	EPTC	n/a	=	122	%	EPA 525.2	-88	-88	70	130	
2021/22-1	Lab	LCS, RPD	11/15/2021	Pesticide	EPTC	n/a	=	0.003	%	EPA 525.2	-88	-88	0	30	
2021/22-1	Lab	method blank	11/18/2021	Pesticide	EPTC	n/a	<	0.02	µg/L	EPA 525.2	0.02	0.1			
2021/22-1	Lab	LCS dup	11/18/2021	Pesticide	EPTC	n/a	=	6.06	µg/L	EPA 525.2	0.02	0.1			
2021/22-1	Lab	LCS dup, rec	11/18/2021	Pesticide	EPTC	n/a	=	121	%	EPA 525.2	-88	-88	70	130	
2021/22-1	Lab	LCS, RPD	11/18/2021	Pesticide	EPTC	n/a	=	1	%	EPA 525.2	-88	-88	0	30	
2021/22-1	Lab	LCS	11/18/2021	Pesticide	EPTC	n/a	=	5.98	µg/L	EPA 525.2	0.02	0.1			
2021/22-1	Lab	LCS, rec	11/18/2021	Pesticide	EPTC	n/a	=	120	%	EPA 525.2	-88	-88	70	130	
2021/22-1	Lab	LCS	11/5/2021	Pesticide	Ethoprop	n/a	=	0.0527	µg/L	EPA 625.1m	0.0067	0.01			
2021/22-1	Lab	LCS, rec	11/5/2021	Pesticide	Ethoprop	n/a	=	105	%	EPA 625.1m	-88	-88	76	150	
2021/22-1	Lab	method blank	11/5/2021	Pesticide	Ethoprop	n/a	<	0.0067	µg/L	EPA 625.1m	0.0067	0.01			
2021/22-1	Lab	LCS	11/12/2021	Pesticide	Ethoprop	n/a	=	0.0531	µg/L	EPA 625.1m	0.0067	0.01			
2021/22-1	Lab	LCS, rec	11/12/2021	Pesticide	Ethoprop	n/a	=	106	%	EPA 625.1m	-88	-88	76	165	
2021/22-1	Lab	method blank	11/12/2021	Pesticide	Ethoprop	n/a	<	0.0067	µg/L	EPA 625.1m	0.0067	0.01			

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2021/22-1	ME-CC	matrix spike	11/5/2021	Pesticide	Ethoprop	n/a	=	0.281	µg/L	EPA 625.1m	0.034	0.05			
2021/22-1	ME-CC	matrix spike, rec	11/5/2021	Pesticide	Ethoprop	n/a	=	112	%	EPA 625.1m	-88	-88	50	150	
2021/22-1	ME-CC	matrix spike dup	11/5/2021	Pesticide	Ethoprop	n/a	=	0.333	µg/L	EPA 625.1m	0.034	0.05			
2021/22-1	ME-CC	matrix spike dup, rec	11/5/2021	Pesticide	Ethoprop	n/a	=	133	%	EPA 625.1m	-88	-88	50	150	
2021/22-1	ME-CC	matrix spike, RPD	11/5/2021	Pesticide	Ethoprop	n/a	=	17	%	EPA 625.1m	-88	-88	0	30	
2021/22-1	MO-OJA	matrix spike	11/12/2021	Pesticide	Ethoprop	n/a	=	0.317	µg/L	EPA 625.1m	0.034	0.05			
2021/22-1	MO-OJA	matrix spike, rec	11/12/2021	Pesticide	Ethoprop	n/a	=	127	%	EPA 625.1m	-88	-88	50	150	
2021/22-1	MO-OJA	matrix spike dup	11/12/2021	Pesticide	Ethoprop	n/a	=	0.271	µg/L	EPA 625.1m	0.034	0.05			
2021/22-1	MO-OJA	matrix spike dup, rec	11/12/2021	Pesticide	Ethoprop	n/a	=	108	%	EPA 625.1m	-88	-88	50	150	
2021/22-1	MO-OJA	matrix spike, RPD	11/12/2021	Pesticide	Ethoprop	n/a	=	16	%	EPA 625.1m	-88	-88	0	30	
2021/22-1	Lab	LCS	11/5/2021	Pesticide	Ethyl parathion	n/a	=	0.0467	µg/L	EPA 625.1m	0.0054	0.01			
2021/22-1	Lab	LCS, rec	11/5/2021	Pesticide	Ethyl parathion	n/a	=	93	%	EPA 625.1m	-88	-88	61	139	
2021/22-1	Lab	method blank	11/5/2021	Pesticide	Ethyl parathion	n/a	<	0.0054	µg/L	EPA 625.1m	0.0054	0.01			
2021/22-1	Lab	LCS	11/12/2021	Pesticide	Ethyl parathion	n/a	=	0.0479	µg/L	EPA 625.1m	0.0054	0.01			
2021/22-1	Lab	LCS, rec	11/12/2021	Pesticide	Ethyl parathion	n/a	=	96	%	EPA 625.1m	-88	-88	61	139	
2021/22-1	Lab	method blank	11/12/2021	Pesticide	Ethyl parathion	n/a	<	0.0054	µg/L	EPA 625.1m	0.0054	0.01			
2021/22-1	ME-CC	matrix spike	11/5/2021	Pesticide	Ethyl parathion	n/a	=	0.256	µg/L	EPA 625.1m	0.027	0.05			
2021/22-1	ME-CC	matrix spike, rec	11/5/2021	Pesticide	Ethyl parathion	n/a	=	102	%	EPA 625.1m	-88	-88	26	201	
2021/22-1	ME-CC	matrix spike dup	11/5/2021	Pesticide	Ethyl parathion	n/a	=	0.295	µg/L	EPA 625.1m	0.027	0.05			
2021/22-1	ME-CC	matrix spike dup, rec	11/5/2021	Pesticide	Ethyl parathion	n/a	=	118	%	EPA 625.1m	-88	-88	26	201	
2021/22-1	ME-CC	matrix spike, RPD	11/5/2021	Pesticide	Ethyl parathion	n/a	=	14	%	EPA 625.1m	-88	-88	0	30	
2021/22-1	MO-OJA	matrix spike	11/12/2021	Pesticide	Ethyl parathion	n/a	=	0.251	µg/L	EPA 625.1m	0.027	0.05			
2021/22-1	MO-OJA	matrix spike, rec	11/12/2021	Pesticide	Ethyl parathion	n/a	=	100	%	EPA 625.1m	-88	-88	26	201	
2021/22-1	MO-OJA	matrix spike dup	11/12/2021	Pesticide	Ethyl parathion	n/a	=	0.216	µg/L	EPA 625.1m	0.027	0.05			
2021/22-1	MO-OJA	matrix spike dup, rec	11/12/2021	Pesticide	Ethyl parathion	n/a	=	87	%	EPA 625.1m	-88	-88	26	201	
2021/22-1	MO-OJA	matrix spike, RPD	11/12/2021	Pesticide	Ethyl parathion	n/a	=	15	%	EPA 625.1m	-88	-88	0	30	
2021/22-1	Lab	LCS	11/5/2021	Pesticide	Fensulfothion	n/a	=	0.112	µg/L	EPA 625.1m	0.0029	0.01			EUM
2021/22-1	Lab	LCS, rec	11/5/2021	Pesticide	Fensulfothion	n/a	=	224	%	EPA 625.1m	-88	-88	10	200	EUM
2021/22-1	Lab	method blank	11/5/2021	Pesticide	Fensulfothion	n/a	<	0.0029	µg/L	EPA 625.1m	0.0029	0.01			
2021/22-1	Lab	LCS	11/12/2021	Pesticide	Fensulfothion	n/a	=	0.127	µg/L	EPA 625.1m	0.0029	0.01			EUM
2021/22-1	Lab	LCS, rec	11/12/2021	Pesticide	Fensulfothion	n/a	=	254	%	EPA 625.1m	-88	-88	10	200	EUM
2021/22-1	Lab	method blank	11/12/2021	Pesticide	Fensulfothion	n/a	<	0.0029	µg/L	EPA 625.1m	0.0029	0.01			
2021/22-1	ME-CC	matrix spike	11/5/2021	Pesticide	Fensulfothion	n/a	=	0.656	µg/L	EPA 625.1m	0.014	0.05			GB
2021/22-1	ME-CC	matrix spike, rec	11/5/2021	Pesticide	Fensulfothion	n/a	=	263	%	EPA 625.1m	-88	-88	0.1	231	GB
2021/22-1	ME-CC	matrix spike dup	11/5/2021	Pesticide	Fensulfothion	n/a	=	0.609	µg/L	EPA 625.1m	0.014	0.05			GB
2021/22-1	ME-CC	matrix spike dup, rec	11/5/2021	Pesticide	Fensulfothion	n/a	=	244	%	EPA 625.1m	-88	-88	0.1	231	GB
2021/22-1	ME-CC	matrix spike, RPD	11/5/2021	Pesticide	Fensulfothion	n/a	=	7	%	EPA 625.1m	-88	-88	0	30	GB
2021/22-1	MO-OJA	matrix spike	11/12/2021	Pesticide	Fensulfothion	n/a	=	0.935	µg/L	EPA 625.1m	0.014	0.05			GB
2021/22-1	MO-OJA	matrix spike, rec	11/12/2021	Pesticide	Fensulfothion	n/a	=	374	%	EPA 625.1m	-88	-88	0.1	231	GB
2021/22-1	MO-OJA	matrix spike dup	11/12/2021	Pesticide	Fensulfothion	n/a	=	0.855	µg/L	EPA 625.1m	0.014	0.05			GB
2021/22-1	MO-OJA	matrix spike dup, rec	11/12/2021	Pesticide	Fensulfothion	n/a	=	342	%	EPA 625.1m	-88	-88	0.1	231	GB
2021/22-1	MO-OJA	matrix spike, RPD	11/12/2021	Pesticide	Fensulfothion	n/a	=	9	%	EPA 625.1m	-88	-88	0	30	GB
2021/22-1	Lab	LCS	11/5/2021	Pesticide	Fenthion	n/a	=	0.0638	µg/L	EPA 625.1m	0.0038	0.01			
2021/22-1	Lab	LCS, rec	11/5/2021	Pesticide	Fenthion	n/a	=	128	%	EPA 625.1m	-88	-88	77	154	
2021/22-1	Lab	method blank	11/5/2021	Pesticide	Fenthion	n/a	<	0.0038	µg/L	EPA 625.1m	0.0038	0.01			
2021/22-1	Lab	LCS	11/12/2021	Pesticide	Fenthion	n/a	=	0.0629	µg/L	EPA 625.1m	0.0038	0.01			
2021/22-1	Lab	LCS, rec	11/12/2021	Pesticide	Fenthion	n/a	=	126	%	EPA 625.1m	-88	-88	77	165	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2021/22-1	Lab	method blank	11/12/2021	Pesticide	Fenthion	n/a	<	0.0038	µg/L	EPA 625.1m	0.0038	0.01			
2021/22-1	ME-CC	matrix spike	11/5/2021	Pesticide	Fenthion	n/a	=	0.348	µg/L	EPA 625.1m	0.019	0.05			
2021/22-1	ME-CC	matrix spike, rec	11/5/2021	Pesticide	Fenthion	n/a	=	139	%	EPA 625.1m	-88	-88	27	164	
2021/22-1	ME-CC	matrix spike dup	11/5/2021	Pesticide	Fenthion	n/a	=	0.421	µg/L	EPA 625.1m	0.019	0.05			GB
2021/22-1	ME-CC	matrix spike dup, rec	11/5/2021	Pesticide	Fenthion	n/a	=	168	%	EPA 625.1m	-88	-88	27	164	GB
2021/22-1	ME-CC	matrix spike, RPD	11/5/2021	Pesticide	Fenthion	n/a	=	19	%	EPA 625.1m	-88	-88	0	30	GB
2021/22-1	MO-OJA	matrix spike	11/12/2021	Pesticide	Fenthion	n/a	=	0.331	µg/L	EPA 625.1m	0.019	0.05			
2021/22-1	MO-OJA	matrix spike, rec	11/12/2021	Pesticide	Fenthion	n/a	=	132	%	EPA 625.1m	-88	-88	27	164	
2021/22-1	MO-OJA	matrix spike dup	11/12/2021	Pesticide	Fenthion	n/a	=	0.306	µg/L	EPA 625.1m	0.019	0.05			
2021/22-1	MO-OJA	matrix spike dup, rec	11/12/2021	Pesticide	Fenthion	n/a	=	122	%	EPA 625.1m	-88	-88	27	164	
2021/22-1	MO-OJA	matrix spike, RPD	11/12/2021	Pesticide	Fenthion	n/a	=	8	%	EPA 625.1m	-88	-88	0	30	
2021/22-1	000NONPJ	matrix spike	12/6/2021	Pesticide	gamma-BHC (Lindane)	n/a	DNQ	0.0816	µg/L	EPA 608.3	0.002	0.1			
2021/22-1	000NONPJ	matrix spike, rec	12/6/2021	Pesticide	gamma-BHC (Lindane)	n/a	=	82	%	EPA 608.3	-88	-88	32	140	
2021/22-1	000NONPJ	matrix spike dup	12/6/2021	Pesticide	gamma-BHC (Lindane)	n/a	DNQ	0.0859	µg/L	EPA 608.3	0.002	0.1			
2021/22-1	000NONPJ	matrix spike dup, rec	12/6/2021	Pesticide	gamma-BHC (Lindane)	n/a	=	86	%	EPA 608.3	-88	-88	32	140	
2021/22-1	000NONPJ	matrix spike, RPD	12/6/2021	Pesticide	gamma-BHC (Lindane)	n/a	=	5	%	EPA 608.3	-88	-88	0	30	
2021/22-1	Lab	method blank	12/6/2021	Pesticide	gamma-BHC (Lindane)	n/a	<	0.0004	µg/L	EPA 608.3	0.0004	0.02			
2021/22-1	Lab	LCS	12/6/2021	Pesticide	gamma-BHC (Lindane)	n/a	=	0.107	µg/L	EPA 608.3	0.0004	0.02			
2021/22-1	Lab	LCS, rec	12/6/2021	Pesticide	gamma-BHC (Lindane)	n/a	=	107	%	EPA 608.3	-88	-88	43	130	
2021/22-1	Lab	method blank	12/10/2021	Pesticide	gamma-BHC (Lindane)	n/a	<	0.0004	µg/L	EPA 608.3	0.0004	0.02			
2021/22-1	Lab	LCS	12/10/2021	Pesticide	gamma-BHC (Lindane)	n/a	=	0.0821	µg/L	EPA 608.3	0.0004	0.02			
2021/22-1	Lab	LCS, rec	12/10/2021	Pesticide	gamma-BHC (Lindane)	n/a	=	82	%	EPA 608.3	-88	-88	43	130	
2021/22-1	Lab	LCS dup	12/10/2021	Pesticide	gamma-BHC (Lindane)	n/a	=	0.0907	µg/L	EPA 608.3	0.0004	0.02			
2021/22-1	Lab	LCS dup, rec	12/10/2021	Pesticide	gamma-BHC (Lindane)	n/a	=	91	%	EPA 608.3	-88	-88	43	130	
2021/22-1	Lab	LCS, RPD	12/10/2021	Pesticide	gamma-BHC (Lindane)	n/a	=	10	%	EPA 608.3	-88	-88	0	30	
2021/22-1	Lab	method blank	12/6/2021	Pesticide	gamma-Chlordane	n/a	<	0.0023	µg/L	EPA 608.3	0.0023	0.01			
2021/22-1	000NONPJ	matrix spike dup	11/7/2021	Pesticide	Glyphosate	n/a	<	120	µg/L	EPA 547	2.1	5			
2021/22-1	000NONPJ	matrix spike dup, rec	11/7/2021	Pesticide	Glyphosate	n/a	=	116	%	EPA 547	-88	-88	70	130	
2021/22-1	000NONPJ	matrix spike, RPD	11/7/2021	Pesticide	Glyphosate	n/a	=	5	%	EPA 547	-88	-88	0	30	
2021/22-1	000NONPJ	matrix spike	11/7/2021	Pesticide	Glyphosate	n/a	<	120	µg/L	EPA 547	2.1	5			
2021/22-1	000NONPJ	matrix spike, rec	11/7/2021	Pesticide	Glyphosate	n/a	=	122	%	EPA 547	-88	-88	70	130	
2021/22-1	Lab	method blank	11/7/2021	Pesticide	Glyphosate	n/a	<	2.1	µg/L	EPA 547	2.1	5			
2021/22-1	Lab	LCS	11/7/2021	Pesticide	Glyphosate	n/a	<	110	µg/L	EPA 547	2.1	5			
2021/22-1	Lab	LCS, rec	11/7/2021	Pesticide	Glyphosate	n/a	=	105	%	EPA 547	-88	-88	70	130	
2021/22-1	Lab	LCS dup	11/7/2021	Pesticide	Glyphosate	n/a	<	110	µg/L	EPA 547	2.1	5			
2021/22-1	Lab	LCS dup, rec	11/7/2021	Pesticide	Glyphosate	n/a	=	109	%	EPA 547	-88	-88	70	130	
2021/22-1	Lab	LCS, RPD	11/7/2021	Pesticide	Glyphosate	n/a	=	4	%	EPA 547	-88	-88	0	30	
2021/22-1	Lab	method blank	11/7/2021	Pesticide	Glyphosate	n/a	<	2.1	µg/L	EPA 547	2.1	5			
2021/22-1	Lab	LCS	11/7/2021	Pesticide	Glyphosate	n/a	<	110	µg/L	EPA 547	2.1	5			
2021/22-1	Lab	LCS, rec	11/7/2021	Pesticide	Glyphosate	n/a	=	107	%	EPA 547	-88	-88	70	130	
2021/22-1	Lab	LCS dup	11/7/2021	Pesticide	Glyphosate	n/a	<	110	µg/L	EPA 547	2.1	5			
2021/22-1	Lab	LCS dup, rec	11/7/2021	Pesticide	Glyphosate	n/a	=	110	%	EPA 547	-88	-88	70	130	
2021/22-1	Lab	LCS, RPD	11/7/2021	Pesticide	Glyphosate	n/a	=	2	%	EPA 547	-88	-88	0	30	
2021/22-1	MO-SPA	matrix spike	11/7/2021	Pesticide	Glyphosate	n/a	<	120	µg/L	EPA 547	2.1	5			
2021/22-1	MO-SPA	matrix spike, rec	11/7/2021	Pesticide	Glyphosate	n/a	=	103	%	EPA 547	-88	-88	70	130	
2021/22-1	MO-SPA	matrix spike dup	11/7/2021	Pesticide	Glyphosate	n/a	<	120	µg/L	EPA 547	2.1	5			
2021/22-1	MO-SPA	matrix spike dup, rec	11/7/2021	Pesticide	Glyphosate	n/a	=	95	%	EPA 547	-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	
2021/22-1	MO-SPA	matrix spike, RPD	11/7/2021	Pesticide	Glyphosate	n/a	=	7	%	EPA 547	-88	-88	0	30	
2021/22-1	000NONPJ	matrix spike	12/6/2021	Pesticide	Heptachlor	n/a	=	0.086	µg/L	EPA 608.3	0.003	0.05			
2021/22-1	000NONPJ	matrix spike, rec	12/6/2021	Pesticide	Heptachlor	n/a	=	81	%	EPA 608.3	-88	-88	34	140	
2021/22-1	000NONPJ	matrix spike dup	12/6/2021	Pesticide	Heptachlor	n/a	=	0.0937	µg/L	EPA 608.3	0.003	0.05			
2021/22-1	000NONPJ	matrix spike dup, rec	12/6/2021	Pesticide	Heptachlor	n/a	=	89	%	EPA 608.3	-88	-88	34	140	
2021/22-1	000NONPJ	matrix spike, RPD	12/6/2021	Pesticide	Heptachlor	n/a	=	9	%	EPA 608.3	-88	-88	0	30	
2021/22-1	Lab	method blank	12/6/2021	Pesticide	Heptachlor	n/a	<	0.0006	µg/L	EPA 608.3	0.0006	0.01			
2021/22-1	Lab	LCS	12/6/2021	Pesticide	Heptachlor	n/a	=	0.108	µg/L	EPA 608.3	0.0006	0.01			
2021/22-1	Lab	LCS, rec	12/6/2021	Pesticide	Heptachlor	n/a	=	108	%	EPA 608.3	-88	-88	43	130	
2021/22-1	Lab	method blank	12/10/2021	Pesticide	Heptachlor	n/a	<	0.0006	µg/L	EPA 608.3	0.0006	0.01			
2021/22-1	Lab	LCS	12/10/2021	Pesticide	Heptachlor	n/a	=	0.0882	µg/L	EPA 608.3	0.0006	0.01			
2021/22-1	Lab	LCS, rec	12/10/2021	Pesticide	Heptachlor	n/a	=	88	%	EPA 608.3	-88	-88	43	130	
2021/22-1	Lab	LCS dup	12/10/2021	Pesticide	Heptachlor	n/a	=	0.0976	µg/L	EPA 608.3	0.0006	0.01			
2021/22-1	Lab	LCS dup, rec	12/10/2021	Pesticide	Heptachlor	n/a	=	98	%	EPA 608.3	-88	-88	43	130	
2021/22-1	Lab	LCS, RPD	12/10/2021	Pesticide	Heptachlor	n/a	=	10	%	EPA 608.3	-88	-88	0	30	
2021/22-1	000NONPJ	matrix spike	12/6/2021	Pesticide	Heptachlor epoxide	n/a	=	0.0819	µg/L	EPA 608.3	0.002	0.05			
2021/22-1	000NONPJ	matrix spike, rec	12/6/2021	Pesticide	Heptachlor epoxide	n/a	=	82	%	EPA 608.3	-88	-88	37	142	
2021/22-1	000NONPJ	matrix spike dup	12/6/2021	Pesticide	Heptachlor epoxide	n/a	=	0.0862	µg/L	EPA 608.3	0.002	0.05			
2021/22-1	000NONPJ	matrix spike dup, rec	12/6/2021	Pesticide	Heptachlor epoxide	n/a	=	86	%	EPA 608.3	-88	-88	37	142	
2021/22-1	000NONPJ	matrix spike, RPD	12/6/2021	Pesticide	Heptachlor epoxide	n/a	=	5	%	EPA 608.3	-88	-88	0	30	
2021/22-1	Lab	method blank	12/6/2021	Pesticide	Heptachlor epoxide	n/a	<	0.0004	µg/L	EPA 608.3	0.0004	0.01			
2021/22-1	Lab	LCS	12/6/2021	Pesticide	Heptachlor epoxide	n/a	=	0.102	µg/L	EPA 608.3	0.0004	0.01			
2021/22-1	Lab	LCS, rec	12/6/2021	Pesticide	Heptachlor epoxide	n/a	=	102	%	EPA 608.3	-88	-88	57	132	
2021/22-1	Lab	method blank	12/10/2021	Pesticide	Heptachlor epoxide	n/a	<	0.0004	µg/L	EPA 608.3	0.0004	0.01			
2021/22-1	Lab	LCS	12/10/2021	Pesticide	Heptachlor epoxide	n/a	=	0.0867	µg/L	EPA 608.3	0.0004	0.01			
2021/22-1	Lab	LCS, rec	12/10/2021	Pesticide	Heptachlor epoxide	n/a	=	87	%	EPA 608.3	-88	-88	57	132	
2021/22-1	Lab	LCS dup	12/10/2021	Pesticide	Heptachlor epoxide	n/a	=	0.0909	µg/L	EPA 608.3	0.0004	0.01			
2021/22-1	Lab	LCS dup, rec	12/10/2021	Pesticide	Heptachlor epoxide	n/a	=	91	%	EPA 608.3	-88	-88	57	132	
2021/22-1	Lab	LCS, RPD	12/10/2021	Pesticide	Heptachlor epoxide	n/a	=	5	%	EPA 608.3	-88	-88	0	30	
2021/22-1	Lab	LCS	11/5/2021	Pesticide	Malathion	n/a	=	0.0597	µg/L	EPA 625.1m	0.0076	0.01			
2021/22-1	Lab	LCS, rec	11/5/2021	Pesticide	Malathion	n/a	=	119	%	EPA 625.1m	-88	-88	59	150	
2021/22-1	Lab	method blank	11/5/2021	Pesticide	Malathion	n/a	<	0.0076	µg/L	EPA 625.1m	0.0076	0.01			
2021/22-1	Lab	LCS	11/12/2021	Pesticide	Malathion	n/a	=	0.0649	µg/L	EPA 625.1m	0.0076	0.01			
2021/22-1	Lab	LCS, rec	11/12/2021	Pesticide	Malathion	n/a	=	130	%	EPA 625.1m	-88	-88	59	200	
2021/22-1	Lab	method blank	11/12/2021	Pesticide	Malathion	n/a	<	0.0076	µg/L	EPA 625.1m	0.0076	0.01			
2021/22-1	ME-CC	matrix spike	11/5/2021	Pesticide	Malathion	n/a	*	3.75	µg/L	EPA 625.1m	0.038	0.05			EST,GB
2021/22-1	ME-CC	matrix spike, rec	11/5/2021	Pesticide	Malathion	n/a	*	28	%	EPA 625.1m	-88	-88	50	150	EST,GB
2021/22-1	ME-CC	matrix spike dup	11/5/2021	Pesticide	Malathion	n/a	*	3.67	µg/L	EPA 625.1m	0.038	0.05			EST,GB
2021/22-1	ME-CC	matrix spike dup, rec	11/5/2021	Pesticide	Malathion	n/a	*	-7	%	EPA 625.1m	-88	-88	50	150	EST,GB
2021/22-1	ME-CC	matrix spike, RPD	11/5/2021	Pesticide	Malathion	n/a	*	2	%	EPA 625.1m	-88	-88	0	25	EST,GB
2021/22-1	MO-OJA	matrix spike	11/12/2021	Pesticide	Malathion	n/a	=	0.337	µg/L	EPA 625.1m	0.038	0.05			
2021/22-1	MO-OJA	matrix spike, rec	11/12/2021	Pesticide	Malathion	n/a	=	135	%	EPA 625.1m	-88	-88	15	161	
2021/22-1	MO-OJA	matrix spike dup	11/12/2021	Pesticide	Malathion	n/a	=	0.313	µg/L	EPA 625.1m	0.038	0.05			
2021/22-1	MO-OJA	matrix spike dup, rec	11/12/2021	Pesticide	Malathion	n/a	=	125	%	EPA 625.1m	-88	-88	15	161	
2021/22-1	MO-OJA	matrix spike, RPD	11/12/2021	Pesticide	Malathion	n/a	=	7	%	EPA 625.1m	-88	-88	0	30	
2021/22-1	Lab	LCS	11/5/2021	Pesticide	Merphos	n/a	=	0.0264	µg/L	EPA 625.1m	0.0058	0.01			
2021/22-1	Lab	LCS, rec	11/5/2021	Pesticide	Merphos	n/a	=	53	%	EPA 625.1m	-88	-88	32	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	
2021/22-1	Lab	method blank	11/5/2021	Pesticide	Merphos	n/a	<	0.0058	µg/L	EPA 625.1m	0.0058	0.01			
2021/22-1	Lab	method blank	11/12/2021	Pesticide	Merphos	n/a	<	0.0058	µg/L	EPA 625.1m	0.0058	0.01			
2021/22-1	ME-CC	matrix spike	11/5/2021	Pesticide	Merphos	n/a	=	0.155	µg/L	EPA 625.1m	0.029	0.05			
2021/22-1	ME-CC	matrix spike, rec	11/5/2021	Pesticide	Merphos	n/a	=	62	%	EPA 625.1m	-88	-88	4	191	
2021/22-1	ME-CC	matrix spike dup	11/5/2021	Pesticide	Merphos	n/a	=	0.17	µg/L	EPA 625.1m	0.029	0.05			
2021/22-1	ME-CC	matrix spike dup, rec	11/5/2021	Pesticide	Merphos	n/a	=	68	%	EPA 625.1m	-88	-88	4	191	
2021/22-1	ME-CC	matrix spike, RPD	11/5/2021	Pesticide	Merphos	n/a	=	9	%	EPA 625.1m	-88	-88	0	30	
2021/22-1	Lab	method blank	12/10/2021	Pesticide	Methoxychlor	n/a	<	0.0014	µg/L	EPA 608.3	0.0014	0.02			
2021/22-1	Lab	LCS	11/5/2021	Pesticide	Methyl parathion	n/a	=	0.0508	µg/L	EPA 625.1m	0.0063	0.01			
2021/22-1	Lab	LCS, rec	11/5/2021	Pesticide	Methyl parathion	n/a	=	102	%	EPA 625.1m	-88	-88	64	154	
2021/22-1	Lab	method blank	11/5/2021	Pesticide	Methyl parathion	n/a	<	0.0063	µg/L	EPA 625.1m	0.0063	0.01			
2021/22-1	Lab	LCS	11/12/2021	Pesticide	Methyl parathion	n/a	=	0.0528	µg/L	EPA 625.1m	0.0063	0.01			
2021/22-1	Lab	LCS, rec	11/12/2021	Pesticide	Methyl parathion	n/a	=	106	%	EPA 625.1m	-88	-88	64	154	
2021/22-1	Lab	method blank	11/12/2021	Pesticide	Methyl parathion	n/a	<	0.0063	µg/L	EPA 625.1m	0.0063	0.01			
2021/22-1	ME-CC	matrix spike	11/5/2021	Pesticide	Methyl parathion	n/a	=	0.28	µg/L	EPA 625.1m	0.032	0.05			
2021/22-1	ME-CC	matrix spike, rec	11/5/2021	Pesticide	Methyl parathion	n/a	=	112	%	EPA 625.1m	-88	-88	10	213	
2021/22-1	ME-CC	matrix spike dup	11/5/2021	Pesticide	Methyl parathion	n/a	=	0.325	µg/L	EPA 625.1m	0.032	0.05			
2021/22-1	ME-CC	matrix spike dup, rec	11/5/2021	Pesticide	Methyl parathion	n/a	=	130	%	EPA 625.1m	-88	-88	10	213	
2021/22-1	ME-CC	matrix spike, RPD	11/5/2021	Pesticide	Methyl parathion	n/a	=	15	%	EPA 625.1m	-88	-88	0	30	
2021/22-1	MO-OJA	matrix spike	11/12/2021	Pesticide	Methyl parathion	n/a	=	0.291	µg/L	EPA 625.1m	0.032	0.05			
2021/22-1	MO-OJA	matrix spike, rec	11/12/2021	Pesticide	Methyl parathion	n/a	=	116	%	EPA 625.1m	-88	-88	10	213	
2021/22-1	MO-OJA	matrix spike dup	11/12/2021	Pesticide	Methyl parathion	n/a	=	0.237	µg/L	EPA 625.1m	0.032	0.05			
2021/22-1	MO-OJA	matrix spike dup, rec	11/12/2021	Pesticide	Methyl parathion	n/a	=	95	%	EPA 625.1m	-88	-88	10	213	
2021/22-1	MO-OJA	matrix spike, RPD	11/12/2021	Pesticide	Methyl parathion	n/a	=	21	%	EPA 625.1m	-88	-88	0	30	
2021/22-1	Lab	method blank	11/9/2021	Pesticide	Metolachlor	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1			
2021/22-1	Lab	LCS dup	11/9/2021	Pesticide	Metolachlor	n/a	=	6.22	µg/L	EPA 525.2	0.03	0.1			
2021/22-1	Lab	LCS dup, rec	11/9/2021	Pesticide	Metolachlor	n/a	=	124	%	EPA 525.2	-88	-88	60	130	
2021/22-1	Lab	LCS, RPD	11/9/2021	Pesticide	Metolachlor	n/a	=	2	%	EPA 525.2	-88	-88	0	30	
2021/22-1	Lab	LCS	11/9/2021	Pesticide	Metolachlor	n/a	=	6.33	µg/L	EPA 525.2	0.03	0.1			
2021/22-1	Lab	LCS, rec	11/9/2021	Pesticide	Metolachlor	n/a	=	127	%	EPA 525.2	-88	-88	60	130	
2021/22-1	Lab	method blank	11/15/2021	Pesticide	Metolachlor	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1			
2021/22-1	Lab	LCS	11/15/2021	Pesticide	Metolachlor	n/a	=	6.03	µg/L	EPA 525.2	0.03	0.1			
2021/22-1	Lab	LCS, rec	11/15/2021	Pesticide	Metolachlor	n/a	=	121	%	EPA 525.2	-88	-88	60	130	
2021/22-1	Lab	LCS dup	11/15/2021	Pesticide	Metolachlor	n/a	=	6.04	µg/L	EPA 525.2	0.03	0.1			
2021/22-1	Lab	LCS dup, rec	11/15/2021	Pesticide	Metolachlor	n/a	=	121	%	EPA 525.2	-88	-88	60	130	
2021/22-1	Lab	LCS, RPD	11/15/2021	Pesticide	Metolachlor	n/a	=	0.2	%	EPA 525.2	-88	-88	0	30	
2021/22-1	Lab	method blank	11/18/2021	Pesticide	Metolachlor	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1			
2021/22-1	Lab	LCS dup	11/18/2021	Pesticide	Metolachlor	n/a	=	6.38	µg/L	EPA 525.2	0.03	0.1			
2021/22-1	Lab	LCS dup, rec	11/18/2021	Pesticide	Metolachlor	n/a	=	128	%	EPA 525.2	-88	-88	60	130	
2021/22-1	Lab	LCS, RPD	11/18/2021	Pesticide	Metolachlor	n/a	=	3	%	EPA 525.2	-88	-88	0	30	
2021/22-1	Lab	LCS	11/18/2021	Pesticide	Metolachlor	n/a	=	6.6	µg/L	EPA 525.2	0.03	0.1			EUM
2021/22-1	Lab	LCS, rec	11/18/2021	Pesticide	Metolachlor	n/a	=	132	%	EPA 525.2	-88	-88	60	130	EUM
2021/22-1	Lab	method blank	11/9/2021	Pesticide	Metribuzin	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1			
2021/22-1	Lab	LCS dup	11/9/2021	Pesticide	Metribuzin	n/a	=	5.77	µg/L	EPA 525.2	0.03	0.1			
2021/22-1	Lab	LCS dup, rec	11/9/2021	Pesticide	Metribuzin	n/a	=	115	%	EPA 525.2	-88	-88	50	120	
2021/22-1	Lab	LCS, RPD	11/9/2021	Pesticide	Metribuzin	n/a	=	1	%	EPA 525.2	-88	-88	0	30	
2021/22-1	Lab	LCS	11/9/2021	Pesticide	Metribuzin	n/a	=	5.85	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	
2021/22-1	Lab	LCS, rec	11/9/2021	Pesticide	Metribuzin	n/a	=	117	%	EPA 525.2	-88	-88	50	120	
2021/22-1	Lab	method blank	11/15/2021	Pesticide	Metribuzin	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1			
2021/22-1	Lab	LCS	11/15/2021	Pesticide	Metribuzin	n/a	=	6.09	µg/L	EPA 525.2	0.03	0.1			EUM
2021/22-1	Lab	LCS, rec	11/15/2021	Pesticide	Metribuzin	n/a	=	122	%	EPA 525.2	-88	-88	50	120	EUM
2021/22-1	Lab	LCS dup	11/15/2021	Pesticide	Metribuzin	n/a	=	6.2	µg/L	EPA 525.2	0.03	0.1			EUM
2021/22-1	Lab	LCS dup, rec	11/15/2021	Pesticide	Metribuzin	n/a	=	124	%	EPA 525.2	-88	-88	50	120	EUM
2021/22-1	Lab	LCS, RPD	11/15/2021	Pesticide	Metribuzin	n/a	=	2	%	EPA 525.2	-88	-88	0	30	EUM
2021/22-1	Lab	method blank	11/18/2021	Pesticide	Metribuzin	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1			
2021/22-1	Lab	LCS dup	11/18/2021	Pesticide	Metribuzin	n/a	=	5.53	µg/L	EPA 525.2	0.03	0.1			
2021/22-1	Lab	LCS dup, rec	11/18/2021	Pesticide	Metribuzin	n/a	=	111	%	EPA 525.2	-88	-88	50	120	
2021/22-1	Lab	LCS, RPD	11/18/2021	Pesticide	Metribuzin	n/a	=	9	%	EPA 525.2	-88	-88	0	30	
2021/22-1	Lab	LCS	11/18/2021	Pesticide	Metribuzin	n/a	=	5.05	µg/L	EPA 525.2	0.03	0.1			
2021/22-1	Lab	LCS, rec	11/18/2021	Pesticide	Metribuzin	n/a	=	101	%	EPA 525.2	-88	-88	50	120	
2021/22-1	Lab	LCS	11/5/2021	Pesticide	Mevinphos	n/a	=	0.032	µg/L	EPA 625.1m	0.0042	0.01			
2021/22-1	Lab	LCS, rec	11/5/2021	Pesticide	Mevinphos	n/a	=	64	%	EPA 625.1m	-88	-88	26	177	
2021/22-1	Lab	method blank	11/5/2021	Pesticide	Mevinphos	n/a	<	0.0042	µg/L	EPA 625.1m	0.0042	0.01			
2021/22-1	Lab	LCS	11/12/2021	Pesticide	Mevinphos	n/a	=	0.0352	µg/L	EPA 625.1m	0.0042	0.01			
2021/22-1	Lab	LCS, rec	11/12/2021	Pesticide	Mevinphos	n/a	=	70	%	EPA 625.1m	-88	-88	26	177	
2021/22-1	Lab	method blank	11/12/2021	Pesticide	Mevinphos	n/a	<	0.0042	µg/L	EPA 625.1m	0.0042	0.01			
2021/22-1	ME-CC	matrix spike	11/5/2021	Pesticide	Mevinphos	n/a	=	0.183	µg/L	EPA 625.1m	0.021	0.05			
2021/22-1	ME-CC	matrix spike, rec	11/5/2021	Pesticide	Mevinphos	n/a	=	73	%	EPA 625.1m	-88	-88	0.1	204	
2021/22-1	ME-CC	matrix spike dup	11/5/2021	Pesticide	Mevinphos	n/a	=	0.19	µg/L	EPA 625.1m	0.021	0.05			
2021/22-1	ME-CC	matrix spike dup, rec	11/5/2021	Pesticide	Mevinphos	n/a	=	76	%	EPA 625.1m	-88	-88	0.1	204	
2021/22-1	ME-CC	matrix spike, RPD	11/5/2021	Pesticide	Mevinphos	n/a	=	4	%	EPA 625.1m	-88	-88	0	30	
2021/22-1	MO-OJA	matrix spike	11/12/2021	Pesticide	Mevinphos	n/a	=	0.264	µg/L	EPA 625.1m	0.021	0.05			
2021/22-1	MO-OJA	matrix spike, rec	11/12/2021	Pesticide	Mevinphos	n/a	=	106	%	EPA 625.1m	-88	-88	0.1	204	
2021/22-1	MO-OJA	matrix spike dup	11/12/2021	Pesticide	Mevinphos	n/a	=	0.233	µg/L	EPA 625.1m	0.021	0.05			
2021/22-1	MO-OJA	matrix spike dup, rec	11/12/2021	Pesticide	Mevinphos	n/a	=	93	%	EPA 625.1m	-88	-88	0.1	204	
2021/22-1	MO-OJA	matrix spike, RPD	11/12/2021	Pesticide	Mevinphos	n/a	=	12	%	EPA 625.1m	-88	-88	0	30	
2021/22-1	Lab	method blank	12/10/2021	Pesticide	Mirex	n/a	<	0.0012	µg/L	EPA 608.3	0.0012	0.01			
2021/22-1	Lab	method blank	11/9/2021	Pesticide	Molinate	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1			
2021/22-1	Lab	LCS dup	11/9/2021	Pesticide	Molinate	n/a	=	5.82	µg/L	EPA 525.2	0.03	0.1			
2021/22-1	Lab	LCS dup, rec	11/9/2021	Pesticide	Molinate	n/a	=	116	%	EPA 525.2	-88	-88	70	130	
2021/22-1	Lab	LCS, RPD	11/9/2021	Pesticide	Molinate	n/a	=	2	%	EPA 525.2	-88	-88	0	30	
2021/22-1	Lab	LCS	11/9/2021	Pesticide	Molinate	n/a	=	5.92	µg/L	EPA 525.2	0.03	0.1			
2021/22-1	Lab	LCS, rec	11/9/2021	Pesticide	Molinate	n/a	=	118	%	EPA 525.2	-88	-88	70	130	
2021/22-1	Lab	method blank	11/15/2021	Pesticide	Molinate	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1			
2021/22-1	Lab	LCS	11/15/2021	Pesticide	Molinate	n/a	=	6.18	µg/L	EPA 525.2	0.03	0.1			
2021/22-1	Lab	LCS, rec	11/15/2021	Pesticide	Molinate	n/a	=	124	%	EPA 525.2	-88	-88	70	130	
2021/22-1	Lab	LCS dup	11/15/2021	Pesticide	Molinate	n/a	=	6.44	µg/L	EPA 525.2	0.03	0.1			
2021/22-1	Lab	LCS dup, rec	11/15/2021	Pesticide	Molinate	n/a	=	129	%	EPA 525.2	-88	-88	70	130	
2021/22-1	Lab	LCS, RPD	11/15/2021	Pesticide	Molinate	n/a	=	4	%	EPA 525.2	-88	-88	0	30	
2021/22-1	Lab	method blank	11/18/2021	Pesticide	Molinate	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1			
2021/22-1	Lab	LCS dup	11/18/2021	Pesticide	Molinate	n/a	=	6.09	µg/L	EPA 525.2	0.03	0.1			
2021/22-1	Lab	LCS dup, rec	11/18/2021	Pesticide	Molinate	n/a	=	122	%	EPA 525.2	-88	-88	70	130	
2021/22-1	Lab	LCS, RPD	11/18/2021	Pesticide	Molinate	n/a	=	1	%	EPA 525.2	-88	-88	0	30	
2021/22-1	Lab	LCS	11/18/2021	Pesticide	Molinate	n/a	=	6.15	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	
2021/22-1	Lab	LCS, rec	11/18/2021	Pesticide	Molinate	n/a	=	123	%	EPA 525.2	-88	-88	70	130	
2021/22-1	Lab	LCS	11/5/2021	Pesticide	Naled	n/a	=	0.0273	µg/L	EPA 625.1m	0.0076	0.01			
2021/22-1	Lab	LCS, rec	11/5/2021	Pesticide	Naled	n/a	=	55	%	EPA 625.1m	-88	-88	10	200	
2021/22-1	Lab	method blank	11/5/2021	Pesticide	Naled	n/a	<	0.0076	µg/L	EPA 625.1m	0.0076	0.01			
2021/22-1	Lab	LCS	11/12/2021	Pesticide	Naled	n/a	=	0.0854	µg/L	EPA 625.1m	0.0076	0.01			
2021/22-1	Lab	LCS, rec	11/12/2021	Pesticide	Naled	n/a	=	171	%	EPA 625.1m	-88	-88	10	200	
2021/22-1	Lab	method blank	11/12/2021	Pesticide	Naled	n/a	<	0.0076	µg/L	EPA 625.1m	0.0076	0.01			
2021/22-1	ME-CC	matrix spike	11/5/2021	Pesticide	Naled	n/a	=	0.155	µg/L	EPA 625.1m	0.038	0.05			
2021/22-1	ME-CC	matrix spike, rec	11/5/2021	Pesticide	Naled	n/a	=	62	%	EPA 625.1m	-88	-88	0.1	206	
2021/22-1	ME-CC	matrix spike dup	11/5/2021	Pesticide	Naled	n/a	=	0.173	µg/L	EPA 625.1m	0.038	0.05			
2021/22-1	ME-CC	matrix spike dup, rec	11/5/2021	Pesticide	Naled	n/a	=	69	%	EPA 625.1m	-88	-88	0.1	206	
2021/22-1	ME-CC	matrix spike, RPD	11/5/2021	Pesticide	Naled	n/a	=	11	%	EPA 625.1m	-88	-88	0	30	
2021/22-1	MO-OJA	matrix spike	11/12/2021	Pesticide	Naled	n/a	=	0.552	µg/L	EPA 625.1m	0.038	0.05			GB
2021/22-1	MO-OJA	matrix spike, rec	11/12/2021	Pesticide	Naled	n/a	=	221	%	EPA 625.1m	-88	-88	0.1	206	GB
2021/22-1	MO-OJA	matrix spike dup	11/12/2021	Pesticide	Naled	n/a	=	0.469	µg/L	EPA 625.1m	0.038	0.05			
2021/22-1	MO-OJA	matrix spike dup, rec	11/12/2021	Pesticide	Naled	n/a	=	188	%	EPA 625.1m	-88	-88	0.1	206	
2021/22-1	MO-OJA	matrix spike, RPD	11/12/2021	Pesticide	Naled	n/a	=	16	%	EPA 625.1m	-88	-88	0	30	
2021/22-1	Lab	method blank	11/7/2021	Pesticide	Pentachlorophenol	n/a	<	0.046	µg/L	EPA 515.4	0.046	0.2			
2021/22-1	Lab	LCS	11/7/2021	Pesticide	Pentachlorophenol	n/a	=	3.89	µg/L	EPA 515.4	0.046	0.2			
2021/22-1	Lab	LCS, rec	11/7/2021	Pesticide	Pentachlorophenol	n/a	=	97	%	EPA 515.4	-88	-88	70	130	
2021/22-1	Lab	method blank	11/19/2021	Pesticide	Pentachlorophenol	n/a	<	0.15	µg/L	EPA 8270C	0.15	1			
2021/22-1	Lab	LCS	11/19/2021	Pesticide	Pentachlorophenol	n/a	=	13.7	µg/L	EPA 8270C	0.15	1			
2021/22-1	Lab	LCS, rec	11/19/2021	Pesticide	Pentachlorophenol	n/a	=	69	%	EPA 8270C	-88	-88	29	106	
2021/22-1	Lab	LCS dup	11/19/2021	Pesticide	Pentachlorophenol	n/a	=	9.77	µg/L	EPA 8270C	0.15	1			IL
2021/22-1	Lab	LCS dup, rec	11/19/2021	Pesticide	Pentachlorophenol	n/a	=	49	%	EPA 8270C	-88	-88	29	106	IL
2021/22-1	Lab	LCS, RPD	11/19/2021	Pesticide	Pentachlorophenol	n/a	=	34	%	EPA 8270C	-88	-88	0	30	IL
2021/22-1	Lab	LCS	11/22/2021	Pesticide	Pentachlorophenol	n/a	=	15.5	µg/L	EPA 625.1	0.4	1			
2021/22-1	Lab	LCS, rec	11/22/2021	Pesticide	Pentachlorophenol	n/a	=	77	%	EPA 625.1	-88	-88	41	120	
2021/22-1	Lab	LCS dup	11/22/2021	Pesticide	Pentachlorophenol	n/a	=	13.3	µg/L	EPA 625.1	0.4	1			
2021/22-1	Lab	LCS dup, rec	11/22/2021	Pesticide	Pentachlorophenol	n/a	=	67	%	EPA 625.1	-88	-88	41	120	
2021/22-1	Lab	LCS, RPD	11/22/2021	Pesticide	Pentachlorophenol	n/a	=	15	%	EPA 625.1	-88	-88	0	30	
2021/22-1	Lab	method blank	11/22/2021	Pesticide	Pentachlorophenol	n/a	<	0.4	µg/L	EPA 625.1	0.4	1			
2021/22-1	ME-CC	matrix spike	11/7/2021	Pesticide	Pentachlorophenol	n/a	=	4.25	µg/L	EPA 515.4	0.046	0.2			
2021/22-1	ME-CC	matrix spike, rec	11/7/2021	Pesticide	Pentachlorophenol	n/a	=	98	%	EPA 515.4	-88	-88	70	130	
2021/22-1	ME-CC	matrix spike dup	11/7/2021	Pesticide	Pentachlorophenol	n/a	=	4.24	µg/L	EPA 515.4	0.046	0.2			
2021/22-1	ME-CC	matrix spike dup, rec	11/7/2021	Pesticide	Pentachlorophenol	n/a	=	98	%	EPA 515.4	-88	-88	70	130	
2021/22-1	ME-CC	matrix spike, RPD	11/7/2021	Pesticide	Pentachlorophenol	n/a	=	0.1	%	EPA 515.4	-88	-88	0	30	
2021/22-1	Lab	LCS	11/5/2021	Pesticide	Phorate	n/a	=	0.0449	µg/L	EPA 625.1m	0.003	0.01			
2021/22-1	Lab	LCS, rec	11/5/2021	Pesticide	Phorate	n/a	=	90	%	EPA 625.1m	-88	-88	61	135	
2021/22-1	Lab	method blank	11/5/2021	Pesticide	Phorate	n/a	<	0.003	µg/L	EPA 625.1m	0.003	0.01			
2021/22-1	Lab	LCS	11/12/2021	Pesticide	Phorate	n/a	=	0.0443	µg/L	EPA 625.1m	0.003	0.01			
2021/22-1	Lab	LCS, rec	11/12/2021	Pesticide	Phorate	n/a	=	89	%	EPA 625.1m	-88	-88	61	135	
2021/22-1	Lab	method blank	11/12/2021	Pesticide	Phorate	n/a	<	0.003	µg/L	EPA 625.1m	0.003	0.01			
2021/22-1	ME-CC	matrix spike	11/5/2021	Pesticide	Phorate	n/a	=	0.242	µg/L	EPA 625.1m	0.015	0.05			
2021/22-1	ME-CC	matrix spike, rec	11/5/2021	Pesticide	Phorate	n/a	=	97	%	EPA 625.1m	-88	-88	33	172	
2021/22-1	ME-CC	matrix spike dup	11/5/2021	Pesticide	Phorate	n/a	=	0.291	µg/L	EPA 625.1m	0.015	0.05			
2021/22-1	ME-CC	matrix spike dup, rec	11/5/2021	Pesticide	Phorate	n/a	=	116	%	EPA 625.1m	-88	-88	33	172	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2021/22-1	ME-CC	matrix spike, RPD	11/5/2021	Pesticide	Phorate	n/a	=	18	%	EPA 625.1m	-88	-88	0	30	
2021/22-1	MO-OJA	matrix spike	11/12/2021	Pesticide	Phorate	n/a	=	0.256	µg/L	EPA 625.1m	0.015	0.05			
2021/22-1	MO-OJA	matrix spike, rec	11/12/2021	Pesticide	Phorate	n/a	=	103	%	EPA 625.1m	-88	-88	33	172	
2021/22-1	MO-OJA	matrix spike dup	11/12/2021	Pesticide	Phorate	n/a	=	0.209	µg/L	EPA 625.1m	0.015	0.05			
2021/22-1	MO-OJA	matrix spike dup, rec	11/12/2021	Pesticide	Phorate	n/a	=	84	%	EPA 625.1m	-88	-88	33	172	
2021/22-1	MO-OJA	matrix spike, RPD	11/12/2021	Pesticide	Phorate	n/a	=	20	%	EPA 625.1m	-88	-88	0	30	
2021/22-1	Lab	method blank	11/7/2021	Pesticide	Picloram	n/a	<	0.05	µg/L	EPA 515.4	0.05	0.6			
2021/22-1	Lab	LCS	11/7/2021	Pesticide	Picloram	n/a	=	3.65	µg/L	EPA 515.4	0.05	0.6			
2021/22-1	Lab	LCS, rec	11/7/2021	Pesticide	Picloram	n/a	=	91	%	EPA 515.4	-88	-88	70	130	
2021/22-1	ME-CC	matrix spike	11/7/2021	Pesticide	Picloram	n/a	=	4.23	µg/L	EPA 515.4	0.05	0.6			
2021/22-1	ME-CC	matrix spike, rec	11/7/2021	Pesticide	Picloram	n/a	=	106	%	EPA 515.4	-88	-88	70	130	
2021/22-1	ME-CC	matrix spike dup	11/7/2021	Pesticide	Picloram	n/a	=	4.74	µg/L	EPA 515.4	0.05	0.6			
2021/22-1	ME-CC	matrix spike dup, rec	11/7/2021	Pesticide	Picloram	n/a	=	119	%	EPA 515.4	-88	-88	70	130	
2021/22-1	ME-CC	matrix spike, RPD	11/7/2021	Pesticide	Picloram	n/a	=	12	%	EPA 515.4	-88	-88	0	30	
2021/22-1	Lab	method blank	11/9/2021	Pesticide	Prometryn	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1			
2021/22-1	Lab	LCS dup	11/9/2021	Pesticide	Prometryn	n/a	=	4.93	µg/L	EPA 525.2	0.03	0.1			
2021/22-1	Lab	LCS dup, rec	11/9/2021	Pesticide	Prometryn	n/a	=	99	%	EPA 525.2	-88	-88	30	120	
2021/22-1	Lab	LCS, RPD	11/9/2021	Pesticide	Prometryn	n/a	=	11	%	EPA 525.2	-88	-88	0	30	
2021/22-1	Lab	LCS	11/9/2021	Pesticide	Prometryn	n/a	=	5.51	µg/L	EPA 525.2	0.03	0.1			
2021/22-1	Lab	LCS, rec	11/9/2021	Pesticide	Prometryn	n/a	=	110	%	EPA 525.2	-88	-88	30	120	
2021/22-1	Lab	method blank	11/15/2021	Pesticide	Prometryn	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1			
2021/22-1	Lab	LCS	11/15/2021	Pesticide	Prometryn	n/a	=	4.52	µg/L	EPA 525.2	0.03	0.1			
2021/22-1	Lab	LCS, rec	11/15/2021	Pesticide	Prometryn	n/a	=	90	%	EPA 525.2	-88	-88	30	120	
2021/22-1	Lab	LCS dup	11/15/2021	Pesticide	Prometryn	n/a	=	4.75	µg/L	EPA 525.2	0.03	0.1			
2021/22-1	Lab	LCS dup, rec	11/15/2021	Pesticide	Prometryn	n/a	=	95	%	EPA 525.2	-88	-88	30	120	
2021/22-1	Lab	LCS, RPD	11/15/2021	Pesticide	Prometryn	n/a	=	5	%	EPA 525.2	-88	-88	0	30	
2021/22-1	Lab	method blank	11/18/2021	Pesticide	Prometryn	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1			
2021/22-1	Lab	LCS dup	11/18/2021	Pesticide	Prometryn	n/a	=	4.84	µg/L	EPA 525.2	0.03	0.1			
2021/22-1	Lab	LCS dup, rec	11/18/2021	Pesticide	Prometryn	n/a	=	97	%	EPA 525.2	-88	-88	30	120	
2021/22-1	Lab	LCS, RPD	11/18/2021	Pesticide	Prometryn	n/a	=	11	%	EPA 525.2	-88	-88	0	30	
2021/22-1	Lab	LCS	11/18/2021	Pesticide	Prometryn	n/a	=	5.4	µg/L	EPA 525.2	0.03	0.1			
2021/22-1	Lab	LCS, rec	11/18/2021	Pesticide	Prometryn	n/a	=	108	%	EPA 525.2	-88	-88	30	120	
2021/22-1	Lab	LCS	11/5/2021	Pesticide	Ronnel (Fenclorphos)	n/a	=	0.0454	µg/L	EPA 625.1m	0.0041	0.01			
2021/22-1	Lab	LCS, rec	11/5/2021	Pesticide	Ronnel (Fenclorphos)	n/a	=	91	%	EPA 625.1m	-88	-88	63	129	
2021/22-1	Lab	method blank	11/5/2021	Pesticide	Ronnel (Fenclorphos)	n/a	<	0.0041	µg/L	EPA 625.1m	0.0041	0.01			
2021/22-1	Lab	LCS	11/12/2021	Pesticide	Ronnel (Fenclorphos)	n/a	=	0.0493	µg/L	EPA 625.1m	0.0041	0.01			
2021/22-1	Lab	LCS, rec	11/12/2021	Pesticide	Ronnel (Fenclorphos)	n/a	=	99	%	EPA 625.1m	-88	-88	63	129	
2021/22-1	Lab	method blank	11/12/2021	Pesticide	Ronnel (Fenclorphos)	n/a	<	0.0041	µg/L	EPA 625.1m	0.0041	0.01			
2021/22-1	ME-CC	matrix spike	11/5/2021	Pesticide	Ronnel (Fenclorphos)	n/a	=	0.24	µg/L	EPA 625.1m	0.02	0.05			
2021/22-1	ME-CC	matrix spike, rec	11/5/2021	Pesticide	Ronnel (Fenclorphos)	n/a	=	96	%	EPA 625.1m	-88	-88	36	145	
2021/22-1	ME-CC	matrix spike dup	11/5/2021	Pesticide	Ronnel (Fenclorphos)	n/a	=	0.277	µg/L	EPA 625.1m	0.02	0.05			
2021/22-1	ME-CC	matrix spike dup, rec	11/5/2021	Pesticide	Ronnel (Fenclorphos)	n/a	=	111	%	EPA 625.1m	-88	-88	36	145	
2021/22-1	ME-CC	matrix spike, RPD	11/5/2021	Pesticide	Ronnel (Fenclorphos)	n/a	=	14	%	EPA 625.1m	-88	-88	0	30	
2021/22-1	MO-OJA	matrix spike	11/12/2021	Pesticide	Ronnel (Fenclorphos)	n/a	=	0.249	µg/L	EPA 625.1m	0.02	0.05			
2021/22-1	MO-OJA	matrix spike, rec	11/12/2021	Pesticide	Ronnel (Fenclorphos)	n/a	=	100	%	EPA 625.1m	-88	-88	36	145	
2021/22-1	MO-OJA	matrix spike dup	11/12/2021	Pesticide	Ronnel (Fenclorphos)	n/a	=	0.22	µg/L	EPA 625.1m	0.02	0.05			
2021/22-1	MO-OJA	matrix spike dup, rec	11/12/2021	Pesticide	Ronnel (Fenclorphos)	n/a	=	88	%	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	
2021/22-1	MO-OJA	matrix spike, RPD	11/12/2021	Pesticide	Ronnel (Fenclorphos)	n/a	=	12	%	EPA 625.1m	-88	-88	0	30	
2021/22-1	Lab	method blank	11/9/2021	Pesticide	Simazine	n/a	<	0.02	µg/L	EPA 525.2	0.02	0.1			
2021/22-1	Lab	LCS dup	11/9/2021	Pesticide	Simazine	n/a	=	5.64	µg/L	EPA 525.2	0.02	0.1			
2021/22-1	Lab	LCS dup, rec	11/9/2021	Pesticide	Simazine	n/a	=	113	%	EPA 525.2	-88	-88	60	130	
2021/22-1	Lab	LCS, RPD	11/9/2021	Pesticide	Simazine	n/a	=	2	%	EPA 525.2	-88	-88	0	30	
2021/22-1	Lab	LCS	11/9/2021	Pesticide	Simazine	n/a	=	5.78	µg/L	EPA 525.2	0.02	0.1			
2021/22-1	Lab	LCS, rec	11/9/2021	Pesticide	Simazine	n/a	=	116	%	EPA 525.2	-88	-88	60	130	
2021/22-1	Lab	method blank	11/15/2021	Pesticide	Simazine	n/a	<	0.02	µg/L	EPA 525.2	0.02	0.1			
2021/22-1	Lab	LCS	11/15/2021	Pesticide	Simazine	n/a	=	5.92	µg/L	EPA 525.2	0.02	0.1			
2021/22-1	Lab	LCS, rec	11/15/2021	Pesticide	Simazine	n/a	=	118	%	EPA 525.2	-88	-88	60	130	
2021/22-1	Lab	LCS dup	11/15/2021	Pesticide	Simazine	n/a	=	5.99	µg/L	EPA 525.2	0.02	0.1			
2021/22-1	Lab	LCS dup, rec	11/15/2021	Pesticide	Simazine	n/a	=	120	%	EPA 525.2	-88	-88	60	130	
2021/22-1	Lab	LCS, RPD	11/15/2021	Pesticide	Simazine	n/a	=	1	%	EPA 525.2	-88	-88	0	30	
2021/22-1	Lab	method blank	11/18/2021	Pesticide	Simazine	n/a	<	0.02	µg/L	EPA 525.2	0.02	0.1			
2021/22-1	Lab	LCS dup	11/18/2021	Pesticide	Simazine	n/a	=	5.86	µg/L	EPA 525.2	0.02	0.1			
2021/22-1	Lab	LCS dup, rec	11/18/2021	Pesticide	Simazine	n/a	=	117	%	EPA 525.2	-88	-88	60	130	
2021/22-1	Lab	LCS, RPD	11/18/2021	Pesticide	Simazine	n/a	=	0.8	%	EPA 525.2	-88	-88	0	30	
2021/22-1	Lab	LCS	11/18/2021	Pesticide	Simazine	n/a	=	5.91	µg/L	EPA 525.2	0.02	0.1			
2021/22-1	Lab	LCS, rec	11/18/2021	Pesticide	Simazine	n/a	=	118	%	EPA 525.2	-88	-88	60	130	
2021/22-1	Lab	LCS	11/5/2021	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	=	0.0538	µg/L	EPA 625.1m	0.0031	0.01			
2021/22-1	Lab	LCS, rec	11/5/2021	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	=	108	%	EPA 625.1m	-88	-88	71	171	
2021/22-1	Lab	method blank	11/5/2021	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	<	0.0031	µg/L	EPA 625.1m	0.0031	0.01			
2021/22-1	Lab	LCS	11/12/2021	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	=	0.0573	µg/L	EPA 625.1m	0.0031	0.01			
2021/22-1	Lab	LCS, rec	11/12/2021	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	=	115	%	EPA 625.1m	-88	-88	71	184	
2021/22-1	Lab	method blank	11/12/2021	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	<	0.0031	µg/L	EPA 625.1m	0.0031	0.01			
2021/22-1	ME-CC	matrix spike	11/5/2021	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	=	0.306	µg/L	EPA 625.1m	0.016	0.05			
2021/22-1	ME-CC	matrix spike, rec	11/5/2021	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	=	122	%	EPA 625.1m	-88	-88	0.1	158	
2021/22-1	ME-CC	matrix spike dup	11/5/2021	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	=	0.33	µg/L	EPA 625.1m	0.016	0.05			
2021/22-1	ME-CC	matrix spike dup, rec	11/5/2021	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	=	132	%	EPA 625.1m	-88	-88	0.1	158	
2021/22-1	ME-CC	matrix spike, RPD	11/5/2021	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	=	8	%	EPA 625.1m	-88	-88	0	30	
2021/22-1	MO-OJA	matrix spike	11/12/2021	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	=	0.337	µg/L	EPA 625.1m	0.016	0.05			
2021/22-1	MO-OJA	matrix spike, rec	11/12/2021	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	=	135	%	EPA 625.1m	-88	-88	0.1	158	
2021/22-1	MO-OJA	matrix spike dup	11/12/2021	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	=	0.295	µg/L	EPA 625.1m	0.016	0.05			
2021/22-1	MO-OJA	matrix spike dup, rec	11/12/2021	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	=	118	%	EPA 625.1m	-88	-88	0.1	158	
2021/22-1	MO-OJA	matrix spike, RPD	11/12/2021	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	=	13	%	EPA 625.1m	-88	-88	0	30	
2021/22-1	Lab	method blank	11/9/2021	Pesticide	Terbacil	n/a	<	0.09	µg/L	EPA 525.2	0.09	2			
2021/22-1	Lab	LCS dup	11/9/2021	Pesticide	Terbacil	n/a	=	5.84	µg/L	EPA 525.2	0.09	2			
2021/22-1	Lab	LCS dup, rec	11/9/2021	Pesticide	Terbacil	n/a	=	117	%	EPA 525.2	-88	-88	70	130	
2021/22-1	Lab	LCS, RPD	11/9/2021	Pesticide	Terbacil	n/a	=	1	%	EPA 525.2	-88	-88	0	30	
2021/22-1	Lab	LCS	11/9/2021	Pesticide	Terbacil	n/a	=	5.91	µg/L	EPA 525.2	0.09	2			
2021/22-1	Lab	LCS, rec	11/9/2021	Pesticide	Terbacil	n/a	=	118	%	EPA 525.2	-88	-88	70	130	
2021/22-1	Lab	method blank	11/15/2021	Pesticide	Terbacil	n/a	<	0.09	µg/L	EPA 525.2	0.09	2			
2021/22-1	Lab	LCS	11/15/2021	Pesticide	Terbacil	n/a	=	6.4	µg/L	EPA 525.2	0.09	2			
2021/22-1	Lab	LCS, rec	11/15/2021	Pesticide	Terbacil	n/a	=	128	%	EPA 525.2	-88	-88	70	130	
2021/22-1	Lab	LCS dup	11/15/2021	Pesticide	Terbacil	n/a	=	6.58	µg/L	EPA 525.2	0.09	2			EUM
2021/22-1	Lab	LCS dup, rec	11/15/2021	Pesticide	Terbacil	n/a	=	132	%	EPA 525.2	-88	-88	70	130	EUM
2021/22-1	Lab	LCS, RPD	11/15/2021	Pesticide	Terbacil	n/a	=	3	%	EPA 525.2	-88	-88	0	30	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	
2021/22-1	Lab	method blank	11/18/2021	Pesticide	Terbacil	n/a	<	0.09	µg/L	EPA 525.2	0.09	2			
2021/22-1	Lab	LCS dup	11/18/2021	Pesticide	Terbacil	n/a	=	6.95	µg/L	EPA 525.2	0.09	2			EUM
2021/22-1	Lab	LCS dup, rec	11/18/2021	Pesticide	Terbacil	n/a	=	139	%	EPA 525.2	-88	-88	70	130	EUM
2021/22-1	Lab	LCS, RPD	11/18/2021	Pesticide	Terbacil	n/a	=	1	%	EPA 525.2	-88	-88	0	30	EUM
2021/22-1	Lab	LCS	11/18/2021	Pesticide	Terbacil	n/a	=	6.88	µg/L	EPA 525.2	0.09	2			EUM
2021/22-1	Lab	LCS, rec	11/18/2021	Pesticide	Terbacil	n/a	=	138	%	EPA 525.2	-88	-88	70	130	EUM
2021/22-1	Lab	method blank	11/9/2021	Pesticide	Thiobencarb	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1			
2021/22-1	Lab	LCS dup	11/9/2021	Pesticide	Thiobencarb	n/a	=	5.14	µg/L	EPA 525.2	0.03	0.1			
2021/22-1	Lab	LCS dup, rec	11/9/2021	Pesticide	Thiobencarb	n/a	=	103	%	EPA 525.2	-88	-88	70	130	
2021/22-1	Lab	LCS, RPD	11/9/2021	Pesticide	Thiobencarb	n/a	=	4	%	EPA 525.2	-88	-88	0	30	
2021/22-1	Lab	LCS	11/9/2021	Pesticide	Thiobencarb	n/a	=	5.35	µg/L	EPA 525.2	0.03	0.1			
2021/22-1	Lab	LCS, rec	11/9/2021	Pesticide	Thiobencarb	n/a	=	107	%	EPA 525.2	-88	-88	70	130	
2021/22-1	Lab	method blank	11/15/2021	Pesticide	Thiobencarb	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1			
2021/22-1	Lab	LCS	11/15/2021	Pesticide	Thiobencarb	n/a	=	5.85	µg/L	EPA 525.2	0.03	0.1			
2021/22-1	Lab	LCS, rec	11/15/2021	Pesticide	Thiobencarb	n/a	=	117	%	EPA 525.2	-88	-88	70	130	
2021/22-1	Lab	LCS dup	11/15/2021	Pesticide	Thiobencarb	n/a	=	5.78	µg/L	EPA 525.2	0.03	0.1			
2021/22-1	Lab	LCS dup, rec	11/15/2021	Pesticide	Thiobencarb	n/a	=	116	%	EPA 525.2	-88	-88	70	130	
2021/22-1	Lab	LCS, RPD	11/15/2021	Pesticide	Thiobencarb	n/a	=	1	%	EPA 525.2	-88	-88	0	30	
2021/22-1	Lab	method blank	11/18/2021	Pesticide	Thiobencarb	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1			
2021/22-1	Lab	LCS dup	11/18/2021	Pesticide	Thiobencarb	n/a	=	5.89	µg/L	EPA 525.2	0.03	0.1			
2021/22-1	Lab	LCS dup, rec	11/18/2021	Pesticide	Thiobencarb	n/a	=	118	%	EPA 525.2	-88	-88	70	130	
2021/22-1	Lab	LCS, RPD	11/18/2021	Pesticide	Thiobencarb	n/a	=	2	%	EPA 525.2	-88	-88	0	30	
2021/22-1	Lab	LCS	11/18/2021	Pesticide	Thiobencarb	n/a	=	5.98	µg/L	EPA 525.2	0.03	0.1			
2021/22-1	Lab	LCS, rec	11/18/2021	Pesticide	Thiobencarb	n/a	=	120	%	EPA 525.2	-88	-88	70	130	
2021/22-1	Lab	LCS	11/5/2021	Pesticide	Tokuthion	n/a	=	0.0515	µg/L	EPA 625.1m	0.0078	0.01			
2021/22-1	Lab	LCS, rec	11/5/2021	Pesticide	Tokuthion	n/a	=	103	%	EPA 625.1m	-88	-88	69	138	
2021/22-1	Lab	method blank	11/5/2021	Pesticide	Tokuthion	n/a	<	0.0078	µg/L	EPA 625.1m	0.0078	0.01			
2021/22-1	Lab	LCS	11/12/2021	Pesticide	Tokuthion	n/a	=	0.0568	µg/L	EPA 625.1m	0.0078	0.01			
2021/22-1	Lab	LCS, rec	11/12/2021	Pesticide	Tokuthion	n/a	=	114	%	EPA 625.1m	-88	-88	69	149	
2021/22-1	Lab	method blank	11/12/2021	Pesticide	Tokuthion	n/a	<	0.0078	µg/L	EPA 625.1m	0.0078	0.01			
2021/22-1	ME-CC	matrix spike	11/5/2021	Pesticide	Tokuthion	n/a	=	0.27	µg/L	EPA 625.1m	0.039	0.05			
2021/22-1	ME-CC	matrix spike, rec	11/5/2021	Pesticide	Tokuthion	n/a	=	108	%	EPA 625.1m	-88	-88	35	145	
2021/22-1	ME-CC	matrix spike dup	11/5/2021	Pesticide	Tokuthion	n/a	=	0.309	µg/L	EPA 625.1m	0.039	0.05			
2021/22-1	ME-CC	matrix spike dup, rec	11/5/2021	Pesticide	Tokuthion	n/a	=	124	%	EPA 625.1m	-88	-88	35	145	
2021/22-1	ME-CC	matrix spike, RPD	11/5/2021	Pesticide	Tokuthion	n/a	=	14	%	EPA 625.1m	-88	-88	0	30	
2021/22-1	MO-OJA	matrix spike	11/12/2021	Pesticide	Tokuthion	n/a	=	0.245	µg/L	EPA 625.1m	0.039	0.05			
2021/22-1	MO-OJA	matrix spike, rec	11/12/2021	Pesticide	Tokuthion	n/a	=	98	%	EPA 625.1m	-88	-88	35	145	
2021/22-1	MO-OJA	matrix spike dup	11/12/2021	Pesticide	Tokuthion	n/a	=	0.256	µg/L	EPA 625.1m	0.039	0.05			
2021/22-1	MO-OJA	matrix spike dup, rec	11/12/2021	Pesticide	Tokuthion	n/a	=	102	%	EPA 625.1m	-88	-88	35	145	
2021/22-1	MO-OJA	matrix spike, RPD	11/12/2021	Pesticide	Tokuthion	n/a	=	4	%	EPA 625.1m	-88	-88	0	30	
2021/22-1	Lab	method blank	12/6/2021	Pesticide	Toxaphene	n/a	<	0.085	µg/L	EPA 608.3	0.085	0.5			
2021/22-1	Lab	method blank	12/10/2021	Pesticide	Toxaphene	n/a	<	0.085	µg/L	EPA 608.3	0.085	0.5			
2021/22-1	Lab	LCS	11/5/2021	Pesticide	Trichloronate	n/a	=	0.0485	µg/L	EPA 625.1m	0.0067	0.01			
2021/22-1	Lab	LCS, rec	11/5/2021	Pesticide	Trichloronate	n/a	=	97	%	EPA 625.1m	-88	-88	67	134	
2021/22-1	Lab	method blank	11/5/2021	Pesticide	Trichloronate	n/a	<	0.0067	µg/L	EPA 625.1m	0.0067	0.01			
2021/22-1	Lab	LCS	11/12/2021	Pesticide	Trichloronate	n/a	=	0.0511	µg/L	EPA 625.1m	0.0067	0.01			
2021/22-1	Lab	LCS, rec	11/12/2021	Pesticide	Trichloronate	n/a	=	102	%	EPA 625.1m	-88	-88	67	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	
2021/22-1	Lab	method blank	11/12/2021	Pesticide	Trichloronate	n/a	<	0.0067	µg/L	EPA 625.1m	0.0067	0.01			
2021/22-1	ME-CC	matrix spike	11/5/2021	Pesticide	Trichloronate	n/a	=	0.255	µg/L	EPA 625.1m	0.034	0.05			
2021/22-1	ME-CC	matrix spike, rec	11/5/2021	Pesticide	Trichloronate	n/a	=	102	%	EPA 625.1m	-88	-88	52	133	
2021/22-1	ME-CC	matrix spike dup	11/5/2021	Pesticide	Trichloronate	n/a	=	0.289	µg/L	EPA 625.1m	0.034	0.05			
2021/22-1	ME-CC	matrix spike dup, rec	11/5/2021	Pesticide	Trichloronate	n/a	=	116	%	EPA 625.1m	-88	-88	52	133	
2021/22-1	ME-CC	matrix spike, RPD	11/5/2021	Pesticide	Trichloronate	n/a	=	12	%	EPA 625.1m	-88	-88	0	30	
2021/22-1	MO-OJA	matrix spike	11/12/2021	Pesticide	Trichloronate	n/a	=	0.246	µg/L	EPA 625.1m	0.034	0.05			
2021/22-1	MO-OJA	matrix spike, rec	11/12/2021	Pesticide	Trichloronate	n/a	=	98	%	EPA 625.1m	-88	-88	52	133	
2021/22-1	MO-OJA	matrix spike dup	11/12/2021	Pesticide	Trichloronate	n/a	=	0.221	µg/L	EPA 625.1m	0.034	0.05			
2021/22-1	MO-OJA	matrix spike dup, rec	11/12/2021	Pesticide	Trichloronate	n/a	=	88	%	EPA 625.1m	-88	-88	52	133	
2021/22-1	MO-OJA	matrix spike, RPD	11/12/2021	Pesticide	Trichloronate	n/a	=	11	%	EPA 625.1m	-88	-88	0	30	
2021/22-1	Lab	method blank	11/9/2021	Pesticide	Trithion	n/a	<	0.02	µg/L	EPA 525.2	0.02	0.1			
2021/22-1	Lab	LCS dup	11/9/2021	Pesticide	Trithion	n/a	=	5.7	µg/L	EPA 525.2	0.02	0.1			
2021/22-1	Lab	LCS dup, rec	11/9/2021	Pesticide	Trithion	n/a	=	114	%	EPA 525.2	-88	-88	70	130	
2021/22-1	Lab	LCS, RPD	11/9/2021	Pesticide	Trithion	n/a	=	2	%	EPA 525.2	-88	-88	0	30	
2021/22-1	Lab	LCS	11/9/2021	Pesticide	Trithion	n/a	=	5.79	µg/L	EPA 525.2	0.02	0.1			
2021/22-1	Lab	LCS, rec	11/9/2021	Pesticide	Trithion	n/a	=	116	%	EPA 525.2	-88	-88	70	130	
2021/22-1	Lab	method blank	11/15/2021	Pesticide	Trithion	n/a	<	0.02	µg/L	EPA 525.2	0.02	0.1			
2021/22-1	Lab	LCS	11/15/2021	Pesticide	Trithion	n/a	=	6.27	µg/L	EPA 525.2	0.02	0.1			
2021/22-1	Lab	LCS, rec	11/15/2021	Pesticide	Trithion	n/a	=	125	%	EPA 525.2	-88	-88	70	130	
2021/22-1	Lab	LCS dup	11/15/2021	Pesticide	Trithion	n/a	=	6.59	µg/L	EPA 525.2	0.02	0.1			EUM
2021/22-1	Lab	LCS dup, rec	11/15/2021	Pesticide	Trithion	n/a	=	132	%	EPA 525.2	-88	-88	70	130	EUM
2021/22-1	Lab	LCS, RPD	11/15/2021	Pesticide	Trithion	n/a	=	5	%	EPA 525.2	-88	-88	0	30	EUM
2021/22-1	Lab	method blank	11/18/2021	Pesticide	Trithion	n/a	<	0.02	µg/L	EPA 525.2	0.02	0.1			
2021/22-1	Lab	LCS dup	11/18/2021	Pesticide	Trithion	n/a	=	6.24	µg/L	EPA 525.2	0.02	0.1			
2021/22-1	Lab	LCS dup, rec	11/18/2021	Pesticide	Trithion	n/a	=	125	%	EPA 525.2	-88	-88	70	130	
2021/22-1	Lab	LCS, RPD	11/18/2021	Pesticide	Trithion	n/a	=	3	%	EPA 525.2	-88	-88	0	30	
2021/22-1	Lab	LCS	11/18/2021	Pesticide	Trithion	n/a	=	6.05	µg/L	EPA 525.2	0.02	0.1			
2021/22-1	Lab	LCS, rec	11/18/2021	Pesticide	Trithion	n/a	=	121	%	EPA 525.2	-88	-88	70	130	
2021/22-2	000NONPJ	matrix spike	12/16/2021	Anion	Chloride	n/a	=	206	mg/L	EPA 300.0	1.9	5			
2021/22-2	000NONPJ	matrix spike, rec	12/16/2021	Anion	Chloride	n/a	=	87	%	EPA 300.0	-88	-88	76	118	
2021/22-2	000NONPJ	matrix spike dup	12/16/2021	Anion	Chloride	n/a	=	206	mg/L	EPA 300.0	1.9	5			
2021/22-2	000NONPJ	matrix spike dup, rec	12/16/2021	Anion	Chloride	n/a	=	87	%	EPA 300.0	-88	-88	76	118	
2021/22-2	000NONPJ	matrix spike, RPD	12/16/2021	Anion	Chloride	n/a	=	0.01	%	EPA 300.0	-88	-88	0	20	
2021/22-2	000NONPJ	matrix spike	12/16/2021	Anion	Chloride	n/a	=	220	mg/L	EPA 300.0	1.9	5			
2021/22-2	000NONPJ	matrix spike, rec	12/16/2021	Anion	Chloride	n/a	=	101	%	EPA 300.0	-88	-88	76	118	
2021/22-2	000NONPJ	matrix spike dup	12/16/2021	Anion	Chloride	n/a	=	220	mg/L	EPA 300.0	1.9	5			
2021/22-2	000NONPJ	matrix spike dup, rec	12/16/2021	Anion	Chloride	n/a	=	101	%	EPA 300.0	-88	-88	76	118	
2021/22-2	000NONPJ	matrix spike, RPD	12/16/2021	Anion	Chloride	n/a	=	0.1	%	EPA 300.0	-88	-88	0	20	
2021/22-2	Lab	method blank	12/16/2021	Anion	Chloride	n/a	<	0.19	mg/L	EPA 300.0	0.19	0.5			
2021/22-2	Lab	LCS	12/16/2021	Anion	Chloride	n/a	=	20.3	mg/L	EPA 300.0	0.19	0.5			
2021/22-2	Lab	LCS, rec	12/16/2021	Anion	Chloride	n/a	=	101	%	EPA 300.0	-88	-88	90	110	
2021/22-2	000NONPJ	matrix spike	12/18/2021	Anion	Fluoride	n/a	=	20.6	mg/L	EPA 300.0	0.09	1			
2021/22-2	000NONPJ	matrix spike, rec	12/18/2021	Anion	Fluoride	n/a	=	100	%	EPA 300.0	-88	-88	86	107	
2021/22-2	000NONPJ	matrix spike dup	12/18/2021	Anion	Fluoride	n/a	=	20.6	mg/L	EPA 300.0	0.09	1			
2021/22-2	000NONPJ	matrix spike dup, rec	12/18/2021	Anion	Fluoride	n/a	=	100	%	EPA 300.0	-88	-88	86	107	
2021/22-2	000NONPJ	matrix spike, RPD	12/18/2021	Anion	Fluoride	n/a	=	0.05	%	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	
2021/22-2	000NONPJ	matrix spike	12/18/2021	Anion	Fluoride	n/a	=	20.2	mg/L	EPA 300.0	0.09	1			
2021/22-2	000NONPJ	matrix spike, rec	12/18/2021	Anion	Fluoride	n/a	=	98	%	EPA 300.0	-88	-88	86	107	
2021/22-2	000NONPJ	matrix spike dup	12/18/2021	Anion	Fluoride	n/a	=	20.2	mg/L	EPA 300.0	0.09	1			
2021/22-2	000NONPJ	matrix spike dup, rec	12/18/2021	Anion	Fluoride	n/a	=	98	%	EPA 300.0	-88	-88	86	107	
2021/22-2	000NONPJ	matrix spike, RPD	12/18/2021	Anion	Fluoride	n/a	=	0.2	%	EPA 300.0	-88	-88	0	20	
2021/22-2	Lab	method blank	12/17/2021	Anion	Fluoride	n/a	<	0.009	mg/L	EPA 300.0	0.009	0.1			
2021/22-2	Lab	LCS	12/17/2021	Anion	Fluoride	n/a	=	2.05	mg/L	EPA 300.0	0.009	0.1			
2021/22-2	Lab	LCS, rec	12/17/2021	Anion	Fluoride	n/a	=	102	%	EPA 300.0	-88	-88	90	110	
2021/22-2	Lab	method blank	12/18/2021	Anion	Fluoride	n/a	<	0.009	mg/L	EPA 300.0	0.009	0.1			
2021/22-2	Lab	LCS	12/18/2021	Anion	Fluoride	n/a	=	2.06	mg/L	EPA 300.0	0.009	0.1			
2021/22-2	Lab	LCS, rec	12/18/2021	Anion	Fluoride	n/a	=	103	%	EPA 300.0	-88	-88	90	110	
2021/22-2	MO-SPA	matrix spike	12/18/2021	Anion	Fluoride	n/a	=	19.9	mg/L	EPA 300.0	0.09	1			
2021/22-2	MO-SPA	matrix spike, rec	12/18/2021	Anion	Fluoride	n/a	=	99	%	EPA 300.0	-88	-88	86	107	
2021/22-2	MO-SPA	matrix spike dup	12/18/2021	Anion	Fluoride	n/a	=	19.9	mg/L	EPA 300.0	0.09	1			
2021/22-2	MO-SPA	matrix spike dup, rec	12/18/2021	Anion	Fluoride	n/a	=	100	%	EPA 300.0	-88	-88	86	107	
2021/22-2	MO-SPA	matrix spike, RPD	12/18/2021	Anion	Fluoride	n/a	=	0.4	%	EPA 300.0	-88	-88	0	20	
2021/22-2	MO-VEN	matrix spike	12/18/2021	Anion	Fluoride	n/a	=	19.6	mg/L	EPA 300.0	0.09	1			
2021/22-2	MO-VEN	matrix spike, rec	12/18/2021	Anion	Fluoride	n/a	=	97	%	EPA 300.0	-88	-88	86	107	
2021/22-2	MO-VEN	matrix spike dup	12/18/2021	Anion	Fluoride	n/a	=	20	mg/L	EPA 300.0	0.09	1			
2021/22-2	MO-VEN	matrix spike dup, rec	12/18/2021	Anion	Fluoride	n/a	=	100	%	EPA 300.0	-88	-88	86	107	
2021/22-2	MO-VEN	matrix spike, RPD	12/18/2021	Anion	Fluoride	n/a	=	2	%	EPA 300.0	-88	-88	0	20	
2021/22-2	000NONPJ	matrix spike	12/18/2021	Anion	Perchlorate	n/a	=	9.71	µg/L	EPA 314.0	0.39	2			
2021/22-2	000NONPJ	matrix spike, rec	12/18/2021	Anion	Perchlorate	n/a	=	97	%	EPA 314.0	-88	-88	80	120	
2021/22-2	000NONPJ	matrix spike dup	12/18/2021	Anion	Perchlorate	n/a	=	9.67	µg/L	EPA 314.0	0.39	2			
2021/22-2	000NONPJ	matrix spike dup, rec	12/18/2021	Anion	Perchlorate	n/a	=	97	%	EPA 314.0	-88	-88	80	120	
2021/22-2	000NONPJ	matrix spike, RPD	12/18/2021	Anion	Perchlorate	n/a	=	0.5	%	EPA 314.0	-88	-88	0	15	
2021/22-2	Lab	method blank	12/18/2021	Anion	Perchlorate	n/a	<	0.39	µg/L	EPA 314.0	0.39	2			
2021/22-2	Lab	LCS	12/18/2021	Anion	Perchlorate	n/a	=	9.64	µg/L	EPA 314.0	0.39	2			
2021/22-2	Lab	LCS, rec	12/18/2021	Anion	Perchlorate	n/a	=	96	%	EPA 314.0	-88	-88	85	115	
2021/22-2	ME-CC	field duplicate	12/15/2021	Bacteriological	E. Coli	n/a	=	19863	MPN/100 mL	MMO-MUG	10	10	-88	-88	
2021/22-2	MO-CAM	field blank	12/15/2021	Bacteriological	E. Coli	n/a	<	10	MPN/100 mL	MMO-MUG	10	10	-88	10	
2021/22-2	ME-CC	field duplicate	12/15/2021	Bacteriological	Total Coliform	n/a	=	241960	MPN/100 mL	MMO-MUG	100	100	-88	-88	
2021/22-2	MO-CAM	field blank	12/15/2021	Bacteriological	Total Coliform	n/a	<	10	MPN/100 mL	MMO-MUG	10	10	-88	10	
2021/22-2	000NONPJ	matrix spike	12/28/2021	Cation	Calcium	Total	=	55.1	mg/L	EPA 200.7	0.16	0.5			
2021/22-2	000NONPJ	matrix spike, rec	12/28/2021	Cation	Calcium	Total	=	99	%	EPA 200.7	-88	-88	70	130	
2021/22-2	000NONPJ	matrix spike dup	12/28/2021	Cation	Calcium	Total	=	55.1	mg/L	EPA 200.7	0.16	0.5			
2021/22-2	000NONPJ	matrix spike dup, rec	12/28/2021	Cation	Calcium	Total	=	99	%	EPA 200.7	-88	-88	70	130	
2021/22-2	000NONPJ	matrix spike, RPD	12/28/2021	Cation	Calcium	Total	=	0.1	%	EPA 200.7	-88	-88	0	30	
2021/22-2	000NONPJ	matrix spike	12/28/2021	Cation	Calcium	Total	=	49.6	mg/L	EPA 200.7	0.16	0.5			
2021/22-2	000NONPJ	matrix spike, rec	12/28/2021	Cation	Calcium	Total	=	97	%	EPA 200.7	-88	-88	70	130	
2021/22-2	000NONPJ	matrix spike dup	12/28/2021	Cation	Calcium	Total	=	50.9	mg/L	EPA 200.7	0.16	0.5			
2021/22-2	000NONPJ	matrix spike dup, rec	12/28/2021	Cation	Calcium	Total	=	100	%	EPA 200.7	-88	-88	70	130	
2021/22-2	000NONPJ	matrix spike, RPD	12/28/2021	Cation	Calcium	Total	=	3	%	EPA 200.7	-88	-88	0	30	
2021/22-2	000NONPJ	matrix spike	12/29/2021	Cation	Calcium	Total	=	126	mg/L	EPA 200.7	0.16	0.5			
2021/22-2	000NONPJ	matrix spike, rec	12/29/2021	Cation	Calcium	Total	=	89	%	EPA 200.7	-88	-88	70	130	
2021/22-2	000NONPJ	matrix spike dup	12/29/2021	Cation	Calcium	Total	=	128	mg/L	EPA 200.7	0.16	0.5			
2021/22-2	000NONPJ	matrix spike dup, rec	12/29/2021	Cation	Calcium	Total	=	93	%	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	
2021/22-2	000NONPJ	matrix spike, RPD	12/29/2021	Cation	Calcium	Total	=	1	%	EPA 200.7	-88	-88	0	30	
2021/22-2	000NONPJ	matrix spike	12/29/2021	Cation	Calcium	Total	=	99.7	mg/L	EPA 200.7	0.16	0.5			
2021/22-2	000NONPJ	matrix spike, rec	12/29/2021	Cation	Calcium	Total	=	102	%	EPA 200.7	-88	-88	70	130	
2021/22-2	000NONPJ	matrix spike dup	12/29/2021	Cation	Calcium	Total	=	96.1	mg/L	EPA 200.7	0.16	0.5			
2021/22-2	000NONPJ	matrix spike dup, rec	12/29/2021	Cation	Calcium	Total	=	95	%	EPA 200.7	-88	-88	70	130	
2021/22-2	000NONPJ	matrix spike, RPD	12/29/2021	Cation	Calcium	Total	=	4	%	EPA 200.7	-88	-88	0	30	
2021/22-2	Lab	method blank	12/28/2021	Cation	Calcium	Total	<	0.16	mg/L	EPA 200.7	0.16	0.5			
2021/22-2	Lab	LCS	12/28/2021	Cation	Calcium	Total	=	50	mg/L	EPA 200.7	0.16	0.5			
2021/22-2	Lab	LCS, rec	12/28/2021	Cation	Calcium	Total	=	100	%	EPA 200.7	-88	-88	85	115	
2021/22-2	Lab	method blank	12/29/2021	Cation	Calcium	Total	<	0.16	mg/L	EPA 200.7	0.16	0.5			
2021/22-2	Lab	LCS	12/29/2021	Cation	Calcium	Total	=	50	mg/L	EPA 200.7	0.16	0.5			
2021/22-2	Lab	LCS, rec	12/29/2021	Cation	Calcium	Total	=	100	%	EPA 200.7	-88	-88	85	115	
2021/22-2	000NONPJ	matrix spike	12/28/2021	Cation	Magnesium	Total	=	51.9	mg/L	EPA 200.7	0.039	0.5			
2021/22-2	000NONPJ	matrix spike, rec	12/28/2021	Cation	Magnesium	Total	=	102	%	EPA 200.7	-88	-88	70	130	
2021/22-2	000NONPJ	matrix spike dup	12/28/2021	Cation	Magnesium	Total	=	51.9	mg/L	EPA 200.7	0.039	0.5			
2021/22-2	000NONPJ	matrix spike dup, rec	12/28/2021	Cation	Magnesium	Total	=	102	%	EPA 200.7	-88	-88	70	130	
2021/22-2	000NONPJ	matrix spike, RPD	12/28/2021	Cation	Magnesium	Total	=	0.09	%	EPA 200.7	-88	-88	0	30	
2021/22-2	000NONPJ	matrix spike	12/28/2021	Cation	Magnesium	Total	=	50.5	mg/L	EPA 200.7	0.039	0.5			
2021/22-2	000NONPJ	matrix spike, rec	12/28/2021	Cation	Magnesium	Total	=	100	%	EPA 200.7	-88	-88	70	130	
2021/22-2	000NONPJ	matrix spike dup	12/28/2021	Cation	Magnesium	Total	=	51.9	mg/L	EPA 200.7	0.039	0.5			
2021/22-2	000NONPJ	matrix spike dup, rec	12/28/2021	Cation	Magnesium	Total	=	103	%	EPA 200.7	-88	-88	70	130	
2021/22-2	000NONPJ	matrix spike, RPD	12/28/2021	Cation	Magnesium	Total	=	3	%	EPA 200.7	-88	-88	0	30	
2021/22-2	000NONPJ	matrix spike	12/29/2021	Cation	Magnesium	Total	=	73.7	mg/L	EPA 200.7	0.039	0.5			
2021/22-2	000NONPJ	matrix spike, rec	12/29/2021	Cation	Magnesium	Total	=	102	%	EPA 200.7	-88	-88	70	130	
2021/22-2	000NONPJ	matrix spike dup	12/29/2021	Cation	Magnesium	Total	=	74.6	mg/L	EPA 200.7	0.039	0.5			
2021/22-2	000NONPJ	matrix spike dup, rec	12/29/2021	Cation	Magnesium	Total	=	104	%	EPA 200.7	-88	-88	70	130	
2021/22-2	000NONPJ	matrix spike, RPD	12/29/2021	Cation	Magnesium	Total	=	1	%	EPA 200.7	-88	-88	0	30	
2021/22-2	000NONPJ	matrix spike	12/29/2021	Cation	Magnesium	Total	=	70.9	mg/L	EPA 200.7	0.039	0.5			
2021/22-2	000NONPJ	matrix spike, rec	12/29/2021	Cation	Magnesium	Total	=	106	%	EPA 200.7	-88	-88	70	130	
2021/22-2	000NONPJ	matrix spike dup	12/29/2021	Cation	Magnesium	Total	=	68.3	mg/L	EPA 200.7	0.039	0.5			
2021/22-2	000NONPJ	matrix spike dup, rec	12/29/2021	Cation	Magnesium	Total	=	101	%	EPA 200.7	-88	-88	70	130	
2021/22-2	000NONPJ	matrix spike, RPD	12/29/2021	Cation	Magnesium	Total	=	4	%	EPA 200.7	-88	-88	0	30	
2021/22-2	Lab	method blank	12/28/2021	Cation	Magnesium	Total	<	0.039	mg/L	EPA 200.7	0.039	0.5			
2021/22-2	Lab	LCS	12/28/2021	Cation	Magnesium	Total	=	51.1	mg/L	EPA 200.7	0.039	0.5			
2021/22-2	Lab	LCS, rec	12/28/2021	Cation	Magnesium	Total	=	102	%	EPA 200.7	-88	-88	85	115	
2021/22-2	Lab	method blank	12/29/2021	Cation	Magnesium	Total	<	0.039	mg/L	EPA 200.7	0.039	0.5			
2021/22-2	Lab	LCS	12/29/2021	Cation	Magnesium	Total	=	51.4	mg/L	EPA 200.7	0.039	0.5			
2021/22-2	Lab	LCS, rec	12/29/2021	Cation	Magnesium	Total	=	103	%	EPA 200.7	-88	-88	85	115	
2021/22-2	000NONPJ	lab duplicate	12/18/2021	Conventional	Alkalinity as CaCO3	n/a	=	33.1	mg/L	SM 2320 B	2.3	5		15	
2021/22-2	Lab	method blank	12/18/2021	Conventional	Alkalinity as CaCO3	n/a	<	2.3	mg/L	SM 2320 B	2.3	5			
2021/22-2	Lab	LCS	12/18/2021	Conventional	Alkalinity as CaCO3	n/a	=	255	mg/L	SM 2320 B	2.3	5			
2021/22-2	Lab	LCS, rec	12/18/2021	Conventional	Alkalinity as CaCO3	n/a	=	102	%	SM 2320 B	-88	-88	94	108	
2021/22-2	Lab	method blank	12/20/2021	Conventional	Alkalinity as CaCO3	n/a	<	2.3	mg/L	SM 2320 B	2.3	5			
2021/22-2	Lab	LCS	12/20/2021	Conventional	Alkalinity as CaCO3	n/a	=	248	mg/L	SM 2320 B	2.3	5			
2021/22-2	Lab	LCS, rec	12/20/2021	Conventional	Alkalinity as CaCO3	n/a	=	99	%	SM 2320 B	-88	-88	94	108	
2021/22-2	MO-OJA	lab duplicate	12/20/2021	Conventional	Alkalinity as CaCO3	n/a	=	17.9	mg/L	SM 2320 B	2.3	5		15	
2021/22-2	000NONPJ	lab duplicate	12/20/2021	Conventional	BOD	n/a	=	2.41	mg/L	SM 5210 B	2	2		20	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2021/22-2	Lab	LCS	12/20/2021	Conventional	BOD	n/a	=	168	mg/L	SM 5210 B	2	2			
2021/22-2	Lab	LCS, rec	12/20/2021	Conventional	BOD	n/a	=	85	%	SM 5210 B	-88	-88	85	115	
2021/22-2	Lab	method blank	12/20/2021	Conventional	BOD	n/a	<	2	mg/L	SM 5210 B	2	2			
2021/22-2	Lab	method blank	12/20/2021	Conventional	BOD	n/a	<	2	mg/L	SM 5210 B	2	2			
2021/22-2	Lab	method blank	12/20/2021	Conventional	BOD	n/a	<	2	mg/L	SM 5210 B	2	2			
2021/22-2	Lab	LCS	12/21/2021	Conventional	BOD	n/a	=	186	mg/L	SM 5210 B	2	2			
2021/22-2	Lab	LCS, rec	12/21/2021	Conventional	BOD	n/a	=	94	%	SM 5210 B	-88	-88	85	115	
2021/22-2	Lab	method blank	12/21/2021	Conventional	BOD	n/a	<	2	mg/L	SM 5210 B	2	2			
2021/22-2	Lab	method blank	12/21/2021	Conventional	BOD	n/a	<	2	mg/L	SM 5210 B	2	2			
2021/22-2	Lab	method blank	12/21/2021	Conventional	BOD	n/a	<	2	mg/L	SM 5210 B	2	2			
2021/22-2	000NONPJ	lab duplicate	12/30/2021	Conventional	COD	n/a	=	904	mg/L	EPA 410.4	5.8	10		15	
2021/22-2	000NONPJ	matrix spike	12/30/2021	Conventional	COD	n/a	=	2940	mg/L	EPA 410.4	12	20			
2021/22-2	000NONPJ	matrix spike, rec	12/30/2021	Conventional	COD	n/a	=	102	%	EPA 410.4	-88	-88	90	110	
2021/22-2	000NONPJ	matrix spike dup	12/30/2021	Conventional	COD	n/a	=	2940	mg/L	EPA 410.4	12	20			
2021/22-2	000NONPJ	matrix spike dup, rec	12/30/2021	Conventional	COD	n/a	=	102	%	EPA 410.4	-88	-88	90	110	
2021/22-2	000NONPJ	matrix spike, RPD	12/30/2021	Conventional	COD	n/a	=	0	%	EPA 410.4	-88	-88	0	15	
2021/22-2	000NONPJ	matrix spike	1/2/2022	Conventional	COD	n/a	=	234	mg/L	EPA 410.4	12	20			
2021/22-2	000NONPJ	matrix spike, rec	1/2/2022	Conventional	COD	n/a	=	96	%	EPA 410.4	-88	-88	90	110	
2021/22-2	000NONPJ	matrix spike dup	1/2/2022	Conventional	COD	n/a	=	234	mg/L	EPA 410.4	12	20			
2021/22-2	000NONPJ	matrix spike dup, rec	1/2/2022	Conventional	COD	n/a	=	96	%	EPA 410.4	-88	-88	90	110	
2021/22-2	000NONPJ	matrix spike, RPD	1/2/2022	Conventional	COD	n/a	=	0	%	EPA 410.4	-88	-88	0	15	
2021/22-2	000NONPJ	lab duplicate	1/2/2022	Conventional	COD	n/a	=	4320	mg/L	EPA 410.4	58	100		15	
2021/22-2	000NONPJ	matrix spike	1/2/2022	Conventional	COD	n/a	=	2230	mg/L	EPA 410.4	12	20			
2021/22-2	000NONPJ	matrix spike, rec	1/2/2022	Conventional	COD	n/a	=	102	%	EPA 410.4	-88	-88	90	110	
2021/22-2	000NONPJ	matrix spike dup	1/2/2022	Conventional	COD	n/a	=	2230	mg/L	EPA 410.4	12	20			
2021/22-2	000NONPJ	matrix spike dup, rec	1/2/2022	Conventional	COD	n/a	=	102	%	EPA 410.4	-88	-88	90	110	
2021/22-2	000NONPJ	matrix spike, RPD	1/2/2022	Conventional	COD	n/a	=	0	%	EPA 410.4	-88	-88	0	15	
2021/22-2	000NONPJ	matrix spike	1/2/2022	Conventional	COD	n/a	=	5970	mg/L	EPA 410.4	46	80			
2021/22-2	000NONPJ	matrix spike dup	1/2/2022	Conventional	COD	n/a	=	5970	mg/L	EPA 410.4	46	80			
2021/22-2	000NONPJ	matrix spike dup, rec	1/2/2022	Conventional	COD	n/a	=	96	%	EPA 410.4	-88	-88	90	110	
2021/22-2	000NONPJ	matrix spike, rec	1/2/2022	Conventional	COD	n/a	=	96	%	EPA 410.4	-88	-88	90	110	
2021/22-2	000NONPJ	matrix spike, RPD	1/2/2022	Conventional	COD	n/a	=	0	%	EPA 410.4	-88	-88	0	15	
2021/22-2	000NONPJ	matrix spike	1/2/2022	Conventional	COD	n/a	=	254	mg/L	EPA 410.4	12	20			
2021/22-2	000NONPJ	matrix spike dup	1/2/2022	Conventional	COD	n/a	=	254	mg/L	EPA 410.4	12	20			
2021/22-2	000NONPJ	matrix spike dup, rec	1/2/2022	Conventional	COD	n/a	=	100	%	EPA 410.4	-88	-88	90	110	
2021/22-2	000NONPJ	matrix spike, rec	1/2/2022	Conventional	COD	n/a	=	100	%	EPA 410.4	-88	-88	90	110	
2021/22-2	000NONPJ	matrix spike, RPD	1/2/2022	Conventional	COD	n/a	=	0	%	EPA 410.4	-88	-88	0	15	
2021/22-2	000NONPJ	lab duplicate	1/5/2022	Conventional	COD	n/a	=	2630	mg/L	EPA 410.4	29	50		15	
2021/22-2	000NONPJ	matrix spike	1/5/2022	Conventional	COD	n/a	=	2420	mg/L	EPA 410.4	12	20			
2021/22-2	000NONPJ	matrix spike dup	1/5/2022	Conventional	COD	n/a	=	2420	mg/L	EPA 410.4	12	20			
2021/22-2	000NONPJ	matrix spike dup, rec	1/5/2022	Conventional	COD	n/a	=	102	%	EPA 410.4	-88	-88	90	110	
2021/22-2	000NONPJ	matrix spike, rec	1/5/2022	Conventional	COD	n/a	=	102	%	EPA 410.4	-88	-88	90	110	
2021/22-2	000NONPJ	matrix spike, RPD	1/5/2022	Conventional	COD	n/a	=	0	%	EPA 410.4	-88	-88	0	15	
2021/22-2	Lab	LCS	12/30/2021	Conventional	COD	n/a	=	996	mg/L	EPA 410.4	2.9	5			
2021/22-2	Lab	LCS, rec	12/30/2021	Conventional	COD	n/a	=	100	%	EPA 410.4	-88	-88	90	110	
2021/22-2	Lab	method blank	12/30/2021	Conventional	COD	n/a	<	2.9	mg/L	EPA 410.4	2.9	5			
2021/22-2	Lab	method blank	1/2/2022	Conventional	COD	n/a	<	2.9	mg/L	EPA 410.4	2.9	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	
2021/22-2	Lab	LCS	1/2/2022	Conventional	COD	n/a	=	996	mg/L	EPA 410.4	2.9	5			
2021/22-2	Lab	LCS, rec	1/2/2022	Conventional	COD	n/a	=	100	%	EPA 410.4	-88	-88	90	110	
2021/22-2	Lab	method blank	1/2/2022	Conventional	COD	n/a	<	2.9	mg/L	EPA 410.4	2.9	5			
2021/22-2	Lab	LCS	1/2/2022	Conventional	COD	n/a	=	996	mg/L	EPA 410.4	2.9	5			
2021/22-2	Lab	LCS, rec	1/2/2022	Conventional	COD	n/a	=	100	%	EPA 410.4	-88	-88	90	110	
2021/22-2	Lab	LCS	1/2/2022	Conventional	COD	n/a	=	1020	mg/L	EPA 410.4	2.9	5			
2021/22-2	Lab	LCS, rec	1/2/2022	Conventional	COD	n/a	=	102	%	EPA 410.4	-88	-88	90	110	
2021/22-2	Lab	method blank	1/2/2022	Conventional	COD	n/a	<	2.9	mg/L	EPA 410.4	2.9	5			
2021/22-2	ME-CC	matrix spike	12/30/2021	Conventional	COD	n/a	=	219	mg/L	EPA 410.4	12	20			
2021/22-2	ME-CC	matrix spike dup	12/30/2021	Conventional	COD	n/a	=	219	mg/L	EPA 410.4	12	20			
2021/22-2	ME-CC	matrix spike dup, rec	12/30/2021	Conventional	COD	n/a	=	94	%	EPA 410.4	-88	-88	90	110	
2021/22-2	ME-CC	matrix spike, rec	12/30/2021	Conventional	COD	n/a	=	94	%	EPA 410.4	-88	-88	90	110	
2021/22-2	ME-CC	matrix spike, RPD	12/30/2021	Conventional	COD	n/a	=	0	%	EPA 410.4	-88	-88	0	15	
2021/22-2	MO-MEI	matrix spike	1/2/2022	Conventional	COD	n/a	=	259	mg/L	EPA 410.4	12	20			
2021/22-2	MO-MEI	matrix spike dup	1/2/2022	Conventional	COD	n/a	=	259	mg/L	EPA 410.4	12	20			
2021/22-2	MO-MEI	matrix spike dup, rec	1/2/2022	Conventional	COD	n/a	=	101	%	EPA 410.4	-88	-88	90	110	
2021/22-2	MO-MEI	matrix spike, rec	1/2/2022	Conventional	COD	n/a	=	101	%	EPA 410.4	-88	-88	90	110	
2021/22-2	MO-MEI	matrix spike, RPD	1/2/2022	Conventional	COD	n/a	=	0.3	%	EPA 410.4	-88	-88	0	15	
2021/22-2	000NONPJ	matrix spike	12/16/2021	Conventional	Cyanide	Total	=	0.0487	mg/L	ASTM D7511	0.0012	0.002			
2021/22-2	000NONPJ	matrix spike, rec	12/16/2021	Conventional	Cyanide	Total	=	97	%	ASTM D7511	-88	-88	64	136	
2021/22-2	000NONPJ	matrix spike dup	12/16/2021	Conventional	Cyanide	Total	=	0.0493	mg/L	ASTM D7511	0.0012	0.002			
2021/22-2	000NONPJ	matrix spike dup, rec	12/16/2021	Conventional	Cyanide	Total	=	99	%	ASTM D7511	-88	-88	64	136	
2021/22-2	000NONPJ	matrix spike, RPD	12/16/2021	Conventional	Cyanide	Total	=	1	%	ASTM D7511	-88	-88	0	47	
2021/22-2	000NONPJ	matrix spike	12/16/2021	Conventional	Cyanide	Total	=	0.0499	mg/L	ASTM D7511	0.0012	0.002			
2021/22-2	000NONPJ	matrix spike, rec	12/16/2021	Conventional	Cyanide	Total	=	100	%	ASTM D7511	-88	-88	64	136	
2021/22-2	000NONPJ	matrix spike dup	12/16/2021	Conventional	Cyanide	Total	=	0.0516	mg/L	ASTM D7511	0.0012	0.002			
2021/22-2	000NONPJ	matrix spike dup, rec	12/16/2021	Conventional	Cyanide	Total	=	103	%	ASTM D7511	-88	-88	64	136	
2021/22-2	000NONPJ	matrix spike, RPD	12/16/2021	Conventional	Cyanide	Total	=	4	%	ASTM D7511	-88	-88	0	47	
2021/22-2	000NONPJ	matrix spike	12/22/2021	Conventional	Cyanide	Total	=	0.0515	mg/L	ASTM D7511	0.0012	0.002			
2021/22-2	000NONPJ	matrix spike, rec	12/22/2021	Conventional	Cyanide	Total	=	103	%	ASTM D7511	-88	-88	64	136	
2021/22-2	000NONPJ	matrix spike dup	12/22/2021	Conventional	Cyanide	Total	=	0.0539	mg/L	ASTM D7511	0.0012	0.002			
2021/22-2	000NONPJ	matrix spike dup, rec	12/22/2021	Conventional	Cyanide	Total	=	108	%	ASTM D7511	-88	-88	64	136	
2021/22-2	000NONPJ	matrix spike, RPD	12/22/2021	Conventional	Cyanide	Total	=	5	%	ASTM D7511	-88	-88	0	47	
2021/22-2	Lab	LCS	12/16/2021	Conventional	Cyanide	Total	=	0.0535	mg/L	ASTM D7511	0.0012	0.002			
2021/22-2	Lab	LCS, rec	12/16/2021	Conventional	Cyanide	Total	=	107	%	ASTM D7511	-88	-88	84	116	
2021/22-2	Lab	method blank	12/16/2021	Conventional	Cyanide	Total	<	0.0012	mg/L	ASTM D7511	0.0012	0.002			
2021/22-2	Lab	method blank	12/16/2021	Conventional	Cyanide	Total	<	0.0012	mg/L	ASTM D7511	0.0012	0.002			
2021/22-2	Lab	LCS	12/16/2021	Conventional	Cyanide	Total	=	0.0555	mg/L	ASTM D7511	0.0012	0.002			
2021/22-2	Lab	LCS, rec	12/16/2021	Conventional	Cyanide	Total	=	111	%	ASTM D7511	-88	-88	84	116	
2021/22-2	Lab	LCS	12/22/2021	Conventional	Cyanide	Total	=	0.0527	mg/L	ASTM D7511	0.0012	0.002			
2021/22-2	Lab	LCS, rec	12/22/2021	Conventional	Cyanide	Total	=	105	%	ASTM D7511	-88	-88	84	116	
2021/22-2	Lab	method blank	12/22/2021	Conventional	Cyanide	Total	<	0.0012	mg/L	ASTM D7511	0.0012	0.002			
2021/22-2	Lab	method blank	12/22/2021	Conventional	Cyanide	Total	<	0.0012	mg/L	ASTM D7511	0.0012	0.002			
2021/22-2	Lab	LCS	12/22/2021	Conventional	Cyanide	Total	=	0.0547	mg/L	ASTM D7511	0.0012	0.002			
2021/22-2	Lab	LCS, rec	12/22/2021	Conventional	Cyanide	Total	=	109	%	ASTM D7511	-88	-88	84	116	
2021/22-2	ME-CC	field duplicate	12/22/2021	Conventional	Cyanide	Total	<	0.0012	mg/L	ASTM D7511	0.0012	0.002			FDP
2021/22-2	ME-VR2	matrix spike	12/22/2021	Conventional	Cyanide	Total	=	0.0502	mg/L	ASTM D7511	0.0012	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	
2021/22-2	ME-VR2	matrix spike, rec	12/22/2021	Conventional	Cyanide	Total	=	100	%	ASTM D7511	-88	-88	64	136	
2021/22-2	ME-VR2	matrix spike dup	12/22/2021	Conventional	Cyanide	Total	=	0.0513	mg/L	ASTM D7511	0.0012	0.002			
2021/22-2	ME-VR2	matrix spike dup, rec	12/22/2021	Conventional	Cyanide	Total	=	103	%	ASTM D7511	-88	-88	64	136	
2021/22-2	ME-VR2	matrix spike, RPD	12/22/2021	Conventional	Cyanide	Total	=	2	%	ASTM D7511	-88	-88	0	47	
2021/22-2	MO-CAM	field blank	12/22/2021	Conventional	Cyanide	Total	=	0.0058	mg/L	ASTM D7511	0.0012	0.002			FLIP
2021/22-2	000NONPJ	matrix spike	12/15/2021	Conventional	MBAS	n/a	=	0.218	mg/L	SM 5540 C	0.013	0.05			
2021/22-2	000NONPJ	matrix spike dup	12/15/2021	Conventional	MBAS	n/a	=	0.208	mg/L	SM 5540 C	0.013	0.05			
2021/22-2	000NONPJ	matrix spike dup, rec	12/15/2021	Conventional	MBAS	n/a	=	104	%	SM 5540 C	-88	-88	74	123	
2021/22-2	000NONPJ	matrix spike, rec	12/15/2021	Conventional	MBAS	n/a	=	109	%	SM 5540 C	-88	-88	74	123	
2021/22-2	000NONPJ	matrix spike, RPD	12/15/2021	Conventional	MBAS	n/a	=	5	%	SM 5540 C	-88	-88	0	20	
2021/22-2	Lab	method blank	12/15/2021	Conventional	MBAS	n/a	<	0.013	mg/L	SM 5540 C	0.013	0.05			
2021/22-2	Lab	LCS	12/15/2021	Conventional	MBAS	n/a	=	0.192	mg/L	SM 5540 C	0.013	0.05			
2021/22-2	Lab	LCS, rec	12/15/2021	Conventional	MBAS	n/a	=	96	%	SM 5540 C	-88	-88	82	115	
2021/22-2	000NONPJ	matrix spike	1/2/2022	Conventional	Phenolics	n/a	=	0.243	mg/L	EPA 420.4	0.0068	0.01			
2021/22-2	000NONPJ	matrix spike, rec	1/2/2022	Conventional	Phenolics	n/a	=	97	%	EPA 420.4	-88	-88	90	110	
2021/22-2	000NONPJ	matrix spike dup	1/2/2022	Conventional	Phenolics	n/a	=	0.247	mg/L	EPA 420.4	0.0068	0.01			
2021/22-2	000NONPJ	matrix spike dup, rec	1/2/2022	Conventional	Phenolics	n/a	=	99	%	EPA 420.4	-88	-88	90	110	
2021/22-2	000NONPJ	matrix spike, RPD	1/2/2022	Conventional	Phenolics	n/a	=	2	%	EPA 420.4	-88	-88	0	20	
2021/22-2	000NONPJ	matrix spike	1/2/2022	Conventional	Phenolics	n/a	=	0.24	mg/L	EPA 420.4	0.0068	0.01			
2021/22-2	000NONPJ	matrix spike, rec	1/2/2022	Conventional	Phenolics	n/a	=	96	%	EPA 420.4	-88	-88	90	110	
2021/22-2	000NONPJ	matrix spike dup	1/2/2022	Conventional	Phenolics	n/a	=	0.242	mg/L	EPA 420.4	0.0068	0.01			
2021/22-2	000NONPJ	matrix spike dup, rec	1/2/2022	Conventional	Phenolics	n/a	=	97	%	EPA 420.4	-88	-88	90	110	
2021/22-2	000NONPJ	matrix spike, RPD	1/2/2022	Conventional	Phenolics	n/a	=	0.8	%	EPA 420.4	-88	-88	0	20	
2021/22-2	Lab	method blank	1/2/2022	Conventional	Phenolics	n/a	<	0.0068	mg/L	EPA 420.4	0.0068	0.01			
2021/22-2	Lab	LCS	1/2/2022	Conventional	Phenolics	n/a	=	0.0999	mg/L	EPA 420.4	0.0068	0.01			
2021/22-2	Lab	LCS, rec	1/2/2022	Conventional	Phenolics	n/a	=	100	%	EPA 420.4	-88	-88	90	110	
2021/22-2	Lab	method blank	1/2/2022	Conventional	Phenolics	n/a	<	0.0068	mg/L	EPA 420.4	0.0068	0.01			
2021/22-2	Lab	LCS	1/2/2022	Conventional	Phenolics	n/a	=	0.0969	mg/L	EPA 420.4	0.0068	0.01			
2021/22-2	Lab	LCS, rec	1/2/2022	Conventional	Phenolics	n/a	=	97	%	EPA 420.4	-88	-88	90	110	
2021/22-2	Lab	method blank	1/2/2022	Conventional	Phenolics	n/a	<	0.0068	mg/L	EPA 420.4	0.0068	0.01			
2021/22-2	Lab	LCS	1/2/2022	Conventional	Phenolics	n/a	=	0.0974	mg/L	EPA 420.4	0.0068	0.01			
2021/22-2	Lab	LCS, rec	1/2/2022	Conventional	Phenolics	n/a	=	97	%	EPA 420.4	-88	-88	90	110	
2021/22-2	MO-MPK	matrix spike	1/2/2022	Conventional	Phenolics	n/a	=	0.247	mg/L	EPA 420.4	0.0068	0.01			
2021/22-2	MO-MPK	matrix spike, rec	1/2/2022	Conventional	Phenolics	n/a	=	96	%	EPA 420.4	-88	-88	90	110	
2021/22-2	MO-MPK	matrix spike dup	1/2/2022	Conventional	Phenolics	n/a	=	0.246	mg/L	EPA 420.4	0.0068	0.01			
2021/22-2	MO-MPK	matrix spike dup, rec	1/2/2022	Conventional	Phenolics	n/a	=	95	%	EPA 420.4	-88	-88	90	110	
2021/22-2	MO-MPK	matrix spike, RPD	1/2/2022	Conventional	Phenolics	n/a	=	0.2	%	EPA 420.4	-88	-88	0	20	
2021/22-2	Lab	method blank	12/16/2021	Conventional	Specific Conductance	n/a	<	1.1	µmhos/cm	SM 2510 B	1.1	2			
2021/22-2	Lab	LCS	12/16/2021	Conventional	Specific Conductance	n/a	=	448	µmhos/cm	SM 2510 B	1.1	2			
2021/22-2	Lab	LCS, rec	12/16/2021	Conventional	Specific Conductance	n/a	=	101	%	SM 2510 B	-88	-88	95	105	
2021/22-2	ME-SCR	lab duplicate	12/16/2021	Conventional	Specific Conductance	n/a	=	2720	µmhos/cm	SM 2510 B	4.3	8		5	
2021/22-2	000NONPJ	lab duplicate	12/16/2021	Conventional	Total Chlorine Residual	n/a	<	0.031	mg/L	SM 4500-Cl G	0.031	0.05			
2021/22-2	Lab	method blank	12/16/2021	Conventional	Total Chlorine Residual	n/a	<	0.031	mg/L	SM 4500-Cl G	0.031	0.05			
2021/22-2	Lab	LCS	12/16/2021	Conventional	Total Chlorine Residual	n/a	=	0.188	mg/L	SM 4500-Cl G	0.031	0.05			
2021/22-2	Lab	LCS, rec	12/16/2021	Conventional	Total Chlorine Residual	n/a	=	94	%	SM 4500-Cl G	-88	-88	85	110	
2021/22-2	ME-CC	matrix spike	12/16/2021	Conventional	Total Chlorine Residual	n/a	=	0.238	mg/L	SM 4500-Cl G	0.031	0.05			
2021/22-2	ME-CC	matrix spike, rec	12/16/2021	Conventional	Total Chlorine Residual	n/a	=	92	%	SM 4500-Cl G	-88	-88	78	114	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2021/22-2	ME-CC	matrix spike dup	12/16/2021	Conventional	Total Chlorine Residual	n/a	=	0.239	mg/L	SM 4500-Cl G	0.031	0.05			
2021/22-2	ME-CC	matrix spike dup, rec	12/16/2021	Conventional	Total Chlorine Residual	n/a	=	92	%	SM 4500-Cl G	-88	-88	78	114	
2021/22-2	ME-CC	matrix spike, RPD	12/16/2021	Conventional	Total Chlorine Residual	n/a	=	0.4	%	SM 4500-Cl G	-88	-88	0	15	
2021/22-2	000NONPJ	lab duplicate	12/20/2021	Conventional	Total Dissolved Solids	n/a	=	22800	mg/L	SM 2540 C	4	10		10	
2021/22-2	000NONPJ	lab duplicate	12/20/2021	Conventional	Total Dissolved Solids	n/a	=	2540	mg/L	SM 2540 C	4	10		10	
2021/22-2	000NONPJ	lab duplicate	12/21/2021	Conventional	Total Dissolved Solids	n/a	=	901	mg/L	SM 2540 C	4	10		10	
2021/22-2	000NONPJ	lab duplicate	12/21/2021	Conventional	Total Dissolved Solids	n/a	=	6590	mg/L	SM 2540 C	4	10		10	
2021/22-2	000NONPJ	lab duplicate	12/21/2021	Conventional	Total Dissolved Solids	n/a	=	23100	mg/L	SM 2540 C	4	10		10	
2021/22-2	Lab	LCS	12/20/2021	Conventional	Total Dissolved Solids	n/a	=	801	mg/L	SM 2540 C	4	10			
2021/22-2	Lab	LCS, rec	12/20/2021	Conventional	Total Dissolved Solids	n/a	=	97	%	SM 2540 C	-88	-88	96	102	
2021/22-2	Lab	method blank	12/20/2021	Conventional	Total Dissolved Solids	n/a	<	4	mg/L	SM 2540 C	4	10			
2021/22-2	Lab	LCS	12/21/2021	Conventional	Total Dissolved Solids	n/a	=	794	mg/L	SM 2540 C	4	10			
2021/22-2	Lab	LCS, rec	12/21/2021	Conventional	Total Dissolved Solids	n/a	=	96	%	SM 2540 C	-88	-88	96	102	
2021/22-2	Lab	method blank	12/21/2021	Conventional	Total Dissolved Solids	n/a	<	4	mg/L	SM 2540 C	4	10			
2021/22-2	Lab	LCS	12/21/2021	Conventional	Total Dissolved Solids	n/a	=	791	mg/L	SM 2540 C	4	10			
2021/22-2	Lab	LCS, rec	12/21/2021	Conventional	Total Dissolved Solids	n/a	=	96	%	SM 2540 C	-88	-88	96	102	
2021/22-2	Lab	method blank	12/21/2021	Conventional	Total Dissolved Solids	n/a	<	4	mg/L	SM 2540 C	4	10			
2021/22-2	ME-SCR	lab duplicate	12/21/2021	Conventional	Total Dissolved Solids	n/a	=	1800	mg/L	SM 2540 C	4	10		10	
2021/22-2	000NONPJ	matrix spike	12/23/2021	Conventional	Total Organic Carbon	n/a	=	17.8	mg/L	SM 5310 B	0.19	0.3			
2021/22-2	000NONPJ	matrix spike, rec	12/23/2021	Conventional	Total Organic Carbon	n/a	=	92	%	SM 5310 B	-88	-88	76	115	
2021/22-2	000NONPJ	matrix spike dup	12/23/2021	Conventional	Total Organic Carbon	n/a	=	17.8	mg/L	SM 5310 B	0.19	0.3			
2021/22-2	000NONPJ	matrix spike dup, rec	12/23/2021	Conventional	Total Organic Carbon	n/a	=	94	%	SM 5310 B	-88	-88	76	115	
2021/22-2	000NONPJ	matrix spike, RPD	12/23/2021	Conventional	Total Organic Carbon	n/a	=	0.6	%	SM 5310 B	-88	-88	0	20	
2021/22-2	000NONPJ	matrix spike	12/24/2021	Conventional	Total Organic Carbon	n/a	=	8.5	mg/L	SM 5310 B	0.19	0.3			
2021/22-2	000NONPJ	matrix spike, rec	12/24/2021	Conventional	Total Organic Carbon	n/a	=	88	%	SM 5310 B	-88	-88	76	115	
2021/22-2	000NONPJ	matrix spike dup	12/24/2021	Conventional	Total Organic Carbon	n/a	=	8.73	mg/L	SM 5310 B	0.19	0.3			
2021/22-2	000NONPJ	matrix spike dup, rec	12/24/2021	Conventional	Total Organic Carbon	n/a	=	93	%	SM 5310 B	-88	-88	76	115	
2021/22-2	000NONPJ	matrix spike, RPD	12/24/2021	Conventional	Total Organic Carbon	n/a	=	3	%	SM 5310 B	-88	-88	0	20	
2021/22-2	000NONPJ	matrix spike	12/29/2021	Conventional	Total Organic Carbon	n/a	=	10.9	mg/L	SM 5310 B	0.19	0.3			
2021/22-2	000NONPJ	matrix spike, rec	12/29/2021	Conventional	Total Organic Carbon	n/a	=	92	%	SM 5310 B	-88	-88	76	115	
2021/22-2	000NONPJ	matrix spike dup	12/29/2021	Conventional	Total Organic Carbon	n/a	=	11.1	mg/L	SM 5310 B	0.19	0.3			
2021/22-2	000NONPJ	matrix spike dup, rec	12/29/2021	Conventional	Total Organic Carbon	n/a	=	97	%	SM 5310 B	-88	-88	76	115	
2021/22-2	000NONPJ	matrix spike, RPD	12/29/2021	Conventional	Total Organic Carbon	n/a	=	2	%	SM 5310 B	-88	-88	0	20	
2021/22-2	Lab	method blank	12/23/2021	Conventional	Total Organic Carbon	n/a	<	0.19	mg/L	SM 5310 B	0.19	0.3			
2021/22-2	Lab	LCS	12/23/2021	Conventional	Total Organic Carbon	n/a	=	0.973	mg/L	SM 5310 B	0.19	0.3			
2021/22-2	Lab	LCS, rec	12/23/2021	Conventional	Total Organic Carbon	n/a	=	97	%	SM 5310 B	-88	-88	85	115	
2021/22-2	Lab	method blank	12/24/2021	Conventional	Total Organic Carbon	n/a	<	0.19	mg/L	SM 5310 B	0.19	0.3			
2021/22-2	Lab	LCS	12/24/2021	Conventional	Total Organic Carbon	n/a	=	0.993	mg/L	SM 5310 B	0.19	0.3			
2021/22-2	Lab	LCS, rec	12/24/2021	Conventional	Total Organic Carbon	n/a	=	99	%	SM 5310 B	-88	-88	85	115	
2021/22-2	Lab	method blank	12/29/2021	Conventional	Total Organic Carbon	n/a	<	0.19	mg/L	SM 5310 B	0.19	0.3			
2021/22-2	Lab	LCS	12/29/2021	Conventional	Total Organic Carbon	n/a	=	1.02	mg/L	SM 5310 B	0.19	0.3			
2021/22-2	Lab	LCS, rec	12/29/2021	Conventional	Total Organic Carbon	n/a	=	102	%	SM 5310 B	-88	-88	85	115	
2021/22-2	000NONPJ	lab duplicate	12/20/2021	Conventional	Total Suspended Solids	n/a	=	21.8	mg/L	SM 2540 D	-88	5		20	
2021/22-2	Lab	LCS	12/20/2021	Conventional	Total Suspended Solids	n/a	=	53	mg/L	SM 2540 D	-88	5			
2021/22-2	Lab	LCS, rec	12/20/2021	Conventional	Total Suspended Solids	n/a	=	103	%	SM 2540 D	-88	-88	90	110	
2021/22-2	Lab	method blank	12/20/2021	Conventional	Total Suspended Solids	n/a	DNQ	0.1	mg/L	SM 2540 D	-88	5			IP
2021/22-2	Lab	LCS	12/20/2021	Conventional	Total Suspended Solids	n/a	=	58.9	mg/L	SM 2540 D	-88	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	
2021/22-2	Lab	LCS, rec	12/20/2021	Conventional	Total Suspended Solids	n/a	=	99	%	SM 2540 D	-88	-88	90	110	
2021/22-2	Lab	method blank	12/20/2021	Conventional	Total Suspended Solids	n/a	<	5	mg/L	SM 2540 D	-88	5			
2021/22-2	ME-VR2	lab duplicate	12/20/2021	Conventional	Total Suspended Solids	n/a	=	289	mg/L	SM 2540 D	-88	5		20	
2021/22-2	MO-CAM	lab duplicate	12/20/2021	Conventional	Total Suspended Solids	n/a	=	118	mg/L	SM 2540 D	-88	5		20	
2021/22-2	MO-OJA	lab duplicate	12/20/2021	Conventional	Total Suspended Solids	n/a	=	324	mg/L	SM 2540 D	-88	5		20	
2021/22-2	Lab	LCS	12/15/2021	Conventional	Turbidity	n/a	=	9.93	NTU	EPA 180.1	0.017	0.1			
2021/22-2	Lab	LCS, rec	12/15/2021	Conventional	Turbidity	n/a	=	99	%	EPA 180.1	-88	-88	90	110	
2021/22-2	Lab	method blank	12/15/2021	Conventional	Turbidity	n/a	DNQ	0.02	NTU	EPA 180.1	0.017	0.1			IP
2021/22-2	Lab	LCS	12/15/2021	Conventional	Turbidity	n/a	=	2.03	NTU	EPA 180.1	0.017	0.1			
2021/22-2	Lab	LCS, rec	12/15/2021	Conventional	Turbidity	n/a	=	102	%	EPA 180.1	-88	-88	90	110	
2021/22-2	ME-CC	lab duplicate	12/15/2021	Conventional	Turbidity	n/a	=	150	NTU	EPA 180.1	1.7	10		10	
2021/22-2	Lab	LCS	12/20/2021	Conventional	Volatile Suspended Solids	n/a	=	37	mg/L	EPA 160.4	0.093	0.15			
2021/22-2	Lab	LCS	12/20/2021	Conventional	Volatile Suspended Solids	n/a	=	43	mg/L	EPA 160.4	0.093	0.15			
2021/22-2	Lab	LCS, rec	12/20/2021	Conventional	Volatile Suspended Solids	n/a	=	101	%	EPA 160.4	-88	-88	90	110	
2021/22-2	Lab	LCS, rec	12/20/2021	Conventional	Volatile Suspended Solids	n/a	=	102	%	EPA 160.4	-88	-88	90	110	
2021/22-2	Lab	method blank	12/20/2021	Conventional	Volatile Suspended Solids	n/a	<	3.1	mg/L	EPA 160.4	3.1	5			
2021/22-2	Lab	method blank	12/20/2021	Conventional	Volatile Suspended Solids	n/a	<	3.1	mg/L	EPA 160.4	3.1	5			
2021/22-2	ME-VR2	lab duplicate	12/20/2021	Conventional	Volatile Suspended Solids	n/a	=	52	mg/L	EPA 160.4	3.1	5		15	
2021/22-2	MO-CAM	lab duplicate	12/20/2021	Conventional	Volatile Suspended Solids	n/a	=	22	mg/L	EPA 160.4	3.1	5		15	
2021/22-2	MO-OJA	lab duplicate	12/20/2021	Conventional	Volatile Suspended Solids	n/a	=	32	mg/L	EPA 160.4	3.1	5		15	
2021/22-2	Lab	method blank	12/29/2021	Hydrocarbon	Diesel Range Organics	n/a	<	0.072	mg/L	EPA 8015B	0.072	0.1			
2021/22-2	Lab	LCS	12/29/2021	Hydrocarbon	Diesel Range Organics	n/a	=	0.39	mg/L	EPA 8015B	0.072	0.1			
2021/22-2	Lab	LCS, rec	12/29/2021	Hydrocarbon	Diesel Range Organics	n/a	=	78	%	EPA 8015B	-88	-88	56	136	
2021/22-2	Lab	LCS dup	12/29/2021	Hydrocarbon	Diesel Range Organics	n/a	=	0.525	mg/L	EPA 8015B	0.072	0.1			IL
2021/22-2	Lab	LCS dup, rec	12/29/2021	Hydrocarbon	Diesel Range Organics	n/a	=	105	%	EPA 8015B	-88	-88	56	136	IL
2021/22-2	Lab	LCS, RPD	12/29/2021	Hydrocarbon	Diesel Range Organics	n/a	=	29	%	EPA 8015B	-88	-88	0	25	IL
2021/22-2	Lab	LCS	12/21/2021	Hydrocarbon	Gasoline Range Organics	n/a	=	0.914	mg/L	EPA 8260B	0.065	0.1			
2021/22-2	Lab	LCS, rec	12/21/2021	Hydrocarbon	Gasoline Range Organics	n/a	=	91	%	EPA 8260B	-88	-88	53	136	
2021/22-2	Lab	LCS dup	12/21/2021	Hydrocarbon	Gasoline Range Organics	n/a	=	0.942	mg/L	EPA 8260B	0.065	0.1			
2021/22-2	Lab	LCS dup, rec	12/21/2021	Hydrocarbon	Gasoline Range Organics	n/a	=	94	%	EPA 8260B	-88	-88	53	136	
2021/22-2	Lab	LCS, RPD	12/21/2021	Hydrocarbon	Gasoline Range Organics	n/a	=	3	%	EPA 8260B	-88	-88	0	25	
2021/22-2	Lab	method blank	12/21/2021	Hydrocarbon	Gasoline Range Organics	n/a	<	0.065	mg/L	EPA 8260B	0.065	0.1			
2021/22-2	ME-CC	field duplicate	12/21/2021	Hydrocarbon	Gasoline Range Organics	n/a	DNQ	0.073	mg/L	EPA 8260B	0.065	0.1			
2021/22-2	MO-CAM	field blank	12/21/2021	Hydrocarbon	Gasoline Range Organics	n/a	DNQ	0.072	mg/L	EPA 8260B	0.065	0.1			
2021/22-2	Lab	srgt method blank	12/29/2021	Hydrocarbon	n-Tetracosane	n/a	=	0.222	mg/L	EPA 8015B	-88	-88			
2021/22-2	Lab	srgt method blank, rec	12/29/2021	Hydrocarbon	n-Tetracosane	n/a	=	89	%	EPA 8015B	-88	-88	64	155	
2021/22-2	Lab	srgt LCS	12/29/2021	Hydrocarbon	n-Tetracosane	n/a	=	0.277	mg/L	EPA 8015B	-88	-88			
2021/22-2	Lab	srgt LCS, rec	12/29/2021	Hydrocarbon	n-Tetracosane	n/a	=	111	%	EPA 8015B	-88	-88	64	155	
2021/22-2	Lab	srgt LCS dup	12/29/2021	Hydrocarbon	n-Tetracosane	n/a	=	0.245	mg/L	EPA 8015B	-88	-88			
2021/22-2	Lab	srgt LCS dup, rec	12/29/2021	Hydrocarbon	n-Tetracosane	n/a	=	98	%	EPA 8015B	-88	-88	64	155	
2021/22-2	ME-CC	srgt environ	12/29/2021	Hydrocarbon	n-Tetracosane	n/a	=	0.196	mg/L	EPA 8015B	-88	-88			
2021/22-2	ME-CC	srgt environ, rec	12/29/2021	Hydrocarbon	n-Tetracosane	n/a	=	78	%	EPA 8015B	-88	-88	64	155	
2021/22-2	ME-SCR	srgt environ	12/29/2021	Hydrocarbon	n-Tetracosane	n/a	=	0.232	mg/L	EPA 8015B	-88	-88			
2021/22-2	ME-SCR	srgt environ, rec	12/29/2021	Hydrocarbon	n-Tetracosane	n/a	=	93	%	EPA 8015B	-88	-88	64	155	
2021/22-2	ME-VR2	srgt environ	12/29/2021	Hydrocarbon	n-Tetracosane	n/a	=	0.187	mg/L	EPA 8015B	-88	-88			
2021/22-2	ME-VR2	srgt environ, rec	12/29/2021	Hydrocarbon	n-Tetracosane	n/a	=	75	%	EPA 8015B	-88	-88	64	155	
2021/22-2	MO-CAM	srgt environ	12/29/2021	Hydrocarbon	n-Tetracosane	n/a	=	0.246	mg/L	EPA 8015B	-88	-88			

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2021/22-2	MO-CAM	srgt environ, rec	12/29/2021	Hydrocarbon	n-Tetracosane	n/a	=	99	%	EPA 8015B	-88	-88	64	155	
2021/22-2	MO-FIL	srgt environ	12/29/2021	Hydrocarbon	n-Tetracosane	n/a	=	0.26	mg/L	EPA 8015B	-88	-88			
2021/22-2	MO-FIL	srgt environ, rec	12/29/2021	Hydrocarbon	n-Tetracosane	n/a	=	104	%	EPA 8015B	-88	-88	64	155	
2021/22-2	MO-HUE	srgt environ	12/30/2021	Hydrocarbon	n-Tetracosane	n/a	=	0.213	mg/L	EPA 8015B	-88	-88			
2021/22-2	MO-HUE	srgt environ, rec	12/30/2021	Hydrocarbon	n-Tetracosane	n/a	=	85	%	EPA 8015B	-88	-88	64	155	
2021/22-2	MO-MEI	srgt environ	12/29/2021	Hydrocarbon	n-Tetracosane	n/a	=	0.212	mg/L	EPA 8015B	-88	-88			
2021/22-2	MO-MEI	srgt environ, rec	12/29/2021	Hydrocarbon	n-Tetracosane	n/a	=	85	%	EPA 8015B	-88	-88	64	155	
2021/22-2	MO-MPK	srgt environ	12/29/2021	Hydrocarbon	n-Tetracosane	n/a	=	0.163	mg/L	EPA 8015B	-88	-88			
2021/22-2	MO-MPK	srgt environ, rec	12/29/2021	Hydrocarbon	n-Tetracosane	n/a	=	65	%	EPA 8015B	-88	-88	64	155	
2021/22-2	MO-OJA	srgt environ	12/29/2021	Hydrocarbon	n-Tetracosane	n/a	=	0.283	mg/L	EPA 8015B	-88	-88			
2021/22-2	MO-OJA	srgt environ, rec	12/29/2021	Hydrocarbon	n-Tetracosane	n/a	=	113	%	EPA 8015B	-88	-88	64	155	
2021/22-2	MO-OXN	srgt environ	12/30/2021	Hydrocarbon	n-Tetracosane	n/a	=	0.328	mg/L	EPA 8015B	-88	-88			
2021/22-2	MO-OXN	srgt environ, rec	12/30/2021	Hydrocarbon	n-Tetracosane	n/a	=	131	%	EPA 8015B	-88	-88	64	155	
2021/22-2	MO-SIM	srgt environ	12/29/2021	Hydrocarbon	n-Tetracosane	n/a	=	0.21	mg/L	EPA 8015B	-88	-88			
2021/22-2	MO-SIM	srgt environ, rec	12/29/2021	Hydrocarbon	n-Tetracosane	n/a	=	84	%	EPA 8015B	-88	-88	64	155	
2021/22-2	MO-SPA	srgt environ	12/29/2021	Hydrocarbon	n-Tetracosane	n/a	=	0.289	mg/L	EPA 8015B	-88	-88			
2021/22-2	MO-SPA	srgt environ, rec	12/29/2021	Hydrocarbon	n-Tetracosane	n/a	=	116	%	EPA 8015B	-88	-88	64	155	
2021/22-2	MO-THO	srgt environ	12/30/2021	Hydrocarbon	n-Tetracosane	n/a	=	0.197	mg/L	EPA 8015B	-88	-88			
2021/22-2	MO-THO	srgt environ, rec	12/30/2021	Hydrocarbon	n-Tetracosane	n/a	=	79	%	EPA 8015B	-88	-88	64	155	
2021/22-2	MO-VEN	srgt environ	12/29/2021	Hydrocarbon	n-Tetracosane	n/a	=	0.38	mg/L	EPA 8015B	-88	-88			
2021/22-2	MO-VEN	srgt environ, rec	12/29/2021	Hydrocarbon	n-Tetracosane	n/a	=	152	%	EPA 8015B	-88	-88	64	155	
2021/22-2	Lab	LCS	12/21/2021	Hydrocarbon	Oil and Grease	n/a	DNQ	4.2	mg/L	EPA 1664B	1.3	5			
2021/22-2	Lab	LCS	12/21/2021	Hydrocarbon	Oil and Grease	n/a	=	17.2	mg/L	EPA 1664B	1.3	5			
2021/22-2	Lab	LCS dup	12/21/2021	Hydrocarbon	Oil and Grease	n/a	=	18	mg/L	EPA 1664B	1.3	5			
2021/22-2	Lab	LCS dup, rec	12/21/2021	Hydrocarbon	Oil and Grease	n/a	=	90	%	EPA 1664B	-88	-88	78	114	
2021/22-2	Lab	LCS, rec	12/21/2021	Hydrocarbon	Oil and Grease	n/a	=	84	%	EPA 1664B	-88	-88	78	114	
2021/22-2	Lab	LCS, rec	12/21/2021	Hydrocarbon	Oil and Grease	n/a	=	86	%	EPA 1664B	-88	-88	78	114	
2021/22-2	Lab	LCS, RPD	12/21/2021	Hydrocarbon	Oil and Grease	n/a	=	5	%	EPA 1664B	-88	-88	0	18	
2021/22-2	Lab	method blank	12/21/2021	Hydrocarbon	Oil and Grease	n/a	<	1.3	mg/L	EPA 1664B	1.3	5			
2021/22-2	Lab	LCS	12/23/2021	Hydrocarbon	Oil and Grease	n/a	=	16	mg/L	EPA 1664B	1.3	5			
2021/22-2	Lab	LCS	12/23/2021	Hydrocarbon	Oil and Grease	n/a	DNQ	4.2	mg/L	EPA 1664B	1.3	5			
2021/22-2	Lab	LCS dup	12/23/2021	Hydrocarbon	Oil and Grease	n/a	=	18.3	mg/L	EPA 1664B	1.3	5			
2021/22-2	Lab	LCS dup, rec	12/23/2021	Hydrocarbon	Oil and Grease	n/a	=	92	%	EPA 1664B	-88	-88	78	114	
2021/22-2	Lab	LCS, rec	12/23/2021	Hydrocarbon	Oil and Grease	n/a	=	80	%	EPA 1664B	-88	-88	78	114	
2021/22-2	Lab	LCS, rec	12/23/2021	Hydrocarbon	Oil and Grease	n/a	=	84	%	EPA 1664B	-88	-88	78	114	
2021/22-2	Lab	LCS, RPD	12/23/2021	Hydrocarbon	Oil and Grease	n/a	=	13	%	EPA 1664B	-88	-88	0	18	
2021/22-2	Lab	method blank	12/23/2021	Hydrocarbon	Oil and Grease	n/a	<	1.3	mg/L	EPA 1664B	1.3	5			
2021/22-2	Lab	LCS	1/6/2022	Hydrocarbon	Oil and Grease	n/a	DNQ	4.6	mg/L	EPA 1664B	1.3	5			
2021/22-2	Lab	LCS	1/6/2022	Hydrocarbon	Oil and Grease	n/a	=	16.4	mg/L	EPA 1664B	1.3	5			
2021/22-2	Lab	LCS dup	1/6/2022	Hydrocarbon	Oil and Grease	n/a	=	16.8	mg/L	EPA 1664B	1.3	5			
2021/22-2	Lab	LCS dup, rec	1/6/2022	Hydrocarbon	Oil and Grease	n/a	=	84	%	EPA 1664B	-88	-88	78	114	
2021/22-2	Lab	LCS, rec	1/6/2022	Hydrocarbon	Oil and Grease	n/a	=	92	%	EPA 1664B	-88	-88	78	114	
2021/22-2	Lab	LCS, rec	1/6/2022	Hydrocarbon	Oil and Grease	n/a	=	82	%	EPA 1664B	-88	-88	78	114	
2021/22-2	Lab	LCS, RPD	1/6/2022	Hydrocarbon	Oil and Grease	n/a	=	2	%	EPA 1664B	-88	-88	0	18	
2021/22-2	Lab	method blank	1/6/2022	Hydrocarbon	Oil and Grease	n/a	<	1.3	mg/L	EPA 1664B	1.3	5			
2021/22-2	ME-CC	field duplicate	1/6/2022	Hydrocarbon	Oil and Grease	n/a	<	1.3	mg/L	EPA 1664B	1.3	5			
2021/22-2	MO-CAM	field blank	12/21/2021	Hydrocarbon	Oil and Grease	n/a	<	1.3	mg/L	EPA 1664B	1.3	5			

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2021/22-2	Lab	method blank	12/29/2021	Hydrocarbon	Oil Range Organics	n/a	<	0.33	mg/L	EPA 8015B	0.33	0.5			
2021/22-2	Lab	method blank	1/4/2022	Metal	Aluminum	Dissolved	<	4.4	µg/L	EPA 200.8	4.4	20			
2021/22-2	Lab	LCS	1/4/2022	Metal	Aluminum	Dissolved	=	48.4	µg/L	EPA 200.8	4.4	20			
2021/22-2	Lab	LCS, rec	1/4/2022	Metal	Aluminum	Dissolved	=	97	%	EPA 200.8	-88	-88	85	115	
2021/22-2	Lab	method blank	1/17/2022	Metal	Aluminum	Dissolved	<	4.4	µg/L	EPA 200.8	4.4	20			
2021/22-2	Lab	LCS	1/17/2022	Metal	Aluminum	Dissolved	=	47.9	µg/L	EPA 200.8	4.4	20			
2021/22-2	Lab	LCS, rec	1/17/2022	Metal	Aluminum	Dissolved	=	96	%	EPA 200.8	-88	-88	85	115	
2021/22-2	000NONPJ	matrix spike	1/4/2022	Metal	Aluminum	Total	=	564	µg/L	EPA 200.8	4.4	20			
2021/22-2	000NONPJ	matrix spike, rec	1/4/2022	Metal	Aluminum	Total	=	90	%	EPA 200.8	-88	-88	70	130	
2021/22-2	000NONPJ	matrix spike dup	1/4/2022	Metal	Aluminum	Total	=	566	µg/L	EPA 200.8	4.4	20			
2021/22-2	000NONPJ	matrix spike dup, rec	1/4/2022	Metal	Aluminum	Total	=	94	%	EPA 200.8	-88	-88	70	130	
2021/22-2	000NONPJ	matrix spike, RPD	1/4/2022	Metal	Aluminum	Total	=	0.4	%	EPA 200.8	-88	-88	0	30	
2021/22-2	000NONPJ	matrix spike	1/4/2022	Metal	Aluminum	Total	=	128	µg/L	EPA 200.8	4.4	20			
2021/22-2	000NONPJ	matrix spike, rec	1/4/2022	Metal	Aluminum	Total	=	90	%	EPA 200.8	-88	-88	70	130	
2021/22-2	000NONPJ	matrix spike dup	1/4/2022	Metal	Aluminum	Total	=	127	µg/L	EPA 200.8	4.4	20			
2021/22-2	000NONPJ	matrix spike dup, rec	1/4/2022	Metal	Aluminum	Total	=	88	%	EPA 200.8	-88	-88	70	130	
2021/22-2	000NONPJ	matrix spike, RPD	1/4/2022	Metal	Aluminum	Total	=	0.8	%	EPA 200.8	-88	-88	0	30	
2021/22-2	Lab	method blank	1/4/2022	Metal	Aluminum	Total	DNQ	7.22	µg/L	EPA 200.8	4.4	20			IP
2021/22-2	Lab	LCS	1/4/2022	Metal	Aluminum	Total	=	48.4	µg/L	EPA 200.8	4.4	20			
2021/22-2	Lab	LCS, rec	1/4/2022	Metal	Aluminum	Total	=	97	%	EPA 200.8	-88	-88	85	115	
2021/22-2	Lab	method blank	1/17/2022	Metal	Aluminum	Total	<	4.4	µg/L	EPA 200.8	4.4	20			
2021/22-2	Lab	LCS	1/17/2022	Metal	Aluminum	Total	=	47.9	µg/L	EPA 200.8	4.4	20			
2021/22-2	Lab	LCS, rec	1/17/2022	Metal	Aluminum	Total	=	96	%	EPA 200.8	-88	-88	85	115	
2021/22-2	MO-FIL	matrix spike	1/17/2022	Metal	Aluminum	Total	=	1520	µg/L	EPA 200.8	4.4	20			CT,GB
2021/22-2	MO-FIL	matrix spike, rec	1/17/2022	Metal	Aluminum	Total	=	180	%	EPA 200.8	-88	-88	70	130	CT,GB
2021/22-2	MO-FIL	matrix spike dup	1/17/2022	Metal	Aluminum	Total	=	1560	µg/L	EPA 200.8	4.4	20			CT,GB
2021/22-2	MO-FIL	matrix spike dup, rec	1/17/2022	Metal	Aluminum	Total	=	250	%	EPA 200.8	-88	-88	70	130	CT,GB
2021/22-2	MO-FIL	matrix spike, RPD	1/17/2022	Metal	Aluminum	Total	=	2	%	EPA 200.8	-88	-88	0	30	CT,GB
2021/22-2	MO-THO	matrix spike	1/17/2022	Metal	Aluminum	Total	=	14000	µg/L	EPA 200.8	4.4	20			CT,GB
2021/22-2	MO-THO	matrix spike, rec	1/17/2022	Metal	Aluminum	Total	=	-960	%	EPA 200.8	-88	-88	70	130	CT,GB
2021/22-2	MO-THO	matrix spike dup	1/17/2022	Metal	Aluminum	Total	=	14500	µg/L	EPA 200.8	4.4	20			CT
2021/22-2	MO-THO	matrix spike dup, rec	1/17/2022	Metal	Aluminum	Total	=	79	%	EPA 200.8	-88	-88	70	130	CT
2021/22-2	MO-THO	matrix spike, RPD	1/17/2022	Metal	Aluminum	Total	=	4	%	EPA 200.8	-88	-88	0	30	CT
2021/22-2	Lab	method blank	1/4/2022	Metal	Antimony	Dissolved	<	0.089	µg/L	EPA 200.8	0.089	0.5			
2021/22-2	Lab	LCS	1/4/2022	Metal	Antimony	Dissolved	=	46.8	µg/L	EPA 200.8	0.089	0.5			
2021/22-2	Lab	LCS, rec	1/4/2022	Metal	Antimony	Dissolved	=	94	%	EPA 200.8	-88	-88	85	115	
2021/22-2	Lab	method blank	1/17/2022	Metal	Antimony	Dissolved	<	0.089	µg/L	EPA 200.8	0.089	0.5			
2021/22-2	Lab	LCS	1/17/2022	Metal	Antimony	Dissolved	=	49.9	µg/L	EPA 200.8	0.089	0.5			
2021/22-2	Lab	LCS, rec	1/17/2022	Metal	Antimony	Dissolved	=	100	%	EPA 200.8	-88	-88	85	115	
2021/22-2	000NONPJ	matrix spike	1/4/2022	Metal	Antimony	Total	=	48.6	µg/L	EPA 200.8	0.089	0.5			
2021/22-2	000NONPJ	matrix spike, rec	1/4/2022	Metal	Antimony	Total	=	96	%	EPA 200.8	-88	-88	70	130	
2021/22-2	000NONPJ	matrix spike dup	1/4/2022	Metal	Antimony	Total	=	48.7	µg/L	EPA 200.8	0.089	0.5			
2021/22-2	000NONPJ	matrix spike dup, rec	1/4/2022	Metal	Antimony	Total	=	96	%	EPA 200.8	-88	-88	70	130	
2021/22-2	000NONPJ	matrix spike, RPD	1/4/2022	Metal	Antimony	Total	=	0.2	%	EPA 200.8	-88	-88	0	30	
2021/22-2	000NONPJ	matrix spike	1/4/2022	Metal	Antimony	Total	=	48.4	µg/L	EPA 200.8	0.089	0.5			
2021/22-2	000NONPJ	matrix spike, rec	1/4/2022	Metal	Antimony	Total	=	96	%	EPA 200.8	-88	-88	70	130	
2021/22-2	000NONPJ	matrix spike dup	1/4/2022	Metal	Antimony	Total	=	48.1	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	
2021/22-2	000NONPJ	matrix spike dup, rec	1/4/2022	Metal	Antimony	Total	=	96	%	EPA 200.8	-88	-88	70	130	
2021/22-2	000NONPJ	matrix spike, RPD	1/4/2022	Metal	Antimony	Total	=	0.6	%	EPA 200.8	-88	-88	0	30	
2021/22-2	Lab	method blank	1/4/2022	Metal	Antimony	Total	<	0.089	µg/L	EPA 200.8	0.089	0.5			
2021/22-2	Lab	LCS	1/4/2022	Metal	Antimony	Total	=	46.8	µg/L	EPA 200.8	0.089	0.5			
2021/22-2	Lab	LCS, rec	1/4/2022	Metal	Antimony	Total	=	94	%	EPA 200.8	-88	-88	85	115	
2021/22-2	Lab	method blank	1/17/2022	Metal	Antimony	Total	<	0.089	µg/L	EPA 200.8	0.089	0.5			
2021/22-2	Lab	LCS	1/17/2022	Metal	Antimony	Total	=	49.9	µg/L	EPA 200.8	0.089	0.5			
2021/22-2	Lab	LCS, rec	1/17/2022	Metal	Antimony	Total	=	100	%	EPA 200.8	-88	-88	85	115	
2021/22-2	MO-FIL	matrix spike	1/17/2022	Metal	Antimony	Total	=	45.3	µg/L	EPA 200.8	0.089	0.5			
2021/22-2	MO-FIL	matrix spike, rec	1/17/2022	Metal	Antimony	Total	=	89	%	EPA 200.8	-88	-88	70	130	
2021/22-2	MO-FIL	matrix spike dup	1/17/2022	Metal	Antimony	Total	=	46.9	µg/L	EPA 200.8	0.089	0.5			
2021/22-2	MO-FIL	matrix spike dup, rec	1/17/2022	Metal	Antimony	Total	=	92	%	EPA 200.8	-88	-88	70	130	
2021/22-2	MO-FIL	matrix spike, RPD	1/17/2022	Metal	Antimony	Total	=	3	%	EPA 200.8	-88	-88	0	30	
2021/22-2	MO-THO	matrix spike	1/17/2022	Metal	Antimony	Total	=	26.4	µg/L	EPA 200.8	0.089	0.5			GB
2021/22-2	MO-THO	matrix spike, rec	1/17/2022	Metal	Antimony	Total	=	51	%	EPA 200.8	-88	-88	70	130	GB
2021/22-2	MO-THO	matrix spike dup	1/17/2022	Metal	Antimony	Total	=	31.9	µg/L	EPA 200.8	0.089	0.5			GB
2021/22-2	MO-THO	matrix spike dup, rec	1/17/2022	Metal	Antimony	Total	=	62	%	EPA 200.8	-88	-88	70	130	GB
2021/22-2	MO-THO	matrix spike, RPD	1/17/2022	Metal	Antimony	Total	=	19	%	EPA 200.8	-88	-88	0	30	GB
2021/22-2	Lab	method blank	1/4/2022	Metal	Arsenic	Dissolved	<	0.074	µg/L	EPA 200.8	0.074	0.4			
2021/22-2	Lab	LCS	1/4/2022	Metal	Arsenic	Dissolved	=	47.7	µg/L	EPA 200.8	0.074	0.4			
2021/22-2	Lab	LCS, rec	1/4/2022	Metal	Arsenic	Dissolved	=	95	%	EPA 200.8	-88	-88	85	115	
2021/22-2	Lab	method blank	1/17/2022	Metal	Arsenic	Dissolved	<	0.074	µg/L	EPA 200.8	0.074	0.4			
2021/22-2	Lab	LCS	1/17/2022	Metal	Arsenic	Dissolved	=	50.6	µg/L	EPA 200.8	0.074	0.4			
2021/22-2	Lab	LCS, rec	1/17/2022	Metal	Arsenic	Dissolved	=	101	%	EPA 200.8	-88	-88	85	115	
2021/22-2	000NONPJ	matrix spike	1/4/2022	Metal	Arsenic	Total	=	50	µg/L	EPA 200.8	0.074	0.4			
2021/22-2	000NONPJ	matrix spike, rec	1/4/2022	Metal	Arsenic	Total	=	97	%	EPA 200.8	-88	-88	70	130	
2021/22-2	000NONPJ	matrix spike dup	1/4/2022	Metal	Arsenic	Total	=	49.3	µg/L	EPA 200.8	0.074	0.4			
2021/22-2	000NONPJ	matrix spike dup, rec	1/4/2022	Metal	Arsenic	Total	=	95	%	EPA 200.8	-88	-88	70	130	
2021/22-2	000NONPJ	matrix spike, RPD	1/4/2022	Metal	Arsenic	Total	=	1	%	EPA 200.8	-88	-88	0	30	
2021/22-2	000NONPJ	matrix spike	1/4/2022	Metal	Arsenic	Total	=	50.4	µg/L	EPA 200.8	0.074	0.4			
2021/22-2	000NONPJ	matrix spike, rec	1/4/2022	Metal	Arsenic	Total	=	97	%	EPA 200.8	-88	-88	70	130	
2021/22-2	000NONPJ	matrix spike dup	1/4/2022	Metal	Arsenic	Total	=	50.1	µg/L	EPA 200.8	0.074	0.4			
2021/22-2	000NONPJ	matrix spike dup, rec	1/4/2022	Metal	Arsenic	Total	=	96	%	EPA 200.8	-88	-88	70	130	
2021/22-2	000NONPJ	matrix spike, RPD	1/4/2022	Metal	Arsenic	Total	=	0.6	%	EPA 200.8	-88	-88	0	30	
2021/22-2	Lab	method blank	1/4/2022	Metal	Arsenic	Total	<	0.074	µg/L	EPA 200.8	0.074	0.4			
2021/22-2	Lab	LCS	1/4/2022	Metal	Arsenic	Total	=	47.7	µg/L	EPA 200.8	0.074	0.4			
2021/22-2	Lab	LCS, rec	1/4/2022	Metal	Arsenic	Total	=	95	%	EPA 200.8	-88	-88	85	115	
2021/22-2	Lab	method blank	1/17/2022	Metal	Arsenic	Total	<	0.074	µg/L	EPA 200.8	0.074	0.4			
2021/22-2	Lab	LCS	1/17/2022	Metal	Arsenic	Total	=	50.6	µg/L	EPA 200.8	0.074	0.4			
2021/22-2	Lab	LCS, rec	1/17/2022	Metal	Arsenic	Total	=	101	%	EPA 200.8	-88	-88	85	115	
2021/22-2	MO-FIL	matrix spike	1/17/2022	Metal	Arsenic	Total	=	48.9	µg/L	EPA 200.8	0.074	0.4			
2021/22-2	MO-FIL	matrix spike, rec	1/17/2022	Metal	Arsenic	Total	=	95	%	EPA 200.8	-88	-88	70	130	
2021/22-2	MO-FIL	matrix spike dup	1/17/2022	Metal	Arsenic	Total	=	50.6	µg/L	EPA 200.8	0.074	0.4			
2021/22-2	MO-FIL	matrix spike dup, rec	1/17/2022	Metal	Arsenic	Total	=	98	%	EPA 200.8	-88	-88	70	130	
2021/22-2	MO-FIL	matrix spike, RPD	1/17/2022	Metal	Arsenic	Total	=	3	%	EPA 200.8	-88	-88	0	30	
2021/22-2	MO-THO	matrix spike	1/17/2022	Metal	Arsenic	Total	=	53.5	µg/L	EPA 200.8	0.074	0.4			
2021/22-2	MO-THO	matrix spike, rec	1/17/2022	Metal	Arsenic	Total	=	97	%	EPA 200.8	-88	-88	70	130	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2021/22-2	MO-THO	matrix spike dup	1/17/2022	Metal	Arsenic	Total	=	54.4	µg/L	EPA 200.8	0.074	0.4			
2021/22-2	MO-THO	matrix spike dup, rec	1/17/2022	Metal	Arsenic	Total	=	99	%	EPA 200.8	-88	-88	70	130	
2021/22-2	MO-THO	matrix spike, RPD	1/17/2022	Metal	Arsenic	Total	=	2	%	EPA 200.8	-88	-88	0	30	
2021/22-2	000NONPJ	matrix spike	1/4/2022	Metal	Barium	Total	=	52.4	µg/L	EPA 200.8	0.14	1			
2021/22-2	000NONPJ	matrix spike, rec	1/4/2022	Metal	Barium	Total	=	95	%	EPA 200.8	-88	-88	70	130	
2021/22-2	000NONPJ	matrix spike dup	1/4/2022	Metal	Barium	Total	=	53	µg/L	EPA 200.8	0.14	1			
2021/22-2	000NONPJ	matrix spike dup, rec	1/4/2022	Metal	Barium	Total	=	96	%	EPA 200.8	-88	-88	70	130	
2021/22-2	000NONPJ	matrix spike, RPD	1/4/2022	Metal	Barium	Total	=	1	%	EPA 200.8	-88	-88	0	30	
2021/22-2	000NONPJ	matrix spike	1/4/2022	Metal	Barium	Total	=	107	µg/L	EPA 200.8	0.14	1			
2021/22-2	000NONPJ	matrix spike, rec	1/4/2022	Metal	Barium	Total	=	93	%	EPA 200.8	-88	-88	70	130	
2021/22-2	000NONPJ	matrix spike dup	1/4/2022	Metal	Barium	Total	=	109	µg/L	EPA 200.8	0.14	1			
2021/22-2	000NONPJ	matrix spike dup, rec	1/4/2022	Metal	Barium	Total	=	96	%	EPA 200.8	-88	-88	70	130	
2021/22-2	000NONPJ	matrix spike, RPD	1/4/2022	Metal	Barium	Total	=	1	%	EPA 200.8	-88	-88	0	30	
2021/22-2	Lab	method blank	1/4/2022	Metal	Barium	Total	<	0.14	µg/L	EPA 200.8	0.14	1			
2021/22-2	Lab	LCS	1/4/2022	Metal	Barium	Total	=	47.3	µg/L	EPA 200.8	0.14	1			
2021/22-2	Lab	LCS, rec	1/4/2022	Metal	Barium	Total	=	95	%	EPA 200.8	-88	-88	85	115	
2021/22-2	Lab	method blank	1/17/2022	Metal	Barium	Total	<	0.14	µg/L	EPA 200.8	0.14	1			
2021/22-2	Lab	LCS	1/17/2022	Metal	Barium	Total	=	49.8	µg/L	EPA 200.8	0.14	1			
2021/22-2	Lab	LCS, rec	1/17/2022	Metal	Barium	Total	=	100	%	EPA 200.8	-88	-88	85	115	
2021/22-2	MO-FIL	matrix spike	1/17/2022	Metal	Barium	Total	=	87.1	µg/L	EPA 200.8	0.14	1			
2021/22-2	MO-FIL	matrix spike, rec	1/17/2022	Metal	Barium	Total	=	98	%	EPA 200.8	-88	-88	70	130	
2021/22-2	MO-FIL	matrix spike dup	1/17/2022	Metal	Barium	Total	=	89.3	µg/L	EPA 200.8	0.14	1			
2021/22-2	MO-FIL	matrix spike dup, rec	1/17/2022	Metal	Barium	Total	=	102	%	EPA 200.8	-88	-88	70	130	
2021/22-2	MO-FIL	matrix spike, RPD	1/17/2022	Metal	Barium	Total	=	3	%	EPA 200.8	-88	-88	0	30	
2021/22-2	MO-THO	matrix spike	1/17/2022	Metal	Barium	Total	=	144	µg/L	EPA 200.8	0.14	1			
2021/22-2	MO-THO	matrix spike, rec	1/17/2022	Metal	Barium	Total	=	102	%	EPA 200.8	-88	-88	70	130	
2021/22-2	MO-THO	matrix spike dup	1/17/2022	Metal	Barium	Total	=	147	µg/L	EPA 200.8	0.14	1			
2021/22-2	MO-THO	matrix spike dup, rec	1/17/2022	Metal	Barium	Total	=	107	%	EPA 200.8	-88	-88	70	130	
2021/22-2	MO-THO	matrix spike, RPD	1/17/2022	Metal	Barium	Total	=	2	%	EPA 200.8	-88	-88	0	30	
2021/22-2	Lab	method blank	1/4/2022	Metal	Beryllium	Dissolved	<	0.062	µg/L	EPA 200.8	0.062	0.1			
2021/22-2	Lab	LCS	1/4/2022	Metal	Beryllium	Dissolved	=	44.4	µg/L	EPA 200.8	0.062	0.1			
2021/22-2	Lab	LCS, rec	1/4/2022	Metal	Beryllium	Dissolved	=	89	%	EPA 200.8	-88	-88	85	115	
2021/22-2	Lab	method blank	1/17/2022	Metal	Beryllium	Dissolved	<	0.062	µg/L	EPA 200.8	0.062	0.1			
2021/22-2	Lab	LCS	1/17/2022	Metal	Beryllium	Dissolved	=	50.4	µg/L	EPA 200.8	0.062	0.1			
2021/22-2	Lab	LCS, rec	1/17/2022	Metal	Beryllium	Dissolved	=	101	%	EPA 200.8	-88	-88	85	115	
2021/22-2	000NONPJ	matrix spike	1/4/2022	Metal	Beryllium	Total	=	47.9	µg/L	EPA 200.8	0.062	0.1			
2021/22-2	000NONPJ	matrix spike, rec	1/4/2022	Metal	Beryllium	Total	=	96	%	EPA 200.8	-88	-88	70	130	
2021/22-2	000NONPJ	matrix spike dup	1/4/2022	Metal	Beryllium	Total	=	48.4	µg/L	EPA 200.8	0.062	0.1			
2021/22-2	000NONPJ	matrix spike dup, rec	1/4/2022	Metal	Beryllium	Total	=	97	%	EPA 200.8	-88	-88	70	130	
2021/22-2	000NONPJ	matrix spike, RPD	1/4/2022	Metal	Beryllium	Total	=	1	%	EPA 200.8	-88	-88	0	30	
2021/22-2	000NONPJ	matrix spike	1/4/2022	Metal	Beryllium	Total	=	47.1	µg/L	EPA 200.8	0.062	0.1			
2021/22-2	000NONPJ	matrix spike, rec	1/4/2022	Metal	Beryllium	Total	=	94	%	EPA 200.8	-88	-88	70	130	
2021/22-2	000NONPJ	matrix spike dup	1/4/2022	Metal	Beryllium	Total	=	47.1	µg/L	EPA 200.8	0.062	0.1			
2021/22-2	000NONPJ	matrix spike dup, rec	1/4/2022	Metal	Beryllium	Total	=	94	%	EPA 200.8	-88	-88	70	130	
2021/22-2	000NONPJ	matrix spike, RPD	1/4/2022	Metal	Beryllium	Total	=	0.02	%	EPA 200.8	-88	-88	0	30	
2021/22-2	Lab	method blank	1/4/2022	Metal	Beryllium	Total	<	0.062	µg/L	EPA 200.8	0.062	0.1			
2021/22-2	Lab	LCS	1/4/2022	Metal	Beryllium	Total	=	44.4	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	
2021/22-2	Lab	LCS, rec	1/4/2022	Metal	Beryllium	Total	=	89	%	EPA 200.8	-88	-88	85	115	
2021/22-2	Lab	method blank	1/17/2022	Metal	Beryllium	Total	<	0.062	µg/L	EPA 200.8	0.062	0.1			
2021/22-2	Lab	LCS	1/17/2022	Metal	Beryllium	Total	=	50.4	µg/L	EPA 200.8	0.062	0.1			
2021/22-2	Lab	LCS, rec	1/17/2022	Metal	Beryllium	Total	=	101	%	EPA 200.8	-88	-88	85	115	
2021/22-2	MO-FIL	matrix spike	1/17/2022	Metal	Beryllium	Total	=	51.3	µg/L	EPA 200.8	0.062	0.1			
2021/22-2	MO-FIL	matrix spike, rec	1/17/2022	Metal	Beryllium	Total	=	103	%	EPA 200.8	-88	-88	70	130	
2021/22-2	MO-FIL	matrix spike dup	1/17/2022	Metal	Beryllium	Total	=	51.6	µg/L	EPA 200.8	0.062	0.1			
2021/22-2	MO-FIL	matrix spike dup, rec	1/17/2022	Metal	Beryllium	Total	=	103	%	EPA 200.8	-88	-88	70	130	
2021/22-2	MO-FIL	matrix spike, RPD	1/17/2022	Metal	Beryllium	Total	=	0.6	%	EPA 200.8	-88	-88	0	30	
2021/22-2	MO-THO	matrix spike	1/17/2022	Metal	Beryllium	Total	=	49.6	µg/L	EPA 200.8	0.062	0.1			
2021/22-2	MO-THO	matrix spike, rec	1/17/2022	Metal	Beryllium	Total	=	98	%	EPA 200.8	-88	-88	70	130	
2021/22-2	MO-THO	matrix spike dup	1/17/2022	Metal	Beryllium	Total	=	49.7	µg/L	EPA 200.8	0.062	0.1			
2021/22-2	MO-THO	matrix spike dup, rec	1/17/2022	Metal	Beryllium	Total	=	99	%	EPA 200.8	-88	-88	70	130	
2021/22-2	MO-THO	matrix spike, RPD	1/17/2022	Metal	Beryllium	Total	=	0.3	%	EPA 200.8	-88	-88	0	30	
2021/22-2	Lab	method blank	1/4/2022	Metal	Cadmium	Dissolved	<	0.042	µg/L	EPA 200.8	0.042	0.2			
2021/22-2	Lab	LCS	1/4/2022	Metal	Cadmium	Dissolved	=	47.6	µg/L	EPA 200.8	0.042	0.2			
2021/22-2	Lab	LCS, rec	1/4/2022	Metal	Cadmium	Dissolved	=	95	%	EPA 200.8	-88	-88	85	115	
2021/22-2	Lab	method blank	1/17/2022	Metal	Cadmium	Dissolved	<	0.042	µg/L	EPA 200.8	0.042	0.2			
2021/22-2	Lab	LCS	1/17/2022	Metal	Cadmium	Dissolved	=	50.4	µg/L	EPA 200.8	0.042	0.2			
2021/22-2	Lab	LCS, rec	1/17/2022	Metal	Cadmium	Dissolved	=	101	%	EPA 200.8	-88	-88	85	115	
2021/22-2	000NONPJ	matrix spike	1/4/2022	Metal	Cadmium	Total	=	46.3	µg/L	EPA 200.8	0.042	0.2			
2021/22-2	000NONPJ	matrix spike, rec	1/4/2022	Metal	Cadmium	Total	=	92	%	EPA 200.8	-88	-88	70	130	
2021/22-2	000NONPJ	matrix spike dup	1/4/2022	Metal	Cadmium	Total	=	46.5	µg/L	EPA 200.8	0.042	0.2			
2021/22-2	000NONPJ	matrix spike dup, rec	1/4/2022	Metal	Cadmium	Total	=	93	%	EPA 200.8	-88	-88	70	130	
2021/22-2	000NONPJ	matrix spike, RPD	1/4/2022	Metal	Cadmium	Total	=	0.6	%	EPA 200.8	-88	-88	0	30	
2021/22-2	000NONPJ	matrix spike	1/4/2022	Metal	Cadmium	Total	=	47.5	µg/L	EPA 200.8	0.042	0.2			
2021/22-2	000NONPJ	matrix spike, rec	1/4/2022	Metal	Cadmium	Total	=	94	%	EPA 200.8	-88	-88	70	130	
2021/22-2	000NONPJ	matrix spike dup	1/4/2022	Metal	Cadmium	Total	=	47.9	µg/L	EPA 200.8	0.042	0.2			
2021/22-2	000NONPJ	matrix spike dup, rec	1/4/2022	Metal	Cadmium	Total	=	95	%	EPA 200.8	-88	-88	70	130	
2021/22-2	000NONPJ	matrix spike, RPD	1/4/2022	Metal	Cadmium	Total	=	0.9	%	EPA 200.8	-88	-88	0	30	
2021/22-2	Lab	method blank	1/4/2022	Metal	Cadmium	Total	<	0.042	µg/L	EPA 200.8	0.042	0.2			
2021/22-2	Lab	LCS	1/4/2022	Metal	Cadmium	Total	=	47.6	µg/L	EPA 200.8	0.042	0.2			
2021/22-2	Lab	LCS, rec	1/4/2022	Metal	Cadmium	Total	=	95	%	EPA 200.8	-88	-88	85	115	
2021/22-2	Lab	method blank	1/17/2022	Metal	Cadmium	Total	<	0.042	µg/L	EPA 200.8	0.042	0.2			
2021/22-2	Lab	LCS	1/17/2022	Metal	Cadmium	Total	=	50.4	µg/L	EPA 200.8	0.042	0.2			
2021/22-2	Lab	LCS, rec	1/17/2022	Metal	Cadmium	Total	=	101	%	EPA 200.8	-88	-88	85	115	
2021/22-2	MO-FIL	matrix spike	1/17/2022	Metal	Cadmium	Total	=	48.6	µg/L	EPA 200.8	0.042	0.2			
2021/22-2	MO-FIL	matrix spike, rec	1/17/2022	Metal	Cadmium	Total	=	96	%	EPA 200.8	-88	-88	70	130	
2021/22-2	MO-FIL	matrix spike dup	1/17/2022	Metal	Cadmium	Total	=	50.2	µg/L	EPA 200.8	0.042	0.2			
2021/22-2	MO-FIL	matrix spike dup, rec	1/17/2022	Metal	Cadmium	Total	=	99	%	EPA 200.8	-88	-88	70	130	
2021/22-2	MO-FIL	matrix spike, RPD	1/17/2022	Metal	Cadmium	Total	=	3	%	EPA 200.8	-88	-88	0	30	
2021/22-2	MO-THO	matrix spike	1/17/2022	Metal	Cadmium	Total	=	51	µg/L	EPA 200.8	0.042	0.2			
2021/22-2	MO-THO	matrix spike, rec	1/17/2022	Metal	Cadmium	Total	=	100	%	EPA 200.8	-88	-88	70	130	
2021/22-2	MO-THO	matrix spike dup	1/17/2022	Metal	Cadmium	Total	=	51.2	µg/L	EPA 200.8	0.042	0.2			
2021/22-2	MO-THO	matrix spike dup, rec	1/17/2022	Metal	Cadmium	Total	=	100	%	EPA 200.8	-88	-88	70	130	
2021/22-2	MO-THO	matrix spike, RPD	1/17/2022	Metal	Cadmium	Total	=	0.4	%	EPA 200.8	-88	-88	0	30	
2021/22-2	Lab	method blank	1/4/2022	Metal	Chromium	Dissolved	<	0.089	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	
2021/22-2	Lab	LCS	1/4/2022	Metal	Chromium	Dissolved	=	48.5	µg/L	EPA 200.8	0.089	0.2			
2021/22-2	Lab	LCS, rec	1/4/2022	Metal	Chromium	Dissolved	=	97	%	EPA 200.8	-88	-88	85	115	
2021/22-2	Lab	method blank	1/17/2022	Metal	Chromium	Dissolved	<	0.089	µg/L	EPA 200.8	0.089	0.2			
2021/22-2	Lab	LCS	1/17/2022	Metal	Chromium	Dissolved	=	51.4	µg/L	EPA 200.8	0.089	0.2			
2021/22-2	Lab	LCS, rec	1/17/2022	Metal	Chromium	Dissolved	=	103	%	EPA 200.8	-88	-88	85	115	
2021/22-2	000NONPJ	matrix spike	1/4/2022	Metal	Chromium	Total	=	273	µg/L	EPA 200.8	0.089	0.2			
2021/22-2	000NONPJ	matrix spike, rec	1/4/2022	Metal	Chromium	Total	=	85	%	EPA 200.8	-88	-88	70	130	
2021/22-2	000NONPJ	matrix spike dup	1/4/2022	Metal	Chromium	Total	=	273	µg/L	EPA 200.8	0.089	0.2			
2021/22-2	000NONPJ	matrix spike dup, rec	1/4/2022	Metal	Chromium	Total	=	85	%	EPA 200.8	-88	-88	70	130	
2021/22-2	000NONPJ	matrix spike, RPD	1/4/2022	Metal	Chromium	Total	=	0.003	%	EPA 200.8	-88	-88	0	30	
2021/22-2	000NONPJ	matrix spike	1/4/2022	Metal	Chromium	Total	=	49.7	µg/L	EPA 200.8	0.089	0.2			
2021/22-2	000NONPJ	matrix spike, rec	1/4/2022	Metal	Chromium	Total	=	99	%	EPA 200.8	-88	-88	70	130	
2021/22-2	000NONPJ	matrix spike dup	1/4/2022	Metal	Chromium	Total	=	49.7	µg/L	EPA 200.8	0.089	0.2			
2021/22-2	000NONPJ	matrix spike dup, rec	1/4/2022	Metal	Chromium	Total	=	99	%	EPA 200.8	-88	-88	70	130	
2021/22-2	000NONPJ	matrix spike, RPD	1/4/2022	Metal	Chromium	Total	=	0.1	%	EPA 200.8	-88	-88	0	30	
2021/22-2	Lab	method blank	1/4/2022	Metal	Chromium	Total	<	0.089	µg/L	EPA 200.8	0.089	0.2			
2021/22-2	Lab	LCS	1/4/2022	Metal	Chromium	Total	=	48.5	µg/L	EPA 200.8	0.089	0.2			
2021/22-2	Lab	LCS, rec	1/4/2022	Metal	Chromium	Total	=	97	%	EPA 200.8	-88	-88	85	115	
2021/22-2	Lab	method blank	1/17/2022	Metal	Chromium	Total	<	0.089	µg/L	EPA 200.8	0.089	0.2			
2021/22-2	Lab	LCS	1/17/2022	Metal	Chromium	Total	=	51.4	µg/L	EPA 200.8	0.089	0.2			
2021/22-2	Lab	LCS, rec	1/17/2022	Metal	Chromium	Total	=	103	%	EPA 200.8	-88	-88	85	115	
2021/22-2	MO-FIL	matrix spike	1/17/2022	Metal	Chromium	Total	=	54.1	µg/L	EPA 200.8	0.089	0.2			
2021/22-2	MO-FIL	matrix spike, rec	1/17/2022	Metal	Chromium	Total	=	97	%	EPA 200.8	-88	-88	70	130	
2021/22-2	MO-FIL	matrix spike dup	1/17/2022	Metal	Chromium	Total	=	56	µg/L	EPA 200.8	0.089	0.2			
2021/22-2	MO-FIL	matrix spike dup, rec	1/17/2022	Metal	Chromium	Total	=	101	%	EPA 200.8	-88	-88	70	130	
2021/22-2	MO-FIL	matrix spike, RPD	1/17/2022	Metal	Chromium	Total	=	4	%	EPA 200.8	-88	-88	0	30	
2021/22-2	MO-THO	matrix spike	1/17/2022	Metal	Chromium	Total	=	85.1	µg/L	EPA 200.8	0.089	0.2			
2021/22-2	MO-THO	matrix spike, rec	1/17/2022	Metal	Chromium	Total	=	94	%	EPA 200.8	-88	-88	70	130	
2021/22-2	MO-THO	matrix spike dup	1/17/2022	Metal	Chromium	Total	=	87.1	µg/L	EPA 200.8	0.089	0.2			
2021/22-2	MO-THO	matrix spike dup, rec	1/17/2022	Metal	Chromium	Total	=	98	%	EPA 200.8	-88	-88	70	130	
2021/22-2	MO-THO	matrix spike, RPD	1/17/2022	Metal	Chromium	Total	=	2	%	EPA 200.8	-88	-88	0	30	
2021/22-2	000NONPJ	matrix spike	12/20/2021	Metal	Chromium VI	n/a	=	6.99	µg/L	EPA 218.6	0.0079	0.02			
2021/22-2	000NONPJ	matrix spike, rec	12/20/2021	Metal	Chromium VI	n/a	=	100	%	EPA 218.6	-88	-88	88	112	
2021/22-2	000NONPJ	matrix spike dup	12/20/2021	Metal	Chromium VI	n/a	=	7.13	µg/L	EPA 218.6	0.0079	0.02			
2021/22-2	000NONPJ	matrix spike dup, rec	12/20/2021	Metal	Chromium VI	n/a	=	103	%	EPA 218.6	-88	-88	88	112	
2021/22-2	000NONPJ	matrix spike, RPD	12/20/2021	Metal	Chromium VI	n/a	=	2	%	EPA 218.6	-88	-88	0	10	
2021/22-2	000NONPJ	matrix spike	12/20/2021	Metal	Chromium VI	n/a	=	8.91	µg/L	EPA 218.6	0.0079	0.02			
2021/22-2	000NONPJ	matrix spike, rec	12/20/2021	Metal	Chromium VI	n/a	=	105	%	EPA 218.6	-88	-88	88	112	
2021/22-2	000NONPJ	matrix spike dup	12/20/2021	Metal	Chromium VI	n/a	=	8.99	µg/L	EPA 218.6	0.0079	0.02			
2021/22-2	000NONPJ	matrix spike dup, rec	12/20/2021	Metal	Chromium VI	n/a	=	107	%	EPA 218.6	-88	-88	88	112	
2021/22-2	000NONPJ	matrix spike, RPD	12/20/2021	Metal	Chromium VI	n/a	=	0.9	%	EPA 218.6	-88	-88	0	10	
2021/22-2	Lab	method blank	12/20/2021	Metal	Chromium VI	n/a	<	0.0079	µg/L	EPA 218.6	0.0079	0.02			
2021/22-2	Lab	LCS	12/20/2021	Metal	Chromium VI	n/a	=	5.15	µg/L	EPA 218.6	0.0079	0.02			
2021/22-2	Lab	LCS, rec	12/20/2021	Metal	Chromium VI	n/a	=	103	%	EPA 218.6	-88	-88	90	110	
2021/22-2	Lab	method blank	1/4/2022	Metal	Copper	Dissolved	<	0.23	µg/L	EPA 200.8	0.23	0.5			
2021/22-2	Lab	LCS	1/4/2022	Metal	Copper	Dissolved	=	50.2	µg/L	EPA 200.8	0.23	0.5			
2021/22-2	Lab	LCS, rec	1/4/2022	Metal	Copper	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	
2021/22-2	Lab	method blank	1/17/2022	Metal	Copper	Dissolved	<	0.23	µg/L	EPA 200.8	0.23	0.5			
2021/22-2	Lab	LCS	1/17/2022	Metal	Copper	Dissolved	=	53.6	µg/L	EPA 200.8	0.23	0.5			
2021/22-2	Lab	LCS, rec	1/17/2022	Metal	Copper	Dissolved	=	107	%	EPA 200.8	-88	-88	85	115	
2021/22-2	000NONPJ	matrix spike	1/4/2022	Metal	Copper	Total	=	64.5	µg/L	EPA 200.8	0.23	0.5			
2021/22-2	000NONPJ	matrix spike, rec	1/4/2022	Metal	Copper	Total	=	93	%	EPA 200.8	-88	-88	70	130	
2021/22-2	000NONPJ	matrix spike dup	1/4/2022	Metal	Copper	Total	=	64.1	µg/L	EPA 200.8	0.23	0.5			
2021/22-2	000NONPJ	matrix spike dup, rec	1/4/2022	Metal	Copper	Total	=	92	%	EPA 200.8	-88	-88	70	130	
2021/22-2	000NONPJ	matrix spike, RPD	1/4/2022	Metal	Copper	Total	=	0.5	%	EPA 200.8	-88	-88	0	30	
2021/22-2	000NONPJ	matrix spike	1/4/2022	Metal	Copper	Total	=	66	µg/L	EPA 200.8	0.23	0.5			
2021/22-2	000NONPJ	matrix spike, rec	1/4/2022	Metal	Copper	Total	=	100	%	EPA 200.8	-88	-88	70	130	
2021/22-2	000NONPJ	matrix spike dup	1/4/2022	Metal	Copper	Total	=	65.3	µg/L	EPA 200.8	0.23	0.5			
2021/22-2	000NONPJ	matrix spike dup, rec	1/4/2022	Metal	Copper	Total	=	99	%	EPA 200.8	-88	-88	70	130	
2021/22-2	000NONPJ	matrix spike, RPD	1/4/2022	Metal	Copper	Total	=	1	%	EPA 200.8	-88	-88	0	30	
2021/22-2	Lab	method blank	1/4/2022	Metal	Copper	Total	<	0.23	µg/L	EPA 200.8	0.23	0.5			
2021/22-2	Lab	LCS	1/4/2022	Metal	Copper	Total	=	50.2	µg/L	EPA 200.8	0.23	0.5			
2021/22-2	Lab	LCS, rec	1/4/2022	Metal	Copper	Total	=	101	%	EPA 200.8	-88	-88	85	115	
2021/22-2	Lab	method blank	1/17/2022	Metal	Copper	Total	<	0.23	µg/L	EPA 200.8	0.23	0.5			
2021/22-2	Lab	LCS	1/17/2022	Metal	Copper	Total	=	53.6	µg/L	EPA 200.8	0.23	0.5			
2021/22-2	Lab	LCS, rec	1/17/2022	Metal	Copper	Total	=	107	%	EPA 200.8	-88	-88	85	115	
2021/22-2	MO-FIL	matrix spike	1/17/2022	Metal	Copper	Total	=	66.3	µg/L	EPA 200.8	0.23	0.5			
2021/22-2	MO-FIL	matrix spike, rec	1/17/2022	Metal	Copper	Total	=	101	%	EPA 200.8	-88	-88	70	130	
2021/22-2	MO-FIL	matrix spike dup	1/17/2022	Metal	Copper	Total	=	68.7	µg/L	EPA 200.8	0.23	0.5			
2021/22-2	MO-FIL	matrix spike dup, rec	1/17/2022	Metal	Copper	Total	=	106	%	EPA 200.8	-88	-88	70	130	
2021/22-2	MO-FIL	matrix spike, RPD	1/17/2022	Metal	Copper	Total	=	4	%	EPA 200.8	-88	-88	0	30	
2021/22-2	MO-THO	matrix spike	1/17/2022	Metal	Copper	Total	=	80.3	µg/L	EPA 200.8	0.23	0.5			
2021/22-2	MO-THO	matrix spike, rec	1/17/2022	Metal	Copper	Total	=	96	%	EPA 200.8	-88	-88	70	130	
2021/22-2	MO-THO	matrix spike dup	1/17/2022	Metal	Copper	Total	=	81	µg/L	EPA 200.8	0.23	0.5			
2021/22-2	MO-THO	matrix spike dup, rec	1/17/2022	Metal	Copper	Total	=	98	%	EPA 200.8	-88	-88	70	130	
2021/22-2	MO-THO	matrix spike, RPD	1/17/2022	Metal	Copper	Total	=	0.9	%	EPA 200.8	-88	-88	0	30	
2021/22-2	Lab	method blank	1/4/2022	Metal	Iron	Dissolved	<	3.9	µg/L	EPA 200.8	3.9	20			
2021/22-2	Lab	LCS	1/4/2022	Metal	Iron	Dissolved	=	1100	µg/L	EPA 200.8	3.9	20			
2021/22-2	Lab	LCS, rec	1/4/2022	Metal	Iron	Dissolved	=	105	%	EPA 200.8	-88	-88	85	115	
2021/22-2	Lab	method blank	1/17/2022	Metal	Iron	Dissolved	<	3.9	µg/L	EPA 200.8	3.9	20			
2021/22-2	Lab	LCS	1/17/2022	Metal	Iron	Dissolved	=	1100	µg/L	EPA 200.8	3.9	20			
2021/22-2	Lab	LCS, rec	1/17/2022	Metal	Iron	Dissolved	=	104	%	EPA 200.8	-88	-88	85	115	
2021/22-2	000NONPJ	matrix spike	1/4/2022	Metal	Iron	Total	=	2240	µg/L	EPA 200.8	3.9	20			
2021/22-2	000NONPJ	matrix spike, rec	1/4/2022	Metal	Iron	Total	=	100	%	EPA 200.8	-88	-88	70	130	
2021/22-2	000NONPJ	matrix spike dup	1/4/2022	Metal	Iron	Total	=	2230	µg/L	EPA 200.8	3.9	20			
2021/22-2	000NONPJ	matrix spike dup, rec	1/4/2022	Metal	Iron	Total	=	99	%	EPA 200.8	-88	-88	70	130	
2021/22-2	000NONPJ	matrix spike, RPD	1/4/2022	Metal	Iron	Total	=	0.3	%	EPA 200.8	-88	-88	0	30	
2021/22-2	000NONPJ	matrix spike	1/4/2022	Metal	Iron	Total	=	1200	µg/L	EPA 200.8	3.9	20			
2021/22-2	000NONPJ	matrix spike, rec	1/4/2022	Metal	Iron	Total	=	107	%	EPA 200.8	-88	-88	70	130	
2021/22-2	000NONPJ	matrix spike dup	1/4/2022	Metal	Iron	Total	=	1190	µg/L	EPA 200.8	3.9	20			
2021/22-2	000NONPJ	matrix spike dup, rec	1/4/2022	Metal	Iron	Total	=	106	%	EPA 200.8	-88	-88	70	130	
2021/22-2	000NONPJ	matrix spike, RPD	1/4/2022	Metal	Iron	Total	=	0.7	%	EPA 200.8	-88	-88	0	30	
2021/22-2	Lab	method blank	1/4/2022	Metal	Iron	Total	<	3.9	µg/L	EPA 200.8	3.9	20			
2021/22-2	Lab	LCS	1/4/2022	Metal	Iron	Total	=	1100	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	
2021/22-2	Lab	LCS, rec	1/4/2022	Metal	Iron	Total	=	105	%	EPA 200.8	-88	-88	85	115	
2021/22-2	Lab	method blank	1/17/2022	Metal	Iron	Total	<	3.9	µg/L	EPA 200.8	3.9	20			
2021/22-2	Lab	LCS	1/17/2022	Metal	Iron	Total	=	1100	µg/L	EPA 200.8	3.9	20			
2021/22-2	Lab	LCS, rec	1/17/2022	Metal	Iron	Total	=	104	%	EPA 200.8	-88	-88	85	115	
2021/22-2	MO-FIL	matrix spike	1/17/2022	Metal	Iron	Total	=	3370	µg/L	EPA 200.8	3.9	20			
2021/22-2	MO-FIL	matrix spike, rec	1/17/2022	Metal	Iron	Total	=	103	%	EPA 200.8	-88	-88	70	130	
2021/22-2	MO-FIL	matrix spike dup	1/17/2022	Metal	Iron	Total	=	3450	µg/L	EPA 200.8	3.9	20			
2021/22-2	MO-FIL	matrix spike dup, rec	1/17/2022	Metal	Iron	Total	=	111	%	EPA 200.8	-88	-88	70	130	
2021/22-2	MO-FIL	matrix spike, RPD	1/17/2022	Metal	Iron	Total	=	2	%	EPA 200.8	-88	-88	0	30	
2021/22-2	MO-THO	matrix spike	1/17/2022	Metal	Iron	Total	=	20400	µg/L	EPA 200.8	3.9	20			CT,GB
2021/22-2	MO-THO	matrix spike, rec	1/17/2022	Metal	Iron	Total	=	-57	%	EPA 200.8	-88	-88	70	130	CT,GB
2021/22-2	MO-THO	matrix spike dup	1/17/2022	Metal	Iron	Total	=	20700	µg/L	EPA 200.8	3.9	20			CT,GB
2021/22-2	MO-THO	matrix spike dup, rec	1/17/2022	Metal	Iron	Total	=	-33	%	EPA 200.8	-88	-88	70	130	CT,GB
2021/22-2	MO-THO	matrix spike, RPD	1/17/2022	Metal	Iron	Total	=	1	%	EPA 200.8	-88	-88	0	30	CT,GB
2021/22-2	Lab	method blank	1/4/2022	Metal	Lead	Dissolved	<	0.083	µg/L	EPA 200.8	0.083	0.2			
2021/22-2	Lab	LCS	1/4/2022	Metal	Lead	Dissolved	=	46.6	µg/L	EPA 200.8	0.083	0.2			
2021/22-2	Lab	LCS, rec	1/4/2022	Metal	Lead	Dissolved	=	93	%	EPA 200.8	-88	-88	85	115	
2021/22-2	Lab	method blank	1/17/2022	Metal	Lead	Dissolved	<	0.083	µg/L	EPA 200.8	0.083	0.2			
2021/22-2	Lab	LCS	1/17/2022	Metal	Lead	Dissolved	=	48.9	µg/L	EPA 200.8	0.083	0.2			
2021/22-2	Lab	LCS, rec	1/17/2022	Metal	Lead	Dissolved	=	98	%	EPA 200.8	-88	-88	85	115	
2021/22-2	000NONPJ	matrix spike	1/4/2022	Metal	Lead	Total	=	47.5	µg/L	EPA 200.8	0.083	0.2			
2021/22-2	000NONPJ	matrix spike, rec	1/4/2022	Metal	Lead	Total	=	95	%	EPA 200.8	-88	-88	70	130	
2021/22-2	000NONPJ	matrix spike dup	1/4/2022	Metal	Lead	Total	=	47.8	µg/L	EPA 200.8	0.083	0.2			
2021/22-2	000NONPJ	matrix spike dup, rec	1/4/2022	Metal	Lead	Total	=	95	%	EPA 200.8	-88	-88	70	130	
2021/22-2	000NONPJ	matrix spike, RPD	1/4/2022	Metal	Lead	Total	=	0.6	%	EPA 200.8	-88	-88	0	30	
2021/22-2	000NONPJ	matrix spike	1/4/2022	Metal	Lead	Total	=	47.7	µg/L	EPA 200.8	0.083	0.2			
2021/22-2	000NONPJ	matrix spike, rec	1/4/2022	Metal	Lead	Total	=	95	%	EPA 200.8	-88	-88	70	130	
2021/22-2	000NONPJ	matrix spike dup	1/4/2022	Metal	Lead	Total	=	47.4	µg/L	EPA 200.8	0.083	0.2			
2021/22-2	000NONPJ	matrix spike dup, rec	1/4/2022	Metal	Lead	Total	=	94	%	EPA 200.8	-88	-88	70	130	
2021/22-2	000NONPJ	matrix spike, RPD	1/4/2022	Metal	Lead	Total	=	0.7	%	EPA 200.8	-88	-88	0	30	
2021/22-2	Lab	method blank	1/4/2022	Metal	Lead	Total	<	0.083	µg/L	EPA 200.8	0.083	0.2			
2021/22-2	Lab	LCS	1/4/2022	Metal	Lead	Total	=	46.6	µg/L	EPA 200.8	0.083	0.2			
2021/22-2	Lab	LCS, rec	1/4/2022	Metal	Lead	Total	=	93	%	EPA 200.8	-88	-88	85	115	
2021/22-2	Lab	method blank	1/17/2022	Metal	Lead	Total	<	0.083	µg/L	EPA 200.8	0.083	0.2			
2021/22-2	Lab	LCS	1/17/2022	Metal	Lead	Total	=	48.9	µg/L	EPA 200.8	0.083	0.2			
2021/22-2	Lab	LCS, rec	1/17/2022	Metal	Lead	Total	=	98	%	EPA 200.8	-88	-88	85	115	
2021/22-2	MO-FIL	matrix spike	1/17/2022	Metal	Lead	Total	=	49.8	µg/L	EPA 200.8	0.083	0.2			
2021/22-2	MO-FIL	matrix spike, rec	1/17/2022	Metal	Lead	Total	=	93	%	EPA 200.8	-88	-88	70	130	
2021/22-2	MO-FIL	matrix spike dup	1/17/2022	Metal	Lead	Total	=	51.2	µg/L	EPA 200.8	0.083	0.2			
2021/22-2	MO-FIL	matrix spike dup, rec	1/17/2022	Metal	Lead	Total	=	96	%	EPA 200.8	-88	-88	70	130	
2021/22-2	MO-FIL	matrix spike, RPD	1/17/2022	Metal	Lead	Total	=	3	%	EPA 200.8	-88	-88	0	30	
2021/22-2	MO-THO	matrix spike	1/17/2022	Metal	Lead	Total	=	58.1	µg/L	EPA 200.8	0.083	0.2			
2021/22-2	MO-THO	matrix spike, rec	1/17/2022	Metal	Lead	Total	=	97	%	EPA 200.8	-88	-88	70	130	
2021/22-2	MO-THO	matrix spike dup	1/17/2022	Metal	Lead	Total	=	58	µg/L	EPA 200.8	0.083	0.2			
2021/22-2	MO-THO	matrix spike dup, rec	1/17/2022	Metal	Lead	Total	=	97	%	EPA 200.8	-88	-88	70	130	
2021/22-2	MO-THO	matrix spike, RPD	1/17/2022	Metal	Lead	Total	=	0.2	%	EPA 200.8	-88	-88	0	30	
2021/22-2	000NONPJ	matrix spike	12/28/2021	Metal	Mercury	Dissolved	=	986	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	
2021/22-2	000NONPJ	matrix spike, rec	12/28/2021	Metal	Mercury	Dissolved	=	99	%	EPA 245.1	-88	-88	70	130	
2021/22-2	000NONPJ	matrix spike dup	12/28/2021	Metal	Mercury	Dissolved	=	1020	ng/L	EPA 245.1	17	50			
2021/22-2	000NONPJ	matrix spike dup, rec	12/28/2021	Metal	Mercury	Dissolved	=	102	%	EPA 245.1	-88	-88	70	130	
2021/22-2	000NONPJ	matrix spike, RPD	12/28/2021	Metal	Mercury	Dissolved	=	3	%	EPA 245.1	-88	-88	0	20	
2021/22-2	000NONPJ	matrix spike	12/28/2021	Metal	Mercury	Dissolved	=	1010	ng/L	EPA 245.1	17	50			
2021/22-2	000NONPJ	matrix spike, rec	12/28/2021	Metal	Mercury	Dissolved	=	101	%	EPA 245.1	-88	-88	70	130	
2021/22-2	000NONPJ	matrix spike dup	12/28/2021	Metal	Mercury	Dissolved	=	989	ng/L	EPA 245.1	17	50			
2021/22-2	000NONPJ	matrix spike dup, rec	12/28/2021	Metal	Mercury	Dissolved	=	99	%	EPA 245.1	-88	-88	70	130	
2021/22-2	000NONPJ	matrix spike, RPD	12/28/2021	Metal	Mercury	Dissolved	=	2	%	EPA 245.1	-88	-88	0	20	
2021/22-2	Lab	method blank	12/27/2021	Metal	Mercury	Dissolved	<	17	ng/L	EPA 245.1	17	50			
2021/22-2	Lab	method blank	12/27/2021	Metal	Mercury	Dissolved	<	17	ng/L	EPA 245.1	17	50			
2021/22-2	Lab	LCS	12/27/2021	Metal	Mercury	Dissolved	=	947	ng/L	EPA 245.1	17	50			
2021/22-2	Lab	LCS, rec	12/27/2021	Metal	Mercury	Dissolved	=	95	%	EPA 245.1	-88	-88	85	115	
2021/22-2	Lab	method blank	12/27/2021	Metal	Mercury	Dissolved	DNQ	19.4	ng/L	EPA 245.1	17	50			IP
2021/22-2	Lab	LCS	12/27/2021	Metal	Mercury	Dissolved	=	1020	ng/L	EPA 245.1	17	50			
2021/22-2	Lab	LCS, rec	12/27/2021	Metal	Mercury	Dissolved	=	102	%	EPA 245.1	-88	-88	85	115	
2021/22-2	Lab	method blank	12/28/2021	Metal	Mercury	Dissolved	<	17	ng/L	EPA 245.1	17	50			
2021/22-2	Lab	LCS	12/28/2021	Metal	Mercury	Dissolved	=	987	ng/L	EPA 245.1	17	50			
2021/22-2	Lab	LCS, rec	12/28/2021	Metal	Mercury	Dissolved	=	99	%	EPA 245.1	-88	-88	85	115	
2021/22-2	ME-CC	matrix spike	12/27/2021	Metal	Mercury	Dissolved	=	1130	ng/L	EPA 245.1	17	50			
2021/22-2	ME-CC	matrix spike, rec	12/27/2021	Metal	Mercury	Dissolved	=	111	%	EPA 245.1	-88	-88	70	130	
2021/22-2	ME-CC	matrix spike dup	12/27/2021	Metal	Mercury	Dissolved	=	1110	ng/L	EPA 245.1	17	50			
2021/22-2	ME-CC	matrix spike dup, rec	12/27/2021	Metal	Mercury	Dissolved	=	109	%	EPA 245.1	-88	-88	70	130	
2021/22-2	ME-CC	matrix spike, RPD	12/27/2021	Metal	Mercury	Dissolved	=	2	%	EPA 245.1	-88	-88	0	20	
2021/22-2	MO-MPK	matrix spike	12/27/2021	Metal	Mercury	Dissolved	=	1020	ng/L	EPA 245.1	17	50			
2021/22-2	MO-MPK	matrix spike, rec	12/27/2021	Metal	Mercury	Dissolved	=	102	%	EPA 245.1	-88	-88	70	130	
2021/22-2	MO-MPK	matrix spike dup	12/27/2021	Metal	Mercury	Dissolved	=	1030	ng/L	EPA 245.1	17	50			
2021/22-2	MO-MPK	matrix spike dup, rec	12/27/2021	Metal	Mercury	Dissolved	=	103	%	EPA 245.1	-88	-88	70	130	
2021/22-2	MO-MPK	matrix spike, RPD	12/27/2021	Metal	Mercury	Dissolved	=	2	%	EPA 245.1	-88	-88	0	20	
2021/22-2	000NONPJ	matrix spike	12/28/2021	Metal	Mercury	Total	=	986	ng/L	EPA 245.1	17	50			
2021/22-2	000NONPJ	matrix spike, rec	12/28/2021	Metal	Mercury	Total	=	99	%	EPA 245.1	-88	-88	70	130	
2021/22-2	000NONPJ	matrix spike dup	12/28/2021	Metal	Mercury	Total	=	1020	ng/L	EPA 245.1	17	50			
2021/22-2	000NONPJ	matrix spike dup, rec	12/28/2021	Metal	Mercury	Total	=	102	%	EPA 245.1	-88	-88	70	130	
2021/22-2	000NONPJ	matrix spike, RPD	12/28/2021	Metal	Mercury	Total	=	3	%	EPA 245.1	-88	-88	0	20	
2021/22-2	000NONPJ	matrix spike	12/28/2021	Metal	Mercury	Total	=	1010	ng/L	EPA 245.1	17	50			
2021/22-2	000NONPJ	matrix spike, rec	12/28/2021	Metal	Mercury	Total	=	101	%	EPA 245.1	-88	-88	70	130	
2021/22-2	000NONPJ	matrix spike dup	12/28/2021	Metal	Mercury	Total	=	989	ng/L	EPA 245.1	17	50			
2021/22-2	000NONPJ	matrix spike dup, rec	12/28/2021	Metal	Mercury	Total	=	99	%	EPA 245.1	-88	-88	70	130	
2021/22-2	000NONPJ	matrix spike, RPD	12/28/2021	Metal	Mercury	Total	=	2	%	EPA 245.1	-88	-88	0	20	
2021/22-2	Lab	method blank	12/27/2021	Metal	Mercury	Total	<	17	ng/L	EPA 245.1	17	50			
2021/22-2	Lab	LCS	12/27/2021	Metal	Mercury	Total	=	947	ng/L	EPA 245.1	17	50			
2021/22-2	Lab	LCS, rec	12/27/2021	Metal	Mercury	Total	=	95	%	EPA 245.1	-88	-88	85	115	
2021/22-2	Lab	method blank	12/27/2021	Metal	Mercury	Total	DNQ	17.5	ng/L	EPA 245.1	17	50			IP
2021/22-2	Lab	LCS	12/27/2021	Metal	Mercury	Total	=	1020	ng/L	EPA 245.1	17	50			
2021/22-2	Lab	LCS, rec	12/27/2021	Metal	Mercury	Total	=	102	%	EPA 245.1	-88	-88	85	115	
2021/22-2	Lab	method blank	12/28/2021	Metal	Mercury	Total	<	17	ng/L	EPA 245.1	17	50			
2021/22-2	Lab	LCS	12/28/2021	Metal	Mercury	Total	=	987	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	
2021/22-2	Lab	LCS, rec	12/28/2021	Metal	Mercury	Total	=	99	%	EPA 245.1	-88	-88	85	115	
2021/22-2	ME-CC	matrix spike	12/27/2021	Metal	Mercury	Total	=	1130	ng/L	EPA 245.1	17	50			
2021/22-2	ME-CC	matrix spike, rec	12/27/2021	Metal	Mercury	Total	=	103	%	EPA 245.1	-88	-88	70	130	
2021/22-2	ME-CC	matrix spike dup	12/27/2021	Metal	Mercury	Total	=	1110	ng/L	EPA 245.1	17	50			
2021/22-2	ME-CC	matrix spike dup, rec	12/27/2021	Metal	Mercury	Total	=	100	%	EPA 245.1	-88	-88	70	130	
2021/22-2	ME-CC	matrix spike, RPD	12/27/2021	Metal	Mercury	Total	=	2	%	EPA 245.1	-88	-88	0	20	
2021/22-2	MO-MPK	matrix spike	12/27/2021	Metal	Mercury	Total	=	1020	ng/L	EPA 245.1	17	50			
2021/22-2	MO-MPK	matrix spike, rec	12/27/2021	Metal	Mercury	Total	=	99	%	EPA 245.1	-88	-88	70	130	
2021/22-2	MO-MPK	matrix spike dup	12/27/2021	Metal	Mercury	Total	=	1030	ng/L	EPA 245.1	17	50			
2021/22-2	MO-MPK	matrix spike dup, rec	12/27/2021	Metal	Mercury	Total	=	101	%	EPA 245.1	-88	-88	70	130	
2021/22-2	MO-MPK	matrix spike, RPD	12/27/2021	Metal	Mercury	Total	=	2	%	EPA 245.1	-88	-88	0	20	
2021/22-2	Lab	method blank	1/4/2022	Metal	Nickel	Dissolved	<	0.16	µg/L	EPA 200.8	0.16	2			
2021/22-2	Lab	LCS	1/4/2022	Metal	Nickel	Dissolved	=	49.8	µg/L	EPA 200.8	0.16	2			
2021/22-2	Lab	LCS, rec	1/4/2022	Metal	Nickel	Dissolved	=	100	%	EPA 200.8	-88	-88	85	115	
2021/22-2	Lab	method blank	1/17/2022	Metal	Nickel	Dissolved	<	0.16	µg/L	EPA 200.8	0.16	2			
2021/22-2	Lab	LCS	1/17/2022	Metal	Nickel	Dissolved	=	52.1	µg/L	EPA 200.8	0.16	2			
2021/22-2	Lab	LCS, rec	1/17/2022	Metal	Nickel	Dissolved	=	104	%	EPA 200.8	-88	-88	85	115	
2021/22-2	000NONPJ	matrix spike	1/4/2022	Metal	Nickel	Total	=	925	µg/L	EPA 200.8	0.16	2			CT,GB
2021/22-2	000NONPJ	matrix spike, rec	1/4/2022	Metal	Nickel	Total	=	47	%	EPA 200.8	-88	-88	70	130	CT,GB
2021/22-2	000NONPJ	matrix spike dup	1/4/2022	Metal	Nickel	Total	=	924	µg/L	EPA 200.8	0.16	2			CT,GB
2021/22-2	000NONPJ	matrix spike dup, rec	1/4/2022	Metal	Nickel	Total	=	45	%	EPA 200.8	-88	-88	70	130	CT,GB
2021/22-2	000NONPJ	matrix spike, RPD	1/4/2022	Metal	Nickel	Total	=	0.1	%	EPA 200.8	-88	-88	0	30	CT,GB
2021/22-2	000NONPJ	matrix spike	1/4/2022	Metal	Nickel	Total	=	50.7	µg/L	EPA 200.8	0.16	2			
2021/22-2	000NONPJ	matrix spike, rec	1/4/2022	Metal	Nickel	Total	=	100	%	EPA 200.8	-88	-88	70	130	
2021/22-2	000NONPJ	matrix spike dup	1/4/2022	Metal	Nickel	Total	=	50.1	µg/L	EPA 200.8	0.16	2			
2021/22-2	000NONPJ	matrix spike dup, rec	1/4/2022	Metal	Nickel	Total	=	98	%	EPA 200.8	-88	-88	70	130	
2021/22-2	000NONPJ	matrix spike, RPD	1/4/2022	Metal	Nickel	Total	=	1	%	EPA 200.8	-88	-88	0	30	
2021/22-2	Lab	method blank	1/4/2022	Metal	Nickel	Total	<	0.16	µg/L	EPA 200.8	0.16	2			
2021/22-2	Lab	LCS	1/4/2022	Metal	Nickel	Total	=	49.8	µg/L	EPA 200.8	0.16	2			
2021/22-2	Lab	LCS, rec	1/4/2022	Metal	Nickel	Total	=	100	%	EPA 200.8	-88	-88	85	115	
2021/22-2	Lab	method blank	1/17/2022	Metal	Nickel	Total	<	0.16	µg/L	EPA 200.8	0.16	2			
2021/22-2	Lab	LCS	1/17/2022	Metal	Nickel	Total	=	52.1	µg/L	EPA 200.8	0.16	2			
2021/22-2	Lab	LCS, rec	1/17/2022	Metal	Nickel	Total	=	104	%	EPA 200.8	-88	-88	85	115	
2021/22-2	MO-FIL	matrix spike	1/17/2022	Metal	Nickel	Total	=	55.7	µg/L	EPA 200.8	0.16	2			
2021/22-2	MO-FIL	matrix spike, rec	1/17/2022	Metal	Nickel	Total	=	100	%	EPA 200.8	-88	-88	70	130	
2021/22-2	MO-FIL	matrix spike dup	1/17/2022	Metal	Nickel	Total	=	57.9	µg/L	EPA 200.8	0.16	2			
2021/22-2	MO-FIL	matrix spike dup, rec	1/17/2022	Metal	Nickel	Total	=	104	%	EPA 200.8	-88	-88	70	130	
2021/22-2	MO-FIL	matrix spike, RPD	1/17/2022	Metal	Nickel	Total	=	4	%	EPA 200.8	-88	-88	0	30	
2021/22-2	MO-THO	matrix spike	1/17/2022	Metal	Nickel	Total	=	82.9	µg/L	EPA 200.8	0.16	2			
2021/22-2	MO-THO	matrix spike, rec	1/17/2022	Metal	Nickel	Total	=	96	%	EPA 200.8	-88	-88	70	130	
2021/22-2	MO-THO	matrix spike dup	1/17/2022	Metal	Nickel	Total	=	84	µg/L	EPA 200.8	0.16	2			
2021/22-2	MO-THO	matrix spike dup, rec	1/17/2022	Metal	Nickel	Total	=	98	%	EPA 200.8	-88	-88	70	130	
2021/22-2	MO-THO	matrix spike, RPD	1/17/2022	Metal	Nickel	Total	=	1	%	EPA 200.8	-88	-88	0	30	
2021/22-2	Lab	method blank	1/4/2022	Metal	Selenium	Dissolved	<	0.067	µg/L	EPA 200.8	0.067	0.4			
2021/22-2	Lab	LCS	1/4/2022	Metal	Selenium	Dissolved	=	46	µg/L	EPA 200.8	0.067	0.4			
2021/22-2	Lab	LCS, rec	1/4/2022	Metal	Selenium	Dissolved	=	92	%	EPA 200.8	-88	-88	85	115	
2021/22-2	Lab	method blank	1/17/2022	Metal	Selenium	Dissolved	<	0.067	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	
2021/22-2	Lab	LCS	1/17/2022	Metal	Selenium	Dissolved	=	49.3	µg/L	EPA 200.8	0.067	0.4			
2021/22-2	Lab	LCS, rec	1/17/2022	Metal	Selenium	Dissolved	=	99	%	EPA 200.8	-88	-88	85	115	
2021/22-2	000NONPJ	matrix spike	1/4/2022	Metal	Selenium	Total	=	44.6	µg/L	EPA 200.8	0.067	0.4			
2021/22-2	000NONPJ	matrix spike, rec	1/4/2022	Metal	Selenium	Total	=	88	%	EPA 200.8	-88	-88	70	130	
2021/22-2	000NONPJ	matrix spike dup	1/4/2022	Metal	Selenium	Total	=	44.6	µg/L	EPA 200.8	0.067	0.4			
2021/22-2	000NONPJ	matrix spike dup, rec	1/4/2022	Metal	Selenium	Total	=	88	%	EPA 200.8	-88	-88	70	130	
2021/22-2	000NONPJ	matrix spike, RPD	1/4/2022	Metal	Selenium	Total	=	0.1	%	EPA 200.8	-88	-88	0	30	
2021/22-2	000NONPJ	matrix spike	1/4/2022	Metal	Selenium	Total	=	46.4	µg/L	EPA 200.8	0.067	0.4			
2021/22-2	000NONPJ	matrix spike, rec	1/4/2022	Metal	Selenium	Total	=	91	%	EPA 200.8	-88	-88	70	130	
2021/22-2	000NONPJ	matrix spike dup	1/4/2022	Metal	Selenium	Total	=	46.3	µg/L	EPA 200.8	0.067	0.4			
2021/22-2	000NONPJ	matrix spike dup, rec	1/4/2022	Metal	Selenium	Total	=	91	%	EPA 200.8	-88	-88	70	130	
2021/22-2	000NONPJ	matrix spike, RPD	1/4/2022	Metal	Selenium	Total	=	0.1	%	EPA 200.8	-88	-88	0	30	
2021/22-2	Lab	method blank	1/4/2022	Metal	Selenium	Total	<	0.067	µg/L	EPA 200.8	0.067	0.4			
2021/22-2	Lab	LCS	1/4/2022	Metal	Selenium	Total	=	46	µg/L	EPA 200.8	0.067	0.4			
2021/22-2	Lab	LCS, rec	1/4/2022	Metal	Selenium	Total	=	92	%	EPA 200.8	-88	-88	85	115	
2021/22-2	Lab	method blank	1/17/2022	Metal	Selenium	Total	<	0.067	µg/L	EPA 200.8	0.067	0.4			
2021/22-2	Lab	LCS	1/17/2022	Metal	Selenium	Total	=	49.3	µg/L	EPA 200.8	0.067	0.4			
2021/22-2	Lab	LCS, rec	1/17/2022	Metal	Selenium	Total	=	99	%	EPA 200.8	-88	-88	85	115	
2021/22-2	MO-FIL	matrix spike	1/17/2022	Metal	Selenium	Total	=	48.4	µg/L	EPA 200.8	0.067	0.4			
2021/22-2	MO-FIL	matrix spike, rec	1/17/2022	Metal	Selenium	Total	=	95	%	EPA 200.8	-88	-88	70	130	
2021/22-2	MO-FIL	matrix spike dup	1/17/2022	Metal	Selenium	Total	=	48.4	µg/L	EPA 200.8	0.067	0.4			
2021/22-2	MO-FIL	matrix spike dup, rec	1/17/2022	Metal	Selenium	Total	=	95	%	EPA 200.8	-88	-88	70	130	
2021/22-2	MO-FIL	matrix spike, RPD	1/17/2022	Metal	Selenium	Total	=	0.2	%	EPA 200.8	-88	-88	0	30	
2021/22-2	MO-THO	matrix spike	1/17/2022	Metal	Selenium	Total	=	48.1	µg/L	EPA 200.8	0.067	0.4			
2021/22-2	MO-THO	matrix spike, rec	1/17/2022	Metal	Selenium	Total	=	93	%	EPA 200.8	-88	-88	70	130	
2021/22-2	MO-THO	matrix spike dup	1/17/2022	Metal	Selenium	Total	=	48.8	µg/L	EPA 200.8	0.067	0.4			
2021/22-2	MO-THO	matrix spike dup, rec	1/17/2022	Metal	Selenium	Total	=	94	%	EPA 200.8	-88	-88	70	130	
2021/22-2	MO-THO	matrix spike, RPD	1/17/2022	Metal	Selenium	Total	=	1	%	EPA 200.8	-88	-88	0	30	
2021/22-2	Lab	method blank	1/4/2022	Metal	Silver	Dissolved	<	0.03	µg/L	EPA 200.8	0.03	0.2			
2021/22-2	Lab	LCS	1/4/2022	Metal	Silver	Dissolved	=	43.2	µg/L	EPA 200.8	0.03	0.2			
2021/22-2	Lab	LCS, rec	1/4/2022	Metal	Silver	Dissolved	=	87	%	EPA 200.8	-88	-88	85	115	
2021/22-2	Lab	method blank	1/17/2022	Metal	Silver	Dissolved	DNQ	0.0328	µg/L	EPA 200.8	0.03	0.2			IP
2021/22-2	Lab	LCS	1/17/2022	Metal	Silver	Dissolved	=	47.8	µg/L	EPA 200.8	0.03	0.2			
2021/22-2	Lab	LCS, rec	1/17/2022	Metal	Silver	Dissolved	=	96	%	EPA 200.8	-88	-88	85	115	
2021/22-2	000NONPJ	matrix spike	1/4/2022	Metal	Silver	Total	=	41.6	µg/L	EPA 200.8	0.03	0.2			
2021/22-2	000NONPJ	matrix spike, rec	1/4/2022	Metal	Silver	Total	=	83	%	EPA 200.8	-88	-88	70	130	
2021/22-2	000NONPJ	matrix spike dup	1/4/2022	Metal	Silver	Total	=	44.8	µg/L	EPA 200.8	0.03	0.2			
2021/22-2	000NONPJ	matrix spike dup, rec	1/4/2022	Metal	Silver	Total	=	90	%	EPA 200.8	-88	-88	70	130	
2021/22-2	000NONPJ	matrix spike, RPD	1/4/2022	Metal	Silver	Total	=	7	%	EPA 200.8	-88	-88	0	30	
2021/22-2	000NONPJ	matrix spike	1/4/2022	Metal	Silver	Total	=	43.7	µg/L	EPA 200.8	0.03	0.2			
2021/22-2	000NONPJ	matrix spike, rec	1/4/2022	Metal	Silver	Total	=	88	%	EPA 200.8	-88	-88	70	130	
2021/22-2	000NONPJ	matrix spike dup	1/4/2022	Metal	Silver	Total	=	47.4	µg/L	EPA 200.8	0.03	0.2			
2021/22-2	000NONPJ	matrix spike dup, rec	1/4/2022	Metal	Silver	Total	=	95	%	EPA 200.8	-88	-88	70	130	
2021/22-2	000NONPJ	matrix spike, RPD	1/4/2022	Metal	Silver	Total	=	8	%	EPA 200.8	-88	-88	0	30	
2021/22-2	Lab	method blank	1/4/2022	Metal	Silver	Total	<	0.03	µg/L	EPA 200.8	0.03	0.2			
2021/22-2	Lab	LCS	1/4/2022	Metal	Silver	Total	=	43.2	µg/L	EPA 200.8	0.03	0.2			
2021/22-2	Lab	LCS, rec	1/4/2022	Metal	Silver	Total	=	87	%	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	
2021/22-2	Lab	method blank	1/17/2022	Metal	Silver	Total	DNQ	0.0315	µg/L	EPA 200.8	0.03	0.2			IP
2021/22-2	Lab	LCS	1/17/2022	Metal	Silver	Total	=	47.8	µg/L	EPA 200.8	0.03	0.2			
2021/22-2	Lab	LCS, rec	1/17/2022	Metal	Silver	Total	=	96	%	EPA 200.8	-88	-88	85	115	
2021/22-2	MO-FIL	matrix spike	1/17/2022	Metal	Silver	Total	=	45.7	µg/L	EPA 200.8	0.03	0.2			
2021/22-2	MO-FIL	matrix spike, rec	1/17/2022	Metal	Silver	Total	=	91	%	EPA 200.8	-88	-88	70	130	
2021/22-2	MO-FIL	matrix spike dup	1/17/2022	Metal	Silver	Total	=	50.3	µg/L	EPA 200.8	0.03	0.2			
2021/22-2	MO-FIL	matrix spike dup, rec	1/17/2022	Metal	Silver	Total	=	101	%	EPA 200.8	-88	-88	70	130	
2021/22-2	MO-FIL	matrix spike, RPD	1/17/2022	Metal	Silver	Total	=	10	%	EPA 200.8	-88	-88	0	30	
2021/22-2	MO-THO	matrix spike	1/17/2022	Metal	Silver	Total	=	46.5	µg/L	EPA 200.8	0.03	0.2			
2021/22-2	MO-THO	matrix spike, rec	1/17/2022	Metal	Silver	Total	=	93	%	EPA 200.8	-88	-88	70	130	
2021/22-2	MO-THO	matrix spike dup	1/17/2022	Metal	Silver	Total	=	52.6	µg/L	EPA 200.8	0.03	0.2			
2021/22-2	MO-THO	matrix spike dup, rec	1/17/2022	Metal	Silver	Total	=	105	%	EPA 200.8	-88	-88	70	130	
2021/22-2	MO-THO	matrix spike, RPD	1/17/2022	Metal	Silver	Total	=	12	%	EPA 200.8	-88	-88	0	30	
2021/22-2	Lab	method blank	1/4/2022	Metal	Thallium	Dissolved	<	0.021	µg/L	EPA 200.8	0.021	0.2			
2021/22-2	Lab	LCS	1/4/2022	Metal	Thallium	Dissolved	=	47	µg/L	EPA 200.8	0.021	0.2			
2021/22-2	Lab	LCS, rec	1/4/2022	Metal	Thallium	Dissolved	=	94	%	EPA 200.8	-88	-88	85	115	
2021/22-2	Lab	method blank	1/17/2022	Metal	Thallium	Dissolved	<	0.021	µg/L	EPA 200.8	0.021	0.2			
2021/22-2	Lab	LCS	1/17/2022	Metal	Thallium	Dissolved	=	49.7	µg/L	EPA 200.8	0.021	0.2			
2021/22-2	Lab	LCS, rec	1/17/2022	Metal	Thallium	Dissolved	=	99	%	EPA 200.8	-88	-88	85	115	
2021/22-2	000NONPJ	matrix spike	1/4/2022	Metal	Thallium	Total	=	47.6	µg/L	EPA 200.8	0.021	0.2			
2021/22-2	000NONPJ	matrix spike, rec	1/4/2022	Metal	Thallium	Total	=	95	%	EPA 200.8	-88	-88	70	130	
2021/22-2	000NONPJ	matrix spike dup	1/4/2022	Metal	Thallium	Total	=	47.6	µg/L	EPA 200.8	0.021	0.2			
2021/22-2	000NONPJ	matrix spike dup, rec	1/4/2022	Metal	Thallium	Total	=	95	%	EPA 200.8	-88	-88	70	130	
2021/22-2	000NONPJ	matrix spike, RPD	1/4/2022	Metal	Thallium	Total	=	0.004	%	EPA 200.8	-88	-88	0	30	
2021/22-2	000NONPJ	matrix spike	1/4/2022	Metal	Thallium	Total	=	47.8	µg/L	EPA 200.8	0.021	0.2			
2021/22-2	000NONPJ	matrix spike, rec	1/4/2022	Metal	Thallium	Total	=	96	%	EPA 200.8	-88	-88	70	130	
2021/22-2	000NONPJ	matrix spike dup	1/4/2022	Metal	Thallium	Total	=	47.6	µg/L	EPA 200.8	0.021	0.2			
2021/22-2	000NONPJ	matrix spike dup, rec	1/4/2022	Metal	Thallium	Total	=	95	%	EPA 200.8	-88	-88	70	130	
2021/22-2	000NONPJ	matrix spike, RPD	1/4/2022	Metal	Thallium	Total	=	0.5	%	EPA 200.8	-88	-88	0	30	
2021/22-2	Lab	method blank	1/4/2022	Metal	Thallium	Total	<	0.021	µg/L	EPA 200.8	0.021	0.2			
2021/22-2	Lab	LCS	1/4/2022	Metal	Thallium	Total	=	47	µg/L	EPA 200.8	0.021	0.2			
2021/22-2	Lab	LCS, rec	1/4/2022	Metal	Thallium	Total	=	94	%	EPA 200.8	-88	-88	85	115	
2021/22-2	Lab	method blank	1/17/2022	Metal	Thallium	Total	<	0.021	µg/L	EPA 200.8	0.021	0.2			
2021/22-2	Lab	LCS	1/17/2022	Metal	Thallium	Total	=	49.7	µg/L	EPA 200.8	0.021	0.2			
2021/22-2	Lab	LCS, rec	1/17/2022	Metal	Thallium	Total	=	99	%	EPA 200.8	-88	-88	85	115	
2021/22-2	MO-FIL	matrix spike	1/17/2022	Metal	Thallium	Total	=	46.9	µg/L	EPA 200.8	0.021	0.2			
2021/22-2	MO-FIL	matrix spike, rec	1/17/2022	Metal	Thallium	Total	=	94	%	EPA 200.8	-88	-88	70	130	
2021/22-2	MO-FIL	matrix spike dup	1/17/2022	Metal	Thallium	Total	=	48.8	µg/L	EPA 200.8	0.021	0.2			
2021/22-2	MO-FIL	matrix spike dup, rec	1/17/2022	Metal	Thallium	Total	=	98	%	EPA 200.8	-88	-88	70	130	
2021/22-2	MO-FIL	matrix spike, RPD	1/17/2022	Metal	Thallium	Total	=	4	%	EPA 200.8	-88	-88	0	30	
2021/22-2	MO-THO	matrix spike	1/17/2022	Metal	Thallium	Total	=	49.9	µg/L	EPA 200.8	0.021	0.2			
2021/22-2	MO-THO	matrix spike, rec	1/17/2022	Metal	Thallium	Total	=	100	%	EPA 200.8	-88	-88	70	130	
2021/22-2	MO-THO	matrix spike dup	1/17/2022	Metal	Thallium	Total	=	49.7	µg/L	EPA 200.8	0.021	0.2			
2021/22-2	MO-THO	matrix spike dup, rec	1/17/2022	Metal	Thallium	Total	=	99	%	EPA 200.8	-88	-88	70	130	
2021/22-2	MO-THO	matrix spike, RPD	1/17/2022	Metal	Thallium	Total	=	0.4	%	EPA 200.8	-88	-88	0	30	
2021/22-2	Lab	method blank	1/4/2022	Metal	Zinc	Dissolved	<	0.8	µg/L	EPA 200.8	0.8	10			
2021/22-2	Lab	LCS	1/4/2022	Metal	Zinc	Dissolved	=	47.4	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	
2021/22-2	Lab	LCS, rec	1/4/2022	Metal	Zinc	Dissolved	=	95	%	EPA 200.8	-88	-88	85	115	
2021/22-2	Lab	method blank	1/17/2022	Metal	Zinc	Dissolved	<	0.8	µg/L	EPA 200.8	0.8	10			
2021/22-2	Lab	LCS	1/17/2022	Metal	Zinc	Dissolved	=	45.8	µg/L	EPA 200.8	0.8	10			
2021/22-2	Lab	LCS, rec	1/17/2022	Metal	Zinc	Dissolved	=	92	%	EPA 200.8	-88	-88	85	115	
2021/22-2	000NONPJ	matrix spike	1/4/2022	Metal	Zinc	Total	=	81	µg/L	EPA 200.8	0.8	10			
2021/22-2	000NONPJ	matrix spike, rec	1/4/2022	Metal	Zinc	Total	=	90	%	EPA 200.8	-88	-88	70	130	
2021/22-2	000NONPJ	matrix spike dup	1/4/2022	Metal	Zinc	Total	=	80	µg/L	EPA 200.8	0.8	10			
2021/22-2	000NONPJ	matrix spike dup, rec	1/4/2022	Metal	Zinc	Total	=	88	%	EPA 200.8	-88	-88	70	130	
2021/22-2	000NONPJ	matrix spike, RPD	1/4/2022	Metal	Zinc	Total	=	1	%	EPA 200.8	-88	-88	0	30	
2021/22-2	000NONPJ	matrix spike	1/4/2022	Metal	Zinc	Total	=	85.4	µg/L	EPA 200.8	0.8	10			
2021/22-2	000NONPJ	matrix spike, rec	1/4/2022	Metal	Zinc	Total	=	89	%	EPA 200.8	-88	-88	70	130	
2021/22-2	000NONPJ	matrix spike dup	1/4/2022	Metal	Zinc	Total	=	86.9	µg/L	EPA 200.8	0.8	10			
2021/22-2	000NONPJ	matrix spike dup, rec	1/4/2022	Metal	Zinc	Total	=	92	%	EPA 200.8	-88	-88	70	130	
2021/22-2	000NONPJ	matrix spike, RPD	1/4/2022	Metal	Zinc	Total	=	2	%	EPA 200.8	-88	-88	0	30	
2021/22-2	Lab	method blank	1/4/2022	Metal	Zinc	Total	<	0.8	µg/L	EPA 200.8	0.8	10			
2021/22-2	Lab	LCS	1/4/2022	Metal	Zinc	Total	=	47.4	µg/L	EPA 200.8	0.8	10			
2021/22-2	Lab	LCS, rec	1/4/2022	Metal	Zinc	Total	=	95	%	EPA 200.8	-88	-88	85	115	
2021/22-2	Lab	method blank	1/17/2022	Metal	Zinc	Total	<	0.8	µg/L	EPA 200.8	0.8	10			
2021/22-2	Lab	LCS	1/17/2022	Metal	Zinc	Total	=	45.8	µg/L	EPA 200.8	0.8	10			
2021/22-2	Lab	LCS, rec	1/17/2022	Metal	Zinc	Total	=	92	%	EPA 200.8	-88	-88	85	115	
2021/22-2	MO-FIL	matrix spike	1/17/2022	Metal	Zinc	Total	=	113	µg/L	EPA 200.8	0.8	10			
2021/22-2	MO-FIL	matrix spike, rec	1/17/2022	Metal	Zinc	Total	=	86	%	EPA 200.8	-88	-88	70	130	
2021/22-2	MO-FIL	matrix spike dup	1/17/2022	Metal	Zinc	Total	=	118	µg/L	EPA 200.8	0.8	10			
2021/22-2	MO-FIL	matrix spike dup, rec	1/17/2022	Metal	Zinc	Total	=	95	%	EPA 200.8	-88	-88	70	130	
2021/22-2	MO-FIL	matrix spike, RPD	1/17/2022	Metal	Zinc	Total	=	4	%	EPA 200.8	-88	-88	0	30	
2021/22-2	MO-THO	matrix spike	1/17/2022	Metal	Zinc	Total	=	157	µg/L	EPA 200.8	0.8	10			
2021/22-2	MO-THO	matrix spike, rec	1/17/2022	Metal	Zinc	Total	=	87	%	EPA 200.8	-88	-88	70	130	
2021/22-2	MO-THO	matrix spike dup	1/17/2022	Metal	Zinc	Total	=	158	µg/L	EPA 200.8	0.8	10			
2021/22-2	MO-THO	matrix spike dup, rec	1/17/2022	Metal	Zinc	Total	=	89	%	EPA 200.8	-88	-88	70	130	
2021/22-2	MO-THO	matrix spike, RPD	1/17/2022	Metal	Zinc	Total	=	0.7	%	EPA 200.8	-88	-88	0	30	
2021/22-2	000NONPJ	matrix spike	12/29/2021	Nutrient	Ammonia as N	n/a	=	0.322	mg/L	EPA 350.1	0.017	0.1			
2021/22-2	000NONPJ	matrix spike, rec	12/29/2021	Nutrient	Ammonia as N	n/a	=	99	%	EPA 350.1	-88	-88	90	110	
2021/22-2	000NONPJ	matrix spike dup	12/29/2021	Nutrient	Ammonia as N	n/a	=	0.321	mg/L	EPA 350.1	0.017	0.1			
2021/22-2	000NONPJ	matrix spike dup, rec	12/29/2021	Nutrient	Ammonia as N	n/a	=	99	%	EPA 350.1	-88	-88	90	110	
2021/22-2	000NONPJ	matrix spike, RPD	12/29/2021	Nutrient	Ammonia as N	n/a	=	0.3	%	EPA 350.1	-88	-88	0	15	
2021/22-2	000NONPJ	matrix spike	12/29/2021	Nutrient	Ammonia as N	n/a	=	0.513	mg/L	EPA 350.1	0.017	0.1			
2021/22-2	000NONPJ	matrix spike, rec	12/29/2021	Nutrient	Ammonia as N	n/a	=	98	%	EPA 350.1	-88	-88	90	110	
2021/22-2	000NONPJ	matrix spike dup	12/29/2021	Nutrient	Ammonia as N	n/a	=	0.513	mg/L	EPA 350.1	0.017	0.1			
2021/22-2	000NONPJ	matrix spike dup, rec	12/29/2021	Nutrient	Ammonia as N	n/a	=	98	%	EPA 350.1	-88	-88	90	110	
2021/22-2	000NONPJ	matrix spike, RPD	12/29/2021	Nutrient	Ammonia as N	n/a	=	0.1	%	EPA 350.1	-88	-88	0	15	
2021/22-2	000NONPJ	matrix spike	12/29/2021	Nutrient	Ammonia as N	n/a	=	0.757	mg/L	EPA 350.1	0.017	0.1			
2021/22-2	000NONPJ	matrix spike, rec	12/29/2021	Nutrient	Ammonia as N	n/a	=	97	%	EPA 350.1	-88	-88	90	110	
2021/22-2	000NONPJ	matrix spike dup	12/29/2021	Nutrient	Ammonia as N	n/a	=	0.752	mg/L	EPA 350.1	0.017	0.1			
2021/22-2	000NONPJ	matrix spike dup, rec	12/29/2021	Nutrient	Ammonia as N	n/a	=	95	%	EPA 350.1	-88	-88	90	110	
2021/22-2	000NONPJ	matrix spike, RPD	12/29/2021	Nutrient	Ammonia as N	n/a	=	0.6	%	EPA 350.1	-88	-88	0	15	
2021/22-2	Lab	method blank	12/29/2021	Nutrient	Ammonia as N	n/a	<	0.017	mg/L	EPA 350.1	0.017	0.1			
2021/22-2	Lab	LCS	12/29/2021	Nutrient	Ammonia as N	n/a	=	0.236	mg/L	EPA 350.1	0.017	0.1			

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2021/22-2	Lab	LCS, rec	12/29/2021	Nutrient	Ammonia as N	n/a	=	95	%	EPA 350.1	-88	-88	90	110	
2021/22-2	Lab	method blank	12/29/2021	Nutrient	Ammonia as N	n/a	<	0.017	mg/L	EPA 350.1	0.017	0.1			
2021/22-2	Lab	LCS	12/29/2021	Nutrient	Ammonia as N	n/a	=	0.243	mg/L	EPA 350.1	0.017	0.1			
2021/22-2	Lab	LCS, rec	12/29/2021	Nutrient	Ammonia as N	n/a	=	97	%	EPA 350.1	-88	-88	90	110	
2021/22-2	Lab	method blank	12/29/2021	Nutrient	Ammonia as N	n/a	<	0.017	mg/L	EPA 350.1	0.017	0.1			
2021/22-2	Lab	method blank	12/29/2021	Nutrient	Ammonia as N	n/a	<	0.017	mg/L	EPA 350.1	0.017	0.1			
2021/22-2	Lab	LCS	12/29/2021	Nutrient	Ammonia as N	n/a	=	0.246	mg/L	EPA 350.1	0.017	0.1			
2021/22-2	Lab	LCS, rec	12/29/2021	Nutrient	Ammonia as N	n/a	=	98	%	EPA 350.1	-88	-88	90	110	
2021/22-2	Lab	LCS	12/29/2021	Nutrient	Ammonia as N	n/a	=	0.246	mg/L	EPA 350.1	0.017	0.1			
2021/22-2	Lab	LCS, rec	12/29/2021	Nutrient	Ammonia as N	n/a	=	98	%	EPA 350.1	-88	-88	90	110	
2021/22-2	MO-MPK	matrix spike	12/29/2021	Nutrient	Ammonia as N	n/a	=	0.547	mg/L	EPA 350.1	0.017	0.1			
2021/22-2	MO-MPK	matrix spike, rec	12/29/2021	Nutrient	Ammonia as N	n/a	=	94	%	EPA 350.1	-88	-88	90	110	
2021/22-2	MO-MPK	matrix spike dup	12/29/2021	Nutrient	Ammonia as N	n/a	=	0.556	mg/L	EPA 350.1	0.017	0.1			
2021/22-2	MO-MPK	matrix spike dup, rec	12/29/2021	Nutrient	Ammonia as N	n/a	=	98	%	EPA 350.1	-88	-88	90	110	
2021/22-2	MO-MPK	matrix spike, RPD	12/29/2021	Nutrient	Ammonia as N	n/a	=	2	%	EPA 350.1	-88	-88	0	15	
2021/22-2	000NONPJ	matrix spike	12/16/2021	Nutrient	Nitrate + Nitrite as N	n/a	=	4.76	mg/L	EPA 353.2	0.036	0.2			
2021/22-2	000NONPJ	matrix spike, rec	12/16/2021	Nutrient	Nitrate + Nitrite as N	n/a	=	104	%	EPA 353.2	-88	-88	90	110	
2021/22-2	000NONPJ	matrix spike dup	12/16/2021	Nutrient	Nitrate + Nitrite as N	n/a	=	4.76	mg/L	EPA 353.2	0.036	0.2			
2021/22-2	000NONPJ	matrix spike dup, rec	12/16/2021	Nutrient	Nitrate + Nitrite as N	n/a	=	104	%	EPA 353.2	-88	-88	90	110	
2021/22-2	000NONPJ	matrix spike, RPD	12/16/2021	Nutrient	Nitrate + Nitrite as N	n/a	=	0	%	EPA 353.2	-88	-88	0	20	
2021/22-2	000NONPJ	matrix spike	12/16/2021	Nutrient	Nitrate + Nitrite as N	n/a	=	4.7	mg/L	EPA 353.2	0.036	0.2			
2021/22-2	000NONPJ	matrix spike, rec	12/16/2021	Nutrient	Nitrate + Nitrite as N	n/a	=	101	%	EPA 353.2	-88	-88	90	110	
2021/22-2	000NONPJ	matrix spike dup	12/16/2021	Nutrient	Nitrate + Nitrite as N	n/a	=	4.7	mg/L	EPA 353.2	0.036	0.2			
2021/22-2	000NONPJ	matrix spike dup, rec	12/16/2021	Nutrient	Nitrate + Nitrite as N	n/a	=	101	%	EPA 353.2	-88	-88	90	110	
2021/22-2	000NONPJ	matrix spike, RPD	12/16/2021	Nutrient	Nitrate + Nitrite as N	n/a	=	0	%	EPA 353.2	-88	-88	0	20	
2021/22-2	000NONPJ	matrix spike	1/11/2022	Nutrient	Nitrate + Nitrite as N	n/a	=	2.04	mg/L	EPA 353.2	0.036	0.2			
2021/22-2	000NONPJ	matrix spike, rec	1/11/2022	Nutrient	Nitrate + Nitrite as N	n/a	=	100	%	EPA 353.2	-88	-88	90	110	
2021/22-2	000NONPJ	matrix spike dup	1/11/2022	Nutrient	Nitrate + Nitrite as N	n/a	=	2.04	mg/L	EPA 353.2	0.036	0.2			
2021/22-2	000NONPJ	matrix spike dup, rec	1/11/2022	Nutrient	Nitrate + Nitrite as N	n/a	=	100	%	EPA 353.2	-88	-88	90	110	
2021/22-2	000NONPJ	matrix spike, RPD	1/11/2022	Nutrient	Nitrate + Nitrite as N	n/a	=	0	%	EPA 353.2	-88	-88	0	20	
2021/22-2	000NONPJ	matrix spike	1/11/2022	Nutrient	Nitrate + Nitrite as N	n/a	=	2.36	mg/L	EPA 353.2	0.036	0.2			
2021/22-2	000NONPJ	matrix spike, rec	1/11/2022	Nutrient	Nitrate + Nitrite as N	n/a	=	104	%	EPA 353.2	-88	-88	90	110	
2021/22-2	000NONPJ	matrix spike dup	1/11/2022	Nutrient	Nitrate + Nitrite as N	n/a	=	2.35	mg/L	EPA 353.2	0.036	0.2			
2021/22-2	000NONPJ	matrix spike dup, rec	1/11/2022	Nutrient	Nitrate + Nitrite as N	n/a	=	103	%	EPA 353.2	-88	-88	90	110	
2021/22-2	000NONPJ	matrix spike, RPD	1/11/2022	Nutrient	Nitrate + Nitrite as N	n/a	=	0.4	%	EPA 353.2	-88	-88	0	20	
2021/22-2	Lab	method blank	12/16/2021	Nutrient	Nitrate + Nitrite as N	n/a	<	0.036	mg/L	EPA 353.2	0.036	0.2			
2021/22-2	Lab	LCS	12/16/2021	Nutrient	Nitrate + Nitrite as N	n/a	=	1.02	mg/L	EPA 353.2	0.036	0.2			
2021/22-2	Lab	LCS, rec	12/16/2021	Nutrient	Nitrate + Nitrite as N	n/a	=	102	%	EPA 353.2	-88	-88	90	110	
2021/22-2	Lab	method blank	1/10/2022	Nutrient	Nitrate + Nitrite as N	n/a	<	0.036	mg/L	EPA 353.2	0.036	0.2			
2021/22-2	Lab	LCS	1/10/2022	Nutrient	Nitrate + Nitrite as N	n/a	=	0.991	mg/L	EPA 353.2	0.036	0.2			
2021/22-2	Lab	LCS, rec	1/10/2022	Nutrient	Nitrate + Nitrite as N	n/a	=	99	%	EPA 353.2	-88	-88	90	110	
2021/22-2	Lab	method blank	1/11/2022	Nutrient	Nitrate + Nitrite as N	n/a	<	0.036	mg/L	EPA 353.2	0.036	0.2			
2021/22-2	Lab	LCS	1/11/2022	Nutrient	Nitrate + Nitrite as N	n/a	=	1.02	mg/L	EPA 353.2	0.036	0.2			
2021/22-2	Lab	LCS, rec	1/11/2022	Nutrient	Nitrate + Nitrite as N	n/a	=	102	%	EPA 353.2	-88	-88	90	110	
2021/22-2	ME-VR2	matrix spike	1/10/2022	Nutrient	Nitrate + Nitrite as N	n/a	=	2.34	mg/L	EPA 353.2	0.036	0.2			
2021/22-2	ME-VR2	matrix spike, rec	1/10/2022	Nutrient	Nitrate + Nitrite as N	n/a	=	101	%	EPA 353.2	-88	-88	90	110	
2021/22-2	ME-VR2	matrix spike dup	1/10/2022	Nutrient	Nitrate + Nitrite as N	n/a	=	2.33	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	
2021/22-2	ME-VR2	matrix spike dup, rec	1/10/2022	Nutrient	Nitrate + Nitrite as N	n/a	=	100	%	EPA 353.2	-88	-88	90	110	
2021/22-2	ME-VR2	matrix spike, RPD	1/10/2022	Nutrient	Nitrate + Nitrite as N	n/a	=	0.4	%	EPA 353.2	-88	-88	0	20	
2021/22-2	MO-CAM	matrix spike	1/10/2022	Nutrient	Nitrate + Nitrite as N	n/a	=	2.72	mg/L	EPA 353.2	0.036	0.2			
2021/22-2	MO-CAM	matrix spike, rec	1/10/2022	Nutrient	Nitrate + Nitrite as N	n/a	=	102	%	EPA 353.2	-88	-88	90	110	
2021/22-2	MO-CAM	matrix spike dup	1/10/2022	Nutrient	Nitrate + Nitrite as N	n/a	=	2.69	mg/L	EPA 353.2	0.036	0.2			
2021/22-2	MO-CAM	matrix spike dup, rec	1/10/2022	Nutrient	Nitrate + Nitrite as N	n/a	=	100	%	EPA 353.2	-88	-88	90	110	
2021/22-2	MO-CAM	matrix spike, RPD	1/10/2022	Nutrient	Nitrate + Nitrite as N	n/a	=	1	%	EPA 353.2	-88	-88	0	20	
2021/22-2	000NONPJ	matrix spike	12/16/2021	Nutrient	Nitrate as N	n/a	=	4.76	mg/L	EPA 353.2	0.04	0.2			
2021/22-2	000NONPJ	matrix spike, rec	12/16/2021	Nutrient	Nitrate as N	n/a	=	104	%	EPA 353.2	-88	-88	90	110	
2021/22-2	000NONPJ	matrix spike dup	12/16/2021	Nutrient	Nitrate as N	n/a	=	4.76	mg/L	EPA 353.2	0.04	0.2			
2021/22-2	000NONPJ	matrix spike dup, rec	12/16/2021	Nutrient	Nitrate as N	n/a	=	104	%	EPA 353.2	-88	-88	90	110	
2021/22-2	000NONPJ	matrix spike, RPD	12/16/2021	Nutrient	Nitrate as N	n/a	=	0	%	EPA 353.2	-88	-88	0	20	
2021/22-2	000NONPJ	matrix spike	12/16/2021	Nutrient	Nitrate as N	n/a	=	4.7	mg/L	EPA 353.2	0.04	0.2			
2021/22-2	000NONPJ	matrix spike, rec	12/16/2021	Nutrient	Nitrate as N	n/a	=	101	%	EPA 353.2	-88	-88	90	110	
2021/22-2	000NONPJ	matrix spike dup	12/16/2021	Nutrient	Nitrate as N	n/a	=	4.7	mg/L	EPA 353.2	0.04	0.2			
2021/22-2	000NONPJ	matrix spike dup, rec	12/16/2021	Nutrient	Nitrate as N	n/a	=	101	%	EPA 353.2	-88	-88	90	110	
2021/22-2	000NONPJ	matrix spike, RPD	12/16/2021	Nutrient	Nitrate as N	n/a	=	0	%	EPA 353.2	-88	-88	0	20	
2021/22-2	Lab	method blank	12/16/2021	Nutrient	Nitrate as N	n/a	<	0.04	mg/L	EPA 353.2	0.04	0.2			
2021/22-2	Lab	LCS	12/16/2021	Nutrient	Nitrate as N	n/a	=	1.02	mg/L	EPA 353.2	0.04	0.2			
2021/22-2	Lab	LCS, rec	12/16/2021	Nutrient	Nitrate as N	n/a	=	102	%	EPA 353.2	-88	-88	90	110	
2021/22-2	000NONPJ	matrix spike	12/28/2021	Nutrient	Phosphorus as P	Dissolved	=	2.38	mg/L	EPA 200.7	0.018	0.05			
2021/22-2	000NONPJ	matrix spike, rec	12/28/2021	Nutrient	Phosphorus as P	Dissolved	=	109	%	EPA 200.7	-88	-88	70	130	
2021/22-2	000NONPJ	matrix spike dup	12/28/2021	Nutrient	Phosphorus as P	Dissolved	=	2.39	mg/L	EPA 200.7	0.018	0.05			
2021/22-2	000NONPJ	matrix spike dup, rec	12/28/2021	Nutrient	Phosphorus as P	Dissolved	=	109	%	EPA 200.7	-88	-88	70	130	
2021/22-2	000NONPJ	matrix spike, RPD	12/28/2021	Nutrient	Phosphorus as P	Dissolved	=	0.3	%	EPA 200.7	-88	-88	0	30	
2021/22-2	000NONPJ	matrix spike	12/28/2021	Nutrient	Phosphorus as P	Dissolved	=	2.13	mg/L	EPA 200.7	0.018	0.05			
2021/22-2	000NONPJ	matrix spike, rec	12/28/2021	Nutrient	Phosphorus as P	Dissolved	=	106	%	EPA 200.7	-88	-88	70	130	
2021/22-2	000NONPJ	matrix spike dup	12/28/2021	Nutrient	Phosphorus as P	Dissolved	=	2.2	mg/L	EPA 200.7	0.018	0.05			
2021/22-2	000NONPJ	matrix spike dup, rec	12/28/2021	Nutrient	Phosphorus as P	Dissolved	=	110	%	EPA 200.7	-88	-88	70	130	
2021/22-2	000NONPJ	matrix spike, RPD	12/28/2021	Nutrient	Phosphorus as P	Dissolved	=	3	%	EPA 200.7	-88	-88	0	30	
2021/22-2	000NONPJ	matrix spike	12/29/2021	Nutrient	Phosphorus as P	Dissolved	=	2.56	mg/L	EPA 200.7	0.018	0.05			
2021/22-2	000NONPJ	matrix spike, rec	12/29/2021	Nutrient	Phosphorus as P	Dissolved	=	109	%	EPA 200.7	-88	-88	70	130	
2021/22-2	000NONPJ	matrix spike dup	12/29/2021	Nutrient	Phosphorus as P	Dissolved	=	2.58	mg/L	EPA 200.7	0.018	0.05			
2021/22-2	000NONPJ	matrix spike dup, rec	12/29/2021	Nutrient	Phosphorus as P	Dissolved	=	110	%	EPA 200.7	-88	-88	70	130	
2021/22-2	000NONPJ	matrix spike, RPD	12/29/2021	Nutrient	Phosphorus as P	Dissolved	=	0.6	%	EPA 200.7	-88	-88	0	30	
2021/22-2	000NONPJ	matrix spike	12/29/2021	Nutrient	Phosphorus as P	Dissolved	=	2.31	mg/L	EPA 200.7	0.018	0.05			
2021/22-2	000NONPJ	matrix spike, rec	12/29/2021	Nutrient	Phosphorus as P	Dissolved	=	111	%	EPA 200.7	-88	-88	70	130	
2021/22-2	000NONPJ	matrix spike dup	12/29/2021	Nutrient	Phosphorus as P	Dissolved	=	2.24	mg/L	EPA 200.7	0.018	0.05			
2021/22-2	000NONPJ	matrix spike dup, rec	12/29/2021	Nutrient	Phosphorus as P	Dissolved	=	108	%	EPA 200.7	-88	-88	70	130	
2021/22-2	000NONPJ	matrix spike, RPD	12/29/2021	Nutrient	Phosphorus as P	Dissolved	=	3	%	EPA 200.7	-88	-88	0	30	
2021/22-2	Lab	method blank	12/28/2021	Nutrient	Phosphorus as P	Dissolved	<	0.018	mg/L	EPA 200.7	0.018	0.05			
2021/22-2	Lab	LCS	12/28/2021	Nutrient	Phosphorus as P	Dissolved	=	2.19	mg/L	EPA 200.7	0.018	0.05			
2021/22-2	Lab	LCS, rec	12/28/2021	Nutrient	Phosphorus as P	Dissolved	=	109	%	EPA 200.7	-88	-88	85	115	
2021/22-2	Lab	method blank	12/29/2021	Nutrient	Phosphorus as P	Dissolved	<	0.018	mg/L	EPA 200.7	0.018	0.05			
2021/22-2	Lab	LCS	12/29/2021	Nutrient	Phosphorus as P	Dissolved	=	2.18	mg/L	EPA 200.7	0.018	0.05			
2021/22-2	Lab	LCS, rec	12/29/2021	Nutrient	Phosphorus as P	Dissolved	=	109	%	EPA 200.7	-88	-88	85	115	
2021/22-2	000NONPJ	matrix spike	12/28/2021	Nutrient	Phosphorus as P	Total	=	2.38	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	
2021/22-2	000NONPJ	matrix spike, rec	12/28/2021	Nutrient	Phosphorus as P	Total	=	109	%	EPA 200.7	-88	-88	70	130	
2021/22-2	000NONPJ	matrix spike dup	12/28/2021	Nutrient	Phosphorus as P	Total	=	2.39	mg/L	EPA 200.7	0.018	0.05			
2021/22-2	000NONPJ	matrix spike dup, rec	12/28/2021	Nutrient	Phosphorus as P	Total	=	109	%	EPA 200.7	-88	-88	70	130	
2021/22-2	000NONPJ	matrix spike, RPD	12/28/2021	Nutrient	Phosphorus as P	Total	=	0.3	%	EPA 200.7	-88	-88	0	30	
2021/22-2	000NONPJ	matrix spike	12/28/2021	Nutrient	Phosphorus as P	Total	=	2.13	mg/L	EPA 200.7	0.018	0.05			
2021/22-2	000NONPJ	matrix spike, rec	12/28/2021	Nutrient	Phosphorus as P	Total	=	106	%	EPA 200.7	-88	-88	70	130	
2021/22-2	000NONPJ	matrix spike dup	12/28/2021	Nutrient	Phosphorus as P	Total	=	2.2	mg/L	EPA 200.7	0.018	0.05			
2021/22-2	000NONPJ	matrix spike dup, rec	12/28/2021	Nutrient	Phosphorus as P	Total	=	110	%	EPA 200.7	-88	-88	70	130	
2021/22-2	000NONPJ	matrix spike, RPD	12/28/2021	Nutrient	Phosphorus as P	Total	=	3	%	EPA 200.7	-88	-88	0	30	
2021/22-2	000NONPJ	matrix spike	12/29/2021	Nutrient	Phosphorus as P	Total	=	2.56	mg/L	EPA 200.7	0.018	0.05			
2021/22-2	000NONPJ	matrix spike, rec	12/29/2021	Nutrient	Phosphorus as P	Total	=	109	%	EPA 200.7	-88	-88	70	130	
2021/22-2	000NONPJ	matrix spike dup	12/29/2021	Nutrient	Phosphorus as P	Total	=	2.58	mg/L	EPA 200.7	0.018	0.05			
2021/22-2	000NONPJ	matrix spike dup, rec	12/29/2021	Nutrient	Phosphorus as P	Total	=	110	%	EPA 200.7	-88	-88	70	130	
2021/22-2	000NONPJ	matrix spike, RPD	12/29/2021	Nutrient	Phosphorus as P	Total	=	0.6	%	EPA 200.7	-88	-88	0	30	
2021/22-2	000NONPJ	matrix spike	12/29/2021	Nutrient	Phosphorus as P	Total	=	2.31	mg/L	EPA 200.7	0.018	0.05			
2021/22-2	000NONPJ	matrix spike, rec	12/29/2021	Nutrient	Phosphorus as P	Total	=	111	%	EPA 200.7	-88	-88	70	130	
2021/22-2	000NONPJ	matrix spike dup	12/29/2021	Nutrient	Phosphorus as P	Total	=	2.24	mg/L	EPA 200.7	0.018	0.05			
2021/22-2	000NONPJ	matrix spike dup, rec	12/29/2021	Nutrient	Phosphorus as P	Total	=	108	%	EPA 200.7	-88	-88	70	130	
2021/22-2	000NONPJ	matrix spike, RPD	12/29/2021	Nutrient	Phosphorus as P	Total	=	3	%	EPA 200.7	-88	-88	0	30	
2021/22-2	Lab	method blank	12/28/2021	Nutrient	Phosphorus as P	Total	<	0.018	mg/L	EPA 200.7	0.018	0.05			
2021/22-2	Lab	LCS	12/28/2021	Nutrient	Phosphorus as P	Total	=	2.19	mg/L	EPA 200.7	0.018	0.05			
2021/22-2	Lab	LCS, rec	12/28/2021	Nutrient	Phosphorus as P	Total	=	109	%	EPA 200.7	-88	-88	85	115	
2021/22-2	Lab	method blank	12/29/2021	Nutrient	Phosphorus as P	Total	<	0.018	mg/L	EPA 200.7	0.018	0.05			
2021/22-2	Lab	LCS	12/29/2021	Nutrient	Phosphorus as P	Total	=	2.18	mg/L	EPA 200.7	0.018	0.05			
2021/22-2	Lab	LCS, rec	12/29/2021	Nutrient	Phosphorus as P	Total	=	109	%	EPA 200.7	-88	-88	85	115	
2021/22-2	000NONPJ	matrix spike	1/6/2022	Nutrient	TKN	n/a	=	1.19	mg/L	EPA 351.2	0.065	0.1			
2021/22-2	000NONPJ	matrix spike, rec	1/6/2022	Nutrient	TKN	n/a	=	99	%	EPA 351.2	-88	-88	90	110	
2021/22-2	000NONPJ	matrix spike dup	1/6/2022	Nutrient	TKN	n/a	=	1.23	mg/L	EPA 351.2	0.065	0.1			
2021/22-2	000NONPJ	matrix spike dup, rec	1/6/2022	Nutrient	TKN	n/a	=	103	%	EPA 351.2	-88	-88	90	110	
2021/22-2	000NONPJ	matrix spike, RPD	1/6/2022	Nutrient	TKN	n/a	=	3	%	EPA 351.2	-88	-88	0	10	
2021/22-2	000NONPJ	matrix spike	1/6/2022	Nutrient	TKN	n/a	=	1.21	mg/L	EPA 351.2	0.065	0.1			
2021/22-2	000NONPJ	matrix spike, rec	1/6/2022	Nutrient	TKN	n/a	=	102	%	EPA 351.2	-88	-88	90	110	
2021/22-2	000NONPJ	matrix spike dup	1/6/2022	Nutrient	TKN	n/a	=	1.25	mg/L	EPA 351.2	0.065	0.1			
2021/22-2	000NONPJ	matrix spike dup, rec	1/6/2022	Nutrient	TKN	n/a	=	106	%	EPA 351.2	-88	-88	90	110	
2021/22-2	000NONPJ	matrix spike, RPD	1/6/2022	Nutrient	TKN	n/a	=	3	%	EPA 351.2	-88	-88	0	10	
2021/22-2	000NONPJ	matrix spike	1/12/2022	Nutrient	TKN	n/a	=	1.18	mg/L	EPA 351.2	0.065	0.1			
2021/22-2	000NONPJ	matrix spike, rec	1/12/2022	Nutrient	TKN	n/a	=	92	%	EPA 351.2	-88	-88	90	110	
2021/22-2	000NONPJ	matrix spike dup	1/12/2022	Nutrient	TKN	n/a	=	1.22	mg/L	EPA 351.2	0.065	0.1			
2021/22-2	000NONPJ	matrix spike dup, rec	1/12/2022	Nutrient	TKN	n/a	=	96	%	EPA 351.2	-88	-88	90	110	
2021/22-2	000NONPJ	matrix spike, RPD	1/12/2022	Nutrient	TKN	n/a	=	3	%	EPA 351.2	-88	-88	0	10	
2021/22-2	000NONPJ	matrix spike	1/12/2022	Nutrient	TKN	n/a	=	1.16	mg/L	EPA 351.2	0.065	0.1			
2021/22-2	000NONPJ	matrix spike, rec	1/12/2022	Nutrient	TKN	n/a	=	96	%	EPA 351.2	-88	-88	90	110	
2021/22-2	000NONPJ	matrix spike dup	1/12/2022	Nutrient	TKN	n/a	=	1.18	mg/L	EPA 351.2	0.065	0.1			
2021/22-2	000NONPJ	matrix spike dup, rec	1/12/2022	Nutrient	TKN	n/a	=	98	%	EPA 351.2	-88	-88	90	110	
2021/22-2	000NONPJ	matrix spike, RPD	1/12/2022	Nutrient	TKN	n/a	=	1	%	EPA 351.2	-88	-88	0	10	
2021/22-2	Lab	method blank	1/6/2022	Nutrient	TKN	n/a	<	0.065	mg/L	EPA 351.2	0.065	0.1			
2021/22-2	Lab	LCS	1/6/2022	Nutrient	TKN	n/a	=	0.983	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	
2021/22-2	Lab	LCS, rec	1/6/2022	Nutrient	TKN	n/a	=	98	%	EPA 351.2	-88	-88	90	110	
2021/22-2	Lab	method blank	1/6/2022	Nutrient	TKN	n/a	<	0.065	mg/L	EPA 351.2	0.065	0.1			
2021/22-2	Lab	LCS	1/6/2022	Nutrient	TKN	n/a	=	1.04	mg/L	EPA 351.2	0.065	0.1			
2021/22-2	Lab	LCS, rec	1/6/2022	Nutrient	TKN	n/a	=	104	%	EPA 351.2	-88	-88	90	110	
2021/22-2	Lab	method blank	1/12/2022	Nutrient	TKN	n/a	<	0.065	mg/L	EPA 351.2	0.065	0.1			
2021/22-2	Lab	LCS	1/12/2022	Nutrient	TKN	n/a	=	0.936	mg/L	EPA 351.2	0.065	0.1			
2021/22-2	Lab	LCS, rec	1/12/2022	Nutrient	TKN	n/a	=	94	%	EPA 351.2	-88	-88	90	110	
2021/22-2	Lab	method blank	1/12/2022	Nutrient	TKN	n/a	<	0.065	mg/L	EPA 351.2	0.065	0.1			
2021/22-2	Lab	LCS	1/12/2022	Nutrient	TKN	n/a	=	0.932	mg/L	EPA 351.2	0.065	0.1			
2021/22-2	Lab	LCS, rec	1/12/2022	Nutrient	TKN	n/a	=	93	%	EPA 351.2	-88	-88	90	110	
2021/22-2	Lab	LCS dup	1/18/2022	Organic	1,2,4-Trichlorobenzene	n/a	=	18.4	µg/L	EPA 625.1	0.49	1			
2021/22-2	Lab	LCS dup, rec	1/18/2022	Organic	1,2,4-Trichlorobenzene	n/a	=	92	%	EPA 625.1	-88	-88	57	130	
2021/22-2	Lab	LCS, RPD	1/18/2022	Organic	1,2,4-Trichlorobenzene	n/a	=	9	%	EPA 625.1	-88	-88	0	30	
2021/22-2	Lab	LCS	1/18/2022	Organic	1,2,4-Trichlorobenzene	n/a	=	16.7	µg/L	EPA 625.1	0.49	1			
2021/22-2	Lab	LCS, rec	1/18/2022	Organic	1,2,4-Trichlorobenzene	n/a	=	84	%	EPA 625.1	-88	-88	57	130	
2021/22-2	Lab	method blank	1/18/2022	Organic	1,2,4-Trichlorobenzene	n/a	<	0.49	µg/L	EPA 625.1	0.49	1			
2021/22-2	Lab	LCS dup	1/18/2022	Organic	1,2-Dichlorobenzene	n/a	=	16.7	µg/L	EPA 625.1	0.46	1			
2021/22-2	Lab	LCS dup, rec	1/18/2022	Organic	1,2-Dichlorobenzene	n/a	=	84	%	EPA 625.1	-88	-88	57	120	
2021/22-2	Lab	LCS, RPD	1/18/2022	Organic	1,2-Dichlorobenzene	n/a	=	8	%	EPA 625.1	-88	-88	0	30	
2021/22-2	Lab	LCS	1/18/2022	Organic	1,2-Dichlorobenzene	n/a	=	15.5	µg/L	EPA 625.1	0.46	1			
2021/22-2	Lab	LCS, rec	1/18/2022	Organic	1,2-Dichlorobenzene	n/a	=	77	%	EPA 625.1	-88	-88	57	120	
2021/22-2	Lab	method blank	1/18/2022	Organic	1,2-Dichlorobenzene	n/a	<	0.46	µg/L	EPA 625.1	0.46	1			
2021/22-2	Lab	srgt LCS	12/16/2021	Organic	1,2-Dichloroethane-d4	n/a	=	51.6	µg/L	EPA 624.1	-88	-88			
2021/22-2	Lab	srgt LCS, rec	12/16/2021	Organic	1,2-Dichloroethane-d4	n/a	=	103	%	EPA 624.1	-88	-88	82	125	
2021/22-2	Lab	srgt LCS dup	12/16/2021	Organic	1,2-Dichloroethane-d4	n/a	=	50	µg/L	EPA 624.1	-88	-88			
2021/22-2	Lab	srgt LCS dup, rec	12/16/2021	Organic	1,2-Dichloroethane-d4	n/a	=	100	%	EPA 624.1	-88	-88	82	125	
2021/22-2	Lab	srgt method blank	12/16/2021	Organic	1,2-Dichloroethane-d4	n/a	=	51.4	µg/L	EPA 624.1	-88	-88			
2021/22-2	Lab	srgt method blank, rec	12/16/2021	Organic	1,2-Dichloroethane-d4	n/a	=	103	%	EPA 624.1	-88	-88	82	125	
2021/22-2	Lab	srgt LCS	12/16/2021	Organic	1,2-Dichloroethane-d4	n/a	=	51.6	µg/L	EPA 624.1	-88	-88			
2021/22-2	Lab	srgt LCS, rec	12/16/2021	Organic	1,2-Dichloroethane-d4	n/a	=	103	%	EPA 624.1	-88	-88	82	125	
2021/22-2	Lab	srgt LCS dup	12/16/2021	Organic	1,2-Dichloroethane-d4	n/a	=	51.6	µg/L	EPA 624.1	-88	-88			
2021/22-2	Lab	srgt LCS dup, rec	12/16/2021	Organic	1,2-Dichloroethane-d4	n/a	=	103	%	EPA 624.1	-88	-88	82	125	
2021/22-2	Lab	srgt method blank	12/16/2021	Organic	1,2-Dichloroethane-d4	n/a	=	50.4	µg/L	EPA 624.1	-88	-88			
2021/22-2	Lab	srgt method blank, rec	12/16/2021	Organic	1,2-Dichloroethane-d4	n/a	=	101	%	EPA 624.1	-88	-88	82	125	
2021/22-2	ME-CC	srgt environ	12/16/2021	Organic	1,2-Dichloroethane-d4	n/a	=	50.5	µg/L	EPA 624.1	-88	-88			
2021/22-2	ME-CC	srgt environ, rec	12/16/2021	Organic	1,2-Dichloroethane-d4	n/a	=	101	%	EPA 624.1	-88	-88	82	125	
2021/22-2	ME-CC	srgt environ	12/17/2021	Organic	1,2-Dichloroethane-d4	n/a	=	51.8	µg/L	EPA 624.1	-88	-88			
2021/22-2	ME-CC	srgt environ, rec	12/17/2021	Organic	1,2-Dichloroethane-d4	n/a	=	104	%	EPA 624.1	-88	-88	82	125	
2021/22-2	ME-SCR	srgt environ	12/16/2021	Organic	1,2-Dichloroethane-d4	n/a	=	52.8	µg/L	EPA 624.1	-88	-88			
2021/22-2	ME-SCR	srgt environ, rec	12/16/2021	Organic	1,2-Dichloroethane-d4	n/a	=	106	%	EPA 624.1	-88	-88	82	125	
2021/22-2	ME-VR2	srgt environ	12/16/2021	Organic	1,2-Dichloroethane-d4	n/a	=	51.5	µg/L	EPA 624.1	-88	-88			
2021/22-2	ME-VR2	srgt environ, rec	12/16/2021	Organic	1,2-Dichloroethane-d4	n/a	=	103	%	EPA 624.1	-88	-88	82	125	
2021/22-2	MO-CAM	srgt environ	12/16/2021	Organic	1,2-Dichloroethane-d4	n/a	=	51.3	µg/L	EPA 624.1	-88	-88			
2021/22-2	MO-CAM	srgt environ, rec	12/16/2021	Organic	1,2-Dichloroethane-d4	n/a	=	103	%	EPA 624.1	-88	-88	82	125	
2021/22-2	MO-CAM	srgt field blank	12/17/2021	Organic	1,2-Dichloroethane-d4	n/a	=	50.8	µg/L	EPA 624.1	-88	-88			
2021/22-2	MO-CAM	srgt field blank, rec	12/17/2021	Organic	1,2-Dichloroethane-d4	n/a	=	102	%	EPA 624.1	-88	-88	82	125	
2021/22-2	MO-FIL	srgt environ	12/16/2021	Organic	1,2-Dichloroethane-d4	n/a	=	51.1	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	
2021/22-2	MO-FIL	srgt environ, rec	12/16/2021	Organic	1,2-Dichloroethane-d4	n/a	=	102	%	EPA 624.1	-88	-88	82	125	
2021/22-2	MO-HUE	srgt environ	12/16/2021	Organic	1,2-Dichloroethane-d4	n/a	=	52.9	µg/L	EPA 624.1	-88	-88			
2021/22-2	MO-HUE	srgt environ, rec	12/16/2021	Organic	1,2-Dichloroethane-d4	n/a	=	106	%	EPA 624.1	-88	-88	82	125	
2021/22-2	MO-MEI	srgt environ	12/16/2021	Organic	1,2-Dichloroethane-d4	n/a	=	51.6	µg/L	EPA 624.1	-88	-88			
2021/22-2	MO-MEI	srgt environ, rec	12/16/2021	Organic	1,2-Dichloroethane-d4	n/a	=	103	%	EPA 624.1	-88	-88	82	125	
2021/22-2	MO-MPK	srgt environ	12/16/2021	Organic	1,2-Dichloroethane-d4	n/a	=	52.4	µg/L	EPA 624.1	-88	-88			
2021/22-2	MO-MPK	srgt environ, rec	12/16/2021	Organic	1,2-Dichloroethane-d4	n/a	=	105	%	EPA 624.1	-88	-88	82	125	
2021/22-2	MO-OJA	srgt environ	12/16/2021	Organic	1,2-Dichloroethane-d4	n/a	=	52.2	µg/L	EPA 624.1	-88	-88			
2021/22-2	MO-OJA	srgt environ, rec	12/16/2021	Organic	1,2-Dichloroethane-d4	n/a	=	104	%	EPA 624.1	-88	-88	82	125	
2021/22-2	MO-OXN	srgt environ	12/16/2021	Organic	1,2-Dichloroethane-d4	n/a	=	51.3	µg/L	EPA 624.1	-88	-88			
2021/22-2	MO-OXN	srgt environ, rec	12/16/2021	Organic	1,2-Dichloroethane-d4	n/a	=	103	%	EPA 624.1	-88	-88	82	125	
2021/22-2	MO-SIM	srgt environ	12/16/2021	Organic	1,2-Dichloroethane-d4	n/a	=	51	µg/L	EPA 624.1	-88	-88			
2021/22-2	MO-SIM	srgt environ, rec	12/16/2021	Organic	1,2-Dichloroethane-d4	n/a	=	102	%	EPA 624.1	-88	-88	82	125	
2021/22-2	MO-SPA	srgt environ	12/16/2021	Organic	1,2-Dichloroethane-d4	n/a	=	52.3	µg/L	EPA 624.1	-88	-88			
2021/22-2	MO-SPA	srgt environ, rec	12/16/2021	Organic	1,2-Dichloroethane-d4	n/a	=	105	%	EPA 624.1	-88	-88	82	125	
2021/22-2	MO-THO	srgt environ	12/16/2021	Organic	1,2-Dichloroethane-d4	n/a	=	52.3	µg/L	EPA 624.1	-88	-88			
2021/22-2	MO-THO	srgt environ, rec	12/16/2021	Organic	1,2-Dichloroethane-d4	n/a	=	105	%	EPA 624.1	-88	-88	82	125	
2021/22-2	MO-VEN	srgt environ	12/16/2021	Organic	1,2-Dichloroethane-d4	n/a	=	50.6	µg/L	EPA 624.1	-88	-88			
2021/22-2	MO-VEN	srgt environ, rec	12/16/2021	Organic	1,2-Dichloroethane-d4	n/a	=	101	%	EPA 624.1	-88	-88	82	125	
2021/22-2	Lab	method blank	1/18/2022	Organic	1,2-Diphenylhydrazine	n/a	<	0.3	µg/L	EPA 625.1	0.3	1			
2021/22-2	Lab	LCS dup	1/18/2022	Organic	1,3-Dichlorobenzene	n/a	=	16.7	µg/L	EPA 625.1	0.42	1			
2021/22-2	Lab	LCS dup, rec	1/18/2022	Organic	1,3-Dichlorobenzene	n/a	=	83	%	EPA 625.1	-88	-88	55	120	
2021/22-2	Lab	LCS, RPD	1/18/2022	Organic	1,3-Dichlorobenzene	n/a	=	8	%	EPA 625.1	-88	-88	0	30	
2021/22-2	Lab	LCS	1/18/2022	Organic	1,3-Dichlorobenzene	n/a	=	15.4	µg/L	EPA 625.1	0.42	1			
2021/22-2	Lab	LCS, rec	1/18/2022	Organic	1,3-Dichlorobenzene	n/a	=	77	%	EPA 625.1	-88	-88	55	120	
2021/22-2	Lab	method blank	1/18/2022	Organic	1,3-Dichlorobenzene	n/a	<	0.42	µg/L	EPA 625.1	0.42	1			
2021/22-2	000NONPJ	srgt matrix spike	12/28/2021	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.453	µg/L	EPA 625.1m	-88	-88			
2021/22-2	000NONPJ	srgt matrix spike, rec	12/28/2021	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	91	%	EPA 625.1m	-88	-88	23	148	
2021/22-2	000NONPJ	srgt matrix spike dup	12/28/2021	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.45	µg/L	EPA 625.1m	-88	-88			
2021/22-2	000NONPJ	srgt matrix spike dup, rec	12/28/2021	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	90	%	EPA 625.1m	-88	-88	23	148	
2021/22-2	Lab	srgt method blank	12/22/2021	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	5.16	µg/L	EPA 525.2	-88	-88			
2021/22-2	Lab	srgt method blank, rec	12/22/2021	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	103	%	EPA 525.2	-88	-88	70	130	
2021/22-2	Lab	srgt LCS	12/22/2021	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	5.35	µg/L	EPA 525.2	-88	-88			
2021/22-2	Lab	srgt LCS, rec	12/22/2021	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	107	%	EPA 525.2	-88	-88	70	130	
2021/22-2	Lab	srgt LCS dup	12/22/2021	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	5.4	µg/L	EPA 525.2	-88	-88			
2021/22-2	Lab	srgt LCS dup, rec	12/22/2021	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	108	%	EPA 525.2	-88	-88	70	130	
2021/22-2	Lab	srgt method blank	12/23/2021	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	5.29	µg/L	EPA 525.2	-88	-88			
2021/22-2	Lab	srgt method blank, rec	12/23/2021	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	106	%	EPA 525.2	-88	-88	70	130	
2021/22-2	Lab	srgt LCS	12/23/2021	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	5.18	µg/L	EPA 525.2	-88	-88			
2021/22-2	Lab	srgt LCS, rec	12/23/2021	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	104	%	EPA 525.2	-88	-88	70	130	
2021/22-2	Lab	srgt LCS dup	12/23/2021	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	5.41	µg/L	EPA 525.2	-88	-88			
2021/22-2	Lab	srgt LCS dup, rec	12/23/2021	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	108	%	EPA 525.2	-88	-88	70	130	
2021/22-2	Lab	srgt method blank	12/27/2021	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	5.44	µg/L	EPA 525.2	-88	-88			
2021/22-2	Lab	srgt method blank, rec	12/27/2021	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	109	%	EPA 525.2	-88	-88	70	130	
2021/22-2	Lab	srgt LCS	12/27/2021	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	5.41	µg/L	EPA 525.2	-88	-88			
2021/22-2	Lab	srgt LCS, rec	12/27/2021	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	108	%	EPA 525.2	-88	-88	70	130	
2021/22-2	Lab	srgt LCS dup	12/27/2021	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	5.35	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	
2021/22-2	Lab	srgt LCS dup, rec	12/27/2021	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	107	%	EPA 525.2	-88	-88	70	130	
2021/22-2	Lab	srgt LCS	12/28/2021	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.43	µg/L	EPA 625.1m	-88	-88			
2021/22-2	Lab	srgt LCS, rec	12/28/2021	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	86	%	EPA 625.1m	-88	-88	23	148	
2021/22-2	Lab	srgt method blank	12/28/2021	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.395	µg/L	EPA 625.1m	-88	-88			
2021/22-2	Lab	srgt method blank, rec	12/28/2021	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	79	%	EPA 625.1m	-88	-88	23	148	
2021/22-2	Lab	srgt method blank	12/29/2021	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	5.09	µg/L	EPA 525.2	-88	-88			
2021/22-2	Lab	srgt method blank, rec	12/29/2021	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	102	%	EPA 525.2	-88	-88	70	130	
2021/22-2	Lab	srgt LCS	12/29/2021	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	5.01	µg/L	EPA 525.2	-88	-88			
2021/22-2	Lab	srgt LCS, rec	12/29/2021	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	100	%	EPA 525.2	-88	-88	70	130	
2021/22-2	Lab	srgt LCS dup	12/29/2021	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	5.27	µg/L	EPA 525.2	-88	-88			
2021/22-2	Lab	srgt LCS dup, rec	12/29/2021	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	105	%	EPA 525.2	-88	-88	70	130	
2021/22-2	Lab	srgt LCS	1/11/2022	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.413	µg/L	EPA 625.1m	-88	-88			
2021/22-2	Lab	srgt LCS, rec	1/11/2022	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	83	%	EPA 625.1m	-88	-88	23	148	
2021/22-2	Lab	srgt method blank	1/11/2022	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.443	µg/L	EPA 625.1m	-88	-88			
2021/22-2	Lab	srgt method blank, rec	1/11/2022	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	89	%	EPA 625.1m	-88	-88	23	148	
2021/22-2	Lab	srgt LCS	1/11/2022	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.393	µg/L	EPA 625.1m	-88	-88			
2021/22-2	Lab	srgt LCS, rec	1/11/2022	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	79	%	EPA 625.1m	-88	-88	23	148	
2021/22-2	Lab	srgt method blank	1/11/2022	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.34	µg/L	EPA 625.1m	-88	-88			
2021/22-2	Lab	srgt method blank, rec	1/11/2022	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	68	%	EPA 625.1m	-88	-88	23	148	
2021/22-2	ME-CC	srgt environ	12/23/2021	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	54.8	µg/L	EPA 525.2	-88	-88			
2021/22-2	ME-CC	srgt environ, rec	12/23/2021	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	110	%	EPA 525.2	-88	-88	70	130	
2021/22-2	ME-CC	srgt environ	1/11/2022	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.388	µg/L	EPA 625.1m	-88	-88			
2021/22-2	ME-CC	srgt environ, rec	1/11/2022	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	78	%	EPA 625.1m	-88	-88	23	148	
2021/22-2	ME-SCR	srgt environ	12/27/2021	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	54.5	µg/L	EPA 525.2	-88	-88			
2021/22-2	ME-SCR	srgt environ, rec	12/27/2021	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	109	%	EPA 525.2	-88	-88	70	130	
2021/22-2	ME-SCR	srgt matrix spike	1/11/2022	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	2.58	µg/L	EPA 625.1m	-88	-88			
2021/22-2	ME-SCR	srgt matrix spike, rec	1/11/2022	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	103	%	EPA 625.1m	-88	-88	23	148	
2021/22-2	ME-SCR	srgt matrix spike dup	1/11/2022	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	2.21	µg/L	EPA 625.1m	-88	-88			
2021/22-2	ME-SCR	srgt matrix spike dup, rec	1/11/2022	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	88	%	EPA 625.1m	-88	-88	23	148	
2021/22-2	ME-SCR	srgt environ	1/11/2022	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	2.08	µg/L	EPA 625.1m	-88	-88			
2021/22-2	ME-SCR	srgt environ, rec	1/11/2022	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	83	%	EPA 625.1m	-88	-88	23	148	
2021/22-2	ME-VR2	srgt environ	12/22/2021	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	27.4	µg/L	EPA 525.2	-88	-88			
2021/22-2	ME-VR2	srgt environ, rec	12/22/2021	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	110	%	EPA 525.2	-88	-88	70	130	
2021/22-2	ME-VR2	srgt environ	12/28/2021	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.404	µg/L	EPA 625.1m	-88	-88			
2021/22-2	ME-VR2	srgt environ, rec	12/28/2021	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	81	%	EPA 625.1m	-88	-88	23	148	
2021/22-2	MO-CAM	srgt environ	12/23/2021	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	53.7	µg/L	EPA 525.2	-88	-88			
2021/22-2	MO-CAM	srgt environ, rec	12/23/2021	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	107	%	EPA 525.2	-88	-88	70	130	
2021/22-2	MO-CAM	srgt environ	1/11/2022	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.492	µg/L	EPA 625.1m	-88	-88			
2021/22-2	MO-CAM	srgt environ, rec	1/11/2022	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	98	%	EPA 625.1m	-88	-88	23	148	
2021/22-2	MO-FIL	srgt environ	12/23/2021	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	55.2	µg/L	EPA 525.2	-88	-88			
2021/22-2	MO-FIL	srgt environ, rec	12/23/2021	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	110	%	EPA 525.2	-88	-88	70	130	
2021/22-2	MO-FIL	srgt environ	12/28/2021	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.298	µg/L	EPA 625.1m	-88	-88			
2021/22-2	MO-FIL	srgt environ, rec	12/28/2021	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	60	%	EPA 625.1m	-88	-88	23	148	
2021/22-2	MO-HUE	srgt environ	12/22/2021	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	26.4	µg/L	EPA 525.2	-88	-88			
2021/22-2	MO-HUE	srgt environ, rec	12/22/2021	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	106	%	EPA 525.2	-88	-88	70	130	
2021/22-2	MO-HUE	srgt environ	12/28/2021	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.177	µg/L	EPA 625.1m	-88	-88			
2021/22-2	MO-HUE	srgt environ, rec	12/28/2021	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	35	%	EPA 625.1m	-88	-88	23	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	
2021/22-2	MO-MEI	srgt environ	12/23/2021	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	54.8	µg/L	EPA 525.2	-88	-88			
2021/22-2	MO-MEI	srgt environ, rec	12/23/2021	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	110	%	EPA 525.2	-88	-88	70	130	
2021/22-2	MO-MEI	srgt environ	12/28/2021	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	2.25	µg/L	EPA 625.1m	-88	-88			
2021/22-2	MO-MEI	srgt environ, rec	12/28/2021	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	90	%	EPA 625.1m	-88	-88	23	148	
2021/22-2	MO-MPK	srgt environ	12/23/2021	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	55.6	µg/L	EPA 525.2	-88	-88			
2021/22-2	MO-MPK	srgt environ, rec	12/23/2021	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	111	%	EPA 525.2	-88	-88	70	130	
2021/22-2	MO-MPK	srgt environ	12/28/2021	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	2.31	µg/L	EPA 625.1m	-88	-88			
2021/22-2	MO-MPK	srgt environ, rec	12/28/2021	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	93	%	EPA 625.1m	-88	-88	23	148	
2021/22-2	MO-OJA	srgt environ	12/23/2021	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	54.5	µg/L	EPA 525.2	-88	-88			
2021/22-2	MO-OJA	srgt environ, rec	12/23/2021	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	109	%	EPA 525.2	-88	-88	70	130	
2021/22-2	MO-OJA	srgt environ	12/28/2021	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	2.04	µg/L	EPA 625.1m	-88	-88			
2021/22-2	MO-OJA	srgt environ, rec	12/28/2021	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	82	%	EPA 625.1m	-88	-88	23	148	
2021/22-2	MO-OXN	srgt environ	12/28/2021	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.0751	µg/L	EPA 625.1m	-88	-88			GN
2021/22-2	MO-OXN	srgt environ, rec	12/28/2021	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	15	%	EPA 625.1m	-88	-88	23	148	GN
2021/22-2	MO-OXN	srgt environ	12/29/2021	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	26.3	µg/L	EPA 525.2	-88	-88			
2021/22-2	MO-OXN	srgt environ, rec	12/29/2021	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	105	%	EPA 525.2	-88	-88	70	130	
2021/22-2	MO-SIM	srgt environ	12/23/2021	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	54.2	µg/L	EPA 525.2	-88	-88			
2021/22-2	MO-SIM	srgt environ, rec	12/23/2021	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	108	%	EPA 525.2	-88	-88	70	130	
2021/22-2	MO-SIM	srgt environ	12/28/2021	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	2.17	µg/L	EPA 625.1m	-88	-88			
2021/22-2	MO-SIM	srgt environ, rec	12/28/2021	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	87	%	EPA 625.1m	-88	-88	23	148	
2021/22-2	MO-SPA	srgt environ	12/23/2021	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	55	µg/L	EPA 525.2	-88	-88			
2021/22-2	MO-SPA	srgt environ, rec	12/23/2021	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	110	%	EPA 525.2	-88	-88	70	130	
2021/22-2	MO-SPA	srgt environ	12/28/2021	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	1.58	µg/L	EPA 625.1m	-88	-88			
2021/22-2	MO-SPA	srgt environ, rec	12/28/2021	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	63	%	EPA 625.1m	-88	-88	23	148	
2021/22-2	MO-THO	srgt environ	12/23/2021	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	54.8	µg/L	EPA 525.2	-88	-88			
2021/22-2	MO-THO	srgt environ, rec	12/23/2021	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	110	%	EPA 525.2	-88	-88	70	130	
2021/22-2	MO-THO	srgt environ	1/11/2022	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.299	µg/L	EPA 625.1m	-88	-88			
2021/22-2	MO-THO	srgt environ, rec	1/11/2022	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	60	%	EPA 625.1m	-88	-88	23	148	
2021/22-2	MO-VEN	srgt environ	12/23/2021	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	55.1	µg/L	EPA 525.2	-88	-88			
2021/22-2	MO-VEN	srgt environ, rec	12/23/2021	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	110	%	EPA 525.2	-88	-88	70	130	
2021/22-2	MO-VEN	srgt environ	1/11/2022	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.358	µg/L	EPA 625.1m	-88	-88			
2021/22-2	MO-VEN	srgt environ, rec	1/11/2022	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	72	%	EPA 625.1m	-88	-88	23	148	
2021/22-2	Lab	LCS dup	1/18/2022	Organic	1,4-Dichlorobenzene	n/a	=	17.4	µg/L	EPA 625.1	0.48	1			
2021/22-2	Lab	LCS dup, rec	1/18/2022	Organic	1,4-Dichlorobenzene	n/a	=	87	%	EPA 625.1	-88	-88	55	120	
2021/22-2	Lab	LCS, RPD	1/18/2022	Organic	1,4-Dichlorobenzene	n/a	=	7	%	EPA 625.1	-88	-88	0	30	
2021/22-2	Lab	LCS	1/18/2022	Organic	1,4-Dichlorobenzene	n/a	=	16.1	µg/L	EPA 625.1	0.48	1			
2021/22-2	Lab	LCS, rec	1/18/2022	Organic	1,4-Dichlorobenzene	n/a	=	81	%	EPA 625.1	-88	-88	55	120	
2021/22-2	Lab	method blank	1/18/2022	Organic	1,4-Dichlorobenzene	n/a	<	0.48	µg/L	EPA 625.1	0.48	1			
2021/22-2	Lab	method blank	1/14/2022	Organic	1-Methylnaphthalene	n/a	<	0.024	µg/L	EPA 8270C	0.024	0.1			
2021/22-2	Lab	method blank	1/14/2022	Organic	1-Methylphenanthrene	n/a	<	0.048	µg/L	EPA 8270C	0.048	0.1			
2021/22-2	Lab	method blank	1/13/2022	Organic	2,4,5-Trichlorophenol	n/a	<	0.29	µg/L	EPA 8270C	0.29	1			
2021/22-2	Lab	srgt method blank	1/13/2022	Organic	2,4,6-Tribromophenol	n/a	=	6.72	µg/L	EPA 8270C	-88	-88			
2021/22-2	Lab	srgt method blank, rec	1/13/2022	Organic	2,4,6-Tribromophenol	n/a	=	67	%	EPA 8270C	-88	-88	26	117	
2021/22-2	Lab	srgt LCS	1/14/2022	Organic	2,4,6-Tribromophenol	n/a	=	36.3	µg/L	EPA 8270C	-88	-88			
2021/22-2	Lab	srgt LCS, rec	1/14/2022	Organic	2,4,6-Tribromophenol	n/a	=	91	%	EPA 8270C	-88	-88	26	117	
2021/22-2	Lab	srgt LCS dup	1/14/2022	Organic	2,4,6-Tribromophenol	n/a	=	34.1	µg/L	EPA 8270C	-88	-88			
2021/22-2	Lab	srgt LCS dup, rec	1/14/2022	Organic	2,4,6-Tribromophenol	n/a	=	85	%	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	
2021/22-2	Lab	srgt LCS dup	1/18/2022	Organic	2,4,6-Tribromophenol	n/a	=	43.6	µg/L	EPA 625.1	-88	-88			
2021/22-2	Lab	srgt LCS dup, rec	1/18/2022	Organic	2,4,6-Tribromophenol	n/a	=	109	%	EPA 625.1	-88	-88	25	120	
2021/22-2	Lab	srgt LCS	1/18/2022	Organic	2,4,6-Tribromophenol	n/a	=	40	µg/L	EPA 625.1	-88	-88			
2021/22-2	Lab	srgt LCS, rec	1/18/2022	Organic	2,4,6-Tribromophenol	n/a	=	100	%	EPA 625.1	-88	-88	25	120	
2021/22-2	Lab	srgt method blank	1/18/2022	Organic	2,4,6-Tribromophenol	n/a	=	29.9	µg/L	EPA 625.1	-88	-88			
2021/22-2	Lab	srgt method blank, rec	1/18/2022	Organic	2,4,6-Tribromophenol	n/a	=	75	%	EPA 625.1	-88	-88	25	120	
2021/22-2	ME-CC	srgt environ	1/14/2022	Organic	2,4,6-Tribromophenol	n/a	=	32	µg/L	EPA 8270C	-88	-88			
2021/22-2	ME-CC	srgt environ, rec	1/14/2022	Organic	2,4,6-Tribromophenol	n/a	=	79	%	EPA 8270C	-88	-88	26	117	
2021/22-2	ME-CC	srgt environ	1/18/2022	Organic	2,4,6-Tribromophenol	n/a	=	40.7	µg/L	EPA 625.1	-88	-88			
2021/22-2	ME-CC	srgt environ, rec	1/18/2022	Organic	2,4,6-Tribromophenol	n/a	=	100	%	EPA 625.1	-88	-88	25	120	
2021/22-2	ME-SCR	srgt environ	1/14/2022	Organic	2,4,6-Tribromophenol	n/a	=	5.87	µg/L	EPA 8270C	-88	-88			GN
2021/22-2	ME-SCR	srgt environ, rec	1/14/2022	Organic	2,4,6-Tribromophenol	n/a	=	14	%	EPA 8270C	-88	-88	26	117	GN
2021/22-2	ME-SCR	srgt environ	1/18/2022	Organic	2,4,6-Tribromophenol	n/a	=	8.08	µg/L	EPA 625.1	-88	-88			GN
2021/22-2	ME-SCR	srgt environ, rec	1/18/2022	Organic	2,4,6-Tribromophenol	n/a	=	19	%	EPA 625.1	-88	-88	25	120	GN
2021/22-2	ME-VR2	srgt environ	1/14/2022	Organic	2,4,6-Tribromophenol	n/a	=	33.6	µg/L	EPA 8270C	-88	-88			
2021/22-2	ME-VR2	srgt environ, rec	1/14/2022	Organic	2,4,6-Tribromophenol	n/a	=	83	%	EPA 8270C	-88	-88	26	117	
2021/22-2	ME-VR2	srgt environ	1/18/2022	Organic	2,4,6-Tribromophenol	n/a	=	42.2	µg/L	EPA 625.1	-88	-88			
2021/22-2	ME-VR2	srgt environ, rec	1/18/2022	Organic	2,4,6-Tribromophenol	n/a	=	105	%	EPA 625.1	-88	-88	25	120	
2021/22-2	MO-CAM	srgt environ	1/14/2022	Organic	2,4,6-Tribromophenol	n/a	=	32.9	µg/L	EPA 8270C	-88	-88			
2021/22-2	MO-CAM	srgt environ, rec	1/14/2022	Organic	2,4,6-Tribromophenol	n/a	=	81	%	EPA 8270C	-88	-88	26	117	
2021/22-2	MO-CAM	srgt environ	1/18/2022	Organic	2,4,6-Tribromophenol	n/a	=	44.4	µg/L	EPA 625.1	-88	-88			
2021/22-2	MO-CAM	srgt environ, rec	1/18/2022	Organic	2,4,6-Tribromophenol	n/a	=	109	%	EPA 625.1	-88	-88	25	120	
2021/22-2	MO-FIL	srgt environ	1/14/2022	Organic	2,4,6-Tribromophenol	n/a	=	29.9	µg/L	EPA 8270C	-88	-88			
2021/22-2	MO-FIL	srgt environ, rec	1/14/2022	Organic	2,4,6-Tribromophenol	n/a	=	74	%	EPA 8270C	-88	-88	26	117	
2021/22-2	MO-FIL	srgt environ	1/19/2022	Organic	2,4,6-Tribromophenol	n/a	=	37.7	µg/L	EPA 625.1	-88	-88			
2021/22-2	MO-FIL	srgt environ, rec	1/19/2022	Organic	2,4,6-Tribromophenol	n/a	=	93	%	EPA 625.1	-88	-88	25	120	
2021/22-2	MO-HUE	srgt environ	1/14/2022	Organic	2,4,6-Tribromophenol	n/a	=	34.2	µg/L	EPA 8270C	-88	-88			
2021/22-2	MO-HUE	srgt environ, rec	1/14/2022	Organic	2,4,6-Tribromophenol	n/a	=	83	%	EPA 8270C	-88	-88	26	117	
2021/22-2	MO-HUE	srgt environ	1/19/2022	Organic	2,4,6-Tribromophenol	n/a	=	44.6	µg/L	EPA 625.1	-88	-88			
2021/22-2	MO-HUE	srgt environ, rec	1/19/2022	Organic	2,4,6-Tribromophenol	n/a	=	109	%	EPA 625.1	-88	-88	25	120	
2021/22-2	MO-MEI	srgt environ	1/14/2022	Organic	2,4,6-Tribromophenol	n/a	=	25.8	µg/L	EPA 8270C	-88	-88			
2021/22-2	MO-MEI	srgt environ, rec	1/14/2022	Organic	2,4,6-Tribromophenol	n/a	=	62	%	EPA 8270C	-88	-88	26	117	
2021/22-2	MO-MEI	srgt environ	1/18/2022	Organic	2,4,6-Tribromophenol	n/a	=	34.7	µg/L	EPA 625.1	-88	-88			
2021/22-2	MO-MEI	srgt environ, rec	1/18/2022	Organic	2,4,6-Tribromophenol	n/a	=	84	%	EPA 625.1	-88	-88	25	120	
2021/22-2	MO-MPK	srgt environ	1/14/2022	Organic	2,4,6-Tribromophenol	n/a	=	29.2	µg/L	EPA 8270C	-88	-88			
2021/22-2	MO-MPK	srgt environ, rec	1/14/2022	Organic	2,4,6-Tribromophenol	n/a	=	72	%	EPA 8270C	-88	-88	26	117	
2021/22-2	MO-MPK	srgt environ	1/19/2022	Organic	2,4,6-Tribromophenol	n/a	=	40.1	µg/L	EPA 625.1	-88	-88			
2021/22-2	MO-MPK	srgt environ, rec	1/19/2022	Organic	2,4,6-Tribromophenol	n/a	=	98	%	EPA 625.1	-88	-88	25	120	
2021/22-2	MO-OJA	srgt environ	1/14/2022	Organic	2,4,6-Tribromophenol	n/a	=	27.9	µg/L	EPA 8270C	-88	-88			
2021/22-2	MO-OJA	srgt environ, rec	1/14/2022	Organic	2,4,6-Tribromophenol	n/a	=	68	%	EPA 8270C	-88	-88	26	117	
2021/22-2	MO-OJA	srgt environ	1/18/2022	Organic	2,4,6-Tribromophenol	n/a	=	36.8	µg/L	EPA 625.1	-88	-88			
2021/22-2	MO-OJA	srgt environ, rec	1/18/2022	Organic	2,4,6-Tribromophenol	n/a	=	90	%	EPA 625.1	-88	-88	25	120	
2021/22-2	MO-oxN	srgt environ	1/14/2022	Organic	2,4,6-Tribromophenol	n/a	=	34.5	µg/L	EPA 8270C	-88	-88			
2021/22-2	MO-oxN	srgt environ, rec	1/14/2022	Organic	2,4,6-Tribromophenol	n/a	=	85	%	EPA 8270C	-88	-88	26	117	
2021/22-2	MO-oxN	srgt environ	1/19/2022	Organic	2,4,6-Tribromophenol	n/a	=	48.6	µg/L	EPA 625.1	-88	-88			
2021/22-2	MO-oxN	srgt environ, rec	1/19/2022	Organic	2,4,6-Tribromophenol	n/a	=	120	%	EPA 625.1	-88	-88	25	120	
2021/22-2	MO-SIM	srgt environ	1/14/2022	Organic	2,4,6-Tribromophenol	n/a	=	31.8	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	
2021/22-2	MO-SIM	srgt environ, rec	1/14/2022	Organic	2,4,6-Tribromophenol	n/a	=	79	%	EPA 8270C	-88	-88	26	117	
2021/22-2	MO-SIM	srgt environ	1/19/2022	Organic	2,4,6-Tribromophenol	n/a	=	41.7	µg/L	EPA 625.1	-88	-88			
2021/22-2	MO-SIM	srgt environ, rec	1/19/2022	Organic	2,4,6-Tribromophenol	n/a	=	104	%	EPA 625.1	-88	-88	25	120	
2021/22-2	MO-SPA	srgt environ	1/14/2022	Organic	2,4,6-Tribromophenol	n/a	=	30.3	µg/L	EPA 8270C	-88	-88			
2021/22-2	MO-SPA	srgt environ, rec	1/14/2022	Organic	2,4,6-Tribromophenol	n/a	=	75	%	EPA 8270C	-88	-88	26	117	
2021/22-2	MO-SPA	srgt environ	1/19/2022	Organic	2,4,6-Tribromophenol	n/a	=	43.9	µg/L	EPA 625.1	-88	-88			
2021/22-2	MO-SPA	srgt environ, rec	1/19/2022	Organic	2,4,6-Tribromophenol	n/a	=	109	%	EPA 625.1	-88	-88	25	120	
2021/22-2	MO-THO	srgt environ	1/14/2022	Organic	2,4,6-Tribromophenol	n/a	=	27.5	µg/L	EPA 8270C	-88	-88			
2021/22-2	MO-THO	srgt environ, rec	1/14/2022	Organic	2,4,6-Tribromophenol	n/a	=	68	%	EPA 8270C	-88	-88	26	117	
2021/22-2	MO-THO	srgt environ	1/19/2022	Organic	2,4,6-Tribromophenol	n/a	=	34.3	µg/L	EPA 625.1	-88	-88			
2021/22-2	MO-THO	srgt environ, rec	1/19/2022	Organic	2,4,6-Tribromophenol	n/a	=	84	%	EPA 625.1	-88	-88	25	120	
2021/22-2	MO-VEN	srgt environ	1/14/2022	Organic	2,4,6-Tribromophenol	n/a	=	36.3	µg/L	EPA 8270C	-88	-88			
2021/22-2	MO-VEN	srgt environ, rec	1/14/2022	Organic	2,4,6-Tribromophenol	n/a	=	90	%	EPA 8270C	-88	-88	26	117	
2021/22-2	MO-VEN	srgt environ	1/18/2022	Organic	2,4,6-Tribromophenol	n/a	=	44.5	µg/L	EPA 625.1	-88	-88			
2021/22-2	MO-VEN	srgt environ, rec	1/18/2022	Organic	2,4,6-Tribromophenol	n/a	=	110	%	EPA 625.1	-88	-88	25	120	
2021/22-2	Lab	method blank	1/13/2022	Organic	2,4,6-Trichlorophenol	n/a	<	0.3	µg/L	EPA 8270C	0.3	1			
2021/22-2	Lab	LCS	1/14/2022	Organic	2,4,6-Trichlorophenol	n/a	=	18.2	µg/L	EPA 8270C	0.3	1			
2021/22-2	Lab	LCS, rec	1/14/2022	Organic	2,4,6-Trichlorophenol	n/a	=	91	%	EPA 8270C	-88	-88	30	115	
2021/22-2	Lab	LCS dup	1/14/2022	Organic	2,4,6-Trichlorophenol	n/a	=	17.1	µg/L	EPA 8270C	0.3	1			
2021/22-2	Lab	LCS dup, rec	1/14/2022	Organic	2,4,6-Trichlorophenol	n/a	=	86	%	EPA 8270C	-88	-88	30	115	
2021/22-2	Lab	LCS, RPD	1/14/2022	Organic	2,4,6-Trichlorophenol	n/a	=	6	%	EPA 8270C	-88	-88	0	30	
2021/22-2	Lab	LCS dup	1/18/2022	Organic	2,4,6-Trichlorophenol	n/a	=	19.6	µg/L	EPA 625.1	0.22	1			
2021/22-2	Lab	LCS dup, rec	1/18/2022	Organic	2,4,6-Trichlorophenol	n/a	=	98	%	EPA 625.1	-88	-88	52	129	
2021/22-2	Lab	LCS, RPD	1/18/2022	Organic	2,4,6-Trichlorophenol	n/a	=	8	%	EPA 625.1	-88	-88	0	30	
2021/22-2	Lab	LCS	1/18/2022	Organic	2,4,6-Trichlorophenol	n/a	=	18.1	µg/L	EPA 625.1	0.22	1			
2021/22-2	Lab	LCS, rec	1/18/2022	Organic	2,4,6-Trichlorophenol	n/a	=	90	%	EPA 625.1	-88	-88	52	129	
2021/22-2	Lab	method blank	1/18/2022	Organic	2,4,6-Trichlorophenol	n/a	<	0.22	µg/L	EPA 625.1	0.22	1			
2021/22-2	Lab	method blank	1/13/2022	Organic	2,4-Dichlorophenol	n/a	<	0.51	µg/L	EPA 8270C	0.51	1			
2021/22-2	Lab	LCS	1/14/2022	Organic	2,4-Dichlorophenol	n/a	=	19.3	µg/L	EPA 8270C	0.51	1			
2021/22-2	Lab	LCS, rec	1/14/2022	Organic	2,4-Dichlorophenol	n/a	=	97	%	EPA 8270C	-88	-88	32	105	
2021/22-2	Lab	LCS dup	1/14/2022	Organic	2,4-Dichlorophenol	n/a	=	17.9	µg/L	EPA 8270C	0.51	1			
2021/22-2	Lab	LCS dup, rec	1/14/2022	Organic	2,4-Dichlorophenol	n/a	=	89	%	EPA 8270C	-88	-88	32	105	
2021/22-2	Lab	LCS, RPD	1/14/2022	Organic	2,4-Dichlorophenol	n/a	=	8	%	EPA 8270C	-88	-88	0	30	
2021/22-2	Lab	LCS dup	1/18/2022	Organic	2,4-Dichlorophenol	n/a	=	21.3	µg/L	EPA 625.1	0.26	1			
2021/22-2	Lab	LCS dup, rec	1/18/2022	Organic	2,4-Dichlorophenol	n/a	=	106	%	EPA 625.1	-88	-88	53	122	
2021/22-2	Lab	LCS, RPD	1/18/2022	Organic	2,4-Dichlorophenol	n/a	=	9	%	EPA 625.1	-88	-88	0	30	
2021/22-2	Lab	LCS	1/18/2022	Organic	2,4-Dichlorophenol	n/a	=	19.4	µg/L	EPA 625.1	0.26	1			
2021/22-2	Lab	LCS, rec	1/18/2022	Organic	2,4-Dichlorophenol	n/a	=	97	%	EPA 625.1	-88	-88	53	122	
2021/22-2	Lab	method blank	1/18/2022	Organic	2,4-Dichlorophenol	n/a	<	0.26	µg/L	EPA 625.1	0.26	1			
2021/22-2	000NONPJ	srgt matrix spike	1/6/2022	Organic	2,4-Dichlorophenylacetic acid	n/a	=	10.3	µg/L	EPA 515.4	-88	-88			
2021/22-2	000NONPJ	srgt matrix spike, rec	1/6/2022	Organic	2,4-Dichlorophenylacetic acid	n/a	=	103	%	EPA 515.4	-88	-88	70	130	
2021/22-2	000NONPJ	srgt matrix spike dup	1/6/2022	Organic	2,4-Dichlorophenylacetic acid	n/a	=	10.6	µg/L	EPA 515.4	-88	-88			
2021/22-2	000NONPJ	srgt matrix spike dup, rec	1/6/2022	Organic	2,4-Dichlorophenylacetic acid	n/a	=	106	%	EPA 515.4	-88	-88	70	130	
2021/22-2	Lab	srgt method blank	1/6/2022	Organic	2,4-Dichlorophenylacetic acid	n/a	=	9.97	µg/L	EPA 515.4	-88	-88			
2021/22-2	Lab	srgt method blank, rec	1/6/2022	Organic	2,4-Dichlorophenylacetic acid	n/a	=	100	%	EPA 515.4	-88	-88	70	130	
2021/22-2	Lab	srgt LCS	1/6/2022	Organic	2,4-Dichlorophenylacetic acid	n/a	=	10.1	µg/L	EPA 515.4	-88	-88			
2021/22-2	Lab	srgt LCS, rec	1/6/2022	Organic	2,4-Dichlorophenylacetic acid	n/a	=	101	%	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	
2021/22-2	ME-CC	srgt environ	1/6/2022	Organic	2,4-Dichlorophenylacetic acid	n/a	=	9.9	µg/L	EPA 515.4	-88	-88			
2021/22-2	ME-CC	srgt environ, rec	1/6/2022	Organic	2,4-Dichlorophenylacetic acid	n/a	=	99	%	EPA 515.4	-88	-88	70	130	
2021/22-2	ME-SCR	srgt environ	1/6/2022	Organic	2,4-Dichlorophenylacetic acid	n/a	=	9.85	µg/L	EPA 515.4	-88	-88			
2021/22-2	ME-SCR	srgt environ, rec	1/6/2022	Organic	2,4-Dichlorophenylacetic acid	n/a	=	98	%	EPA 515.4	-88	-88	70	130	
2021/22-2	ME-VR2	srgt environ	1/6/2022	Organic	2,4-Dichlorophenylacetic acid	n/a	=	10.1	µg/L	EPA 515.4	-88	-88			
2021/22-2	ME-VR2	srgt environ, rec	1/6/2022	Organic	2,4-Dichlorophenylacetic acid	n/a	=	101	%	EPA 515.4	-88	-88	70	130	
2021/22-2	MO-CAM	srgt environ	1/6/2022	Organic	2,4-Dichlorophenylacetic acid	n/a	=	10.1	µg/L	EPA 515.4	-88	-88			
2021/22-2	MO-CAM	srgt environ, rec	1/6/2022	Organic	2,4-Dichlorophenylacetic acid	n/a	=	101	%	EPA 515.4	-88	-88	70	130	
2021/22-2	MO-FIL	srgt environ	1/6/2022	Organic	2,4-Dichlorophenylacetic acid	n/a	=	10	µg/L	EPA 515.4	-88	-88			
2021/22-2	MO-FIL	srgt environ, rec	1/6/2022	Organic	2,4-Dichlorophenylacetic acid	n/a	=	100	%	EPA 515.4	-88	-88	70	130	
2021/22-2	MO-HUE	srgt environ	1/7/2022	Organic	2,4-Dichlorophenylacetic acid	n/a	=	9.96	µg/L	EPA 515.4	-88	-88			
2021/22-2	MO-HUE	srgt environ, rec	1/7/2022	Organic	2,4-Dichlorophenylacetic acid	n/a	=	100	%	EPA 515.4	-88	-88	70	130	
2021/22-2	MO-MEI	srgt environ	1/6/2022	Organic	2,4-Dichlorophenylacetic acid	n/a	=	9.97	µg/L	EPA 515.4	-88	-88			
2021/22-2	MO-MEI	srgt environ, rec	1/6/2022	Organic	2,4-Dichlorophenylacetic acid	n/a	=	100	%	EPA 515.4	-88	-88	70	130	
2021/22-2	MO-MPK	srgt environ	1/6/2022	Organic	2,4-Dichlorophenylacetic acid	n/a	=	10.6	µg/L	EPA 515.4	-88	-88			
2021/22-2	MO-MPK	srgt environ, rec	1/6/2022	Organic	2,4-Dichlorophenylacetic acid	n/a	=	106	%	EPA 515.4	-88	-88	70	130	
2021/22-2	MO-OJA	srgt environ	1/6/2022	Organic	2,4-Dichlorophenylacetic acid	n/a	=	10.3	µg/L	EPA 515.4	-88	-88			
2021/22-2	MO-OJA	srgt environ, rec	1/6/2022	Organic	2,4-Dichlorophenylacetic acid	n/a	=	103	%	EPA 515.4	-88	-88	70	130	
2021/22-2	MO-OXN	srgt environ	1/7/2022	Organic	2,4-Dichlorophenylacetic acid	n/a	=	10.3	µg/L	EPA 515.4	-88	-88			
2021/22-2	MO-OXN	srgt environ, rec	1/7/2022	Organic	2,4-Dichlorophenylacetic acid	n/a	=	103	%	EPA 515.4	-88	-88	70	130	
2021/22-2	MO-SIM	srgt environ	1/6/2022	Organic	2,4-Dichlorophenylacetic acid	n/a	=	10.3	µg/L	EPA 515.4	-88	-88			
2021/22-2	MO-SIM	srgt environ, rec	1/6/2022	Organic	2,4-Dichlorophenylacetic acid	n/a	=	103	%	EPA 515.4	-88	-88	70	130	
2021/22-2	MO-SPA	srgt environ	1/6/2022	Organic	2,4-Dichlorophenylacetic acid	n/a	=	10.3	µg/L	EPA 515.4	-88	-88			
2021/22-2	MO-SPA	srgt environ, rec	1/6/2022	Organic	2,4-Dichlorophenylacetic acid	n/a	=	103	%	EPA 515.4	-88	-88	70	130	
2021/22-2	MO-THO	srgt environ	1/6/2022	Organic	2,4-Dichlorophenylacetic acid	n/a	=	10.1	µg/L	EPA 515.4	-88	-88			
2021/22-2	MO-THO	srgt environ, rec	1/6/2022	Organic	2,4-Dichlorophenylacetic acid	n/a	=	101	%	EPA 515.4	-88	-88	70	130	
2021/22-2	MO-VEN	srgt environ	1/6/2022	Organic	2,4-Dichlorophenylacetic acid	n/a	=	10.7	µg/L	EPA 515.4	-88	-88			
2021/22-2	MO-VEN	srgt environ, rec	1/6/2022	Organic	2,4-Dichlorophenylacetic acid	n/a	=	107	%	EPA 515.4	-88	-88	70	130	
2021/22-2	Lab	method blank	1/13/2022	Organic	2,4-Dimethylphenol	n/a	<	1	µg/L	EPA 8270C	1	2			
2021/22-2	Lab	LCS	1/14/2022	Organic	2,4-Dimethylphenol	n/a	=	8.3	µg/L	EPA 8270C	1	2			
2021/22-2	Lab	LCS, rec	1/14/2022	Organic	2,4-Dimethylphenol	n/a	=	41	%	EPA 8270C	-88	-88	31	97	
2021/22-2	Lab	LCS dup	1/14/2022	Organic	2,4-Dimethylphenol	n/a	=	14.2	µg/L	EPA 8270C	1	2			IL
2021/22-2	Lab	LCS dup, rec	1/14/2022	Organic	2,4-Dimethylphenol	n/a	=	71	%	EPA 8270C	-88	-88	31	97	IL
2021/22-2	Lab	LCS, RPD	1/14/2022	Organic	2,4-Dimethylphenol	n/a	=	53	%	EPA 8270C	-88	-88	0	30	IL
2021/22-2	Lab	LCS dup	1/18/2022	Organic	2,4-Dimethylphenol	n/a	=	3.93	µg/L	EPA 625.1	0.76	1			EUM,IL
2021/22-2	Lab	LCS dup, rec	1/18/2022	Organic	2,4-Dimethylphenol	n/a	=	20	%	EPA 625.1	-88	-88	42	120	EUM,IL
2021/22-2	Lab	LCS, RPD	1/18/2022	Organic	2,4-Dimethylphenol	n/a	=	70	%	EPA 625.1	-88	-88	0	30	EUM,IL
2021/22-2	Lab	LCS	1/18/2022	Organic	2,4-Dimethylphenol	n/a	=	8.19	µg/L	EPA 625.1	0.76	1			EUM,IL
2021/22-2	Lab	LCS, rec	1/18/2022	Organic	2,4-Dimethylphenol	n/a	=	41	%	EPA 625.1	-88	-88	42	120	EUM,IL
2021/22-2	Lab	method blank	1/18/2022	Organic	2,4-Dimethylphenol	n/a	<	0.76	µg/L	EPA 625.1	0.76	1			
2021/22-2	Lab	method blank	1/13/2022	Organic	2,4-Dinitrophenol	n/a	<	1	µg/L	EPA 8270C	1	2			
2021/22-2	Lab	LCS	1/14/2022	Organic	2,4-Dinitrophenol	n/a	=	29.3	µg/L	EPA 8270C	1	2			
2021/22-2	Lab	LCS, rec	1/14/2022	Organic	2,4-Dinitrophenol	n/a	=	146	%	EPA 8270C	-88	-88	7	155	
2021/22-2	Lab	LCS dup	1/14/2022	Organic	2,4-Dinitrophenol	n/a	=	28.3	µg/L	EPA 8270C	1	2			
2021/22-2	Lab	LCS dup, rec	1/14/2022	Organic	2,4-Dinitrophenol	n/a	=	142	%	EPA 8270C	-88	-88	7	155	
2021/22-2	Lab	LCS, RPD	1/14/2022	Organic	2,4-Dinitrophenol	n/a	=	3	%	EPA 8270C	-88	-88	0	30	
2021/22-2	Lab	LCS dup	1/18/2022	Organic	2,4-Dinitrophenol	n/a	=	33	µg/L	EPA 625.1	1.9	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	
2021/22-2	Lab	LCS dup, rec	1/18/2022	Organic	2,4-Dinitrophenol	n/a	=	165	%	EPA 625.1	-88	-88	0.1	173	
2021/22-2	Lab	LCS, RPD	1/18/2022	Organic	2,4-Dinitrophenol	n/a	=	17	%	EPA 625.1	-88	-88	0	30	
2021/22-2	Lab	LCS	1/18/2022	Organic	2,4-Dinitrophenol	n/a	=	27.7	µg/L	EPA 625.1	1.9	5			
2021/22-2	Lab	LCS, rec	1/18/2022	Organic	2,4-Dinitrophenol	n/a	=	139	%	EPA 625.1	-88	-88	0.1	173	
2021/22-2	Lab	method blank	1/18/2022	Organic	2,4-Dinitrophenol	n/a	<	1.9	µg/L	EPA 625.1	1.9	5			
2021/22-2	Lab	LCS dup	1/18/2022	Organic	2,4-Dinitrotoluene	n/a	=	21.2	µg/L	EPA 625.1	0.46	1			
2021/22-2	Lab	LCS dup, rec	1/18/2022	Organic	2,4-Dinitrotoluene	n/a	=	106	%	EPA 625.1	-88	-88	48	127	
2021/22-2	Lab	LCS, RPD	1/18/2022	Organic	2,4-Dinitrotoluene	n/a	=	9	%	EPA 625.1	-88	-88	0	30	
2021/22-2	Lab	LCS	1/18/2022	Organic	2,4-Dinitrotoluene	n/a	=	19.3	µg/L	EPA 625.1	0.46	1			
2021/22-2	Lab	LCS, rec	1/18/2022	Organic	2,4-Dinitrotoluene	n/a	=	97	%	EPA 625.1	-88	-88	48	127	
2021/22-2	Lab	method blank	1/18/2022	Organic	2,4-Dinitrotoluene	n/a	<	0.46	µg/L	EPA 625.1	0.46	1			
2021/22-2	Lab	method blank	1/14/2022	Organic	2,6-Dimethylnaphthalene	n/a	<	0.031	µg/L	EPA 8270C	0.031	0.1			
2021/22-2	Lab	LCS dup	1/18/2022	Organic	2,6-Dinitrotoluene	n/a	=	19.4	µg/L	EPA 625.1	0.27	1			
2021/22-2	Lab	LCS dup, rec	1/18/2022	Organic	2,6-Dinitrotoluene	n/a	=	97	%	EPA 625.1	-88	-88	68	137	
2021/22-2	Lab	LCS, RPD	1/18/2022	Organic	2,6-Dinitrotoluene	n/a	=	11	%	EPA 625.1	-88	-88	0	30	
2021/22-2	Lab	LCS	1/18/2022	Organic	2,6-Dinitrotoluene	n/a	=	17.5	µg/L	EPA 625.1	0.27	1			
2021/22-2	Lab	LCS, rec	1/18/2022	Organic	2,6-Dinitrotoluene	n/a	=	87	%	EPA 625.1	-88	-88	68	137	
2021/22-2	Lab	method blank	1/18/2022	Organic	2,6-Dinitrotoluene	n/a	<	0.27	µg/L	EPA 625.1	0.27	1			
2021/22-2	Lab	LCS	12/16/2021	Organic	2-Chloroethyl vinyl ether	n/a	=	50.9	µg/L	EPA 624.1	0.19	1			
2021/22-2	Lab	LCS, rec	12/16/2021	Organic	2-Chloroethyl vinyl ether	n/a	=	102	%	EPA 624.1	-88	-88	0.1	305	
2021/22-2	Lab	LCS dup	12/16/2021	Organic	2-Chloroethyl vinyl ether	n/a	=	46.7	µg/L	EPA 624.1	0.19	1			
2021/22-2	Lab	LCS dup, rec	12/16/2021	Organic	2-Chloroethyl vinyl ether	n/a	=	93	%	EPA 624.1	-88	-88	0.1	305	
2021/22-2	Lab	LCS, RPD	12/16/2021	Organic	2-Chloroethyl vinyl ether	n/a	=	9	%	EPA 624.1	-88	-88	0	25	
2021/22-2	Lab	method blank	12/16/2021	Organic	2-Chloroethyl vinyl ether	n/a	<	0.19	µg/L	EPA 624.1	0.19	1			
2021/22-2	Lab	LCS	12/16/2021	Organic	2-Chloroethyl vinyl ether	n/a	=	49.1	µg/L	EPA 624.1	0.19	1			
2021/22-2	Lab	LCS, rec	12/16/2021	Organic	2-Chloroethyl vinyl ether	n/a	=	98	%	EPA 624.1	-88	-88	0.1	305	
2021/22-2	Lab	LCS dup	12/16/2021	Organic	2-Chloroethyl vinyl ether	n/a	=	47.6	µg/L	EPA 624.1	0.19	1			
2021/22-2	Lab	LCS dup, rec	12/16/2021	Organic	2-Chloroethyl vinyl ether	n/a	=	95	%	EPA 624.1	-88	-88	0.1	305	
2021/22-2	Lab	LCS, RPD	12/16/2021	Organic	2-Chloroethyl vinyl ether	n/a	=	3	%	EPA 624.1	-88	-88	0	25	
2021/22-2	Lab	method blank	12/16/2021	Organic	2-Chloroethyl vinyl ether	n/a	<	0.19	µg/L	EPA 624.1	0.19	1			
2021/22-2	ME-CC	field duplicate	12/17/2021	Organic	2-Chloroethyl vinyl ether	n/a	<	0.19	µg/L	EPA 624.1	0.19	1			
2021/22-2	MO-CAM	field blank	12/17/2021	Organic	2-Chloroethyl vinyl ether	n/a	<	0.95	µg/L	EPA 624.1	0.95	5			DG
2021/22-2	Lab	LCS dup	1/18/2022	Organic	2-Chloronaphthalene	n/a	=	18.7	µg/L	EPA 625.1	0.45	1			
2021/22-2	Lab	LCS dup, rec	1/18/2022	Organic	2-Chloronaphthalene	n/a	=	94	%	EPA 625.1	-88	-88	65	120	
2021/22-2	Lab	LCS, RPD	1/18/2022	Organic	2-Chloronaphthalene	n/a	=	7	%	EPA 625.1	-88	-88	0	30	
2021/22-2	Lab	LCS	1/18/2022	Organic	2-Chloronaphthalene	n/a	=	17.5	µg/L	EPA 625.1	0.45	1			
2021/22-2	Lab	LCS, rec	1/18/2022	Organic	2-Chloronaphthalene	n/a	=	88	%	EPA 625.1	-88	-88	65	120	
2021/22-2	Lab	method blank	1/18/2022	Organic	2-Chloronaphthalene	n/a	<	0.45	µg/L	EPA 625.1	0.45	1			
2021/22-2	Lab	method blank	1/13/2022	Organic	2-Chlorophenol	n/a	<	0.65	µg/L	EPA 8270C	0.65	1			
2021/22-2	Lab	LCS	1/14/2022	Organic	2-Chlorophenol	n/a	=	18.1	µg/L	EPA 8270C	0.65	1			EUM
2021/22-2	Lab	LCS, rec	1/14/2022	Organic	2-Chlorophenol	n/a	=	91	%	EPA 8270C	-88	-88	27	90	EUM
2021/22-2	Lab	LCS dup	1/14/2022	Organic	2-Chlorophenol	n/a	=	16.7	µg/L	EPA 8270C	0.65	1			
2021/22-2	Lab	LCS dup, rec	1/14/2022	Organic	2-Chlorophenol	n/a	=	83	%	EPA 8270C	-88	-88	27	90	
2021/22-2	Lab	LCS, RPD	1/14/2022	Organic	2-Chlorophenol	n/a	=	8	%	EPA 8270C	-88	-88	0	30	
2021/22-2	Lab	LCS dup	1/18/2022	Organic	2-Chlorophenol	n/a	=	17.9	µg/L	EPA 625.1	0.28	1			
2021/22-2	Lab	LCS dup, rec	1/18/2022	Organic	2-Chlorophenol	n/a	=	90	%	EPA 625.1	-88	-88	36	120	
2021/22-2	Lab	LCS, RPD	1/18/2022	Organic	2-Chlorophenol	n/a	=	7	%	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	
2021/22-2	Lab	LCS	1/18/2022	Organic	2-Chlorophenol	n/a	=	16.7	µg/L	EPA 625.1	0.28	1			
2021/22-2	Lab	LCS, rec	1/18/2022	Organic	2-Chlorophenol	n/a	=	84	%	EPA 625.1	-88	-88	36	120	
2021/22-2	Lab	method blank	1/18/2022	Organic	2-Chlorophenol	n/a	<	0.28	µg/L	EPA 625.1	0.28	1			
2021/22-2	Lab	srgt method blank	1/14/2022	Organic	2-Fluorobiphenyl	n/a	=	4.33	µg/L	EPA 8270C	-88	-88			
2021/22-2	Lab	srgt method blank, rec	1/14/2022	Organic	2-Fluorobiphenyl	n/a	=	87	%	EPA 8270C	-88	-88	51	139	
2021/22-2	Lab	srgt LCS	1/15/2022	Organic	2-Fluorobiphenyl	n/a	=	19.7	µg/L	EPA 8270C	-88	-88			
2021/22-2	Lab	srgt LCS, rec	1/15/2022	Organic	2-Fluorobiphenyl	n/a	=	99	%	EPA 8270C	-88	-88	51	139	
2021/22-2	Lab	srgt LCS dup	1/15/2022	Organic	2-Fluorobiphenyl	n/a	=	17.4	µg/L	EPA 8270C	-88	-88			
2021/22-2	Lab	srgt LCS dup, rec	1/15/2022	Organic	2-Fluorobiphenyl	n/a	=	87	%	EPA 8270C	-88	-88	51	139	
2021/22-2	Lab	srgt LCS dup	1/18/2022	Organic	2-Fluorobiphenyl	n/a	=	19.8	µg/L	EPA 625.1	-88	-88			
2021/22-2	Lab	srgt LCS dup, rec	1/18/2022	Organic	2-Fluorobiphenyl	n/a	=	99	%	EPA 625.1	-88	-88	22	120	
2021/22-2	Lab	srgt LCS	1/18/2022	Organic	2-Fluorobiphenyl	n/a	=	18.1	µg/L	EPA 625.1	-88	-88			
2021/22-2	Lab	srgt LCS, rec	1/18/2022	Organic	2-Fluorobiphenyl	n/a	=	90	%	EPA 625.1	-88	-88	22	120	
2021/22-2	Lab	srgt method blank	1/18/2022	Organic	2-Fluorobiphenyl	n/a	=	14.5	µg/L	EPA 625.1	-88	-88			
2021/22-2	Lab	srgt method blank, rec	1/18/2022	Organic	2-Fluorobiphenyl	n/a	=	72	%	EPA 625.1	-88	-88	22	120	
2021/22-2	ME-CC	srgt environ	1/15/2022	Organic	2-Fluorobiphenyl	n/a	=	16.6	µg/L	EPA 8270C	-88	-88			
2021/22-2	ME-CC	srgt environ, rec	1/15/2022	Organic	2-Fluorobiphenyl	n/a	=	82	%	EPA 8270C	-88	-88	51	139	
2021/22-2	ME-CC	srgt environ	1/18/2022	Organic	2-Fluorobiphenyl	n/a	=	17.9	µg/L	EPA 625.1	-88	-88			
2021/22-2	ME-CC	srgt environ, rec	1/18/2022	Organic	2-Fluorobiphenyl	n/a	=	88	%	EPA 625.1	-88	-88	22	120	
2021/22-2	ME-SCR	srgt environ	1/15/2022	Organic	2-Fluorobiphenyl	n/a	=	3.28	µg/L	EPA 8270C	-88	-88			GN
2021/22-2	ME-SCR	srgt environ, rec	1/15/2022	Organic	2-Fluorobiphenyl	n/a	=	16	%	EPA 8270C	-88	-88	51	139	GN
2021/22-2	ME-SCR	srgt environ	1/18/2022	Organic	2-Fluorobiphenyl	n/a	=	3.8	µg/L	EPA 625.1	-88	-88			GN
2021/22-2	ME-SCR	srgt environ, rec	1/18/2022	Organic	2-Fluorobiphenyl	n/a	=	18	%	EPA 625.1	-88	-88	22	120	GN
2021/22-2	ME-VR2	srgt environ	1/15/2022	Organic	2-Fluorobiphenyl	n/a	=	16.6	µg/L	EPA 8270C	-88	-88			
2021/22-2	ME-VR2	srgt environ, rec	1/15/2022	Organic	2-Fluorobiphenyl	n/a	=	82	%	EPA 8270C	-88	-88	51	139	
2021/22-2	ME-VR2	srgt environ	1/18/2022	Organic	2-Fluorobiphenyl	n/a	=	18.7	µg/L	EPA 625.1	-88	-88			
2021/22-2	ME-VR2	srgt environ, rec	1/18/2022	Organic	2-Fluorobiphenyl	n/a	=	93	%	EPA 625.1	-88	-88	22	120	
2021/22-2	MO-CAM	srgt environ	1/15/2022	Organic	2-Fluorobiphenyl	n/a	=	14.7	µg/L	EPA 8270C	-88	-88			
2021/22-2	MO-CAM	srgt environ, rec	1/15/2022	Organic	2-Fluorobiphenyl	n/a	=	72	%	EPA 8270C	-88	-88	51	139	
2021/22-2	MO-CAM	srgt environ	1/18/2022	Organic	2-Fluorobiphenyl	n/a	=	16.8	µg/L	EPA 625.1	-88	-88			
2021/22-2	MO-CAM	srgt environ, rec	1/18/2022	Organic	2-Fluorobiphenyl	n/a	=	83	%	EPA 625.1	-88	-88	22	120	
2021/22-2	MO-FIL	srgt environ	1/15/2022	Organic	2-Fluorobiphenyl	n/a	=	16	µg/L	EPA 8270C	-88	-88			
2021/22-2	MO-FIL	srgt environ, rec	1/15/2022	Organic	2-Fluorobiphenyl	n/a	=	79	%	EPA 8270C	-88	-88	51	139	
2021/22-2	MO-FIL	srgt environ	1/19/2022	Organic	2-Fluorobiphenyl	n/a	=	17.7	µg/L	EPA 625.1	-88	-88			
2021/22-2	MO-FIL	srgt environ, rec	1/19/2022	Organic	2-Fluorobiphenyl	n/a	=	88	%	EPA 625.1	-88	-88	22	120	
2021/22-2	MO-HUE	srgt environ	1/15/2022	Organic	2-Fluorobiphenyl	n/a	=	16.4	µg/L	EPA 8270C	-88	-88			
2021/22-2	MO-HUE	srgt environ, rec	1/15/2022	Organic	2-Fluorobiphenyl	n/a	=	80	%	EPA 8270C	-88	-88	51	139	
2021/22-2	MO-HUE	srgt environ	1/19/2022	Organic	2-Fluorobiphenyl	n/a	=	19.6	µg/L	EPA 625.1	-88	-88			
2021/22-2	MO-HUE	srgt environ, rec	1/19/2022	Organic	2-Fluorobiphenyl	n/a	=	95	%	EPA 625.1	-88	-88	22	120	
2021/22-2	MO-MEI	srgt environ	1/15/2022	Organic	2-Fluorobiphenyl	n/a	=	13.5	µg/L	EPA 8270C	-88	-88			
2021/22-2	MO-MEI	srgt environ, rec	1/15/2022	Organic	2-Fluorobiphenyl	n/a	=	65	%	EPA 8270C	-88	-88	51	139	
2021/22-2	MO-MEI	srgt environ	1/18/2022	Organic	2-Fluorobiphenyl	n/a	=	14.8	µg/L	EPA 625.1	-88	-88			
2021/22-2	MO-MEI	srgt environ, rec	1/18/2022	Organic	2-Fluorobiphenyl	n/a	=	72	%	EPA 625.1	-88	-88	22	120	
2021/22-2	MO-MPK	srgt environ	1/15/2022	Organic	2-Fluorobiphenyl	n/a	=	14.2	µg/L	EPA 8270C	-88	-88			
2021/22-2	MO-MPK	srgt environ, rec	1/15/2022	Organic	2-Fluorobiphenyl	n/a	=	70	%	EPA 8270C	-88	-88	51	139	
2021/22-2	MO-MPK	srgt environ	1/19/2022	Organic	2-Fluorobiphenyl	n/a	=	16.3	µg/L	EPA 625.1	-88	-88			
2021/22-2	MO-MPK	srgt environ, rec	1/19/2022	Organic	2-Fluorobiphenyl	n/a	=	80	%	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	
2021/22-2	MO-OJA	srgt environ	1/15/2022	Organic	2-Fluorobiphenyl	n/a	=	15.9	µg/L	EPA 8270C	-88	-88			
2021/22-2	MO-OJA	srgt environ, rec	1/15/2022	Organic	2-Fluorobiphenyl	n/a	=	78	%	EPA 8270C	-88	-88	51	139	
2021/22-2	MO-OJA	srgt environ	1/18/2022	Organic	2-Fluorobiphenyl	n/a	=	18.2	µg/L	EPA 625.1	-88	-88			
2021/22-2	MO-OJA	srgt environ, rec	1/18/2022	Organic	2-Fluorobiphenyl	n/a	=	89	%	EPA 625.1	-88	-88	22	120	
2021/22-2	MO-OXN	srgt environ	1/15/2022	Organic	2-Fluorobiphenyl	n/a	=	16.4	µg/L	EPA 8270C	-88	-88			
2021/22-2	MO-OXN	srgt environ, rec	1/15/2022	Organic	2-Fluorobiphenyl	n/a	=	81	%	EPA 8270C	-88	-88	51	139	
2021/22-2	MO-OXN	srgt environ	1/19/2022	Organic	2-Fluorobiphenyl	n/a	=	19	µg/L	EPA 625.1	-88	-88			
2021/22-2	MO-OXN	srgt environ, rec	1/19/2022	Organic	2-Fluorobiphenyl	n/a	=	93	%	EPA 625.1	-88	-88	22	120	
2021/22-2	MO-SIM	srgt environ	1/15/2022	Organic	2-Fluorobiphenyl	n/a	=	15.7	µg/L	EPA 8270C	-88	-88			
2021/22-2	MO-SIM	srgt environ, rec	1/15/2022	Organic	2-Fluorobiphenyl	n/a	=	78	%	EPA 8270C	-88	-88	51	139	
2021/22-2	MO-SIM	srgt environ	1/19/2022	Organic	2-Fluorobiphenyl	n/a	=	18.5	µg/L	EPA 625.1	-88	-88			
2021/22-2	MO-SIM	srgt environ, rec	1/19/2022	Organic	2-Fluorobiphenyl	n/a	=	92	%	EPA 625.1	-88	-88	22	120	
2021/22-2	MO-SPA	srgt environ	1/15/2022	Organic	2-Fluorobiphenyl	n/a	=	15.3	µg/L	EPA 8270C	-88	-88			
2021/22-2	MO-SPA	srgt environ, rec	1/15/2022	Organic	2-Fluorobiphenyl	n/a	=	76	%	EPA 8270C	-88	-88	51	139	
2021/22-2	MO-SPA	srgt environ	1/19/2022	Organic	2-Fluorobiphenyl	n/a	=	19.5	µg/L	EPA 625.1	-88	-88			
2021/22-2	MO-SPA	srgt environ, rec	1/19/2022	Organic	2-Fluorobiphenyl	n/a	=	97	%	EPA 625.1	-88	-88	22	120	
2021/22-2	MO-THO	srgt environ	1/15/2022	Organic	2-Fluorobiphenyl	n/a	=	13.1	µg/L	EPA 8270C	-88	-88			
2021/22-2	MO-THO	srgt environ, rec	1/15/2022	Organic	2-Fluorobiphenyl	n/a	=	65	%	EPA 8270C	-88	-88	51	139	
2021/22-2	MO-THO	srgt environ	1/19/2022	Organic	2-Fluorobiphenyl	n/a	=	15.2	µg/L	EPA 625.1	-88	-88			
2021/22-2	MO-THO	srgt environ, rec	1/19/2022	Organic	2-Fluorobiphenyl	n/a	=	75	%	EPA 625.1	-88	-88	22	120	
2021/22-2	MO-VEN	srgt environ	1/15/2022	Organic	2-Fluorobiphenyl	n/a	=	16.8	µg/L	EPA 8270C	-88	-88			
2021/22-2	MO-VEN	srgt environ, rec	1/15/2022	Organic	2-Fluorobiphenyl	n/a	=	83	%	EPA 8270C	-88	-88	51	139	
2021/22-2	MO-VEN	srgt environ	1/18/2022	Organic	2-Fluorobiphenyl	n/a	=	19	µg/L	EPA 625.1	-88	-88			
2021/22-2	MO-VEN	srgt environ, rec	1/18/2022	Organic	2-Fluorobiphenyl	n/a	=	94	%	EPA 625.1	-88	-88	22	120	
2021/22-2	Lab	srgt method blank	1/13/2022	Organic	2-Fluorophenol	n/a	=	5.8	µg/L	EPA 8270C	-88	-88			
2021/22-2	Lab	srgt method blank, rec	1/13/2022	Organic	2-Fluorophenol	n/a	=	58	%	EPA 8270C	-88	-88	11	62	
2021/22-2	Lab	srgt LCS	1/14/2022	Organic	2-Fluorophenol	n/a	=	22.7	µg/L	EPA 8270C	-88	-88			
2021/22-2	Lab	srgt LCS, rec	1/14/2022	Organic	2-Fluorophenol	n/a	=	57	%	EPA 8270C	-88	-88	11	62	
2021/22-2	Lab	srgt LCS dup	1/14/2022	Organic	2-Fluorophenol	n/a	=	21	µg/L	EPA 8270C	-88	-88			
2021/22-2	Lab	srgt LCS dup, rec	1/14/2022	Organic	2-Fluorophenol	n/a	=	52	%	EPA 8270C	-88	-88	11	62	
2021/22-2	Lab	srgt LCS dup	1/18/2022	Organic	2-Fluorophenol	n/a	=	22.9	µg/L	EPA 625.1	-88	-88			
2021/22-2	Lab	srgt LCS dup, rec	1/18/2022	Organic	2-Fluorophenol	n/a	=	57	%	EPA 625.1	-88	-88	17	120	
2021/22-2	Lab	srgt LCS	1/18/2022	Organic	2-Fluorophenol	n/a	=	21.7	µg/L	EPA 625.1	-88	-88			
2021/22-2	Lab	srgt LCS, rec	1/18/2022	Organic	2-Fluorophenol	n/a	=	54	%	EPA 625.1	-88	-88	17	120	
2021/22-2	Lab	srgt method blank	1/18/2022	Organic	2-Fluorophenol	n/a	=	17.9	µg/L	EPA 625.1	-88	-88			
2021/22-2	Lab	srgt method blank, rec	1/18/2022	Organic	2-Fluorophenol	n/a	=	45	%	EPA 625.1	-88	-88	17	120	
2021/22-2	ME-CC	srgt environ	1/14/2022	Organic	2-Fluorophenol	n/a	=	22.2	µg/L	EPA 8270C	-88	-88			
2021/22-2	ME-CC	srgt environ, rec	1/14/2022	Organic	2-Fluorophenol	n/a	=	55	%	EPA 8270C	-88	-88	11	62	
2021/22-2	ME-CC	srgt environ	1/18/2022	Organic	2-Fluorophenol	n/a	=	23.8	µg/L	EPA 625.1	-88	-88			
2021/22-2	ME-CC	srgt environ, rec	1/18/2022	Organic	2-Fluorophenol	n/a	=	59	%	EPA 625.1	-88	-88	17	120	
2021/22-2	ME-SCR	srgt environ	1/14/2022	Organic	2-Fluorophenol	n/a	=	5.96	µg/L	EPA 8270C	-88	-88			
2021/22-2	ME-SCR	srgt environ, rec	1/14/2022	Organic	2-Fluorophenol	n/a	=	14	%	EPA 8270C	-88	-88	11	62	
2021/22-2	ME-SCR	srgt environ	1/18/2022	Organic	2-Fluorophenol	n/a	=	6.92	µg/L	EPA 625.1	-88	-88			
2021/22-2	ME-SCR	srgt environ, rec	1/18/2022	Organic	2-Fluorophenol	n/a	=	17	%	EPA 625.1	-88	-88	17	120	
2021/22-2	ME-VR2	srgt environ	1/14/2022	Organic	2-Fluorophenol	n/a	=	22.2	µg/L	EPA 8270C	-88	-88			
2021/22-2	ME-VR2	srgt environ, rec	1/14/2022	Organic	2-Fluorophenol	n/a	=	55	%	EPA 8270C	-88	-88	11	62	
2021/22-2	ME-VR2	srgt environ	1/18/2022	Organic	2-Fluorophenol	n/a	=	24.3	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	
2021/22-2	ME-VR2	srgt environ, rec	1/18/2022	Organic	2-Fluorophenol	n/a	=	60	%	EPA 625.1	-88	-88	17	120	
2021/22-2	MO-CAM	srgt environ	1/14/2022	Organic	2-Fluorophenol	n/a	=	17.9	µg/L	EPA 8270C	-88	-88			
2021/22-2	MO-CAM	srgt environ, rec	1/14/2022	Organic	2-Fluorophenol	n/a	=	44	%	EPA 8270C	-88	-88	11	62	
2021/22-2	MO-CAM	srgt environ	1/18/2022	Organic	2-Fluorophenol	n/a	=	20.6	µg/L	EPA 625.1	-88	-88			
2021/22-2	MO-CAM	srgt environ, rec	1/18/2022	Organic	2-Fluorophenol	n/a	=	51	%	EPA 625.1	-88	-88	17	120	
2021/22-2	MO-FIL	srgt environ	1/14/2022	Organic	2-Fluorophenol	n/a	=	18.5	µg/L	EPA 8270C	-88	-88			
2021/22-2	MO-FIL	srgt environ, rec	1/14/2022	Organic	2-Fluorophenol	n/a	=	46	%	EPA 8270C	-88	-88	11	62	
2021/22-2	MO-FIL	srgt environ	1/19/2022	Organic	2-Fluorophenol	n/a	=	21.1	µg/L	EPA 625.1	-88	-88			
2021/22-2	MO-FIL	srgt environ, rec	1/19/2022	Organic	2-Fluorophenol	n/a	=	52	%	EPA 625.1	-88	-88	17	120	
2021/22-2	MO-HUE	srgt environ	1/14/2022	Organic	2-Fluorophenol	n/a	=	29	µg/L	EPA 8270C	-88	-88			GN
2021/22-2	MO-HUE	srgt environ, rec	1/14/2022	Organic	2-Fluorophenol	n/a	=	70	%	EPA 8270C	-88	-88	11	62	GN
2021/22-2	MO-HUE	srgt environ	1/19/2022	Organic	2-Fluorophenol	n/a	=	30.9	µg/L	EPA 625.1	-88	-88			
2021/22-2	MO-HUE	srgt environ, rec	1/19/2022	Organic	2-Fluorophenol	n/a	=	75	%	EPA 625.1	-88	-88	17	120	
2021/22-2	MO-MEI	srgt environ	1/14/2022	Organic	2-Fluorophenol	n/a	=	18	µg/L	EPA 8270C	-88	-88			
2021/22-2	MO-MEI	srgt environ, rec	1/14/2022	Organic	2-Fluorophenol	n/a	=	43	%	EPA 8270C	-88	-88	11	62	
2021/22-2	MO-MEI	srgt environ	1/18/2022	Organic	2-Fluorophenol	n/a	=	19.1	µg/L	EPA 625.1	-88	-88			
2021/22-2	MO-MEI	srgt environ, rec	1/18/2022	Organic	2-Fluorophenol	n/a	=	46	%	EPA 625.1	-88	-88	17	120	
2021/22-2	MO-MPK	srgt environ	1/14/2022	Organic	2-Fluorophenol	n/a	=	16.6	µg/L	EPA 8270C	-88	-88			
2021/22-2	MO-MPK	srgt environ, rec	1/14/2022	Organic	2-Fluorophenol	n/a	=	41	%	EPA 8270C	-88	-88	11	62	
2021/22-2	MO-MPK	srgt environ	1/19/2022	Organic	2-Fluorophenol	n/a	=	19	µg/L	EPA 625.1	-88	-88			
2021/22-2	MO-MPK	srgt environ, rec	1/19/2022	Organic	2-Fluorophenol	n/a	=	47	%	EPA 625.1	-88	-88	17	120	
2021/22-2	MO-OJA	srgt environ	1/14/2022	Organic	2-Fluorophenol	n/a	=	17.7	µg/L	EPA 8270C	-88	-88			
2021/22-2	MO-OJA	srgt environ, rec	1/14/2022	Organic	2-Fluorophenol	n/a	=	43	%	EPA 8270C	-88	-88	11	62	
2021/22-2	MO-OJA	srgt environ	1/18/2022	Organic	2-Fluorophenol	n/a	=	21.1	µg/L	EPA 625.1	-88	-88			
2021/22-2	MO-OJA	srgt environ, rec	1/18/2022	Organic	2-Fluorophenol	n/a	=	52	%	EPA 625.1	-88	-88	17	120	
2021/22-2	MO-OXN	srgt environ	1/14/2022	Organic	2-Fluorophenol	n/a	=	29.1	µg/L	EPA 8270C	-88	-88			GN
2021/22-2	MO-OXN	srgt environ, rec	1/14/2022	Organic	2-Fluorophenol	n/a	=	72	%	EPA 8270C	-88	-88	11	62	GN
2021/22-2	MO-OXN	srgt environ	1/19/2022	Organic	2-Fluorophenol	n/a	=	32.7	µg/L	EPA 625.1	-88	-88			
2021/22-2	MO-OXN	srgt environ, rec	1/19/2022	Organic	2-Fluorophenol	n/a	=	81	%	EPA 625.1	-88	-88	17	120	
2021/22-2	MO-SIM	srgt environ	1/14/2022	Organic	2-Fluorophenol	n/a	=	19.5	µg/L	EPA 8270C	-88	-88			
2021/22-2	MO-SIM	srgt environ, rec	1/14/2022	Organic	2-Fluorophenol	n/a	=	49	%	EPA 8270C	-88	-88	11	62	
2021/22-2	MO-SIM	srgt environ	1/19/2022	Organic	2-Fluorophenol	n/a	=	21.7	µg/L	EPA 625.1	-88	-88			
2021/22-2	MO-SIM	srgt environ, rec	1/19/2022	Organic	2-Fluorophenol	n/a	=	54	%	EPA 625.1	-88	-88	17	120	
2021/22-2	MO-SPA	srgt environ	1/14/2022	Organic	2-Fluorophenol	n/a	=	17.7	µg/L	EPA 8270C	-88	-88			
2021/22-2	MO-SPA	srgt environ, rec	1/14/2022	Organic	2-Fluorophenol	n/a	=	44	%	EPA 8270C	-88	-88	11	62	
2021/22-2	MO-SPA	srgt environ	1/19/2022	Organic	2-Fluorophenol	n/a	=	21.1	µg/L	EPA 625.1	-88	-88			
2021/22-2	MO-SPA	srgt environ, rec	1/19/2022	Organic	2-Fluorophenol	n/a	=	52	%	EPA 625.1	-88	-88	17	120	
2021/22-2	MO-THO	srgt environ	1/14/2022	Organic	2-Fluorophenol	n/a	=	17.1	µg/L	EPA 8270C	-88	-88			
2021/22-2	MO-THO	srgt environ, rec	1/14/2022	Organic	2-Fluorophenol	n/a	=	42	%	EPA 8270C	-88	-88	11	62	
2021/22-2	MO-THO	srgt environ	1/19/2022	Organic	2-Fluorophenol	n/a	=	19.5	µg/L	EPA 625.1	-88	-88			
2021/22-2	MO-THO	srgt environ, rec	1/19/2022	Organic	2-Fluorophenol	n/a	=	48	%	EPA 625.1	-88	-88	17	120	
2021/22-2	MO-VEN	srgt environ	1/14/2022	Organic	2-Fluorophenol	n/a	=	20.6	µg/L	EPA 8270C	-88	-88			
2021/22-2	MO-VEN	srgt environ, rec	1/14/2022	Organic	2-Fluorophenol	n/a	=	51	%	EPA 8270C	-88	-88	11	62	
2021/22-2	MO-VEN	srgt environ	1/18/2022	Organic	2-Fluorophenol	n/a	=	22.4	µg/L	EPA 625.1	-88	-88			
2021/22-2	MO-VEN	srgt environ, rec	1/18/2022	Organic	2-Fluorophenol	n/a	=	55	%	EPA 625.1	-88	-88	17	120	
2021/22-2	Lab	method blank	1/14/2022	Organic	2-Methylnaphthalene	n/a	<	0.026	µg/L	EPA 8270C	0.026	0.1			
2021/22-2	Lab	method blank	1/13/2022	Organic	2-Methylphenol	n/a	<	0.34	µg/L	EPA 8270C	0.34	1			

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2021/22-2	Lab	method blank	1/13/2022	Organic	2-Nitrophenol	n/a	<	0.71	µg/L	EPA 8270C	0.71	1			
2021/22-2	Lab	LCS	1/14/2022	Organic	2-Nitrophenol	n/a	=	19.7	µg/L	EPA 8270C	0.71	1			
2021/22-2	Lab	LCS, rec	1/14/2022	Organic	2-Nitrophenol	n/a	=	98	%	EPA 8270C	-88	-88	33	103	
2021/22-2	Lab	LCS dup	1/14/2022	Organic	2-Nitrophenol	n/a	=	18.4	µg/L	EPA 8270C	0.71	1			
2021/22-2	Lab	LCS dup, rec	1/14/2022	Organic	2-Nitrophenol	n/a	=	92	%	EPA 8270C	-88	-88	33	103	
2021/22-2	Lab	LCS, RPD	1/14/2022	Organic	2-Nitrophenol	n/a	=	7	%	EPA 8270C	-88	-88	0	30	
2021/22-2	Lab	LCS dup	1/18/2022	Organic	2-Nitrophenol	n/a	=	20.5	µg/L	EPA 625.1	0.26	1			
2021/22-2	Lab	LCS dup, rec	1/18/2022	Organic	2-Nitrophenol	n/a	=	102	%	EPA 625.1	-88	-88	45	167	
2021/22-2	Lab	LCS, RPD	1/18/2022	Organic	2-Nitrophenol	n/a	=	12	%	EPA 625.1	-88	-88	0	30	
2021/22-2	Lab	LCS	1/18/2022	Organic	2-Nitrophenol	n/a	=	18.2	µg/L	EPA 625.1	0.26	1			
2021/22-2	Lab	LCS, rec	1/18/2022	Organic	2-Nitrophenol	n/a	=	91	%	EPA 625.1	-88	-88	45	167	
2021/22-2	Lab	method blank	1/18/2022	Organic	2-Nitrophenol	n/a	<	0.26	µg/L	EPA 625.1	0.26	1			
2021/22-2	Lab	LCS dup	1/18/2022	Organic	3,3'-Dichlorobenzidine	n/a	=	25.7	µg/L	EPA 625.1	2.5	5			
2021/22-2	Lab	LCS dup, rec	1/18/2022	Organic	3,3'-Dichlorobenzidine	n/a	=	128	%	EPA 625.1	-88	-88	8	213	
2021/22-2	Lab	LCS, RPD	1/18/2022	Organic	3,3'-Dichlorobenzidine	n/a	=	12	%	EPA 625.1	-88	-88	0	30	
2021/22-2	Lab	LCS	1/18/2022	Organic	3,3'-Dichlorobenzidine	n/a	=	22.9	µg/L	EPA 625.1	2.5	5			
2021/22-2	Lab	LCS, rec	1/18/2022	Organic	3,3'-Dichlorobenzidine	n/a	=	114	%	EPA 625.1	-88	-88	8	213	
2021/22-2	Lab	method blank	1/18/2022	Organic	3,3'-Dichlorobenzidine	n/a	<	2.5	µg/L	EPA 625.1	2.5	5			
2021/22-2	Lab	method blank	1/13/2022	Organic	3-/4-Methylphenol	n/a	<	0.3	µg/L	EPA 8270C	0.3	1			
2021/22-2	Lab	method blank	1/13/2022	Organic	4,6-Dinitro-2-methylphenol	n/a	<	0.14	µg/L	EPA 8270C	0.14	1			
2021/22-2	Lab	LCS	1/14/2022	Organic	4,6-Dinitro-2-methylphenol	n/a	=	21.5	µg/L	EPA 8270C	0.14	1			
2021/22-2	Lab	LCS, rec	1/14/2022	Organic	4,6-Dinitro-2-methylphenol	n/a	=	107	%	EPA 8270C	-88	-88	33	118	
2021/22-2	Lab	LCS dup	1/14/2022	Organic	4,6-Dinitro-2-methylphenol	n/a	=	20.9	µg/L	EPA 8270C	0.14	1			
2021/22-2	Lab	LCS dup, rec	1/14/2022	Organic	4,6-Dinitro-2-methylphenol	n/a	=	104	%	EPA 8270C	-88	-88	33	118	
2021/22-2	Lab	LCS, RPD	1/14/2022	Organic	4,6-Dinitro-2-methylphenol	n/a	=	3	%	EPA 8270C	-88	-88	0	30	
2021/22-2	Lab	LCS dup	1/18/2022	Organic	4,6-Dinitro-2-methylphenol	n/a	=	29.3	µg/L	EPA 625.1	0.5	5			EUM
2021/22-2	Lab	LCS dup, rec	1/18/2022	Organic	4,6-Dinitro-2-methylphenol	n/a	=	147	%	EPA 625.1	-88	-88	53	130	EUM
2021/22-2	Lab	LCS, RPD	1/18/2022	Organic	4,6-Dinitro-2-methylphenol	n/a	=	17	%	EPA 625.1	-88	-88	0	30	EUM
2021/22-2	Lab	LCS	1/18/2022	Organic	4,6-Dinitro-2-methylphenol	n/a	=	24.8	µg/L	EPA 625.1	0.5	5			
2021/22-2	Lab	LCS, rec	1/18/2022	Organic	4,6-Dinitro-2-methylphenol	n/a	=	124	%	EPA 625.1	-88	-88	53	130	
2021/22-2	Lab	method blank	1/18/2022	Organic	4,6-Dinitro-2-methylphenol	n/a	<	0.5	µg/L	EPA 625.1	0.5	5			
2021/22-2	Lab	srgt LCS	12/16/2021	Organic	4-Bromofluorobenzene	n/a	=	48.4	µg/L	EPA 624.1	-88	-88			
2021/22-2	Lab	srgt LCS, rec	12/16/2021	Organic	4-Bromofluorobenzene	n/a	=	97	%	EPA 624.1	-88	-88	88	108	
2021/22-2	Lab	srgt LCS dup	12/16/2021	Organic	4-Bromofluorobenzene	n/a	=	48.9	µg/L	EPA 624.1	-88	-88			
2021/22-2	Lab	srgt LCS dup, rec	12/16/2021	Organic	4-Bromofluorobenzene	n/a	=	98	%	EPA 624.1	-88	-88	88	108	
2021/22-2	Lab	srgt method blank	12/16/2021	Organic	4-Bromofluorobenzene	n/a	=	47.5	µg/L	EPA 624.1	-88	-88			
2021/22-2	Lab	srgt method blank, rec	12/16/2021	Organic	4-Bromofluorobenzene	n/a	=	95	%	EPA 624.1	-88	-88	88	108	
2021/22-2	Lab	srgt LCS	12/16/2021	Organic	4-Bromofluorobenzene	n/a	=	49.2	µg/L	EPA 624.1	-88	-88			
2021/22-2	Lab	srgt LCS, rec	12/16/2021	Organic	4-Bromofluorobenzene	n/a	=	98	%	EPA 624.1	-88	-88	88	108	
2021/22-2	Lab	srgt LCS dup	12/16/2021	Organic	4-Bromofluorobenzene	n/a	=	48.3	µg/L	EPA 624.1	-88	-88			
2021/22-2	Lab	srgt LCS dup, rec	12/16/2021	Organic	4-Bromofluorobenzene	n/a	=	97	%	EPA 624.1	-88	-88	88	108	
2021/22-2	Lab	srgt method blank	12/16/2021	Organic	4-Bromofluorobenzene	n/a	=	46.2	µg/L	EPA 624.1	-88	-88			
2021/22-2	Lab	srgt method blank, rec	12/16/2021	Organic	4-Bromofluorobenzene	n/a	=	92	%	EPA 624.1	-88	-88	88	108	
2021/22-2	Lab	srgt LCS	12/21/2021	Organic	4-Bromofluorobenzene	n/a	=	51.5	µg/L	EPA 8260B	-88	-88			
2021/22-2	Lab	srgt LCS, rec	12/21/2021	Organic	4-Bromofluorobenzene	n/a	=	103	%	EPA 8260B	-88	-88	83	110	
2021/22-2	Lab	srgt LCS dup	12/21/2021	Organic	4-Bromofluorobenzene	n/a	=	51.2	µg/L	EPA 8260B	-88	-88			
2021/22-2	Lab	srgt LCS dup, rec	12/21/2021	Organic	4-Bromofluorobenzene	n/a	=	102	%	EPA 8260B	-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	
2021/22-2	Lab	srgt method blank	12/21/2021	Organic	4-Bromofluorobenzene	n/a	=	47.8	µg/L	EPA 8260B	-88	-88			
2021/22-2	Lab	srgt method blank, rec	12/21/2021	Organic	4-Bromofluorobenzene	n/a	=	96	%	EPA 8260B	-88	-88	83	110	
2021/22-2	ME-CC	srgt environ	12/16/2021	Organic	4-Bromofluorobenzene	n/a	=	46.6	µg/L	EPA 624.1	-88	-88			
2021/22-2	ME-CC	srgt environ, rec	12/16/2021	Organic	4-Bromofluorobenzene	n/a	=	93	%	EPA 624.1	-88	-88	88	108	
2021/22-2	ME-CC	srgt environ	12/17/2021	Organic	4-Bromofluorobenzene	n/a	=	45.8	µg/L	EPA 624.1	-88	-88			
2021/22-2	ME-CC	srgt environ, rec	12/17/2021	Organic	4-Bromofluorobenzene	n/a	=	92	%	EPA 624.1	-88	-88	88	108	
2021/22-2	ME-CC	srgt environ	12/21/2021	Organic	4-Bromofluorobenzene	n/a	=	48.2	µg/L	EPA 8260B	-88	-88			
2021/22-2	ME-CC	srgt environ, rec	12/21/2021	Organic	4-Bromofluorobenzene	n/a	=	96	%	EPA 8260B	-88	-88	83	110	
2021/22-2	ME-CC	srgt environ	12/21/2021	Organic	4-Bromofluorobenzene	n/a	=	49.2	µg/L	EPA 8260B	-88	-88			
2021/22-2	ME-CC	srgt environ, rec	12/21/2021	Organic	4-Bromofluorobenzene	n/a	=	98	%	EPA 8260B	-88	-88	83	110	
2021/22-2	ME-SCR	srgt environ	12/16/2021	Organic	4-Bromofluorobenzene	n/a	=	46.7	µg/L	EPA 624.1	-88	-88			
2021/22-2	ME-SCR	srgt environ, rec	12/16/2021	Organic	4-Bromofluorobenzene	n/a	=	93	%	EPA 624.1	-88	-88	88	108	
2021/22-2	ME-SCR	srgt environ	12/21/2021	Organic	4-Bromofluorobenzene	n/a	=	49.8	µg/L	EPA 8260B	-88	-88			
2021/22-2	ME-SCR	srgt environ, rec	12/21/2021	Organic	4-Bromofluorobenzene	n/a	=	100	%	EPA 8260B	-88	-88	83	110	
2021/22-2	ME-VR2	srgt environ	12/16/2021	Organic	4-Bromofluorobenzene	n/a	=	46.2	µg/L	EPA 624.1	-88	-88			
2021/22-2	ME-VR2	srgt environ, rec	12/16/2021	Organic	4-Bromofluorobenzene	n/a	=	92	%	EPA 624.1	-88	-88	88	108	
2021/22-2	ME-VR2	srgt environ	12/21/2021	Organic	4-Bromofluorobenzene	n/a	=	49.8	µg/L	EPA 8260B	-88	-88			
2021/22-2	ME-VR2	srgt environ, rec	12/21/2021	Organic	4-Bromofluorobenzene	n/a	=	100	%	EPA 8260B	-88	-88	83	110	
2021/22-2	MO-CAM	srgt environ	12/16/2021	Organic	4-Bromofluorobenzene	n/a	=	46.3	µg/L	EPA 624.1	-88	-88			
2021/22-2	MO-CAM	srgt environ, rec	12/16/2021	Organic	4-Bromofluorobenzene	n/a	=	93	%	EPA 624.1	-88	-88	88	108	
2021/22-2	MO-CAM	srgt field blank	12/17/2021	Organic	4-Bromofluorobenzene	n/a	=	46	µg/L	EPA 624.1	-88	-88			
2021/22-2	MO-CAM	srgt field blank, rec	12/17/2021	Organic	4-Bromofluorobenzene	n/a	=	92	%	EPA 624.1	-88	-88	88	108	
2021/22-2	MO-CAM	srgt environ	12/21/2021	Organic	4-Bromofluorobenzene	n/a	=	48.8	µg/L	EPA 8260B	-88	-88			
2021/22-2	MO-CAM	srgt environ, rec	12/21/2021	Organic	4-Bromofluorobenzene	n/a	=	98	%	EPA 8260B	-88	-88	83	110	
2021/22-2	MO-CAM	srgt field blank	12/21/2021	Organic	4-Bromofluorobenzene	n/a	=	49.2	µg/L	EPA 8260B	-88	-88			
2021/22-2	MO-CAM	srgt field blank, rec	12/21/2021	Organic	4-Bromofluorobenzene	n/a	=	98	%	EPA 8260B	-88	-88	83	110	
2021/22-2	MO-FIL	srgt environ	12/16/2021	Organic	4-Bromofluorobenzene	n/a	=	46	µg/L	EPA 624.1	-88	-88			
2021/22-2	MO-FIL	srgt environ, rec	12/16/2021	Organic	4-Bromofluorobenzene	n/a	=	92	%	EPA 624.1	-88	-88	88	108	
2021/22-2	MO-FIL	srgt environ	12/21/2021	Organic	4-Bromofluorobenzene	n/a	=	49.6	µg/L	EPA 8260B	-88	-88			
2021/22-2	MO-FIL	srgt environ, rec	12/21/2021	Organic	4-Bromofluorobenzene	n/a	=	99	%	EPA 8260B	-88	-88	83	110	
2021/22-2	MO-HUE	srgt environ	12/16/2021	Organic	4-Bromofluorobenzene	n/a	=	46.5	µg/L	EPA 624.1	-88	-88			
2021/22-2	MO-HUE	srgt environ, rec	12/16/2021	Organic	4-Bromofluorobenzene	n/a	=	93	%	EPA 624.1	-88	-88	88	108	
2021/22-2	MO-HUE	srgt environ	12/21/2021	Organic	4-Bromofluorobenzene	n/a	=	49	µg/L	EPA 8260B	-88	-88			
2021/22-2	MO-HUE	srgt environ, rec	12/21/2021	Organic	4-Bromofluorobenzene	n/a	=	98	%	EPA 8260B	-88	-88	83	110	
2021/22-2	MO-MEI	srgt environ	12/16/2021	Organic	4-Bromofluorobenzene	n/a	=	46.1	µg/L	EPA 624.1	-88	-88			
2021/22-2	MO-MEI	srgt environ, rec	12/16/2021	Organic	4-Bromofluorobenzene	n/a	=	92	%	EPA 624.1	-88	-88	88	108	
2021/22-2	MO-MEI	srgt environ	12/21/2021	Organic	4-Bromofluorobenzene	n/a	=	49.6	µg/L	EPA 8260B	-88	-88			
2021/22-2	MO-MEI	srgt environ, rec	12/21/2021	Organic	4-Bromofluorobenzene	n/a	=	99	%	EPA 8260B	-88	-88	83	110	
2021/22-2	MO-MPK	srgt environ	12/16/2021	Organic	4-Bromofluorobenzene	n/a	=	46.1	µg/L	EPA 624.1	-88	-88			
2021/22-2	MO-MPK	srgt environ, rec	12/16/2021	Organic	4-Bromofluorobenzene	n/a	=	92	%	EPA 624.1	-88	-88	88	108	
2021/22-2	MO-MPK	srgt environ	12/21/2021	Organic	4-Bromofluorobenzene	n/a	=	49.4	µg/L	EPA 8260B	-88	-88			
2021/22-2	MO-MPK	srgt environ, rec	12/21/2021	Organic	4-Bromofluorobenzene	n/a	=	99	%	EPA 8260B	-88	-88	83	110	
2021/22-2	MO-OJA	srgt environ	12/16/2021	Organic	4-Bromofluorobenzene	n/a	=	46.5	µg/L	EPA 624.1	-88	-88			
2021/22-2	MO-OJA	srgt environ, rec	12/16/2021	Organic	4-Bromofluorobenzene	n/a	=	93	%	EPA 624.1	-88	-88	88	108	
2021/22-2	MO-OJA	srgt environ	12/21/2021	Organic	4-Bromofluorobenzene	n/a	=	48.2	µg/L	EPA 8260B	-88	-88			
2021/22-2	MO-OJA	srgt environ, rec	12/21/2021	Organic	4-Bromofluorobenzene	n/a	=	96	%	EPA 8260B	-88	-88	83	110	
2021/22-2	MO-OXN	srgt environ	12/16/2021	Organic	4-Bromofluorobenzene	n/a	=	45.8	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	
2021/22-2	MO-OXN	srgt environ, rec	12/16/2021	Organic	4-Bromofluorobenzene	n/a	=	92	%	EPA 624.1	-88	-88	88	108	
2021/22-2	MO-OXN	srgt environ	12/21/2021	Organic	4-Bromofluorobenzene	n/a	=	49.8	µg/L	EPA 8260B	-88	-88			
2021/22-2	MO-OXN	srgt environ, rec	12/21/2021	Organic	4-Bromofluorobenzene	n/a	=	100	%	EPA 8260B	-88	-88	83	110	
2021/22-2	MO-SIM	srgt environ	12/16/2021	Organic	4-Bromofluorobenzene	n/a	=	45.9	µg/L	EPA 624.1	-88	-88			
2021/22-2	MO-SIM	srgt environ, rec	12/16/2021	Organic	4-Bromofluorobenzene	n/a	=	92	%	EPA 624.1	-88	-88	88	108	
2021/22-2	MO-SIM	srgt environ	12/21/2021	Organic	4-Bromofluorobenzene	n/a	=	48.8	µg/L	EPA 8260B	-88	-88			
2021/22-2	MO-SIM	srgt environ, rec	12/21/2021	Organic	4-Bromofluorobenzene	n/a	=	98	%	EPA 8260B	-88	-88	83	110	
2021/22-2	MO-SPA	srgt environ	12/16/2021	Organic	4-Bromofluorobenzene	n/a	=	47.6	µg/L	EPA 624.1	-88	-88			
2021/22-2	MO-SPA	srgt environ, rec	12/16/2021	Organic	4-Bromofluorobenzene	n/a	=	95	%	EPA 624.1	-88	-88	88	108	
2021/22-2	MO-SPA	srgt environ	12/21/2021	Organic	4-Bromofluorobenzene	n/a	=	52.8	µg/L	EPA 8260B	-88	-88			
2021/22-2	MO-SPA	srgt environ, rec	12/21/2021	Organic	4-Bromofluorobenzene	n/a	=	106	%	EPA 8260B	-88	-88	83	110	
2021/22-2	MO-THO	srgt environ	12/16/2021	Organic	4-Bromofluorobenzene	n/a	=	46.3	µg/L	EPA 624.1	-88	-88			
2021/22-2	MO-THO	srgt environ, rec	12/16/2021	Organic	4-Bromofluorobenzene	n/a	=	93	%	EPA 624.1	-88	-88	88	108	
2021/22-2	MO-THO	srgt environ	12/21/2021	Organic	4-Bromofluorobenzene	n/a	=	48.5	µg/L	EPA 8260B	-88	-88			
2021/22-2	MO-THO	srgt environ, rec	12/21/2021	Organic	4-Bromofluorobenzene	n/a	=	97	%	EPA 8260B	-88	-88	83	110	
2021/22-2	MO-VEN	srgt environ	12/16/2021	Organic	4-Bromofluorobenzene	n/a	=	46	µg/L	EPA 624.1	-88	-88			
2021/22-2	MO-VEN	srgt environ, rec	12/16/2021	Organic	4-Bromofluorobenzene	n/a	=	92	%	EPA 624.1	-88	-88	88	108	
2021/22-2	MO-VEN	srgt environ	12/21/2021	Organic	4-Bromofluorobenzene	n/a	=	50.3	µg/L	EPA 8260B	-88	-88			
2021/22-2	MO-VEN	srgt environ, rec	12/21/2021	Organic	4-Bromofluorobenzene	n/a	=	101	%	EPA 8260B	-88	-88	83	110	
2021/22-2	Lab	LCS dup	1/18/2022	Organic	4-Bromophenyl phenyl ether	n/a	=	22.8	µg/L	EPA 625.1	0.36	1			
2021/22-2	Lab	LCS dup, rec	1/18/2022	Organic	4-Bromophenyl phenyl ether	n/a	=	114	%	EPA 625.1	-88	-88	65	120	
2021/22-2	Lab	LCS, RPD	1/18/2022	Organic	4-Bromophenyl phenyl ether	n/a	=	10	%	EPA 625.1	-88	-88	0	30	
2021/22-2	Lab	LCS	1/18/2022	Organic	4-Bromophenyl phenyl ether	n/a	=	20.7	µg/L	EPA 625.1	0.36	1			
2021/22-2	Lab	LCS, rec	1/18/2022	Organic	4-Bromophenyl phenyl ether	n/a	=	103	%	EPA 625.1	-88	-88	65	120	
2021/22-2	Lab	method blank	1/18/2022	Organic	4-Bromophenyl phenyl ether	n/a	<	0.36	µg/L	EPA 625.1	0.36	1			
2021/22-2	Lab	method blank	1/13/2022	Organic	4-Chloro-3-methylphenol	n/a	<	0.37	µg/L	EPA 8270C	0.37	1			
2021/22-2	Lab	LCS	1/14/2022	Organic	4-Chloro-3-methylphenol	n/a	=	18.7	µg/L	EPA 8270C	0.37	1			
2021/22-2	Lab	LCS, rec	1/14/2022	Organic	4-Chloro-3-methylphenol	n/a	=	93	%	EPA 8270C	-88	-88	29	108	
2021/22-2	Lab	LCS dup	1/14/2022	Organic	4-Chloro-3-methylphenol	n/a	=	17.8	µg/L	EPA 8270C	0.37	1			
2021/22-2	Lab	LCS dup, rec	1/14/2022	Organic	4-Chloro-3-methylphenol	n/a	=	89	%	EPA 8270C	-88	-88	29	108	
2021/22-2	Lab	LCS, RPD	1/14/2022	Organic	4-Chloro-3-methylphenol	n/a	=	5	%	EPA 8270C	-88	-88	0	30	
2021/22-2	Lab	LCS dup	1/18/2022	Organic	4-Chloro-3-methylphenol	n/a	=	17.1	µg/L	EPA 625.1	0.23	1			
2021/22-2	Lab	LCS dup, rec	1/18/2022	Organic	4-Chloro-3-methylphenol	n/a	=	86	%	EPA 625.1	-88	-88	41	128	
2021/22-2	Lab	LCS, RPD	1/18/2022	Organic	4-Chloro-3-methylphenol	n/a	=	1	%	EPA 625.1	-88	-88	0	30	
2021/22-2	Lab	LCS	1/18/2022	Organic	4-Chloro-3-methylphenol	n/a	=	16.9	µg/L	EPA 625.1	0.23	1			
2021/22-2	Lab	LCS, rec	1/18/2022	Organic	4-Chloro-3-methylphenol	n/a	=	85	%	EPA 625.1	-88	-88	41	128	
2021/22-2	Lab	method blank	1/18/2022	Organic	4-Chloro-3-methylphenol	n/a	<	0.23	µg/L	EPA 625.1	0.23	1			
2021/22-2	Lab	LCS dup	1/18/2022	Organic	4-Chlorophenyl phenyl ether	n/a	=	19.2	µg/L	EPA 625.1	0.41	1			
2021/22-2	Lab	LCS dup, rec	1/18/2022	Organic	4-Chlorophenyl phenyl ether	n/a	=	96	%	EPA 625.1	-88	-88	38	145	
2021/22-2	Lab	LCS, RPD	1/18/2022	Organic	4-Chlorophenyl phenyl ether	n/a	=	7	%	EPA 625.1	-88	-88	0	30	
2021/22-2	Lab	LCS	1/18/2022	Organic	4-Chlorophenyl phenyl ether	n/a	=	17.9	µg/L	EPA 625.1	0.41	1			
2021/22-2	Lab	LCS, rec	1/18/2022	Organic	4-Chlorophenyl phenyl ether	n/a	=	89	%	EPA 625.1	-88	-88	38	145	
2021/22-2	Lab	method blank	1/18/2022	Organic	4-Chlorophenyl phenyl ether	n/a	<	0.41	µg/L	EPA 625.1	0.41	1			
2021/22-2	Lab	method blank	1/13/2022	Organic	4-Nitrophenol	n/a	<	1	µg/L	EPA 8270C	1	2			
2021/22-2	Lab	LCS	1/14/2022	Organic	4-Nitrophenol	n/a	=	8.7	µg/L	EPA 8270C	1	2			
2021/22-2	Lab	LCS, rec	1/14/2022	Organic	4-Nitrophenol	n/a	=	43	%	EPA 8270C	-88	-88	6	46	
2021/22-2	Lab	LCS dup	1/14/2022	Organic	4-Nitrophenol	n/a	=	8.15	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	
2021/22-2	Lab	LCS dup, rec	1/14/2022	Organic	4-Nitrophenol	n/a	=	41	%	EPA 8270C	-88	-88	6	46	
2021/22-2	Lab	LCS, RPD	1/14/2022	Organic	4-Nitrophenol	n/a	=	7	%	EPA 8270C	-88	-88	0	30	
2021/22-2	Lab	LCS dup	1/18/2022	Organic	4-Nitrophenol	n/a	=	11.7	µg/L	EPA 625.1	1.2	5			
2021/22-2	Lab	LCS dup, rec	1/18/2022	Organic	4-Nitrophenol	n/a	=	58	%	EPA 625.1	-88	-88	13	129	
2021/22-2	Lab	LCS, RPD	1/18/2022	Organic	4-Nitrophenol	n/a	=	17	%	EPA 625.1	-88	-88	0	30	
2021/22-2	Lab	LCS	1/18/2022	Organic	4-Nitrophenol	n/a	=	9.84	µg/L	EPA 625.1	1.2	5			
2021/22-2	Lab	LCS, rec	1/18/2022	Organic	4-Nitrophenol	n/a	=	49	%	EPA 625.1	-88	-88	13	129	
2021/22-2	Lab	method blank	1/18/2022	Organic	4-Nitrophenol	n/a	<	1.2	µg/L	EPA 625.1	1.2	5			
2021/22-2	Lab	method blank	1/14/2022	Organic	Acenaphthene	n/a	<	0.028	µg/L	EPA 8270C	0.028	0.1			
2021/22-2	Lab	LCS	1/15/2022	Organic	Acenaphthene	n/a	=	20.8	µg/L	EPA 8270C	0.028	0.1			
2021/22-2	Lab	LCS, rec	1/15/2022	Organic	Acenaphthene	n/a	=	104	%	EPA 8270C	-88	-88	11	122	
2021/22-2	Lab	LCS dup	1/15/2022	Organic	Acenaphthene	n/a	=	19.2	µg/L	EPA 8270C	0.028	0.1			
2021/22-2	Lab	LCS dup, rec	1/15/2022	Organic	Acenaphthene	n/a	=	96	%	EPA 8270C	-88	-88	11	122	
2021/22-2	Lab	LCS, RPD	1/15/2022	Organic	Acenaphthene	n/a	=	8	%	EPA 8270C	-88	-88	0	30	
2021/22-2	Lab	LCS dup	1/18/2022	Organic	Acenaphthene	n/a	=	19.8	µg/L	EPA 625.1	0.38	1			
2021/22-2	Lab	LCS dup, rec	1/18/2022	Organic	Acenaphthene	n/a	=	99	%	EPA 625.1	-88	-88	60	132	
2021/22-2	Lab	LCS, RPD	1/18/2022	Organic	Acenaphthene	n/a	=	6	%	EPA 625.1	-88	-88	0	30	
2021/22-2	Lab	LCS	1/18/2022	Organic	Acenaphthene	n/a	=	18.8	µg/L	EPA 625.1	0.38	1			
2021/22-2	Lab	LCS, rec	1/18/2022	Organic	Acenaphthene	n/a	=	94	%	EPA 625.1	-88	-88	60	132	
2021/22-2	Lab	method blank	1/18/2022	Organic	Acenaphthene	n/a	<	0.38	µg/L	EPA 625.1	0.38	1			
2021/22-2	Lab	method blank	1/14/2022	Organic	Acenaphthylene	n/a	<	0.033	µg/L	EPA 8270C	0.033	0.1			
2021/22-2	Lab	LCS	1/15/2022	Organic	Acenaphthylene	n/a	=	22.3	µg/L	EPA 8270C	0.033	0.1			
2021/22-2	Lab	LCS, rec	1/15/2022	Organic	Acenaphthylene	n/a	=	112	%	EPA 8270C	-88	-88	4	135	
2021/22-2	Lab	LCS dup	1/15/2022	Organic	Acenaphthylene	n/a	=	19.6	µg/L	EPA 8270C	0.033	0.1			
2021/22-2	Lab	LCS dup, rec	1/15/2022	Organic	Acenaphthylene	n/a	=	98	%	EPA 8270C	-88	-88	4	135	
2021/22-2	Lab	LCS, RPD	1/15/2022	Organic	Acenaphthylene	n/a	=	13	%	EPA 8270C	-88	-88	0	30	
2021/22-2	Lab	LCS dup	1/18/2022	Organic	Acenaphthylene	n/a	=	21.1	µg/L	EPA 625.1	0.35	1			
2021/22-2	Lab	LCS dup, rec	1/18/2022	Organic	Acenaphthylene	n/a	=	105	%	EPA 625.1	-88	-88	54	126	
2021/22-2	Lab	LCS, RPD	1/18/2022	Organic	Acenaphthylene	n/a	=	8	%	EPA 625.1	-88	-88	0	30	
2021/22-2	Lab	LCS	1/18/2022	Organic	Acenaphthylene	n/a	=	19.5	µg/L	EPA 625.1	0.35	1			
2021/22-2	Lab	LCS, rec	1/18/2022	Organic	Acenaphthylene	n/a	=	98	%	EPA 625.1	-88	-88	54	126	
2021/22-2	Lab	method blank	1/18/2022	Organic	Acenaphthylene	n/a	<	0.35	µg/L	EPA 625.1	0.35	1			
2021/22-2	Lab	method blank	1/14/2022	Organic	Anthracene	n/a	<	0.025	µg/L	EPA 8270C	0.025	0.1			
2021/22-2	Lab	LCS	1/15/2022	Organic	Anthracene	n/a	=	21.7	µg/L	EPA 8270C	0.025	0.1			
2021/22-2	Lab	LCS, rec	1/15/2022	Organic	Anthracene	n/a	=	108	%	EPA 8270C	-88	-88	22	127	
2021/22-2	Lab	LCS dup	1/15/2022	Organic	Anthracene	n/a	=	20.3	µg/L	EPA 8270C	0.025	0.1			
2021/22-2	Lab	LCS dup, rec	1/15/2022	Organic	Anthracene	n/a	=	102	%	EPA 8270C	-88	-88	22	127	
2021/22-2	Lab	LCS, RPD	1/15/2022	Organic	Anthracene	n/a	=	6	%	EPA 8270C	-88	-88	0	30	
2021/22-2	Lab	LCS dup	1/18/2022	Organic	Anthracene	n/a	=	21.3	µg/L	EPA 625.1	0.41	1			
2021/22-2	Lab	LCS dup, rec	1/18/2022	Organic	Anthracene	n/a	=	106	%	EPA 625.1	-88	-88	43	120	
2021/22-2	Lab	LCS, RPD	1/18/2022	Organic	Anthracene	n/a	=	8	%	EPA 625.1	-88	-88	0	30	
2021/22-2	Lab	LCS	1/18/2022	Organic	Anthracene	n/a	=	19.7	µg/L	EPA 625.1	0.41	1			
2021/22-2	Lab	LCS, rec	1/18/2022	Organic	Anthracene	n/a	=	99	%	EPA 625.1	-88	-88	43	120	
2021/22-2	Lab	method blank	1/18/2022	Organic	Anthracene	n/a	<	0.41	µg/L	EPA 625.1	0.41	1			
2021/22-2	Lab	method blank	1/14/2022	Organic	Benz(a)anthracene	n/a	<	0.051	µg/L	EPA 8270C	0.051	0.1			
2021/22-2	Lab	LCS	1/15/2022	Organic	Benz(a)anthracene	n/a	=	23.9	µg/L	EPA 8270C	0.051	0.1			
2021/22-2	Lab	LCS, rec	1/15/2022	Organic	Benz(a)anthracene	n/a	=	119	%	EPA 8270C	-88	-88	17	131	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2021/22-2	Lab	LCS dup	1/15/2022	Organic	Benz(a)anthracene	n/a	=	22.1	µg/L	EPA 8270C	0.051	0.1			
2021/22-2	Lab	LCS dup, rec	1/15/2022	Organic	Benz(a)anthracene	n/a	=	111	%	EPA 8270C	-88	-88	17	131	
2021/22-2	Lab	LCS, RPD	1/15/2022	Organic	Benz(a)anthracene	n/a	=	8	%	EPA 8270C	-88	-88	0	30	
2021/22-2	Lab	LCS dup	1/18/2022	Organic	Benz(a)anthracene	n/a	=	29	µg/L	EPA 625.1	0.19	1			EUM
2021/22-2	Lab	LCS dup, rec	1/18/2022	Organic	Benz(a)anthracene	n/a	=	145	%	EPA 625.1	-88	-88	42	133	EUM
2021/22-2	Lab	LCS, RPD	1/18/2022	Organic	Benz(a)anthracene	n/a	=	17	%	EPA 625.1	-88	-88	0	30	EUM
2021/22-2	Lab	LCS	1/18/2022	Organic	Benz(a)anthracene	n/a	=	24.4	µg/L	EPA 625.1	0.19	1			
2021/22-2	Lab	LCS, rec	1/18/2022	Organic	Benz(a)anthracene	n/a	=	122	%	EPA 625.1	-88	-88	42	133	
2021/22-2	Lab	method blank	1/18/2022	Organic	Benz(a)anthracene	n/a	<	0.19	µg/L	EPA 625.1	0.19	1			
2021/22-2	Lab	method blank	1/18/2022	Organic	Benzo(a)pyrene	n/a	<	3.2	µg/L	EPA 625.1	3.2	10			
2021/22-2	Lab	method blank	12/22/2021	Organic	Benzo(a)pyrene	n/a	<	0.02	µg/L	EPA 525.2	0.02	0.1			
2021/22-2	Lab	LCS	12/22/2021	Organic	Benzo(a)pyrene	n/a	=	4.88	µg/L	EPA 525.2	0.02	0.1			
2021/22-2	Lab	LCS, rec	12/22/2021	Organic	Benzo(a)pyrene	n/a	=	98	%	EPA 525.2	-88	-88	60	130	
2021/22-2	Lab	LCS dup	12/22/2021	Organic	Benzo(a)pyrene	n/a	=	4.89	µg/L	EPA 525.2	0.02	0.1			
2021/22-2	Lab	LCS dup, rec	12/22/2021	Organic	Benzo(a)pyrene	n/a	=	98	%	EPA 525.2	-88	-88	60	130	
2021/22-2	Lab	LCS, RPD	12/22/2021	Organic	Benzo(a)pyrene	n/a	=	0.3	%	EPA 525.2	-88	-88	0	30	
2021/22-2	Lab	method blank	12/23/2021	Organic	Benzo(a)pyrene	n/a	<	0.02	µg/L	EPA 525.2	0.02	0.1			
2021/22-2	Lab	LCS	12/23/2021	Organic	Benzo(a)pyrene	n/a	=	5.25	µg/L	EPA 525.2	0.02	0.1			
2021/22-2	Lab	LCS, rec	12/23/2021	Organic	Benzo(a)pyrene	n/a	=	105	%	EPA 525.2	-88	-88	60	130	
2021/22-2	Lab	LCS dup	12/23/2021	Organic	Benzo(a)pyrene	n/a	=	5.35	µg/L	EPA 525.2	0.02	0.1			
2021/22-2	Lab	LCS dup, rec	12/23/2021	Organic	Benzo(a)pyrene	n/a	=	107	%	EPA 525.2	-88	-88	60	130	
2021/22-2	Lab	LCS, RPD	12/23/2021	Organic	Benzo(a)pyrene	n/a	=	2	%	EPA 525.2	-88	-88	0	30	
2021/22-2	Lab	method blank	12/27/2021	Organic	Benzo(a)pyrene	n/a	<	0.02	µg/L	EPA 525.2	0.02	0.1			
2021/22-2	Lab	LCS	12/27/2021	Organic	Benzo(a)pyrene	n/a	=	5.17	µg/L	EPA 525.2	0.02	0.1			
2021/22-2	Lab	LCS, rec	12/27/2021	Organic	Benzo(a)pyrene	n/a	=	103	%	EPA 525.2	-88	-88	60	130	
2021/22-2	Lab	LCS dup	12/27/2021	Organic	Benzo(a)pyrene	n/a	=	5.15	µg/L	EPA 525.2	0.02	0.1			
2021/22-2	Lab	LCS dup, rec	12/27/2021	Organic	Benzo(a)pyrene	n/a	=	103	%	EPA 525.2	-88	-88	60	130	
2021/22-2	Lab	LCS, RPD	12/27/2021	Organic	Benzo(a)pyrene	n/a	=	0.4	%	EPA 525.2	-88	-88	0	30	
2021/22-2	Lab	method blank	12/29/2021	Organic	Benzo(a)pyrene	n/a	<	0.02	µg/L	EPA 525.2	0.02	0.1			
2021/22-2	Lab	LCS	12/29/2021	Organic	Benzo(a)pyrene	n/a	=	5.18	µg/L	EPA 525.2	0.02	0.1			
2021/22-2	Lab	LCS, rec	12/29/2021	Organic	Benzo(a)pyrene	n/a	=	104	%	EPA 525.2	-88	-88	60	130	
2021/22-2	Lab	LCS dup	12/29/2021	Organic	Benzo(a)pyrene	n/a	=	5.02	µg/L	EPA 525.2	0.02	0.1			
2021/22-2	Lab	LCS dup, rec	12/29/2021	Organic	Benzo(a)pyrene	n/a	=	100	%	EPA 525.2	-88	-88	60	130	
2021/22-2	Lab	LCS, RPD	12/29/2021	Organic	Benzo(a)pyrene	n/a	=	3	%	EPA 525.2	-88	-88	0	30	
2021/22-2	Lab	method blank	1/14/2022	Organic	Benzo(a)pyrene	n/a	<	0.051	µg/L	EPA 8270C	0.051	0.1			
2021/22-2	Lab	LCS	1/15/2022	Organic	Benzo(a)pyrene	n/a	=	20.2	µg/L	EPA 8270C	0.051	0.1			
2021/22-2	Lab	LCS, rec	1/15/2022	Organic	Benzo(a)pyrene	n/a	=	101	%	EPA 8270C	-88	-88	12	131	
2021/22-2	Lab	LCS dup	1/15/2022	Organic	Benzo(a)pyrene	n/a	=	19.5	µg/L	EPA 8270C	0.051	0.1			
2021/22-2	Lab	LCS dup, rec	1/15/2022	Organic	Benzo(a)pyrene	n/a	=	97	%	EPA 8270C	-88	-88	12	131	
2021/22-2	Lab	LCS, RPD	1/15/2022	Organic	Benzo(a)pyrene	n/a	=	4	%	EPA 8270C	-88	-88	0	30	
2021/22-2	Lab	LCS dup	1/18/2022	Organic	Benzo(a)pyrene	n/a	=	21	µg/L	EPA 625.1	0.39	1			
2021/22-2	Lab	LCS dup, rec	1/18/2022	Organic	Benzo(a)pyrene	n/a	=	105	%	EPA 625.1	-88	-88	32	148	
2021/22-2	Lab	LCS, RPD	1/18/2022	Organic	Benzo(a)pyrene	n/a	=	2	%	EPA 625.1	-88	-88	0	30	
2021/22-2	Lab	LCS	1/18/2022	Organic	Benzo(a)pyrene	n/a	=	20.6	µg/L	EPA 625.1	0.39	1			
2021/22-2	Lab	LCS, rec	1/18/2022	Organic	Benzo(a)pyrene	n/a	=	103	%	EPA 625.1	-88	-88	32	148	
2021/22-2	Lab	method blank	1/18/2022	Organic	Benzo(a)pyrene	n/a	<	0.39	µg/L	EPA 625.1	0.39	1			
2021/22-2	Lab	method blank	1/14/2022	Organic	Benzo(b)fluoranthene	n/a	<	0.074	µg/L	EPA 8270C	0.074	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	
2021/22-2	Lab	LCS	1/15/2022	Organic	Benzo(b)fluoranthene	n/a	=	23.8	µg/L	EPA 8270C	0.074	0.1			AN-IP
2021/22-2	Lab	LCS, rec	1/15/2022	Organic	Benzo(b)fluoranthene	n/a	=	119	%	EPA 8270C	-88	-88	19	129	AN-IP
2021/22-2	Lab	LCS dup	1/15/2022	Organic	Benzo(b)fluoranthene	n/a	=	22.7	µg/L	EPA 8270C	0.074	0.1			AN-IP
2021/22-2	Lab	LCS dup, rec	1/15/2022	Organic	Benzo(b)fluoranthene	n/a	=	114	%	EPA 8270C	-88	-88	19	129	AN-IP
2021/22-2	Lab	LCS, RPD	1/15/2022	Organic	Benzo(b)fluoranthene	n/a	=	5	%	EPA 8270C	-88	-88	0	30	AN-IP
2021/22-2	Lab	LCS dup	1/18/2022	Organic	Benzo(b)fluoranthene	n/a	=	22	µg/L	EPA 625.1	0.46	1			AN-IP
2021/22-2	Lab	LCS dup, rec	1/18/2022	Organic	Benzo(b)fluoranthene	n/a	=	110	%	EPA 625.1	-88	-88	42	140	AN-IP
2021/22-2	Lab	LCS, RPD	1/18/2022	Organic	Benzo(b)fluoranthene	n/a	=	5	%	EPA 625.1	-88	-88	0	30	AN-IP
2021/22-2	Lab	LCS	1/18/2022	Organic	Benzo(b)fluoranthene	n/a	=	21	µg/L	EPA 625.1	0.46	1			AN-IP
2021/22-2	Lab	LCS, rec	1/18/2022	Organic	Benzo(b)fluoranthene	n/a	=	105	%	EPA 625.1	-88	-88	42	140	AN-IP
2021/22-2	Lab	method blank	1/18/2022	Organic	Benzo(b)fluoranthene	n/a	<	0.46	µg/L	EPA 625.1	0.46	1			
2021/22-2	Lab	method blank	1/14/2022	Organic	Benzo(e)pyrene	n/a	<	0.055	µg/L	EPA 8270C	0.055	0.1			
2021/22-2	Lab	method blank	1/14/2022	Organic	Benzo(g,h,i)perylene	n/a	<	0.05	µg/L	EPA 8270C	0.05	0.1			
2021/22-2	Lab	LCS	1/15/2022	Organic	Benzo(g,h,i)perylene	n/a	=	18.3	µg/L	EPA 8270C	0.05	0.1			
2021/22-2	Lab	LCS, rec	1/15/2022	Organic	Benzo(g,h,i)perylene	n/a	=	92	%	EPA 8270C	-88	-88	14	139	
2021/22-2	Lab	LCS dup	1/15/2022	Organic	Benzo(g,h,i)perylene	n/a	=	18.1	µg/L	EPA 8270C	0.05	0.1			
2021/22-2	Lab	LCS dup, rec	1/15/2022	Organic	Benzo(g,h,i)perylene	n/a	=	90	%	EPA 8270C	-88	-88	14	139	
2021/22-2	Lab	LCS, RPD	1/15/2022	Organic	Benzo(g,h,i)perylene	n/a	=	1	%	EPA 8270C	-88	-88	0	30	
2021/22-2	Lab	LCS dup	1/18/2022	Organic	Benzo(g,h,i)perylene	n/a	=	22	µg/L	EPA 625.1	0.42	2			
2021/22-2	Lab	LCS dup, rec	1/18/2022	Organic	Benzo(g,h,i)perylene	n/a	=	110	%	EPA 625.1	-88	-88	0.1	195	
2021/22-2	Lab	LCS, RPD	1/18/2022	Organic	Benzo(g,h,i)perylene	n/a	=	4	%	EPA 625.1	-88	-88	0	30	
2021/22-2	Lab	LCS	1/18/2022	Organic	Benzo(g,h,i)perylene	n/a	=	21.3	µg/L	EPA 625.1	0.42	2			
2021/22-2	Lab	LCS, rec	1/18/2022	Organic	Benzo(g,h,i)perylene	n/a	=	106	%	EPA 625.1	-88	-88	0.1	195	
2021/22-2	Lab	method blank	1/18/2022	Organic	Benzo(g,h,i)perylene	n/a	<	0.42	µg/L	EPA 625.1	0.42	2			
2021/22-2	Lab	method blank	1/14/2022	Organic	Benzo(k)fluoranthene	n/a	<	0.026	µg/L	EPA 8270C	0.026	0.1			
2021/22-2	Lab	LCS	1/15/2022	Organic	Benzo(k)fluoranthene	n/a	=	22.4	µg/L	EPA 8270C	0.026	0.1			AN-IP
2021/22-2	Lab	LCS, rec	1/15/2022	Organic	Benzo(k)fluoranthene	n/a	=	112	%	EPA 8270C	-88	-88	22	127	AN-IP
2021/22-2	Lab	LCS dup	1/15/2022	Organic	Benzo(k)fluoranthene	n/a	=	21.5	µg/L	EPA 8270C	0.026	0.1			AN-IP
2021/22-2	Lab	LCS dup, rec	1/15/2022	Organic	Benzo(k)fluoranthene	n/a	=	108	%	EPA 8270C	-88	-88	22	127	AN-IP
2021/22-2	Lab	LCS, RPD	1/15/2022	Organic	Benzo(k)fluoranthene	n/a	=	4	%	EPA 8270C	-88	-88	0	30	AN-IP
2021/22-2	Lab	LCS dup	1/18/2022	Organic	Benzo(k)fluoranthene	n/a	=	23.3	µg/L	EPA 625.1	0.22	1			AN-IP
2021/22-2	Lab	LCS dup, rec	1/18/2022	Organic	Benzo(k)fluoranthene	n/a	=	117	%	EPA 625.1	-88	-88	25	146	AN-IP
2021/22-2	Lab	LCS, RPD	1/18/2022	Organic	Benzo(k)fluoranthene	n/a	=	5	%	EPA 625.1	-88	-88	0	30	AN-IP
2021/22-2	Lab	LCS	1/18/2022	Organic	Benzo(k)fluoranthene	n/a	=	22.2	µg/L	EPA 625.1	0.22	1			AN-IP
2021/22-2	Lab	LCS, rec	1/18/2022	Organic	Benzo(k)fluoranthene	n/a	=	111	%	EPA 625.1	-88	-88	25	146	AN-IP
2021/22-2	Lab	method blank	1/18/2022	Organic	Benzo(k)fluoranthene	n/a	<	0.22	µg/L	EPA 625.1	0.22	1			
2021/22-2	Lab	method blank	1/14/2022	Organic	Biphenyl	n/a	<	0.029	µg/L	EPA 8270C	0.029	0.1			
2021/22-2	Lab	LCS dup	1/18/2022	Organic	Bis(2-chloroethoxy)methane	n/a	=	18	µg/L	EPA 625.1	0.25	1			
2021/22-2	Lab	LCS dup, rec	1/18/2022	Organic	Bis(2-chloroethoxy)methane	n/a	=	90	%	EPA 625.1	-88	-88	49	165	
2021/22-2	Lab	LCS, RPD	1/18/2022	Organic	Bis(2-chloroethoxy)methane	n/a	=	8	%	EPA 625.1	-88	-88	0	30	
2021/22-2	Lab	LCS	1/18/2022	Organic	Bis(2-chloroethoxy)methane	n/a	=	16.7	µg/L	EPA 625.1	0.25	1			
2021/22-2	Lab	LCS, rec	1/18/2022	Organic	Bis(2-chloroethoxy)methane	n/a	=	84	%	EPA 625.1	-88	-88	49	165	
2021/22-2	Lab	method blank	1/18/2022	Organic	Bis(2-chloroethoxy)methane	n/a	<	0.25	µg/L	EPA 625.1	0.25	1			
2021/22-2	Lab	LCS dup	1/18/2022	Organic	Bis(2-chloroethyl)ether	n/a	=	16.8	µg/L	EPA 625.1	0.27	1			
2021/22-2	Lab	LCS dup, rec	1/18/2022	Organic	Bis(2-chloroethyl)ether	n/a	=	84	%	EPA 625.1	-88	-88	43	126	
2021/22-2	Lab	LCS, RPD	1/18/2022	Organic	Bis(2-chloroethyl)ether	n/a	=	7	%	EPA 625.1	-88	-88	0	30	
2021/22-2	Lab	LCS	1/18/2022	Organic	Bis(2-chloroethyl)ether	n/a	=	15.7	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	
2021/22-2	Lab	LCS, rec	1/18/2022	Organic	Bis(2-chloroethyl)ether	n/a	=	78	%	EPA 625.1	-88	-88	43	126	
2021/22-2	Lab	method blank	1/18/2022	Organic	Bis(2-chloroethyl)ether	n/a	<	0.27	µg/L	EPA 625.1	0.27	1			
2021/22-2	Lab	LCS dup	1/18/2022	Organic	Bis(2-chloroisopropyl)ether	n/a	=	16.9	µg/L	EPA 625.1	0.38	1			
2021/22-2	Lab	LCS dup, rec	1/18/2022	Organic	Bis(2-chloroisopropyl)ether	n/a	=	85	%	EPA 625.1	-88	-88	63	139	
2021/22-2	Lab	LCS, RPD	1/18/2022	Organic	Bis(2-chloroisopropyl)ether	n/a	=	7	%	EPA 625.1	-88	-88	0	30	
2021/22-2	Lab	LCS	1/18/2022	Organic	Bis(2-chloroisopropyl)ether	n/a	=	15.8	µg/L	EPA 625.1	0.38	1			
2021/22-2	Lab	LCS, rec	1/18/2022	Organic	Bis(2-chloroisopropyl)ether	n/a	=	79	%	EPA 625.1	-88	-88	63	139	
2021/22-2	Lab	method blank	1/18/2022	Organic	Bis(2-chloroisopropyl)ether	n/a	<	0.38	µg/L	EPA 625.1	0.38	1			
2021/22-2	Lab	method blank	12/22/2021	Organic	Bis(2-ethylhexyl)adipate	n/a	<	0.42	µg/L	EPA 525.2	0.42	5			
2021/22-2	Lab	LCS	12/22/2021	Organic	Bis(2-ethylhexyl)adipate	n/a	=	6.49	µg/L	EPA 525.2	0.42	5			
2021/22-2	Lab	LCS, rec	12/22/2021	Organic	Bis(2-ethylhexyl)adipate	n/a	=	130	%	EPA 525.2	-88	-88	70	130	
2021/22-2	Lab	LCS dup	12/22/2021	Organic	Bis(2-ethylhexyl)adipate	n/a	=	6.49	µg/L	EPA 525.2	0.42	5			
2021/22-2	Lab	LCS dup, rec	12/22/2021	Organic	Bis(2-ethylhexyl)adipate	n/a	=	130	%	EPA 525.2	-88	-88	70	130	
2021/22-2	Lab	LCS, RPD	12/22/2021	Organic	Bis(2-ethylhexyl)adipate	n/a	=	0.09	%	EPA 525.2	-88	-88	0	30	
2021/22-2	Lab	method blank	12/23/2021	Organic	Bis(2-ethylhexyl)adipate	n/a	<	0.42	µg/L	EPA 525.2	0.42	5			
2021/22-2	Lab	LCS	12/23/2021	Organic	Bis(2-ethylhexyl)adipate	n/a	=	5.96	µg/L	EPA 525.2	0.42	5			
2021/22-2	Lab	LCS, rec	12/23/2021	Organic	Bis(2-ethylhexyl)adipate	n/a	=	119	%	EPA 525.2	-88	-88	70	130	
2021/22-2	Lab	LCS dup	12/23/2021	Organic	Bis(2-ethylhexyl)adipate	n/a	=	5.91	µg/L	EPA 525.2	0.42	5			
2021/22-2	Lab	LCS dup, rec	12/23/2021	Organic	Bis(2-ethylhexyl)adipate	n/a	=	118	%	EPA 525.2	-88	-88	70	130	
2021/22-2	Lab	LCS, RPD	12/23/2021	Organic	Bis(2-ethylhexyl)adipate	n/a	=	0.9	%	EPA 525.2	-88	-88	0	30	
2021/22-2	Lab	method blank	12/27/2021	Organic	Bis(2-ethylhexyl)adipate	n/a	<	0.42	µg/L	EPA 525.2	0.42	5			
2021/22-2	Lab	LCS	12/27/2021	Organic	Bis(2-ethylhexyl)adipate	n/a	=	6.12	µg/L	EPA 525.2	0.42	5			
2021/22-2	Lab	LCS, rec	12/27/2021	Organic	Bis(2-ethylhexyl)adipate	n/a	=	122	%	EPA 525.2	-88	-88	70	130	
2021/22-2	Lab	LCS dup	12/27/2021	Organic	Bis(2-ethylhexyl)adipate	n/a	=	6.04	µg/L	EPA 525.2	0.42	5			
2021/22-2	Lab	LCS dup, rec	12/27/2021	Organic	Bis(2-ethylhexyl)adipate	n/a	=	121	%	EPA 525.2	-88	-88	70	130	
2021/22-2	Lab	LCS, RPD	12/27/2021	Organic	Bis(2-ethylhexyl)adipate	n/a	=	1	%	EPA 525.2	-88	-88	0	30	
2021/22-2	Lab	method blank	12/29/2021	Organic	Bis(2-ethylhexyl)adipate	n/a	<	0.42	µg/L	EPA 525.2	0.42	5			
2021/22-2	Lab	LCS	12/29/2021	Organic	Bis(2-ethylhexyl)adipate	n/a	=	5.59	µg/L	EPA 525.2	0.42	5			
2021/22-2	Lab	LCS, rec	12/29/2021	Organic	Bis(2-ethylhexyl)adipate	n/a	=	112	%	EPA 525.2	-88	-88	70	130	
2021/22-2	Lab	LCS dup	12/29/2021	Organic	Bis(2-ethylhexyl)adipate	n/a	=	5.69	µg/L	EPA 525.2	0.42	5			
2021/22-2	Lab	LCS dup, rec	12/29/2021	Organic	Bis(2-ethylhexyl)adipate	n/a	=	114	%	EPA 525.2	-88	-88	70	130	
2021/22-2	Lab	LCS, RPD	12/29/2021	Organic	Bis(2-ethylhexyl)adipate	n/a	=	2	%	EPA 525.2	-88	-88	0	30	
2021/22-2	Lab	method blank	12/22/2021	Organic	Bis(2-ethylhexyl)phthalate	n/a	<	0.41	µg/L	EPA 525.2	0.41	3			
2021/22-2	Lab	LCS	12/22/2021	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	6.52	µg/L	EPA 525.2	0.41	3			
2021/22-2	Lab	LCS, rec	12/22/2021	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	130	%	EPA 525.2	-88	-88	70	130	
2021/22-2	Lab	LCS dup	12/22/2021	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	6.43	µg/L	EPA 525.2	0.41	3			
2021/22-2	Lab	LCS dup, rec	12/22/2021	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	129	%	EPA 525.2	-88	-88	70	130	
2021/22-2	Lab	LCS, RPD	12/22/2021	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	1	%	EPA 525.2	-88	-88	0	30	
2021/22-2	Lab	method blank	12/23/2021	Organic	Bis(2-ethylhexyl)phthalate	n/a	<	0.41	µg/L	EPA 525.2	0.41	3			
2021/22-2	Lab	LCS	12/23/2021	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	6.58	µg/L	EPA 525.2	0.41	3			EUM
2021/22-2	Lab	LCS, rec	12/23/2021	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	132	%	EPA 525.2	-88	-88	70	130	EUM
2021/22-2	Lab	LCS dup	12/23/2021	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	6.57	µg/L	EPA 525.2	0.41	3			EUM
2021/22-2	Lab	LCS dup, rec	12/23/2021	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	131	%	EPA 525.2	-88	-88	70	130	EUM
2021/22-2	Lab	LCS, RPD	12/23/2021	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	0.05	%	EPA 525.2	-88	-88	0	30	EUM
2021/22-2	Lab	method blank	12/27/2021	Organic	Bis(2-ethylhexyl)phthalate	n/a	<	0.41	µg/L	EPA 525.2	0.41	3			
2021/22-2	Lab	LCS	12/27/2021	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	6.72	µg/L	EPA 525.2	0.41	3			EUM
2021/22-2	Lab	LCS, rec	12/27/2021	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	134	%	EPA 525.2	-88	-88	70	130	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	
2021/22-2	Lab	LCS dup	12/27/2021	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	6.59	µg/L	EPA 525.2	0.41	3			EUM
2021/22-2	Lab	LCS dup, rec	12/27/2021	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	132	%	EPA 525.2	-88	-88	70	130	EUM
2021/22-2	Lab	LCS, RPD	12/27/2021	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	2	%	EPA 525.2	-88	-88	0	30	EUM
2021/22-2	Lab	method blank	12/29/2021	Organic	Bis(2-ethylhexyl)phthalate	n/a	<	0.41	µg/L	EPA 525.2	0.41	3			
2021/22-2	Lab	LCS	12/29/2021	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	6.25	µg/L	EPA 525.2	0.41	3			
2021/22-2	Lab	LCS, rec	12/29/2021	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	125	%	EPA 525.2	-88	-88	70	130	
2021/22-2	Lab	LCS dup	12/29/2021	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	6.29	µg/L	EPA 525.2	0.41	3			
2021/22-2	Lab	LCS dup, rec	12/29/2021	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	126	%	EPA 525.2	-88	-88	70	130	
2021/22-2	Lab	LCS, RPD	12/29/2021	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	0.6	%	EPA 525.2	-88	-88	0	30	
2021/22-2	Lab	LCS dup	1/18/2022	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	27	µg/L	EPA 625.1	2.3	5			
2021/22-2	Lab	LCS dup, rec	1/18/2022	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	135	%	EPA 625.1	-88	-88	29	137	
2021/22-2	Lab	LCS, RPD	1/18/2022	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	2	%	EPA 625.1	-88	-88	0	30	
2021/22-2	Lab	LCS	1/18/2022	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	26.3	µg/L	EPA 625.1	2.3	5			
2021/22-2	Lab	LCS, rec	1/18/2022	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	132	%	EPA 625.1	-88	-88	29	137	
2021/22-2	Lab	method blank	1/18/2022	Organic	Bis(2-ethylhexyl)phthalate	n/a	<	2.3	µg/L	EPA 625.1	2.3	5			
2021/22-2	Lab	LCS dup	1/18/2022	Organic	Butyl benzyl phthalate	n/a	=	27.6	µg/L	EPA 625.1	0.49	1			
2021/22-2	Lab	LCS dup, rec	1/18/2022	Organic	Butyl benzyl phthalate	n/a	=	138	%	EPA 625.1	-88	-88	0.1	140	
2021/22-2	Lab	LCS, RPD	1/18/2022	Organic	Butyl benzyl phthalate	n/a	=	14	%	EPA 625.1	-88	-88	0	30	
2021/22-2	Lab	LCS	1/18/2022	Organic	Butyl benzyl phthalate	n/a	=	23.9	µg/L	EPA 625.1	0.49	1			
2021/22-2	Lab	LCS, rec	1/18/2022	Organic	Butyl benzyl phthalate	n/a	=	120	%	EPA 625.1	-88	-88	0.1	140	
2021/22-2	Lab	method blank	1/18/2022	Organic	Butyl benzyl phthalate	n/a	<	0.49	µg/L	EPA 625.1	0.49	1			
2021/22-2	Lab	method blank	1/14/2022	Organic	Chrysene	n/a	<	0.074	µg/L	EPA 8270C	0.074	0.1			
2021/22-2	Lab	LCS	1/15/2022	Organic	Chrysene	n/a	=	19.5	µg/L	EPA 8270C	0.074	0.1			
2021/22-2	Lab	LCS, rec	1/15/2022	Organic	Chrysene	n/a	=	97	%	EPA 8270C	-88	-88	32	126	
2021/22-2	Lab	LCS dup	1/15/2022	Organic	Chrysene	n/a	=	18.4	µg/L	EPA 8270C	0.074	0.1			
2021/22-2	Lab	LCS dup, rec	1/15/2022	Organic	Chrysene	n/a	=	92	%	EPA 8270C	-88	-88	32	126	
2021/22-2	Lab	LCS, RPD	1/15/2022	Organic	Chrysene	n/a	=	6	%	EPA 8270C	-88	-88	0	30	
2021/22-2	Lab	LCS dup	1/18/2022	Organic	Chrysene	n/a	=	20.4	µg/L	EPA 625.1	0.19	1			
2021/22-2	Lab	LCS dup, rec	1/18/2022	Organic	Chrysene	n/a	=	102	%	EPA 625.1	-88	-88	44	140	
2021/22-2	Lab	LCS, RPD	1/18/2022	Organic	Chrysene	n/a	=	5	%	EPA 625.1	-88	-88	0	30	
2021/22-2	Lab	LCS	1/18/2022	Organic	Chrysene	n/a	=	19.3	µg/L	EPA 625.1	0.19	1			
2021/22-2	Lab	LCS, rec	1/18/2022	Organic	Chrysene	n/a	=	96	%	EPA 625.1	-88	-88	44	140	
2021/22-2	Lab	method blank	1/18/2022	Organic	Chrysene	n/a	<	0.19	µg/L	EPA 625.1	0.19	1			
2021/22-2	Lab	method blank	1/14/2022	Organic	Dibenz(a,h)anthracene	n/a	<	0.036	µg/L	EPA 8270C	0.036	0.1			
2021/22-2	Lab	LCS	1/15/2022	Organic	Dibenz(a,h)anthracene	n/a	=	23.8	µg/L	EPA 8270C	0.036	0.1			
2021/22-2	Lab	LCS, rec	1/15/2022	Organic	Dibenz(a,h)anthracene	n/a	=	119	%	EPA 8270C	-88	-88	9	147	
2021/22-2	Lab	LCS dup	1/15/2022	Organic	Dibenz(a,h)anthracene	n/a	=	23.1	µg/L	EPA 8270C	0.036	0.1			
2021/22-2	Lab	LCS dup, rec	1/15/2022	Organic	Dibenz(a,h)anthracene	n/a	=	115	%	EPA 8270C	-88	-88	9	147	
2021/22-2	Lab	LCS, RPD	1/15/2022	Organic	Dibenz(a,h)anthracene	n/a	=	3	%	EPA 8270C	-88	-88	0	30	
2021/22-2	Lab	LCS dup	1/18/2022	Organic	Dibenz(a,h)anthracene	n/a	=	22	µg/L	EPA 625.1	0.15	2			
2021/22-2	Lab	LCS dup, rec	1/18/2022	Organic	Dibenz(a,h)anthracene	n/a	=	110	%	EPA 625.1	-88	-88	0.1	200	
2021/22-2	Lab	LCS, RPD	1/18/2022	Organic	Dibenz(a,h)anthracene	n/a	=	9	%	EPA 625.1	-88	-88	0	30	
2021/22-2	Lab	LCS	1/18/2022	Organic	Dibenz(a,h)anthracene	n/a	=	20	µg/L	EPA 625.1	0.15	2			
2021/22-2	Lab	LCS, rec	1/18/2022	Organic	Dibenz(a,h)anthracene	n/a	=	100	%	EPA 625.1	-88	-88	0.1	200	
2021/22-2	Lab	method blank	1/18/2022	Organic	Dibenz(a,h)anthracene	n/a	<	0.15	µg/L	EPA 625.1	0.15	2			
2021/22-2	Lab	LCS dup	1/18/2022	Organic	Diethyl phthalate	n/a	=	20.8	µg/L	EPA 625.1	0.35	1			
2021/22-2	Lab	LCS dup, rec	1/18/2022	Organic	Diethyl phthalate	n/a	=	104	%	EPA 625.1	-88	-88	0.1	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	
2021/22-2	Lab	LCS, RPD	1/18/2022	Organic	Diethyl phthalate	n/a	=	6	%	EPA 625.1	-88	-88	0	30	
2021/22-2	Lab	LCS	1/18/2022	Organic	Diethyl phthalate	n/a	=	19.6	µg/L	EPA 625.1	0.35	1			
2021/22-2	Lab	LCS, rec	1/18/2022	Organic	Diethyl phthalate	n/a	=	98	%	EPA 625.1	-88	-88	0.1	120	
2021/22-2	Lab	method blank	1/18/2022	Organic	Diethyl phthalate	n/a	<	0.35	µg/L	EPA 625.1	0.35	1			
2021/22-2	Lab	LCS dup	1/18/2022	Organic	Dimethyl phthalate	n/a	=	19.5	µg/L	EPA 625.1	0.18	1			
2021/22-2	Lab	LCS dup, rec	1/18/2022	Organic	Dimethyl phthalate	n/a	=	98	%	EPA 625.1	-88	-88	0.1	120	
2021/22-2	Lab	LCS, RPD	1/18/2022	Organic	Dimethyl phthalate	n/a	=	8	%	EPA 625.1	-88	-88	0	30	
2021/22-2	Lab	LCS	1/18/2022	Organic	Dimethyl phthalate	n/a	=	18.1	µg/L	EPA 625.1	0.18	1			
2021/22-2	Lab	LCS, rec	1/18/2022	Organic	Dimethyl phthalate	n/a	=	90	%	EPA 625.1	-88	-88	0.1	120	
2021/22-2	Lab	method blank	1/18/2022	Organic	Dimethyl phthalate	n/a	<	0.18	µg/L	EPA 625.1	0.18	1			
2021/22-2	Lab	LCS dup	1/18/2022	Organic	Di-n-butylphthalate	n/a	=	23	µg/L	EPA 625.1	0.34	1			
2021/22-2	Lab	LCS dup, rec	1/18/2022	Organic	Di-n-butylphthalate	n/a	=	115	%	EPA 625.1	-88	-88	8	120	
2021/22-2	Lab	LCS, RPD	1/18/2022	Organic	Di-n-butylphthalate	n/a	=	8	%	EPA 625.1	-88	-88	0	30	
2021/22-2	Lab	LCS	1/18/2022	Organic	Di-n-butylphthalate	n/a	=	21.2	µg/L	EPA 625.1	0.34	1			
2021/22-2	Lab	LCS, rec	1/18/2022	Organic	Di-n-butylphthalate	n/a	=	106	%	EPA 625.1	-88	-88	8	120	
2021/22-2	Lab	method blank	1/18/2022	Organic	Di-n-butylphthalate	n/a	<	0.34	µg/L	EPA 625.1	0.34	1			
2021/22-2	Lab	LCS dup	1/18/2022	Organic	Di-n-octylphthalate	n/a	=	22.5	µg/L	EPA 625.1	0.46	1			
2021/22-2	Lab	LCS dup, rec	1/18/2022	Organic	Di-n-octylphthalate	n/a	=	113	%	EPA 625.1	-88	-88	19	132	
2021/22-2	Lab	LCS, RPD	1/18/2022	Organic	Di-n-octylphthalate	n/a	=	7	%	EPA 625.1	-88	-88	0	30	
2021/22-2	Lab	LCS	1/18/2022	Organic	Di-n-octylphthalate	n/a	=	21	µg/L	EPA 625.1	0.46	1			
2021/22-2	Lab	LCS, rec	1/18/2022	Organic	Di-n-octylphthalate	n/a	=	105	%	EPA 625.1	-88	-88	19	132	
2021/22-2	Lab	method blank	1/18/2022	Organic	Di-n-octylphthalate	n/a	<	0.46	µg/L	EPA 625.1	0.46	1			
2021/22-2	Lab	method blank	1/14/2022	Organic	Fluoranthene	n/a	<	0.039	µg/L	EPA 8270C	0.039	0.1			
2021/22-2	Lab	LCS	1/15/2022	Organic	Fluoranthene	n/a	=	21.2	µg/L	EPA 8270C	0.039	0.1			
2021/22-2	Lab	LCS, rec	1/15/2022	Organic	Fluoranthene	n/a	=	106	%	EPA 8270C	-88	-88	22	131	
2021/22-2	Lab	LCS dup	1/15/2022	Organic	Fluoranthene	n/a	=	19.2	µg/L	EPA 8270C	0.039	0.1			
2021/22-2	Lab	LCS dup, rec	1/15/2022	Organic	Fluoranthene	n/a	=	96	%	EPA 8270C	-88	-88	22	131	
2021/22-2	Lab	LCS, RPD	1/15/2022	Organic	Fluoranthene	n/a	=	10	%	EPA 8270C	-88	-88	0	30	
2021/22-2	Lab	LCS dup	1/18/2022	Organic	Fluoranthene	n/a	=	26.2	µg/L	EPA 625.1	0.35	1			EUM
2021/22-2	Lab	LCS dup, rec	1/18/2022	Organic	Fluoranthene	n/a	=	131	%	EPA 625.1	-88	-88	43	121	EUM
2021/22-2	Lab	LCS, RPD	1/18/2022	Organic	Fluoranthene	n/a	=	11	%	EPA 625.1	-88	-88	0	30	EUM
2021/22-2	Lab	LCS	1/18/2022	Organic	Fluoranthene	n/a	=	23.3	µg/L	EPA 625.1	0.35	1			
2021/22-2	Lab	LCS, rec	1/18/2022	Organic	Fluoranthene	n/a	=	117	%	EPA 625.1	-88	-88	43	121	
2021/22-2	Lab	method blank	1/18/2022	Organic	Fluoranthene	n/a	<	0.35	µg/L	EPA 625.1	0.35	1			
2021/22-2	Lab	method blank	1/14/2022	Organic	Fluorene	n/a	<	0.029	µg/L	EPA 8270C	0.029	0.1			
2021/22-2	Lab	LCS	1/15/2022	Organic	Fluorene	n/a	=	22.1	µg/L	EPA 8270C	0.029	0.1			
2021/22-2	Lab	LCS, rec	1/15/2022	Organic	Fluorene	n/a	=	111	%	EPA 8270C	-88	-88	19	122	
2021/22-2	Lab	LCS dup	1/15/2022	Organic	Fluorene	n/a	=	20	µg/L	EPA 8270C	0.029	0.1			
2021/22-2	Lab	LCS dup, rec	1/15/2022	Organic	Fluorene	n/a	=	100	%	EPA 8270C	-88	-88	19	122	
2021/22-2	Lab	LCS, RPD	1/15/2022	Organic	Fluorene	n/a	=	10	%	EPA 8270C	-88	-88	0	30	
2021/22-2	Lab	LCS dup	1/18/2022	Organic	Fluorene	n/a	=	21.4	µg/L	EPA 625.1	0.35	1			
2021/22-2	Lab	LCS dup, rec	1/18/2022	Organic	Fluorene	n/a	=	107	%	EPA 625.1	-88	-88	70	120	
2021/22-2	Lab	LCS, RPD	1/18/2022	Organic	Fluorene	n/a	=	5	%	EPA 625.1	-88	-88	0	30	
2021/22-2	Lab	LCS	1/18/2022	Organic	Fluorene	n/a	=	20.3	µg/L	EPA 625.1	0.35	1			
2021/22-2	Lab	LCS, rec	1/18/2022	Organic	Fluorene	n/a	=	101	%	EPA 625.1	-88	-88	70	120	
2021/22-2	Lab	method blank	1/18/2022	Organic	Fluorene	n/a	<	0.35	µg/L	EPA 625.1	0.35	1			
2021/22-2	Lab	LCS dup	1/18/2022	Organic	Hexachlorobenzene	n/a	=	22.8	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	
2021/22-2	Lab	LCS dup, rec	1/18/2022	Organic	Hexachlorobenzene	n/a	=	114	%	EPA 625.1	-88	-88	8	142	
2021/22-2	Lab	LCS, RPD	1/18/2022	Organic	Hexachlorobenzene	n/a	=	9	%	EPA 625.1	-88	-88	0	30	
2021/22-2	Lab	LCS	1/18/2022	Organic	Hexachlorobenzene	n/a	=	20.9	µg/L	EPA 625.1	0.49	1			
2021/22-2	Lab	LCS, rec	1/18/2022	Organic	Hexachlorobenzene	n/a	=	104	%	EPA 625.1	-88	-88	8	142	
2021/22-2	Lab	method blank	1/18/2022	Organic	Hexachlorobenzene	n/a	<	0.49	µg/L	EPA 625.1	0.49	1			
2021/22-2	Lab	LCS dup	1/18/2022	Organic	Hexachlorobutadiene	n/a	=	18.5	µg/L	EPA 625.1	0.47	1			
2021/22-2	Lab	LCS dup, rec	1/18/2022	Organic	Hexachlorobutadiene	n/a	=	93	%	EPA 625.1	-88	-88	38	120	
2021/22-2	Lab	LCS, RPD	1/18/2022	Organic	Hexachlorobutadiene	n/a	=	9	%	EPA 625.1	-88	-88	0	30	
2021/22-2	Lab	LCS	1/18/2022	Organic	Hexachlorobutadiene	n/a	=	16.9	µg/L	EPA 625.1	0.47	1			
2021/22-2	Lab	LCS, rec	1/18/2022	Organic	Hexachlorobutadiene	n/a	=	85	%	EPA 625.1	-88	-88	38	120	
2021/22-2	Lab	method blank	1/18/2022	Organic	Hexachlorobutadiene	n/a	<	0.47	µg/L	EPA 625.1	0.47	1			
2021/22-2	Lab	method blank	12/22/2021	Organic	Hexachlorocyclopentadiene	n/a	<	0.092	µg/L	EPA 525.2	0.092	1			
2021/22-2	Lab	LCS	12/22/2021	Organic	Hexachlorocyclopentadiene	n/a	=	3.96	µg/L	EPA 525.2	0.092	1			
2021/22-2	Lab	LCS, rec	12/22/2021	Organic	Hexachlorocyclopentadiene	n/a	=	79	%	EPA 525.2	-88	-88	33	106	
2021/22-2	Lab	LCS dup	12/22/2021	Organic	Hexachlorocyclopentadiene	n/a	=	3.83	µg/L	EPA 525.2	0.092	1			
2021/22-2	Lab	LCS dup, rec	12/22/2021	Organic	Hexachlorocyclopentadiene	n/a	=	77	%	EPA 525.2	-88	-88	33	106	
2021/22-2	Lab	LCS, RPD	12/22/2021	Organic	Hexachlorocyclopentadiene	n/a	=	3	%	EPA 525.2	-88	-88	0	30	
2021/22-2	Lab	method blank	12/23/2021	Organic	Hexachlorocyclopentadiene	n/a	<	0.092	µg/L	EPA 525.2	0.092	1			
2021/22-2	Lab	LCS	12/23/2021	Organic	Hexachlorocyclopentadiene	n/a	=	1.77	µg/L	EPA 525.2	0.092	1			
2021/22-2	Lab	LCS, rec	12/23/2021	Organic	Hexachlorocyclopentadiene	n/a	=	71	%	EPA 525.2	-88	-88	33	106	
2021/22-2	Lab	LCS dup	12/23/2021	Organic	Hexachlorocyclopentadiene	n/a	=	1.87	µg/L	EPA 525.2	0.092	1			
2021/22-2	Lab	LCS dup, rec	12/23/2021	Organic	Hexachlorocyclopentadiene	n/a	=	75	%	EPA 525.2	-88	-88	33	106	
2021/22-2	Lab	LCS, RPD	12/23/2021	Organic	Hexachlorocyclopentadiene	n/a	=	5	%	EPA 525.2	-88	-88	0	30	
2021/22-2	Lab	method blank	12/27/2021	Organic	Hexachlorocyclopentadiene	n/a	<	0.092	µg/L	EPA 525.2	0.092	1			
2021/22-2	Lab	LCS	12/27/2021	Organic	Hexachlorocyclopentadiene	n/a	=	1.75	µg/L	EPA 525.2	0.092	1			
2021/22-2	Lab	LCS, rec	12/27/2021	Organic	Hexachlorocyclopentadiene	n/a	=	70	%	EPA 525.2	-88	-88	33	106	
2021/22-2	Lab	LCS dup	12/27/2021	Organic	Hexachlorocyclopentadiene	n/a	=	1.83	µg/L	EPA 525.2	0.092	1			
2021/22-2	Lab	LCS dup, rec	12/27/2021	Organic	Hexachlorocyclopentadiene	n/a	=	73	%	EPA 525.2	-88	-88	33	106	
2021/22-2	Lab	LCS, RPD	12/27/2021	Organic	Hexachlorocyclopentadiene	n/a	=	4	%	EPA 525.2	-88	-88	0	30	
2021/22-2	Lab	method blank	12/29/2021	Organic	Hexachlorocyclopentadiene	n/a	<	0.092	µg/L	EPA 525.2	0.092	1			
2021/22-2	Lab	LCS	12/29/2021	Organic	Hexachlorocyclopentadiene	n/a	=	2	µg/L	EPA 525.2	0.092	1			
2021/22-2	Lab	LCS, rec	12/29/2021	Organic	Hexachlorocyclopentadiene	n/a	=	80	%	EPA 525.2	-88	-88	33	106	
2021/22-2	Lab	LCS dup	12/29/2021	Organic	Hexachlorocyclopentadiene	n/a	=	1.99	µg/L	EPA 525.2	0.092	1			
2021/22-2	Lab	LCS dup, rec	12/29/2021	Organic	Hexachlorocyclopentadiene	n/a	=	80	%	EPA 525.2	-88	-88	33	106	
2021/22-2	Lab	LCS, RPD	12/29/2021	Organic	Hexachlorocyclopentadiene	n/a	=	0.3	%	EPA 525.2	-88	-88	0	30	
2021/22-2	Lab	LCS dup	1/18/2022	Organic	Hexachlorocyclopentadiene	n/a	=	11.7	µg/L	EPA 625.1	0.31	5			
2021/22-2	Lab	LCS dup, rec	1/18/2022	Organic	Hexachlorocyclopentadiene	n/a	=	58	%	EPA 625.1	-88	-88	10	120	
2021/22-2	Lab	LCS, RPD	1/18/2022	Organic	Hexachlorocyclopentadiene	n/a	=	7	%	EPA 625.1	-88	-88	0	30	
2021/22-2	Lab	LCS	1/18/2022	Organic	Hexachlorocyclopentadiene	n/a	=	10.9	µg/L	EPA 625.1	0.31	5			
2021/22-2	Lab	LCS, rec	1/18/2022	Organic	Hexachlorocyclopentadiene	n/a	=	55	%	EPA 625.1	-88	-88	10	120	
2021/22-2	Lab	method blank	1/18/2022	Organic	Hexachlorocyclopentadiene	n/a	<	0.31	µg/L	EPA 625.1	0.31	5			
2021/22-2	Lab	LCS dup	1/18/2022	Organic	Hexachloroethane	n/a	=	18.9	µg/L	EPA 625.1	0.5	1			
2021/22-2	Lab	LCS dup, rec	1/18/2022	Organic	Hexachloroethane	n/a	=	94	%	EPA 625.1	-88	-88	55	120	
2021/22-2	Lab	LCS, RPD	1/18/2022	Organic	Hexachloroethane	n/a	=	10	%	EPA 625.1	-88	-88	0	30	
2021/22-2	Lab	LCS	1/18/2022	Organic	Hexachloroethane	n/a	=	17.1	µg/L	EPA 625.1	0.5	1			
2021/22-2	Lab	LCS, rec	1/18/2022	Organic	Hexachloroethane	n/a	=	86	%	EPA 625.1	-88	-88	55	120	
2021/22-2	Lab	method blank	1/18/2022	Organic	Hexachloroethane	n/a	<	0.5	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	
2021/22-2	Lab	method blank	1/14/2022	Organic	Indeno(1,2,3-cd)pyrene	n/a	<	0.065	µg/L	EPA 8270C	0.065	0.1			
2021/22-2	Lab	LCS	1/15/2022	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	24.1	µg/L	EPA 8270C	0.065	0.1			
2021/22-2	Lab	LCS, rec	1/15/2022	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	120	%	EPA 8270C	-88	-88	12	136	
2021/22-2	Lab	LCS dup	1/15/2022	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	22.9	µg/L	EPA 8270C	0.065	0.1			
2021/22-2	Lab	LCS dup, rec	1/15/2022	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	114	%	EPA 8270C	-88	-88	12	136	
2021/22-2	Lab	LCS, RPD	1/15/2022	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	5	%	EPA 8270C	-88	-88	0	30	
2021/22-2	Lab	LCS dup	1/18/2022	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	19.7	µg/L	EPA 625.1	0.25	2			
2021/22-2	Lab	LCS dup, rec	1/18/2022	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	99	%	EPA 625.1	-88	-88	0.1	151	
2021/22-2	Lab	LCS, RPD	1/18/2022	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	1	%	EPA 625.1	-88	-88	0	30	
2021/22-2	Lab	LCS	1/18/2022	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	19.4	µg/L	EPA 625.1	0.25	2			
2021/22-2	Lab	LCS, rec	1/18/2022	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	97	%	EPA 625.1	-88	-88	0.1	151	
2021/22-2	Lab	method blank	1/18/2022	Organic	Indeno(1,2,3-cd)pyrene	n/a	<	0.25	µg/L	EPA 625.1	0.25	2			
2021/22-2	Lab	LCS dup	1/18/2022	Organic	Isophorone	n/a	=	13.1	µg/L	EPA 625.1	0.21	1			
2021/22-2	Lab	LCS dup, rec	1/18/2022	Organic	Isophorone	n/a	=	66	%	EPA 625.1	-88	-88	47	180	
2021/22-2	Lab	LCS, RPD	1/18/2022	Organic	Isophorone	n/a	=	20	%	EPA 625.1	-88	-88	0	30	
2021/22-2	Lab	LCS	1/18/2022	Organic	Isophorone	n/a	=	16	µg/L	EPA 625.1	0.21	1			
2021/22-2	Lab	LCS, rec	1/18/2022	Organic	Isophorone	n/a	=	80	%	EPA 625.1	-88	-88	47	180	
2021/22-2	Lab	method blank	1/18/2022	Organic	Isophorone	n/a	<	0.21	µg/L	EPA 625.1	0.21	1			
2021/22-2	Lab	LCS	12/16/2021	Organic	Methyl tert-butyl ether (MTBE)	n/a	=	240	µg/L	EPA 624.1	0.4	1			
2021/22-2	Lab	LCS, rec	12/16/2021	Organic	Methyl tert-butyl ether (MTBE)	n/a	=	120	%	EPA 624.1	-88	-88	80	128	
2021/22-2	Lab	LCS dup	12/16/2021	Organic	Methyl tert-butyl ether (MTBE)	n/a	=	174	µg/L	EPA 624.1	0.4	1			IL
2021/22-2	Lab	LCS dup, rec	12/16/2021	Organic	Methyl tert-butyl ether (MTBE)	n/a	=	87	%	EPA 624.1	-88	-88	80	128	IL
2021/22-2	Lab	LCS, RPD	12/16/2021	Organic	Methyl tert-butyl ether (MTBE)	n/a	=	32	%	EPA 624.1	-88	-88	0	25	IL
2021/22-2	Lab	method blank	12/16/2021	Organic	Methyl tert-butyl ether (MTBE)	n/a	<	0.4	µg/L	EPA 624.1	0.4	1			
2021/22-2	Lab	LCS	12/16/2021	Organic	Methyl tert-butyl ether (MTBE)	n/a	=	184	µg/L	EPA 624.1	0.4	1			
2021/22-2	Lab	LCS, rec	12/16/2021	Organic	Methyl tert-butyl ether (MTBE)	n/a	=	92	%	EPA 624.1	-88	-88	80	128	
2021/22-2	Lab	LCS dup	12/16/2021	Organic	Methyl tert-butyl ether (MTBE)	n/a	=	185	µg/L	EPA 624.1	0.4	1			
2021/22-2	Lab	LCS dup, rec	12/16/2021	Organic	Methyl tert-butyl ether (MTBE)	n/a	=	93	%	EPA 624.1	-88	-88	80	128	
2021/22-2	Lab	LCS, RPD	12/16/2021	Organic	Methyl tert-butyl ether (MTBE)	n/a	=	0.8	%	EPA 624.1	-88	-88	0	25	
2021/22-2	Lab	method blank	12/16/2021	Organic	Methyl tert-butyl ether (MTBE)	n/a	<	0.4	µg/L	EPA 624.1	0.4	1			
2021/22-2	ME-CC	field duplicate	12/17/2021	Organic	Methyl tert-butyl ether (MTBE)	n/a	<	0.4	µg/L	EPA 624.1	0.4	1			
2021/22-2	MO-CAM	field blank	12/17/2021	Organic	Methyl tert-butyl ether (MTBE)	n/a	<	2	µg/L	EPA 624.1	2	5			DG
2021/22-2	Lab	method blank	12/22/2021	Organic	Naphthalene	n/a	<	0.14	µg/L	EPA 525.2	0.14	0.5			
2021/22-2	Lab	LCS	12/22/2021	Organic	Naphthalene	n/a	=	4.63	µg/L	EPA 525.2	0.14	0.5			
2021/22-2	Lab	LCS, rec	12/22/2021	Organic	Naphthalene	n/a	=	93	%	EPA 525.2	-88	-88	75	116	
2021/22-2	Lab	LCS dup	12/22/2021	Organic	Naphthalene	n/a	=	4.76	µg/L	EPA 525.2	0.14	0.5			
2021/22-2	Lab	LCS dup, rec	12/22/2021	Organic	Naphthalene	n/a	=	95	%	EPA 525.2	-88	-88	75	116	
2021/22-2	Lab	LCS, RPD	12/22/2021	Organic	Naphthalene	n/a	=	3	%	EPA 525.2	-88	-88	0	30	
2021/22-2	Lab	method blank	1/14/2022	Organic	Naphthalene	n/a	<	0.026	µg/L	EPA 8270C	0.026	0.1			
2021/22-2	Lab	LCS	1/15/2022	Organic	Naphthalene	n/a	=	19.4	µg/L	EPA 8270C	0.026	0.1			
2021/22-2	Lab	LCS, rec	1/15/2022	Organic	Naphthalene	n/a	=	97	%	EPA 8270C	-88	-88	12	136	
2021/22-2	Lab	LCS dup	1/15/2022	Organic	Naphthalene	n/a	=	17.7	µg/L	EPA 8270C	0.026	0.1			
2021/22-2	Lab	LCS dup, rec	1/15/2022	Organic	Naphthalene	n/a	=	88	%	EPA 8270C	-88	-88	12	136	
2021/22-2	Lab	LCS, RPD	1/15/2022	Organic	Naphthalene	n/a	=	9	%	EPA 8270C	-88	-88	0	30	
2021/22-2	Lab	LCS dup	1/18/2022	Organic	Naphthalene	n/a	=	18.1	µg/L	EPA 625.1	0.49	1			
2021/22-2	Lab	LCS dup, rec	1/18/2022	Organic	Naphthalene	n/a	=	91	%	EPA 625.1	-88	-88	36	120	
2021/22-2	Lab	LCS, RPD	1/18/2022	Organic	Naphthalene	n/a	=	7	%	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	
2021/22-2	Lab	LCS	1/18/2022	Organic	Naphthalene	n/a	=	16.9	µg/L	EPA 625.1	0.49	1			
2021/22-2	Lab	LCS, rec	1/18/2022	Organic	Naphthalene	n/a	=	84	%	EPA 625.1	-88	-88	36	120	
2021/22-2	Lab	method blank	1/18/2022	Organic	Naphthalene	n/a	<	0.49	µg/L	EPA 625.1	0.49	1			
2021/22-2	Lab	LCS dup	1/18/2022	Organic	Nitrobenzene	n/a	=	18.1	µg/L	EPA 625.1	0.36	1			
2021/22-2	Lab	LCS dup, rec	1/18/2022	Organic	Nitrobenzene	n/a	=	90	%	EPA 625.1	-88	-88	54	158	
2021/22-2	Lab	LCS, RPD	1/18/2022	Organic	Nitrobenzene	n/a	=	8	%	EPA 625.1	-88	-88	0	30	
2021/22-2	Lab	LCS	1/18/2022	Organic	Nitrobenzene	n/a	=	16.7	µg/L	EPA 625.1	0.36	1			
2021/22-2	Lab	LCS, rec	1/18/2022	Organic	Nitrobenzene	n/a	=	83	%	EPA 625.1	-88	-88	54	158	
2021/22-2	Lab	method blank	1/18/2022	Organic	Nitrobenzene	n/a	<	0.36	µg/L	EPA 625.1	0.36	1			
2021/22-2	Lab	srgt method blank	1/14/2022	Organic	Nitrobenzene-d5	n/a	=	4.3	µg/L	EPA 8270C	-88	-88			
2021/22-2	Lab	srgt method blank, rec	1/14/2022	Organic	Nitrobenzene-d5	n/a	=	86	%	EPA 8270C	-88	-88	51	143	
2021/22-2	Lab	srgt LCS	1/15/2022	Organic	Nitrobenzene-d5	n/a	=	19.8	µg/L	EPA 8270C	-88	-88			
2021/22-2	Lab	srgt LCS, rec	1/15/2022	Organic	Nitrobenzene-d5	n/a	=	99	%	EPA 8270C	-88	-88	51	143	
2021/22-2	Lab	srgt LCS dup	1/15/2022	Organic	Nitrobenzene-d5	n/a	=	17.9	µg/L	EPA 8270C	-88	-88			
2021/22-2	Lab	srgt LCS dup, rec	1/15/2022	Organic	Nitrobenzene-d5	n/a	=	89	%	EPA 8270C	-88	-88	51	143	
2021/22-2	Lab	srgt LCS dup	1/18/2022	Organic	Nitrobenzene-d5	n/a	=	20.8	µg/L	EPA 625.1	-88	-88			
2021/22-2	Lab	srgt LCS dup, rec	1/18/2022	Organic	Nitrobenzene-d5	n/a	=	104	%	EPA 625.1	-88	-88	47	120	
2021/22-2	Lab	srgt LCS	1/18/2022	Organic	Nitrobenzene-d5	n/a	=	19.1	µg/L	EPA 625.1	-88	-88			
2021/22-2	Lab	srgt LCS, rec	1/18/2022	Organic	Nitrobenzene-d5	n/a	=	96	%	EPA 625.1	-88	-88	47	120	
2021/22-2	Lab	srgt method blank	1/18/2022	Organic	Nitrobenzene-d5	n/a	=	15.1	µg/L	EPA 625.1	-88	-88			
2021/22-2	Lab	srgt method blank, rec	1/18/2022	Organic	Nitrobenzene-d5	n/a	=	76	%	EPA 625.1	-88	-88	47	120	
2021/22-2	ME-CC	srgt environ	1/15/2022	Organic	Nitrobenzene-d5	n/a	=	17.7	µg/L	EPA 8270C	-88	-88			
2021/22-2	ME-CC	srgt environ, rec	1/15/2022	Organic	Nitrobenzene-d5	n/a	=	87	%	EPA 8270C	-88	-88	51	143	
2021/22-2	ME-CC	srgt environ	1/18/2022	Organic	Nitrobenzene-d5	n/a	=	18.3	µg/L	EPA 625.1	-88	-88			
2021/22-2	ME-CC	srgt environ, rec	1/18/2022	Organic	Nitrobenzene-d5	n/a	=	90	%	EPA 625.1	-88	-88	47	120	
2021/22-2	ME-SCR	srgt environ	1/15/2022	Organic	Nitrobenzene-d5	n/a	=	4.38	µg/L	EPA 8270C	-88	-88			GN
2021/22-2	ME-SCR	srgt environ, rec	1/15/2022	Organic	Nitrobenzene-d5	n/a	=	21	%	EPA 8270C	-88	-88	51	143	GN
2021/22-2	ME-SCR	srgt environ	1/18/2022	Organic	Nitrobenzene-d5	n/a	=	5.13	µg/L	EPA 625.1	-88	-88			GN
2021/22-2	ME-SCR	srgt environ, rec	1/18/2022	Organic	Nitrobenzene-d5	n/a	=	24	%	EPA 625.1	-88	-88	47	120	GN
2021/22-2	ME-VR2	srgt environ	1/15/2022	Organic	Nitrobenzene-d5	n/a	=	17.6	µg/L	EPA 8270C	-88	-88			
2021/22-2	ME-VR2	srgt environ, rec	1/15/2022	Organic	Nitrobenzene-d5	n/a	=	87	%	EPA 8270C	-88	-88	51	143	
2021/22-2	ME-VR2	srgt environ	1/18/2022	Organic	Nitrobenzene-d5	n/a	=	19.8	µg/L	EPA 625.1	-88	-88			
2021/22-2	ME-VR2	srgt environ, rec	1/18/2022	Organic	Nitrobenzene-d5	n/a	=	99	%	EPA 625.1	-88	-88	47	120	
2021/22-2	MO-CAM	srgt environ	1/15/2022	Organic	Nitrobenzene-d5	n/a	=	15.2	µg/L	EPA 8270C	-88	-88			
2021/22-2	MO-CAM	srgt environ, rec	1/15/2022	Organic	Nitrobenzene-d5	n/a	=	75	%	EPA 8270C	-88	-88	51	143	
2021/22-2	MO-CAM	srgt environ	1/18/2022	Organic	Nitrobenzene-d5	n/a	=	17.5	µg/L	EPA 625.1	-88	-88			
2021/22-2	MO-CAM	srgt environ, rec	1/18/2022	Organic	Nitrobenzene-d5	n/a	=	86	%	EPA 625.1	-88	-88	47	120	
2021/22-2	MO-FIL	srgt environ	1/15/2022	Organic	Nitrobenzene-d5	n/a	=	17.3	µg/L	EPA 8270C	-88	-88			
2021/22-2	MO-FIL	srgt environ, rec	1/15/2022	Organic	Nitrobenzene-d5	n/a	=	85	%	EPA 8270C	-88	-88	51	143	
2021/22-2	MO-FIL	srgt environ	1/19/2022	Organic	Nitrobenzene-d5	n/a	=	18.3	µg/L	EPA 625.1	-88	-88			
2021/22-2	MO-FIL	srgt environ, rec	1/19/2022	Organic	Nitrobenzene-d5	n/a	=	90	%	EPA 625.1	-88	-88	47	120	
2021/22-2	MO-HUE	srgt environ	1/15/2022	Organic	Nitrobenzene-d5	n/a	=	17.6	µg/L	EPA 8270C	-88	-88			
2021/22-2	MO-HUE	srgt environ, rec	1/15/2022	Organic	Nitrobenzene-d5	n/a	=	86	%	EPA 8270C	-88	-88	51	143	
2021/22-2	MO-HUE	srgt environ	1/19/2022	Organic	Nitrobenzene-d5	n/a	=	19.3	µg/L	EPA 625.1	-88	-88			
2021/22-2	MO-HUE	srgt environ, rec	1/19/2022	Organic	Nitrobenzene-d5	n/a	=	94	%	EPA 625.1	-88	-88	47	120	
2021/22-2	MO-MEI	srgt environ	1/15/2022	Organic	Nitrobenzene-d5	n/a	=	13.9	µg/L	EPA 8270C	-88	-88			
2021/22-2	MO-MEI	srgt environ, rec	1/15/2022	Organic	Nitrobenzene-d5	n/a	=	67	%	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	
2021/22-2	MO-MEI	srgt environ	1/18/2022	Organic	Nitrobenzene-d5	n/a	=	14.8	µg/L	EPA 625.1	-88	-88			
2021/22-2	MO-MEI	srgt environ, rec	1/18/2022	Organic	Nitrobenzene-d5	n/a	=	71	%	EPA 625.1	-88	-88	47	120	
2021/22-2	MO-MPK	srgt environ	1/15/2022	Organic	Nitrobenzene-d5	n/a	=	14.8	µg/L	EPA 8270C	-88	-88			
2021/22-2	MO-MPK	srgt environ, rec	1/15/2022	Organic	Nitrobenzene-d5	n/a	=	73	%	EPA 8270C	-88	-88	51	143	
2021/22-2	MO-MPK	srgt environ	1/19/2022	Organic	Nitrobenzene-d5	n/a	=	15.8	µg/L	EPA 625.1	-88	-88			
2021/22-2	MO-MPK	srgt environ, rec	1/19/2022	Organic	Nitrobenzene-d5	n/a	=	78	%	EPA 625.1	-88	-88	47	120	
2021/22-2	MO-OJA	srgt environ	1/15/2022	Organic	Nitrobenzene-d5	n/a	=	16.9	µg/L	EPA 8270C	-88	-88			
2021/22-2	MO-OJA	srgt environ, rec	1/15/2022	Organic	Nitrobenzene-d5	n/a	=	82	%	EPA 8270C	-88	-88	51	143	
2021/22-2	MO-OJA	srgt environ	1/18/2022	Organic	Nitrobenzene-d5	n/a	=	18.7	µg/L	EPA 625.1	-88	-88			
2021/22-2	MO-OJA	srgt environ, rec	1/18/2022	Organic	Nitrobenzene-d5	n/a	=	91	%	EPA 625.1	-88	-88	47	120	
2021/22-2	MO-OXN	srgt environ	1/15/2022	Organic	Nitrobenzene-d5	n/a	=	17.4	µg/L	EPA 8270C	-88	-88			
2021/22-2	MO-OXN	srgt environ, rec	1/15/2022	Organic	Nitrobenzene-d5	n/a	=	86	%	EPA 8270C	-88	-88	51	143	
2021/22-2	MO-OXN	srgt environ	1/19/2022	Organic	Nitrobenzene-d5	n/a	=	19	µg/L	EPA 625.1	-88	-88			
2021/22-2	MO-OXN	srgt environ, rec	1/19/2022	Organic	Nitrobenzene-d5	n/a	=	93	%	EPA 625.1	-88	-88	47	120	
2021/22-2	MO-SIM	srgt environ	1/15/2022	Organic	Nitrobenzene-d5	n/a	=	16.9	µg/L	EPA 8270C	-88	-88			
2021/22-2	MO-SIM	srgt environ, rec	1/15/2022	Organic	Nitrobenzene-d5	n/a	=	84	%	EPA 8270C	-88	-88	51	143	
2021/22-2	MO-SIM	srgt environ	1/19/2022	Organic	Nitrobenzene-d5	n/a	=	17.5	µg/L	EPA 625.1	-88	-88			
2021/22-2	MO-SIM	srgt environ, rec	1/19/2022	Organic	Nitrobenzene-d5	n/a	=	87	%	EPA 625.1	-88	-88	47	120	
2021/22-2	MO-SPA	srgt environ	1/15/2022	Organic	Nitrobenzene-d5	n/a	=	15.4	µg/L	EPA 8270C	-88	-88			
2021/22-2	MO-SPA	srgt environ, rec	1/15/2022	Organic	Nitrobenzene-d5	n/a	=	76	%	EPA 8270C	-88	-88	51	143	
2021/22-2	MO-SPA	srgt environ	1/19/2022	Organic	Nitrobenzene-d5	n/a	=	19	µg/L	EPA 625.1	-88	-88			
2021/22-2	MO-SPA	srgt environ, rec	1/19/2022	Organic	Nitrobenzene-d5	n/a	=	94	%	EPA 625.1	-88	-88	47	120	
2021/22-2	MO-THO	srgt environ	1/15/2022	Organic	Nitrobenzene-d5	n/a	=	13.9	µg/L	EPA 8270C	-88	-88			
2021/22-2	MO-THO	srgt environ, rec	1/15/2022	Organic	Nitrobenzene-d5	n/a	=	69	%	EPA 8270C	-88	-88	51	143	
2021/22-2	MO-THO	srgt environ	1/19/2022	Organic	Nitrobenzene-d5	n/a	=	15.1	µg/L	EPA 625.1	-88	-88			
2021/22-2	MO-THO	srgt environ, rec	1/19/2022	Organic	Nitrobenzene-d5	n/a	=	74	%	EPA 625.1	-88	-88	47	120	
2021/22-2	MO-VEN	srgt environ	1/15/2022	Organic	Nitrobenzene-d5	n/a	=	17.8	µg/L	EPA 8270C	-88	-88			
2021/22-2	MO-VEN	srgt environ, rec	1/15/2022	Organic	Nitrobenzene-d5	n/a	=	88	%	EPA 8270C	-88	-88	51	143	
2021/22-2	MO-VEN	srgt environ	1/18/2022	Organic	Nitrobenzene-d5	n/a	=	18.7	µg/L	EPA 625.1	-88	-88			
2021/22-2	MO-VEN	srgt environ, rec	1/18/2022	Organic	Nitrobenzene-d5	n/a	=	93	%	EPA 625.1	-88	-88	47	120	
2021/22-2	Lab	LCS dup	1/18/2022	Organic	N-Nitrosodimethylamine	n/a	=	10.5	µg/L	EPA 625.1	0.5	1			
2021/22-2	Lab	LCS dup, rec	1/18/2022	Organic	N-Nitrosodimethylamine	n/a	=	53	%	EPA 625.1	-88	-88	22	120	
2021/22-2	Lab	LCS, RPD	1/18/2022	Organic	N-Nitrosodimethylamine	n/a	=	5	%	EPA 625.1	-88	-88	0	30	
2021/22-2	Lab	LCS	1/18/2022	Organic	N-Nitrosodimethylamine	n/a	=	10	µg/L	EPA 625.1	0.5	1			
2021/22-2	Lab	LCS, rec	1/18/2022	Organic	N-Nitrosodimethylamine	n/a	=	50	%	EPA 625.1	-88	-88	22	120	
2021/22-2	Lab	method blank	1/18/2022	Organic	N-Nitrosodimethylamine	n/a	<	0.5	µg/L	EPA 625.1	0.5	1			
2021/22-2	Lab	LCS dup	1/18/2022	Organic	N-Nitrosodi-N-propylamine	n/a	=	19.9	µg/L	EPA 625.1	0.26	1			
2021/22-2	Lab	LCS dup, rec	1/18/2022	Organic	N-Nitrosodi-N-propylamine	n/a	=	99	%	EPA 625.1	-88	-88	14	198	
2021/22-2	Lab	LCS, RPD	1/18/2022	Organic	N-Nitrosodi-N-propylamine	n/a	=	8	%	EPA 625.1	-88	-88	0	30	
2021/22-2	Lab	LCS	1/18/2022	Organic	N-Nitrosodi-N-propylamine	n/a	=	18.4	µg/L	EPA 625.1	0.26	1			
2021/22-2	Lab	LCS, rec	1/18/2022	Organic	N-Nitrosodi-N-propylamine	n/a	=	92	%	EPA 625.1	-88	-88	14	198	
2021/22-2	Lab	method blank	1/18/2022	Organic	N-Nitrosodi-N-propylamine	n/a	<	0.26	µg/L	EPA 625.1	0.26	1			
2021/22-2	Lab	LCS dup	1/18/2022	Organic	N-Nitrosodiphenylamine	n/a	=	17.9	µg/L	EPA 625.1	0.19	1			
2021/22-2	Lab	LCS dup, rec	1/18/2022	Organic	N-Nitrosodiphenylamine	n/a	=	90	%	EPA 625.1	-88	-88	47	120	
2021/22-2	Lab	LCS, RPD	1/18/2022	Organic	N-Nitrosodiphenylamine	n/a	=	8	%	EPA 625.1	-88	-88	0	30	
2021/22-2	Lab	LCS	1/18/2022	Organic	N-Nitrosodiphenylamine	n/a	=	16.6	µg/L	EPA 625.1	0.19	1			
2021/22-2	Lab	LCS, rec	1/18/2022	Organic	N-Nitrosodiphenylamine	n/a	=	83	%	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	
2021/22-2	Lab	method blank	1/18/2022	Organic	N-Nitrosodiphenylamine	n/a	<	0.19	µg/L	EPA 625.1	0.19	1			
2021/22-2	Lab	method blank	1/14/2022	Organic	Perylene	n/a	<	0.036	µg/L	EPA 8270C	0.036	0.1			
2021/22-2	Lab	srgrt method blank	12/22/2021	Organic	Perylene-d12	n/a	=	5.58	µg/L	EPA 525.2	-88	-88			
2021/22-2	Lab	srgrt method blank, rec	12/22/2021	Organic	Perylene-d12	n/a	=	112	%	EPA 525.2	-88	-88	50	120	
2021/22-2	Lab	srgrt LCS	12/22/2021	Organic	Perylene-d12	n/a	=	5.44	µg/L	EPA 525.2	-88	-88			
2021/22-2	Lab	srgrt LCS, rec	12/22/2021	Organic	Perylene-d12	n/a	=	109	%	EPA 525.2	-88	-88	50	120	
2021/22-2	Lab	srgrt LCS dup	12/22/2021	Organic	Perylene-d12	n/a	=	5.44	µg/L	EPA 525.2	-88	-88			
2021/22-2	Lab	srgrt LCS dup, rec	12/22/2021	Organic	Perylene-d12	n/a	=	109	%	EPA 525.2	-88	-88	50	120	
2021/22-2	Lab	srgrt method blank	12/23/2021	Organic	Perylene-d12	n/a	=	5.16	µg/L	EPA 525.2	-88	-88			
2021/22-2	Lab	srgrt method blank, rec	12/23/2021	Organic	Perylene-d12	n/a	=	103	%	EPA 525.2	-88	-88	50	120	
2021/22-2	Lab	srgrt LCS	12/23/2021	Organic	Perylene-d12	n/a	=	5.49	µg/L	EPA 525.2	-88	-88			
2021/22-2	Lab	srgrt LCS, rec	12/23/2021	Organic	Perylene-d12	n/a	=	110	%	EPA 525.2	-88	-88	50	120	
2021/22-2	Lab	srgrt LCS dup	12/23/2021	Organic	Perylene-d12	n/a	=	5.42	µg/L	EPA 525.2	-88	-88			
2021/22-2	Lab	srgrt LCS dup, rec	12/23/2021	Organic	Perylene-d12	n/a	=	108	%	EPA 525.2	-88	-88	50	120	
2021/22-2	Lab	srgrt method blank	12/27/2021	Organic	Perylene-d12	n/a	=	5.11	µg/L	EPA 525.2	-88	-88			
2021/22-2	Lab	srgrt method blank, rec	12/27/2021	Organic	Perylene-d12	n/a	=	102	%	EPA 525.2	-88	-88	50	120	
2021/22-2	Lab	srgrt LCS	12/27/2021	Organic	Perylene-d12	n/a	=	5.42	µg/L	EPA 525.2	-88	-88			
2021/22-2	Lab	srgrt LCS, rec	12/27/2021	Organic	Perylene-d12	n/a	=	108	%	EPA 525.2	-88	-88	50	120	
2021/22-2	Lab	srgrt LCS dup	12/27/2021	Organic	Perylene-d12	n/a	=	5.23	µg/L	EPA 525.2	-88	-88			
2021/22-2	Lab	srgrt LCS dup, rec	12/27/2021	Organic	Perylene-d12	n/a	=	105	%	EPA 525.2	-88	-88	50	120	
2021/22-2	Lab	srgrt method blank	12/29/2021	Organic	Perylene-d12	n/a	=	5.34	µg/L	EPA 525.2	-88	-88			
2021/22-2	Lab	srgrt method blank, rec	12/29/2021	Organic	Perylene-d12	n/a	=	107	%	EPA 525.2	-88	-88	50	120	
2021/22-2	Lab	srgrt LCS	12/29/2021	Organic	Perylene-d12	n/a	=	5.55	µg/L	EPA 525.2	-88	-88			
2021/22-2	Lab	srgrt LCS, rec	12/29/2021	Organic	Perylene-d12	n/a	=	111	%	EPA 525.2	-88	-88	50	120	
2021/22-2	Lab	srgrt LCS dup	12/29/2021	Organic	Perylene-d12	n/a	=	5.61	µg/L	EPA 525.2	-88	-88			
2021/22-2	Lab	srgrt LCS dup, rec	12/29/2021	Organic	Perylene-d12	n/a	=	112	%	EPA 525.2	-88	-88	50	120	
2021/22-2	ME-CC	srgrt environ	12/23/2021	Organic	Perylene-d12	n/a	=	44.9	µg/L	EPA 525.2	-88	-88			
2021/22-2	ME-CC	srgrt environ, rec	12/23/2021	Organic	Perylene-d12	n/a	=	90	%	EPA 525.2	-88	-88	50	120	
2021/22-2	ME-SCR	srgrt environ	12/27/2021	Organic	Perylene-d12	n/a	=	39.8	µg/L	EPA 525.2	-88	-88			
2021/22-2	ME-SCR	srgrt environ, rec	12/27/2021	Organic	Perylene-d12	n/a	=	80	%	EPA 525.2	-88	-88	50	120	
2021/22-2	ME-VR2	srgrt environ	12/22/2021	Organic	Perylene-d12	n/a	=	26.7	µg/L	EPA 525.2	-88	-88			
2021/22-2	ME-VR2	srgrt environ, rec	12/22/2021	Organic	Perylene-d12	n/a	=	107	%	EPA 525.2	-88	-88	50	120	
2021/22-2	MO-CAM	srgrt environ	12/23/2021	Organic	Perylene-d12	n/a	=	56	µg/L	EPA 525.2	-88	-88			
2021/22-2	MO-CAM	srgrt environ, rec	12/23/2021	Organic	Perylene-d12	n/a	=	112	%	EPA 525.2	-88	-88	50	120	
2021/22-2	MO-FIL	srgrt environ	12/23/2021	Organic	Perylene-d12	n/a	=	54.1	µg/L	EPA 525.2	-88	-88			
2021/22-2	MO-FIL	srgrt environ, rec	12/23/2021	Organic	Perylene-d12	n/a	=	108	%	EPA 525.2	-88	-88	50	120	
2021/22-2	MO-HUE	srgrt environ	12/22/2021	Organic	Perylene-d12	n/a	=	27.8	µg/L	EPA 525.2	-88	-88			
2021/22-2	MO-HUE	srgrt environ, rec	12/22/2021	Organic	Perylene-d12	n/a	=	111	%	EPA 525.2	-88	-88	50	120	
2021/22-2	MO-MEI	srgrt environ	12/23/2021	Organic	Perylene-d12	n/a	=	56.2	µg/L	EPA 525.2	-88	-88			
2021/22-2	MO-MEI	srgrt environ, rec	12/23/2021	Organic	Perylene-d12	n/a	=	112	%	EPA 525.2	-88	-88	50	120	
2021/22-2	MO-MPK	srgrt environ	12/23/2021	Organic	Perylene-d12	n/a	=	53.3	µg/L	EPA 525.2	-88	-88			
2021/22-2	MO-MPK	srgrt environ, rec	12/23/2021	Organic	Perylene-d12	n/a	=	107	%	EPA 525.2	-88	-88	50	120	
2021/22-2	MO-OJA	srgrt environ	12/23/2021	Organic	Perylene-d12	n/a	=	57.2	µg/L	EPA 525.2	-88	-88			
2021/22-2	MO-OJA	srgrt environ, rec	12/23/2021	Organic	Perylene-d12	n/a	=	114	%	EPA 525.2	-88	-88	50	120	
2021/22-2	MO-OXN	srgrt environ	12/29/2021	Organic	Perylene-d12	n/a	=	27.2	µg/L	EPA 525.2	-88	-88			
2021/22-2	MO-OXN	srgrt environ, rec	12/29/2021	Organic	Perylene-d12	n/a	=	109	%	EPA 525.2	-88	-88	50	120	
2021/22-2	MO-SIM	srgrt environ	12/23/2021	Organic	Perylene-d12	n/a	=	53	µg/L	EPA 525.2	-88	-88			

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2021/22-2	MO-SIM	srgt environ, rec	12/23/2021	Organic	Perylene-d12	n/a	=	106	%	EPA 525.2	-88	-88	50	120	
2021/22-2	MO-SPA	srgt environ	12/23/2021	Organic	Perylene-d12	n/a	=	53.3	µg/L	EPA 525.2	-88	-88			
2021/22-2	MO-SPA	srgt environ, rec	12/23/2021	Organic	Perylene-d12	n/a	=	107	%	EPA 525.2	-88	-88	50	120	
2021/22-2	MO-THO	srgt environ	12/23/2021	Organic	Perylene-d12	n/a	=	52.3	µg/L	EPA 525.2	-88	-88			
2021/22-2	MO-THO	srgt environ, rec	12/23/2021	Organic	Perylene-d12	n/a	=	105	%	EPA 525.2	-88	-88	50	120	
2021/22-2	MO-VEN	srgt environ	12/23/2021	Organic	Perylene-d12	n/a	=	56.1	µg/L	EPA 525.2	-88	-88			
2021/22-2	MO-VEN	srgt environ, rec	12/23/2021	Organic	Perylene-d12	n/a	=	112	%	EPA 525.2	-88	-88	50	120	
2021/22-2	Lab	method blank	1/14/2022	Organic	Phenanthrene	n/a	<	0.029	µg/L	EPA 8270C	0.029	0.1			
2021/22-2	Lab	LCS	1/15/2022	Organic	Phenanthrene	n/a	=	20.6	µg/L	EPA 8270C	0.029	0.1			
2021/22-2	Lab	LCS, rec	1/15/2022	Organic	Phenanthrene	n/a	=	103	%	EPA 8270C	-88	-88	21	131	
2021/22-2	Lab	LCS dup	1/15/2022	Organic	Phenanthrene	n/a	=	19.2	µg/L	EPA 8270C	0.029	0.1			
2021/22-2	Lab	LCS dup, rec	1/15/2022	Organic	Phenanthrene	n/a	=	96	%	EPA 8270C	-88	-88	21	131	
2021/22-2	Lab	LCS, RPD	1/15/2022	Organic	Phenanthrene	n/a	=	7	%	EPA 8270C	-88	-88	0	30	
2021/22-2	Lab	LCS dup	1/18/2022	Organic	Phenanthrene	n/a	=	22	µg/L	EPA 625.1	0.32	1			
2021/22-2	Lab	LCS dup, rec	1/18/2022	Organic	Phenanthrene	n/a	=	110	%	EPA 625.1	-88	-88	65	120	
2021/22-2	Lab	LCS, RPD	1/18/2022	Organic	Phenanthrene	n/a	=	7	%	EPA 625.1	-88	-88	0	30	
2021/22-2	Lab	LCS	1/18/2022	Organic	Phenanthrene	n/a	=	20.6	µg/L	EPA 625.1	0.32	1			
2021/22-2	Lab	LCS, rec	1/18/2022	Organic	Phenanthrene	n/a	=	103	%	EPA 625.1	-88	-88	65	120	
2021/22-2	Lab	method blank	1/18/2022	Organic	Phenanthrene	n/a	<	0.32	µg/L	EPA 625.1	0.32	1			
2021/22-2	Lab	method blank	1/13/2022	Organic	Phenol	n/a	<	0.35	µg/L	EPA 8270C	0.35	1			
2021/22-2	Lab	LCS	1/14/2022	Organic	Phenol	n/a	=	6.8	µg/L	EPA 8270C	0.35	1			
2021/22-2	Lab	LCS, rec	1/14/2022	Organic	Phenol	n/a	=	34	%	EPA 8270C	-88	-88	6	43	
2021/22-2	Lab	LCS dup	1/14/2022	Organic	Phenol	n/a	=	6.3	µg/L	EPA 8270C	0.35	1			
2021/22-2	Lab	LCS dup, rec	1/14/2022	Organic	Phenol	n/a	=	32	%	EPA 8270C	-88	-88	6	43	
2021/22-2	Lab	LCS, RPD	1/14/2022	Organic	Phenol	n/a	=	8	%	EPA 8270C	-88	-88	0	30	
2021/22-2	Lab	LCS dup	1/18/2022	Organic	Phenol	n/a	=	6.59	µg/L	EPA 625.1	0.81	1			
2021/22-2	Lab	LCS dup, rec	1/18/2022	Organic	Phenol	n/a	=	33	%	EPA 625.1	-88	-88	17	120	
2021/22-2	Lab	LCS, RPD	1/18/2022	Organic	Phenol	n/a	=	6	%	EPA 625.1	-88	-88	0	30	
2021/22-2	Lab	LCS	1/18/2022	Organic	Phenol	n/a	=	6.2	µg/L	EPA 625.1	0.81	1			
2021/22-2	Lab	LCS, rec	1/18/2022	Organic	Phenol	n/a	=	31	%	EPA 625.1	-88	-88	17	120	
2021/22-2	Lab	method blank	1/18/2022	Organic	Phenol	n/a	<	0.81	µg/L	EPA 625.1	0.81	1			
2021/22-2	Lab	srgt method blank	1/13/2022	Organic	Phenol-d5	n/a	=	3.36	µg/L	EPA 8270C	-88	-88			
2021/22-2	Lab	srgt method blank, rec	1/13/2022	Organic	Phenol-d5	n/a	=	34	%	EPA 8270C	-88	-88	5	46	
2021/22-2	Lab	srgt LCS	1/14/2022	Organic	Phenol-d5	n/a	=	14.1	µg/L	EPA 8270C	-88	-88			
2021/22-2	Lab	srgt LCS, rec	1/14/2022	Organic	Phenol-d5	n/a	=	35	%	EPA 8270C	-88	-88	5	46	
2021/22-2	Lab	srgt LCS dup	1/14/2022	Organic	Phenol-d5	n/a	=	13	µg/L	EPA 8270C	-88	-88			
2021/22-2	Lab	srgt LCS dup, rec	1/14/2022	Organic	Phenol-d5	n/a	=	32	%	EPA 8270C	-88	-88	5	46	
2021/22-2	Lab	srgt LCS dup	1/18/2022	Organic	Phenol-d5	n/a	=	14.7	µg/L	EPA 625.1	-88	-88			
2021/22-2	Lab	srgt LCS dup, rec	1/18/2022	Organic	Phenol-d5	n/a	=	37	%	EPA 625.1	-88	-88	12	120	
2021/22-2	Lab	srgt LCS	1/18/2022	Organic	Phenol-d5	n/a	=	13.4	µg/L	EPA 625.1	-88	-88			
2021/22-2	Lab	srgt LCS, rec	1/18/2022	Organic	Phenol-d5	n/a	=	34	%	EPA 625.1	-88	-88	12	120	
2021/22-2	Lab	srgt method blank	1/18/2022	Organic	Phenol-d5	n/a	=	11.5	µg/L	EPA 625.1	-88	-88			
2021/22-2	Lab	srgt method blank, rec	1/18/2022	Organic	Phenol-d5	n/a	=	29	%	EPA 625.1	-88	-88	12	120	
2021/22-2	ME-CC	srgt environ	1/14/2022	Organic	Phenol-d5	n/a	=	14	µg/L	EPA 8270C	-88	-88			
2021/22-2	ME-CC	srgt environ, rec	1/14/2022	Organic	Phenol-d5	n/a	=	34	%	EPA 8270C	-88	-88	5	46	
2021/22-2	ME-CC	srgt environ	1/18/2022	Organic	Phenol-d5	n/a	=	15.8	µg/L	EPA 625.1	-88	-88			
2021/22-2	ME-CC	srgt environ, rec	1/18/2022	Organic	Phenol-d5	n/a	=	39	%	EPA 625.1	-88	-88	12	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	
2021/22-2	ME-SCR	srgt environ	1/14/2022	Organic	Phenol-d5	n/a	=	4.54	µg/L	EPA 8270C	-88	-88			
2021/22-2	ME-SCR	srgt environ, rec	1/14/2022	Organic	Phenol-d5	n/a	=	11	%	EPA 8270C	-88	-88	5	46	
2021/22-2	ME-SCR	srgt environ	1/18/2022	Organic	Phenol-d5	n/a	=	5.19	µg/L	EPA 625.1	-88	-88			
2021/22-2	ME-SCR	srgt environ, rec	1/18/2022	Organic	Phenol-d5	n/a	=	12	%	EPA 625.1	-88	-88	12	120	
2021/22-2	ME-VR2	srgt environ	1/14/2022	Organic	Phenol-d5	n/a	=	14.4	µg/L	EPA 8270C	-88	-88			
2021/22-2	ME-VR2	srgt environ, rec	1/14/2022	Organic	Phenol-d5	n/a	=	36	%	EPA 8270C	-88	-88	5	46	
2021/22-2	ME-VR2	srgt environ	1/18/2022	Organic	Phenol-d5	n/a	=	15.7	µg/L	EPA 625.1	-88	-88			
2021/22-2	ME-VR2	srgt environ, rec	1/18/2022	Organic	Phenol-d5	n/a	=	39	%	EPA 625.1	-88	-88	12	120	
2021/22-2	MO-CAM	srgt environ	1/14/2022	Organic	Phenol-d5	n/a	=	11.8	µg/L	EPA 8270C	-88	-88			
2021/22-2	MO-CAM	srgt environ, rec	1/14/2022	Organic	Phenol-d5	n/a	=	29	%	EPA 8270C	-88	-88	5	46	
2021/22-2	MO-CAM	srgt environ	1/18/2022	Organic	Phenol-d5	n/a	=	13.4	µg/L	EPA 625.1	-88	-88			
2021/22-2	MO-CAM	srgt environ, rec	1/18/2022	Organic	Phenol-d5	n/a	=	33	%	EPA 625.1	-88	-88	12	120	
2021/22-2	MO-FIL	srgt environ	1/14/2022	Organic	Phenol-d5	n/a	=	12.1	µg/L	EPA 8270C	-88	-88			
2021/22-2	MO-FIL	srgt environ, rec	1/14/2022	Organic	Phenol-d5	n/a	=	30	%	EPA 8270C	-88	-88	5	46	
2021/22-2	MO-FIL	srgt environ	1/19/2022	Organic	Phenol-d5	n/a	=	13.4	µg/L	EPA 625.1	-88	-88			
2021/22-2	MO-FIL	srgt environ, rec	1/19/2022	Organic	Phenol-d5	n/a	=	33	%	EPA 625.1	-88	-88	12	120	
2021/22-2	MO-HUE	srgt environ	1/14/2022	Organic	Phenol-d5	n/a	=	21.6	µg/L	EPA 8270C	-88	-88			GN
2021/22-2	MO-HUE	srgt environ, rec	1/14/2022	Organic	Phenol-d5	n/a	=	53	%	EPA 8270C	-88	-88	5	46	GN
2021/22-2	MO-HUE	srgt environ	1/19/2022	Organic	Phenol-d5	n/a	=	24.1	µg/L	EPA 625.1	-88	-88			
2021/22-2	MO-HUE	srgt environ, rec	1/19/2022	Organic	Phenol-d5	n/a	=	59	%	EPA 625.1	-88	-88	12	120	
2021/22-2	MO-MEI	srgt environ	1/14/2022	Organic	Phenol-d5	n/a	=	10.9	µg/L	EPA 8270C	-88	-88			
2021/22-2	MO-MEI	srgt environ, rec	1/14/2022	Organic	Phenol-d5	n/a	=	26	%	EPA 8270C	-88	-88	5	46	
2021/22-2	MO-MEI	srgt environ	1/18/2022	Organic	Phenol-d5	n/a	=	12.4	µg/L	EPA 625.1	-88	-88			
2021/22-2	MO-MEI	srgt environ, rec	1/18/2022	Organic	Phenol-d5	n/a	=	30	%	EPA 625.1	-88	-88	12	120	
2021/22-2	MO-MPK	srgt environ	1/14/2022	Organic	Phenol-d5	n/a	=	11.3	µg/L	EPA 8270C	-88	-88			
2021/22-2	MO-MPK	srgt environ, rec	1/14/2022	Organic	Phenol-d5	n/a	=	28	%	EPA 8270C	-88	-88	5	46	
2021/22-2	MO-MPK	srgt environ	1/19/2022	Organic	Phenol-d5	n/a	=	12.7	µg/L	EPA 625.1	-88	-88			
2021/22-2	MO-MPK	srgt environ, rec	1/19/2022	Organic	Phenol-d5	n/a	=	31	%	EPA 625.1	-88	-88	12	120	
2021/22-2	MO-OJA	srgt environ	1/14/2022	Organic	Phenol-d5	n/a	=	11.8	µg/L	EPA 8270C	-88	-88			
2021/22-2	MO-OJA	srgt environ, rec	1/14/2022	Organic	Phenol-d5	n/a	=	29	%	EPA 8270C	-88	-88	5	46	
2021/22-2	MO-OJA	srgt environ	1/18/2022	Organic	Phenol-d5	n/a	=	13.6	µg/L	EPA 625.1	-88	-88			
2021/22-2	MO-OJA	srgt environ, rec	1/18/2022	Organic	Phenol-d5	n/a	=	33	%	EPA 625.1	-88	-88	12	120	
2021/22-2	MO-OXN	srgt environ	1/14/2022	Organic	Phenol-d5	n/a	=	21.3	µg/L	EPA 8270C	-88	-88			GN
2021/22-2	MO-OXN	srgt environ, rec	1/14/2022	Organic	Phenol-d5	n/a	=	52	%	EPA 8270C	-88	-88	5	46	GN
2021/22-2	MO-OXN	srgt environ	1/19/2022	Organic	Phenol-d5	n/a	=	22.8	µg/L	EPA 625.1	-88	-88			
2021/22-2	MO-OXN	srgt environ, rec	1/19/2022	Organic	Phenol-d5	n/a	=	56	%	EPA 625.1	-88	-88	12	120	
2021/22-2	MO-SIM	srgt environ	1/14/2022	Organic	Phenol-d5	n/a	=	12.3	µg/L	EPA 8270C	-88	-88			
2021/22-2	MO-SIM	srgt environ, rec	1/14/2022	Organic	Phenol-d5	n/a	=	31	%	EPA 8270C	-88	-88	5	46	
2021/22-2	MO-SIM	srgt environ	1/19/2022	Organic	Phenol-d5	n/a	=	13.2	µg/L	EPA 625.1	-88	-88			
2021/22-2	MO-SIM	srgt environ, rec	1/19/2022	Organic	Phenol-d5	n/a	=	33	%	EPA 625.1	-88	-88	12	120	
2021/22-2	MO-SPA	srgt environ	1/14/2022	Organic	Phenol-d5	n/a	=	11.8	µg/L	EPA 8270C	-88	-88			
2021/22-2	MO-SPA	srgt environ, rec	1/14/2022	Organic	Phenol-d5	n/a	=	29	%	EPA 8270C	-88	-88	5	46	
2021/22-2	MO-SPA	srgt environ	1/19/2022	Organic	Phenol-d5	n/a	=	13.8	µg/L	EPA 625.1	-88	-88			
2021/22-2	MO-SPA	srgt environ, rec	1/19/2022	Organic	Phenol-d5	n/a	=	34	%	EPA 625.1	-88	-88	12	120	
2021/22-2	MO-THO	srgt environ	1/14/2022	Organic	Phenol-d5	n/a	=	11	µg/L	EPA 8270C	-88	-88			
2021/22-2	MO-THO	srgt environ, rec	1/14/2022	Organic	Phenol-d5	n/a	=	27	%	EPA 8270C	-88	-88	5	46	
2021/22-2	MO-THO	srgt environ	1/19/2022	Organic	Phenol-d5	n/a	=	12.3	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	
2021/22-2	MO-THO	srgt environ, rec	1/19/2022	Organic	Phenol-d5	n/a	=	30	%	EPA 625.1	-88	-88	12	120	
2021/22-2	MO-VEN	srgt environ	1/14/2022	Organic	Phenol-d5	n/a	=	13.2	µg/L	EPA 8270C	-88	-88			
2021/22-2	MO-VEN	srgt environ, rec	1/14/2022	Organic	Phenol-d5	n/a	=	33	%	EPA 8270C	-88	-88	5	46	
2021/22-2	MO-VEN	srgt environ	1/18/2022	Organic	Phenol-d5	n/a	=	14.1	µg/L	EPA 625.1	-88	-88			
2021/22-2	MO-VEN	srgt environ, rec	1/18/2022	Organic	Phenol-d5	n/a	=	35	%	EPA 625.1	-88	-88	12	120	
2021/22-2	Lab	srgt method blank	1/14/2022	Organic	p-Terphenyl-d14	n/a	=	6.06	µg/L	EPA 8270C	-88	-88			
2021/22-2	Lab	srgt method blank, rec	1/14/2022	Organic	p-Terphenyl-d14	n/a	=	121	%	EPA 8270C	-88	-88	19	134	
2021/22-2	Lab	srgt LCS	1/15/2022	Organic	p-Terphenyl-d14	n/a	=	24.2	µg/L	EPA 8270C	-88	-88			
2021/22-2	Lab	srgt LCS, rec	1/15/2022	Organic	p-Terphenyl-d14	n/a	=	121	%	EPA 8270C	-88	-88	19	134	
2021/22-2	Lab	srgt LCS dup	1/15/2022	Organic	p-Terphenyl-d14	n/a	=	21.4	µg/L	EPA 8270C	-88	-88			
2021/22-2	Lab	srgt LCS dup, rec	1/15/2022	Organic	p-Terphenyl-d14	n/a	=	107	%	EPA 8270C	-88	-88	19	134	
2021/22-2	Lab	srgt LCS dup	1/18/2022	Organic	p-Terphenyl-d14	n/a	=	32.2	µg/L	EPA 625.1	-88	-88			GN
2021/22-2	Lab	srgt LCS dup, rec	1/18/2022	Organic	p-Terphenyl-d14	n/a	=	161	%	EPA 625.1	-88	-88	44	129	GN
2021/22-2	Lab	srgt LCS	1/18/2022	Organic	p-Terphenyl-d14	n/a	=	27.8	µg/L	EPA 625.1	-88	-88			GN
2021/22-2	Lab	srgt LCS, rec	1/18/2022	Organic	p-Terphenyl-d14	n/a	=	139	%	EPA 625.1	-88	-88	44	129	GN
2021/22-2	Lab	srgt method blank	1/18/2022	Organic	p-Terphenyl-d14	n/a	=	26.9	µg/L	EPA 625.1	-88	-88			GN
2021/22-2	Lab	srgt method blank, rec	1/18/2022	Organic	p-Terphenyl-d14	n/a	=	134	%	EPA 625.1	-88	-88	44	129	GN
2021/22-2	ME-CC	srgt environ	1/15/2022	Organic	p-Terphenyl-d14	n/a	=	19.4	µg/L	EPA 8270C	-88	-88			
2021/22-2	ME-CC	srgt environ, rec	1/15/2022	Organic	p-Terphenyl-d14	n/a	=	95	%	EPA 8270C	-88	-88	19	134	
2021/22-2	ME-CC	srgt environ	1/18/2022	Organic	p-Terphenyl-d14	n/a	=	28.9	µg/L	EPA 625.1	-88	-88			GN
2021/22-2	ME-CC	srgt environ, rec	1/18/2022	Organic	p-Terphenyl-d14	n/a	=	142	%	EPA 625.1	-88	-88	44	129	GN
2021/22-2	ME-SCR	srgt environ	1/15/2022	Organic	p-Terphenyl-d14	n/a	=	3.7	µg/L	EPA 8270C	-88	-88			GN
2021/22-2	ME-SCR	srgt environ, rec	1/15/2022	Organic	p-Terphenyl-d14	n/a	=	18	%	EPA 8270C	-88	-88	19	134	GN
2021/22-2	ME-SCR	srgt environ	1/18/2022	Organic	p-Terphenyl-d14	n/a	=	4.97	µg/L	EPA 625.1	-88	-88			GN
2021/22-2	ME-SCR	srgt environ, rec	1/18/2022	Organic	p-Terphenyl-d14	n/a	=	24	%	EPA 625.1	-88	-88	44	129	GN
2021/22-2	ME-VR2	srgt environ	1/15/2022	Organic	p-Terphenyl-d14	n/a	=	19.8	µg/L	EPA 8270C	-88	-88			
2021/22-2	ME-VR2	srgt environ, rec	1/15/2022	Organic	p-Terphenyl-d14	n/a	=	98	%	EPA 8270C	-88	-88	19	134	
2021/22-2	ME-VR2	srgt environ	1/18/2022	Organic	p-Terphenyl-d14	n/a	=	30.4	µg/L	EPA 625.1	-88	-88			GN
2021/22-2	ME-VR2	srgt environ, rec	1/18/2022	Organic	p-Terphenyl-d14	n/a	=	151	%	EPA 625.1	-88	-88	44	129	GN
2021/22-2	MO-CAM	srgt environ	1/15/2022	Organic	p-Terphenyl-d14	n/a	=	20.1	µg/L	EPA 8270C	-88	-88			
2021/22-2	MO-CAM	srgt environ, rec	1/15/2022	Organic	p-Terphenyl-d14	n/a	=	99	%	EPA 8270C	-88	-88	19	134	
2021/22-2	MO-CAM	srgt environ	1/18/2022	Organic	p-Terphenyl-d14	n/a	=	28.8	µg/L	EPA 625.1	-88	-88			GN
2021/22-2	MO-CAM	srgt environ, rec	1/18/2022	Organic	p-Terphenyl-d14	n/a	=	142	%	EPA 625.1	-88	-88	44	129	GN
2021/22-2	MO-FIL	srgt environ	1/15/2022	Organic	p-Terphenyl-d14	n/a	=	19.6	µg/L	EPA 8270C	-88	-88			
2021/22-2	MO-FIL	srgt environ, rec	1/15/2022	Organic	p-Terphenyl-d14	n/a	=	97	%	EPA 8270C	-88	-88	19	134	
2021/22-2	MO-FIL	srgt environ	1/19/2022	Organic	p-Terphenyl-d14	n/a	=	28.3	µg/L	EPA 625.1	-88	-88			GN
2021/22-2	MO-FIL	srgt environ, rec	1/19/2022	Organic	p-Terphenyl-d14	n/a	=	140	%	EPA 625.1	-88	-88	44	129	GN
2021/22-2	MO-HUE	srgt environ	1/15/2022	Organic	p-Terphenyl-d14	n/a	=	19.7	µg/L	EPA 8270C	-88	-88			
2021/22-2	MO-HUE	srgt environ, rec	1/15/2022	Organic	p-Terphenyl-d14	n/a	=	96	%	EPA 8270C	-88	-88	19	134	
2021/22-2	MO-HUE	srgt environ	1/19/2022	Organic	p-Terphenyl-d14	n/a	=	29.4	µg/L	EPA 625.1	-88	-88			GN
2021/22-2	MO-HUE	srgt environ, rec	1/19/2022	Organic	p-Terphenyl-d14	n/a	=	143	%	EPA 625.1	-88	-88	44	129	GN
2021/22-2	MO-MEI	srgt environ	1/15/2022	Organic	p-Terphenyl-d14	n/a	=	17.7	µg/L	EPA 8270C	-88	-88			
2021/22-2	MO-MEI	srgt environ, rec	1/15/2022	Organic	p-Terphenyl-d14	n/a	=	85	%	EPA 8270C	-88	-88	19	134	
2021/22-2	MO-MEI	srgt environ	1/18/2022	Organic	p-Terphenyl-d14	n/a	=	23.8	µg/L	EPA 625.1	-88	-88			
2021/22-2	MO-MEI	srgt environ, rec	1/18/2022	Organic	p-Terphenyl-d14	n/a	=	115	%	EPA 625.1	-88	-88	44	129	
2021/22-2	MO-MPK	srgt environ	1/15/2022	Organic	p-Terphenyl-d14	n/a	=	18.1	µg/L	EPA 8270C	-88	-88			
2021/22-2	MO-MPK	srgt environ, rec	1/15/2022	Organic	p-Terphenyl-d14	n/a	=	89	%	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	
2021/22-2	MO-MPK	srgt environ	1/19/2022	Organic	p-Terphenyl-d14	n/a	=	28.5	µg/L	EPA 625.1	-88	-88			GN
2021/22-2	MO-MPK	srgt environ, rec	1/19/2022	Organic	p-Terphenyl-d14	n/a	=	140	%	EPA 625.1	-88	-88	44	129	GN
2021/22-2	MO-OJA	srgt environ	1/15/2022	Organic	p-Terphenyl-d14	n/a	=	19.3	µg/L	EPA 8270C	-88	-88			
2021/22-2	MO-OJA	srgt environ, rec	1/15/2022	Organic	p-Terphenyl-d14	n/a	=	94	%	EPA 8270C	-88	-88	19	134	
2021/22-2	MO-OJA	srgt environ	1/18/2022	Organic	p-Terphenyl-d14	n/a	=	28.6	µg/L	EPA 625.1	-88	-88			GN
2021/22-2	MO-OJA	srgt environ, rec	1/18/2022	Organic	p-Terphenyl-d14	n/a	=	140	%	EPA 625.1	-88	-88	44	129	GN
2021/22-2	MO-OXN	srgt environ	1/15/2022	Organic	p-Terphenyl-d14	n/a	=	21.6	µg/L	EPA 8270C	-88	-88			
2021/22-2	MO-OXN	srgt environ, rec	1/15/2022	Organic	p-Terphenyl-d14	n/a	=	106	%	EPA 8270C	-88	-88	19	134	
2021/22-2	MO-OXN	srgt environ	1/19/2022	Organic	p-Terphenyl-d14	n/a	=	31.8	µg/L	EPA 625.1	-88	-88			GN
2021/22-2	MO-OXN	srgt environ, rec	1/19/2022	Organic	p-Terphenyl-d14	n/a	=	157	%	EPA 625.1	-88	-88	44	129	GN
2021/22-2	MO-SIM	srgt environ	1/15/2022	Organic	p-Terphenyl-d14	n/a	=	19.1	µg/L	EPA 8270C	-88	-88			
2021/22-2	MO-SIM	srgt environ, rec	1/15/2022	Organic	p-Terphenyl-d14	n/a	=	95	%	EPA 8270C	-88	-88	19	134	
2021/22-2	MO-SIM	srgt environ	1/19/2022	Organic	p-Terphenyl-d14	n/a	=	30.6	µg/L	EPA 625.1	-88	-88			GN
2021/22-2	MO-SIM	srgt environ, rec	1/19/2022	Organic	p-Terphenyl-d14	n/a	=	153	%	EPA 625.1	-88	-88	44	129	GN
2021/22-2	MO-SPA	srgt environ	1/15/2022	Organic	p-Terphenyl-d14	n/a	=	19.4	µg/L	EPA 8270C	-88	-88			
2021/22-2	MO-SPA	srgt environ, rec	1/15/2022	Organic	p-Terphenyl-d14	n/a	=	96	%	EPA 8270C	-88	-88	19	134	
2021/22-2	MO-SPA	srgt environ	1/19/2022	Organic	p-Terphenyl-d14	n/a	=	31.3	µg/L	EPA 625.1	-88	-88			GN
2021/22-2	MO-SPA	srgt environ, rec	1/19/2022	Organic	p-Terphenyl-d14	n/a	=	155	%	EPA 625.1	-88	-88	44	129	GN
2021/22-2	MO-THO	srgt environ	1/15/2022	Organic	p-Terphenyl-d14	n/a	=	17	µg/L	EPA 8270C	-88	-88			
2021/22-2	MO-THO	srgt environ, rec	1/15/2022	Organic	p-Terphenyl-d14	n/a	=	84	%	EPA 8270C	-88	-88	19	134	
2021/22-2	MO-THO	srgt environ	1/19/2022	Organic	p-Terphenyl-d14	n/a	=	24.9	µg/L	EPA 625.1	-88	-88			
2021/22-2	MO-THO	srgt environ, rec	1/19/2022	Organic	p-Terphenyl-d14	n/a	=	122	%	EPA 625.1	-88	-88	44	129	
2021/22-2	MO-VEN	srgt environ	1/15/2022	Organic	p-Terphenyl-d14	n/a	=	20.9	µg/L	EPA 8270C	-88	-88			
2021/22-2	MO-VEN	srgt environ, rec	1/15/2022	Organic	p-Terphenyl-d14	n/a	=	104	%	EPA 8270C	-88	-88	19	134	
2021/22-2	MO-VEN	srgt environ	1/18/2022	Organic	p-Terphenyl-d14	n/a	=	30.2	µg/L	EPA 625.1	-88	-88			GN
2021/22-2	MO-VEN	srgt environ, rec	1/18/2022	Organic	p-Terphenyl-d14	n/a	=	149	%	EPA 625.1	-88	-88	44	129	GN
2021/22-2	Lab	method blank	1/14/2022	Organic	Pyrene	n/a	<	0.04	µg/L	EPA 8270C	0.04	0.1			
2021/22-2	Lab	LCS	1/15/2022	Organic	Pyrene	n/a	=	21.4	µg/L	EPA 8270C	0.04	0.1			
2021/22-2	Lab	LCS, rec	1/15/2022	Organic	Pyrene	n/a	=	107	%	EPA 8270C	-88	-88	26	128	
2021/22-2	Lab	LCS dup	1/15/2022	Organic	Pyrene	n/a	=	19.5	µg/L	EPA 8270C	0.04	0.1			
2021/22-2	Lab	LCS dup, rec	1/15/2022	Organic	Pyrene	n/a	=	97	%	EPA 8270C	-88	-88	26	128	
2021/22-2	Lab	LCS, RPD	1/15/2022	Organic	Pyrene	n/a	=	9	%	EPA 8270C	-88	-88	0	30	
2021/22-2	Lab	LCS dup	1/18/2022	Organic	Pyrene	n/a	=	25.9	µg/L	EPA 625.1	0.25	1			EUM
2021/22-2	Lab	LCS dup, rec	1/18/2022	Organic	Pyrene	n/a	=	129	%	EPA 625.1	-88	-88	70	120	EUM
2021/22-2	Lab	LCS, RPD	1/18/2022	Organic	Pyrene	n/a	=	13	%	EPA 625.1	-88	-88	0	30	EUM
2021/22-2	Lab	LCS	1/18/2022	Organic	Pyrene	n/a	=	22.7	µg/L	EPA 625.1	0.25	1			
2021/22-2	Lab	LCS, rec	1/18/2022	Organic	Pyrene	n/a	=	114	%	EPA 625.1	-88	-88	70	120	
2021/22-2	Lab	method blank	1/18/2022	Organic	Pyrene	n/a	<	0.25	µg/L	EPA 625.1	0.25	1			
2021/22-2	Lab	srgt method blank	1/13/2022	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0842	µg/L	EPA 608.3	-88	-88			
2021/22-2	Lab	srgt method blank, rec	1/13/2022	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	84	%	EPA 608.3	-88	-88	32	130	
2021/22-2	Lab	srgt LCS	1/13/2022	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.086	µg/L	EPA 608.3	-88	-88			
2021/22-2	Lab	srgt LCS, rec	1/13/2022	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	86	%	EPA 608.3	-88	-88	32	130	
2021/22-2	Lab	srgt LCS dup	1/13/2022	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0825	µg/L	EPA 608.3	-88	-88			
2021/22-2	Lab	srgt LCS dup, rec	1/13/2022	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	83	%	EPA 608.3	-88	-88	32	130	
2021/22-2	ME-CC	srgt environ	1/13/2022	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0494	µg/L	EPA 608.3	-88	-88			
2021/22-2	ME-CC	srgt environ, rec	1/13/2022	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	49	%	EPA 608.3	-88	-88	32	130	
2021/22-2	ME-SCR	srgt environ	1/13/2022	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0632	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	
2021/22-2	ME-SCR	srgt environ, rec	1/13/2022	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	57	%	EPA 608.3	-88	-88	32	130	
2021/22-2	ME-VR2	srgt environ	1/13/2022	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0442	µg/L	EPA 608.3	-88	-88			
2021/22-2	ME-VR2	srgt environ, rec	1/13/2022	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	43	%	EPA 608.3	-88	-88	32	130	
2021/22-2	MO-CAM	srgt environ	1/13/2022	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0556	µg/L	EPA 608.3	-88	-88			
2021/22-2	MO-CAM	srgt environ, rec	1/13/2022	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	54	%	EPA 608.3	-88	-88	32	130	
2021/22-2	MO-FIL	srgt environ	1/13/2022	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0593	µg/L	EPA 608.3	-88	-88			
2021/22-2	MO-FIL	srgt environ, rec	1/13/2022	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	58	%	EPA 608.3	-88	-88	32	130	
2021/22-2	MO-HUE	srgt environ	1/13/2022	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0564	µg/L	EPA 608.3	-88	-88			
2021/22-2	MO-HUE	srgt environ, rec	1/13/2022	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	56	%	EPA 608.3	-88	-88	32	130	
2021/22-2	MO-MEI	srgt environ	1/13/2022	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0561	µg/L	EPA 608.3	-88	-88			
2021/22-2	MO-MEI	srgt environ, rec	1/13/2022	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	56	%	EPA 608.3	-88	-88	32	130	
2021/22-2	MO-MPK	srgt environ	1/13/2022	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0503	µg/L	EPA 608.3	-88	-88			
2021/22-2	MO-MPK	srgt environ, rec	1/13/2022	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	50	%	EPA 608.3	-88	-88	32	130	
2021/22-2	MO-OJA	srgt environ	1/13/2022	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0603	µg/L	EPA 608.3	-88	-88			
2021/22-2	MO-OJA	srgt environ, rec	1/13/2022	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	60	%	EPA 608.3	-88	-88	32	130	
2021/22-2	MO-OXN	srgt environ	1/13/2022	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0576	µg/L	EPA 608.3	-88	-88			
2021/22-2	MO-OXN	srgt environ, rec	1/13/2022	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	57	%	EPA 608.3	-88	-88	32	130	
2021/22-2	MO-SIM	srgt environ	1/13/2022	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0608	µg/L	EPA 608.3	-88	-88			
2021/22-2	MO-SIM	srgt environ, rec	1/13/2022	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	59	%	EPA 608.3	-88	-88	32	130	
2021/22-2	MO-SPA	srgt environ	1/13/2022	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0651	µg/L	EPA 608.3	-88	-88			
2021/22-2	MO-SPA	srgt environ, rec	1/13/2022	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	64	%	EPA 608.3	-88	-88	32	130	
2021/22-2	MO-THO	srgt environ	1/13/2022	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0473	µg/L	EPA 608.3	-88	-88			
2021/22-2	MO-THO	srgt environ, rec	1/13/2022	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	47	%	EPA 608.3	-88	-88	32	130	
2021/22-2	MO-VEN	srgt environ	1/13/2022	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0529	µg/L	EPA 608.3	-88	-88			
2021/22-2	MO-VEN	srgt environ, rec	1/13/2022	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	52	%	EPA 608.3	-88	-88	32	130	
2021/22-2	Lab	srgt LCS	12/16/2021	Organic	Toluene-d8	n/a	=	50.5	µg/L	EPA 624.1	-88	-88			
2021/22-2	Lab	srgt LCS, rec	12/16/2021	Organic	Toluene-d8	n/a	=	101	%	EPA 624.1	-88	-88	92	112	
2021/22-2	Lab	srgt LCS dup	12/16/2021	Organic	Toluene-d8	n/a	=	49.2	µg/L	EPA 624.1	-88	-88			
2021/22-2	Lab	srgt LCS dup, rec	12/16/2021	Organic	Toluene-d8	n/a	=	98	%	EPA 624.1	-88	-88	92	112	
2021/22-2	Lab	srgt method blank	12/16/2021	Organic	Toluene-d8	n/a	=	50.4	µg/L	EPA 624.1	-88	-88			
2021/22-2	Lab	srgt method blank, rec	12/16/2021	Organic	Toluene-d8	n/a	=	101	%	EPA 624.1	-88	-88	92	112	
2021/22-2	Lab	srgt LCS	12/16/2021	Organic	Toluene-d8	n/a	=	50.7	µg/L	EPA 624.1	-88	-88			
2021/22-2	Lab	srgt LCS, rec	12/16/2021	Organic	Toluene-d8	n/a	=	101	%	EPA 624.1	-88	-88	92	112	
2021/22-2	Lab	srgt LCS dup	12/16/2021	Organic	Toluene-d8	n/a	=	50.5	µg/L	EPA 624.1	-88	-88			
2021/22-2	Lab	srgt LCS dup, rec	12/16/2021	Organic	Toluene-d8	n/a	=	101	%	EPA 624.1	-88	-88	92	112	
2021/22-2	Lab	srgt method blank	12/16/2021	Organic	Toluene-d8	n/a	=	50.4	µg/L	EPA 624.1	-88	-88			
2021/22-2	Lab	srgt method blank, rec	12/16/2021	Organic	Toluene-d8	n/a	=	101	%	EPA 624.1	-88	-88	92	112	
2021/22-2	ME-CC	srgt environ	12/16/2021	Organic	Toluene-d8	n/a	=	49.9	µg/L	EPA 624.1	-88	-88			
2021/22-2	ME-CC	srgt environ, rec	12/16/2021	Organic	Toluene-d8	n/a	=	100	%	EPA 624.1	-88	-88	92	112	
2021/22-2	ME-CC	srgt environ	12/17/2021	Organic	Toluene-d8	n/a	=	50.1	µg/L	EPA 624.1	-88	-88			
2021/22-2	ME-CC	srgt environ, rec	12/17/2021	Organic	Toluene-d8	n/a	=	100	%	EPA 624.1	-88	-88	92	112	
2021/22-2	ME-SCR	srgt environ	12/16/2021	Organic	Toluene-d8	n/a	=	51.1	µg/L	EPA 624.1	-88	-88			
2021/22-2	ME-SCR	srgt environ, rec	12/16/2021	Organic	Toluene-d8	n/a	=	102	%	EPA 624.1	-88	-88	92	112	
2021/22-2	ME-VR2	srgt environ	12/16/2021	Organic	Toluene-d8	n/a	=	50.8	µg/L	EPA 624.1	-88	-88			
2021/22-2	ME-VR2	srgt environ, rec	12/16/2021	Organic	Toluene-d8	n/a	=	102	%	EPA 624.1	-88	-88	92	112	
2021/22-2	MO-CAM	srgt environ	12/16/2021	Organic	Toluene-d8	n/a	=	49.5	µg/L	EPA 624.1	-88	-88			
2021/22-2	MO-CAM	srgt environ, rec	12/16/2021	Organic	Toluene-d8	n/a	=	99	%	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	
2021/22-2	MO-CAM	srgt field blank	12/17/2021	Organic	Toluene-d8	n/a	=	49.9	µg/L	EPA 624.1	-88	-88			
2021/22-2	MO-CAM	srgt field blank, rec	12/17/2021	Organic	Toluene-d8	n/a	=	100	%	EPA 624.1	-88	-88	92	112	
2021/22-2	MO-FIL	srgt environ	12/16/2021	Organic	Toluene-d8	n/a	=	50	µg/L	EPA 624.1	-88	-88			
2021/22-2	MO-FIL	srgt environ, rec	12/16/2021	Organic	Toluene-d8	n/a	=	100	%	EPA 624.1	-88	-88	92	112	
2021/22-2	MO-HUE	srgt environ	12/16/2021	Organic	Toluene-d8	n/a	=	50.8	µg/L	EPA 624.1	-88	-88			
2021/22-2	MO-HUE	srgt environ, rec	12/16/2021	Organic	Toluene-d8	n/a	=	102	%	EPA 624.1	-88	-88	92	112	
2021/22-2	MO-MEI	srgt environ	12/16/2021	Organic	Toluene-d8	n/a	=	50.3	µg/L	EPA 624.1	-88	-88			
2021/22-2	MO-MEI	srgt environ, rec	12/16/2021	Organic	Toluene-d8	n/a	=	101	%	EPA 624.1	-88	-88	92	112	
2021/22-2	MO-MPK	srgt environ	12/16/2021	Organic	Toluene-d8	n/a	=	50.1	µg/L	EPA 624.1	-88	-88			
2021/22-2	MO-MPK	srgt environ, rec	12/16/2021	Organic	Toluene-d8	n/a	=	100	%	EPA 624.1	-88	-88	92	112	
2021/22-2	MO-OJA	srgt environ	12/16/2021	Organic	Toluene-d8	n/a	=	50.2	µg/L	EPA 624.1	-88	-88			
2021/22-2	MO-OJA	srgt environ, rec	12/16/2021	Organic	Toluene-d8	n/a	=	100	%	EPA 624.1	-88	-88	92	112	
2021/22-2	MO-OXN	srgt environ	12/16/2021	Organic	Toluene-d8	n/a	=	50.3	µg/L	EPA 624.1	-88	-88			
2021/22-2	MO-OXN	srgt environ, rec	12/16/2021	Organic	Toluene-d8	n/a	=	101	%	EPA 624.1	-88	-88	92	112	
2021/22-2	MO-SIM	srgt environ	12/16/2021	Organic	Toluene-d8	n/a	=	50.5	µg/L	EPA 624.1	-88	-88			
2021/22-2	MO-SIM	srgt environ, rec	12/16/2021	Organic	Toluene-d8	n/a	=	101	%	EPA 624.1	-88	-88	92	112	
2021/22-2	MO-SPA	srgt environ	12/16/2021	Organic	Toluene-d8	n/a	=	50.3	µg/L	EPA 624.1	-88	-88			
2021/22-2	MO-SPA	srgt environ, rec	12/16/2021	Organic	Toluene-d8	n/a	=	101	%	EPA 624.1	-88	-88	92	112	
2021/22-2	MO-THO	srgt environ	12/16/2021	Organic	Toluene-d8	n/a	=	50.3	µg/L	EPA 624.1	-88	-88			
2021/22-2	MO-THO	srgt environ, rec	12/16/2021	Organic	Toluene-d8	n/a	=	101	%	EPA 624.1	-88	-88	92	112	
2021/22-2	MO-VEN	srgt environ	12/16/2021	Organic	Toluene-d8	n/a	=	49.7	µg/L	EPA 624.1	-88	-88			
2021/22-2	MO-VEN	srgt environ, rec	12/16/2021	Organic	Toluene-d8	n/a	=	99	%	EPA 624.1	-88	-88	92	112	
2021/22-2	000NONPJ	srgt matrix spike	12/28/2021	Organic	Triphenylphosphate	n/a	=	0.676	µg/L	EPA 625.1m	-88	-88			
2021/22-2	000NONPJ	srgt matrix spike, rec	12/28/2021	Organic	Triphenylphosphate	n/a	=	135	%	EPA 625.1m	-88	-88	40	200	
2021/22-2	000NONPJ	srgt matrix spike dup	12/28/2021	Organic	Triphenylphosphate	n/a	=	0.609	µg/L	EPA 625.1m	-88	-88			
2021/22-2	000NONPJ	srgt matrix spike dup, rec	12/28/2021	Organic	Triphenylphosphate	n/a	=	122	%	EPA 625.1m	-88	-88	40	200	
2021/22-2	Lab	srgt method blank	12/22/2021	Organic	Triphenylphosphate	n/a	=	5.84	µg/L	EPA 525.2	-88	-88			
2021/22-2	Lab	srgt method blank, rec	12/22/2021	Organic	Triphenylphosphate	n/a	=	117	%	EPA 525.2	-88	-88	70	130	
2021/22-2	Lab	srgt LCS	12/22/2021	Organic	Triphenylphosphate	n/a	=	5.98	µg/L	EPA 525.2	-88	-88			
2021/22-2	Lab	srgt LCS, rec	12/22/2021	Organic	Triphenylphosphate	n/a	=	120	%	EPA 525.2	-88	-88	70	130	
2021/22-2	Lab	srgt LCS dup	12/22/2021	Organic	Triphenylphosphate	n/a	=	5.84	µg/L	EPA 525.2	-88	-88			
2021/22-2	Lab	srgt LCS dup, rec	12/22/2021	Organic	Triphenylphosphate	n/a	=	117	%	EPA 525.2	-88	-88	70	130	
2021/22-2	Lab	srgt method blank	12/23/2021	Organic	Triphenylphosphate	n/a	=	5.15	µg/L	EPA 525.2	-88	-88			
2021/22-2	Lab	srgt method blank, rec	12/23/2021	Organic	Triphenylphosphate	n/a	=	103	%	EPA 525.2	-88	-88	70	130	
2021/22-2	Lab	srgt LCS	12/23/2021	Organic	Triphenylphosphate	n/a	=	5.66	µg/L	EPA 525.2	-88	-88			
2021/22-2	Lab	srgt LCS, rec	12/23/2021	Organic	Triphenylphosphate	n/a	=	113	%	EPA 525.2	-88	-88	70	130	
2021/22-2	Lab	srgt LCS dup	12/23/2021	Organic	Triphenylphosphate	n/a	=	5.64	µg/L	EPA 525.2	-88	-88			
2021/22-2	Lab	srgt LCS dup, rec	12/23/2021	Organic	Triphenylphosphate	n/a	=	113	%	EPA 525.2	-88	-88	70	130	
2021/22-2	Lab	srgt method blank	12/27/2021	Organic	Triphenylphosphate	n/a	=	5.25	µg/L	EPA 525.2	-88	-88			
2021/22-2	Lab	srgt method blank, rec	12/27/2021	Organic	Triphenylphosphate	n/a	=	105	%	EPA 525.2	-88	-88	70	130	
2021/22-2	Lab	srgt LCS	12/27/2021	Organic	Triphenylphosphate	n/a	=	5.88	µg/L	EPA 525.2	-88	-88			
2021/22-2	Lab	srgt LCS, rec	12/27/2021	Organic	Triphenylphosphate	n/a	=	118	%	EPA 525.2	-88	-88	70	130	
2021/22-2	Lab	srgt LCS dup	12/27/2021	Organic	Triphenylphosphate	n/a	=	5.62	µg/L	EPA 525.2	-88	-88			
2021/22-2	Lab	srgt LCS dup, rec	12/27/2021	Organic	Triphenylphosphate	n/a	=	112	%	EPA 525.2	-88	-88	70	130	
2021/22-2	Lab	srgt LCS	12/28/2021	Organic	Triphenylphosphate	n/a	=	0.497	µg/L	EPA 625.1m	-88	-88			
2021/22-2	Lab	srgt LCS, rec	12/28/2021	Organic	Triphenylphosphate	n/a	=	99	%	EPA 625.1m	-88	-88	40	200	
2021/22-2	Lab	srgt method blank	12/28/2021	Organic	Triphenylphosphate	n/a	=	0.509	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	
2021/22-2	Lab	srgt method blank, rec	12/28/2021	Organic	Triphenylphosphate	n/a	=	102	%	EPA 625.1m	-88	-88	40	200	
2021/22-2	Lab	srgt method blank	12/29/2021	Organic	Triphenylphosphate	n/a	=	5.85	µg/L	EPA 525.2	-88	-88			
2021/22-2	Lab	srgt method blank, rec	12/29/2021	Organic	Triphenylphosphate	n/a	=	117	%	EPA 525.2	-88	-88	70	130	
2021/22-2	Lab	srgt LCS	12/29/2021	Organic	Triphenylphosphate	n/a	=	5.92	µg/L	EPA 525.2	-88	-88			
2021/22-2	Lab	srgt LCS, rec	12/29/2021	Organic	Triphenylphosphate	n/a	=	118	%	EPA 525.2	-88	-88	70	130	
2021/22-2	Lab	srgt LCS dup	12/29/2021	Organic	Triphenylphosphate	n/a	=	5.91	µg/L	EPA 525.2	-88	-88			
2021/22-2	Lab	srgt LCS dup, rec	12/29/2021	Organic	Triphenylphosphate	n/a	=	118	%	EPA 525.2	-88	-88	70	130	
2021/22-2	Lab	srgt LCS	1/11/2022	Organic	Triphenylphosphate	n/a	=	0.637	µg/L	EPA 625.1m	-88	-88			
2021/22-2	Lab	srgt LCS, rec	1/11/2022	Organic	Triphenylphosphate	n/a	=	127	%	EPA 625.1m	-88	-88	40	200	
2021/22-2	Lab	srgt method blank	1/11/2022	Organic	Triphenylphosphate	n/a	=	0.639	µg/L	EPA 625.1m	-88	-88			
2021/22-2	Lab	srgt method blank, rec	1/11/2022	Organic	Triphenylphosphate	n/a	=	128	%	EPA 625.1m	-88	-88	40	200	
2021/22-2	Lab	srgt LCS	1/11/2022	Organic	Triphenylphosphate	n/a	=	0.481	µg/L	EPA 625.1m	-88	-88			
2021/22-2	Lab	srgt LCS, rec	1/11/2022	Organic	Triphenylphosphate	n/a	=	96	%	EPA 625.1m	-88	-88	40	200	
2021/22-2	Lab	srgt method blank	1/11/2022	Organic	Triphenylphosphate	n/a	=	0.545	µg/L	EPA 625.1m	-88	-88			
2021/22-2	Lab	srgt method blank, rec	1/11/2022	Organic	Triphenylphosphate	n/a	=	109	%	EPA 625.1m	-88	-88	40	200	
2021/22-2	ME-CC	srgt environ	12/23/2021	Organic	Triphenylphosphate	n/a	=	59.7	µg/L	EPA 525.2	-88	-88			
2021/22-2	ME-CC	srgt environ, rec	12/23/2021	Organic	Triphenylphosphate	n/a	=	119	%	EPA 525.2	-88	-88	70	130	
2021/22-2	ME-CC	srgt environ	1/11/2022	Organic	Triphenylphosphate	n/a	=	0.678	µg/L	EPA 625.1m	-88	-88			
2021/22-2	ME-CC	srgt environ, rec	1/11/2022	Organic	Triphenylphosphate	n/a	=	136	%	EPA 625.1m	-88	-88	40	200	
2021/22-2	ME-SCR	srgt environ	12/27/2021	Organic	Triphenylphosphate	n/a	=	60.2	µg/L	EPA 525.2	-88	-88			
2021/22-2	ME-SCR	srgt environ, rec	12/27/2021	Organic	Triphenylphosphate	n/a	=	120	%	EPA 525.2	-88	-88	70	130	
2021/22-2	ME-SCR	srgt matrix spike	1/11/2022	Organic	Triphenylphosphate	n/a	=	3.57	µg/L	EPA 625.1m	-88	-88			
2021/22-2	ME-SCR	srgt matrix spike, rec	1/11/2022	Organic	Triphenylphosphate	n/a	=	143	%	EPA 625.1m	-88	-88	40	200	
2021/22-2	ME-SCR	srgt matrix spike dup	1/11/2022	Organic	Triphenylphosphate	n/a	=	3.28	µg/L	EPA 625.1m	-88	-88			
2021/22-2	ME-SCR	srgt matrix spike dup, rec	1/11/2022	Organic	Triphenylphosphate	n/a	=	131	%	EPA 625.1m	-88	-88	40	200	
2021/22-2	ME-SCR	srgt environ	1/11/2022	Organic	Triphenylphosphate	n/a	=	2.81	µg/L	EPA 625.1m	-88	-88			
2021/22-2	ME-SCR	srgt environ, rec	1/11/2022	Organic	Triphenylphosphate	n/a	=	112	%	EPA 625.1m	-88	-88	40	200	
2021/22-2	ME-VR2	srgt environ	12/22/2021	Organic	Triphenylphosphate	n/a	=	30.3	µg/L	EPA 525.2	-88	-88			
2021/22-2	ME-VR2	srgt environ, rec	12/22/2021	Organic	Triphenylphosphate	n/a	=	121	%	EPA 525.2	-88	-88	70	130	
2021/22-2	ME-VR2	srgt environ	12/28/2021	Organic	Triphenylphosphate	n/a	=	0.552	µg/L	EPA 625.1m	-88	-88			
2021/22-2	ME-VR2	srgt environ, rec	12/28/2021	Organic	Triphenylphosphate	n/a	=	110	%	EPA 625.1m	-88	-88	40	200	
2021/22-2	MO-CAM	srgt environ	12/23/2021	Organic	Triphenylphosphate	n/a	=	60	µg/L	EPA 525.2	-88	-88			
2021/22-2	MO-CAM	srgt environ, rec	12/23/2021	Organic	Triphenylphosphate	n/a	=	120	%	EPA 525.2	-88	-88	70	130	
2021/22-2	MO-CAM	srgt environ	1/11/2022	Organic	Triphenylphosphate	n/a	=	0.848	µg/L	EPA 625.1m	-88	-88			
2021/22-2	MO-CAM	srgt environ, rec	1/11/2022	Organic	Triphenylphosphate	n/a	=	170	%	EPA 625.1m	-88	-88	40	200	
2021/22-2	MO-FIL	srgt environ	12/23/2021	Organic	Triphenylphosphate	n/a	=	60.4	µg/L	EPA 525.2	-88	-88			
2021/22-2	MO-FIL	srgt environ, rec	12/23/2021	Organic	Triphenylphosphate	n/a	=	121	%	EPA 525.2	-88	-88	70	130	
2021/22-2	MO-FIL	srgt environ	12/28/2021	Organic	Triphenylphosphate	n/a	=	0.589	µg/L	EPA 625.1m	-88	-88			
2021/22-2	MO-FIL	srgt environ, rec	12/28/2021	Organic	Triphenylphosphate	n/a	=	118	%	EPA 625.1m	-88	-88	40	200	
2021/22-2	MO-HUE	srgt environ	12/22/2021	Organic	Triphenylphosphate	n/a	=	30.2	µg/L	EPA 525.2	-88	-88			
2021/22-2	MO-HUE	srgt environ, rec	12/22/2021	Organic	Triphenylphosphate	n/a	=	121	%	EPA 525.2	-88	-88	70	130	
2021/22-2	MO-HUE	srgt environ	12/28/2021	Organic	Triphenylphosphate	n/a	=	0.606	µg/L	EPA 625.1m	-88	-88			
2021/22-2	MO-HUE	srgt environ, rec	12/28/2021	Organic	Triphenylphosphate	n/a	=	121	%	EPA 625.1m	-88	-88	40	200	
2021/22-2	MO-MEI	srgt environ	12/23/2021	Organic	Triphenylphosphate	n/a	=	59.3	µg/L	EPA 525.2	-88	-88			
2021/22-2	MO-MEI	srgt environ, rec	12/23/2021	Organic	Triphenylphosphate	n/a	=	119	%	EPA 525.2	-88	-88	70	130	
2021/22-2	MO-MEI	srgt environ	12/28/2021	Organic	Triphenylphosphate	n/a	=	2.88	µg/L	EPA 625.1m	-88	-88			
2021/22-2	MO-MEI	srgt environ, rec	12/28/2021	Organic	Triphenylphosphate	n/a	=	115	%	EPA 625.1m	-88	-88	40	200	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2021/22-2	MO-MPK	srgt environ	12/23/2021	Organic	Triphenylphosphate	n/a	=	59.4	µg/L	EPA 525.2	-88	-88			
2021/22-2	MO-MPK	srgt environ, rec	12/23/2021	Organic	Triphenylphosphate	n/a	=	119	%	EPA 525.2	-88	-88	70	130	
2021/22-2	MO-MPK	srgt environ	12/28/2021	Organic	Triphenylphosphate	n/a	=	3.04	µg/L	EPA 625.1m	-88	-88			
2021/22-2	MO-MPK	srgt environ, rec	12/28/2021	Organic	Triphenylphosphate	n/a	=	122	%	EPA 625.1m	-88	-88	40	200	
2021/22-2	MO-OJA	srgt environ	12/23/2021	Organic	Triphenylphosphate	n/a	=	60.7	µg/L	EPA 525.2	-88	-88			
2021/22-2	MO-OJA	srgt environ, rec	12/23/2021	Organic	Triphenylphosphate	n/a	=	121	%	EPA 525.2	-88	-88	70	130	
2021/22-2	MO-OJA	srgt environ	12/28/2021	Organic	Triphenylphosphate	n/a	=	2.8	µg/L	EPA 625.1m	-88	-88			
2021/22-2	MO-OJA	srgt environ, rec	12/28/2021	Organic	Triphenylphosphate	n/a	=	112	%	EPA 625.1m	-88	-88	40	200	
2021/22-2	MO-OXN	srgt environ	12/28/2021	Organic	Triphenylphosphate	n/a	=	0.564	µg/L	EPA 625.1m	-88	-88			
2021/22-2	MO-OXN	srgt environ, rec	12/28/2021	Organic	Triphenylphosphate	n/a	=	113	%	EPA 625.1m	-88	-88	40	200	
2021/22-2	MO-OXN	srgt environ	12/29/2021	Organic	Triphenylphosphate	n/a	=	31.3	µg/L	EPA 525.2	-88	-88			
2021/22-2	MO-OXN	srgt environ, rec	12/29/2021	Organic	Triphenylphosphate	n/a	=	125	%	EPA 525.2	-88	-88	70	130	
2021/22-2	MO-SIM	srgt environ	12/23/2021	Organic	Triphenylphosphate	n/a	=	61.2	µg/L	EPA 525.2	-88	-88			
2021/22-2	MO-SIM	srgt environ, rec	12/23/2021	Organic	Triphenylphosphate	n/a	=	122	%	EPA 525.2	-88	-88	70	130	
2021/22-2	MO-SIM	srgt environ	12/28/2021	Organic	Triphenylphosphate	n/a	=	2.94	µg/L	EPA 625.1m	-88	-88			
2021/22-2	MO-SIM	srgt environ, rec	12/28/2021	Organic	Triphenylphosphate	n/a	=	117	%	EPA 625.1m	-88	-88	40	200	
2021/22-2	MO-SPA	srgt environ	12/23/2021	Organic	Triphenylphosphate	n/a	=	58.4	µg/L	EPA 525.2	-88	-88			
2021/22-2	MO-SPA	srgt environ, rec	12/23/2021	Organic	Triphenylphosphate	n/a	=	117	%	EPA 525.2	-88	-88	70	130	
2021/22-2	MO-SPA	srgt environ	12/28/2021	Organic	Triphenylphosphate	n/a	=	2.68	µg/L	EPA 625.1m	-88	-88			
2021/22-2	MO-SPA	srgt environ, rec	12/28/2021	Organic	Triphenylphosphate	n/a	=	107	%	EPA 625.1m	-88	-88	40	200	
2021/22-2	MO-THO	srgt environ	12/23/2021	Organic	Triphenylphosphate	n/a	=	59.7	µg/L	EPA 525.2	-88	-88			
2021/22-2	MO-THO	srgt environ, rec	12/23/2021	Organic	Triphenylphosphate	n/a	=	119	%	EPA 525.2	-88	-88	70	130	
2021/22-2	MO-THO	srgt environ	1/11/2022	Organic	Triphenylphosphate	n/a	=	0.996	µg/L	EPA 625.1m	-88	-88			
2021/22-2	MO-THO	srgt environ, rec	1/11/2022	Organic	Triphenylphosphate	n/a	=	199	%	EPA 625.1m	-88	-88	40	200	
2021/22-2	MO-VEN	srgt environ	12/23/2021	Organic	Triphenylphosphate	n/a	=	61.3	µg/L	EPA 525.2	-88	-88			
2021/22-2	MO-VEN	srgt environ, rec	12/23/2021	Organic	Triphenylphosphate	n/a	=	123	%	EPA 525.2	-88	-88	70	130	
2021/22-2	MO-VEN	srgt environ	1/11/2022	Organic	Triphenylphosphate	n/a	=	0.744	µg/L	EPA 625.1m	-88	-88			
2021/22-2	MO-VEN	srgt environ, rec	1/11/2022	Organic	Triphenylphosphate	n/a	=	149	%	EPA 625.1m	-88	-88	40	200	
2021/22-2	Lab	srgt method blank	1/13/2022	PCB	PCB 209	n/a	=	0.0878	µg/L	EPA 608.3	-88	-88			
2021/22-2	Lab	srgt method blank, rec	1/13/2022	PCB	PCB 209	n/a	=	88	%	EPA 608.3	-88	-88	33	133	
2021/22-2	Lab	srgt LCS	1/13/2022	PCB	PCB 209	n/a	=	0.0916	µg/L	EPA 608.3	-88	-88			
2021/22-2	Lab	srgt LCS, rec	1/13/2022	PCB	PCB 209	n/a	=	92	%	EPA 608.3	-88	-88	33	133	
2021/22-2	Lab	srgt LCS dup	1/13/2022	PCB	PCB 209	n/a	=	0.0914	µg/L	EPA 608.3	-88	-88			
2021/22-2	Lab	srgt LCS dup, rec	1/13/2022	PCB	PCB 209	n/a	=	91	%	EPA 608.3	-88	-88	33	133	
2021/22-2	ME-CC	srgt environ	1/13/2022	PCB	PCB 209	n/a	=	0.0456	µg/L	EPA 608.3	-88	-88			
2021/22-2	ME-CC	srgt environ, rec	1/13/2022	PCB	PCB 209	n/a	=	45	%	EPA 608.3	-88	-88	33	133	
2021/22-2	ME-SCR	srgt environ	1/13/2022	PCB	PCB 209	n/a	=	0.0665	µg/L	EPA 608.3	-88	-88			
2021/22-2	ME-SCR	srgt environ, rec	1/13/2022	PCB	PCB 209	n/a	=	60	%	EPA 608.3	-88	-88	33	133	
2021/22-2	ME-VR2	srgt environ	1/13/2022	PCB	PCB 209	n/a	=	0.043	µg/L	EPA 608.3	-88	-88			
2021/22-2	ME-VR2	srgt environ, rec	1/13/2022	PCB	PCB 209	n/a	=	42	%	EPA 608.3	-88	-88	33	133	
2021/22-2	MO-CAM	srgt environ	1/13/2022	PCB	PCB 209	n/a	=	0.0457	µg/L	EPA 608.3	-88	-88			
2021/22-2	MO-CAM	srgt environ, rec	1/13/2022	PCB	PCB 209	n/a	=	44	%	EPA 608.3	-88	-88	33	133	
2021/22-2	MO-FIL	srgt environ	1/13/2022	PCB	PCB 209	n/a	=	0.0564	µg/L	EPA 608.3	-88	-88			
2021/22-2	MO-FIL	srgt environ, rec	1/13/2022	PCB	PCB 209	n/a	=	56	%	EPA 608.3	-88	-88	33	133	
2021/22-2	MO-HUE	srgt environ	1/13/2022	PCB	PCB 209	n/a	=	0.0525	µg/L	EPA 608.3	-88	-88			
2021/22-2	MO-HUE	srgt environ, rec	1/13/2022	PCB	PCB 209	n/a	=	52	%	EPA 608.3	-88	-88	33	133	
2021/22-2	MO-MEI	srgt environ	1/13/2022	PCB	PCB 209	n/a	=	0.0421	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	
2021/22-2	MO-MEI	srgt environ, rec	1/13/2022	PCB	PCB 209	n/a	=	42	%	EPA 608.3	-88	-88	33	133	
2021/22-2	MO-MPK	srgt environ	1/13/2022	PCB	PCB 209	n/a	=	0.047	µg/L	EPA 608.3	-88	-88			
2021/22-2	MO-MPK	srgt environ, rec	1/13/2022	PCB	PCB 209	n/a	=	47	%	EPA 608.3	-88	-88	33	133	
2021/22-2	MO-OJA	srgt environ	1/13/2022	PCB	PCB 209	n/a	=	0.0478	µg/L	EPA 608.3	-88	-88			
2021/22-2	MO-OJA	srgt environ, rec	1/13/2022	PCB	PCB 209	n/a	=	47	%	EPA 608.3	-88	-88	33	133	
2021/22-2	MO-OXN	srgt environ	1/13/2022	PCB	PCB 209	n/a	=	0.044	µg/L	EPA 608.3	-88	-88			
2021/22-2	MO-OXN	srgt environ, rec	1/13/2022	PCB	PCB 209	n/a	=	44	%	EPA 608.3	-88	-88	33	133	
2021/22-2	MO-SIM	srgt environ	1/13/2022	PCB	PCB 209	n/a	=	0.0526	µg/L	EPA 608.3	-88	-88			
2021/22-2	MO-SIM	srgt environ, rec	1/13/2022	PCB	PCB 209	n/a	=	51	%	EPA 608.3	-88	-88	33	133	
2021/22-2	MO-SPA	srgt environ	1/13/2022	PCB	PCB 209	n/a	=	0.0357	µg/L	EPA 608.3	-88	-88			
2021/22-2	MO-SPA	srgt environ, rec	1/13/2022	PCB	PCB 209	n/a	=	35	%	EPA 608.3	-88	-88	33	133	
2021/22-2	MO-THO	srgt environ	1/13/2022	PCB	PCB 209	n/a	=	0.0435	µg/L	EPA 608.3	-88	-88			
2021/22-2	MO-THO	srgt environ, rec	1/13/2022	PCB	PCB 209	n/a	=	43	%	EPA 608.3	-88	-88	33	133	
2021/22-2	MO-VEN	srgt environ	1/13/2022	PCB	PCB 209	n/a	=	0.0328	µg/L	EPA 608.3	-88	-88			GN
2021/22-2	MO-VEN	srgt environ, rec	1/13/2022	PCB	PCB 209	n/a	=	32	%	EPA 608.3	-88	-88	33	133	GN
2021/22-2	Lab	method blank	1/13/2022	PCB	PCB Aroclor 1016	n/a	<	0.029	µg/L	EPA 608.3	0.029	0.5			
2021/22-2	Lab	method blank	1/13/2022	PCB	PCB Aroclor 1221	n/a	<	0.06	µg/L	EPA 608.3	0.06	0.5			
2021/22-2	Lab	method blank	1/13/2022	PCB	PCB Aroclor 1232	n/a	<	0.1	µg/L	EPA 608.3	0.1	0.5			
2021/22-2	Lab	method blank	1/13/2022	PCB	PCB Aroclor 1242	n/a	<	0.07	µg/L	EPA 608.3	0.07	0.5			
2021/22-2	Lab	method blank	1/13/2022	PCB	PCB Aroclor 1248	n/a	<	0.06	µg/L	EPA 608.3	0.06	0.5			
2021/22-2	Lab	method blank	1/13/2022	PCB	PCB Aroclor 1254	n/a	<	0.04	µg/L	EPA 608.3	0.04	0.5			
2021/22-2	Lab	method blank	1/13/2022	PCB	PCB Aroclor 1260	n/a	<	0.055	µg/L	EPA 608.3	0.055	0.5			
2021/22-2	000NONPJ	matrix spike	1/6/2022	Pesticide	2,4,5-T	n/a	=	4.68	µg/L	EPA 515.4	0.03	0.2			
2021/22-2	000NONPJ	matrix spike, rec	1/6/2022	Pesticide	2,4,5-T	n/a	=	117	%	EPA 515.4	-88	-88	70	130	
2021/22-2	000NONPJ	matrix spike dup	1/6/2022	Pesticide	2,4,5-T	n/a	=	3.9	µg/L	EPA 515.4	0.03	0.2			
2021/22-2	000NONPJ	matrix spike dup, rec	1/6/2022	Pesticide	2,4,5-T	n/a	=	97	%	EPA 515.4	-88	-88	70	130	
2021/22-2	000NONPJ	matrix spike, RPD	1/6/2022	Pesticide	2,4,5-T	n/a	=	18	%	EPA 515.4	-88	-88	0	30	
2021/22-2	Lab	method blank	1/6/2022	Pesticide	2,4,5-T	n/a	<	0.03	µg/L	EPA 515.4	0.03	0.2			
2021/22-2	Lab	LCS	1/6/2022	Pesticide	2,4,5-T	n/a	=	4.06	µg/L	EPA 515.4	0.03	0.2			
2021/22-2	Lab	LCS, rec	1/6/2022	Pesticide	2,4,5-T	n/a	=	102	%	EPA 515.4	-88	-88	70	130	
2021/22-2	000NONPJ	matrix spike	1/6/2022	Pesticide	2,4,5-TP	n/a	=	4.15	µg/L	EPA 515.4	0.026	0.2			
2021/22-2	000NONPJ	matrix spike, rec	1/6/2022	Pesticide	2,4,5-TP	n/a	=	104	%	EPA 515.4	-88	-88	70	130	
2021/22-2	000NONPJ	matrix spike dup	1/6/2022	Pesticide	2,4,5-TP	n/a	=	4.18	µg/L	EPA 515.4	0.026	0.2			
2021/22-2	000NONPJ	matrix spike dup, rec	1/6/2022	Pesticide	2,4,5-TP	n/a	=	105	%	EPA 515.4	-88	-88	70	130	
2021/22-2	000NONPJ	matrix spike, RPD	1/6/2022	Pesticide	2,4,5-TP	n/a	=	0.7	%	EPA 515.4	-88	-88	0	30	
2021/22-2	Lab	method blank	1/6/2022	Pesticide	2,4,5-TP	n/a	<	0.026	µg/L	EPA 515.4	0.026	0.2			
2021/22-2	Lab	LCS	1/6/2022	Pesticide	2,4,5-TP	n/a	=	4.06	µg/L	EPA 515.4	0.026	0.2			
2021/22-2	Lab	LCS, rec	1/6/2022	Pesticide	2,4,5-TP	n/a	=	101	%	EPA 515.4	-88	-88	70	130	
2021/22-2	000NONPJ	matrix spike	1/6/2022	Pesticide	2,4-D	n/a	=	8.57	µg/L	EPA 515.4	0.14	0.4			
2021/22-2	000NONPJ	matrix spike, rec	1/6/2022	Pesticide	2,4-D	n/a	=	107	%	EPA 515.4	-88	-88	70	130	
2021/22-2	000NONPJ	matrix spike dup	1/6/2022	Pesticide	2,4-D	n/a	=	8.3	µg/L	EPA 515.4	0.14	0.4			
2021/22-2	000NONPJ	matrix spike dup, rec	1/6/2022	Pesticide	2,4-D	n/a	=	104	%	EPA 515.4	-88	-88	70	130	
2021/22-2	000NONPJ	matrix spike, RPD	1/6/2022	Pesticide	2,4-D	n/a	=	3	%	EPA 515.4	-88	-88	0	30	
2021/22-2	Lab	method blank	1/6/2022	Pesticide	2,4-D	n/a	<	0.14	µg/L	EPA 515.4	0.14	0.4			
2021/22-2	Lab	LCS	1/6/2022	Pesticide	2,4-D	n/a	=	7.74	µg/L	EPA 515.4	0.14	0.4			
2021/22-2	Lab	LCS, rec	1/6/2022	Pesticide	2,4-D	n/a	=	97	%	EPA 515.4	-88	-88	70	130	
2021/22-2	000NONPJ	matrix spike	1/6/2022	Pesticide	2,4-DB	n/a	=	16.2	µg/L	EPA 515.4	0.19	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	
2021/22-2	000NONPJ	matrix spike, rec	1/6/2022	Pesticide	2,4-DB	n/a	=	101	%	EPA 515.4	-88	-88	70	130	
2021/22-2	000NONPJ	matrix spike dup	1/6/2022	Pesticide	2,4-DB	n/a	=	15.8	µg/L	EPA 515.4	0.19	2			
2021/22-2	000NONPJ	matrix spike dup, rec	1/6/2022	Pesticide	2,4-DB	n/a	=	99	%	EPA 515.4	-88	-88	70	130	
2021/22-2	000NONPJ	matrix spike, RPD	1/6/2022	Pesticide	2,4-DB	n/a	=	2	%	EPA 515.4	-88	-88	0	30	
2021/22-2	Lab	method blank	1/6/2022	Pesticide	2,4-DB	n/a	<	0.19	µg/L	EPA 515.4	0.19	2			
2021/22-2	Lab	LCS	1/6/2022	Pesticide	2,4-DB	n/a	=	17.1	µg/L	EPA 515.4	0.19	2			
2021/22-2	Lab	LCS, rec	1/6/2022	Pesticide	2,4-DB	n/a	=	107	%	EPA 515.4	-88	-88	70	130	
2021/22-2	000NONPJ	matrix spike	1/6/2022	Pesticide	3,5-Dichlorobenzoic acid	n/a	=	8.64	µg/L	EPA 515.4	0.12	1			
2021/22-2	000NONPJ	matrix spike, rec	1/6/2022	Pesticide	3,5-Dichlorobenzoic acid	n/a	=	108	%	EPA 515.4	-88	-88	70	130	
2021/22-2	000NONPJ	matrix spike dup	1/6/2022	Pesticide	3,5-Dichlorobenzoic acid	n/a	=	8.62	µg/L	EPA 515.4	0.12	1			
2021/22-2	000NONPJ	matrix spike dup, rec	1/6/2022	Pesticide	3,5-Dichlorobenzoic acid	n/a	=	108	%	EPA 515.4	-88	-88	70	130	
2021/22-2	000NONPJ	matrix spike, RPD	1/6/2022	Pesticide	3,5-Dichlorobenzoic acid	n/a	=	0.2	%	EPA 515.4	-88	-88	0	30	
2021/22-2	Lab	method blank	1/6/2022	Pesticide	3,5-Dichlorobenzoic acid	n/a	<	0.12	µg/L	EPA 515.4	0.12	1			
2021/22-2	Lab	LCS	1/6/2022	Pesticide	3,5-Dichlorobenzoic acid	n/a	=	8.59	µg/L	EPA 515.4	0.12	1			
2021/22-2	Lab	LCS, rec	1/6/2022	Pesticide	3,5-Dichlorobenzoic acid	n/a	=	107	%	EPA 515.4	-88	-88	70	130	
2021/22-2	Lab	method blank	1/13/2022	Pesticide	4,4'-DDD	n/a	<	0.0007	µg/L	EPA 608.3	0.0007	0.05			
2021/22-2	Lab	LCS	1/13/2022	Pesticide	4,4'-DDD	n/a	=	0.102	µg/L	EPA 608.3	0.0007	0.05			
2021/22-2	Lab	LCS, rec	1/13/2022	Pesticide	4,4'-DDD	n/a	=	102	%	EPA 608.3	-88	-88	48	130	
2021/22-2	Lab	LCS dup	1/13/2022	Pesticide	4,4'-DDD	n/a	=	0.0893	µg/L	EPA 608.3	0.0007	0.05			
2021/22-2	Lab	LCS dup, rec	1/13/2022	Pesticide	4,4'-DDD	n/a	=	89	%	EPA 608.3	-88	-88	48	130	
2021/22-2	Lab	LCS, RPD	1/13/2022	Pesticide	4,4'-DDD	n/a	=	13	%	EPA 608.3	-88	-88	0	30	
2021/22-2	Lab	method blank	1/13/2022	Pesticide	4,4'-DDE	n/a	<	0.0007	µg/L	EPA 608.3	0.0007	0.05			
2021/22-2	Lab	LCS	1/13/2022	Pesticide	4,4'-DDE	n/a	=	0.106	µg/L	EPA 608.3	0.0007	0.05			
2021/22-2	Lab	LCS, rec	1/13/2022	Pesticide	4,4'-DDE	n/a	=	106	%	EPA 608.3	-88	-88	54	130	
2021/22-2	Lab	LCS dup	1/13/2022	Pesticide	4,4'-DDE	n/a	=	0.103	µg/L	EPA 608.3	0.0007	0.05			
2021/22-2	Lab	LCS dup, rec	1/13/2022	Pesticide	4,4'-DDE	n/a	=	103	%	EPA 608.3	-88	-88	54	130	
2021/22-2	Lab	LCS, RPD	1/13/2022	Pesticide	4,4'-DDE	n/a	=	3	%	EPA 608.3	-88	-88	0	30	
2021/22-2	Lab	method blank	1/13/2022	Pesticide	4,4'-DDT	n/a	<	0.0011	µg/L	EPA 608.3	0.0011	0.01			
2021/22-2	Lab	LCS	1/13/2022	Pesticide	4,4'-DDT	n/a	=	0.123	µg/L	EPA 608.3	0.0011	0.01			
2021/22-2	Lab	LCS, rec	1/13/2022	Pesticide	4,4'-DDT	n/a	=	123	%	EPA 608.3	-88	-88	46	137	
2021/22-2	Lab	LCS dup	1/13/2022	Pesticide	4,4'-DDT	n/a	=	0.122	µg/L	EPA 608.3	0.0011	0.01			
2021/22-2	Lab	LCS dup, rec	1/13/2022	Pesticide	4,4'-DDT	n/a	=	122	%	EPA 608.3	-88	-88	46	137	
2021/22-2	Lab	LCS, RPD	1/13/2022	Pesticide	4,4'-DDT	n/a	=	0.9	%	EPA 608.3	-88	-88	0	30	
2021/22-2	000NONPJ	matrix spike	1/6/2022	Pesticide	Acifluorfen	n/a	=	4.59	µg/L	EPA 515.4	0.03	0.4			
2021/22-2	000NONPJ	matrix spike, rec	1/6/2022	Pesticide	Acifluorfen	n/a	=	115	%	EPA 515.4	-88	-88	70	130	
2021/22-2	000NONPJ	matrix spike dup	1/6/2022	Pesticide	Acifluorfen	n/a	=	4.98	µg/L	EPA 515.4	0.03	0.4			
2021/22-2	000NONPJ	matrix spike dup, rec	1/6/2022	Pesticide	Acifluorfen	n/a	=	124	%	EPA 515.4	-88	-88	70	130	
2021/22-2	000NONPJ	matrix spike, RPD	1/6/2022	Pesticide	Acifluorfen	n/a	=	8	%	EPA 515.4	-88	-88	0	30	
2021/22-2	Lab	method blank	1/6/2022	Pesticide	Acifluorfen	n/a	<	0.03	µg/L	EPA 515.4	0.03	0.4			
2021/22-2	Lab	LCS	1/6/2022	Pesticide	Acifluorfen	n/a	=	4.15	µg/L	EPA 515.4	0.03	0.4			
2021/22-2	Lab	LCS, rec	1/6/2022	Pesticide	Acifluorfen	n/a	=	104	%	EPA 515.4	-88	-88	70	130	
2021/22-2	Lab	method blank	12/22/2021	Pesticide	Alachlor	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1			
2021/22-2	Lab	LCS	12/22/2021	Pesticide	Alachlor	n/a	=	12.3	µg/L	EPA 525.2	0.03	0.1			
2021/22-2	Lab	LCS, rec	12/22/2021	Pesticide	Alachlor	n/a	=	123	%	EPA 525.2	-88	-88	70	130	
2021/22-2	Lab	LCS dup	12/22/2021	Pesticide	Alachlor	n/a	=	12.6	µg/L	EPA 525.2	0.03	0.1			
2021/22-2	Lab	LCS dup, rec	12/22/2021	Pesticide	Alachlor	n/a	=	126	%	EPA 525.2	-88	-88	70	130	
2021/22-2	Lab	LCS, RPD	12/22/2021	Pesticide	Alachlor	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	
2021/22-2	Lab	method blank	12/23/2021	Pesticide	Alachlor	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1			
2021/22-2	Lab	LCS	12/23/2021	Pesticide	Alachlor	n/a	=	9.25	µg/L	EPA 525.2	0.03	0.1			
2021/22-2	Lab	LCS, rec	12/23/2021	Pesticide	Alachlor	n/a	=	123	%	EPA 525.2	-88	-88	70	130	
2021/22-2	Lab	LCS dup	12/23/2021	Pesticide	Alachlor	n/a	=	9.53	µg/L	EPA 525.2	0.03	0.1			
2021/22-2	Lab	LCS dup, rec	12/23/2021	Pesticide	Alachlor	n/a	=	127	%	EPA 525.2	-88	-88	70	130	
2021/22-2	Lab	LCS, RPD	12/23/2021	Pesticide	Alachlor	n/a	=	3	%	EPA 525.2	-88	-88	0	30	
2021/22-2	Lab	method blank	12/27/2021	Pesticide	Alachlor	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1			
2021/22-2	Lab	LCS	12/27/2021	Pesticide	Alachlor	n/a	=	9.4	µg/L	EPA 525.2	0.03	0.1			
2021/22-2	Lab	LCS, rec	12/27/2021	Pesticide	Alachlor	n/a	=	125	%	EPA 525.2	-88	-88	70	130	
2021/22-2	Lab	LCS dup	12/27/2021	Pesticide	Alachlor	n/a	=	9.68	µg/L	EPA 525.2	0.03	0.1			
2021/22-2	Lab	LCS dup, rec	12/27/2021	Pesticide	Alachlor	n/a	=	129	%	EPA 525.2	-88	-88	70	130	
2021/22-2	Lab	LCS, RPD	12/27/2021	Pesticide	Alachlor	n/a	=	3	%	EPA 525.2	-88	-88	0	30	
2021/22-2	Lab	method blank	12/29/2021	Pesticide	Alachlor	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1			
2021/22-2	Lab	LCS	12/29/2021	Pesticide	Alachlor	n/a	=	8.47	µg/L	EPA 525.2	0.03	0.1			
2021/22-2	Lab	LCS, rec	12/29/2021	Pesticide	Alachlor	n/a	=	113	%	EPA 525.2	-88	-88	70	130	
2021/22-2	Lab	LCS dup	12/29/2021	Pesticide	Alachlor	n/a	=	8.8	µg/L	EPA 525.2	0.03	0.1			
2021/22-2	Lab	LCS dup, rec	12/29/2021	Pesticide	Alachlor	n/a	=	117	%	EPA 525.2	-88	-88	70	130	
2021/22-2	Lab	LCS, RPD	12/29/2021	Pesticide	Alachlor	n/a	=	4	%	EPA 525.2	-88	-88	0	30	
2021/22-2	Lab	method blank	1/13/2022	Pesticide	Aldrin	n/a	<	0.001	µg/L	EPA 608.3	0.001	0.005			
2021/22-2	Lab	LCS	1/13/2022	Pesticide	Aldrin	n/a	=	0.0998	µg/L	EPA 608.3	0.001	0.005			
2021/22-2	Lab	LCS, rec	1/13/2022	Pesticide	Aldrin	n/a	=	100	%	EPA 608.3	-88	-88	54	130	
2021/22-2	Lab	LCS dup	1/13/2022	Pesticide	Aldrin	n/a	=	0.0936	µg/L	EPA 608.3	0.001	0.005			
2021/22-2	Lab	LCS dup, rec	1/13/2022	Pesticide	Aldrin	n/a	=	94	%	EPA 608.3	-88	-88	54	130	
2021/22-2	Lab	LCS, RPD	1/13/2022	Pesticide	Aldrin	n/a	=	6	%	EPA 608.3	-88	-88	0	30	
2021/22-2	Lab	method blank	1/13/2022	Pesticide	alpha-BHC	n/a	<	0.0011	µg/L	EPA 608.3	0.0011	0.01			
2021/22-2	Lab	LCS	1/13/2022	Pesticide	alpha-BHC	n/a	=	0.1	µg/L	EPA 608.3	0.0011	0.01			
2021/22-2	Lab	LCS, rec	1/13/2022	Pesticide	alpha-BHC	n/a	=	100	%	EPA 608.3	-88	-88	49	130	
2021/22-2	Lab	LCS dup	1/13/2022	Pesticide	alpha-BHC	n/a	=	0.0958	µg/L	EPA 608.3	0.0011	0.01			
2021/22-2	Lab	LCS dup, rec	1/13/2022	Pesticide	alpha-BHC	n/a	=	96	%	EPA 608.3	-88	-88	49	130	
2021/22-2	Lab	LCS, RPD	1/13/2022	Pesticide	alpha-BHC	n/a	=	4	%	EPA 608.3	-88	-88	0	30	
2021/22-2	Lab	method blank	1/13/2022	Pesticide	alpha-Chlordane	n/a	<	0.0029	µg/L	EPA 608.3	0.0029	0.01			
2021/22-2	Lab	method blank	12/22/2021	Pesticide	Atrazine	n/a	<	0.011	µg/L	EPA 525.2	0.011	0.1			
2021/22-2	Lab	LCS	12/22/2021	Pesticide	Atrazine	n/a	=	6.09	µg/L	EPA 525.2	0.011	0.1			
2021/22-2	Lab	LCS, rec	12/22/2021	Pesticide	Atrazine	n/a	=	122	%	EPA 525.2	-88	-88	70	130	
2021/22-2	Lab	LCS dup	12/22/2021	Pesticide	Atrazine	n/a	=	6.19	µg/L	EPA 525.2	0.011	0.1			
2021/22-2	Lab	LCS dup, rec	12/22/2021	Pesticide	Atrazine	n/a	=	124	%	EPA 525.2	-88	-88	70	130	
2021/22-2	Lab	LCS, RPD	12/22/2021	Pesticide	Atrazine	n/a	=	2	%	EPA 525.2	-88	-88	0	30	
2021/22-2	Lab	method blank	12/23/2021	Pesticide	Atrazine	n/a	<	0.011	µg/L	EPA 525.2	0.011	0.1			
2021/22-2	Lab	LCS	12/23/2021	Pesticide	Atrazine	n/a	=	6.42	µg/L	EPA 525.2	0.011	0.1			
2021/22-2	Lab	LCS, rec	12/23/2021	Pesticide	Atrazine	n/a	=	128	%	EPA 525.2	-88	-88	70	130	
2021/22-2	Lab	LCS dup	12/23/2021	Pesticide	Atrazine	n/a	=	6.33	µg/L	EPA 525.2	0.011	0.1			
2021/22-2	Lab	LCS dup, rec	12/23/2021	Pesticide	Atrazine	n/a	=	127	%	EPA 525.2	-88	-88	70	130	
2021/22-2	Lab	LCS, RPD	12/23/2021	Pesticide	Atrazine	n/a	=	2	%	EPA 525.2	-88	-88	0	30	
2021/22-2	Lab	method blank	12/27/2021	Pesticide	Atrazine	n/a	<	0.011	µg/L	EPA 525.2	0.011	0.1			
2021/22-2	Lab	LCS	12/27/2021	Pesticide	Atrazine	n/a	=	6.46	µg/L	EPA 525.2	0.011	0.1			
2021/22-2	Lab	LCS, rec	12/27/2021	Pesticide	Atrazine	n/a	=	129	%	EPA 525.2	-88	-88	70	130	
2021/22-2	Lab	LCS dup	12/27/2021	Pesticide	Atrazine	n/a	=	6.23	µg/L	EPA 525.2	0.011	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	
2021/22-2	Lab	LCS dup, rec	12/27/2021	Pesticide	Atrazine	n/a	=	125	%	EPA 525.2	-88	-88	70	130	
2021/22-2	Lab	LCS, RPD	12/27/2021	Pesticide	Atrazine	n/a	=	4	%	EPA 525.2	-88	-88	0	30	
2021/22-2	Lab	method blank	12/29/2021	Pesticide	Atrazine	n/a	<	0.011	µg/L	EPA 525.2	0.011	0.1			
2021/22-2	Lab	LCS	12/29/2021	Pesticide	Atrazine	n/a	=	5.99	µg/L	EPA 525.2	0.011	0.1			
2021/22-2	Lab	LCS, rec	12/29/2021	Pesticide	Atrazine	n/a	=	120	%	EPA 525.2	-88	-88	70	130	
2021/22-2	Lab	LCS dup	12/29/2021	Pesticide	Atrazine	n/a	=	6.11	µg/L	EPA 525.2	0.011	0.1			
2021/22-2	Lab	LCS dup, rec	12/29/2021	Pesticide	Atrazine	n/a	=	122	%	EPA 525.2	-88	-88	70	130	
2021/22-2	Lab	LCS, RPD	12/29/2021	Pesticide	Atrazine	n/a	=	2	%	EPA 525.2	-88	-88	0	30	
2021/22-2	000NONPJ	matrix spike	12/28/2021	Pesticide	Azinphos methyl	n/a	=	0.0829	µg/L	EPA 625.1m	0.0055	0.01			GB
2021/22-2	000NONPJ	matrix spike, rec	12/28/2021	Pesticide	Azinphos methyl	n/a	=	166	%	EPA 625.1m	-88	-88	0.1	153	GB
2021/22-2	000NONPJ	matrix spike dup	12/28/2021	Pesticide	Azinphos methyl	n/a	=	0.0829	µg/L	EPA 625.1m	0.0055	0.01			GB
2021/22-2	000NONPJ	matrix spike dup, rec	12/28/2021	Pesticide	Azinphos methyl	n/a	=	166	%	EPA 625.1m	-88	-88	0.1	153	GB
2021/22-2	000NONPJ	matrix spike, RPD	12/28/2021	Pesticide	Azinphos methyl	n/a	=	0.03	%	EPA 625.1m	-88	-88	0	30	GB
2021/22-2	Lab	LCS	12/28/2021	Pesticide	Azinphos methyl	n/a	=	0.0545	µg/L	EPA 625.1m	0.0055	0.01			
2021/22-2	Lab	LCS, rec	12/28/2021	Pesticide	Azinphos methyl	n/a	=	109	%	EPA 625.1m	-88	-88	47	200	
2021/22-2	Lab	method blank	12/28/2021	Pesticide	Azinphos methyl	n/a	<	0.0055	µg/L	EPA 625.1m	0.0055	0.01			
2021/22-2	Lab	LCS	1/11/2022	Pesticide	Azinphos methyl	n/a	=	0.0763	µg/L	EPA 625.1m	0.0055	0.01			
2021/22-2	Lab	LCS, rec	1/11/2022	Pesticide	Azinphos methyl	n/a	=	153	%	EPA 625.1m	-88	-88	47	200	
2021/22-2	Lab	method blank	1/11/2022	Pesticide	Azinphos methyl	n/a	<	0.0055	µg/L	EPA 625.1m	0.0055	0.01			
2021/22-2	Lab	LCS	1/11/2022	Pesticide	Azinphos methyl	n/a	=	0.063	µg/L	EPA 625.1m	0.0055	0.01			
2021/22-2	Lab	LCS, rec	1/11/2022	Pesticide	Azinphos methyl	n/a	=	126	%	EPA 625.1m	-88	-88	47	200	
2021/22-2	Lab	method blank	1/11/2022	Pesticide	Azinphos methyl	n/a	<	0.0055	µg/L	EPA 625.1m	0.0055	0.01			
2021/22-2	ME-SCR	matrix spike	1/11/2022	Pesticide	Azinphos methyl	n/a	=	0.397	µg/L	EPA 625.1m	0.028	0.05			GB
2021/22-2	ME-SCR	matrix spike, rec	1/11/2022	Pesticide	Azinphos methyl	n/a	=	159	%	EPA 625.1m	-88	-88	0.1	153	GB
2021/22-2	ME-SCR	matrix spike dup	1/11/2022	Pesticide	Azinphos methyl	n/a	=	0.451	µg/L	EPA 625.1m	0.028	0.05			GB
2021/22-2	ME-SCR	matrix spike dup, rec	1/11/2022	Pesticide	Azinphos methyl	n/a	=	180	%	EPA 625.1m	-88	-88	0.1	153	GB
2021/22-2	ME-SCR	matrix spike, RPD	1/11/2022	Pesticide	Azinphos methyl	n/a	=	13	%	EPA 625.1m	-88	-88	0	30	GB
2021/22-2	000NONPJ	matrix spike	1/6/2022	Pesticide	Bentazon	n/a	=	14.5	µg/L	EPA 515.4	0.23	2			
2021/22-2	000NONPJ	matrix spike, rec	1/6/2022	Pesticide	Bentazon	n/a	=	91	%	EPA 515.4	-88	-88	70	130	
2021/22-2	000NONPJ	matrix spike dup	1/6/2022	Pesticide	Bentazon	n/a	=	17.3	µg/L	EPA 515.4	0.23	2			
2021/22-2	000NONPJ	matrix spike dup, rec	1/6/2022	Pesticide	Bentazon	n/a	=	108	%	EPA 515.4	-88	-88	70	130	
2021/22-2	000NONPJ	matrix spike, RPD	1/6/2022	Pesticide	Bentazon	n/a	=	17	%	EPA 515.4	-88	-88	0	30	
2021/22-2	Lab	method blank	1/6/2022	Pesticide	Bentazon	n/a	<	0.23	µg/L	EPA 515.4	0.23	2			
2021/22-2	Lab	LCS	1/6/2022	Pesticide	Bentazon	n/a	=	16.2	µg/L	EPA 515.4	0.23	2			
2021/22-2	Lab	LCS, rec	1/6/2022	Pesticide	Bentazon	n/a	=	101	%	EPA 515.4	-88	-88	70	130	
2021/22-2	Lab	method blank	1/13/2022	Pesticide	beta-BHC	n/a	<	0.0015	µg/L	EPA 608.3	0.0015	0.005			
2021/22-2	Lab	LCS	1/13/2022	Pesticide	beta-BHC	n/a	=	0.0995	µg/L	EPA 608.3	0.0015	0.005			
2021/22-2	Lab	LCS, rec	1/13/2022	Pesticide	beta-BHC	n/a	=	100	%	EPA 608.3	-88	-88	39	130	
2021/22-2	Lab	LCS dup	1/13/2022	Pesticide	beta-BHC	n/a	=	0.099	µg/L	EPA 608.3	0.0015	0.005			
2021/22-2	Lab	LCS dup, rec	1/13/2022	Pesticide	beta-BHC	n/a	=	99	%	EPA 608.3	-88	-88	39	130	
2021/22-2	Lab	LCS, RPD	1/13/2022	Pesticide	beta-BHC	n/a	=	0.5	%	EPA 608.3	-88	-88	0	30	
2021/22-2	000NONPJ	matrix spike	12/28/2021	Pesticide	Bolstar	n/a	=	0.0468	µg/L	EPA 625.1m	0.0046	0.01			
2021/22-2	000NONPJ	matrix spike, rec	12/28/2021	Pesticide	Bolstar	n/a	=	94	%	EPA 625.1m	-88	-88	22	160	
2021/22-2	000NONPJ	matrix spike dup	12/28/2021	Pesticide	Bolstar	n/a	=	0.0451	µg/L	EPA 625.1m	0.0046	0.01			
2021/22-2	000NONPJ	matrix spike dup, rec	12/28/2021	Pesticide	Bolstar	n/a	=	90	%	EPA 625.1m	-88	-88	22	160	
2021/22-2	000NONPJ	matrix spike, RPD	12/28/2021	Pesticide	Bolstar	n/a	=	4	%	EPA 625.1m	-88	-88	0	30	
2021/22-2	Lab	LCS	12/28/2021	Pesticide	Bolstar	n/a	=	0.0479	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	
2021/22-2	Lab	LCS, rec	12/28/2021	Pesticide	Bolstar	n/a	=	96	%	EPA 625.1m	-88	-88	27	162	
2021/22-2	Lab	method blank	12/28/2021	Pesticide	Bolstar	n/a	<	0.0046	µg/L	EPA 625.1m	0.0046	0.01			
2021/22-2	Lab	LCS	1/11/2022	Pesticide	Bolstar	n/a	=	0.0436	µg/L	EPA 625.1m	0.0046	0.01			
2021/22-2	Lab	LCS, rec	1/11/2022	Pesticide	Bolstar	n/a	=	87	%	EPA 625.1m	-88	-88	27	162	
2021/22-2	Lab	method blank	1/11/2022	Pesticide	Bolstar	n/a	<	0.0046	µg/L	EPA 625.1m	0.0046	0.01			
2021/22-2	Lab	LCS	1/11/2022	Pesticide	Bolstar	n/a	=	0.0482	µg/L	EPA 625.1m	0.0046	0.01			
2021/22-2	Lab	LCS, rec	1/11/2022	Pesticide	Bolstar	n/a	=	96	%	EPA 625.1m	-88	-88	27	162	
2021/22-2	Lab	method blank	1/11/2022	Pesticide	Bolstar	n/a	<	0.0046	µg/L	EPA 625.1m	0.0046	0.01			
2021/22-2	ME-SCR	matrix spike	1/11/2022	Pesticide	Bolstar	n/a	=	0.255	µg/L	EPA 625.1m	0.023	0.05			
2021/22-2	ME-SCR	matrix spike, rec	1/11/2022	Pesticide	Bolstar	n/a	=	102	%	EPA 625.1m	-88	-88	22	160	
2021/22-2	ME-SCR	matrix spike dup	1/11/2022	Pesticide	Bolstar	n/a	=	0.239	µg/L	EPA 625.1m	0.023	0.05			
2021/22-2	ME-SCR	matrix spike dup, rec	1/11/2022	Pesticide	Bolstar	n/a	=	96	%	EPA 625.1m	-88	-88	22	160	
2021/22-2	ME-SCR	matrix spike, RPD	1/11/2022	Pesticide	Bolstar	n/a	=	7	%	EPA 625.1m	-88	-88	0	30	
2021/22-2	Lab	method blank	12/22/2021	Pesticide	Bromacil	n/a	<	0.07	µg/L	EPA 525.2	0.07	0.5			
2021/22-2	Lab	LCS	12/22/2021	Pesticide	Bromacil	n/a	=	6.05	µg/L	EPA 525.2	0.07	0.5			
2021/22-2	Lab	LCS, rec	12/22/2021	Pesticide	Bromacil	n/a	=	121	%	EPA 525.2	-88	-88	70	130	
2021/22-2	Lab	LCS dup	12/22/2021	Pesticide	Bromacil	n/a	=	5.95	µg/L	EPA 525.2	0.07	0.5			
2021/22-2	Lab	LCS dup, rec	12/22/2021	Pesticide	Bromacil	n/a	=	119	%	EPA 525.2	-88	-88	70	130	
2021/22-2	Lab	LCS, RPD	12/22/2021	Pesticide	Bromacil	n/a	=	2	%	EPA 525.2	-88	-88	0	30	
2021/22-2	Lab	method blank	12/23/2021	Pesticide	Bromacil	n/a	<	0.07	µg/L	EPA 525.2	0.07	0.5			
2021/22-2	Lab	LCS	12/23/2021	Pesticide	Bromacil	n/a	=	5.97	µg/L	EPA 525.2	0.07	0.5			
2021/22-2	Lab	LCS, rec	12/23/2021	Pesticide	Bromacil	n/a	=	119	%	EPA 525.2	-88	-88	70	130	
2021/22-2	Lab	LCS dup	12/23/2021	Pesticide	Bromacil	n/a	=	6.13	µg/L	EPA 525.2	0.07	0.5			
2021/22-2	Lab	LCS dup, rec	12/23/2021	Pesticide	Bromacil	n/a	=	123	%	EPA 525.2	-88	-88	70	130	
2021/22-2	Lab	LCS, RPD	12/23/2021	Pesticide	Bromacil	n/a	=	3	%	EPA 525.2	-88	-88	0	30	
2021/22-2	Lab	method blank	12/27/2021	Pesticide	Bromacil	n/a	<	0.07	µg/L	EPA 525.2	0.07	0.5			
2021/22-2	Lab	LCS	12/27/2021	Pesticide	Bromacil	n/a	=	6.23	µg/L	EPA 525.2	0.07	0.5			
2021/22-2	Lab	LCS, rec	12/27/2021	Pesticide	Bromacil	n/a	=	125	%	EPA 525.2	-88	-88	70	130	
2021/22-2	Lab	LCS dup	12/27/2021	Pesticide	Bromacil	n/a	=	6.31	µg/L	EPA 525.2	0.07	0.5			
2021/22-2	Lab	LCS dup, rec	12/27/2021	Pesticide	Bromacil	n/a	=	126	%	EPA 525.2	-88	-88	70	130	
2021/22-2	Lab	LCS, RPD	12/27/2021	Pesticide	Bromacil	n/a	=	1	%	EPA 525.2	-88	-88	0	30	
2021/22-2	Lab	method blank	12/29/2021	Pesticide	Bromacil	n/a	<	0.07	µg/L	EPA 525.2	0.07	0.5			
2021/22-2	Lab	LCS	12/29/2021	Pesticide	Bromacil	n/a	=	5.61	µg/L	EPA 525.2	0.07	0.5			
2021/22-2	Lab	LCS, rec	12/29/2021	Pesticide	Bromacil	n/a	=	112	%	EPA 525.2	-88	-88	70	130	
2021/22-2	Lab	LCS dup	12/29/2021	Pesticide	Bromacil	n/a	=	5.98	µg/L	EPA 525.2	0.07	0.5			
2021/22-2	Lab	LCS dup, rec	12/29/2021	Pesticide	Bromacil	n/a	=	120	%	EPA 525.2	-88	-88	70	130	
2021/22-2	Lab	LCS, RPD	12/29/2021	Pesticide	Bromacil	n/a	=	6	%	EPA 525.2	-88	-88	0	30	
2021/22-2	Lab	method blank	12/22/2021	Pesticide	Butachlor	n/a	<	0.012	µg/L	EPA 525.2	0.012	0.1			
2021/22-2	Lab	LCS	12/22/2021	Pesticide	Butachlor	n/a	=	6.34	µg/L	EPA 525.2	0.012	0.1			
2021/22-2	Lab	LCS, rec	12/22/2021	Pesticide	Butachlor	n/a	=	127	%	EPA 525.2	-88	-88	70	130	
2021/22-2	Lab	LCS dup	12/22/2021	Pesticide	Butachlor	n/a	=	6.53	µg/L	EPA 525.2	0.012	0.1			EUM
2021/22-2	Lab	LCS dup, rec	12/22/2021	Pesticide	Butachlor	n/a	=	131	%	EPA 525.2	-88	-88	70	130	EUM
2021/22-2	Lab	LCS, RPD	12/22/2021	Pesticide	Butachlor	n/a	=	3	%	EPA 525.2	-88	-88	0	30	EUM
2021/22-2	Lab	method blank	12/23/2021	Pesticide	Butachlor	n/a	<	0.012	µg/L	EPA 525.2	0.012	0.1			
2021/22-2	Lab	LCS	12/23/2021	Pesticide	Butachlor	n/a	=	5.96	µg/L	EPA 525.2	0.012	0.1			
2021/22-2	Lab	LCS, rec	12/23/2021	Pesticide	Butachlor	n/a	=	119	%	EPA 525.2	-88	-88	70	130	
2021/22-2	Lab	LCS dup	12/23/2021	Pesticide	Butachlor	n/a	=	6.16	µg/L	EPA 525.2	0.012	0.1			

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2021/22-2	Lab	LCS dup, rec	12/23/2021	Pesticide	Butachlor	n/a	=	123	%	EPA 525.2	-88	-88	70	130	
2021/22-2	Lab	LCS, RPD	12/23/2021	Pesticide	Butachlor	n/a	=	3	%	EPA 525.2	-88	-88	0	30	
2021/22-2	Lab	method blank	12/27/2021	Pesticide	Butachlor	n/a	<	0.012	µg/L	EPA 525.2	0.012	0.1			
2021/22-2	Lab	LCS	12/27/2021	Pesticide	Butachlor	n/a	=	5.97	µg/L	EPA 525.2	0.012	0.1			
2021/22-2	Lab	LCS, rec	12/27/2021	Pesticide	Butachlor	n/a	=	119	%	EPA 525.2	-88	-88	70	130	
2021/22-2	Lab	LCS dup	12/27/2021	Pesticide	Butachlor	n/a	=	6.19	µg/L	EPA 525.2	0.012	0.1			
2021/22-2	Lab	LCS dup, rec	12/27/2021	Pesticide	Butachlor	n/a	=	124	%	EPA 525.2	-88	-88	70	130	
2021/22-2	Lab	LCS, RPD	12/27/2021	Pesticide	Butachlor	n/a	=	4	%	EPA 525.2	-88	-88	0	30	
2021/22-2	Lab	method blank	12/29/2021	Pesticide	Butachlor	n/a	<	0.012	µg/L	EPA 525.2	0.012	0.1			
2021/22-2	Lab	LCS	12/29/2021	Pesticide	Butachlor	n/a	=	5.62	µg/L	EPA 525.2	0.012	0.1			
2021/22-2	Lab	LCS, rec	12/29/2021	Pesticide	Butachlor	n/a	=	112	%	EPA 525.2	-88	-88	70	130	
2021/22-2	Lab	LCS dup	12/29/2021	Pesticide	Butachlor	n/a	=	5.85	µg/L	EPA 525.2	0.012	0.1			
2021/22-2	Lab	LCS dup, rec	12/29/2021	Pesticide	Butachlor	n/a	=	117	%	EPA 525.2	-88	-88	70	130	
2021/22-2	Lab	LCS, RPD	12/29/2021	Pesticide	Butachlor	n/a	=	4	%	EPA 525.2	-88	-88	0	30	
2021/22-2	Lab	method blank	12/22/2021	Pesticide	Captan	n/a	<	0.32	µg/L	EPA 525.2	0.32	1			
2021/22-2	Lab	LCS	12/22/2021	Pesticide	Captan	n/a	=	6.15	µg/L	EPA 525.2	0.32	1			
2021/22-2	Lab	LCS, rec	12/22/2021	Pesticide	Captan	n/a	=	123	%	EPA 525.2	-88	-88	70	130	
2021/22-2	Lab	LCS dup	12/22/2021	Pesticide	Captan	n/a	=	5.76	µg/L	EPA 525.2	0.32	1			
2021/22-2	Lab	LCS dup, rec	12/22/2021	Pesticide	Captan	n/a	=	115	%	EPA 525.2	-88	-88	70	130	
2021/22-2	Lab	LCS, RPD	12/22/2021	Pesticide	Captan	n/a	=	7	%	EPA 525.2	-88	-88	0	30	
2021/22-2	Lab	method blank	12/23/2021	Pesticide	Captan	n/a	<	0.32	µg/L	EPA 525.2	0.32	1			
2021/22-2	Lab	LCS	12/23/2021	Pesticide	Captan	n/a	=	7.08	µg/L	EPA 525.2	0.32	1			EUM
2021/22-2	Lab	LCS, rec	12/23/2021	Pesticide	Captan	n/a	=	142	%	EPA 525.2	-88	-88	70	130	EUM
2021/22-2	Lab	LCS dup	12/23/2021	Pesticide	Captan	n/a	=	6.88	µg/L	EPA 525.2	0.32	1			EUM
2021/22-2	Lab	LCS dup, rec	12/23/2021	Pesticide	Captan	n/a	=	138	%	EPA 525.2	-88	-88	70	130	EUM
2021/22-2	Lab	LCS, RPD	12/23/2021	Pesticide	Captan	n/a	=	3	%	EPA 525.2	-88	-88	0	30	EUM
2021/22-2	Lab	method blank	12/27/2021	Pesticide	Captan	n/a	<	0.32	µg/L	EPA 525.2	0.32	1			
2021/22-2	Lab	LCS	12/27/2021	Pesticide	Captan	n/a	=	6.9	µg/L	EPA 525.2	0.32	1			EUM
2021/22-2	Lab	LCS, rec	12/27/2021	Pesticide	Captan	n/a	=	138	%	EPA 525.2	-88	-88	70	130	EUM
2021/22-2	Lab	LCS dup	12/27/2021	Pesticide	Captan	n/a	=	6.88	µg/L	EPA 525.2	0.32	1			EUM
2021/22-2	Lab	LCS dup, rec	12/27/2021	Pesticide	Captan	n/a	=	138	%	EPA 525.2	-88	-88	70	130	EUM
2021/22-2	Lab	LCS, RPD	12/27/2021	Pesticide	Captan	n/a	=	0.4	%	EPA 525.2	-88	-88	0	30	EUM
2021/22-2	Lab	method blank	12/29/2021	Pesticide	Captan	n/a	<	0.32	µg/L	EPA 525.2	0.32	1			
2021/22-2	Lab	LCS	12/29/2021	Pesticide	Captan	n/a	=	6.25	µg/L	EPA 525.2	0.32	1			
2021/22-2	Lab	LCS, rec	12/29/2021	Pesticide	Captan	n/a	=	125	%	EPA 525.2	-88	-88	70	130	
2021/22-2	Lab	LCS dup	12/29/2021	Pesticide	Captan	n/a	=	6.44	µg/L	EPA 525.2	0.32	1			
2021/22-2	Lab	LCS dup, rec	12/29/2021	Pesticide	Captan	n/a	=	129	%	EPA 525.2	-88	-88	70	130	
2021/22-2	Lab	LCS, RPD	12/29/2021	Pesticide	Captan	n/a	=	3	%	EPA 525.2	-88	-88	0	30	
2021/22-2	Lab	method blank	1/13/2022	Pesticide	Chlordane (technical)	n/a	<	0.043	µg/L	EPA 608.3	0.043	0.1			
2021/22-2	Lab	method blank	12/22/2021	Pesticide	Chloroprotham	n/a	<	0.04	µg/L	EPA 525.2	0.04	0.1			
2021/22-2	Lab	LCS	12/22/2021	Pesticide	Chloroprotham	n/a	=	7.19	µg/L	EPA 525.2	0.04	0.1			EUM
2021/22-2	Lab	LCS, rec	12/22/2021	Pesticide	Chloroprotham	n/a	=	144	%	EPA 525.2	-88	-88	70	130	EUM
2021/22-2	Lab	LCS dup	12/22/2021	Pesticide	Chloroprotham	n/a	=	7.07	µg/L	EPA 525.2	0.04	0.1			EUM
2021/22-2	Lab	LCS dup, rec	12/22/2021	Pesticide	Chloroprotham	n/a	=	141	%	EPA 525.2	-88	-88	70	130	EUM
2021/22-2	Lab	LCS, RPD	12/22/2021	Pesticide	Chloroprotham	n/a	=	2	%	EPA 525.2	-88	-88	0	30	EUM
2021/22-2	Lab	method blank	12/23/2021	Pesticide	Chloroprotham	n/a	<	0.04	µg/L	EPA 525.2	0.04	0.1			
2021/22-2	Lab	LCS	12/23/2021	Pesticide	Chloroprotham	n/a	=	6.97	µg/L	EPA 525.2	0.04	0.1			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	
2021/22-2	Lab	LCS, rec	12/23/2021	Pesticide	Chloroprotham	n/a	=	139	%	EPA 525.2	-88	-88	70	130	EUM
2021/22-2	Lab	LCS dup	12/23/2021	Pesticide	Chloroprotham	n/a	=	6.88	µg/L	EPA 525.2	0.04	0.1			EUM
2021/22-2	Lab	LCS dup, rec	12/23/2021	Pesticide	Chloroprotham	n/a	=	138	%	EPA 525.2	-88	-88	70	130	EUM
2021/22-2	Lab	LCS, RPD	12/23/2021	Pesticide	Chloroprotham	n/a	=	1	%	EPA 525.2	-88	-88	0	30	EUM
2021/22-2	Lab	method blank	12/27/2021	Pesticide	Chloroprotham	n/a	<	0.04	µg/L	EPA 525.2	0.04	0.1			
2021/22-2	Lab	LCS	12/27/2021	Pesticide	Chloroprotham	n/a	=	7.02	µg/L	EPA 525.2	0.04	0.1			EUM
2021/22-2	Lab	LCS, rec	12/27/2021	Pesticide	Chloroprotham	n/a	=	140	%	EPA 525.2	-88	-88	70	130	EUM
2021/22-2	Lab	LCS dup	12/27/2021	Pesticide	Chloroprotham	n/a	=	6.84	µg/L	EPA 525.2	0.04	0.1			EUM
2021/22-2	Lab	LCS dup, rec	12/27/2021	Pesticide	Chloroprotham	n/a	=	137	%	EPA 525.2	-88	-88	70	130	EUM
2021/22-2	Lab	LCS, RPD	12/27/2021	Pesticide	Chloroprotham	n/a	=	2	%	EPA 525.2	-88	-88	0	30	EUM
2021/22-2	Lab	method blank	12/29/2021	Pesticide	Chloroprotham	n/a	<	0.04	µg/L	EPA 525.2	0.04	0.1			
2021/22-2	Lab	LCS	12/29/2021	Pesticide	Chloroprotham	n/a	=	6.42	µg/L	EPA 525.2	0.04	0.1			
2021/22-2	Lab	LCS, rec	12/29/2021	Pesticide	Chloroprotham	n/a	=	128	%	EPA 525.2	-88	-88	70	130	
2021/22-2	Lab	LCS dup	12/29/2021	Pesticide	Chloroprotham	n/a	=	6.47	µg/L	EPA 525.2	0.04	0.1			
2021/22-2	Lab	LCS dup, rec	12/29/2021	Pesticide	Chloroprotham	n/a	=	129	%	EPA 525.2	-88	-88	70	130	
2021/22-2	Lab	LCS, RPD	12/29/2021	Pesticide	Chloroprotham	n/a	=	0.8	%	EPA 525.2	-88	-88	0	30	
2021/22-2	000NONPJ	matrix spike	12/28/2021	Pesticide	Chlorpyrifos	n/a	=	0.0491	µg/L	EPA 625.1m	0.0069	0.01			
2021/22-2	000NONPJ	matrix spike, rec	12/28/2021	Pesticide	Chlorpyrifos	n/a	=	98	%	EPA 625.1m	-88	-88	48	151	
2021/22-2	000NONPJ	matrix spike dup	12/28/2021	Pesticide	Chlorpyrifos	n/a	=	0.0467	µg/L	EPA 625.1m	0.0069	0.01			
2021/22-2	000NONPJ	matrix spike dup, rec	12/28/2021	Pesticide	Chlorpyrifos	n/a	=	93	%	EPA 625.1m	-88	-88	48	151	
2021/22-2	000NONPJ	matrix spike, RPD	12/28/2021	Pesticide	Chlorpyrifos	n/a	=	5	%	EPA 625.1m	-88	-88	0	30	
2021/22-2	Lab	LCS	12/28/2021	Pesticide	Chlorpyrifos	n/a	=	0.0535	µg/L	EPA 625.1m	0.0069	0.01			
2021/22-2	Lab	LCS, rec	12/28/2021	Pesticide	Chlorpyrifos	n/a	=	107	%	EPA 625.1m	-88	-88	72	144	
2021/22-2	Lab	method blank	12/28/2021	Pesticide	Chlorpyrifos	n/a	<	0.0069	µg/L	EPA 625.1m	0.0069	0.01			
2021/22-2	Lab	LCS	1/11/2022	Pesticide	Chlorpyrifos	n/a	=	0.0432	µg/L	EPA 625.1m	0.0069	0.01			
2021/22-2	Lab	LCS, rec	1/11/2022	Pesticide	Chlorpyrifos	n/a	=	86	%	EPA 625.1m	-88	-88	72	144	
2021/22-2	Lab	method blank	1/11/2022	Pesticide	Chlorpyrifos	n/a	<	0.0069	µg/L	EPA 625.1m	0.0069	0.01			
2021/22-2	Lab	LCS	1/11/2022	Pesticide	Chlorpyrifos	n/a	=	0.0508	µg/L	EPA 625.1m	0.0069	0.01			
2021/22-2	Lab	LCS, rec	1/11/2022	Pesticide	Chlorpyrifos	n/a	=	102	%	EPA 625.1m	-88	-88	72	144	
2021/22-2	Lab	method blank	1/11/2022	Pesticide	Chlorpyrifos	n/a	<	0.0069	µg/L	EPA 625.1m	0.0069	0.01			
2021/22-2	ME-SCR	matrix spike	1/11/2022	Pesticide	Chlorpyrifos	n/a	=	0.265	µg/L	EPA 625.1m	0.034	0.05			
2021/22-2	ME-SCR	matrix spike, rec	1/11/2022	Pesticide	Chlorpyrifos	n/a	=	106	%	EPA 625.1m	-88	-88	48	151	
2021/22-2	ME-SCR	matrix spike dup	1/11/2022	Pesticide	Chlorpyrifos	n/a	=	0.228	µg/L	EPA 625.1m	0.034	0.05			
2021/22-2	ME-SCR	matrix spike dup, rec	1/11/2022	Pesticide	Chlorpyrifos	n/a	=	91	%	EPA 625.1m	-88	-88	48	151	
2021/22-2	ME-SCR	matrix spike, RPD	1/11/2022	Pesticide	Chlorpyrifos	n/a	=	15	%	EPA 625.1m	-88	-88	0	30	
2021/22-2	000NONPJ	matrix spike	12/28/2021	Pesticide	Coumaphos	n/a	=	0.0705	µg/L	EPA 625.1m	0.0051	0.01			
2021/22-2	000NONPJ	matrix spike, rec	12/28/2021	Pesticide	Coumaphos	n/a	=	141	%	EPA 625.1m	-88	-88	0.1	190	
2021/22-2	000NONPJ	matrix spike dup	12/28/2021	Pesticide	Coumaphos	n/a	=	0.0799	µg/L	EPA 625.1m	0.0051	0.01			
2021/22-2	000NONPJ	matrix spike dup, rec	12/28/2021	Pesticide	Coumaphos	n/a	=	160	%	EPA 625.1m	-88	-88	0.1	190	
2021/22-2	000NONPJ	matrix spike, RPD	12/28/2021	Pesticide	Coumaphos	n/a	=	13	%	EPA 625.1m	-88	-88	0	30	
2021/22-2	Lab	LCS	12/28/2021	Pesticide	Coumaphos	n/a	=	0.0555	µg/L	EPA 625.1m	0.0051	0.01			
2021/22-2	Lab	LCS, rec	12/28/2021	Pesticide	Coumaphos	n/a	=	111	%	EPA 625.1m	-88	-88	10	200	
2021/22-2	Lab	method blank	12/28/2021	Pesticide	Coumaphos	n/a	<	0.0051	µg/L	EPA 625.1m	0.0051	0.01			
2021/22-2	Lab	LCS	1/11/2022	Pesticide	Coumaphos	n/a	=	0.0691	µg/L	EPA 625.1m	0.0051	0.01			
2021/22-2	Lab	LCS, rec	1/11/2022	Pesticide	Coumaphos	n/a	=	138	%	EPA 625.1m	-88	-88	10	200	
2021/22-2	Lab	method blank	1/11/2022	Pesticide	Coumaphos	n/a	<	0.0051	µg/L	EPA 625.1m	0.0051	0.01			
2021/22-2	Lab	LCS	1/11/2022	Pesticide	Coumaphos	n/a	=	0.0835	µg/L	EPA 625.1m	0.0051	0.01			

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2021/22-2	Lab	LCS, rec	1/11/2022	Pesticide	Coumaphos	n/a	=	167	%	EPA 625.1m	-88	-88	10	200	
2021/22-2	Lab	method blank	1/11/2022	Pesticide	Coumaphos	n/a	<	0.0051	µg/L	EPA 625.1m	0.0051	0.01			
2021/22-2	ME-SCR	matrix spike	1/11/2022	Pesticide	Coumaphos	n/a	=	0.372	µg/L	EPA 625.1m	0.026	0.05			
2021/22-2	ME-SCR	matrix spike, rec	1/11/2022	Pesticide	Coumaphos	n/a	=	149	%	EPA 625.1m	-88	-88	0.1	190	
2021/22-2	ME-SCR	matrix spike dup	1/11/2022	Pesticide	Coumaphos	n/a	=	0.365	µg/L	EPA 625.1m	0.026	0.05			
2021/22-2	ME-SCR	matrix spike dup, rec	1/11/2022	Pesticide	Coumaphos	n/a	=	146	%	EPA 625.1m	-88	-88	0.1	190	
2021/22-2	ME-SCR	matrix spike, RPD	1/11/2022	Pesticide	Coumaphos	n/a	=	2	%	EPA 625.1m	-88	-88	0	30	
2021/22-2	000NONPJ	matrix spike	1/6/2022	Pesticide	Dalapon	n/a	=	8.49	µg/L	EPA 515.4	0.11	0.4			
2021/22-2	000NONPJ	matrix spike, rec	1/6/2022	Pesticide	Dalapon	n/a	=	106	%	EPA 515.4	-88	-88	70	130	
2021/22-2	000NONPJ	matrix spike dup	1/6/2022	Pesticide	Dalapon	n/a	=	8.52	µg/L	EPA 515.4	0.11	0.4			
2021/22-2	000NONPJ	matrix spike dup, rec	1/6/2022	Pesticide	Dalapon	n/a	=	107	%	EPA 515.4	-88	-88	70	130	
2021/22-2	000NONPJ	matrix spike, RPD	1/6/2022	Pesticide	Dalapon	n/a	=	0.4	%	EPA 515.4	-88	-88	0	30	
2021/22-2	Lab	method blank	1/6/2022	Pesticide	Dalapon	n/a	<	0.11	µg/L	EPA 515.4	0.11	0.4			
2021/22-2	Lab	LCS	1/6/2022	Pesticide	Dalapon	n/a	=	8.75	µg/L	EPA 515.4	0.11	0.4			
2021/22-2	Lab	LCS, rec	1/6/2022	Pesticide	Dalapon	n/a	=	109	%	EPA 515.4	-88	-88	70	130	
2021/22-2	000NONPJ	matrix spike	1/6/2022	Pesticide	DCPA (Dacthal)	n/a	=	4	µg/L	EPA 515.4	0.029	0.1			
2021/22-2	000NONPJ	matrix spike, rec	1/6/2022	Pesticide	DCPA (Dacthal)	n/a	=	100	%	EPA 515.4	-88	-88	70	130	
2021/22-2	000NONPJ	matrix spike dup	1/6/2022	Pesticide	DCPA (Dacthal)	n/a	=	4.1	µg/L	EPA 515.4	0.029	0.1			
2021/22-2	000NONPJ	matrix spike dup, rec	1/6/2022	Pesticide	DCPA (Dacthal)	n/a	=	103	%	EPA 515.4	-88	-88	70	130	
2021/22-2	000NONPJ	matrix spike, RPD	1/6/2022	Pesticide	DCPA (Dacthal)	n/a	=	3	%	EPA 515.4	-88	-88	0	30	
2021/22-2	Lab	method blank	1/6/2022	Pesticide	DCPA (Dacthal)	n/a	<	0.029	µg/L	EPA 515.4	0.029	0.1			
2021/22-2	Lab	LCS	1/6/2022	Pesticide	DCPA (Dacthal)	n/a	=	3.94	µg/L	EPA 515.4	0.029	0.1			
2021/22-2	Lab	LCS, rec	1/6/2022	Pesticide	DCPA (Dacthal)	n/a	=	98	%	EPA 515.4	-88	-88	70	130	
2021/22-2	Lab	method blank	1/13/2022	Pesticide	delta-BHC	n/a	<	0.0019	µg/L	EPA 608.3	0.0019	0.005			
2021/22-2	Lab	LCS	1/13/2022	Pesticide	delta-BHC	n/a	=	0.0754	µg/L	EPA 608.3	0.0019	0.005			
2021/22-2	Lab	LCS, rec	1/13/2022	Pesticide	delta-BHC	n/a	=	75	%	EPA 608.3	-88	-88	51	130	
2021/22-2	Lab	LCS dup	1/13/2022	Pesticide	delta-BHC	n/a	=	0.104	µg/L	EPA 608.3	0.0019	0.005			IL
2021/22-2	Lab	LCS dup, rec	1/13/2022	Pesticide	delta-BHC	n/a	=	104	%	EPA 608.3	-88	-88	51	130	IL
2021/22-2	Lab	LCS, RPD	1/13/2022	Pesticide	delta-BHC	n/a	=	32	%	EPA 608.3	-88	-88	0	30	IL
2021/22-2	000NONPJ	matrix spike	12/28/2021	Pesticide	Demeton-O	n/a	=	0.0441	µg/L	EPA 625.1m	0.01	0.01			
2021/22-2	000NONPJ	matrix spike, rec	12/28/2021	Pesticide	Demeton-O	n/a	=	88	%	EPA 625.1m	-88	-88	63	151	
2021/22-2	000NONPJ	matrix spike dup	12/28/2021	Pesticide	Demeton-O	n/a	=	0.0462	µg/L	EPA 625.1m	0.01	0.01			
2021/22-2	000NONPJ	matrix spike dup, rec	12/28/2021	Pesticide	Demeton-O	n/a	=	92	%	EPA 625.1m	-88	-88	63	151	
2021/22-2	000NONPJ	matrix spike, RPD	12/28/2021	Pesticide	Demeton-O	n/a	=	5	%	EPA 625.1m	-88	-88	0	30	
2021/22-2	Lab	LCS	12/28/2021	Pesticide	Demeton-O	n/a	=	0.0428	µg/L	EPA 625.1m	0.01	0.01			
2021/22-2	Lab	LCS, rec	12/28/2021	Pesticide	Demeton-O	n/a	=	86	%	EPA 625.1m	-88	-88	23	121	
2021/22-2	Lab	method blank	12/28/2021	Pesticide	Demeton-O	n/a	<	0.01	µg/L	EPA 625.1m	0.01	0.01			
2021/22-2	Lab	LCS	1/11/2022	Pesticide	Demeton-O	n/a	=	0.043	µg/L	EPA 625.1m	0.01	0.01			
2021/22-2	Lab	LCS, rec	1/11/2022	Pesticide	Demeton-O	n/a	=	86	%	EPA 625.1m	-88	-88	23	121	
2021/22-2	Lab	method blank	1/11/2022	Pesticide	Demeton-O	n/a	<	0.01	µg/L	EPA 625.1m	0.01	0.01			
2021/22-2	Lab	LCS	1/11/2022	Pesticide	Demeton-O	n/a	=	0.0416	µg/L	EPA 625.1m	0.01	0.01			
2021/22-2	Lab	LCS, rec	1/11/2022	Pesticide	Demeton-O	n/a	=	83	%	EPA 625.1m	-88	-88	23	121	
2021/22-2	Lab	method blank	1/11/2022	Pesticide	Demeton-O	n/a	<	0.01	µg/L	EPA 625.1m	0.01	0.01			
2021/22-2	ME-SCR	matrix spike	1/11/2022	Pesticide	Demeton-O	n/a	=	0.241	µg/L	EPA 625.1m	0.05	0.05			
2021/22-2	ME-SCR	matrix spike, rec	1/11/2022	Pesticide	Demeton-O	n/a	=	96	%	EPA 625.1m	-88	-88	63	151	
2021/22-2	ME-SCR	matrix spike dup	1/11/2022	Pesticide	Demeton-O	n/a	=	0.242	µg/L	EPA 625.1m	0.05	0.05			
2021/22-2	ME-SCR	matrix spike dup, rec	1/11/2022	Pesticide	Demeton-O	n/a	=	97	%	EPA 625.1m	-88	-88	63	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	
2021/22-2	ME-SCR	matrix spike, RPD	1/11/2022	Pesticide	Demeton-O	n/a	=	0.7	%	EPA 625.1m	-88	-88	0	30	
2021/22-2	000NONPJ	matrix spike	12/28/2021	Pesticide	Demeton-S	n/a	=	0.0281	µg/L	EPA 625.1m	0.01	0.01			
2021/22-2	000NONPJ	matrix spike, rec	12/28/2021	Pesticide	Demeton-S	n/a	=	56	%	EPA 625.1m	-88	-88	0.1	204	
2021/22-2	000NONPJ	matrix spike dup	12/28/2021	Pesticide	Demeton-S	n/a	=	0.033	µg/L	EPA 625.1m	0.01	0.01			
2021/22-2	000NONPJ	matrix spike dup, rec	12/28/2021	Pesticide	Demeton-S	n/a	=	66	%	EPA 625.1m	-88	-88	0.1	204	
2021/22-2	000NONPJ	matrix spike, RPD	12/28/2021	Pesticide	Demeton-S	n/a	=	16	%	EPA 625.1m	-88	-88	0	30	
2021/22-2	Lab	LCS	12/28/2021	Pesticide	Demeton-S	n/a	DNQ	0.0028	µg/L	EPA 625.1m	0	0.01			EUM
2021/22-2	Lab	LCS, rec	12/28/2021	Pesticide	Demeton-S	n/a	=	6	%	EPA 625.1m	-88	-88	53	147	EUM
2021/22-2	Lab	method blank	12/28/2021	Pesticide	Demeton-S	n/a	<	0.01	µg/L	EPA 625.1m	0.01	0.01			
2021/22-2	Lab	LCS	1/11/2022	Pesticide	Demeton-S	n/a	DNQ	0.002	µg/L	EPA 625.1m	0	0.01			EUM
2021/22-2	Lab	LCS, rec	1/11/2022	Pesticide	Demeton-S	n/a	=	4	%	EPA 625.1m	-88	-88	53	147	EUM
2021/22-2	Lab	method blank	1/11/2022	Pesticide	Demeton-S	n/a	<	0.01	µg/L	EPA 625.1m	0.01	0.01			
2021/22-2	Lab	LCS	1/11/2022	Pesticide	Demeton-S	n/a	DNQ	0.0047	µg/L	EPA 625.1m	0	0.01			EUM
2021/22-2	Lab	LCS, rec	1/11/2022	Pesticide	Demeton-S	n/a	=	9	%	EPA 625.1m	-88	-88	53	147	EUM
2021/22-2	Lab	method blank	1/11/2022	Pesticide	Demeton-S	n/a	<	0.01	µg/L	EPA 625.1m	0.01	0.01			
2021/22-2	ME-SCR	matrix spike	1/11/2022	Pesticide	Demeton-S	n/a	=	0.099	µg/L	EPA 625.1m	0.05	0.05			
2021/22-2	ME-SCR	matrix spike, rec	1/11/2022	Pesticide	Demeton-S	n/a	=	40	%	EPA 625.1m	-88	-88	0.1	204	
2021/22-2	ME-SCR	matrix spike dup	1/11/2022	Pesticide	Demeton-S	n/a	=	0.233	µg/L	EPA 625.1m	0.05	0.05			IL
2021/22-2	ME-SCR	matrix spike dup, rec	1/11/2022	Pesticide	Demeton-S	n/a	=	93	%	EPA 625.1m	-88	-88	0.1	204	IL
2021/22-2	ME-SCR	matrix spike, RPD	1/11/2022	Pesticide	Demeton-S	n/a	=	81	%	EPA 625.1m	-88	-88	0	30	IL
2021/22-2	000NONPJ	matrix spike	12/28/2021	Pesticide	Diazinon	n/a	=	0.0424	µg/L	EPA 625.1m	0.0052	0.01			
2021/22-2	000NONPJ	matrix spike, rec	12/28/2021	Pesticide	Diazinon	n/a	=	85	%	EPA 625.1m	-88	-88	46	139	
2021/22-2	000NONPJ	matrix spike dup	12/28/2021	Pesticide	Diazinon	n/a	=	0.0412	µg/L	EPA 625.1m	0.0052	0.01			
2021/22-2	000NONPJ	matrix spike dup, rec	12/28/2021	Pesticide	Diazinon	n/a	=	82	%	EPA 625.1m	-88	-88	46	139	
2021/22-2	000NONPJ	matrix spike, RPD	12/28/2021	Pesticide	Diazinon	n/a	=	3	%	EPA 625.1m	-88	-88	0	30	
2021/22-2	Lab	method blank	12/22/2021	Pesticide	Diazinon	n/a	<	0.022	µg/L	EPA 525.2	0.022	0.1			
2021/22-2	Lab	LCS	12/22/2021	Pesticide	Diazinon	n/a	=	5.69	µg/L	EPA 525.2	0.022	0.1			
2021/22-2	Lab	LCS, rec	12/22/2021	Pesticide	Diazinon	n/a	=	114	%	EPA 525.2	-88	-88	50	120	
2021/22-2	Lab	LCS dup	12/22/2021	Pesticide	Diazinon	n/a	=	5.88	µg/L	EPA 525.2	0.022	0.1			
2021/22-2	Lab	LCS dup, rec	12/22/2021	Pesticide	Diazinon	n/a	=	118	%	EPA 525.2	-88	-88	50	120	
2021/22-2	Lab	LCS, RPD	12/22/2021	Pesticide	Diazinon	n/a	=	3	%	EPA 525.2	-88	-88	0	30	
2021/22-2	Lab	method blank	12/23/2021	Pesticide	Diazinon	n/a	<	0.022	µg/L	EPA 525.2	0.022	0.1			
2021/22-2	Lab	LCS	12/23/2021	Pesticide	Diazinon	n/a	=	5.78	µg/L	EPA 525.2	0.022	0.1			
2021/22-2	Lab	LCS, rec	12/23/2021	Pesticide	Diazinon	n/a	=	116	%	EPA 525.2	-88	-88	50	120	
2021/22-2	Lab	LCS dup	12/23/2021	Pesticide	Diazinon	n/a	=	6.05	µg/L	EPA 525.2	0.022	0.1			EUM
2021/22-2	Lab	LCS dup, rec	12/23/2021	Pesticide	Diazinon	n/a	=	121	%	EPA 525.2	-88	-88	50	120	EUM
2021/22-2	Lab	LCS, RPD	12/23/2021	Pesticide	Diazinon	n/a	=	5	%	EPA 525.2	-88	-88	0	30	EUM
2021/22-2	Lab	method blank	12/27/2021	Pesticide	Diazinon	n/a	<	0.022	µg/L	EPA 525.2	0.022	0.1			
2021/22-2	Lab	LCS	12/27/2021	Pesticide	Diazinon	n/a	=	5.65	µg/L	EPA 525.2	0.022	0.1			
2021/22-2	Lab	LCS, rec	12/27/2021	Pesticide	Diazinon	n/a	=	113	%	EPA 525.2	-88	-88	50	120	
2021/22-2	Lab	LCS dup	12/27/2021	Pesticide	Diazinon	n/a	=	5.92	µg/L	EPA 525.2	0.022	0.1			
2021/22-2	Lab	LCS dup, rec	12/27/2021	Pesticide	Diazinon	n/a	=	118	%	EPA 525.2	-88	-88	50	120	
2021/22-2	Lab	LCS, RPD	12/27/2021	Pesticide	Diazinon	n/a	=	5	%	EPA 525.2	-88	-88	0	30	
2021/22-2	Lab	LCS	12/28/2021	Pesticide	Diazinon	n/a	=	0.0419	µg/L	EPA 625.1m	0.0052	0.01			
2021/22-2	Lab	LCS, rec	12/28/2021	Pesticide	Diazinon	n/a	=	84	%	EPA 625.1m	-88	-88	75	150	
2021/22-2	Lab	method blank	12/28/2021	Pesticide	Diazinon	n/a	<	0.0052	µg/L	EPA 625.1m	0.0052	0.01			
2021/22-2	Lab	method blank	12/29/2021	Pesticide	Diazinon	n/a	<	0.022	µg/L	EPA 525.2	0.022	0.1			

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2021/22-2	Lab	LCS	12/29/2021	Pesticide	Diazinon	n/a	=	5.19	µg/L	EPA 525.2	0.022	0.1			
2021/22-2	Lab	LCS, rec	12/29/2021	Pesticide	Diazinon	n/a	=	104	%	EPA 525.2	-88	-88	50	120	
2021/22-2	Lab	LCS dup	12/29/2021	Pesticide	Diazinon	n/a	=	5.48	µg/L	EPA 525.2	0.022	0.1			
2021/22-2	Lab	LCS dup, rec	12/29/2021	Pesticide	Diazinon	n/a	=	110	%	EPA 525.2	-88	-88	50	120	
2021/22-2	Lab	LCS, RPD	12/29/2021	Pesticide	Diazinon	n/a	=	5	%	EPA 525.2	-88	-88	0	30	
2021/22-2	Lab	LCS	1/11/2022	Pesticide	Diazinon	n/a	=	0.0243	µg/L	EPA 625.1m	0.0052	0.01			EUM
2021/22-2	Lab	LCS, rec	1/11/2022	Pesticide	Diazinon	n/a	=	49	%	EPA 625.1m	-88	-88	75	150	EUM
2021/22-2	Lab	method blank	1/11/2022	Pesticide	Diazinon	n/a	<	0.0052	µg/L	EPA 625.1m	0.0052	0.01			
2021/22-2	Lab	LCS	1/11/2022	Pesticide	Diazinon	n/a	=	0.0373	µg/L	EPA 625.1m	0.0052	0.01			
2021/22-2	Lab	LCS, rec	1/11/2022	Pesticide	Diazinon	n/a	=	75	%	EPA 625.1m	-88	-88	75	150	
2021/22-2	Lab	method blank	1/11/2022	Pesticide	Diazinon	n/a	<	0.0052	µg/L	EPA 625.1m	0.0052	0.01			
2021/22-2	ME-SCR	matrix spike	1/11/2022	Pesticide	Diazinon	n/a	=	0.145	µg/L	EPA 625.1m	0.026	0.05			
2021/22-2	ME-SCR	matrix spike, rec	1/11/2022	Pesticide	Diazinon	n/a	=	58	%	EPA 625.1m	-88	-88	46	139	
2021/22-2	ME-SCR	matrix spike dup	1/11/2022	Pesticide	Diazinon	n/a	=	0.161	µg/L	EPA 625.1m	0.026	0.05			
2021/22-2	ME-SCR	matrix spike dup, rec	1/11/2022	Pesticide	Diazinon	n/a	=	65	%	EPA 625.1m	-88	-88	46	139	
2021/22-2	ME-SCR	matrix spike, RPD	1/11/2022	Pesticide	Diazinon	n/a	=	11	%	EPA 625.1m	-88	-88	0	30	
2021/22-2	000NONPJ	matrix spike	1/6/2022	Pesticide	Dicamba	n/a	=	8.28	µg/L	EPA 515.4	0.049	0.6			
2021/22-2	000NONPJ	matrix spike, rec	1/6/2022	Pesticide	Dicamba	n/a	=	103	%	EPA 515.4	-88	-88	70	130	
2021/22-2	000NONPJ	matrix spike dup	1/6/2022	Pesticide	Dicamba	n/a	=	8.41	µg/L	EPA 515.4	0.049	0.6			
2021/22-2	000NONPJ	matrix spike dup, rec	1/6/2022	Pesticide	Dicamba	n/a	=	105	%	EPA 515.4	-88	-88	70	130	
2021/22-2	000NONPJ	matrix spike, RPD	1/6/2022	Pesticide	Dicamba	n/a	=	2	%	EPA 515.4	-88	-88	0	30	
2021/22-2	Lab	method blank	1/6/2022	Pesticide	Dicamba	n/a	<	0.049	µg/L	EPA 515.4	0.049	0.6			
2021/22-2	Lab	LCS	1/6/2022	Pesticide	Dicamba	n/a	=	8.22	µg/L	EPA 515.4	0.049	0.6			
2021/22-2	Lab	LCS, rec	1/6/2022	Pesticide	Dicamba	n/a	=	103	%	EPA 515.4	-88	-88	70	130	
2021/22-2	000NONPJ	matrix spike	1/6/2022	Pesticide	Dichlorprop	n/a	=	8.39	µg/L	EPA 515.4	0.12	0.3			
2021/22-2	000NONPJ	matrix spike, rec	1/6/2022	Pesticide	Dichlorprop	n/a	=	105	%	EPA 515.4	-88	-88	70	130	
2021/22-2	000NONPJ	matrix spike dup	1/6/2022	Pesticide	Dichlorprop	n/a	=	7.94	µg/L	EPA 515.4	0.12	0.3			
2021/22-2	000NONPJ	matrix spike dup, rec	1/6/2022	Pesticide	Dichlorprop	n/a	=	99	%	EPA 515.4	-88	-88	70	130	
2021/22-2	000NONPJ	matrix spike, RPD	1/6/2022	Pesticide	Dichlorprop	n/a	=	5	%	EPA 515.4	-88	-88	0	30	
2021/22-2	Lab	method blank	1/6/2022	Pesticide	Dichlorprop	n/a	<	0.12	µg/L	EPA 515.4	0.12	0.3			
2021/22-2	Lab	LCS	1/6/2022	Pesticide	Dichlorprop	n/a	=	8.19	µg/L	EPA 515.4	0.12	0.3			
2021/22-2	Lab	LCS, rec	1/6/2022	Pesticide	Dichlorprop	n/a	=	102	%	EPA 515.4	-88	-88	70	130	
2021/22-2	000NONPJ	matrix spike	12/28/2021	Pesticide	Dichlorvos	n/a	=	0.0328	µg/L	EPA 625.1m	0.0029	0.01			
2021/22-2	000NONPJ	matrix spike, rec	12/28/2021	Pesticide	Dichlorvos	n/a	=	66	%	EPA 625.1m	-88	-88	52	132	
2021/22-2	000NONPJ	matrix spike dup	12/28/2021	Pesticide	Dichlorvos	n/a	=	0.0359	µg/L	EPA 625.1m	0.0029	0.01			
2021/22-2	000NONPJ	matrix spike dup, rec	12/28/2021	Pesticide	Dichlorvos	n/a	=	72	%	EPA 625.1m	-88	-88	52	132	
2021/22-2	000NONPJ	matrix spike, RPD	12/28/2021	Pesticide	Dichlorvos	n/a	=	9	%	EPA 625.1m	-88	-88	0	30	
2021/22-2	Lab	LCS	12/28/2021	Pesticide	Dichlorvos	n/a	=	0.0353	µg/L	EPA 625.1m	0.0029	0.01			
2021/22-2	Lab	LCS, rec	12/28/2021	Pesticide	Dichlorvos	n/a	=	71	%	EPA 625.1m	-88	-88	39	118	
2021/22-2	Lab	method blank	12/28/2021	Pesticide	Dichlorvos	n/a	<	0.0029	µg/L	EPA 625.1m	0.0029	0.01			
2021/22-2	Lab	LCS	1/11/2022	Pesticide	Dichlorvos	n/a	=	0.0447	µg/L	EPA 625.1m	0.0029	0.01			
2021/22-2	Lab	LCS, rec	1/11/2022	Pesticide	Dichlorvos	n/a	=	89	%	EPA 625.1m	-88	-88	39	118	
2021/22-2	Lab	method blank	1/11/2022	Pesticide	Dichlorvos	n/a	<	0.0029	µg/L	EPA 625.1m	0.0029	0.01			
2021/22-2	Lab	LCS	1/11/2022	Pesticide	Dichlorvos	n/a	=	0.0434	µg/L	EPA 625.1m	0.0029	0.01			
2021/22-2	Lab	LCS, rec	1/11/2022	Pesticide	Dichlorvos	n/a	=	87	%	EPA 625.1m	-88	-88	39	118	
2021/22-2	Lab	method blank	1/11/2022	Pesticide	Dichlorvos	n/a	<	0.0029	µg/L	EPA 625.1m	0.0029	0.01			
2021/22-2	ME-SCR	matrix spike	1/11/2022	Pesticide	Dichlorvos	n/a	=	0.274	µg/L	EPA 625.1m	0.014	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	
2021/22-2	ME-SCR	matrix spike, rec	1/11/2022	Pesticide	Dichlorvos	n/a	=	110	%	EPA 625.1m	-88	-88	52	132	
2021/22-2	ME-SCR	matrix spike dup	1/11/2022	Pesticide	Dichlorvos	n/a	=	0.246	µg/L	EPA 625.1m	0.014	0.05			
2021/22-2	ME-SCR	matrix spike dup, rec	1/11/2022	Pesticide	Dichlorvos	n/a	=	98	%	EPA 625.1m	-88	-88	52	132	
2021/22-2	ME-SCR	matrix spike, RPD	1/11/2022	Pesticide	Dichlorvos	n/a	=	11	%	EPA 625.1m	-88	-88	0	30	
2021/22-2	Lab	method blank	1/13/2022	Pesticide	Dieldrin	n/a	<	0.0008	µg/L	EPA 608.3	0.0008	0.01			
2021/22-2	Lab	LCS	1/13/2022	Pesticide	Dieldrin	n/a	=	0.1	µg/L	EPA 608.3	0.0008	0.01			
2021/22-2	Lab	LCS, rec	1/13/2022	Pesticide	Dieldrin	n/a	=	100	%	EPA 608.3	-88	-88	58	130	
2021/22-2	Lab	LCS dup	1/13/2022	Pesticide	Dieldrin	n/a	=	0.0962	µg/L	EPA 608.3	0.0008	0.01			
2021/22-2	Lab	LCS dup, rec	1/13/2022	Pesticide	Dieldrin	n/a	=	96	%	EPA 608.3	-88	-88	58	130	
2021/22-2	Lab	LCS, RPD	1/13/2022	Pesticide	Dieldrin	n/a	=	4	%	EPA 608.3	-88	-88	0	30	
2021/22-2	000NONPJ	matrix spike	12/28/2021	Pesticide	Dimethoate	n/a	=	0.0418	µg/L	EPA 625.1m	0.0062	0.01			
2021/22-2	000NONPJ	matrix spike, rec	12/28/2021	Pesticide	Dimethoate	n/a	=	84	%	EPA 625.1m	-88	-88	0.1	208	
2021/22-2	000NONPJ	matrix spike dup	12/28/2021	Pesticide	Dimethoate	n/a	=	0.0393	µg/L	EPA 625.1m	0.0062	0.01			
2021/22-2	000NONPJ	matrix spike dup, rec	12/28/2021	Pesticide	Dimethoate	n/a	=	79	%	EPA 625.1m	-88	-88	0.1	208	
2021/22-2	000NONPJ	matrix spike, RPD	12/28/2021	Pesticide	Dimethoate	n/a	=	6	%	EPA 625.1m	-88	-88	0	30	
2021/22-2	Lab	method blank	12/22/2021	Pesticide	Dimethoate	n/a	<	0.02	µg/L	EPA 525.2	0.02	0.2			
2021/22-2	Lab	LCS	12/22/2021	Pesticide	Dimethoate	n/a	=	7.01	µg/L	EPA 525.2	0.02	0.2			EUM
2021/22-2	Lab	LCS, rec	12/22/2021	Pesticide	Dimethoate	n/a	=	140	%	EPA 525.2	-88	-88	50	120	EUM
2021/22-2	Lab	LCS dup	12/22/2021	Pesticide	Dimethoate	n/a	=	7.02	µg/L	EPA 525.2	0.02	0.2			EUM
2021/22-2	Lab	LCS dup, rec	12/22/2021	Pesticide	Dimethoate	n/a	=	140	%	EPA 525.2	-88	-88	50	120	EUM
2021/22-2	Lab	LCS, RPD	12/22/2021	Pesticide	Dimethoate	n/a	=	0.07	%	EPA 525.2	-88	-88	0	30	EUM
2021/22-2	Lab	method blank	12/23/2021	Pesticide	Dimethoate	n/a	<	0.02	µg/L	EPA 525.2	0.02	0.2			
2021/22-2	Lab	LCS	12/23/2021	Pesticide	Dimethoate	n/a	=	6.03	µg/L	EPA 525.2	0.02	0.2			EUM
2021/22-2	Lab	LCS, rec	12/23/2021	Pesticide	Dimethoate	n/a	=	121	%	EPA 525.2	-88	-88	50	120	EUM
2021/22-2	Lab	LCS dup	12/23/2021	Pesticide	Dimethoate	n/a	=	6.35	µg/L	EPA 525.2	0.02	0.2			EUM
2021/22-2	Lab	LCS dup, rec	12/23/2021	Pesticide	Dimethoate	n/a	=	127	%	EPA 525.2	-88	-88	50	120	EUM
2021/22-2	Lab	LCS, RPD	12/23/2021	Pesticide	Dimethoate	n/a	=	5	%	EPA 525.2	-88	-88	0	30	EUM
2021/22-2	Lab	method blank	12/27/2021	Pesticide	Dimethoate	n/a	<	0.02	µg/L	EPA 525.2	0.02	0.2			
2021/22-2	Lab	LCS	12/27/2021	Pesticide	Dimethoate	n/a	=	5.99	µg/L	EPA 525.2	0.02	0.2			
2021/22-2	Lab	LCS, rec	12/27/2021	Pesticide	Dimethoate	n/a	=	120	%	EPA 525.2	-88	-88	50	120	
2021/22-2	Lab	LCS dup	12/27/2021	Pesticide	Dimethoate	n/a	=	6.06	µg/L	EPA 525.2	0.02	0.2			EUM
2021/22-2	Lab	LCS dup, rec	12/27/2021	Pesticide	Dimethoate	n/a	=	121	%	EPA 525.2	-88	-88	50	120	EUM
2021/22-2	Lab	LCS, RPD	12/27/2021	Pesticide	Dimethoate	n/a	=	1	%	EPA 525.2	-88	-88	0	30	EUM
2021/22-2	Lab	LCS	12/28/2021	Pesticide	Dimethoate	n/a	DNQ	0.004	µg/L	EPA 625.1m	0	0.01			EUM
2021/22-2	Lab	LCS, rec	12/28/2021	Pesticide	Dimethoate	n/a	=	8	%	EPA 625.1m	-88	-88	10	200	EUM
2021/22-2	Lab	method blank	12/28/2021	Pesticide	Dimethoate	n/a	<	0.0062	µg/L	EPA 625.1m	0.0062	0.01			
2021/22-2	Lab	method blank	12/29/2021	Pesticide	Dimethoate	n/a	<	0.02	µg/L	EPA 525.2	0.02	0.2			
2021/22-2	Lab	LCS	12/29/2021	Pesticide	Dimethoate	n/a	=	6.11	µg/L	EPA 525.2	0.02	0.2			EUM
2021/22-2	Lab	LCS, rec	12/29/2021	Pesticide	Dimethoate	n/a	=	122	%	EPA 525.2	-88	-88	50	120	EUM
2021/22-2	Lab	LCS dup	12/29/2021	Pesticide	Dimethoate	n/a	=	6.05	µg/L	EPA 525.2	0.02	0.2			EUM
2021/22-2	Lab	LCS dup, rec	12/29/2021	Pesticide	Dimethoate	n/a	=	121	%	EPA 525.2	-88	-88	50	120	EUM
2021/22-2	Lab	LCS, RPD	12/29/2021	Pesticide	Dimethoate	n/a	=	1	%	EPA 525.2	-88	-88	0	30	EUM
2021/22-2	Lab	LCS	1/11/2022	Pesticide	Dimethoate	n/a	DNQ	0.0062	µg/L	EPA 625.1m	0	0.01			
2021/22-2	Lab	LCS, rec	1/11/2022	Pesticide	Dimethoate	n/a	=	12	%	EPA 625.1m	-88	-88	10	200	
2021/22-2	Lab	method blank	1/11/2022	Pesticide	Dimethoate	n/a	<	0.0062	µg/L	EPA 625.1m	0.0062	0.01			
2021/22-2	Lab	LCS	1/11/2022	Pesticide	Dimethoate	n/a	DNQ	0.0086	µg/L	EPA 625.1m	0.0062	0.01			
2021/22-2	Lab	LCS, rec	1/11/2022	Pesticide	Dimethoate	n/a	=	17	%	EPA 625.1m	-88	-88	10	200	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2021/22-2	Lab	method blank	1/11/2022	Pesticide	Dimethoate	n/a	<	0.0062	µg/L	EPA 625.1m	0.0062	0.01			
2021/22-2	ME-SCR	matrix spike	1/11/2022	Pesticide	Dimethoate	n/a	DNQ	0.032	µg/L	EPA 625.1m	0.031	0.05			
2021/22-2	ME-SCR	matrix spike, rec	1/11/2022	Pesticide	Dimethoate	n/a	=	13	%	EPA 625.1m	-88	-88	0.1	208	
2021/22-2	ME-SCR	matrix spike dup	1/11/2022	Pesticide	Dimethoate	n/a	=	0.219	µg/L	EPA 625.1m	0.031	0.05			IL
2021/22-2	ME-SCR	matrix spike dup, rec	1/11/2022	Pesticide	Dimethoate	n/a	=	87	%	EPA 625.1m	-88	-88	0.1	208	IL
2021/22-2	ME-SCR	matrix spike, RPD	1/11/2022	Pesticide	Dimethoate	n/a	=	149	%	EPA 625.1m	-88	-88	0	30	IL
2021/22-2	000NONPJ	matrix spike	1/6/2022	Pesticide	Dinoseb	n/a	=	4.08	µg/L	EPA 515.4	0.033	0.4			
2021/22-2	000NONPJ	matrix spike, rec	1/6/2022	Pesticide	Dinoseb	n/a	=	102	%	EPA 515.4	-88	-88	70	130	
2021/22-2	000NONPJ	matrix spike dup	1/6/2022	Pesticide	Dinoseb	n/a	=	4.16	µg/L	EPA 515.4	0.033	0.4			
2021/22-2	000NONPJ	matrix spike dup, rec	1/6/2022	Pesticide	Dinoseb	n/a	=	104	%	EPA 515.4	-88	-88	70	130	
2021/22-2	000NONPJ	matrix spike, RPD	1/6/2022	Pesticide	Dinoseb	n/a	=	2	%	EPA 515.4	-88	-88	0	30	
2021/22-2	Lab	method blank	1/6/2022	Pesticide	Dinoseb	n/a	<	0.033	µg/L	EPA 515.4	0.033	0.4			
2021/22-2	Lab	LCS	1/6/2022	Pesticide	Dinoseb	n/a	=	4	µg/L	EPA 515.4	0.033	0.4			
2021/22-2	Lab	LCS, rec	1/6/2022	Pesticide	Dinoseb	n/a	=	100	%	EPA 515.4	-88	-88	70	130	
2021/22-2	Lab	method blank	12/22/2021	Pesticide	Diphenamid	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1			
2021/22-2	Lab	LCS	12/22/2021	Pesticide	Diphenamid	n/a	=	6.06	µg/L	EPA 525.2	0.03	0.1			
2021/22-2	Lab	LCS, rec	12/22/2021	Pesticide	Diphenamid	n/a	=	121	%	EPA 525.2	-88	-88	70	130	
2021/22-2	Lab	LCS dup	12/22/2021	Pesticide	Diphenamid	n/a	=	6.12	µg/L	EPA 525.2	0.03	0.1			
2021/22-2	Lab	LCS dup, rec	12/22/2021	Pesticide	Diphenamid	n/a	=	122	%	EPA 525.2	-88	-88	70	130	
2021/22-2	Lab	LCS, RPD	12/22/2021	Pesticide	Diphenamid	n/a	=	1	%	EPA 525.2	-88	-88	0	30	
2021/22-2	Lab	method blank	12/23/2021	Pesticide	Diphenamid	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1			
2021/22-2	Lab	LCS	12/23/2021	Pesticide	Diphenamid	n/a	=	5.72	µg/L	EPA 525.2	0.03	0.1			
2021/22-2	Lab	LCS, rec	12/23/2021	Pesticide	Diphenamid	n/a	=	114	%	EPA 525.2	-88	-88	70	130	
2021/22-2	Lab	LCS dup	12/23/2021	Pesticide	Diphenamid	n/a	=	5.56	µg/L	EPA 525.2	0.03	0.1			
2021/22-2	Lab	LCS dup, rec	12/23/2021	Pesticide	Diphenamid	n/a	=	111	%	EPA 525.2	-88	-88	70	130	
2021/22-2	Lab	LCS, RPD	12/23/2021	Pesticide	Diphenamid	n/a	=	3	%	EPA 525.2	-88	-88	0	30	
2021/22-2	Lab	method blank	12/27/2021	Pesticide	Diphenamid	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1			
2021/22-2	Lab	LCS	12/27/2021	Pesticide	Diphenamid	n/a	=	5.75	µg/L	EPA 525.2	0.03	0.1			
2021/22-2	Lab	LCS, rec	12/27/2021	Pesticide	Diphenamid	n/a	=	115	%	EPA 525.2	-88	-88	70	130	
2021/22-2	Lab	LCS dup	12/27/2021	Pesticide	Diphenamid	n/a	=	5.55	µg/L	EPA 525.2	0.03	0.1			
2021/22-2	Lab	LCS dup, rec	12/27/2021	Pesticide	Diphenamid	n/a	=	111	%	EPA 525.2	-88	-88	70	130	
2021/22-2	Lab	LCS, RPD	12/27/2021	Pesticide	Diphenamid	n/a	=	4	%	EPA 525.2	-88	-88	0	30	
2021/22-2	Lab	method blank	12/29/2021	Pesticide	Diphenamid	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1			
2021/22-2	Lab	LCS	12/29/2021	Pesticide	Diphenamid	n/a	=	5.09	µg/L	EPA 525.2	0.03	0.1			
2021/22-2	Lab	LCS, rec	12/29/2021	Pesticide	Diphenamid	n/a	=	102	%	EPA 525.2	-88	-88	70	130	
2021/22-2	Lab	LCS dup	12/29/2021	Pesticide	Diphenamid	n/a	=	5.21	µg/L	EPA 525.2	0.03	0.1			
2021/22-2	Lab	LCS dup, rec	12/29/2021	Pesticide	Diphenamid	n/a	=	104	%	EPA 525.2	-88	-88	70	130	
2021/22-2	Lab	LCS, RPD	12/29/2021	Pesticide	Diphenamid	n/a	=	2	%	EPA 525.2	-88	-88	0	30	
2021/22-2	000NONPJ	matrix spike	12/28/2021	Pesticide	Disulfoton	n/a	=	0.0436	µg/L	EPA 625.1m	0.01	0.01			
2021/22-2	000NONPJ	matrix spike, rec	12/28/2021	Pesticide	Disulfoton	n/a	=	87	%	EPA 625.1m	-88	-88	33	172	
2021/22-2	000NONPJ	matrix spike dup	12/28/2021	Pesticide	Disulfoton	n/a	=	0.046	µg/L	EPA 625.1m	0.01	0.01			
2021/22-2	000NONPJ	matrix spike dup, rec	12/28/2021	Pesticide	Disulfoton	n/a	=	92	%	EPA 625.1m	-88	-88	33	172	
2021/22-2	000NONPJ	matrix spike, RPD	12/28/2021	Pesticide	Disulfoton	n/a	=	5	%	EPA 625.1m	-88	-88	0	30	
2021/22-2	Lab	method blank	12/22/2021	Pesticide	Disulfoton	n/a	<	0.015	µg/L	EPA 525.2	0.015	0.1			
2021/22-2	Lab	LCS	12/22/2021	Pesticide	Disulfoton	n/a	=	7.01	µg/L	EPA 525.2	0.015	0.1			EUM
2021/22-2	Lab	LCS, rec	12/22/2021	Pesticide	Disulfoton	n/a	=	140	%	EPA 525.2	-88	-88	50	120	EUM
2021/22-2	Lab	LCS dup	12/22/2021	Pesticide	Disulfoton	n/a	=	7.16	µg/L	EPA 525.2	0.015	0.1			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	
2021/22-2	Lab	LCS dup, rec	12/22/2021	Pesticide	Disulfoton	n/a	=	143	%	EPA 525.2	-88	-88	50	120	EUM
2021/22-2	Lab	LCS, RPD	12/22/2021	Pesticide	Disulfoton	n/a	=	2	%	EPA 525.2	-88	-88	0	30	EUM
2021/22-2	Lab	method blank	12/23/2021	Pesticide	Disulfoton	n/a	<	0.015	µg/L	EPA 525.2	0.015	0.1			
2021/22-2	Lab	LCS	12/23/2021	Pesticide	Disulfoton	n/a	=	7.2	µg/L	EPA 525.2	0.015	0.1			EUM
2021/22-2	Lab	LCS, rec	12/23/2021	Pesticide	Disulfoton	n/a	=	144	%	EPA 525.2	-88	-88	50	120	EUM
2021/22-2	Lab	LCS dup	12/23/2021	Pesticide	Disulfoton	n/a	=	7.04	µg/L	EPA 525.2	0.015	0.1			EUM
2021/22-2	Lab	LCS dup, rec	12/23/2021	Pesticide	Disulfoton	n/a	=	141	%	EPA 525.2	-88	-88	50	120	EUM
2021/22-2	Lab	LCS, RPD	12/23/2021	Pesticide	Disulfoton	n/a	=	2	%	EPA 525.2	-88	-88	0	30	EUM
2021/22-2	Lab	method blank	12/27/2021	Pesticide	Disulfoton	n/a	<	0.015	µg/L	EPA 525.2	0.015	0.1			
2021/22-2	Lab	LCS	12/27/2021	Pesticide	Disulfoton	n/a	=	6.95	µg/L	EPA 525.2	0.015	0.1			EUM
2021/22-2	Lab	LCS, rec	12/27/2021	Pesticide	Disulfoton	n/a	=	139	%	EPA 525.2	-88	-88	50	120	EUM
2021/22-2	Lab	LCS dup	12/27/2021	Pesticide	Disulfoton	n/a	=	6.65	µg/L	EPA 525.2	0.015	0.1			EUM
2021/22-2	Lab	LCS dup, rec	12/27/2021	Pesticide	Disulfoton	n/a	=	133	%	EPA 525.2	-88	-88	50	120	EUM
2021/22-2	Lab	LCS, RPD	12/27/2021	Pesticide	Disulfoton	n/a	=	5	%	EPA 525.2	-88	-88	0	30	EUM
2021/22-2	Lab	LCS	12/28/2021	Pesticide	Disulfoton	n/a	=	0.0461	µg/L	EPA 625.1m	0.01	0.01			
2021/22-2	Lab	LCS, rec	12/28/2021	Pesticide	Disulfoton	n/a	=	92	%	EPA 625.1m	-88	-88	65	121	
2021/22-2	Lab	method blank	12/28/2021	Pesticide	Disulfoton	n/a	<	0.01	µg/L	EPA 625.1m	0.01	0.01			
2021/22-2	Lab	method blank	12/29/2021	Pesticide	Disulfoton	n/a	<	0.015	µg/L	EPA 525.2	0.015	0.1			
2021/22-2	Lab	LCS	12/29/2021	Pesticide	Disulfoton	n/a	=	6.47	µg/L	EPA 525.2	0.015	0.1			EUM
2021/22-2	Lab	LCS, rec	12/29/2021	Pesticide	Disulfoton	n/a	=	129	%	EPA 525.2	-88	-88	50	120	EUM
2021/22-2	Lab	LCS dup	12/29/2021	Pesticide	Disulfoton	n/a	=	6.59	µg/L	EPA 525.2	0.015	0.1			EUM
2021/22-2	Lab	LCS dup, rec	12/29/2021	Pesticide	Disulfoton	n/a	=	132	%	EPA 525.2	-88	-88	50	120	EUM
2021/22-2	Lab	LCS, RPD	12/29/2021	Pesticide	Disulfoton	n/a	=	2	%	EPA 525.2	-88	-88	0	30	EUM
2021/22-2	Lab	LCS	1/11/2022	Pesticide	Disulfoton	n/a	=	0.0395	µg/L	EPA 625.1m	0.01	0.01			
2021/22-2	Lab	LCS, rec	1/11/2022	Pesticide	Disulfoton	n/a	=	79	%	EPA 625.1m	-88	-88	65	121	
2021/22-2	Lab	method blank	1/11/2022	Pesticide	Disulfoton	n/a	<	0.01	µg/L	EPA 625.1m	0.01	0.01			
2021/22-2	Lab	LCS	1/11/2022	Pesticide	Disulfoton	n/a	=	0.0467	µg/L	EPA 625.1m	0.01	0.01			
2021/22-2	Lab	LCS, rec	1/11/2022	Pesticide	Disulfoton	n/a	=	93	%	EPA 625.1m	-88	-88	65	121	
2021/22-2	Lab	method blank	1/11/2022	Pesticide	Disulfoton	n/a	<	0.01	µg/L	EPA 625.1m	0.01	0.01			
2021/22-2	ME-SCR	matrix spike	1/11/2022	Pesticide	Disulfoton	n/a	=	0.261	µg/L	EPA 625.1m	0.05	0.05			
2021/22-2	ME-SCR	matrix spike, rec	1/11/2022	Pesticide	Disulfoton	n/a	=	105	%	EPA 625.1m	-88	-88	33	172	
2021/22-2	ME-SCR	matrix spike dup	1/11/2022	Pesticide	Disulfoton	n/a	=	0.236	µg/L	EPA 625.1m	0.05	0.05			
2021/22-2	ME-SCR	matrix spike dup, rec	1/11/2022	Pesticide	Disulfoton	n/a	=	94	%	EPA 625.1m	-88	-88	33	172	
2021/22-2	ME-SCR	matrix spike, RPD	1/11/2022	Pesticide	Disulfoton	n/a	=	10	%	EPA 625.1m	-88	-88	0	30	
2021/22-2	Lab	method blank	1/13/2022	Pesticide	Endosulfan I	n/a	<	0.0009	µg/L	EPA 608.3	0.0009	0.02			
2021/22-2	Lab	LCS	1/13/2022	Pesticide	Endosulfan I	n/a	=	0.0899	µg/L	EPA 608.3	0.0009	0.02			
2021/22-2	Lab	LCS, rec	1/13/2022	Pesticide	Endosulfan I	n/a	=	90	%	EPA 608.3	-88	-88	57	141	
2021/22-2	Lab	LCS dup	1/13/2022	Pesticide	Endosulfan I	n/a	=	0.086	µg/L	EPA 608.3	0.0009	0.02			
2021/22-2	Lab	LCS dup, rec	1/13/2022	Pesticide	Endosulfan I	n/a	=	86	%	EPA 608.3	-88	-88	57	141	
2021/22-2	Lab	LCS, RPD	1/13/2022	Pesticide	Endosulfan I	n/a	=	4	%	EPA 608.3	-88	-88	0	30	
2021/22-2	Lab	method blank	1/13/2022	Pesticide	Endosulfan II	n/a	<	0.0007	µg/L	EPA 608.3	0.0007	0.01			
2021/22-2	Lab	LCS	1/13/2022	Pesticide	Endosulfan II	n/a	=	0.0999	µg/L	EPA 608.3	0.0007	0.01			
2021/22-2	Lab	LCS, rec	1/13/2022	Pesticide	Endosulfan II	n/a	=	100	%	EPA 608.3	-88	-88	22	171	
2021/22-2	Lab	LCS dup	1/13/2022	Pesticide	Endosulfan II	n/a	=	0.0915	µg/L	EPA 608.3	0.0007	0.01			
2021/22-2	Lab	LCS dup, rec	1/13/2022	Pesticide	Endosulfan II	n/a	=	92	%	EPA 608.3	-88	-88	22	171	
2021/22-2	Lab	LCS, RPD	1/13/2022	Pesticide	Endosulfan II	n/a	=	9	%	EPA 608.3	-88	-88	0	30	
2021/22-2	Lab	method blank	1/13/2022	Pesticide	Endosulfan sulfate	n/a	<	0.0013	µg/L	EPA 608.3	0.0013	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	
2021/22-2	Lab	LCS	1/13/2022	Pesticide	Endosulfan sulfate	n/a	=	0.0998	µg/L	EPA 608.3	0.0013	0.05			
2021/22-2	Lab	LCS, rec	1/13/2022	Pesticide	Endosulfan sulfate	n/a	=	100	%	EPA 608.3	-88	-88	38	132	
2021/22-2	Lab	LCS dup	1/13/2022	Pesticide	Endosulfan sulfate	n/a	=	0.112	µg/L	EPA 608.3	0.0013	0.05			
2021/22-2	Lab	LCS dup, rec	1/13/2022	Pesticide	Endosulfan sulfate	n/a	=	112	%	EPA 608.3	-88	-88	38	132	
2021/22-2	Lab	LCS, RPD	1/13/2022	Pesticide	Endosulfan sulfate	n/a	=	12	%	EPA 608.3	-88	-88	0	30	
2021/22-2	Lab	method blank	1/13/2022	Pesticide	Endrin	n/a	<	0.0017	µg/L	EPA 608.3	0.0017	0.01			
2021/22-2	Lab	LCS	1/13/2022	Pesticide	Endrin	n/a	=	0.104	µg/L	EPA 608.3	0.0017	0.01			
2021/22-2	Lab	LCS, rec	1/13/2022	Pesticide	Endrin	n/a	=	104	%	EPA 608.3	-88	-88	51	130	
2021/22-2	Lab	LCS dup	1/13/2022	Pesticide	Endrin	n/a	=	0.101	µg/L	EPA 608.3	0.0017	0.01			
2021/22-2	Lab	LCS dup, rec	1/13/2022	Pesticide	Endrin	n/a	=	101	%	EPA 608.3	-88	-88	51	130	
2021/22-2	Lab	LCS, RPD	1/13/2022	Pesticide	Endrin	n/a	=	3	%	EPA 608.3	-88	-88	0	30	
2021/22-2	Lab	method blank	1/13/2022	Pesticide	Endrin aldehyde	n/a	<	0.0019	µg/L	EPA 608.3	0.0019	0.01			
2021/22-2	Lab	LCS	1/13/2022	Pesticide	Endrin aldehyde	n/a	=	0.095	µg/L	EPA 608.3	0.0019	0.01			
2021/22-2	Lab	LCS, rec	1/13/2022	Pesticide	Endrin aldehyde	n/a	=	95	%	EPA 608.3	-88	-88	18	130	
2021/22-2	Lab	LCS dup	1/13/2022	Pesticide	Endrin aldehyde	n/a	=	0.101	µg/L	EPA 608.3	0.0019	0.01			
2021/22-2	Lab	LCS dup, rec	1/13/2022	Pesticide	Endrin aldehyde	n/a	=	101	%	EPA 608.3	-88	-88	18	130	
2021/22-2	Lab	LCS, RPD	1/13/2022	Pesticide	Endrin aldehyde	n/a	=	6	%	EPA 608.3	-88	-88	0	30	
2021/22-2	Lab	method blank	12/22/2021	Pesticide	EPTC	n/a	<	0.02	µg/L	EPA 525.2	0.02	0.1			
2021/22-2	Lab	LCS	12/22/2021	Pesticide	EPTC	n/a	=	6.1	µg/L	EPA 525.2	0.02	0.1			
2021/22-2	Lab	LCS, rec	12/22/2021	Pesticide	EPTC	n/a	=	122	%	EPA 525.2	-88	-88	70	130	
2021/22-2	Lab	LCS dup	12/22/2021	Pesticide	EPTC	n/a	=	6.15	µg/L	EPA 525.2	0.02	0.1			
2021/22-2	Lab	LCS dup, rec	12/22/2021	Pesticide	EPTC	n/a	=	123	%	EPA 525.2	-88	-88	70	130	
2021/22-2	Lab	LCS, RPD	12/22/2021	Pesticide	EPTC	n/a	=	0.8	%	EPA 525.2	-88	-88	0	30	
2021/22-2	Lab	method blank	12/23/2021	Pesticide	EPTC	n/a	<	0.02	µg/L	EPA 525.2	0.02	0.1			
2021/22-2	Lab	LCS	12/23/2021	Pesticide	EPTC	n/a	=	6	µg/L	EPA 525.2	0.02	0.1			
2021/22-2	Lab	LCS, rec	12/23/2021	Pesticide	EPTC	n/a	=	120	%	EPA 525.2	-88	-88	70	130	
2021/22-2	Lab	LCS dup	12/23/2021	Pesticide	EPTC	n/a	=	5.99	µg/L	EPA 525.2	0.02	0.1			
2021/22-2	Lab	LCS dup, rec	12/23/2021	Pesticide	EPTC	n/a	=	120	%	EPA 525.2	-88	-88	70	130	
2021/22-2	Lab	LCS, RPD	12/23/2021	Pesticide	EPTC	n/a	=	0.1	%	EPA 525.2	-88	-88	0	30	
2021/22-2	Lab	method blank	12/27/2021	Pesticide	EPTC	n/a	<	0.02	µg/L	EPA 525.2	0.02	0.1			
2021/22-2	Lab	LCS	12/27/2021	Pesticide	EPTC	n/a	=	6.15	µg/L	EPA 525.2	0.02	0.1			
2021/22-2	Lab	LCS, rec	12/27/2021	Pesticide	EPTC	n/a	=	123	%	EPA 525.2	-88	-88	70	130	
2021/22-2	Lab	LCS dup	12/27/2021	Pesticide	EPTC	n/a	=	6	µg/L	EPA 525.2	0.02	0.1			
2021/22-2	Lab	LCS dup, rec	12/27/2021	Pesticide	EPTC	n/a	=	120	%	EPA 525.2	-88	-88	70	130	
2021/22-2	Lab	LCS, RPD	12/27/2021	Pesticide	EPTC	n/a	=	2	%	EPA 525.2	-88	-88	0	30	
2021/22-2	Lab	method blank	12/29/2021	Pesticide	EPTC	n/a	<	0.02	µg/L	EPA 525.2	0.02	0.1			
2021/22-2	Lab	LCS	12/29/2021	Pesticide	EPTC	n/a	=	5.52	µg/L	EPA 525.2	0.02	0.1			
2021/22-2	Lab	LCS, rec	12/29/2021	Pesticide	EPTC	n/a	=	110	%	EPA 525.2	-88	-88	70	130	
2021/22-2	Lab	LCS dup	12/29/2021	Pesticide	EPTC	n/a	=	5.73	µg/L	EPA 525.2	0.02	0.1			
2021/22-2	Lab	LCS dup, rec	12/29/2021	Pesticide	EPTC	n/a	=	115	%	EPA 525.2	-88	-88	70	130	
2021/22-2	Lab	LCS, RPD	12/29/2021	Pesticide	EPTC	n/a	=	4	%	EPA 525.2	-88	-88	0	30	
2021/22-2	000NONPJ	matrix spike	12/28/2021	Pesticide	Ethoprop	n/a	=	0.0357	µg/L	EPA 625.1m	0.0067	0.01			
2021/22-2	000NONPJ	matrix spike, rec	12/28/2021	Pesticide	Ethoprop	n/a	=	71	%	EPA 625.1m	-88	-88	50	150	
2021/22-2	000NONPJ	matrix spike dup	12/28/2021	Pesticide	Ethoprop	n/a	=	0.0363	µg/L	EPA 625.1m	0.0067	0.01			
2021/22-2	000NONPJ	matrix spike dup, rec	12/28/2021	Pesticide	Ethoprop	n/a	=	73	%	EPA 625.1m	-88	-88	50	150	
2021/22-2	000NONPJ	matrix spike, RPD	12/28/2021	Pesticide	Ethoprop	n/a	=	2	%	EPA 625.1m	-88	-88	0	30	
2021/22-2	Lab	LCS	12/28/2021	Pesticide	Ethoprop	n/a	=	0.0368	µg/L	EPA 625.1m	0.0067	0.01			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	
2021/22-2	Lab	LCS, rec	12/28/2021	Pesticide	Ethoprop	n/a	=	74	%	EPA 625.1m	-88	-88	76	165	EUM
2021/22-2	Lab	method blank	12/28/2021	Pesticide	Ethoprop	n/a	<	0.0067	µg/L	EPA 625.1m	0.0067	0.01			
2021/22-2	Lab	LCS	1/11/2022	Pesticide	Ethoprop	n/a	=	0.0421	µg/L	EPA 625.1m	0.0067	0.01			
2021/22-2	Lab	LCS, rec	1/11/2022	Pesticide	Ethoprop	n/a	=	84	%	EPA 625.1m	-88	-88	76	165	
2021/22-2	Lab	method blank	1/11/2022	Pesticide	Ethoprop	n/a	<	0.0067	µg/L	EPA 625.1m	0.0067	0.01			
2021/22-2	Lab	LCS	1/11/2022	Pesticide	Ethoprop	n/a	=	0.0341	µg/L	EPA 625.1m	0.0067	0.01			EUM
2021/22-2	Lab	LCS, rec	1/11/2022	Pesticide	Ethoprop	n/a	=	68	%	EPA 625.1m	-88	-88	76	165	EUM
2021/22-2	Lab	method blank	1/11/2022	Pesticide	Ethoprop	n/a	<	0.0067	µg/L	EPA 625.1m	0.0067	0.01			
2021/22-2	ME-SCR	matrix spike	1/11/2022	Pesticide	Ethoprop	n/a	=	0.266	µg/L	EPA 625.1m	0.034	0.05			
2021/22-2	ME-SCR	matrix spike, rec	1/11/2022	Pesticide	Ethoprop	n/a	=	106	%	EPA 625.1m	-88	-88	50	150	
2021/22-2	ME-SCR	matrix spike dup	1/11/2022	Pesticide	Ethoprop	n/a	=	0.242	µg/L	EPA 625.1m	0.034	0.05			
2021/22-2	ME-SCR	matrix spike dup, rec	1/11/2022	Pesticide	Ethoprop	n/a	=	97	%	EPA 625.1m	-88	-88	50	150	
2021/22-2	ME-SCR	matrix spike, RPD	1/11/2022	Pesticide	Ethoprop	n/a	=	9	%	EPA 625.1m	-88	-88	0	30	
2021/22-2	000NONPJ	matrix spike	12/28/2021	Pesticide	Ethyl parathion	n/a	=	0.0467	µg/L	EPA 625.1m	0.0054	0.01			
2021/22-2	000NONPJ	matrix spike, rec	12/28/2021	Pesticide	Ethyl parathion	n/a	=	93	%	EPA 625.1m	-88	-88	26	201	
2021/22-2	000NONPJ	matrix spike dup	12/28/2021	Pesticide	Ethyl parathion	n/a	=	0.0489	µg/L	EPA 625.1m	0.0054	0.01			
2021/22-2	000NONPJ	matrix spike dup, rec	12/28/2021	Pesticide	Ethyl parathion	n/a	=	98	%	EPA 625.1m	-88	-88	26	201	
2021/22-2	000NONPJ	matrix spike, RPD	12/28/2021	Pesticide	Ethyl parathion	n/a	=	5	%	EPA 625.1m	-88	-88	0	30	
2021/22-2	Lab	LCS	12/28/2021	Pesticide	Ethyl parathion	n/a	=	0.0525	µg/L	EPA 625.1m	0.0054	0.01			
2021/22-2	Lab	LCS, rec	12/28/2021	Pesticide	Ethyl parathion	n/a	=	105	%	EPA 625.1m	-88	-88	61	139	
2021/22-2	Lab	method blank	12/28/2021	Pesticide	Ethyl parathion	n/a	<	0.0054	µg/L	EPA 625.1m	0.0054	0.01			
2021/22-2	Lab	LCS	1/11/2022	Pesticide	Ethyl parathion	n/a	=	0.0457	µg/L	EPA 625.1m	0.0054	0.01			
2021/22-2	Lab	LCS, rec	1/11/2022	Pesticide	Ethyl parathion	n/a	=	91	%	EPA 625.1m	-88	-88	61	139	
2021/22-2	Lab	method blank	1/11/2022	Pesticide	Ethyl parathion	n/a	<	0.0054	µg/L	EPA 625.1m	0.0054	0.01			
2021/22-2	Lab	LCS	1/11/2022	Pesticide	Ethyl parathion	n/a	=	0.0626	µg/L	EPA 625.1m	0.0054	0.01			
2021/22-2	Lab	LCS, rec	1/11/2022	Pesticide	Ethyl parathion	n/a	=	125	%	EPA 625.1m	-88	-88	61	139	
2021/22-2	Lab	method blank	1/11/2022	Pesticide	Ethyl parathion	n/a	<	0.0054	µg/L	EPA 625.1m	0.0054	0.01			
2021/22-2	ME-SCR	matrix spike	1/11/2022	Pesticide	Ethyl parathion	n/a	=	0.265	µg/L	EPA 625.1m	0.027	0.05			
2021/22-2	ME-SCR	matrix spike, rec	1/11/2022	Pesticide	Ethyl parathion	n/a	=	106	%	EPA 625.1m	-88	-88	26	201	
2021/22-2	ME-SCR	matrix spike dup	1/11/2022	Pesticide	Ethyl parathion	n/a	=	0.242	µg/L	EPA 625.1m	0.027	0.05			
2021/22-2	ME-SCR	matrix spike dup, rec	1/11/2022	Pesticide	Ethyl parathion	n/a	=	97	%	EPA 625.1m	-88	-88	26	201	
2021/22-2	ME-SCR	matrix spike, RPD	1/11/2022	Pesticide	Ethyl parathion	n/a	=	9	%	EPA 625.1m	-88	-88	0	30	
2021/22-2	000NONPJ	matrix spike	12/28/2021	Pesticide	Fensulfothion	n/a	=	0.0929	µg/L	EPA 625.1m	0.0029	0.01			
2021/22-2	000NONPJ	matrix spike, rec	12/28/2021	Pesticide	Fensulfothion	n/a	=	186	%	EPA 625.1m	-88	-88	0.1	231	
2021/22-2	000NONPJ	matrix spike dup	12/28/2021	Pesticide	Fensulfothion	n/a	=	0.0926	µg/L	EPA 625.1m	0.0029	0.01			
2021/22-2	000NONPJ	matrix spike dup, rec	12/28/2021	Pesticide	Fensulfothion	n/a	=	185	%	EPA 625.1m	-88	-88	0.1	231	
2021/22-2	000NONPJ	matrix spike, RPD	12/28/2021	Pesticide	Fensulfothion	n/a	=	0.3	%	EPA 625.1m	-88	-88	0	30	
2021/22-2	Lab	LCS	12/28/2021	Pesticide	Fensulfothion	n/a	=	0.0107	µg/L	EPA 625.1m	0.0029	0.01			
2021/22-2	Lab	LCS, rec	12/28/2021	Pesticide	Fensulfothion	n/a	=	21	%	EPA 625.1m	-88	-88	10	200	
2021/22-2	Lab	method blank	12/28/2021	Pesticide	Fensulfothion	n/a	<	0.0029	µg/L	EPA 625.1m	0.0029	0.01			
2021/22-2	Lab	LCS	1/11/2022	Pesticide	Fensulfothion	n/a	DNQ	0.008	µg/L	EPA 625.1m	0.0029	0.01			
2021/22-2	Lab	LCS, rec	1/11/2022	Pesticide	Fensulfothion	n/a	=	16	%	EPA 625.1m	-88	-88	10	200	
2021/22-2	Lab	method blank	1/11/2022	Pesticide	Fensulfothion	n/a	<	0.0029	µg/L	EPA 625.1m	0.0029	0.01			
2021/22-2	Lab	LCS	1/11/2022	Pesticide	Fensulfothion	n/a	=	0.0273	µg/L	EPA 625.1m	0.0029	0.01			
2021/22-2	Lab	LCS, rec	1/11/2022	Pesticide	Fensulfothion	n/a	=	55	%	EPA 625.1m	-88	-88	10	200	
2021/22-2	Lab	method blank	1/11/2022	Pesticide	Fensulfothion	n/a	<	0.0029	µg/L	EPA 625.1m	0.0029	0.01			
2021/22-2	ME-SCR	matrix spike	1/11/2022	Pesticide	Fensulfothion	n/a	=	0.0559	µg/L	EPA 625.1m	0.014	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	
2021/22-2	ME-SCR	matrix spike, rec	1/11/2022	Pesticide	Fensulfothion	n/a	=	22	%	EPA 625.1m	-88	-88	0.1	231	
2021/22-2	ME-SCR	matrix spike dup	1/11/2022	Pesticide	Fensulfothion	n/a	=	0.404	µg/L	EPA 625.1m	0.014	0.05			IL
2021/22-2	ME-SCR	matrix spike dup, rec	1/11/2022	Pesticide	Fensulfothion	n/a	=	162	%	EPA 625.1m	-88	-88	0.1	231	IL
2021/22-2	ME-SCR	matrix spike, RPD	1/11/2022	Pesticide	Fensulfothion	n/a	=	151	%	EPA 625.1m	-88	-88	0	30	IL
2021/22-2	000NONPJ	matrix spike	12/28/2021	Pesticide	Fenthion	n/a	=	0.0524	µg/L	EPA 625.1m	0.0038	0.01			
2021/22-2	000NONPJ	matrix spike, rec	12/28/2021	Pesticide	Fenthion	n/a	=	105	%	EPA 625.1m	-88	-88	27	164	
2021/22-2	000NONPJ	matrix spike dup	12/28/2021	Pesticide	Fenthion	n/a	=	0.0511	µg/L	EPA 625.1m	0.0038	0.01			
2021/22-2	000NONPJ	matrix spike dup, rec	12/28/2021	Pesticide	Fenthion	n/a	=	102	%	EPA 625.1m	-88	-88	27	164	
2021/22-2	000NONPJ	matrix spike, RPD	12/28/2021	Pesticide	Fenthion	n/a	=	3	%	EPA 625.1m	-88	-88	0	30	
2021/22-2	Lab	LCS	12/28/2021	Pesticide	Fenthion	n/a	=	0.0516	µg/L	EPA 625.1m	0.0038	0.01			
2021/22-2	Lab	LCS, rec	12/28/2021	Pesticide	Fenthion	n/a	=	103	%	EPA 625.1m	-88	-88	77	165	
2021/22-2	Lab	method blank	12/28/2021	Pesticide	Fenthion	n/a	<	0.0038	µg/L	EPA 625.1m	0.0038	0.01			
2021/22-2	Lab	LCS	1/11/2022	Pesticide	Fenthion	n/a	=	0.0434	µg/L	EPA 625.1m	0.0038	0.01			
2021/22-2	Lab	LCS, rec	1/11/2022	Pesticide	Fenthion	n/a	=	87	%	EPA 625.1m	-88	-88	77	165	
2021/22-2	Lab	method blank	1/11/2022	Pesticide	Fenthion	n/a	<	0.0038	µg/L	EPA 625.1m	0.0038	0.01			
2021/22-2	Lab	LCS	1/11/2022	Pesticide	Fenthion	n/a	=	0.0484	µg/L	EPA 625.1m	0.0038	0.01			
2021/22-2	Lab	LCS, rec	1/11/2022	Pesticide	Fenthion	n/a	=	97	%	EPA 625.1m	-88	-88	77	165	
2021/22-2	Lab	method blank	1/11/2022	Pesticide	Fenthion	n/a	<	0.0038	µg/L	EPA 625.1m	0.0038	0.01			
2021/22-2	ME-SCR	matrix spike	1/11/2022	Pesticide	Fenthion	n/a	=	0.269	µg/L	EPA 625.1m	0.019	0.05			
2021/22-2	ME-SCR	matrix spike, rec	1/11/2022	Pesticide	Fenthion	n/a	=	107	%	EPA 625.1m	-88	-88	27	164	
2021/22-2	ME-SCR	matrix spike dup	1/11/2022	Pesticide	Fenthion	n/a	=	0.241	µg/L	EPA 625.1m	0.019	0.05			
2021/22-2	ME-SCR	matrix spike dup, rec	1/11/2022	Pesticide	Fenthion	n/a	=	96	%	EPA 625.1m	-88	-88	27	164	
2021/22-2	ME-SCR	matrix spike, RPD	1/11/2022	Pesticide	Fenthion	n/a	=	11	%	EPA 625.1m	-88	-88	0	30	
2021/22-2	Lab	method blank	1/13/2022	Pesticide	gamma-BHC (Lindane)	n/a	<	0.0004	µg/L	EPA 608.3	0.0004	0.02			
2021/22-2	Lab	LCS	1/13/2022	Pesticide	gamma-BHC (Lindane)	n/a	=	0.102	µg/L	EPA 608.3	0.0004	0.02			
2021/22-2	Lab	LCS, rec	1/13/2022	Pesticide	gamma-BHC (Lindane)	n/a	=	102	%	EPA 608.3	-88	-88	43	130	
2021/22-2	Lab	LCS dup	1/13/2022	Pesticide	gamma-BHC (Lindane)	n/a	=	0.0985	µg/L	EPA 608.3	0.0004	0.02			
2021/22-2	Lab	LCS dup, rec	1/13/2022	Pesticide	gamma-BHC (Lindane)	n/a	=	99	%	EPA 608.3	-88	-88	43	130	
2021/22-2	Lab	LCS, RPD	1/13/2022	Pesticide	gamma-BHC (Lindane)	n/a	=	4	%	EPA 608.3	-88	-88	0	30	
2021/22-2	Lab	method blank	1/13/2022	Pesticide	gamma-Chlordane	n/a	<	0.0023	µg/L	EPA 608.3	0.0023	0.01			
2021/22-2	000NONPJ	matrix spike	12/17/2021	Pesticide	Glyphosate	n/a	=	23.5	µg/L	EPA 547	1.8	5			
2021/22-2	000NONPJ	matrix spike, rec	12/17/2021	Pesticide	Glyphosate	n/a	=	82	%	EPA 547	-88	-88	41	149	
2021/22-2	000NONPJ	matrix spike dup	12/17/2021	Pesticide	Glyphosate	n/a	=	24.4	µg/L	EPA 547	1.8	5			
2021/22-2	000NONPJ	matrix spike dup, rec	12/17/2021	Pesticide	Glyphosate	n/a	=	86	%	EPA 547	-88	-88	41	149	
2021/22-2	000NONPJ	matrix spike, RPD	12/17/2021	Pesticide	Glyphosate	n/a	=	4	%	EPA 547	-88	-88	0	30	
2021/22-2	000NONPJ	matrix spike	12/17/2021	Pesticide	Glyphosate	n/a	=	16.2	µg/L	EPA 547	1.8	5			
2021/22-2	000NONPJ	matrix spike, rec	12/17/2021	Pesticide	Glyphosate	n/a	=	65	%	EPA 547	-88	-88	41	149	
2021/22-2	000NONPJ	matrix spike dup	12/17/2021	Pesticide	Glyphosate	n/a	=	20	µg/L	EPA 547	1.8	5			
2021/22-2	000NONPJ	matrix spike dup, rec	12/17/2021	Pesticide	Glyphosate	n/a	=	80	%	EPA 547	-88	-88	41	149	
2021/22-2	000NONPJ	matrix spike, RPD	12/17/2021	Pesticide	Glyphosate	n/a	=	21	%	EPA 547	-88	-88	0	30	
2021/22-2	Lab	method blank	12/17/2021	Pesticide	Glyphosate	n/a	<	1.8	µg/L	EPA 547	1.8	5			
2021/22-2	Lab	LCS	12/17/2021	Pesticide	Glyphosate	n/a	=	25.1	µg/L	EPA 547	1.8	5			
2021/22-2	Lab	LCS, rec	12/17/2021	Pesticide	Glyphosate	n/a	=	100	%	EPA 547	-88	-88	70	130	
2021/22-2	Lab	method blank	1/13/2022	Pesticide	Heptachlor	n/a	<	0.0006	µg/L	EPA 608.3	0.0006	0.01			
2021/22-2	Lab	LCS	1/13/2022	Pesticide	Heptachlor	n/a	=	0.107	µg/L	EPA 608.3	0.0006	0.01			
2021/22-2	Lab	LCS, rec	1/13/2022	Pesticide	Heptachlor	n/a	=	107	%	EPA 608.3	-88	-88	43	130	
2021/22-2	Lab	LCS dup	1/13/2022	Pesticide	Heptachlor	n/a	=	0.0997	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	
2021/22-2	Lab	LCS dup, rec	1/13/2022	Pesticide	Heptachlor	n/a	=	100	%	EPA 608.3	-88	-88	43	130	
2021/22-2	Lab	LCS, RPD	1/13/2022	Pesticide	Heptachlor	n/a	=	7	%	EPA 608.3	-88	-88	0	30	
2021/22-2	Lab	method blank	1/13/2022	Pesticide	Heptachlor epoxide	n/a	<	0.0004	µg/L	EPA 608.3	0.0004	0.01			
2021/22-2	Lab	LCS	1/13/2022	Pesticide	Heptachlor epoxide	n/a	=	0.104	µg/L	EPA 608.3	0.0004	0.01			
2021/22-2	Lab	LCS, rec	1/13/2022	Pesticide	Heptachlor epoxide	n/a	=	104	%	EPA 608.3	-88	-88	57	132	
2021/22-2	Lab	LCS dup	1/13/2022	Pesticide	Heptachlor epoxide	n/a	=	0.0986	µg/L	EPA 608.3	0.0004	0.01			
2021/22-2	Lab	LCS dup, rec	1/13/2022	Pesticide	Heptachlor epoxide	n/a	=	99	%	EPA 608.3	-88	-88	57	132	
2021/22-2	Lab	LCS, RPD	1/13/2022	Pesticide	Heptachlor epoxide	n/a	=	6	%	EPA 608.3	-88	-88	0	30	
2021/22-2	000NONPJ	matrix spike	12/28/2021	Pesticide	Malathion	n/a	=	0.18	µg/L	EPA 625.1m	0.0076	0.01			
2021/22-2	000NONPJ	matrix spike, rec	12/28/2021	Pesticide	Malathion	n/a	=	100	%	EPA 625.1m	-88	-88	15	161	
2021/22-2	000NONPJ	matrix spike dup	12/28/2021	Pesticide	Malathion	n/a	=	0.159	µg/L	EPA 625.1m	0.0076	0.01			
2021/22-2	000NONPJ	matrix spike dup, rec	12/28/2021	Pesticide	Malathion	n/a	=	60	%	EPA 625.1m	-88	-88	15	161	
2021/22-2	000NONPJ	matrix spike, RPD	12/28/2021	Pesticide	Malathion	n/a	=	12	%	EPA 625.1m	-88	-88	0	30	
2021/22-2	Lab	LCS	12/28/2021	Pesticide	Malathion	n/a	=	0.0507	µg/L	EPA 625.1m	0.0076	0.01			
2021/22-2	Lab	LCS, rec	12/28/2021	Pesticide	Malathion	n/a	=	101	%	EPA 625.1m	-88	-88	59	200	
2021/22-2	Lab	method blank	12/28/2021	Pesticide	Malathion	n/a	<	0.0076	µg/L	EPA 625.1m	0.0076	0.01			
2021/22-2	Lab	LCS	1/11/2022	Pesticide	Malathion	n/a	=	0.0554	µg/L	EPA 625.1m	0.0076	0.01			
2021/22-2	Lab	LCS, rec	1/11/2022	Pesticide	Malathion	n/a	=	111	%	EPA 625.1m	-88	-88	59	200	
2021/22-2	Lab	method blank	1/11/2022	Pesticide	Malathion	n/a	<	0.0076	µg/L	EPA 625.1m	0.0076	0.01			
2021/22-2	Lab	LCS	1/11/2022	Pesticide	Malathion	n/a	=	0.0564	µg/L	EPA 625.1m	0.0076	0.01			
2021/22-2	Lab	LCS, rec	1/11/2022	Pesticide	Malathion	n/a	=	113	%	EPA 625.1m	-88	-88	59	200	
2021/22-2	Lab	method blank	1/11/2022	Pesticide	Malathion	n/a	<	0.0076	µg/L	EPA 625.1m	0.0076	0.01			
2021/22-2	ME-SCR	matrix spike	1/11/2022	Pesticide	Malathion	n/a	=	0.331	µg/L	EPA 625.1m	0.038	0.05			
2021/22-2	ME-SCR	matrix spike, rec	1/11/2022	Pesticide	Malathion	n/a	=	133	%	EPA 625.1m	-88	-88	15	161	
2021/22-2	ME-SCR	matrix spike dup	1/11/2022	Pesticide	Malathion	n/a	=	0.311	µg/L	EPA 625.1m	0.038	0.05			
2021/22-2	ME-SCR	matrix spike dup, rec	1/11/2022	Pesticide	Malathion	n/a	=	124	%	EPA 625.1m	-88	-88	15	161	
2021/22-2	ME-SCR	matrix spike, RPD	1/11/2022	Pesticide	Malathion	n/a	=	6	%	EPA 625.1m	-88	-88	0	30	
2021/22-2	000NONPJ	matrix spike	12/28/2021	Pesticide	Merphos	n/a	=	0.05	µg/L	EPA 625.1m	0.0058	0.01			
2021/22-2	000NONPJ	matrix spike, rec	12/28/2021	Pesticide	Merphos	n/a	=	100	%	EPA 625.1m	-88	-88	4	191	
2021/22-2	000NONPJ	matrix spike dup	12/28/2021	Pesticide	Merphos	n/a	=	0.0445	µg/L	EPA 625.1m	0.0058	0.01			
2021/22-2	000NONPJ	matrix spike dup, rec	12/28/2021	Pesticide	Merphos	n/a	=	89	%	EPA 625.1m	-88	-88	4	191	
2021/22-2	000NONPJ	matrix spike, RPD	12/28/2021	Pesticide	Merphos	n/a	=	12	%	EPA 625.1m	-88	-88	0	30	
2021/22-2	Lab	LCS	12/28/2021	Pesticide	Merphos	n/a	=	0.0465	µg/L	EPA 625.1m	0.0058	0.01			
2021/22-2	Lab	LCS, rec	12/28/2021	Pesticide	Merphos	n/a	=	93	%	EPA 625.1m	-88	-88	32	200	
2021/22-2	Lab	method blank	12/28/2021	Pesticide	Merphos	n/a	<	0.0058	µg/L	EPA 625.1m	0.0058	0.01			
2021/22-2	Lab	LCS	1/11/2022	Pesticide	Merphos	n/a	=	0.0479	µg/L	EPA 625.1m	0.0058	0.01			
2021/22-2	Lab	LCS, rec	1/11/2022	Pesticide	Merphos	n/a	=	96	%	EPA 625.1m	-88	-88	32	200	
2021/22-2	Lab	method blank	1/11/2022	Pesticide	Merphos	n/a	<	0.0058	µg/L	EPA 625.1m	0.0058	0.01			
2021/22-2	Lab	LCS	1/11/2022	Pesticide	Merphos	n/a	=	0.0449	µg/L	EPA 625.1m	0.0058	0.01			
2021/22-2	Lab	LCS, rec	1/11/2022	Pesticide	Merphos	n/a	=	90	%	EPA 625.1m	-88	-88	32	200	
2021/22-2	Lab	method blank	1/11/2022	Pesticide	Merphos	n/a	<	0.0058	µg/L	EPA 625.1m	0.0058	0.01			
2021/22-2	ME-SCR	matrix spike	1/11/2022	Pesticide	Merphos	n/a	=	0.243	µg/L	EPA 625.1m	0.029	0.05			
2021/22-2	ME-SCR	matrix spike, rec	1/11/2022	Pesticide	Merphos	n/a	=	97	%	EPA 625.1m	-88	-88	4	191	
2021/22-2	ME-SCR	matrix spike dup	1/11/2022	Pesticide	Merphos	n/a	=	0.242	µg/L	EPA 625.1m	0.029	0.05			
2021/22-2	ME-SCR	matrix spike dup, rec	1/11/2022	Pesticide	Merphos	n/a	=	97	%	EPA 625.1m	-88	-88	4	191	
2021/22-2	ME-SCR	matrix spike, RPD	1/11/2022	Pesticide	Merphos	n/a	=	0.3	%	EPA 625.1m	-88	-88	0	30	
2021/22-2	000NONPJ	matrix spike	12/28/2021	Pesticide	Methyl parathion	n/a	=	0.0557	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	
2021/22-2	000NONPJ	matrix spike, rec	12/28/2021	Pesticide	Methyl parathion	n/a	=	111	%	EPA 625.1m	-88	-88	10	213	
2021/22-2	000NONPJ	matrix spike dup	12/28/2021	Pesticide	Methyl parathion	n/a	=	0.0556	µg/L	EPA 625.1m	0.0063	0.01			
2021/22-2	000NONPJ	matrix spike dup, rec	12/28/2021	Pesticide	Methyl parathion	n/a	=	111	%	EPA 625.1m	-88	-88	10	213	
2021/22-2	000NONPJ	matrix spike, RPD	12/28/2021	Pesticide	Methyl parathion	n/a	=	0.3	%	EPA 625.1m	-88	-88	0	30	
2021/22-2	Lab	LCS	12/28/2021	Pesticide	Methyl parathion	n/a	=	0.0573	µg/L	EPA 625.1m	0.0063	0.01			
2021/22-2	Lab	LCS, rec	12/28/2021	Pesticide	Methyl parathion	n/a	=	115	%	EPA 625.1m	-88	-88	64	154	
2021/22-2	Lab	method blank	12/28/2021	Pesticide	Methyl parathion	n/a	<	0.0063	µg/L	EPA 625.1m	0.0063	0.01			
2021/22-2	Lab	LCS	1/11/2022	Pesticide	Methyl parathion	n/a	=	0.0511	µg/L	EPA 625.1m	0.0063	0.01			
2021/22-2	Lab	LCS, rec	1/11/2022	Pesticide	Methyl parathion	n/a	=	102	%	EPA 625.1m	-88	-88	64	154	
2021/22-2	Lab	method blank	1/11/2022	Pesticide	Methyl parathion	n/a	<	0.0063	µg/L	EPA 625.1m	0.0063	0.01			
2021/22-2	Lab	LCS	1/11/2022	Pesticide	Methyl parathion	n/a	=	0.0672	µg/L	EPA 625.1m	0.0063	0.01			
2021/22-2	Lab	LCS, rec	1/11/2022	Pesticide	Methyl parathion	n/a	=	134	%	EPA 625.1m	-88	-88	64	154	
2021/22-2	Lab	method blank	1/11/2022	Pesticide	Methyl parathion	n/a	<	0.0063	µg/L	EPA 625.1m	0.0063	0.01			
2021/22-2	ME-SCR	matrix spike	1/11/2022	Pesticide	Methyl parathion	n/a	=	0.297	µg/L	EPA 625.1m	0.032	0.05			
2021/22-2	ME-SCR	matrix spike, rec	1/11/2022	Pesticide	Methyl parathion	n/a	=	119	%	EPA 625.1m	-88	-88	10	213	
2021/22-2	ME-SCR	matrix spike dup	1/11/2022	Pesticide	Methyl parathion	n/a	=	0.261	µg/L	EPA 625.1m	0.032	0.05			
2021/22-2	ME-SCR	matrix spike dup, rec	1/11/2022	Pesticide	Methyl parathion	n/a	=	104	%	EPA 625.1m	-88	-88	10	213	
2021/22-2	ME-SCR	matrix spike, RPD	1/11/2022	Pesticide	Methyl parathion	n/a	=	13	%	EPA 625.1m	-88	-88	0	30	
2021/22-2	Lab	method blank	12/22/2021	Pesticide	Metolachlor	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1			
2021/22-2	Lab	LCS	12/22/2021	Pesticide	Metolachlor	n/a	=	6.35	µg/L	EPA 525.2	0.03	0.1			
2021/22-2	Lab	LCS, rec	12/22/2021	Pesticide	Metolachlor	n/a	=	127	%	EPA 525.2	-88	-88	60	130	
2021/22-2	Lab	LCS dup	12/22/2021	Pesticide	Metolachlor	n/a	=	6.5	µg/L	EPA 525.2	0.03	0.1			
2021/22-2	Lab	LCS dup, rec	12/22/2021	Pesticide	Metolachlor	n/a	=	130	%	EPA 525.2	-88	-88	60	130	
2021/22-2	Lab	LCS, RPD	12/22/2021	Pesticide	Metolachlor	n/a	=	2	%	EPA 525.2	-88	-88	0	30	
2021/22-2	Lab	method blank	12/23/2021	Pesticide	Metolachlor	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1			
2021/22-2	Lab	LCS	12/23/2021	Pesticide	Metolachlor	n/a	=	6.53	µg/L	EPA 525.2	0.03	0.1			EUM
2021/22-2	Lab	LCS, rec	12/23/2021	Pesticide	Metolachlor	n/a	=	131	%	EPA 525.2	-88	-88	60	130	EUM
2021/22-2	Lab	LCS dup	12/23/2021	Pesticide	Metolachlor	n/a	=	6.7	µg/L	EPA 525.2	0.03	0.1			EUM
2021/22-2	Lab	LCS dup, rec	12/23/2021	Pesticide	Metolachlor	n/a	=	134	%	EPA 525.2	-88	-88	60	130	EUM
2021/22-2	Lab	LCS, RPD	12/23/2021	Pesticide	Metolachlor	n/a	=	3	%	EPA 525.2	-88	-88	0	30	EUM
2021/22-2	Lab	method blank	12/27/2021	Pesticide	Metolachlor	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1			
2021/22-2	Lab	LCS	12/27/2021	Pesticide	Metolachlor	n/a	=	6.47	µg/L	EPA 525.2	0.03	0.1			
2021/22-2	Lab	LCS, rec	12/27/2021	Pesticide	Metolachlor	n/a	=	129	%	EPA 525.2	-88	-88	60	130	
2021/22-2	Lab	LCS dup	12/27/2021	Pesticide	Metolachlor	n/a	=	6.72	µg/L	EPA 525.2	0.03	0.1			EUM
2021/22-2	Lab	LCS dup, rec	12/27/2021	Pesticide	Metolachlor	n/a	=	134	%	EPA 525.2	-88	-88	60	130	EUM
2021/22-2	Lab	LCS, RPD	12/27/2021	Pesticide	Metolachlor	n/a	=	4	%	EPA 525.2	-88	-88	0	30	EUM
2021/22-2	Lab	method blank	12/29/2021	Pesticide	Metolachlor	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1			
2021/22-2	Lab	LCS	12/29/2021	Pesticide	Metolachlor	n/a	=	5.8	µg/L	EPA 525.2	0.03	0.1			
2021/22-2	Lab	LCS, rec	12/29/2021	Pesticide	Metolachlor	n/a	=	116	%	EPA 525.2	-88	-88	60	130	
2021/22-2	Lab	LCS dup	12/29/2021	Pesticide	Metolachlor	n/a	=	6.06	µg/L	EPA 525.2	0.03	0.1			
2021/22-2	Lab	LCS dup, rec	12/29/2021	Pesticide	Metolachlor	n/a	=	121	%	EPA 525.2	-88	-88	60	130	
2021/22-2	Lab	LCS, RPD	12/29/2021	Pesticide	Metolachlor	n/a	=	4	%	EPA 525.2	-88	-88	0	30	
2021/22-2	Lab	method blank	12/22/2021	Pesticide	Metribuzin	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1			
2021/22-2	Lab	LCS	12/22/2021	Pesticide	Metribuzin	n/a	=	5.95	µg/L	EPA 525.2	0.03	0.1			
2021/22-2	Lab	LCS, rec	12/22/2021	Pesticide	Metribuzin	n/a	=	119	%	EPA 525.2	-88	-88	50	120	
2021/22-2	Lab	LCS dup	12/22/2021	Pesticide	Metribuzin	n/a	=	5.99	µg/L	EPA 525.2	0.03	0.1			
2021/22-2	Lab	LCS dup, rec	12/22/2021	Pesticide	Metribuzin	n/a	=	120	%	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	
2021/22-2	Lab	LCS, RPD	12/22/2021	Pesticide	Metribuzin	n/a	=	0.6	%	EPA 525.2	-88	-88	0	30	
2021/22-2	Lab	method blank	12/23/2021	Pesticide	Metribuzin	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1			
2021/22-2	Lab	LCS	12/23/2021	Pesticide	Metribuzin	n/a	=	5.95	µg/L	EPA 525.2	0.03	0.1			
2021/22-2	Lab	LCS, rec	12/23/2021	Pesticide	Metribuzin	n/a	=	119	%	EPA 525.2	-88	-88	50	120	
2021/22-2	Lab	LCS dup	12/23/2021	Pesticide	Metribuzin	n/a	=	6.27	µg/L	EPA 525.2	0.03	0.1			EUM
2021/22-2	Lab	LCS dup, rec	12/23/2021	Pesticide	Metribuzin	n/a	=	125	%	EPA 525.2	-88	-88	50	120	EUM
2021/22-2	Lab	LCS, RPD	12/23/2021	Pesticide	Metribuzin	n/a	=	5	%	EPA 525.2	-88	-88	0	30	EUM
2021/22-2	Lab	method blank	12/27/2021	Pesticide	Metribuzin	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1			
2021/22-2	Lab	LCS	12/27/2021	Pesticide	Metribuzin	n/a	=	6.07	µg/L	EPA 525.2	0.03	0.1			EUM
2021/22-2	Lab	LCS, rec	12/27/2021	Pesticide	Metribuzin	n/a	=	121	%	EPA 525.2	-88	-88	50	120	EUM
2021/22-2	Lab	LCS dup	12/27/2021	Pesticide	Metribuzin	n/a	=	5.23	µg/L	EPA 525.2	0.03	0.1			
2021/22-2	Lab	LCS dup, rec	12/27/2021	Pesticide	Metribuzin	n/a	=	105	%	EPA 525.2	-88	-88	50	120	
2021/22-2	Lab	LCS, RPD	12/27/2021	Pesticide	Metribuzin	n/a	=	15	%	EPA 525.2	-88	-88	0	30	
2021/22-2	Lab	method blank	12/29/2021	Pesticide	Metribuzin	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1			
2021/22-2	Lab	LCS	12/29/2021	Pesticide	Metribuzin	n/a	=	5.39	µg/L	EPA 525.2	0.03	0.1			
2021/22-2	Lab	LCS, rec	12/29/2021	Pesticide	Metribuzin	n/a	=	108	%	EPA 525.2	-88	-88	50	120	
2021/22-2	Lab	LCS dup	12/29/2021	Pesticide	Metribuzin	n/a	=	5.46	µg/L	EPA 525.2	0.03	0.1			
2021/22-2	Lab	LCS dup, rec	12/29/2021	Pesticide	Metribuzin	n/a	=	109	%	EPA 525.2	-88	-88	50	120	
2021/22-2	Lab	LCS, RPD	12/29/2021	Pesticide	Metribuzin	n/a	=	1	%	EPA 525.2	-88	-88	0	30	
2021/22-2	000NONPJ	matrix spike	12/28/2021	Pesticide	Mevinphos	n/a	=	0.0261	µg/L	EPA 625.1m	0.0042	0.01			
2021/22-2	000NONPJ	matrix spike, rec	12/28/2021	Pesticide	Mevinphos	n/a	=	52	%	EPA 625.1m	-88	-88	0.1	204	
2021/22-2	000NONPJ	matrix spike dup	12/28/2021	Pesticide	Mevinphos	n/a	=	0.0274	µg/L	EPA 625.1m	0.0042	0.01			
2021/22-2	000NONPJ	matrix spike dup, rec	12/28/2021	Pesticide	Mevinphos	n/a	=	55	%	EPA 625.1m	-88	-88	0.1	204	
2021/22-2	000NONPJ	matrix spike, RPD	12/28/2021	Pesticide	Mevinphos	n/a	=	5	%	EPA 625.1m	-88	-88	0	30	
2021/22-2	Lab	LCS	12/28/2021	Pesticide	Mevinphos	n/a	=	0.0125	µg/L	EPA 625.1m	0.0042	0.01			EUM
2021/22-2	Lab	LCS, rec	12/28/2021	Pesticide	Mevinphos	n/a	=	25	%	EPA 625.1m	-88	-88	26	177	EUM
2021/22-2	Lab	method blank	12/28/2021	Pesticide	Mevinphos	n/a	<	0.0042	µg/L	EPA 625.1m	0.0042	0.01			
2021/22-2	Lab	LCS	1/11/2022	Pesticide	Mevinphos	n/a	DNQ	0.0087	µg/L	EPA 625.1m	0.0042	0.01			EUM
2021/22-2	Lab	LCS, rec	1/11/2022	Pesticide	Mevinphos	n/a	=	17	%	EPA 625.1m	-88	-88	26	177	EUM
2021/22-2	Lab	method blank	1/11/2022	Pesticide	Mevinphos	n/a	<	0.0042	µg/L	EPA 625.1m	0.0042	0.01			
2021/22-2	Lab	LCS	1/11/2022	Pesticide	Mevinphos	n/a	=	0.0195	µg/L	EPA 625.1m	0.0042	0.01			
2021/22-2	Lab	LCS, rec	1/11/2022	Pesticide	Mevinphos	n/a	=	39	%	EPA 625.1m	-88	-88	26	177	
2021/22-2	Lab	method blank	1/11/2022	Pesticide	Mevinphos	n/a	<	0.0042	µg/L	EPA 625.1m	0.0042	0.01			
2021/22-2	ME-SCR	matrix spike	1/11/2022	Pesticide	Mevinphos	n/a	DNQ	0.0371	µg/L	EPA 625.1m	0.021	0.05			
2021/22-2	ME-SCR	matrix spike, rec	1/11/2022	Pesticide	Mevinphos	n/a	=	15	%	EPA 625.1m	-88	-88	0.1	204	
2021/22-2	ME-SCR	matrix spike dup	1/11/2022	Pesticide	Mevinphos	n/a	=	0.159	µg/L	EPA 625.1m	0.021	0.05			IL
2021/22-2	ME-SCR	matrix spike dup, rec	1/11/2022	Pesticide	Mevinphos	n/a	=	64	%	EPA 625.1m	-88	-88	0.1	204	IL
2021/22-2	ME-SCR	matrix spike, RPD	1/11/2022	Pesticide	Mevinphos	n/a	=	124	%	EPA 625.1m	-88	-88	0	30	IL
2021/22-2	Lab	method blank	12/22/2021	Pesticide	Molinate	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1			
2021/22-2	Lab	LCS	12/22/2021	Pesticide	Molinate	n/a	=	6.25	µg/L	EPA 525.2	0.03	0.1			
2021/22-2	Lab	LCS, rec	12/22/2021	Pesticide	Molinate	n/a	=	125	%	EPA 525.2	-88	-88	70	130	
2021/22-2	Lab	LCS dup	12/22/2021	Pesticide	Molinate	n/a	=	6.41	µg/L	EPA 525.2	0.03	0.1			
2021/22-2	Lab	LCS dup, rec	12/22/2021	Pesticide	Molinate	n/a	=	128	%	EPA 525.2	-88	-88	70	130	
2021/22-2	Lab	LCS, RPD	12/22/2021	Pesticide	Molinate	n/a	=	3	%	EPA 525.2	-88	-88	0	30	
2021/22-2	Lab	method blank	12/23/2021	Pesticide	Molinate	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1			
2021/22-2	Lab	LCS	12/23/2021	Pesticide	Molinate	n/a	=	6.12	µg/L	EPA 525.2	0.03	0.1			
2021/22-2	Lab	LCS, rec	12/23/2021	Pesticide	Molinate	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	
2021/22-2	Lab	LCS dup	12/23/2021	Pesticide	Molinate	n/a	=	6.19	µg/L	EPA 525.2	0.03	0.1			
2021/22-2	Lab	LCS dup, rec	12/23/2021	Pesticide	Molinate	n/a	=	124	%	EPA 525.2	-88	-88	70	130	
2021/22-2	Lab	LCS, RPD	12/23/2021	Pesticide	Molinate	n/a	=	1	%	EPA 525.2	-88	-88	0	30	
2021/22-2	Lab	method blank	12/27/2021	Pesticide	Molinate	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1			
2021/22-2	Lab	LCS	12/27/2021	Pesticide	Molinate	n/a	=	6.2	µg/L	EPA 525.2	0.03	0.1			
2021/22-2	Lab	LCS, rec	12/27/2021	Pesticide	Molinate	n/a	=	124	%	EPA 525.2	-88	-88	70	130	
2021/22-2	Lab	LCS dup	12/27/2021	Pesticide	Molinate	n/a	=	6.15	µg/L	EPA 525.2	0.03	0.1			
2021/22-2	Lab	LCS dup, rec	12/27/2021	Pesticide	Molinate	n/a	=	123	%	EPA 525.2	-88	-88	70	130	
2021/22-2	Lab	LCS, RPD	12/27/2021	Pesticide	Molinate	n/a	=	0.9	%	EPA 525.2	-88	-88	0	30	
2021/22-2	Lab	method blank	12/29/2021	Pesticide	Molinate	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1			
2021/22-2	Lab	LCS	12/29/2021	Pesticide	Molinate	n/a	=	5.66	µg/L	EPA 525.2	0.03	0.1			
2021/22-2	Lab	LCS, rec	12/29/2021	Pesticide	Molinate	n/a	=	113	%	EPA 525.2	-88	-88	70	130	
2021/22-2	Lab	LCS dup	12/29/2021	Pesticide	Molinate	n/a	=	5.76	µg/L	EPA 525.2	0.03	0.1			
2021/22-2	Lab	LCS dup, rec	12/29/2021	Pesticide	Molinate	n/a	=	115	%	EPA 525.2	-88	-88	70	130	
2021/22-2	Lab	LCS, RPD	12/29/2021	Pesticide	Molinate	n/a	=	2	%	EPA 525.2	-88	-88	0	30	
2021/22-2	000NONPJ	matrix spike	12/28/2021	Pesticide	Naled	n/a	=	0.0646	µg/L	EPA 625.1m	0.0076	0.01			
2021/22-2	000NONPJ	matrix spike, rec	12/28/2021	Pesticide	Naled	n/a	=	129	%	EPA 625.1m	-88	-88	0.1	206	
2021/22-2	000NONPJ	matrix spike dup	12/28/2021	Pesticide	Naled	n/a	=	0.0643	µg/L	EPA 625.1m	0.0076	0.01			
2021/22-2	000NONPJ	matrix spike dup, rec	12/28/2021	Pesticide	Naled	n/a	=	129	%	EPA 625.1m	-88	-88	0.1	206	
2021/22-2	000NONPJ	matrix spike, RPD	12/28/2021	Pesticide	Naled	n/a	=	0.6	%	EPA 625.1m	-88	-88	0	30	
2021/22-2	Lab	LCS	12/28/2021	Pesticide	Naled	n/a	=	0.0532	µg/L	EPA 625.1m	0.0076	0.01			
2021/22-2	Lab	LCS, rec	12/28/2021	Pesticide	Naled	n/a	=	106	%	EPA 625.1m	-88	-88	10	200	
2021/22-2	Lab	method blank	12/28/2021	Pesticide	Naled	n/a	<	0.0076	µg/L	EPA 625.1m	0.0076	0.01			
2021/22-2	Lab	LCS	1/11/2022	Pesticide	Naled	n/a	=	0.0834	µg/L	EPA 625.1m	0.0076	0.01			
2021/22-2	Lab	LCS, rec	1/11/2022	Pesticide	Naled	n/a	=	167	%	EPA 625.1m	-88	-88	10	200	
2021/22-2	Lab	method blank	1/11/2022	Pesticide	Naled	n/a	<	0.0076	µg/L	EPA 625.1m	0.0076	0.01			
2021/22-2	Lab	LCS	1/11/2022	Pesticide	Naled	n/a	=	0.0553	µg/L	EPA 625.1m	0.0076	0.01			
2021/22-2	Lab	LCS, rec	1/11/2022	Pesticide	Naled	n/a	=	111	%	EPA 625.1m	-88	-88	10	200	
2021/22-2	Lab	method blank	1/11/2022	Pesticide	Naled	n/a	<	0.0076	µg/L	EPA 625.1m	0.0076	0.01			
2021/22-2	ME-SCR	matrix spike	1/11/2022	Pesticide	Naled	n/a	=	0.523	µg/L	EPA 625.1m	0.038	0.05			GB
2021/22-2	ME-SCR	matrix spike, rec	1/11/2022	Pesticide	Naled	n/a	=	209	%	EPA 625.1m	-88	-88	0.1	206	GB
2021/22-2	ME-SCR	matrix spike dup	1/11/2022	Pesticide	Naled	n/a	=	0.489	µg/L	EPA 625.1m	0.038	0.05			
2021/22-2	ME-SCR	matrix spike dup, rec	1/11/2022	Pesticide	Naled	n/a	=	196	%	EPA 625.1m	-88	-88	0.1	206	
2021/22-2	ME-SCR	matrix spike, RPD	1/11/2022	Pesticide	Naled	n/a	=	7	%	EPA 625.1m	-88	-88	0	30	
2021/22-2	000NONPJ	matrix spike	1/6/2022	Pesticide	Pentachlorophenol	n/a	=	3.94	µg/L	EPA 515.4	0.046	0.2			
2021/22-2	000NONPJ	matrix spike, rec	1/6/2022	Pesticide	Pentachlorophenol	n/a	=	98	%	EPA 515.4	-88	-88	70	130	
2021/22-2	000NONPJ	matrix spike dup	1/6/2022	Pesticide	Pentachlorophenol	n/a	=	3.97	µg/L	EPA 515.4	0.046	0.2			
2021/22-2	000NONPJ	matrix spike dup, rec	1/6/2022	Pesticide	Pentachlorophenol	n/a	=	99	%	EPA 515.4	-88	-88	70	130	
2021/22-2	000NONPJ	matrix spike, RPD	1/6/2022	Pesticide	Pentachlorophenol	n/a	=	0.7	%	EPA 515.4	-88	-88	0	30	
2021/22-2	Lab	method blank	1/6/2022	Pesticide	Pentachlorophenol	n/a	<	0.046	µg/L	EPA 515.4	0.046	0.2			
2021/22-2	Lab	LCS	1/6/2022	Pesticide	Pentachlorophenol	n/a	=	3.91	µg/L	EPA 515.4	0.046	0.2			
2021/22-2	Lab	LCS, rec	1/6/2022	Pesticide	Pentachlorophenol	n/a	=	98	%	EPA 515.4	-88	-88	70	130	
2021/22-2	Lab	method blank	1/13/2022	Pesticide	Pentachlorophenol	n/a	<	0.15	µg/L	EPA 8270C	0.15	1			
2021/22-2	Lab	LCS	1/14/2022	Pesticide	Pentachlorophenol	n/a	=	21	µg/L	EPA 8270C	0.15	1			
2021/22-2	Lab	LCS, rec	1/14/2022	Pesticide	Pentachlorophenol	n/a	=	105	%	EPA 8270C	-88	-88	29	106	
2021/22-2	Lab	LCS dup	1/14/2022	Pesticide	Pentachlorophenol	n/a	=	19.3	µg/L	EPA 8270C	0.15	1			
2021/22-2	Lab	LCS dup, rec	1/14/2022	Pesticide	Pentachlorophenol	n/a	=	97	%	EPA 8270C	-88	-88	29	106	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2021/22-2	Lab	LCS, RPD	1/14/2022	Pesticide	Pentachlorophenol	n/a	=	8	%	EPA 8270C	-88	-88	0	30	
2021/22-2	Lab	LCS dup	1/18/2022	Pesticide	Pentachlorophenol	n/a	=	29.1	µg/L	EPA 625.1	0.4	1			EUM
2021/22-2	Lab	LCS dup, rec	1/18/2022	Pesticide	Pentachlorophenol	n/a	=	145	%	EPA 625.1	-88	-88	41	120	EUM
2021/22-2	Lab	LCS, RPD	1/18/2022	Pesticide	Pentachlorophenol	n/a	=	20	%	EPA 625.1	-88	-88	0	30	EUM
2021/22-2	Lab	LCS	1/18/2022	Pesticide	Pentachlorophenol	n/a	=	23.7	µg/L	EPA 625.1	0.4	1			
2021/22-2	Lab	LCS, rec	1/18/2022	Pesticide	Pentachlorophenol	n/a	=	119	%	EPA 625.1	-88	-88	41	120	
2021/22-2	Lab	method blank	1/18/2022	Pesticide	Pentachlorophenol	n/a	<	0.4	µg/L	EPA 625.1	0.4	1			
2021/22-2	000NONPJ	matrix spike	12/28/2021	Pesticide	Phorate	n/a	=	0.0467	µg/L	EPA 625.1m	0.003	0.01			
2021/22-2	000NONPJ	matrix spike, rec	12/28/2021	Pesticide	Phorate	n/a	=	93	%	EPA 625.1m	-88	-88	33	172	
2021/22-2	000NONPJ	matrix spike dup	12/28/2021	Pesticide	Phorate	n/a	=	0.0494	µg/L	EPA 625.1m	0.003	0.01			
2021/22-2	000NONPJ	matrix spike dup, rec	12/28/2021	Pesticide	Phorate	n/a	=	99	%	EPA 625.1m	-88	-88	33	172	
2021/22-2	000NONPJ	matrix spike, RPD	12/28/2021	Pesticide	Phorate	n/a	=	6	%	EPA 625.1m	-88	-88	0	30	
2021/22-2	Lab	LCS	12/28/2021	Pesticide	Phorate	n/a	=	0.0496	µg/L	EPA 625.1m	0.003	0.01			
2021/22-2	Lab	LCS, rec	12/28/2021	Pesticide	Phorate	n/a	=	99	%	EPA 625.1m	-88	-88	61	135	
2021/22-2	Lab	method blank	12/28/2021	Pesticide	Phorate	n/a	<	0.003	µg/L	EPA 625.1m	0.003	0.01			
2021/22-2	Lab	LCS	1/11/2022	Pesticide	Phorate	n/a	=	0.0418	µg/L	EPA 625.1m	0.003	0.01			
2021/22-2	Lab	LCS, rec	1/11/2022	Pesticide	Phorate	n/a	=	84	%	EPA 625.1m	-88	-88	61	135	
2021/22-2	Lab	method blank	1/11/2022	Pesticide	Phorate	n/a	<	0.003	µg/L	EPA 625.1m	0.003	0.01			
2021/22-2	Lab	LCS	1/11/2022	Pesticide	Phorate	n/a	=	0.0497	µg/L	EPA 625.1m	0.003	0.01			
2021/22-2	Lab	LCS, rec	1/11/2022	Pesticide	Phorate	n/a	=	99	%	EPA 625.1m	-88	-88	61	135	
2021/22-2	Lab	method blank	1/11/2022	Pesticide	Phorate	n/a	<	0.003	µg/L	EPA 625.1m	0.003	0.01			
2021/22-2	ME-SCR	matrix spike	1/11/2022	Pesticide	Phorate	n/a	=	0.266	µg/L	EPA 625.1m	0.015	0.05			
2021/22-2	ME-SCR	matrix spike, rec	1/11/2022	Pesticide	Phorate	n/a	=	107	%	EPA 625.1m	-88	-88	33	172	
2021/22-2	ME-SCR	matrix spike dup	1/11/2022	Pesticide	Phorate	n/a	=	0.234	µg/L	EPA 625.1m	0.015	0.05			
2021/22-2	ME-SCR	matrix spike dup, rec	1/11/2022	Pesticide	Phorate	n/a	=	94	%	EPA 625.1m	-88	-88	33	172	
2021/22-2	ME-SCR	matrix spike, RPD	1/11/2022	Pesticide	Phorate	n/a	=	13	%	EPA 625.1m	-88	-88	0	30	
2021/22-2	000NONPJ	matrix spike	1/6/2022	Pesticide	Picloram	n/a	=	4.91	µg/L	EPA 515.4	0.05	0.6			
2021/22-2	000NONPJ	matrix spike, rec	1/6/2022	Pesticide	Picloram	n/a	=	123	%	EPA 515.4	-88	-88	70	130	
2021/22-2	000NONPJ	matrix spike dup	1/6/2022	Pesticide	Picloram	n/a	=	4.92	µg/L	EPA 515.4	0.05	0.6			
2021/22-2	000NONPJ	matrix spike dup, rec	1/6/2022	Pesticide	Picloram	n/a	=	123	%	EPA 515.4	-88	-88	70	130	
2021/22-2	000NONPJ	matrix spike, RPD	1/6/2022	Pesticide	Picloram	n/a	=	0.2	%	EPA 515.4	-88	-88	0	30	
2021/22-2	Lab	method blank	1/6/2022	Pesticide	Picloram	n/a	<	0.05	µg/L	EPA 515.4	0.05	0.6			
2021/22-2	Lab	LCS	1/6/2022	Pesticide	Picloram	n/a	=	4.78	µg/L	EPA 515.4	0.05	0.6			
2021/22-2	Lab	LCS, rec	1/6/2022	Pesticide	Picloram	n/a	=	120	%	EPA 515.4	-88	-88	70	130	
2021/22-2	Lab	method blank	12/22/2021	Pesticide	Prometryn	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1			
2021/22-2	Lab	LCS	12/22/2021	Pesticide	Prometryn	n/a	=	4.09	µg/L	EPA 525.2	0.03	0.1			
2021/22-2	Lab	LCS, rec	12/22/2021	Pesticide	Prometryn	n/a	=	82	%	EPA 525.2	-88	-88	30	120	
2021/22-2	Lab	LCS dup	12/22/2021	Pesticide	Prometryn	n/a	=	4.59	µg/L	EPA 525.2	0.03	0.1			
2021/22-2	Lab	LCS dup, rec	12/22/2021	Pesticide	Prometryn	n/a	=	92	%	EPA 525.2	-88	-88	30	120	
2021/22-2	Lab	LCS, RPD	12/22/2021	Pesticide	Prometryn	n/a	=	12	%	EPA 525.2	-88	-88	0	30	
2021/22-2	Lab	method blank	12/23/2021	Pesticide	Prometryn	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1			
2021/22-2	Lab	LCS	12/23/2021	Pesticide	Prometryn	n/a	=	5.17	µg/L	EPA 525.2	0.03	0.1			
2021/22-2	Lab	LCS, rec	12/23/2021	Pesticide	Prometryn	n/a	=	103	%	EPA 525.2	-88	-88	30	120	
2021/22-2	Lab	LCS dup	12/23/2021	Pesticide	Prometryn	n/a	=	4.96	µg/L	EPA 525.2	0.03	0.1			
2021/22-2	Lab	LCS dup, rec	12/23/2021	Pesticide	Prometryn	n/a	=	99	%	EPA 525.2	-88	-88	30	120	
2021/22-2	Lab	LCS, RPD	12/23/2021	Pesticide	Prometryn	n/a	=	4	%	EPA 525.2	-88	-88	0	30	
2021/22-2	Lab	method blank	12/27/2021	Pesticide	Prometryn	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	
2021/22-2	Lab	LCS	12/27/2021	Pesticide	Prometryn	n/a	=	4.99	µg/L	EPA 525.2	0.03	0.1			
2021/22-2	Lab	LCS, rec	12/27/2021	Pesticide	Prometryn	n/a	=	100	%	EPA 525.2	-88	-88	30	120	
2021/22-2	Lab	LCS dup	12/27/2021	Pesticide	Prometryn	n/a	=	5.02	µg/L	EPA 525.2	0.03	0.1			
2021/22-2	Lab	LCS dup, rec	12/27/2021	Pesticide	Prometryn	n/a	=	100	%	EPA 525.2	-88	-88	30	120	
2021/22-2	Lab	LCS, RPD	12/27/2021	Pesticide	Prometryn	n/a	=	0.7	%	EPA 525.2	-88	-88	0	30	
2021/22-2	Lab	method blank	12/29/2021	Pesticide	Prometryn	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1			
2021/22-2	Lab	LCS	12/29/2021	Pesticide	Prometryn	n/a	=	4.38	µg/L	EPA 525.2	0.03	0.1			
2021/22-2	Lab	LCS, rec	12/29/2021	Pesticide	Prometryn	n/a	=	88	%	EPA 525.2	-88	-88	30	120	
2021/22-2	Lab	LCS dup	12/29/2021	Pesticide	Prometryn	n/a	=	4.6	µg/L	EPA 525.2	0.03	0.1			
2021/22-2	Lab	LCS dup, rec	12/29/2021	Pesticide	Prometryn	n/a	=	92	%	EPA 525.2	-88	-88	30	120	
2021/22-2	Lab	LCS, RPD	12/29/2021	Pesticide	Prometryn	n/a	=	5	%	EPA 525.2	-88	-88	0	30	
2021/22-2	Lab	method blank	12/22/2021	Pesticide	Propachlor	n/a	<	0.081	µg/L	EPA 525.2	0.081	0.2			
2021/22-2	Lab	LCS	12/22/2021	Pesticide	Propachlor	n/a	=	7.13	µg/L	EPA 525.2	0.081	0.2			EUM
2021/22-2	Lab	LCS, rec	12/22/2021	Pesticide	Propachlor	n/a	=	143	%	EPA 525.2	-88	-88	70	130	EUM
2021/22-2	Lab	LCS dup	12/22/2021	Pesticide	Propachlor	n/a	=	7.11	µg/L	EPA 525.2	0.081	0.2			EUM
2021/22-2	Lab	LCS dup, rec	12/22/2021	Pesticide	Propachlor	n/a	=	142	%	EPA 525.2	-88	-88	70	130	EUM
2021/22-2	Lab	LCS, RPD	12/22/2021	Pesticide	Propachlor	n/a	=	0.2	%	EPA 525.2	-88	-88	0	30	EUM
2021/22-2	000NONPJ	matrix spike	12/28/2021	Pesticide	Ronnel (Fenclorpos)	n/a	=	0.0479	µg/L	EPA 625.1m	0.0041	0.01			
2021/22-2	000NONPJ	matrix spike, rec	12/28/2021	Pesticide	Ronnel (Fenclorpos)	n/a	=	96	%	EPA 625.1m	-88	-88	36	145	
2021/22-2	000NONPJ	matrix spike dup	12/28/2021	Pesticide	Ronnel (Fenclorpos)	n/a	=	0.0455	µg/L	EPA 625.1m	0.0041	0.01			
2021/22-2	000NONPJ	matrix spike dup, rec	12/28/2021	Pesticide	Ronnel (Fenclorpos)	n/a	=	91	%	EPA 625.1m	-88	-88	36	145	
2021/22-2	000NONPJ	matrix spike, RPD	12/28/2021	Pesticide	Ronnel (Fenclorpos)	n/a	=	5	%	EPA 625.1m	-88	-88	0	30	
2021/22-2	Lab	LCS	12/28/2021	Pesticide	Ronnel (Fenclorpos)	n/a	=	0.053	µg/L	EPA 625.1m	0.0041	0.01			
2021/22-2	Lab	LCS, rec	12/28/2021	Pesticide	Ronnel (Fenclorpos)	n/a	=	106	%	EPA 625.1m	-88	-88	63	129	
2021/22-2	Lab	method blank	12/28/2021	Pesticide	Ronnel (Fenclorpos)	n/a	<	0.0041	µg/L	EPA 625.1m	0.0041	0.01			
2021/22-2	Lab	LCS	1/11/2022	Pesticide	Ronnel (Fenclorpos)	n/a	=	0.043	µg/L	EPA 625.1m	0.0041	0.01			
2021/22-2	Lab	LCS, rec	1/11/2022	Pesticide	Ronnel (Fenclorpos)	n/a	=	86	%	EPA 625.1m	-88	-88	63	129	
2021/22-2	Lab	method blank	1/11/2022	Pesticide	Ronnel (Fenclorpos)	n/a	<	0.0041	µg/L	EPA 625.1m	0.0041	0.01			
2021/22-2	Lab	LCS	1/11/2022	Pesticide	Ronnel (Fenclorpos)	n/a	=	0.04	µg/L	EPA 625.1m	0.0041	0.01			
2021/22-2	Lab	LCS, rec	1/11/2022	Pesticide	Ronnel (Fenclorpos)	n/a	=	80	%	EPA 625.1m	-88	-88	63	129	
2021/22-2	Lab	method blank	1/11/2022	Pesticide	Ronnel (Fenclorpos)	n/a	<	0.0041	µg/L	EPA 625.1m	0.0041	0.01			
2021/22-2	ME-SCR	matrix spike	1/11/2022	Pesticide	Ronnel (Fenclorpos)	n/a	=	0.267	µg/L	EPA 625.1m	0.02	0.05			
2021/22-2	ME-SCR	matrix spike, rec	1/11/2022	Pesticide	Ronnel (Fenclorpos)	n/a	=	107	%	EPA 625.1m	-88	-88	36	145	
2021/22-2	ME-SCR	matrix spike dup	1/11/2022	Pesticide	Ronnel (Fenclorpos)	n/a	=	0.222	µg/L	EPA 625.1m	0.02	0.05			
2021/22-2	ME-SCR	matrix spike dup, rec	1/11/2022	Pesticide	Ronnel (Fenclorpos)	n/a	=	89	%	EPA 625.1m	-88	-88	36	145	
2021/22-2	ME-SCR	matrix spike, RPD	1/11/2022	Pesticide	Ronnel (Fenclorpos)	n/a	=	18	%	EPA 625.1m	-88	-88	0	30	
2021/22-2	Lab	method blank	12/22/2021	Pesticide	Simazine	n/a	<	0.02	µg/L	EPA 525.2	0.02	0.1			
2021/22-2	Lab	LCS	12/22/2021	Pesticide	Simazine	n/a	=	5.64	µg/L	EPA 525.2	0.02	0.1			
2021/22-2	Lab	LCS, rec	12/22/2021	Pesticide	Simazine	n/a	=	113	%	EPA 525.2	-88	-88	60	130	
2021/22-2	Lab	LCS dup	12/22/2021	Pesticide	Simazine	n/a	=	5.56	µg/L	EPA 525.2	0.02	0.1			
2021/22-2	Lab	LCS dup, rec	12/22/2021	Pesticide	Simazine	n/a	=	111	%	EPA 525.2	-88	-88	60	130	
2021/22-2	Lab	LCS, RPD	12/22/2021	Pesticide	Simazine	n/a	=	1	%	EPA 525.2	-88	-88	0	30	
2021/22-2	Lab	method blank	12/23/2021	Pesticide	Simazine	n/a	<	0.02	µg/L	EPA 525.2	0.02	0.1			
2021/22-2	Lab	LCS	12/23/2021	Pesticide	Simazine	n/a	=	5.82	µg/L	EPA 525.2	0.02	0.1			
2021/22-2	Lab	LCS, rec	12/23/2021	Pesticide	Simazine	n/a	=	116	%	EPA 525.2	-88	-88	60	130	
2021/22-2	Lab	LCS dup	12/23/2021	Pesticide	Simazine	n/a	=	5.91	µg/L	EPA 525.2	0.02	0.1			
2021/22-2	Lab	LCS dup, rec	12/23/2021	Pesticide	Simazine	n/a	=	118	%	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	
2021/22-2	Lab	LCS, RPD	12/23/2021	Pesticide	Simazine	n/a	=	2	%	EPA 525.2	-88	-88	0	30	
2021/22-2	Lab	method blank	12/27/2021	Pesticide	Simazine	n/a	<	0.02	µg/L	EPA 525.2	0.02	0.1			
2021/22-2	Lab	LCS	12/27/2021	Pesticide	Simazine	n/a	=	5.73	µg/L	EPA 525.2	0.02	0.1			
2021/22-2	Lab	LCS, rec	12/27/2021	Pesticide	Simazine	n/a	=	115	%	EPA 525.2	-88	-88	60	130	
2021/22-2	Lab	LCS dup	12/27/2021	Pesticide	Simazine	n/a	=	5.91	µg/L	EPA 525.2	0.02	0.1			
2021/22-2	Lab	LCS dup, rec	12/27/2021	Pesticide	Simazine	n/a	=	118	%	EPA 525.2	-88	-88	60	130	
2021/22-2	Lab	LCS, RPD	12/27/2021	Pesticide	Simazine	n/a	=	3	%	EPA 525.2	-88	-88	0	30	
2021/22-2	Lab	method blank	12/29/2021	Pesticide	Simazine	n/a	<	0.02	µg/L	EPA 525.2	0.02	0.1			
2021/22-2	Lab	LCS	12/29/2021	Pesticide	Simazine	n/a	=	5.25	µg/L	EPA 525.2	0.02	0.1			
2021/22-2	Lab	LCS, rec	12/29/2021	Pesticide	Simazine	n/a	=	105	%	EPA 525.2	-88	-88	60	130	
2021/22-2	Lab	LCS dup	12/29/2021	Pesticide	Simazine	n/a	=	5.52	µg/L	EPA 525.2	0.02	0.1			
2021/22-2	Lab	LCS dup, rec	12/29/2021	Pesticide	Simazine	n/a	=	110	%	EPA 525.2	-88	-88	60	130	
2021/22-2	Lab	LCS, RPD	12/29/2021	Pesticide	Simazine	n/a	=	5	%	EPA 525.2	-88	-88	0	30	
2021/22-2	000NONPJ	matrix spike	12/28/2021	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	=	0.0508	µg/L	EPA 625.1m	0.0031	0.01			
2021/22-2	000NONPJ	matrix spike, rec	12/28/2021	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	=	102	%	EPA 625.1m	-88	-88	0.1	158	
2021/22-2	000NONPJ	matrix spike dup	12/28/2021	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	=	0.0504	µg/L	EPA 625.1m	0.0031	0.01			
2021/22-2	000NONPJ	matrix spike dup, rec	12/28/2021	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	=	101	%	EPA 625.1m	-88	-88	0.1	158	
2021/22-2	000NONPJ	matrix spike, RPD	12/28/2021	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	=	0.9	%	EPA 625.1m	-88	-88	0	30	
2021/22-2	Lab	LCS	12/28/2021	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	=	0.0433	µg/L	EPA 625.1m	0.0031	0.01			
2021/22-2	Lab	LCS, rec	12/28/2021	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	=	87	%	EPA 625.1m	-88	-88	71	184	
2021/22-2	Lab	method blank	12/28/2021	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	<	0.0031	µg/L	EPA 625.1m	0.0031	0.01			
2021/22-2	Lab	LCS	1/11/2022	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	=	0.0582	µg/L	EPA 625.1m	0.0031	0.01			
2021/22-2	Lab	LCS, rec	1/11/2022	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	=	116	%	EPA 625.1m	-88	-88	71	184	
2021/22-2	Lab	method blank	1/11/2022	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	<	0.0031	µg/L	EPA 625.1m	0.0031	0.01			
2021/22-2	Lab	LCS	1/11/2022	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	=	0.0519	µg/L	EPA 625.1m	0.0031	0.01			
2021/22-2	Lab	LCS, rec	1/11/2022	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	=	104	%	EPA 625.1m	-88	-88	71	184	
2021/22-2	Lab	method blank	1/11/2022	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	<	0.0031	µg/L	EPA 625.1m	0.0031	0.01			
2021/22-2	ME-SCR	matrix spike	1/11/2022	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	=	0.363	µg/L	EPA 625.1m	0.016	0.05			
2021/22-2	ME-SCR	matrix spike, rec	1/11/2022	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	=	145	%	EPA 625.1m	-88	-88	0.1	158	
2021/22-2	ME-SCR	matrix spike dup	1/11/2022	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	=	0.348	µg/L	EPA 625.1m	0.016	0.05			
2021/22-2	ME-SCR	matrix spike dup, rec	1/11/2022	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	=	139	%	EPA 625.1m	-88	-88	0.1	158	
2021/22-2	ME-SCR	matrix spike, RPD	1/11/2022	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	=	4	%	EPA 625.1m	-88	-88	0	30	
2021/22-2	Lab	method blank	12/22/2021	Pesticide	Terbacil	n/a	<	0.09	µg/L	EPA 525.2	0.09	2			
2021/22-2	Lab	LCS	12/22/2021	Pesticide	Terbacil	n/a	=	7.77	µg/L	EPA 525.2	0.09	2			EUM
2021/22-2	Lab	LCS, rec	12/22/2021	Pesticide	Terbacil	n/a	=	155	%	EPA 525.2	-88	-88	70	130	EUM
2021/22-2	Lab	LCS dup	12/22/2021	Pesticide	Terbacil	n/a	=	7.73	µg/L	EPA 525.2	0.09	2			EUM
2021/22-2	Lab	LCS dup, rec	12/22/2021	Pesticide	Terbacil	n/a	=	155	%	EPA 525.2	-88	-88	70	130	EUM
2021/22-2	Lab	LCS, RPD	12/22/2021	Pesticide	Terbacil	n/a	=	0.5	%	EPA 525.2	-88	-88	0	30	EUM
2021/22-2	Lab	method blank	12/23/2021	Pesticide	Terbacil	n/a	<	0.09	µg/L	EPA 525.2	0.09	2			
2021/22-2	Lab	LCS	12/23/2021	Pesticide	Terbacil	n/a	=	7.49	µg/L	EPA 525.2	0.09	2			EUM
2021/22-2	Lab	LCS, rec	12/23/2021	Pesticide	Terbacil	n/a	=	150	%	EPA 525.2	-88	-88	70	130	EUM
2021/22-2	Lab	LCS dup	12/23/2021	Pesticide	Terbacil	n/a	=	7.23	µg/L	EPA 525.2	0.09	2			EUM
2021/22-2	Lab	LCS dup, rec	12/23/2021	Pesticide	Terbacil	n/a	=	145	%	EPA 525.2	-88	-88	70	130	EUM
2021/22-2	Lab	LCS, RPD	12/23/2021	Pesticide	Terbacil	n/a	=	4	%	EPA 525.2	-88	-88	0	30	EUM
2021/22-2	Lab	method blank	12/27/2021	Pesticide	Terbacil	n/a	<	0.09	µg/L	EPA 525.2	0.09	2			
2021/22-2	Lab	LCS	12/27/2021	Pesticide	Terbacil	n/a	=	7.23	µg/L	EPA 525.2	0.09	2			EUM
2021/22-2	Lab	LCS, rec	12/27/2021	Pesticide	Terbacil	n/a	=	145	%	EPA 525.2	-88	-88	70	130	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	
2021/22-2	Lab	LCS dup	12/27/2021	Pesticide	Terbacil	n/a	=	6.95	µg/L	EPA 525.2	0.09	2			EUM
2021/22-2	Lab	LCS dup, rec	12/27/2021	Pesticide	Terbacil	n/a	=	139	%	EPA 525.2	-88	-88	70	130	EUM
2021/22-2	Lab	LCS, RPD	12/27/2021	Pesticide	Terbacil	n/a	=	4	%	EPA 525.2	-88	-88	0	30	EUM
2021/22-2	Lab	method blank	12/29/2021	Pesticide	Terbacil	n/a	<	0.09	µg/L	EPA 525.2	0.09	2			
2021/22-2	Lab	LCS	12/29/2021	Pesticide	Terbacil	n/a	=	7.29	µg/L	EPA 525.2	0.09	2			EUM
2021/22-2	Lab	LCS, rec	12/29/2021	Pesticide	Terbacil	n/a	=	146	%	EPA 525.2	-88	-88	70	130	EUM
2021/22-2	Lab	LCS dup	12/29/2021	Pesticide	Terbacil	n/a	=	7.33	µg/L	EPA 525.2	0.09	2			EUM
2021/22-2	Lab	LCS dup, rec	12/29/2021	Pesticide	Terbacil	n/a	=	147	%	EPA 525.2	-88	-88	70	130	EUM
2021/22-2	Lab	LCS, RPD	12/29/2021	Pesticide	Terbacil	n/a	=	0.5	%	EPA 525.2	-88	-88	0	30	EUM
2021/22-2	Lab	method blank	12/22/2021	Pesticide	Thiobencarb	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1			
2021/22-2	Lab	LCS	12/22/2021	Pesticide	Thiobencarb	n/a	=	5.83	µg/L	EPA 525.2	0.03	0.1			
2021/22-2	Lab	LCS, rec	12/22/2021	Pesticide	Thiobencarb	n/a	=	117	%	EPA 525.2	-88	-88	70	130	
2021/22-2	Lab	LCS dup	12/22/2021	Pesticide	Thiobencarb	n/a	=	5.76	µg/L	EPA 525.2	0.03	0.1			
2021/22-2	Lab	LCS dup, rec	12/22/2021	Pesticide	Thiobencarb	n/a	=	115	%	EPA 525.2	-88	-88	70	130	
2021/22-2	Lab	LCS, RPD	12/22/2021	Pesticide	Thiobencarb	n/a	=	1	%	EPA 525.2	-88	-88	0	30	
2021/22-2	Lab	method blank	12/23/2021	Pesticide	Thiobencarb	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1			
2021/22-2	Lab	LCS	12/23/2021	Pesticide	Thiobencarb	n/a	=	5.97	µg/L	EPA 525.2	0.03	0.1			
2021/22-2	Lab	LCS, rec	12/23/2021	Pesticide	Thiobencarb	n/a	=	119	%	EPA 525.2	-88	-88	70	130	
2021/22-2	Lab	LCS dup	12/23/2021	Pesticide	Thiobencarb	n/a	=	6.05	µg/L	EPA 525.2	0.03	0.1			
2021/22-2	Lab	LCS dup, rec	12/23/2021	Pesticide	Thiobencarb	n/a	=	121	%	EPA 525.2	-88	-88	70	130	
2021/22-2	Lab	LCS, RPD	12/23/2021	Pesticide	Thiobencarb	n/a	=	1	%	EPA 525.2	-88	-88	0	30	
2021/22-2	Lab	method blank	12/27/2021	Pesticide	Thiobencarb	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1			
2021/22-2	Lab	LCS	12/27/2021	Pesticide	Thiobencarb	n/a	=	5.91	µg/L	EPA 525.2	0.03	0.1			
2021/22-2	Lab	LCS, rec	12/27/2021	Pesticide	Thiobencarb	n/a	=	118	%	EPA 525.2	-88	-88	70	130	
2021/22-2	Lab	LCS dup	12/27/2021	Pesticide	Thiobencarb	n/a	=	5.96	µg/L	EPA 525.2	0.03	0.1			
2021/22-2	Lab	LCS dup, rec	12/27/2021	Pesticide	Thiobencarb	n/a	=	119	%	EPA 525.2	-88	-88	70	130	
2021/22-2	Lab	LCS, RPD	12/27/2021	Pesticide	Thiobencarb	n/a	=	0.7	%	EPA 525.2	-88	-88	0	30	
2021/22-2	Lab	method blank	12/29/2021	Pesticide	Thiobencarb	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1			
2021/22-2	Lab	LCS	12/29/2021	Pesticide	Thiobencarb	n/a	=	5.13	µg/L	EPA 525.2	0.03	0.1			
2021/22-2	Lab	LCS, rec	12/29/2021	Pesticide	Thiobencarb	n/a	=	103	%	EPA 525.2	-88	-88	70	130	
2021/22-2	Lab	LCS dup	12/29/2021	Pesticide	Thiobencarb	n/a	=	5.34	µg/L	EPA 525.2	0.03	0.1			
2021/22-2	Lab	LCS dup, rec	12/29/2021	Pesticide	Thiobencarb	n/a	=	107	%	EPA 525.2	-88	-88	70	130	
2021/22-2	Lab	LCS, RPD	12/29/2021	Pesticide	Thiobencarb	n/a	=	4	%	EPA 525.2	-88	-88	0	30	
2021/22-2	000NONPJ	matrix spike	12/28/2021	Pesticide	Tokuthion	n/a	=	0.0445	µg/L	EPA 625.1m	0.0078	0.01			
2021/22-2	000NONPJ	matrix spike, rec	12/28/2021	Pesticide	Tokuthion	n/a	=	89	%	EPA 625.1m	-88	-88	35	145	
2021/22-2	000NONPJ	matrix spike dup	12/28/2021	Pesticide	Tokuthion	n/a	=	0.0379	µg/L	EPA 625.1m	0.0078	0.01			
2021/22-2	000NONPJ	matrix spike dup, rec	12/28/2021	Pesticide	Tokuthion	n/a	=	76	%	EPA 625.1m	-88	-88	35	145	
2021/22-2	000NONPJ	matrix spike, RPD	12/28/2021	Pesticide	Tokuthion	n/a	=	16	%	EPA 625.1m	-88	-88	0	30	
2021/22-2	Lab	LCS	12/28/2021	Pesticide	Tokuthion	n/a	=	0.0529	µg/L	EPA 625.1m	0.0078	0.01			
2021/22-2	Lab	LCS, rec	12/28/2021	Pesticide	Tokuthion	n/a	=	106	%	EPA 625.1m	-88	-88	69	149	
2021/22-2	Lab	method blank	12/28/2021	Pesticide	Tokuthion	n/a	<	0.0078	µg/L	EPA 625.1m	0.0078	0.01			
2021/22-2	Lab	LCS	1/11/2022	Pesticide	Tokuthion	n/a	=	0.0429	µg/L	EPA 625.1m	0.0078	0.01			
2021/22-2	Lab	LCS, rec	1/11/2022	Pesticide	Tokuthion	n/a	=	86	%	EPA 625.1m	-88	-88	69	149	
2021/22-2	Lab	method blank	1/11/2022	Pesticide	Tokuthion	n/a	<	0.0078	µg/L	EPA 625.1m	0.0078	0.01			
2021/22-2	Lab	LCS	1/11/2022	Pesticide	Tokuthion	n/a	=	0.0488	µg/L	EPA 625.1m	0.0078	0.01			
2021/22-2	Lab	LCS, rec	1/11/2022	Pesticide	Tokuthion	n/a	=	98	%	EPA 625.1m	-88	-88	69	149	
2021/22-2	Lab	method blank	1/11/2022	Pesticide	Tokuthion	n/a	<	0.0078	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	
2021/22-2	ME-SCR	matrix spike	1/11/2022	Pesticide	Tokuthion	n/a	=	0.224	µg/L	EPA 625.1m	0.039	0.05			
2021/22-2	ME-SCR	matrix spike, rec	1/11/2022	Pesticide	Tokuthion	n/a	=	90	%	EPA 625.1m	-88	-88	35	145	
2021/22-2	ME-SCR	matrix spike dup	1/11/2022	Pesticide	Tokuthion	n/a	=	0.217	µg/L	EPA 625.1m	0.039	0.05			
2021/22-2	ME-SCR	matrix spike dup, rec	1/11/2022	Pesticide	Tokuthion	n/a	=	87	%	EPA 625.1m	-88	-88	35	145	
2021/22-2	ME-SCR	matrix spike, RPD	1/11/2022	Pesticide	Tokuthion	n/a	=	3	%	EPA 625.1m	-88	-88	0	30	
2021/22-2	Lab	method blank	1/13/2022	Pesticide	Toxaphene	n/a	<	0.085	µg/L	EPA 608.3	0.085	0.5			
2021/22-2	000NONPJ	matrix spike	12/28/2021	Pesticide	Trichloronate	n/a	=	0.0437	µg/L	EPA 625.1m	0.0067	0.01			
2021/22-2	000NONPJ	matrix spike, rec	12/28/2021	Pesticide	Trichloronate	n/a	=	87	%	EPA 625.1m	-88	-88	52	133	
2021/22-2	000NONPJ	matrix spike dup	12/28/2021	Pesticide	Trichloronate	n/a	=	0.0397	µg/L	EPA 625.1m	0.0067	0.01			
2021/22-2	000NONPJ	matrix spike dup, rec	12/28/2021	Pesticide	Trichloronate	n/a	=	79	%	EPA 625.1m	-88	-88	52	133	
2021/22-2	000NONPJ	matrix spike, RPD	12/28/2021	Pesticide	Trichloronate	n/a	=	10	%	EPA 625.1m	-88	-88	0	30	
2021/22-2	Lab	LCS	12/28/2021	Pesticide	Trichloronate	n/a	=	0.0525	µg/L	EPA 625.1m	0.0067	0.01			
2021/22-2	Lab	LCS, rec	12/28/2021	Pesticide	Trichloronate	n/a	=	105	%	EPA 625.1m	-88	-88	67	134	
2021/22-2	Lab	method blank	12/28/2021	Pesticide	Trichloronate	n/a	<	0.0067	µg/L	EPA 625.1m	0.0067	0.01			
2021/22-2	Lab	LCS	1/11/2022	Pesticide	Trichloronate	n/a	=	0.0418	µg/L	EPA 625.1m	0.0067	0.01			
2021/22-2	Lab	LCS, rec	1/11/2022	Pesticide	Trichloronate	n/a	=	84	%	EPA 625.1m	-88	-88	67	134	
2021/22-2	Lab	method blank	1/11/2022	Pesticide	Trichloronate	n/a	<	0.0067	µg/L	EPA 625.1m	0.0067	0.01			
2021/22-2	Lab	LCS	1/11/2022	Pesticide	Trichloronate	n/a	=	0.0475	µg/L	EPA 625.1m	0.0067	0.01			
2021/22-2	Lab	LCS, rec	1/11/2022	Pesticide	Trichloronate	n/a	=	95	%	EPA 625.1m	-88	-88	67	134	
2021/22-2	Lab	method blank	1/11/2022	Pesticide	Trichloronate	n/a	<	0.0067	µg/L	EPA 625.1m	0.0067	0.01			
2021/22-2	ME-SCR	matrix spike	1/11/2022	Pesticide	Trichloronate	n/a	=	0.25	µg/L	EPA 625.1m	0.034	0.05			
2021/22-2	ME-SCR	matrix spike, rec	1/11/2022	Pesticide	Trichloronate	n/a	=	100	%	EPA 625.1m	-88	-88	52	133	
2021/22-2	ME-SCR	matrix spike dup	1/11/2022	Pesticide	Trichloronate	n/a	=	0.21	µg/L	EPA 625.1m	0.034	0.05			
2021/22-2	ME-SCR	matrix spike dup, rec	1/11/2022	Pesticide	Trichloronate	n/a	=	84	%	EPA 625.1m	-88	-88	52	133	
2021/22-2	ME-SCR	matrix spike, RPD	1/11/2022	Pesticide	Trichloronate	n/a	=	17	%	EPA 625.1m	-88	-88	0	30	
2021/22-2	Lab	method blank	12/22/2021	Pesticide	Trithion	n/a	<	0.02	µg/L	EPA 525.2	0.02	0.1			
2021/22-2	Lab	LCS	12/22/2021	Pesticide	Trithion	n/a	=	5.98	µg/L	EPA 525.2	0.02	0.1			
2021/22-2	Lab	LCS, rec	12/22/2021	Pesticide	Trithion	n/a	=	120	%	EPA 525.2	-88	-88	70	130	
2021/22-2	Lab	LCS dup	12/22/2021	Pesticide	Trithion	n/a	=	5.92	µg/L	EPA 525.2	0.02	0.1			
2021/22-2	Lab	LCS dup, rec	12/22/2021	Pesticide	Trithion	n/a	=	118	%	EPA 525.2	-88	-88	70	130	
2021/22-2	Lab	LCS, RPD	12/22/2021	Pesticide	Trithion	n/a	=	1	%	EPA 525.2	-88	-88	0	30	
2021/22-2	Lab	method blank	12/23/2021	Pesticide	Trithion	n/a	<	0.02	µg/L	EPA 525.2	0.02	0.1			
2021/22-2	Lab	LCS	12/23/2021	Pesticide	Trithion	n/a	=	6.05	µg/L	EPA 525.2	0.02	0.1			
2021/22-2	Lab	LCS, rec	12/23/2021	Pesticide	Trithion	n/a	=	121	%	EPA 525.2	-88	-88	70	130	
2021/22-2	Lab	LCS dup	12/23/2021	Pesticide	Trithion	n/a	=	6.03	µg/L	EPA 525.2	0.02	0.1			
2021/22-2	Lab	LCS dup, rec	12/23/2021	Pesticide	Trithion	n/a	=	121	%	EPA 525.2	-88	-88	70	130	
2021/22-2	Lab	LCS, RPD	12/23/2021	Pesticide	Trithion	n/a	=	0.3	%	EPA 525.2	-88	-88	0	30	
2021/22-2	Lab	method blank	12/27/2021	Pesticide	Trithion	n/a	<	0.02	µg/L	EPA 525.2	0.02	0.1			
2021/22-2	Lab	LCS	12/27/2021	Pesticide	Trithion	n/a	=	5.34	µg/L	EPA 525.2	0.02	0.1			
2021/22-2	Lab	LCS, rec	12/27/2021	Pesticide	Trithion	n/a	=	107	%	EPA 525.2	-88	-88	70	130	
2021/22-2	Lab	LCS dup	12/27/2021	Pesticide	Trithion	n/a	=	5.33	µg/L	EPA 525.2	0.02	0.1			
2021/22-2	Lab	LCS dup, rec	12/27/2021	Pesticide	Trithion	n/a	=	107	%	EPA 525.2	-88	-88	70	130	
2021/22-2	Lab	LCS, RPD	12/27/2021	Pesticide	Trithion	n/a	=	0.2	%	EPA 525.2	-88	-88	0	30	
2021/22-2	Lab	method blank	12/29/2021	Pesticide	Trithion	n/a	<	0.02	µg/L	EPA 525.2	0.02	0.1			
2021/22-2	Lab	LCS	12/29/2021	Pesticide	Trithion	n/a	=	5.13	µg/L	EPA 525.2	0.02	0.1			
2021/22-2	Lab	LCS, rec	12/29/2021	Pesticide	Trithion	n/a	=	103	%	EPA 525.2	-88	-88	70	130	
2021/22-2	Lab	LCS dup	12/29/2021	Pesticide	Trithion	n/a	=	5.25	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	
2021/22-2	Lab	LCS dup, rec	12/29/2021	Pesticide	Trithion	n/a	=	105	%	EPA 525.2	-88	-88	70	130	
2021/22-2	Lab	LCS, RPD	12/29/2021	Pesticide	Trithion	n/a	=	2	%	EPA 525.2	-88	-88	0	30	
2021/22-3	000NONPJ	matrix spike	4/1/2022	Anion	Chloride	n/a	=	361	mg/L	EPA 300.0	1.9	5			
2021/22-3	000NONPJ	matrix spike, rec	4/1/2022	Anion	Chloride	n/a	=	104	%	EPA 300.0	-88	-88	76	118	
2021/22-3	000NONPJ	matrix spike dup	4/1/2022	Anion	Chloride	n/a	=	362	mg/L	EPA 300.0	1.9	5			
2021/22-3	000NONPJ	matrix spike dup, rec	4/1/2022	Anion	Chloride	n/a	=	105	%	EPA 300.0	-88	-88	76	118	
2021/22-3	000NONPJ	matrix spike, RPD	4/1/2022	Anion	Chloride	n/a	=	0.5	%	EPA 300.0	-88	-88	0	20	
2021/22-3	000NONPJ	matrix spike	4/1/2022	Anion	Chloride	n/a	=	362	mg/L	EPA 300.0	1.9	5			
2021/22-3	000NONPJ	matrix spike, rec	4/1/2022	Anion	Chloride	n/a	=	99	%	EPA 300.0	-88	-88	76	118	
2021/22-3	000NONPJ	matrix spike dup	4/1/2022	Anion	Chloride	n/a	=	362	mg/L	EPA 300.0	1.9	5			
2021/22-3	000NONPJ	matrix spike dup, rec	4/1/2022	Anion	Chloride	n/a	=	99	%	EPA 300.0	-88	-88	76	118	
2021/22-3	000NONPJ	matrix spike, RPD	4/1/2022	Anion	Chloride	n/a	=	0.07	%	EPA 300.0	-88	-88	0	20	
2021/22-3	Lab	method blank	4/1/2022	Anion	Chloride	n/a	<	0.19	mg/L	EPA 300.0	0.19	0.5			
2021/22-3	Lab	LCS	4/1/2022	Anion	Chloride	n/a	=	20.4	mg/L	EPA 300.0	0.19	0.5			
2021/22-3	Lab	LCS, rec	4/1/2022	Anion	Chloride	n/a	=	102	%	EPA 300.0	-88	-88	90	110	
2021/22-3	000NONPJ	matrix spike	4/1/2022	Anion	Fluoride	n/a	=	19.7	mg/L	EPA 300.0	0.09	1			
2021/22-3	000NONPJ	matrix spike, rec	4/1/2022	Anion	Fluoride	n/a	=	98	%	EPA 300.0	-88	-88	86	107	
2021/22-3	000NONPJ	matrix spike dup	4/1/2022	Anion	Fluoride	n/a	=	19.9	mg/L	EPA 300.0	0.09	1			
2021/22-3	000NONPJ	matrix spike dup, rec	4/1/2022	Anion	Fluoride	n/a	=	99	%	EPA 300.0	-88	-88	86	107	
2021/22-3	000NONPJ	matrix spike, RPD	4/1/2022	Anion	Fluoride	n/a	=	0.9	%	EPA 300.0	-88	-88	0	20	
2021/22-3	000NONPJ	matrix spike	4/1/2022	Anion	Fluoride	n/a	=	19	mg/L	EPA 300.0	0.09	1			
2021/22-3	000NONPJ	matrix spike, rec	4/1/2022	Anion	Fluoride	n/a	=	94	%	EPA 300.0	-88	-88	86	107	
2021/22-3	000NONPJ	matrix spike dup	4/1/2022	Anion	Fluoride	n/a	=	19	mg/L	EPA 300.0	0.09	1			
2021/22-3	000NONPJ	matrix spike dup, rec	4/1/2022	Anion	Fluoride	n/a	=	94	%	EPA 300.0	-88	-88	86	107	
2021/22-3	000NONPJ	matrix spike, RPD	4/1/2022	Anion	Fluoride	n/a	=	0.1	%	EPA 300.0	-88	-88	0	20	
2021/22-3	Lab	method blank	4/1/2022	Anion	Fluoride	n/a	<	0.009	mg/L	EPA 300.0	0.009	0.1			
2021/22-3	Lab	LCS	4/1/2022	Anion	Fluoride	n/a	=	2.08	mg/L	EPA 300.0	0.009	0.1			
2021/22-3	Lab	LCS, rec	4/1/2022	Anion	Fluoride	n/a	=	104	%	EPA 300.0	-88	-88	90	110	
2021/22-3	000NONPJ	matrix spike	4/1/2022	Anion	Perchlorate	n/a	=	8.7	µg/L	EPA 314.0	0.39	2			
2021/22-3	000NONPJ	matrix spike, rec	4/1/2022	Anion	Perchlorate	n/a	=	87	%	EPA 314.0	-88	-88	80	120	
2021/22-3	000NONPJ	matrix spike dup	4/1/2022	Anion	Perchlorate	n/a	=	9.29	µg/L	EPA 314.0	0.39	2			
2021/22-3	000NONPJ	matrix spike dup, rec	4/1/2022	Anion	Perchlorate	n/a	=	93	%	EPA 314.0	-88	-88	80	120	
2021/22-3	000NONPJ	matrix spike, RPD	4/1/2022	Anion	Perchlorate	n/a	=	7	%	EPA 314.0	-88	-88	0	15	
2021/22-3	Lab	method blank	4/1/2022	Anion	Perchlorate	n/a	<	0.39	µg/L	EPA 314.0	0.39	2			
2021/22-3	Lab	LCS	4/1/2022	Anion	Perchlorate	n/a	=	10.1	µg/L	EPA 314.0	0.39	2			
2021/22-3	Lab	LCS, rec	4/1/2022	Anion	Perchlorate	n/a	=	101	%	EPA 314.0	-88	-88	85	115	
2021/22-3	Lab	method blank	3/29/2022	Bacteriological	E. Coli	n/a	<	10	MPN/100 mL	MMO-MUG	10	10	-88	10	
2021/22-3	Lab	method blank	3/29/2022	Bacteriological	Total Coliform	n/a	<	10	MPN/100 mL	MMO-MUG	10	10	-88	10	
2021/22-3	Lab	method blank	4/7/2022	Cation	Calcium	Total	<	0.0234	mg/L	EPA 200.7	0.0234	0.5			
2021/22-3	Lab	LCS	4/7/2022	Cation	Calcium	Total	=	49.8	mg/L	EPA 200.7	0.0234	0.5			
2021/22-3	Lab	LCS, rec	4/7/2022	Cation	Calcium	Total	=	100	%	EPA 200.7	-88	-88	85	115	
2021/22-3	Lab	method blank	4/7/2022	Cation	Calcium	Total	<	0.0234	mg/L	EPA 200.7	0.0234	0.5			
2021/22-3	Lab	LCS	4/7/2022	Cation	Calcium	Total	=	48.2	mg/L	EPA 200.7	0.0234	0.5			
2021/22-3	Lab	LCS, rec	4/7/2022	Cation	Calcium	Total	=	97	%	EPA 200.7	-88	-88	85	115	
2021/22-3	ME-CC	matrix spike	4/7/2022	Cation	Calcium	Total	=	88.5	mg/L	EPA 200.7	0.0234	0.5			
2021/22-3	ME-CC	matrix spike, rec	4/7/2022	Cation	Calcium	Total	=	92	%	EPA 200.7	-88	-88	70	130	
2021/22-3	ME-CC	matrix spike dup	4/7/2022	Cation	Calcium	Total	=	88.9	mg/L	EPA 200.7	0.0234	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	
2021/22-3	ME-CC	matrix spike dup, rec	4/7/2022	Cation	Calcium	Total	=	93	%	EPA 200.7	-88	-88	70	130	
2021/22-3	ME-CC	matrix spike, RPD	4/7/2022	Cation	Calcium	Total	=	0.5	%	EPA 200.7	-88	-88	0	30	
2021/22-3	MO-CAM	matrix spike	4/7/2022	Cation	Calcium	Total	=	58.8	mg/L	EPA 200.7	0.0234	0.5			
2021/22-3	MO-CAM	matrix spike, rec	4/7/2022	Cation	Calcium	Total	=	96	%	EPA 200.7	-88	-88	70	130	
2021/22-3	MO-CAM	matrix spike dup	4/7/2022	Cation	Calcium	Total	=	59.3	mg/L	EPA 200.7	0.0234	0.5			
2021/22-3	MO-CAM	matrix spike dup, rec	4/7/2022	Cation	Calcium	Total	=	97	%	EPA 200.7	-88	-88	70	130	
2021/22-3	MO-CAM	matrix spike, RPD	4/7/2022	Cation	Calcium	Total	=	0.8	%	EPA 200.7	-88	-88	0	30	
2021/22-3	MO-FIL	matrix spike	4/7/2022	Cation	Calcium	Total	=	85.5	mg/L	EPA 200.7	0.0234	0.5			
2021/22-3	MO-FIL	matrix spike, rec	4/7/2022	Cation	Calcium	Total	=	95	%	EPA 200.7	-88	-88	70	130	
2021/22-3	MO-FIL	matrix spike dup	4/7/2022	Cation	Calcium	Total	=	85.5	mg/L	EPA 200.7	0.0234	0.5			
2021/22-3	MO-FIL	matrix spike dup, rec	4/7/2022	Cation	Calcium	Total	=	95	%	EPA 200.7	-88	-88	70	130	
2021/22-3	MO-FIL	matrix spike, RPD	4/7/2022	Cation	Calcium	Total	=	0.07	%	EPA 200.7	-88	-88	0	30	
2021/22-3	MO-SPA	matrix spike	4/7/2022	Cation	Calcium	Total	=	58.9	mg/L	EPA 200.7	0.0234	0.5			
2021/22-3	MO-SPA	matrix spike, rec	4/7/2022	Cation	Calcium	Total	=	95	%	EPA 200.7	-88	-88	70	130	
2021/22-3	MO-SPA	matrix spike dup	4/7/2022	Cation	Calcium	Total	=	58.7	mg/L	EPA 200.7	0.0234	0.5			
2021/22-3	MO-SPA	matrix spike dup, rec	4/7/2022	Cation	Calcium	Total	=	95	%	EPA 200.7	-88	-88	70	130	
2021/22-3	MO-SPA	matrix spike, RPD	4/7/2022	Cation	Calcium	Total	=	0.3	%	EPA 200.7	-88	-88	0	30	
2021/22-3	Lab	method blank	4/7/2022	Cation	Magnesium	Total	<	0.039	mg/L	EPA 200.7	0.039	0.5			
2021/22-3	Lab	LCS	4/7/2022	Cation	Magnesium	Total	=	49.7	mg/L	EPA 200.7	0.039	0.5			
2021/22-3	Lab	LCS, rec	4/7/2022	Cation	Magnesium	Total	=	99	%	EPA 200.7	-88	-88	85	115	
2021/22-3	Lab	method blank	4/7/2022	Cation	Magnesium	Total	<	0.039	mg/L	EPA 200.7	0.039	0.5			
2021/22-3	Lab	LCS	4/7/2022	Cation	Magnesium	Total	=	48.2	mg/L	EPA 200.7	0.039	0.5			
2021/22-3	Lab	LCS, rec	4/7/2022	Cation	Magnesium	Total	=	96	%	EPA 200.7	-88	-88	85	115	
2021/22-3	ME-CC	matrix spike	4/7/2022	Cation	Magnesium	Total	=	72.1	mg/L	EPA 200.7	0.039	0.5			
2021/22-3	ME-CC	matrix spike, rec	4/7/2022	Cation	Magnesium	Total	=	95	%	EPA 200.7	-88	-88	70	130	
2021/22-3	ME-CC	matrix spike dup	4/7/2022	Cation	Magnesium	Total	=	72.4	mg/L	EPA 200.7	0.039	0.5			
2021/22-3	ME-CC	matrix spike dup, rec	4/7/2022	Cation	Magnesium	Total	=	96	%	EPA 200.7	-88	-88	70	130	
2021/22-3	ME-CC	matrix spike, RPD	4/7/2022	Cation	Magnesium	Total	=	0.5	%	EPA 200.7	-88	-88	0	30	
2021/22-3	MO-CAM	matrix spike	4/7/2022	Cation	Magnesium	Total	=	51.7	mg/L	EPA 200.7	0.039	0.5			
2021/22-3	MO-CAM	matrix spike, rec	4/7/2022	Cation	Magnesium	Total	=	97	%	EPA 200.7	-88	-88	70	130	
2021/22-3	MO-CAM	matrix spike dup	4/7/2022	Cation	Magnesium	Total	=	52.1	mg/L	EPA 200.7	0.039	0.5			
2021/22-3	MO-CAM	matrix spike dup, rec	4/7/2022	Cation	Magnesium	Total	=	98	%	EPA 200.7	-88	-88	70	130	
2021/22-3	MO-CAM	matrix spike, RPD	4/7/2022	Cation	Magnesium	Total	=	0.7	%	EPA 200.7	-88	-88	0	30	
2021/22-3	MO-FIL	matrix spike	4/7/2022	Cation	Magnesium	Total	=	57.5	mg/L	EPA 200.7	0.039	0.5			
2021/22-3	MO-FIL	matrix spike, rec	4/7/2022	Cation	Magnesium	Total	=	97	%	EPA 200.7	-88	-88	70	130	
2021/22-3	MO-FIL	matrix spike dup	4/7/2022	Cation	Magnesium	Total	=	57.2	mg/L	EPA 200.7	0.039	0.5			
2021/22-3	MO-FIL	matrix spike dup, rec	4/7/2022	Cation	Magnesium	Total	=	97	%	EPA 200.7	-88	-88	70	130	
2021/22-3	MO-FIL	matrix spike, RPD	4/7/2022	Cation	Magnesium	Total	=	0.5	%	EPA 200.7	-88	-88	0	30	
2021/22-3	MO-SPA	matrix spike	4/7/2022	Cation	Magnesium	Total	=	50.6	mg/L	EPA 200.7	0.039	0.5			
2021/22-3	MO-SPA	matrix spike, rec	4/7/2022	Cation	Magnesium	Total	=	97	%	EPA 200.7	-88	-88	70	130	
2021/22-3	MO-SPA	matrix spike dup	4/7/2022	Cation	Magnesium	Total	=	50.5	mg/L	EPA 200.7	0.039	0.5			
2021/22-3	MO-SPA	matrix spike dup, rec	4/7/2022	Cation	Magnesium	Total	=	96	%	EPA 200.7	-88	-88	70	130	
2021/22-3	MO-SPA	matrix spike, RPD	4/7/2022	Cation	Magnesium	Total	=	0.2	%	EPA 200.7	-88	-88	0	30	
2021/22-3	000NONPJ	lab duplicate	3/31/2022	Conventional	Alkalinity as CaCO3	n/a	=	182	mg/L	SM 2320 B	1.9	2		15	
2021/22-3	000NONPJ	lab duplicate	3/31/2022	Conventional	Alkalinity as CaCO3	n/a	=	156	mg/L	SM 2320 B	1.9	5		15	
2021/22-3	Lab	method blank	3/31/2022	Conventional	Alkalinity as CaCO3	n/a	<	1.9	mg/L	SM 2320 B	1.9	2			
2021/22-3	Lab	LCS	3/31/2022	Conventional	Alkalinity as CaCO3	n/a	=	254	mg/L	SM 2320 B	1.9	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	
2021/22-3	Lab	LCS, rec	3/31/2022	Conventional	Alkalinity as CaCO3	n/a	=	102	%	SM 2320 B	-88	-88	94	108	
2021/22-3	Lab	method blank	3/31/2022	Conventional	Alkalinity as CaCO3	n/a	<	1.9	mg/L	SM 2320 B	1.9	5			
2021/22-3	Lab	LCS	3/31/2022	Conventional	Alkalinity as CaCO3	n/a	=	248	mg/L	SM 2320 B	1.9	5			
2021/22-3	Lab	LCS, rec	3/31/2022	Conventional	Alkalinity as CaCO3	n/a	=	99	%	SM 2320 B	-88	-88	94	108	
2021/22-3	000NONPJ	lab duplicate	4/4/2022	Conventional	BOD	n/a	=	5.54	mg/L	SM 5210 B	2	2		20	
2021/22-3	000NONPJ	lab duplicate	4/5/2022	Conventional	BOD	n/a	=	5.72	mg/L	SM 5210 B	2	2		20	
2021/22-3	Lab	method blank	4/3/2022	Conventional	BOD	n/a	<	2	mg/L	SM 5210 B	2	2			
2021/22-3	Lab	method blank	4/3/2022	Conventional	BOD	n/a	<	2	mg/L	SM 5210 B	2	2			
2021/22-3	Lab	method blank	4/3/2022	Conventional	BOD	n/a	<	2	mg/L	SM 5210 B	2	2			
2021/22-3	Lab	LCS	4/4/2022	Conventional	BOD	n/a	=	168	mg/L	SM 5210 B	2	2			
2021/22-3	Lab	LCS, rec	4/4/2022	Conventional	BOD	n/a	=	85	%	SM 5210 B	-88	-88	85	115	
2021/22-3	Lab	method blank	4/4/2022	Conventional	BOD	n/a	<	2	mg/L	SM 5210 B	2	2			
2021/22-3	Lab	method blank	4/4/2022	Conventional	BOD	n/a	<	2	mg/L	SM 5210 B	2	2			
2021/22-3	Lab	method blank	4/4/2022	Conventional	BOD	n/a	<	2	mg/L	SM 5210 B	2	2			
2021/22-3	Lab	LCS	4/4/2022	Conventional	BOD	n/a	=	178	mg/L	SM 5210 B	2	2			
2021/22-3	Lab	LCS, rec	4/4/2022	Conventional	BOD	n/a	=	90	%	SM 5210 B	-88	-88	85	115	
2021/22-3	000NONPJ	lab duplicate	4/7/2022	Conventional	COD	n/a	=	715	mg/L	EPA 410.4	5.8	10		15	
2021/22-3	000NONPJ	matrix spike	4/7/2022	Conventional	COD	n/a	=	2750	mg/L	EPA 410.4	12	20			
2021/22-3	000NONPJ	matrix spike dup	4/7/2022	Conventional	COD	n/a	=	2700	mg/L	EPA 410.4	12	20			
2021/22-3	000NONPJ	matrix spike dup, rec	4/7/2022	Conventional	COD	n/a	=	96	%	EPA 410.4	-88	-88	90	110	
2021/22-3	000NONPJ	matrix spike, rec	4/7/2022	Conventional	COD	n/a	=	98	%	EPA 410.4	-88	-88	90	110	
2021/22-3	000NONPJ	matrix spike, RPD	4/7/2022	Conventional	COD	n/a	=	2	%	EPA 410.4	-88	-88	0	15	
2021/22-3	000NONPJ	matrix spike	4/7/2022	Conventional	COD	n/a	=	231	mg/L	EPA 410.4	12	20			
2021/22-3	000NONPJ	matrix spike dup	4/7/2022	Conventional	COD	n/a	=	230	mg/L	EPA 410.4	12	20			
2021/22-3	000NONPJ	matrix spike dup, rec	4/7/2022	Conventional	COD	n/a	=	101	%	EPA 410.4	-88	-88	90	110	
2021/22-3	000NONPJ	matrix spike, rec	4/7/2022	Conventional	COD	n/a	=	101	%	EPA 410.4	-88	-88	90	110	
2021/22-3	000NONPJ	matrix spike, RPD	4/7/2022	Conventional	COD	n/a	=	0.3	%	EPA 410.4	-88	-88	0	15	
2021/22-3	Lab	LCS	4/7/2022	Conventional	COD	n/a	=	996	mg/L	EPA 410.4	2.9	5			
2021/22-3	Lab	LCS, rec	4/7/2022	Conventional	COD	n/a	=	100	%	EPA 410.4	-88	-88	90	110	
2021/22-3	Lab	method blank	4/7/2022	Conventional	COD	n/a	<	2.9	mg/L	EPA 410.4	2.9	5			
2021/22-3	000NONPJ	matrix spike	4/6/2022	Conventional	Cyanide	Total	=	0.0497	mg/L	ASTM D7511	0.0012	0.002			
2021/22-3	000NONPJ	matrix spike, rec	4/6/2022	Conventional	Cyanide	Total	=	99	%	ASTM D7511	-88	-88	64	136	
2021/22-3	000NONPJ	matrix spike dup	4/6/2022	Conventional	Cyanide	Total	=	0.0492	mg/L	ASTM D7511	0.0012	0.002			
2021/22-3	000NONPJ	matrix spike dup, rec	4/6/2022	Conventional	Cyanide	Total	=	98	%	ASTM D7511	-88	-88	64	136	
2021/22-3	000NONPJ	matrix spike, RPD	4/6/2022	Conventional	Cyanide	Total	=	1	%	ASTM D7511	-88	-88	0	47	
2021/22-3	Lab	LCS	4/6/2022	Conventional	Cyanide	Total	=	0.0522	mg/L	ASTM D7511	0.0012	0.002			
2021/22-3	Lab	LCS, rec	4/6/2022	Conventional	Cyanide	Total	=	104	%	ASTM D7511	-88	-88	84	116	
2021/22-3	Lab	method blank	4/6/2022	Conventional	Cyanide	Total	<	0.0012	mg/L	ASTM D7511	0.0012	0.002			
2021/22-3	Lab	method blank	4/6/2022	Conventional	Cyanide	Total	<	0.0012	mg/L	ASTM D7511	0.0012	0.002			
2021/22-3	Lab	LCS	4/6/2022	Conventional	Cyanide	Total	=	0.0534	mg/L	ASTM D7511	0.0012	0.002			
2021/22-3	Lab	LCS, rec	4/6/2022	Conventional	Cyanide	Total	=	107	%	ASTM D7511	-88	-88	84	116	
2021/22-3	Lab	method blank	4/6/2022	Conventional	Cyanide	Total	<	0.0012	mg/L	ASTM D7511	0.0012	0.002			
2021/22-3	Lab	LCS	4/6/2022	Conventional	Cyanide	Total	=	0.0546	mg/L	ASTM D7511	0.0012	0.002			
2021/22-3	Lab	LCS, rec	4/6/2022	Conventional	Cyanide	Total	=	109	%	ASTM D7511	-88	-88	84	116	
2021/22-3	ME-CC	matrix spike	4/6/2022	Conventional	Cyanide	Total	=	0.0503	mg/L	ASTM D7511	0.0012	0.002			
2021/22-3	ME-CC	matrix spike, rec	4/6/2022	Conventional	Cyanide	Total	=	101	%	ASTM D7511	-88	-88	64	136	
2021/22-3	ME-CC	matrix spike dup	4/6/2022	Conventional	Cyanide	Total	=	0.05	mg/L	ASTM D7511	0.0012	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	
2021/22-3	ME-CC	matrix spike dup, rec	4/6/2022	Conventional	Cyanide	Total	=	100	%	ASTM D7511	-88	-88	64	136	
2021/22-3	ME-CC	matrix spike, RPD	4/6/2022	Conventional	Cyanide	Total	=	0.7	%	ASTM D7511	-88	-88	0	47	
2021/22-3	MO-CAM	field duplicate	4/6/2022	Conventional	Cyanide	Total	<	0.0012	mg/L	ASTM D7511	0.0012	0.002			
2021/22-3	MO-CAM	field blank	4/6/2022	Conventional	Cyanide	Total	<	0.0012	mg/L	ASTM D7511	0.0012	0.002			
2021/22-3	000NONPJ	matrix spike	3/29/2022	Conventional	MBAS	n/a	=	0.314	mg/L	SM 5540 C	0.013	0.05			
2021/22-3	000NONPJ	matrix spike, rec	3/29/2022	Conventional	MBAS	n/a	=	100	%	SM 5540 C	-88	-88	74	123	
2021/22-3	000NONPJ	matrix spike dup	3/29/2022	Conventional	MBAS	n/a	=	0.319	mg/L	SM 5540 C	0.013	0.05			
2021/22-3	000NONPJ	matrix spike dup, rec	3/29/2022	Conventional	MBAS	n/a	=	103	%	SM 5540 C	-88	-88	74	123	
2021/22-3	000NONPJ	matrix spike, RPD	3/29/2022	Conventional	MBAS	n/a	=	2	%	SM 5540 C	-88	-88	0	20	
2021/22-3	Lab	method blank	3/29/2022	Conventional	MBAS	n/a	<	0.013	mg/L	SM 5540 C	0.013	0.05			
2021/22-3	Lab	LCS	3/29/2022	Conventional	MBAS	n/a	=	0.2	mg/L	SM 5540 C	0.013	0.05			
2021/22-3	Lab	LCS, rec	3/29/2022	Conventional	MBAS	n/a	=	100	%	SM 5540 C	-88	-88	82	115	
2021/22-3	000NONPJ	matrix spike	4/6/2022	Conventional	Phenolics	n/a	=	0.248	mg/L	EPA 420.4	0.0068	0.01			
2021/22-3	000NONPJ	matrix spike, rec	4/6/2022	Conventional	Phenolics	n/a	=	95	%	EPA 420.4	-88	-88	90	110	
2021/22-3	000NONPJ	matrix spike dup	4/6/2022	Conventional	Phenolics	n/a	=	0.247	mg/L	EPA 420.4	0.0068	0.01			
2021/22-3	000NONPJ	matrix spike dup, rec	4/6/2022	Conventional	Phenolics	n/a	=	95	%	EPA 420.4	-88	-88	90	110	
2021/22-3	000NONPJ	matrix spike, RPD	4/6/2022	Conventional	Phenolics	n/a	=	0.4	%	EPA 420.4	-88	-88	0	20	
2021/22-3	000NONPJ	matrix spike	4/11/2022	Conventional	Phenolics	n/a	=	0.218	mg/L	EPA 420.4	0.0068	0.01			GB
2021/22-3	000NONPJ	matrix spike, rec	4/11/2022	Conventional	Phenolics	n/a	=	84	%	EPA 420.4	-88	-88	90	110	GB
2021/22-3	000NONPJ	matrix spike dup	4/11/2022	Conventional	Phenolics	n/a	=	0.221	mg/L	EPA 420.4	0.0068	0.01			GB
2021/22-3	000NONPJ	matrix spike dup, rec	4/11/2022	Conventional	Phenolics	n/a	=	85	%	EPA 420.4	-88	-88	90	110	GB
2021/22-3	000NONPJ	matrix spike, RPD	4/11/2022	Conventional	Phenolics	n/a	=	1	%	EPA 420.4	-88	-88	0	20	GB
2021/22-3	000NONPJ	matrix spike	4/11/2022	Conventional	Phenolics	n/a	=	0.453	mg/L	EPA 420.4	0.014	0.02			
2021/22-3	000NONPJ	matrix spike dup	4/11/2022	Conventional	Phenolics	n/a	=	0.45	mg/L	EPA 420.4	0.014	0.02			
2021/22-3	000NONPJ	matrix spike dup, rec	4/11/2022	Conventional	Phenolics	n/a	=	90	%	EPA 420.4	-88	-88	90	110	
2021/22-3	000NONPJ	matrix spike, rec	4/11/2022	Conventional	Phenolics	n/a	=	91	%	EPA 420.4	-88	-88	90	110	
2021/22-3	000NONPJ	matrix spike, RPD	4/11/2022	Conventional	Phenolics	n/a	=	0.6	%	EPA 420.4	-88	-88	0	20	
2021/22-3	Lab	method blank	4/6/2022	Conventional	Phenolics	n/a	<	0.0068	mg/L	EPA 420.4	0.0068	0.01			
2021/22-3	Lab	LCS	4/6/2022	Conventional	Phenolics	n/a	=	0.0974	mg/L	EPA 420.4	0.0068	0.01			
2021/22-3	Lab	LCS, rec	4/6/2022	Conventional	Phenolics	n/a	=	97	%	EPA 420.4	-88	-88	90	110	
2021/22-3	Lab	method blank	4/11/2022	Conventional	Phenolics	n/a	<	0.0068	mg/L	EPA 420.4	0.0068	0.01			
2021/22-3	Lab	LCS	4/11/2022	Conventional	Phenolics	n/a	=	0.0913	mg/L	EPA 420.4	0.0068	0.01			
2021/22-3	Lab	LCS, rec	4/11/2022	Conventional	Phenolics	n/a	=	91	%	EPA 420.4	-88	-88	90	110	
2021/22-3	000NONPJ	lab duplicate	3/29/2022	Conventional	Specific Conductance	n/a	=	1330	µmhos/cm	SM 2510 B	2.1	4		5	
2021/22-3	Lab	method blank	3/29/2022	Conventional	Specific Conductance	n/a	<	1.1	µmhos/cm	SM 2510 B	1.1	2			
2021/22-3	Lab	LCS	3/29/2022	Conventional	Specific Conductance	n/a	=	437	µmhos/cm	SM 2510 B	1.1	2			
2021/22-3	Lab	LCS, rec	3/29/2022	Conventional	Specific Conductance	n/a	=	98	%	SM 2510 B	-88	-88	95	105	
2021/22-3	Lab	method blank	4/8/2022	Conventional	Specific Conductance	n/a	<	1.1	µmhos/cm	SM 2510 B	1.1	2			
2021/22-3	Lab	LCS	4/8/2022	Conventional	Specific Conductance	n/a	=	460	µmhos/cm	SM 2510 B	1.1	2			
2021/22-3	Lab	LCS, rec	4/8/2022	Conventional	Specific Conductance	n/a	=	103	%	SM 2510 B	-88	-88	95	105	
2021/22-3	Lab	LCS	4/9/2022	Conventional	Specific Conductance	n/a	=	447	µmhos/cm	SM 2510 B	1.1	2			
2021/22-3	Lab	LCS, rec	4/9/2022	Conventional	Specific Conductance	n/a	=	100	%	SM 2510 B	-88	-88	95	105	
2021/22-3	Lab	method blank	4/9/2022	Conventional	Specific Conductance	n/a	DNQ	1.17	µmhos/cm	SM 2510 B	1.1	2			IP
2021/22-3	MO-HUE	lab duplicate	4/8/2022	Conventional	Specific Conductance	n/a	=	3160	µmhos/cm	SM 2510 B	4.3	8		5	
2021/22-3	000NONPJ	lab duplicate	3/29/2022	Conventional	Total Chlorine Residual	n/a	DNQ	0.044	mg/L	SM 4500-Cl G	0.031	0.05		15	
2021/22-3	000NONPJ	matrix spike	3/29/2022	Conventional	Total Chlorine Residual	n/a	=	0.231	mg/L	SM 4500-Cl G	0.031	0.05			
2021/22-3	000NONPJ	matrix spike dup	3/29/2022	Conventional	Total Chlorine Residual	n/a	=	0.228	mg/L	SM 4500-Cl G	0.031	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	
2021/22-3	000NONPJ	matrix spike dup, rec	3/29/2022	Conventional	Total Chlorine Residual	n/a	=	91	%	SM 4500-Cl G	-88	-88	78	114	
2021/22-3	000NONPJ	matrix spike, rec	3/29/2022	Conventional	Total Chlorine Residual	n/a	=	92	%	SM 4500-Cl G	-88	-88	78	114	
2021/22-3	000NONPJ	matrix spike, RPD	3/29/2022	Conventional	Total Chlorine Residual	n/a	=	1	%	SM 4500-Cl G	-88	-88	0	15	
2021/22-3	Lab	LCS	3/29/2022	Conventional	Total Chlorine Residual	n/a	=	0.192	mg/L	SM 4500-Cl G	0.031	0.05			
2021/22-3	Lab	LCS, rec	3/29/2022	Conventional	Total Chlorine Residual	n/a	=	96	%	SM 4500-Cl G	-88	-88	85	110	
2021/22-3	Lab	method blank	3/29/2022	Conventional	Total Chlorine Residual	n/a	<	0.031	mg/L	SM 4500-Cl G	0.031	0.05			
2021/22-3	000NONPJ	lab duplicate	3/31/2022	Conventional	Total Dissolved Solids	n/a	=	2710	mg/L	SM 2540 C	4	10		10	
2021/22-3	000NONPJ	lab duplicate	3/31/2022	Conventional	Total Dissolved Solids	n/a	=	2460	mg/L	SM 2540 C	4	10		10	
2021/22-3	000NONPJ	lab duplicate	4/1/2022	Conventional	Total Dissolved Solids	n/a	=	990	mg/L	SM 2540 C	4	10		10	
2021/22-3	000NONPJ	lab duplicate	4/1/2022	Conventional	Total Dissolved Solids	n/a	=	768	mg/L	SM 2540 C	4	10		10	
2021/22-3	000NONPJ	lab duplicate	4/4/2022	Conventional	Total Dissolved Solids	n/a	=	685	mg/L	SM 2540 C	4	10		10	
2021/22-3	000NONPJ	lab duplicate	4/4/2022	Conventional	Total Dissolved Solids	n/a	=	878	mg/L	SM 2540 C	4	10		10	
2021/22-3	000NONPJ	lab duplicate	4/5/2022	Conventional	Total Dissolved Solids	n/a	=	20400	mg/L	SM 2540 C	4	10		10	
2021/22-3	000NONPJ	lab duplicate	4/5/2022	Conventional	Total Dissolved Solids	n/a	=	34500	mg/L	SM 2540 C	4	10		10	
2021/22-3	Lab	LCS	3/31/2022	Conventional	Total Dissolved Solids	n/a	=	826	mg/L	SM 2540 C	4	10			
2021/22-3	Lab	LCS, rec	3/31/2022	Conventional	Total Dissolved Solids	n/a	=	100	%	SM 2540 C	-88	-88	96	102	
2021/22-3	Lab	method blank	3/31/2022	Conventional	Total Dissolved Solids	n/a	<	4	mg/L	SM 2540 C	4	10			
2021/22-3	Lab	LCS	4/1/2022	Conventional	Total Dissolved Solids	n/a	=	825	mg/L	SM 2540 C	4	10			
2021/22-3	Lab	LCS, rec	4/1/2022	Conventional	Total Dissolved Solids	n/a	=	100	%	SM 2540 C	-88	-88	96	102	
2021/22-3	Lab	method blank	4/1/2022	Conventional	Total Dissolved Solids	n/a	<	4	mg/L	SM 2540 C	4	10			
2021/22-3	Lab	LCS	4/4/2022	Conventional	Total Dissolved Solids	n/a	=	824	mg/L	SM 2540 C	4	10			
2021/22-3	Lab	LCS, rec	4/4/2022	Conventional	Total Dissolved Solids	n/a	=	100	%	SM 2540 C	-88	-88	96	102	
2021/22-3	Lab	method blank	4/4/2022	Conventional	Total Dissolved Solids	n/a	<	4	mg/L	SM 2540 C	4	10			
2021/22-3	Lab	LCS	4/5/2022	Conventional	Total Dissolved Solids	n/a	=	823	mg/L	SM 2540 C	4	10			
2021/22-3	Lab	LCS, rec	4/5/2022	Conventional	Total Dissolved Solids	n/a	=	100	%	SM 2540 C	-88	-88	96	102	
2021/22-3	Lab	method blank	4/5/2022	Conventional	Total Dissolved Solids	n/a	<	4	mg/L	SM 2540 C	4	10			
2021/22-3	000NONPJ	matrix spike	3/29/2022	Conventional	Total Organic Carbon	n/a	=	47.5	mg/L	SM 5310 B	0.19	0.3			
2021/22-3	000NONPJ	matrix spike, rec	3/29/2022	Conventional	Total Organic Carbon	n/a	=	99	%	SM 5310 B	-88	-88	76	115	
2021/22-3	000NONPJ	matrix spike dup	3/29/2022	Conventional	Total Organic Carbon	n/a	=	47.7	mg/L	SM 5310 B	0.19	0.3			
2021/22-3	000NONPJ	matrix spike dup, rec	3/29/2022	Conventional	Total Organic Carbon	n/a	=	103	%	SM 5310 B	-88	-88	76	115	
2021/22-3	000NONPJ	matrix spike, RPD	3/29/2022	Conventional	Total Organic Carbon	n/a	=	0.5	%	SM 5310 B	-88	-88	0	20	
2021/22-3	000NONPJ	matrix spike	4/14/2022	Conventional	Total Organic Carbon	n/a	=	5.16	mg/L	SM 5310 B	0.19	0.3			
2021/22-3	000NONPJ	matrix spike, rec	4/14/2022	Conventional	Total Organic Carbon	n/a	=	92	%	SM 5310 B	-88	-88	76	115	
2021/22-3	000NONPJ	matrix spike dup	4/14/2022	Conventional	Total Organic Carbon	n/a	=	5.11	mg/L	SM 5310 B	0.19	0.3			
2021/22-3	000NONPJ	matrix spike dup, rec	4/14/2022	Conventional	Total Organic Carbon	n/a	=	91	%	SM 5310 B	-88	-88	76	115	
2021/22-3	000NONPJ	matrix spike, RPD	4/14/2022	Conventional	Total Organic Carbon	n/a	=	1	%	SM 5310 B	-88	-88	0	20	
2021/22-3	Lab	method blank	3/29/2022	Conventional	Total Organic Carbon	n/a	<	0.19	mg/L	SM 5310 B	0.19	0.3			
2021/22-3	Lab	LCS	3/30/2022	Conventional	Total Organic Carbon	n/a	=	0.952	mg/L	SM 5310 B	0.19	0.3			
2021/22-3	Lab	LCS, rec	3/30/2022	Conventional	Total Organic Carbon	n/a	=	95	%	SM 5310 B	-88	-88	85	115	
2021/22-3	Lab	method blank	4/14/2022	Conventional	Total Organic Carbon	n/a	<	0.19	mg/L	SM 5310 B	0.19	0.3			
2021/22-3	Lab	LCS	4/14/2022	Conventional	Total Organic Carbon	n/a	=	1.09	mg/L	SM 5310 B	0.19	0.3			
2021/22-3	Lab	LCS, rec	4/14/2022	Conventional	Total Organic Carbon	n/a	=	109	%	SM 5310 B	-88	-88	85	115	
2021/22-3	000NONPJ	lab duplicate	4/2/2022	Conventional	Total Suspended Solids	n/a	=	169	mg/L	SM 2540 D	-88	5		20	
2021/22-3	000NONPJ	lab duplicate	4/2/2022	Conventional	Total Suspended Solids	n/a	=	146	mg/L	SM 2540 D	-88	5		20	
2021/22-3	000NONPJ	lab duplicate	4/2/2022	Conventional	Total Suspended Solids	n/a	=	163	mg/L	SM 2540 D	-88	5		20	
2021/22-3	000NONPJ	lab duplicate	4/4/2022	Conventional	Total Suspended Solids	n/a	=	17.2	mg/L	SM 2540 D	-88	5		20	
2021/22-3	000NONPJ	lab duplicate	4/4/2022	Conventional	Total Suspended Solids	n/a	=	233	mg/L	SM 2540 D	-88	5		20	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2021/22-3	Lab	LCS	4/2/2022	Conventional	Total Suspended Solids	n/a	=	71.9	mg/L	SM 2540 D	-88	5			
2021/22-3	Lab	LCS, rec	4/2/2022	Conventional	Total Suspended Solids	n/a	=	108	%	SM 2540 D	-88	-88	90	110	
2021/22-3	Lab	method blank	4/2/2022	Conventional	Total Suspended Solids	n/a	<	5	mg/L	SM 2540 D	-88	5			
2021/22-3	Lab	LCS	4/2/2022	Conventional	Total Suspended Solids	n/a	=	57.8	mg/L	SM 2540 D	-88	5			
2021/22-3	Lab	LCS, rec	4/2/2022	Conventional	Total Suspended Solids	n/a	=	102	%	SM 2540 D	-88	-88	90	110	
2021/22-3	Lab	method blank	4/2/2022	Conventional	Total Suspended Solids	n/a	<	5	mg/L	SM 2540 D	-88	5			
2021/22-3	Lab	LCS	4/4/2022	Conventional	Total Suspended Solids	n/a	=	59.1	mg/L	SM 2540 D	-88	5			
2021/22-3	Lab	LCS, rec	4/4/2022	Conventional	Total Suspended Solids	n/a	=	102	%	SM 2540 D	-88	-88	90	110	
2021/22-3	Lab	method blank	4/4/2022	Conventional	Total Suspended Solids	n/a	<	5	mg/L	SM 2540 D	-88	5			
2021/22-3	ME-CC	lab duplicate	4/2/2022	Conventional	Total Suspended Solids	n/a	=	851	mg/L	SM 2540 D	-88	5		20	
2021/22-3	Lab	LCS	3/29/2022	Conventional	Turbidity	n/a	=	1.9	NTU	EPA 180.1	0.017	0.1			
2021/22-3	Lab	LCS	3/29/2022	Conventional	Turbidity	n/a	=	9.92	NTU	EPA 180.1	0.017	0.1			
2021/22-3	Lab	LCS, rec	3/29/2022	Conventional	Turbidity	n/a	=	99	%	EPA 180.1	-88	-88	90	110	
2021/22-3	Lab	LCS, rec	3/29/2022	Conventional	Turbidity	n/a	=	95	%	EPA 180.1	-88	-88	90	110	
2021/22-3	Lab	method blank	3/29/2022	Conventional	Turbidity	n/a	DNQ	0.02	NTU	EPA 180.1	0.017	0.1			IP
2021/22-3	Lab	LCS	3/30/2022	Conventional	Turbidity	n/a	=	1.94	NTU	EPA 180.1	0.017	0.1			
2021/22-3	Lab	LCS	3/30/2022	Conventional	Turbidity	n/a	=	9.95	NTU	EPA 180.1	0.017	0.1			
2021/22-3	Lab	LCS, rec	3/30/2022	Conventional	Turbidity	n/a	=	97	%	EPA 180.1	-88	-88	90	110	
2021/22-3	Lab	LCS, rec	3/30/2022	Conventional	Turbidity	n/a	=	100	%	EPA 180.1	-88	-88	90	110	
2021/22-3	Lab	method blank	3/30/2022	Conventional	Turbidity	n/a	DNQ	0.02	NTU	EPA 180.1	0.017	0.1			IP
2021/22-3	ME-VR2	lab duplicate	3/30/2022	Conventional	Turbidity	n/a	=	41	NTU	EPA 180.1	0.085	0.5		10	
2021/22-3	MO-MEI	lab duplicate	3/29/2022	Conventional	Turbidity	n/a	=	72.5	NTU	EPA 180.1	0.085	0.5		10	
2021/22-3	000NONPJ	lab duplicate	4/2/2022	Conventional	Volatile Suspended Solids	n/a	=	30	mg/L	EPA 160.4	3.1	5		15	
2021/22-3	000NONPJ	lab duplicate	4/2/2022	Conventional	Volatile Suspended Solids	n/a	=	65	mg/L	EPA 160.4	3.1	5		15	
2021/22-3	000NONPJ	lab duplicate	4/2/2022	Conventional	Volatile Suspended Solids	n/a	=	64	mg/L	EPA 160.4	3.1	5		15	
2021/22-3	000NONPJ	lab duplicate	4/4/2022	Conventional	Volatile Suspended Solids	n/a	=	12	mg/L	EPA 160.4	3.1	5		15	
2021/22-3	Lab	LCS	4/2/2022	Conventional	Volatile Suspended Solids	n/a	=	47	mg/L	EPA 160.4	3.1	5			
2021/22-3	Lab	LCS, rec	4/2/2022	Conventional	Volatile Suspended Solids	n/a	=	100	%	EPA 160.4	-88	-88	90	110	
2021/22-3	Lab	method blank	4/2/2022	Conventional	Volatile Suspended Solids	n/a	<	3.1	mg/L	EPA 160.4	3.1	5			
2021/22-3	Lab	LCS	4/2/2022	Conventional	Volatile Suspended Solids	n/a	=	42	mg/L	EPA 160.4	3.1	5			
2021/22-3	Lab	LCS, rec	4/2/2022	Conventional	Volatile Suspended Solids	n/a	=	104	%	EPA 160.4	-88	-88	90	110	
2021/22-3	Lab	method blank	4/2/2022	Conventional	Volatile Suspended Solids	n/a	<	3.1	mg/L	EPA 160.4	3.1	5			
2021/22-3	Lab	LCS	4/4/2022	Conventional	Volatile Suspended Solids	n/a	=	44	mg/L	EPA 160.4	3.1	5			
2021/22-3	Lab	LCS, rec	4/4/2022	Conventional	Volatile Suspended Solids	n/a	=	107	%	EPA 160.4	-88	-88	90	110	
2021/22-3	Lab	method blank	4/4/2022	Conventional	Volatile Suspended Solids	n/a	<	3.1	mg/L	EPA 160.4	3.1	5			
2021/22-3	ME-CC	lab duplicate	4/2/2022	Conventional	Volatile Suspended Solids	n/a	=	100	mg/L	EPA 160.4	3.1	5		15	
2021/22-3	Lab	method blank	4/1/2022	Hydrocarbon	Diesel Range Organics	n/a	<	0.072	mg/L	EPA 8015B	0.072	0.1			
2021/22-3	Lab	LCS	4/1/2022	Hydrocarbon	Diesel Range Organics	n/a	=	0.424	mg/L	EPA 8015B	0.072	0.1			
2021/22-3	Lab	LCS, rec	4/1/2022	Hydrocarbon	Diesel Range Organics	n/a	=	85	%	EPA 8015B	-88	-88	70	130	
2021/22-3	Lab	LCS dup	4/1/2022	Hydrocarbon	Diesel Range Organics	n/a	=	0.403	mg/L	EPA 8015B	0.072	0.1			
2021/22-3	Lab	LCS dup, rec	4/1/2022	Hydrocarbon	Diesel Range Organics	n/a	=	81	%	EPA 8015B	-88	-88	70	130	
2021/22-3	Lab	LCS, RPD	4/1/2022	Hydrocarbon	Diesel Range Organics	n/a	=	5	%	EPA 8015B	-88	-88	0	25	
2021/22-3	Lab	LCS	3/30/2022	Hydrocarbon	Gasoline Range Organics	n/a	=	0.848	mg/L	EPA 8260B	0.065	0.1			
2021/22-3	Lab	LCS, rec	3/30/2022	Hydrocarbon	Gasoline Range Organics	n/a	=	85	%	EPA 8260B	-88	-88	53	136	
2021/22-3	Lab	LCS dup	3/30/2022	Hydrocarbon	Gasoline Range Organics	n/a	=	0.877	mg/L	EPA 8260B	0.065	0.1			
2021/22-3	Lab	LCS dup, rec	3/30/2022	Hydrocarbon	Gasoline Range Organics	n/a	=	88	%	EPA 8260B	-88	-88	53	136	
2021/22-3	Lab	LCS, RPD	3/30/2022	Hydrocarbon	Gasoline Range Organics	n/a	=	3	%	EPA 8260B	-88	-88	0	25	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2021/22-3	Lab	method blank	3/30/2022	Hydrocarbon	Gasoline Range Organics	n/a	<	0.065	mg/L	EPA 8260B	0.065	0.1			
2021/22-3	Lab	method blank	4/1/2022	Hydrocarbon	Gasoline Range Organics	n/a	<	0.33	mg/L	EPA 8015B	0.33	0.5			
2021/22-3	MO-CAM	field duplicate	3/30/2022	Hydrocarbon	Gasoline Range Organics	n/a	<	0.065	mg/L	EPA 8260B	0.065	0.1			
2021/22-3	MO-CAM	field blank	3/30/2022	Hydrocarbon	Gasoline Range Organics	n/a	<	0.065	mg/L	EPA 8260B	0.065	0.1			
2021/22-3	Lab	srgt method blank	4/1/2022	Hydrocarbon	n-Tetracosane	n/a	=	0.249	mg/L	EPA 8015B	-88	-88			
2021/22-3	Lab	srgt method blank, rec	4/1/2022	Hydrocarbon	n-Tetracosane	n/a	=	100	%	EPA 8015B	-88	-88	64	155	
2021/22-3	Lab	srgt LCS	4/1/2022	Hydrocarbon	n-Tetracosane	n/a	=	0.222	mg/L	EPA 8015B	-88	-88			
2021/22-3	Lab	srgt LCS, rec	4/1/2022	Hydrocarbon	n-Tetracosane	n/a	=	89	%	EPA 8015B	-88	-88	64	155	
2021/22-3	Lab	srgt LCS dup	4/1/2022	Hydrocarbon	n-Tetracosane	n/a	=	0.218	mg/L	EPA 8015B	-88	-88			
2021/22-3	Lab	srgt LCS dup, rec	4/1/2022	Hydrocarbon	n-Tetracosane	n/a	=	87	%	EPA 8015B	-88	-88	64	155	
2021/22-3	ME-CC	srgt environ	4/1/2022	Hydrocarbon	n-Tetracosane	n/a	=	0.196	mg/L	EPA 8015B	-88	-88			
2021/22-3	ME-CC	srgt environ, rec	4/1/2022	Hydrocarbon	n-Tetracosane	n/a	=	79	%	EPA 8015B	-88	-88	64	155	
2021/22-3	ME-SCR	srgt environ	4/1/2022	Hydrocarbon	n-Tetracosane	n/a	=	0.221	mg/L	EPA 8015B	-88	-88			
2021/22-3	ME-SCR	srgt environ, rec	4/1/2022	Hydrocarbon	n-Tetracosane	n/a	=	88	%	EPA 8015B	-88	-88	64	155	
2021/22-3	ME-VR2	srgt environ	4/1/2022	Hydrocarbon	n-Tetracosane	n/a	=	0.229	mg/L	EPA 8015B	-88	-88			
2021/22-3	ME-VR2	srgt environ, rec	4/1/2022	Hydrocarbon	n-Tetracosane	n/a	=	91	%	EPA 8015B	-88	-88	64	155	
2021/22-3	MO-CAM	srgt environ	4/1/2022	Hydrocarbon	n-Tetracosane	n/a	=	0.289	mg/L	EPA 8015B	-88	-88			
2021/22-3	MO-CAM	srgt environ, rec	4/1/2022	Hydrocarbon	n-Tetracosane	n/a	=	116	%	EPA 8015B	-88	-88	64	155	
2021/22-3	MO-FIL	srgt environ	4/1/2022	Hydrocarbon	n-Tetracosane	n/a	=	0.209	mg/L	EPA 8015B	-88	-88			
2021/22-3	MO-FIL	srgt environ, rec	4/1/2022	Hydrocarbon	n-Tetracosane	n/a	=	84	%	EPA 8015B	-88	-88	64	155	
2021/22-3	MO-HUE	srgt environ	4/1/2022	Hydrocarbon	n-Tetracosane	n/a	=	0.256	mg/L	EPA 8015B	-88	-88			
2021/22-3	MO-HUE	srgt environ, rec	4/1/2022	Hydrocarbon	n-Tetracosane	n/a	=	103	%	EPA 8015B	-88	-88	64	155	
2021/22-3	MO-MEI	srgt environ	4/1/2022	Hydrocarbon	n-Tetracosane	n/a	=	0.187	mg/L	EPA 8015B	-88	-88			
2021/22-3	MO-MEI	srgt environ, rec	4/1/2022	Hydrocarbon	n-Tetracosane	n/a	=	75	%	EPA 8015B	-88	-88	64	155	
2021/22-3	MO-MPK	srgt environ	4/1/2022	Hydrocarbon	n-Tetracosane	n/a	=	0.211	mg/L	EPA 8015B	-88	-88			
2021/22-3	MO-MPK	srgt environ, rec	4/1/2022	Hydrocarbon	n-Tetracosane	n/a	=	84	%	EPA 8015B	-88	-88	64	155	
2021/22-3	MO-OJA	srgt environ	4/1/2022	Hydrocarbon	n-Tetracosane	n/a	=	0.199	mg/L	EPA 8015B	-88	-88			
2021/22-3	MO-OJA	srgt environ, rec	4/1/2022	Hydrocarbon	n-Tetracosane	n/a	=	80	%	EPA 8015B	-88	-88	64	155	
2021/22-3	MO-OXN	srgt environ	4/1/2022	Hydrocarbon	n-Tetracosane	n/a	=	0.198	mg/L	EPA 8015B	-88	-88			
2021/22-3	MO-OXN	srgt environ, rec	4/1/2022	Hydrocarbon	n-Tetracosane	n/a	=	79	%	EPA 8015B	-88	-88	64	155	
2021/22-3	MO-SIM	srgt environ	4/1/2022	Hydrocarbon	n-Tetracosane	n/a	=	0.182	mg/L	EPA 8015B	-88	-88			
2021/22-3	MO-SIM	srgt environ, rec	4/1/2022	Hydrocarbon	n-Tetracosane	n/a	=	73	%	EPA 8015B	-88	-88	64	155	
2021/22-3	MO-SPA	srgt environ	4/1/2022	Hydrocarbon	n-Tetracosane	n/a	=	0.205	mg/L	EPA 8015B	-88	-88			
2021/22-3	MO-SPA	srgt environ, rec	4/1/2022	Hydrocarbon	n-Tetracosane	n/a	=	82	%	EPA 8015B	-88	-88	64	155	
2021/22-3	MO-THO	srgt environ	4/1/2022	Hydrocarbon	n-Tetracosane	n/a	=	0.251	mg/L	EPA 8015B	-88	-88			
2021/22-3	MO-THO	srgt environ, rec	4/1/2022	Hydrocarbon	n-Tetracosane	n/a	=	101	%	EPA 8015B	-88	-88	64	155	
2021/22-3	MO-VEN	srgt environ	4/1/2022	Hydrocarbon	n-Tetracosane	n/a	=	0.248	mg/L	EPA 8015B	-88	-88			
2021/22-3	MO-VEN	srgt environ, rec	4/1/2022	Hydrocarbon	n-Tetracosane	n/a	=	99	%	EPA 8015B	-88	-88	64	155	
2021/22-3	Lab	LCS	4/4/2022	Hydrocarbon	Oil and Grease	n/a	=	16.3	mg/L	EPA 1664B	0.6	4			
2021/22-3	Lab	LCS	4/4/2022	Hydrocarbon	Oil and Grease	n/a	DNQ	3.6	mg/L	EPA 1664B	0.6	4			
2021/22-3	Lab	LCS dup	4/4/2022	Hydrocarbon	Oil and Grease	n/a	=	15.9	mg/L	EPA 1664B	0.6	4			
2021/22-3	Lab	LCS dup, rec	4/4/2022	Hydrocarbon	Oil and Grease	n/a	=	94	%	EPA 1664B	-88	-88	78	114	
2021/22-3	Lab	LCS, rec	4/4/2022	Hydrocarbon	Oil and Grease	n/a	=	97	%	EPA 1664B	-88	-88	78	114	
2021/22-3	Lab	LCS, rec	4/4/2022	Hydrocarbon	Oil and Grease	n/a	=	90	%	EPA 1664B	-88	-88	78	114	
2021/22-3	Lab	LCS, RPD	4/4/2022	Hydrocarbon	Oil and Grease	n/a	=	2	%	EPA 1664B	-88	-88	0	18	
2021/22-3	Lab	method blank	4/4/2022	Hydrocarbon	Oil and Grease	n/a	<	0.6	mg/L	EPA 1664B	0.6	4			
2021/22-3	MO-CAM	field blank	4/4/2022	Hydrocarbon	Oil and Grease	n/a	DNQ	0.8	mg/L	EPA 1664B	0.6	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	
2021/22-3	MO-CAM	field duplicate	4/4/2022	Hydrocarbon	Oil and Grease	n/a	DNQ	2.1	mg/L	EPA 1664B	0.6	4			
2021/22-3	Lab	method blank	4/6/2022	Metal	Aluminum	Dissolved	<	4.4	µg/L	EPA 200.8	4.4	20			
2021/22-3	Lab	LCS	4/6/2022	Metal	Aluminum	Dissolved	=	51.8	µg/L	EPA 200.8	4.4	20			
2021/22-3	Lab	LCS, rec	4/6/2022	Metal	Aluminum	Dissolved	=	104	%	EPA 200.8	-88	-88	85	115	
2021/22-3	Lab	method blank	4/7/2022	Metal	Aluminum	Dissolved	<	4.4	µg/L	EPA 200.8	4.4	20			
2021/22-3	Lab	LCS	4/7/2022	Metal	Aluminum	Dissolved	=	51.7	µg/L	EPA 200.8	4.4	20			
2021/22-3	Lab	LCS, rec	4/7/2022	Metal	Aluminum	Dissolved	=	103	%	EPA 200.8	-88	-88	85	115	
2021/22-3	Lab	method blank	4/6/2022	Metal	Aluminum	Total	<	4.4	µg/L	EPA 200.8	4.4	20			
2021/22-3	Lab	LCS	4/6/2022	Metal	Aluminum	Total	=	51.8	µg/L	EPA 200.8	4.4	20			
2021/22-3	Lab	LCS, rec	4/6/2022	Metal	Aluminum	Total	=	104	%	EPA 200.8	-88	-88	85	115	
2021/22-3	Lab	method blank	4/7/2022	Metal	Aluminum	Total	<	4.4	µg/L	EPA 200.8	4.4	20			
2021/22-3	Lab	LCS	4/7/2022	Metal	Aluminum	Total	=	51.7	µg/L	EPA 200.8	4.4	20			
2021/22-3	Lab	LCS, rec	4/7/2022	Metal	Aluminum	Total	=	103	%	EPA 200.8	-88	-88	85	115	
2021/22-3	MO-HUE	matrix spike	4/7/2022	Metal	Aluminum	Total	=	1230	µg/L	EPA 200.8	4.4	20			GB
2021/22-3	MO-HUE	matrix spike, rec	4/7/2022	Metal	Aluminum	Total	=	192	%	EPA 200.8	-88	-88	70	130	GB
2021/22-3	MO-HUE	matrix spike dup	4/7/2022	Metal	Aluminum	Total	=	1190	µg/L	EPA 200.8	4.4	20			
2021/22-3	MO-HUE	matrix spike dup, rec	4/7/2022	Metal	Aluminum	Total	=	110	%	EPA 200.8	-88	-88	70	130	
2021/22-3	MO-HUE	matrix spike, RPD	4/7/2022	Metal	Aluminum	Total	=	3	%	EPA 200.8	-88	-88	0	30	
2021/22-3	MO-MEI	matrix spike	4/6/2022	Metal	Aluminum	Total	=	5940	µg/L	EPA 200.8	4.4	20			GB
2021/22-3	MO-MEI	matrix spike, rec	4/6/2022	Metal	Aluminum	Total	=	-98	%	EPA 200.8	-88	-88	70	130	GB
2021/22-3	MO-MEI	matrix spike dup	4/6/2022	Metal	Aluminum	Total	=	6090	µg/L	EPA 200.8	4.4	20			GB
2021/22-3	MO-MEI	matrix spike dup, rec	4/6/2022	Metal	Aluminum	Total	=	201	%	EPA 200.8	-88	-88	70	130	GB
2021/22-3	MO-MEI	matrix spike, RPD	4/6/2022	Metal	Aluminum	Total	=	2	%	EPA 200.8	-88	-88	0	30	GB
2021/22-3	MO-OXN	matrix spike	4/7/2022	Metal	Aluminum	Total	=	2190	µg/L	EPA 200.8	4.4	20			GB
2021/22-3	MO-OXN	matrix spike, rec	4/7/2022	Metal	Aluminum	Total	=	49	%	EPA 200.8	-88	-88	70	130	GB
2021/22-3	MO-OXN	matrix spike dup	4/7/2022	Metal	Aluminum	Total	=	2100	µg/L	EPA 200.8	4.4	20			GB
2021/22-3	MO-OXN	matrix spike dup, rec	4/7/2022	Metal	Aluminum	Total	=	-13	%	EPA 200.8	-88	-88	70	130	GB
2021/22-3	MO-OXN	matrix spike, RPD	4/7/2022	Metal	Aluminum	Total	=	4	%	EPA 200.8	-88	-88	0	30	GB
2021/22-3	MO-VEN	matrix spike	4/6/2022	Metal	Aluminum	Total	=	3650	µg/L	EPA 200.8	4.4	20			GB
2021/22-3	MO-VEN	matrix spike, rec	4/6/2022	Metal	Aluminum	Total	=	-61	%	EPA 200.8	-88	-88	70	130	GB
2021/22-3	MO-VEN	matrix spike dup	4/6/2022	Metal	Aluminum	Total	=	3690	µg/L	EPA 200.8	4.4	20			GB
2021/22-3	MO-VEN	matrix spike dup, rec	4/6/2022	Metal	Aluminum	Total	=	17	%	EPA 200.8	-88	-88	70	130	GB
2021/22-3	MO-VEN	matrix spike, RPD	4/6/2022	Metal	Aluminum	Total	=	1	%	EPA 200.8	-88	-88	0	30	GB
2021/22-3	Lab	method blank	4/6/2022	Metal	Antimony	Dissolved	<	0.089	µg/L	EPA 200.8	0.089	0.5			
2021/22-3	Lab	LCS	4/6/2022	Metal	Antimony	Dissolved	=	51.3	µg/L	EPA 200.8	0.089	0.5			
2021/22-3	Lab	LCS, rec	4/6/2022	Metal	Antimony	Dissolved	=	103	%	EPA 200.8	-88	-88	85	115	
2021/22-3	Lab	method blank	4/7/2022	Metal	Antimony	Dissolved	<	0.089	µg/L	EPA 200.8	0.089	0.5			
2021/22-3	Lab	LCS	4/7/2022	Metal	Antimony	Dissolved	=	51.1	µg/L	EPA 200.8	0.089	0.5			
2021/22-3	Lab	LCS, rec	4/7/2022	Metal	Antimony	Dissolved	=	102	%	EPA 200.8	-88	-88	85	115	
2021/22-3	Lab	method blank	4/6/2022	Metal	Antimony	Total	<	0.089	µg/L	EPA 200.8	0.089	0.5			
2021/22-3	Lab	LCS	4/6/2022	Metal	Antimony	Total	=	51.3	µg/L	EPA 200.8	0.089	0.5			
2021/22-3	Lab	LCS, rec	4/6/2022	Metal	Antimony	Total	=	103	%	EPA 200.8	-88	-88	85	115	
2021/22-3	Lab	method blank	4/7/2022	Metal	Antimony	Total	<	0.089	µg/L	EPA 200.8	0.089	0.5			
2021/22-3	Lab	LCS	4/7/2022	Metal	Antimony	Total	=	51.1	µg/L	EPA 200.8	0.089	0.5			
2021/22-3	Lab	LCS, rec	4/7/2022	Metal	Antimony	Total	=	102	%	EPA 200.8	-88	-88	85	115	
2021/22-3	MO-HUE	matrix spike	4/7/2022	Metal	Antimony	Total	=	50.6	µg/L	EPA 200.8	0.089	0.5			
2021/22-3	MO-HUE	matrix spike, rec	4/7/2022	Metal	Antimony	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	
2021/22-3	MO-HUE	matrix spike dup	4/7/2022	Metal	Antimony	Total	=	50	µg/L	EPA 200.8	0.089	0.5			
2021/22-3	MO-HUE	matrix spike dup, rec	4/7/2022	Metal	Antimony	Total	=	98	%	EPA 200.8	-88	-88	70	130	
2021/22-3	MO-HUE	matrix spike, RPD	4/7/2022	Metal	Antimony	Total	=	1	%	EPA 200.8	-88	-88	0	30	
2021/22-3	MO-MEI	matrix spike	4/6/2022	Metal	Antimony	Total	=	42	µg/L	EPA 200.8	0.089	0.5			
2021/22-3	MO-MEI	matrix spike, rec	4/6/2022	Metal	Antimony	Total	=	83	%	EPA 200.8	-88	-88	70	130	
2021/22-3	MO-MEI	matrix spike dup	4/6/2022	Metal	Antimony	Total	=	42.3	µg/L	EPA 200.8	0.089	0.5			
2021/22-3	MO-MEI	matrix spike dup, rec	4/6/2022	Metal	Antimony	Total	=	84	%	EPA 200.8	-88	-88	70	130	
2021/22-3	MO-MEI	matrix spike, RPD	4/6/2022	Metal	Antimony	Total	=	0.8	%	EPA 200.8	-88	-88	0	30	
2021/22-3	MO-OXN	matrix spike	4/7/2022	Metal	Antimony	Total	=	49.1	µg/L	EPA 200.8	0.089	0.5			
2021/22-3	MO-OXN	matrix spike, rec	4/7/2022	Metal	Antimony	Total	=	94	%	EPA 200.8	-88	-88	70	130	
2021/22-3	MO-OXN	matrix spike dup	4/7/2022	Metal	Antimony	Total	=	49.5	µg/L	EPA 200.8	0.089	0.5			
2021/22-3	MO-OXN	matrix spike dup, rec	4/7/2022	Metal	Antimony	Total	=	94	%	EPA 200.8	-88	-88	70	130	
2021/22-3	MO-OXN	matrix spike, RPD	4/7/2022	Metal	Antimony	Total	=	0.7	%	EPA 200.8	-88	-88	0	30	
2021/22-3	MO-VEN	matrix spike	4/6/2022	Metal	Antimony	Total	=	46.1	µg/L	EPA 200.8	0.089	0.5			
2021/22-3	MO-VEN	matrix spike, rec	4/6/2022	Metal	Antimony	Total	=	89	%	EPA 200.8	-88	-88	70	130	
2021/22-3	MO-VEN	matrix spike dup	4/6/2022	Metal	Antimony	Total	=	44.4	µg/L	EPA 200.8	0.089	0.5			
2021/22-3	MO-VEN	matrix spike dup, rec	4/6/2022	Metal	Antimony	Total	=	85	%	EPA 200.8	-88	-88	70	130	
2021/22-3	MO-VEN	matrix spike, RPD	4/6/2022	Metal	Antimony	Total	=	4	%	EPA 200.8	-88	-88	0	30	
2021/22-3	Lab	method blank	4/6/2022	Metal	Arsenic	Dissolved	<	0.074	µg/L	EPA 200.8	0.074	0.4			
2021/22-3	Lab	LCS	4/6/2022	Metal	Arsenic	Dissolved	=	51.3	µg/L	EPA 200.8	0.074	0.4			
2021/22-3	Lab	LCS, rec	4/6/2022	Metal	Arsenic	Dissolved	=	103	%	EPA 200.8	-88	-88	85	115	
2021/22-3	Lab	method blank	4/7/2022	Metal	Arsenic	Dissolved	<	0.074	µg/L	EPA 200.8	0.074	0.4			
2021/22-3	Lab	LCS	4/7/2022	Metal	Arsenic	Dissolved	=	50.7	µg/L	EPA 200.8	0.074	0.4			
2021/22-3	Lab	LCS, rec	4/7/2022	Metal	Arsenic	Dissolved	=	101	%	EPA 200.8	-88	-88	85	115	
2021/22-3	Lab	method blank	4/6/2022	Metal	Arsenic	Total	<	0.074	µg/L	EPA 200.8	0.074	0.4			
2021/22-3	Lab	LCS	4/6/2022	Metal	Arsenic	Total	=	51.3	µg/L	EPA 200.8	0.074	0.4			
2021/22-3	Lab	LCS, rec	4/6/2022	Metal	Arsenic	Total	=	103	%	EPA 200.8	-88	-88	85	115	
2021/22-3	Lab	method blank	4/7/2022	Metal	Arsenic	Total	<	0.074	µg/L	EPA 200.8	0.074	0.4			
2021/22-3	Lab	LCS	4/7/2022	Metal	Arsenic	Total	=	50.7	µg/L	EPA 200.8	0.074	0.4			
2021/22-3	Lab	LCS, rec	4/7/2022	Metal	Arsenic	Total	=	101	%	EPA 200.8	-88	-88	85	115	
2021/22-3	MO-HUE	matrix spike	4/7/2022	Metal	Arsenic	Total	=	52.9	µg/L	EPA 200.8	0.074	0.4			
2021/22-3	MO-HUE	matrix spike, rec	4/7/2022	Metal	Arsenic	Total	=	102	%	EPA 200.8	-88	-88	70	130	
2021/22-3	MO-HUE	matrix spike dup	4/7/2022	Metal	Arsenic	Total	=	53.1	µg/L	EPA 200.8	0.074	0.4			
2021/22-3	MO-HUE	matrix spike dup, rec	4/7/2022	Metal	Arsenic	Total	=	102	%	EPA 200.8	-88	-88	70	130	
2021/22-3	MO-HUE	matrix spike, RPD	4/7/2022	Metal	Arsenic	Total	=	0.3	%	EPA 200.8	-88	-88	0	30	
2021/22-3	MO-MEI	matrix spike	4/6/2022	Metal	Arsenic	Total	=	51.2	µg/L	EPA 200.8	0.074	0.4			
2021/22-3	MO-MEI	matrix spike, rec	4/6/2022	Metal	Arsenic	Total	=	98	%	EPA 200.8	-88	-88	70	130	
2021/22-3	MO-MEI	matrix spike dup	4/6/2022	Metal	Arsenic	Total	=	51.9	µg/L	EPA 200.8	0.074	0.4			
2021/22-3	MO-MEI	matrix spike dup, rec	4/6/2022	Metal	Arsenic	Total	=	100	%	EPA 200.8	-88	-88	70	130	
2021/22-3	MO-MEI	matrix spike, RPD	4/6/2022	Metal	Arsenic	Total	=	1	%	EPA 200.8	-88	-88	0	30	
2021/22-3	MO-OXN	matrix spike	4/7/2022	Metal	Arsenic	Total	=	50.5	µg/L	EPA 200.8	0.074	0.4			
2021/22-3	MO-OXN	matrix spike, rec	4/7/2022	Metal	Arsenic	Total	=	98	%	EPA 200.8	-88	-88	70	130	
2021/22-3	MO-OXN	matrix spike dup	4/7/2022	Metal	Arsenic	Total	=	51.6	µg/L	EPA 200.8	0.074	0.4			
2021/22-3	MO-OXN	matrix spike dup, rec	4/7/2022	Metal	Arsenic	Total	=	100	%	EPA 200.8	-88	-88	70	130	
2021/22-3	MO-OXN	matrix spike, RPD	4/7/2022	Metal	Arsenic	Total	=	2	%	EPA 200.8	-88	-88	0	30	
2021/22-3	MO-VEN	matrix spike	4/6/2022	Metal	Arsenic	Total	=	53.2	µg/L	EPA 200.8	0.074	0.4			
2021/22-3	MO-VEN	matrix spike, rec	4/6/2022	Metal	Arsenic	Total	=	101	%	EPA 200.8	-88	-88	70	130	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2021/22-3	MO-VEN	matrix spike dup	4/6/2022	Metal	Arsenic	Total	=	50.7	µg/L	EPA 200.8	0.074	0.4			
2021/22-3	MO-VEN	matrix spike dup, rec	4/6/2022	Metal	Arsenic	Total	=	96	%	EPA 200.8	-88	-88	70	130	
2021/22-3	MO-VEN	matrix spike, RPD	4/6/2022	Metal	Arsenic	Total	=	5	%	EPA 200.8	-88	-88	0	30	
2021/22-3	Lab	method blank	4/6/2022	Metal	Barium	Total	<	0.14	µg/L	EPA 200.8	0.14	1			
2021/22-3	Lab	LCS	4/6/2022	Metal	Barium	Total	=	49.6	µg/L	EPA 200.8	0.14	1			
2021/22-3	Lab	LCS, rec	4/6/2022	Metal	Barium	Total	=	99	%	EPA 200.8	-88	-88	85	115	
2021/22-3	Lab	method blank	4/7/2022	Metal	Barium	Total	<	0.14	µg/L	EPA 200.8	0.14	1			
2021/22-3	Lab	LCS	4/7/2022	Metal	Barium	Total	=	49.8	µg/L	EPA 200.8	0.14	1			
2021/22-3	Lab	LCS, rec	4/7/2022	Metal	Barium	Total	=	100	%	EPA 200.8	-88	-88	85	115	
2021/22-3	MO-HUE	matrix spike	4/7/2022	Metal	Barium	Total	=	91.1	µg/L	EPA 200.8	0.14	1			
2021/22-3	MO-HUE	matrix spike, rec	4/7/2022	Metal	Barium	Total	=	100	%	EPA 200.8	-88	-88	70	130	
2021/22-3	MO-HUE	matrix spike dup	4/7/2022	Metal	Barium	Total	=	90.5	µg/L	EPA 200.8	0.14	1			
2021/22-3	MO-HUE	matrix spike dup, rec	4/7/2022	Metal	Barium	Total	=	99	%	EPA 200.8	-88	-88	70	130	
2021/22-3	MO-HUE	matrix spike, RPD	4/7/2022	Metal	Barium	Total	=	0.6	%	EPA 200.8	-88	-88	0	30	
2021/22-3	MO-MEI	matrix spike	4/6/2022	Metal	Barium	Total	=	136	µg/L	EPA 200.8	0.14	1			
2021/22-3	MO-MEI	matrix spike, rec	4/6/2022	Metal	Barium	Total	=	97	%	EPA 200.8	-88	-88	70	130	
2021/22-3	MO-MEI	matrix spike dup	4/6/2022	Metal	Barium	Total	=	139	µg/L	EPA 200.8	0.14	1			
2021/22-3	MO-MEI	matrix spike dup, rec	4/6/2022	Metal	Barium	Total	=	102	%	EPA 200.8	-88	-88	70	130	
2021/22-3	MO-MEI	matrix spike, RPD	4/6/2022	Metal	Barium	Total	=	2	%	EPA 200.8	-88	-88	0	30	
2021/22-3	MO-OXN	matrix spike	4/7/2022	Metal	Barium	Total	=	100	µg/L	EPA 200.8	0.14	1			
2021/22-3	MO-OXN	matrix spike, rec	4/7/2022	Metal	Barium	Total	=	99	%	EPA 200.8	-88	-88	70	130	
2021/22-3	MO-OXN	matrix spike dup	4/7/2022	Metal	Barium	Total	=	99.8	µg/L	EPA 200.8	0.14	1			
2021/22-3	MO-OXN	matrix spike dup, rec	4/7/2022	Metal	Barium	Total	=	97	%	EPA 200.8	-88	-88	70	130	
2021/22-3	MO-OXN	matrix spike, RPD	4/7/2022	Metal	Barium	Total	=	0.6	%	EPA 200.8	-88	-88	0	30	
2021/22-3	MO-VEN	matrix spike	4/6/2022	Metal	Barium	Total	=	109	µg/L	EPA 200.8	0.14	1			
2021/22-3	MO-VEN	matrix spike, rec	4/6/2022	Metal	Barium	Total	=	95	%	EPA 200.8	-88	-88	70	130	
2021/22-3	MO-VEN	matrix spike dup	4/6/2022	Metal	Barium	Total	=	108	µg/L	EPA 200.8	0.14	1			
2021/22-3	MO-VEN	matrix spike dup, rec	4/6/2022	Metal	Barium	Total	=	94	%	EPA 200.8	-88	-88	70	130	
2021/22-3	MO-VEN	matrix spike, RPD	4/6/2022	Metal	Barium	Total	=	0.5	%	EPA 200.8	-88	-88	0	30	
2021/22-3	Lab	method blank	4/6/2022	Metal	Beryllium	Dissolved	<	0.062	µg/L	EPA 200.8	0.062	0.1			
2021/22-3	Lab	LCS	4/6/2022	Metal	Beryllium	Dissolved	=	49.8	µg/L	EPA 200.8	0.062	0.1			
2021/22-3	Lab	LCS, rec	4/6/2022	Metal	Beryllium	Dissolved	=	100	%	EPA 200.8	-88	-88	85	115	
2021/22-3	Lab	method blank	4/7/2022	Metal	Beryllium	Dissolved	<	0.062	µg/L	EPA 200.8	0.062	0.1			
2021/22-3	Lab	LCS	4/7/2022	Metal	Beryllium	Dissolved	=	49.1	µg/L	EPA 200.8	0.062	0.1			
2021/22-3	Lab	LCS, rec	4/7/2022	Metal	Beryllium	Dissolved	=	98	%	EPA 200.8	-88	-88	85	115	
2021/22-3	Lab	method blank	4/6/2022	Metal	Beryllium	Total	<	0.029	µg/L	EPA 200.8	0.029	0.1			
2021/22-3	Lab	LCS	4/6/2022	Metal	Beryllium	Total	=	49.8	µg/L	EPA 200.8	0.029	0.1			
2021/22-3	Lab	LCS, rec	4/6/2022	Metal	Beryllium	Total	=	100	%	EPA 200.8	-88	-88	85	115	
2021/22-3	Lab	method blank	4/7/2022	Metal	Beryllium	Total	<	0.029	µg/L	EPA 200.8	0.029	0.1			
2021/22-3	Lab	LCS	4/7/2022	Metal	Beryllium	Total	=	49.1	µg/L	EPA 200.8	0.029	0.1			
2021/22-3	Lab	LCS, rec	4/7/2022	Metal	Beryllium	Total	=	98	%	EPA 200.8	-88	-88	85	115	
2021/22-3	MO-HUE	matrix spike	4/7/2022	Metal	Beryllium	Total	=	50.2	µg/L	EPA 200.8	0.029	0.1			
2021/22-3	MO-HUE	matrix spike, rec	4/7/2022	Metal	Beryllium	Total	=	100	%	EPA 200.8	-88	-88	70	130	
2021/22-3	MO-HUE	matrix spike dup	4/7/2022	Metal	Beryllium	Total	=	51.6	µg/L	EPA 200.8	0.029	0.1			
2021/22-3	MO-HUE	matrix spike dup, rec	4/7/2022	Metal	Beryllium	Total	=	103	%	EPA 200.8	-88	-88	70	130	
2021/22-3	MO-HUE	matrix spike, RPD	4/7/2022	Metal	Beryllium	Total	=	3	%	EPA 200.8	-88	-88	0	30	
2021/22-3	MO-MEI	matrix spike	4/6/2022	Metal	Beryllium	Total	=	48.8	µg/L	EPA 200.8	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	
2021/22-3	MO-MEI	matrix spike, rec	4/6/2022	Metal	Beryllium	Total	=	97	%	EPA 200.8	-88	-88	70	130	
2021/22-3	MO-MEI	matrix spike dup	4/6/2022	Metal	Beryllium	Total	=	48.7	µg/L	EPA 200.8	0.029	0.1			
2021/22-3	MO-MEI	matrix spike dup, rec	4/6/2022	Metal	Beryllium	Total	=	97	%	EPA 200.8	-88	-88	70	130	
2021/22-3	MO-MEI	matrix spike, RPD	4/6/2022	Metal	Beryllium	Total	=	0.07	%	EPA 200.8	-88	-88	0	30	
2021/22-3	MO-OXN	matrix spike	4/7/2022	Metal	Beryllium	Total	=	48.7	µg/L	EPA 200.8	0.029	0.1			
2021/22-3	MO-OXN	matrix spike, rec	4/7/2022	Metal	Beryllium	Total	=	97	%	EPA 200.8	-88	-88	70	130	
2021/22-3	MO-OXN	matrix spike dup	4/7/2022	Metal	Beryllium	Total	=	49.9	µg/L	EPA 200.8	0.029	0.1			
2021/22-3	MO-OXN	matrix spike dup, rec	4/7/2022	Metal	Beryllium	Total	=	100	%	EPA 200.8	-88	-88	70	130	
2021/22-3	MO-OXN	matrix spike, RPD	4/7/2022	Metal	Beryllium	Total	=	2	%	EPA 200.8	-88	-88	0	30	
2021/22-3	MO-VEN	matrix spike	4/6/2022	Metal	Beryllium	Total	=	49	µg/L	EPA 200.8	0.029	0.1			
2021/22-3	MO-VEN	matrix spike, rec	4/6/2022	Metal	Beryllium	Total	=	98	%	EPA 200.8	-88	-88	70	130	
2021/22-3	MO-VEN	matrix spike dup	4/6/2022	Metal	Beryllium	Total	=	47	µg/L	EPA 200.8	0.029	0.1			
2021/22-3	MO-VEN	matrix spike dup, rec	4/6/2022	Metal	Beryllium	Total	=	94	%	EPA 200.8	-88	-88	70	130	
2021/22-3	MO-VEN	matrix spike, RPD	4/6/2022	Metal	Beryllium	Total	=	4	%	EPA 200.8	-88	-88	0	30	
2021/22-3	Lab	method blank	4/6/2022	Metal	Cadmium	Dissolved	<	0.042	µg/L	EPA 200.8	0.042	0.2			
2021/22-3	Lab	LCS	4/6/2022	Metal	Cadmium	Dissolved	=	50	µg/L	EPA 200.8	0.042	0.2			
2021/22-3	Lab	LCS, rec	4/6/2022	Metal	Cadmium	Dissolved	=	100	%	EPA 200.8	-88	-88	85	115	
2021/22-3	Lab	method blank	4/7/2022	Metal	Cadmium	Dissolved	<	0.042	µg/L	EPA 200.8	0.042	0.2			
2021/22-3	Lab	LCS	4/7/2022	Metal	Cadmium	Dissolved	=	49.8	µg/L	EPA 200.8	0.042	0.2			
2021/22-3	Lab	LCS, rec	4/7/2022	Metal	Cadmium	Dissolved	=	100	%	EPA 200.8	-88	-88	85	115	
2021/22-3	Lab	method blank	4/6/2022	Metal	Cadmium	Total	<	0.042	µg/L	EPA 200.8	0.042	0.2			
2021/22-3	Lab	LCS	4/6/2022	Metal	Cadmium	Total	=	50	µg/L	EPA 200.8	0.042	0.2			
2021/22-3	Lab	LCS, rec	4/6/2022	Metal	Cadmium	Total	=	100	%	EPA 200.8	-88	-88	85	115	
2021/22-3	Lab	method blank	4/7/2022	Metal	Cadmium	Total	<	0.042	µg/L	EPA 200.8	0.042	0.2			
2021/22-3	Lab	LCS	4/7/2022	Metal	Cadmium	Total	=	49.8	µg/L	EPA 200.8	0.042	0.2			
2021/22-3	Lab	LCS, rec	4/7/2022	Metal	Cadmium	Total	=	100	%	EPA 200.8	-88	-88	85	115	
2021/22-3	MO-HUE	matrix spike	4/7/2022	Metal	Cadmium	Total	=	48.4	µg/L	EPA 200.8	0.042	0.2			
2021/22-3	MO-HUE	matrix spike, rec	4/7/2022	Metal	Cadmium	Total	=	96	%	EPA 200.8	-88	-88	70	130	
2021/22-3	MO-HUE	matrix spike dup	4/7/2022	Metal	Cadmium	Total	=	47.7	µg/L	EPA 200.8	0.042	0.2			
2021/22-3	MO-HUE	matrix spike dup, rec	4/7/2022	Metal	Cadmium	Total	=	95	%	EPA 200.8	-88	-88	70	130	
2021/22-3	MO-HUE	matrix spike, RPD	4/7/2022	Metal	Cadmium	Total	=	2	%	EPA 200.8	-88	-88	0	30	
2021/22-3	MO-MEI	matrix spike	4/6/2022	Metal	Cadmium	Total	=	49.7	µg/L	EPA 200.8	0.042	0.2			
2021/22-3	MO-MEI	matrix spike, rec	4/6/2022	Metal	Cadmium	Total	=	99	%	EPA 200.8	-88	-88	70	130	
2021/22-3	MO-MEI	matrix spike dup	4/6/2022	Metal	Cadmium	Total	=	50.1	µg/L	EPA 200.8	0.042	0.2			
2021/22-3	MO-MEI	matrix spike dup, rec	4/6/2022	Metal	Cadmium	Total	=	100	%	EPA 200.8	-88	-88	70	130	
2021/22-3	MO-MEI	matrix spike, RPD	4/6/2022	Metal	Cadmium	Total	=	0.9	%	EPA 200.8	-88	-88	0	30	
2021/22-3	MO-OXN	matrix spike	4/7/2022	Metal	Cadmium	Total	=	49.1	µg/L	EPA 200.8	0.042	0.2			
2021/22-3	MO-OXN	matrix spike, rec	4/7/2022	Metal	Cadmium	Total	=	98	%	EPA 200.8	-88	-88	70	130	
2021/22-3	MO-OXN	matrix spike dup	4/7/2022	Metal	Cadmium	Total	=	49.5	µg/L	EPA 200.8	0.042	0.2			
2021/22-3	MO-OXN	matrix spike dup, rec	4/7/2022	Metal	Cadmium	Total	=	99	%	EPA 200.8	-88	-88	70	130	
2021/22-3	MO-OXN	matrix spike, RPD	4/7/2022	Metal	Cadmium	Total	=	0.9	%	EPA 200.8	-88	-88	0	30	
2021/22-3	MO-VEN	matrix spike	4/6/2022	Metal	Cadmium	Total	=	49.8	µg/L	EPA 200.8	0.042	0.2			
2021/22-3	MO-VEN	matrix spike, rec	4/6/2022	Metal	Cadmium	Total	=	99	%	EPA 200.8	-88	-88	70	130	
2021/22-3	MO-VEN	matrix spike dup	4/6/2022	Metal	Cadmium	Total	=	47.6	µg/L	EPA 200.8	0.042	0.2			
2021/22-3	MO-VEN	matrix spike dup, rec	4/6/2022	Metal	Cadmium	Total	=	95	%	EPA 200.8	-88	-88	70	130	
2021/22-3	MO-VEN	matrix spike, RPD	4/6/2022	Metal	Cadmium	Total	=	4	%	EPA 200.8	-88	-88	0	30	
2021/22-3	Lab	method blank	4/6/2022	Metal	Chromium	Dissolved	<	0.089	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	
2021/22-3	Lab	LCS	4/6/2022	Metal	Chromium	Dissolved	=	50.2	µg/L	EPA 200.8	0.089	0.2			
2021/22-3	Lab	LCS, rec	4/6/2022	Metal	Chromium	Dissolved	=	100	%	EPA 200.8	-88	-88	85	115	
2021/22-3	Lab	method blank	4/7/2022	Metal	Chromium	Dissolved	<	0.089	µg/L	EPA 200.8	0.089	0.2			
2021/22-3	Lab	LCS	4/7/2022	Metal	Chromium	Dissolved	=	49.6	µg/L	EPA 200.8	0.089	0.2			
2021/22-3	Lab	LCS, rec	4/7/2022	Metal	Chromium	Dissolved	=	99	%	EPA 200.8	-88	-88	85	115	
2021/22-3	Lab	method blank	4/6/2022	Metal	Chromium	Total	<	0.089	µg/L	EPA 200.8	0.089	0.2			
2021/22-3	Lab	LCS	4/6/2022	Metal	Chromium	Total	=	50.2	µg/L	EPA 200.8	0.089	0.2			
2021/22-3	Lab	LCS, rec	4/6/2022	Metal	Chromium	Total	=	100	%	EPA 200.8	-88	-88	85	115	
2021/22-3	Lab	method blank	4/7/2022	Metal	Chromium	Total	<	0.089	µg/L	EPA 200.8	0.089	0.2			
2021/22-3	Lab	LCS	4/7/2022	Metal	Chromium	Total	=	49.6	µg/L	EPA 200.8	0.089	0.2			
2021/22-3	Lab	LCS, rec	4/7/2022	Metal	Chromium	Total	=	99	%	EPA 200.8	-88	-88	85	115	
2021/22-3	MO-HUE	matrix spike	4/7/2022	Metal	Chromium	Total	=	51	µg/L	EPA 200.8	0.089	0.2			
2021/22-3	MO-HUE	matrix spike, rec	4/7/2022	Metal	Chromium	Total	=	96	%	EPA 200.8	-88	-88	70	130	
2021/22-3	MO-HUE	matrix spike dup	4/7/2022	Metal	Chromium	Total	=	50.7	µg/L	EPA 200.8	0.089	0.2			
2021/22-3	MO-HUE	matrix spike dup, rec	4/7/2022	Metal	Chromium	Total	=	95	%	EPA 200.8	-88	-88	70	130	
2021/22-3	MO-HUE	matrix spike, RPD	4/7/2022	Metal	Chromium	Total	=	0.6	%	EPA 200.8	-88	-88	0	30	
2021/22-3	MO-MEI	matrix spike	4/6/2022	Metal	Chromium	Total	=	61.7	µg/L	EPA 200.8	0.089	0.2			
2021/22-3	MO-MEI	matrix spike, rec	4/6/2022	Metal	Chromium	Total	=	96	%	EPA 200.8	-88	-88	70	130	
2021/22-3	MO-MEI	matrix spike dup	4/6/2022	Metal	Chromium	Total	=	62.7	µg/L	EPA 200.8	0.089	0.2			
2021/22-3	MO-MEI	matrix spike dup, rec	4/6/2022	Metal	Chromium	Total	=	98	%	EPA 200.8	-88	-88	70	130	
2021/22-3	MO-MEI	matrix spike, RPD	4/6/2022	Metal	Chromium	Total	=	2	%	EPA 200.8	-88	-88	0	30	
2021/22-3	MO-OXN	matrix spike	4/7/2022	Metal	Chromium	Total	=	54.1	µg/L	EPA 200.8	0.089	0.2			
2021/22-3	MO-OXN	matrix spike, rec	4/7/2022	Metal	Chromium	Total	=	97	%	EPA 200.8	-88	-88	70	130	
2021/22-3	MO-OXN	matrix spike dup	4/7/2022	Metal	Chromium	Total	=	54	µg/L	EPA 200.8	0.089	0.2			
2021/22-3	MO-OXN	matrix spike dup, rec	4/7/2022	Metal	Chromium	Total	=	97	%	EPA 200.8	-88	-88	70	130	
2021/22-3	MO-OXN	matrix spike, RPD	4/7/2022	Metal	Chromium	Total	=	0.1	%	EPA 200.8	-88	-88	0	30	
2021/22-3	MO-VEN	matrix spike	4/6/2022	Metal	Chromium	Total	=	57.3	µg/L	EPA 200.8	0.089	0.2			
2021/22-3	MO-VEN	matrix spike, rec	4/6/2022	Metal	Chromium	Total	=	98	%	EPA 200.8	-88	-88	70	130	
2021/22-3	MO-VEN	matrix spike dup	4/6/2022	Metal	Chromium	Total	=	55.3	µg/L	EPA 200.8	0.089	0.2			
2021/22-3	MO-VEN	matrix spike dup, rec	4/6/2022	Metal	Chromium	Total	=	94	%	EPA 200.8	-88	-88	70	130	
2021/22-3	MO-VEN	matrix spike, RPD	4/6/2022	Metal	Chromium	Total	=	3	%	EPA 200.8	-88	-88	0	30	
2021/22-3	000NONPJ	matrix spike	4/6/2022	Metal	Chromium VI	n/a	=	14.1	µg/L	EPA 218.6	0.0079	0.02			
2021/22-3	000NONPJ	matrix spike, rec	4/6/2022	Metal	Chromium VI	n/a	=	101	%	EPA 218.6	-88	-88	88	112	
2021/22-3	000NONPJ	matrix spike dup	4/6/2022	Metal	Chromium VI	n/a	=	14.3	µg/L	EPA 218.6	0.0079	0.02			
2021/22-3	000NONPJ	matrix spike dup, rec	4/6/2022	Metal	Chromium VI	n/a	=	106	%	EPA 218.6	-88	-88	88	112	
2021/22-3	000NONPJ	matrix spike, RPD	4/6/2022	Metal	Chromium VI	n/a	=	2	%	EPA 218.6	-88	-88	0	10	
2021/22-3	000NONPJ	matrix spike	4/6/2022	Metal	Chromium VI	n/a	=	13.4	µg/L	EPA 218.6	0.0079	0.02			
2021/22-3	000NONPJ	matrix spike, rec	4/6/2022	Metal	Chromium VI	n/a	=	101	%	EPA 218.6	-88	-88	88	112	
2021/22-3	000NONPJ	matrix spike dup	4/6/2022	Metal	Chromium VI	n/a	=	13.2	µg/L	EPA 218.6	0.0079	0.02			
2021/22-3	000NONPJ	matrix spike dup, rec	4/6/2022	Metal	Chromium VI	n/a	=	98	%	EPA 218.6	-88	-88	88	112	
2021/22-3	000NONPJ	matrix spike, RPD	4/6/2022	Metal	Chromium VI	n/a	=	1	%	EPA 218.6	-88	-88	0	10	
2021/22-3	Lab	method blank	4/6/2022	Metal	Chromium VI	n/a	<	0.0079	µg/L	EPA 218.6	0.0079	0.02			
2021/22-3	Lab	LCS	4/6/2022	Metal	Chromium VI	n/a	=	4.85	µg/L	EPA 218.6	0.0079	0.02			
2021/22-3	Lab	LCS, rec	4/6/2022	Metal	Chromium VI	n/a	=	97	%	EPA 218.6	-88	-88	90	110	
2021/22-3	Lab	method blank	4/6/2022	Metal	Copper	Dissolved	<	0.23	µg/L	EPA 200.8	0.23	0.5			
2021/22-3	Lab	LCS	4/6/2022	Metal	Copper	Dissolved	=	51	µg/L	EPA 200.8	0.23	0.5			
2021/22-3	Lab	LCS, rec	4/6/2022	Metal	Copper	Dissolved	=	102	%	EPA 200.8	-88	-88	85	115	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2021/22-3	Lab	method blank	4/7/2022	Metal	Copper	Dissolved	<	0.23	µg/L	EPA 200.8	0.23	0.5			
2021/22-3	Lab	LCS	4/7/2022	Metal	Copper	Dissolved	=	51.1	µg/L	EPA 200.8	0.23	0.5			
2021/22-3	Lab	LCS, rec	4/7/2022	Metal	Copper	Dissolved	=	102	%	EPA 200.8	-88	-88	85	115	
2021/22-3	Lab	method blank	4/6/2022	Metal	Copper	Total	<	0.23	µg/L	EPA 200.8	0.23	0.5			
2021/22-3	Lab	LCS	4/6/2022	Metal	Copper	Total	=	51	µg/L	EPA 200.8	0.23	0.5			
2021/22-3	Lab	LCS, rec	4/6/2022	Metal	Copper	Total	=	102	%	EPA 200.8	-88	-88	85	115	
2021/22-3	Lab	method blank	4/7/2022	Metal	Copper	Total	<	0.23	µg/L	EPA 200.8	0.23	0.5			
2021/22-3	Lab	LCS	4/7/2022	Metal	Copper	Total	=	51.1	µg/L	EPA 200.8	0.23	0.5			
2021/22-3	Lab	LCS, rec	4/7/2022	Metal	Copper	Total	=	102	%	EPA 200.8	-88	-88	85	115	
2021/22-3	MO-HUE	matrix spike	4/7/2022	Metal	Copper	Total	=	56.5	µg/L	EPA 200.8	0.23	0.5			
2021/22-3	MO-HUE	matrix spike, rec	4/7/2022	Metal	Copper	Total	=	92	%	EPA 200.8	-88	-88	70	130	
2021/22-3	MO-HUE	matrix spike dup	4/7/2022	Metal	Copper	Total	=	56.1	µg/L	EPA 200.8	0.23	0.5			
2021/22-3	MO-HUE	matrix spike dup, rec	4/7/2022	Metal	Copper	Total	=	91	%	EPA 200.8	-88	-88	70	130	
2021/22-3	MO-HUE	matrix spike, RPD	4/7/2022	Metal	Copper	Total	=	0.6	%	EPA 200.8	-88	-88	0	30	
2021/22-3	MO-MEI	matrix spike	4/6/2022	Metal	Copper	Total	=	66.6	µg/L	EPA 200.8	0.23	0.5			
2021/22-3	MO-MEI	matrix spike, rec	4/6/2022	Metal	Copper	Total	=	97	%	EPA 200.8	-88	-88	70	130	
2021/22-3	MO-MEI	matrix spike dup	4/6/2022	Metal	Copper	Total	=	68.1	µg/L	EPA 200.8	0.23	0.5			
2021/22-3	MO-MEI	matrix spike dup, rec	4/6/2022	Metal	Copper	Total	=	100	%	EPA 200.8	-88	-88	70	130	
2021/22-3	MO-MEI	matrix spike, RPD	4/6/2022	Metal	Copper	Total	=	2	%	EPA 200.8	-88	-88	0	30	
2021/22-3	MO-OXN	matrix spike	4/7/2022	Metal	Copper	Total	=	72.5	µg/L	EPA 200.8	0.23	0.5			
2021/22-3	MO-OXN	matrix spike, rec	4/7/2022	Metal	Copper	Total	=	98	%	EPA 200.8	-88	-88	70	130	
2021/22-3	MO-OXN	matrix spike dup	4/7/2022	Metal	Copper	Total	=	72.7	µg/L	EPA 200.8	0.23	0.5			
2021/22-3	MO-OXN	matrix spike dup, rec	4/7/2022	Metal	Copper	Total	=	99	%	EPA 200.8	-88	-88	70	130	
2021/22-3	MO-OXN	matrix spike, RPD	4/7/2022	Metal	Copper	Total	=	0.2	%	EPA 200.8	-88	-88	0	30	
2021/22-3	MO-VEN	matrix spike	4/6/2022	Metal	Copper	Total	=	95.3	µg/L	EPA 200.8	0.23	0.5			
2021/22-3	MO-VEN	matrix spike, rec	4/6/2022	Metal	Copper	Total	=	97	%	EPA 200.8	-88	-88	70	130	
2021/22-3	MO-VEN	matrix spike dup	4/6/2022	Metal	Copper	Total	=	93.7	µg/L	EPA 200.8	0.23	0.5			
2021/22-3	MO-VEN	matrix spike dup, rec	4/6/2022	Metal	Copper	Total	=	94	%	EPA 200.8	-88	-88	70	130	
2021/22-3	MO-VEN	matrix spike, RPD	4/6/2022	Metal	Copper	Total	=	2	%	EPA 200.8	-88	-88	0	30	
2021/22-3	Lab	method blank	4/6/2022	Metal	Iron	Dissolved	<	3.9	µg/L	EPA 200.8	3.9	20			
2021/22-3	Lab	LCS	4/6/2022	Metal	Iron	Dissolved	=	1100	µg/L	EPA 200.8	3.9	20			
2021/22-3	Lab	LCS, rec	4/6/2022	Metal	Iron	Dissolved	=	104	%	EPA 200.8	-88	-88	85	115	
2021/22-3	Lab	method blank	4/7/2022	Metal	Iron	Dissolved	<	3.9	µg/L	EPA 200.8	3.9	20			
2021/22-3	Lab	LCS	4/7/2022	Metal	Iron	Dissolved	=	1080	µg/L	EPA 200.8	3.9	20			
2021/22-3	Lab	LCS, rec	4/7/2022	Metal	Iron	Dissolved	=	103	%	EPA 200.8	-88	-88	85	115	
2021/22-3	Lab	method blank	4/6/2022	Metal	Iron	Total	<	3.9	µg/L	EPA 200.8	3.9	20			
2021/22-3	Lab	LCS	4/6/2022	Metal	Iron	Total	=	1100	µg/L	EPA 200.8	3.9	20			
2021/22-3	Lab	LCS, rec	4/6/2022	Metal	Iron	Total	=	104	%	EPA 200.8	-88	-88	85	115	
2021/22-3	Lab	method blank	4/7/2022	Metal	Iron	Total	<	3.9	µg/L	EPA 200.8	3.9	20			
2021/22-3	Lab	LCS	4/7/2022	Metal	Iron	Total	=	1080	µg/L	EPA 200.8	3.9	20			
2021/22-3	Lab	LCS, rec	4/7/2022	Metal	Iron	Total	=	103	%	EPA 200.8	-88	-88	85	115	
2021/22-3	MO-HUE	matrix spike	4/7/2022	Metal	Iron	Total	=	5930	µg/L	EPA 200.8	3.9	20			
2021/22-3	MO-HUE	matrix spike, rec	4/7/2022	Metal	Iron	Total	=	111	%	EPA 200.8	-88	-88	70	130	
2021/22-3	MO-HUE	matrix spike dup	4/7/2022	Metal	Iron	Total	=	5830	µg/L	EPA 200.8	3.9	20			
2021/22-3	MO-HUE	matrix spike dup, rec	4/7/2022	Metal	Iron	Total	=	102	%	EPA 200.8	-88	-88	70	130	
2021/22-3	MO-HUE	matrix spike, RPD	4/7/2022	Metal	Iron	Total	=	2	%	EPA 200.8	-88	-88	0	30	
2021/22-3	MO-MEI	matrix spike	4/6/2022	Metal	Iron	Total	=	7460	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	
2021/22-3	MO-MEI	matrix spike, rec	4/6/2022	Metal	Iron	Total	=	87	%	EPA 200.8	-88	-88	70	130	
2021/22-3	MO-MEI	matrix spike dup	4/6/2022	Metal	Iron	Total	=	7480	µg/L	EPA 200.8	3.9	20			
2021/22-3	MO-MEI	matrix spike dup, rec	4/6/2022	Metal	Iron	Total	=	89	%	EPA 200.8	-88	-88	70	130	
2021/22-3	MO-MEI	matrix spike, RPD	4/6/2022	Metal	Iron	Total	=	0.3	%	EPA 200.8	-88	-88	0	30	
2021/22-3	MO-OXN	matrix spike	4/7/2022	Metal	Iron	Total	=	4040	µg/L	EPA 200.8	3.9	20			
2021/22-3	MO-OXN	matrix spike, rec	4/7/2022	Metal	Iron	Total	=	91	%	EPA 200.8	-88	-88	70	130	
2021/22-3	MO-OXN	matrix spike dup	4/7/2022	Metal	Iron	Total	=	3900	µg/L	EPA 200.8	3.9	20			
2021/22-3	MO-OXN	matrix spike dup, rec	4/7/2022	Metal	Iron	Total	=	78	%	EPA 200.8	-88	-88	70	130	
2021/22-3	MO-OXN	matrix spike, RPD	4/7/2022	Metal	Iron	Total	=	3	%	EPA 200.8	-88	-88	0	30	
2021/22-3	MO-VEN	matrix spike	4/6/2022	Metal	Iron	Total	=	6240	µg/L	EPA 200.8	3.9	20			
2021/22-3	MO-VEN	matrix spike, rec	4/6/2022	Metal	Iron	Total	=	78	%	EPA 200.8	-88	-88	70	130	
2021/22-3	MO-VEN	matrix spike dup	4/6/2022	Metal	Iron	Total	=	6340	µg/L	EPA 200.8	3.9	20			
2021/22-3	MO-VEN	matrix spike dup, rec	4/6/2022	Metal	Iron	Total	=	88	%	EPA 200.8	-88	-88	70	130	
2021/22-3	MO-VEN	matrix spike, RPD	4/6/2022	Metal	Iron	Total	=	2	%	EPA 200.8	-88	-88	0	30	
2021/22-3	Lab	method blank	4/6/2022	Metal	Lead	Dissolved	<	0.083	µg/L	EPA 200.8	0.083	0.2			
2021/22-3	Lab	LCS	4/6/2022	Metal	Lead	Dissolved	=	50.1	µg/L	EPA 200.8	0.083	0.2			
2021/22-3	Lab	LCS, rec	4/6/2022	Metal	Lead	Dissolved	=	100	%	EPA 200.8	-88	-88	85	115	
2021/22-3	Lab	method blank	4/7/2022	Metal	Lead	Dissolved	DNQ	0.0978	µg/L	EPA 200.8	0.083	0.2			IP
2021/22-3	Lab	LCS	4/7/2022	Metal	Lead	Dissolved	=	50.2	µg/L	EPA 200.8	0.083	0.2			
2021/22-3	Lab	LCS, rec	4/7/2022	Metal	Lead	Dissolved	=	100	%	EPA 200.8	-88	-88	85	115	
2021/22-3	Lab	method blank	4/6/2022	Metal	Lead	Total	<	0.083	µg/L	EPA 200.8	0.083	0.2			
2021/22-3	Lab	LCS	4/6/2022	Metal	Lead	Total	=	50.1	µg/L	EPA 200.8	0.083	0.2			
2021/22-3	Lab	LCS, rec	4/6/2022	Metal	Lead	Total	=	100	%	EPA 200.8	-88	-88	85	115	
2021/22-3	Lab	method blank	4/7/2022	Metal	Lead	Total	<	0.083	µg/L	EPA 200.8	0.083	0.2			
2021/22-3	Lab	LCS	4/7/2022	Metal	Lead	Total	=	50.2	µg/L	EPA 200.8	0.083	0.2			
2021/22-3	Lab	LCS, rec	4/7/2022	Metal	Lead	Total	=	100	%	EPA 200.8	-88	-88	85	115	
2021/22-3	MO-HUE	matrix spike	4/7/2022	Metal	Lead	Total	=	56	µg/L	EPA 200.8	0.083	0.2			
2021/22-3	MO-HUE	matrix spike, rec	4/7/2022	Metal	Lead	Total	=	103	%	EPA 200.8	-88	-88	70	130	
2021/22-3	MO-HUE	matrix spike dup	4/7/2022	Metal	Lead	Total	=	56	µg/L	EPA 200.8	0.083	0.2			
2021/22-3	MO-HUE	matrix spike dup, rec	4/7/2022	Metal	Lead	Total	=	103	%	EPA 200.8	-88	-88	70	130	
2021/22-3	MO-HUE	matrix spike, RPD	4/7/2022	Metal	Lead	Total	=	0.002	%	EPA 200.8	-88	-88	0	30	
2021/22-3	MO-MEI	matrix spike	4/6/2022	Metal	Lead	Total	=	56.5	µg/L	EPA 200.8	0.083	0.2			
2021/22-3	MO-MEI	matrix spike, rec	4/6/2022	Metal	Lead	Total	=	98	%	EPA 200.8	-88	-88	70	130	
2021/22-3	MO-MEI	matrix spike dup	4/6/2022	Metal	Lead	Total	=	56.6	µg/L	EPA 200.8	0.083	0.2			
2021/22-3	MO-MEI	matrix spike dup, rec	4/6/2022	Metal	Lead	Total	=	99	%	EPA 200.8	-88	-88	70	130	
2021/22-3	MO-MEI	matrix spike, RPD	4/6/2022	Metal	Lead	Total	=	0.1	%	EPA 200.8	-88	-88	0	30	
2021/22-3	MO-OXN	matrix spike	4/7/2022	Metal	Lead	Total	=	55.8	µg/L	EPA 200.8	0.083	0.2			
2021/22-3	MO-OXN	matrix spike, rec	4/7/2022	Metal	Lead	Total	=	97	%	EPA 200.8	-88	-88	70	130	
2021/22-3	MO-OXN	matrix spike dup	4/7/2022	Metal	Lead	Total	=	56.8	µg/L	EPA 200.8	0.083	0.2			
2021/22-3	MO-OXN	matrix spike dup, rec	4/7/2022	Metal	Lead	Total	=	99	%	EPA 200.8	-88	-88	70	130	
2021/22-3	MO-OXN	matrix spike, RPD	4/7/2022	Metal	Lead	Total	=	2	%	EPA 200.8	-88	-88	0	30	
2021/22-3	MO-VEN	matrix spike	4/6/2022	Metal	Lead	Total	=	64.2	µg/L	EPA 200.8	0.083	0.2			
2021/22-3	MO-VEN	matrix spike, rec	4/6/2022	Metal	Lead	Total	=	99	%	EPA 200.8	-88	-88	70	130	
2021/22-3	MO-VEN	matrix spike dup	4/6/2022	Metal	Lead	Total	=	61.7	µg/L	EPA 200.8	0.083	0.2			
2021/22-3	MO-VEN	matrix spike dup, rec	4/6/2022	Metal	Lead	Total	=	94	%	EPA 200.8	-88	-88	70	130	
2021/22-3	MO-VEN	matrix spike, RPD	4/6/2022	Metal	Lead	Total	=	4	%	EPA 200.8	-88	-88	0	30	
2021/22-3	000NONPJ	matrix spike	3/31/2022	Metal	Mercury	Dissolved	=	1020	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	
2021/22-3	000NONPJ	matrix spike, rec	3/31/2022	Metal	Mercury	Dissolved	=	102	%	EPA 245.1	-88	-88	70	130	
2021/22-3	000NONPJ	matrix spike dup	3/31/2022	Metal	Mercury	Dissolved	=	1020	ng/L	EPA 245.1	17	50			
2021/22-3	000NONPJ	matrix spike dup, rec	3/31/2022	Metal	Mercury	Dissolved	=	102	%	EPA 245.1	-88	-88	70	130	
2021/22-3	000NONPJ	matrix spike, RPD	3/31/2022	Metal	Mercury	Dissolved	=	0.8	%	EPA 245.1	-88	-88	0	20	
2021/22-3	000NONPJ	matrix spike	3/31/2022	Metal	Mercury	Dissolved	=	1020	ng/L	EPA 245.1	17	50			
2021/22-3	000NONPJ	matrix spike, rec	3/31/2022	Metal	Mercury	Dissolved	=	99	%	EPA 245.1	-88	-88	70	130	
2021/22-3	000NONPJ	matrix spike dup	3/31/2022	Metal	Mercury	Dissolved	=	1060	ng/L	EPA 245.1	17	50			
2021/22-3	000NONPJ	matrix spike dup, rec	3/31/2022	Metal	Mercury	Dissolved	=	103	%	EPA 245.1	-88	-88	70	130	
2021/22-3	000NONPJ	matrix spike, RPD	3/31/2022	Metal	Mercury	Dissolved	=	4	%	EPA 245.1	-88	-88	0	20	
2021/22-3	Lab	method blank	3/31/2022	Metal	Mercury	Dissolved	<	17	ng/L	EPA 245.1	17	50			
2021/22-3	Lab	LCS	3/31/2022	Metal	Mercury	Dissolved	=	990	ng/L	EPA 245.1	17	50			
2021/22-3	Lab	LCS, rec	3/31/2022	Metal	Mercury	Dissolved	=	99	%	EPA 245.1	-88	-88	85	115	
2021/22-3	Lab	method blank	3/31/2022	Metal	Mercury	Dissolved	<	17	ng/L	EPA 245.1	17	50			
2021/22-3	Lab	LCS	3/31/2022	Metal	Mercury	Dissolved	=	1000	ng/L	EPA 245.1	17	50			
2021/22-3	Lab	LCS, rec	3/31/2022	Metal	Mercury	Dissolved	=	100	%	EPA 245.1	-88	-88	85	115	
2021/22-3	MO-MEI	matrix spike	3/31/2022	Metal	Mercury	Dissolved	=	1040	ng/L	EPA 245.1	17	50			
2021/22-3	MO-MEI	matrix spike, rec	3/31/2022	Metal	Mercury	Dissolved	=	102	%	EPA 245.1	-88	-88	70	130	
2021/22-3	MO-MEI	matrix spike dup	3/31/2022	Metal	Mercury	Dissolved	=	1040	ng/L	EPA 245.1	17	50			
2021/22-3	MO-MEI	matrix spike dup, rec	3/31/2022	Metal	Mercury	Dissolved	=	102	%	EPA 245.1	-88	-88	70	130	
2021/22-3	MO-MEI	matrix spike, RPD	3/31/2022	Metal	Mercury	Dissolved	=	0.08	%	EPA 245.1	-88	-88	0	20	
2021/22-3	MO-VEN	matrix spike	3/31/2022	Metal	Mercury	Dissolved	=	1010	ng/L	EPA 245.1	17	50			
2021/22-3	MO-VEN	matrix spike, rec	3/31/2022	Metal	Mercury	Dissolved	=	101	%	EPA 245.1	-88	-88	70	130	
2021/22-3	MO-VEN	matrix spike dup	3/31/2022	Metal	Mercury	Dissolved	=	1020	ng/L	EPA 245.1	17	50			
2021/22-3	MO-VEN	matrix spike dup, rec	3/31/2022	Metal	Mercury	Dissolved	=	102	%	EPA 245.1	-88	-88	70	130	
2021/22-3	MO-VEN	matrix spike, RPD	3/31/2022	Metal	Mercury	Dissolved	=	1	%	EPA 245.1	-88	-88	0	20	
2021/22-3	000NONPJ	matrix spike	3/31/2022	Metal	Mercury	Total	=	1020	ng/L	EPA 245.1	17	50			
2021/22-3	000NONPJ	matrix spike, rec	3/31/2022	Metal	Mercury	Total	=	102	%	EPA 245.1	-88	-88	70	130	
2021/22-3	000NONPJ	matrix spike dup	3/31/2022	Metal	Mercury	Total	=	1020	ng/L	EPA 245.1	17	50			
2021/22-3	000NONPJ	matrix spike dup, rec	3/31/2022	Metal	Mercury	Total	=	102	%	EPA 245.1	-88	-88	70	130	
2021/22-3	000NONPJ	matrix spike, RPD	3/31/2022	Metal	Mercury	Total	=	0.8	%	EPA 245.1	-88	-88	0	20	
2021/22-3	000NONPJ	matrix spike	3/31/2022	Metal	Mercury	Total	=	1020	ng/L	EPA 245.1	17	50			
2021/22-3	000NONPJ	matrix spike, rec	3/31/2022	Metal	Mercury	Total	=	99	%	EPA 245.1	-88	-88	70	130	
2021/22-3	000NONPJ	matrix spike dup	3/31/2022	Metal	Mercury	Total	=	1060	ng/L	EPA 245.1	17	50			
2021/22-3	000NONPJ	matrix spike dup, rec	3/31/2022	Metal	Mercury	Total	=	103	%	EPA 245.1	-88	-88	70	130	
2021/22-3	000NONPJ	matrix spike, RPD	3/31/2022	Metal	Mercury	Total	=	4	%	EPA 245.1	-88	-88	0	20	
2021/22-3	Lab	method blank	3/31/2022	Metal	Mercury	Total	<	17	ng/L	EPA 245.1	17	50			
2021/22-3	Lab	LCS	3/31/2022	Metal	Mercury	Total	=	990	ng/L	EPA 245.1	17	50			
2021/22-3	Lab	LCS, rec	3/31/2022	Metal	Mercury	Total	=	99	%	EPA 245.1	-88	-88	85	115	
2021/22-3	Lab	method blank	3/31/2022	Metal	Mercury	Total	<	17	ng/L	EPA 245.1	17	50			
2021/22-3	Lab	LCS	3/31/2022	Metal	Mercury	Total	=	1000	ng/L	EPA 245.1	17	50			
2021/22-3	Lab	LCS, rec	3/31/2022	Metal	Mercury	Total	=	100	%	EPA 245.1	-88	-88	85	115	
2021/22-3	MO-MEI	matrix spike	3/31/2022	Metal	Mercury	Total	=	1040	ng/L	EPA 245.1	17	50			
2021/22-3	MO-MEI	matrix spike, rec	3/31/2022	Metal	Mercury	Total	=	100	%	EPA 245.1	-88	-88	70	130	
2021/22-3	MO-MEI	matrix spike dup	3/31/2022	Metal	Mercury	Total	=	1040	ng/L	EPA 245.1	17	50			
2021/22-3	MO-MEI	matrix spike dup, rec	3/31/2022	Metal	Mercury	Total	=	100	%	EPA 245.1	-88	-88	70	130	
2021/22-3	MO-MEI	matrix spike, RPD	3/31/2022	Metal	Mercury	Total	=	0.08	%	EPA 245.1	-88	-88	0	20	
2021/22-3	MO-VEN	matrix spike	3/31/2022	Metal	Mercury	Total	=	1010	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	
2021/22-3	MO-VEN	matrix spike, rec	3/31/2022	Metal	Mercury	Total	=	97	%	EPA 245.1	-88	-88	70	130	
2021/22-3	MO-VEN	matrix spike dup	3/31/2022	Metal	Mercury	Total	=	1020	ng/L	EPA 245.1	17	50			
2021/22-3	MO-VEN	matrix spike dup, rec	3/31/2022	Metal	Mercury	Total	=	98	%	EPA 245.1	-88	-88	70	130	
2021/22-3	MO-VEN	matrix spike, RPD	3/31/2022	Metal	Mercury	Total	=	1	%	EPA 245.1	-88	-88	0	20	
2021/22-3	Lab	method blank	4/6/2022	Metal	Nickel	Dissolved	<	0.16	µg/L	EPA 200.8	0.16	2			
2021/22-3	Lab	LCS	4/6/2022	Metal	Nickel	Dissolved	=	50.2	µg/L	EPA 200.8	0.16	2			
2021/22-3	Lab	LCS, rec	4/6/2022	Metal	Nickel	Dissolved	=	100	%	EPA 200.8	-88	-88	85	115	
2021/22-3	Lab	method blank	4/7/2022	Metal	Nickel	Dissolved	DNQ	0.18	µg/L	EPA 200.8	0.16	2			IP
2021/22-3	Lab	LCS	4/7/2022	Metal	Nickel	Dissolved	=	49.7	µg/L	EPA 200.8	0.16	2			
2021/22-3	Lab	LCS, rec	4/7/2022	Metal	Nickel	Dissolved	=	99	%	EPA 200.8	-88	-88	85	115	
2021/22-3	Lab	method blank	4/6/2022	Metal	Nickel	Total	<	0.16	µg/L	EPA 200.8	0.16	2			
2021/22-3	Lab	LCS	4/6/2022	Metal	Nickel	Total	=	50.2	µg/L	EPA 200.8	0.16	2			
2021/22-3	Lab	LCS, rec	4/6/2022	Metal	Nickel	Total	=	100	%	EPA 200.8	-88	-88	85	115	
2021/22-3	Lab	method blank	4/7/2022	Metal	Nickel	Total	<	0.16	µg/L	EPA 200.8	0.16	2			
2021/22-3	Lab	LCS	4/7/2022	Metal	Nickel	Total	=	49.7	µg/L	EPA 200.8	0.16	2			
2021/22-3	Lab	LCS, rec	4/7/2022	Metal	Nickel	Total	=	99	%	EPA 200.8	-88	-88	85	115	
2021/22-3	MO-HUE	matrix spike	4/7/2022	Metal	Nickel	Total	=	51.1	µg/L	EPA 200.8	0.16	2			
2021/22-3	MO-HUE	matrix spike, rec	4/7/2022	Metal	Nickel	Total	=	93	%	EPA 200.8	-88	-88	70	130	
2021/22-3	MO-HUE	matrix spike dup	4/7/2022	Metal	Nickel	Total	=	51.3	µg/L	EPA 200.8	0.16	2			
2021/22-3	MO-HUE	matrix spike dup, rec	4/7/2022	Metal	Nickel	Total	=	93	%	EPA 200.8	-88	-88	70	130	
2021/22-3	MO-HUE	matrix spike, RPD	4/7/2022	Metal	Nickel	Total	=	0.5	%	EPA 200.8	-88	-88	0	30	
2021/22-3	MO-MEI	matrix spike	4/6/2022	Metal	Nickel	Total	=	67.8	µg/L	EPA 200.8	0.16	2			
2021/22-3	MO-MEI	matrix spike, rec	4/6/2022	Metal	Nickel	Total	=	96	%	EPA 200.8	-88	-88	70	130	
2021/22-3	MO-MEI	matrix spike dup	4/6/2022	Metal	Nickel	Total	=	69.8	µg/L	EPA 200.8	0.16	2			
2021/22-3	MO-MEI	matrix spike dup, rec	4/6/2022	Metal	Nickel	Total	=	100	%	EPA 200.8	-88	-88	70	130	
2021/22-3	MO-MEI	matrix spike, RPD	4/6/2022	Metal	Nickel	Total	=	3	%	EPA 200.8	-88	-88	0	30	
2021/22-3	MO-OXN	matrix spike	4/7/2022	Metal	Nickel	Total	=	55	µg/L	EPA 200.8	0.16	2			
2021/22-3	MO-OXN	matrix spike, rec	4/7/2022	Metal	Nickel	Total	=	98	%	EPA 200.8	-88	-88	70	130	
2021/22-3	MO-OXN	matrix spike dup	4/7/2022	Metal	Nickel	Total	=	55	µg/L	EPA 200.8	0.16	2			
2021/22-3	MO-OXN	matrix spike dup, rec	4/7/2022	Metal	Nickel	Total	=	98	%	EPA 200.8	-88	-88	70	130	
2021/22-3	MO-OXN	matrix spike, RPD	4/7/2022	Metal	Nickel	Total	=	0.08	%	EPA 200.8	-88	-88	0	30	
2021/22-3	MO-VEN	matrix spike	4/6/2022	Metal	Nickel	Total	=	57.4	µg/L	EPA 200.8	0.16	2			
2021/22-3	MO-VEN	matrix spike, rec	4/6/2022	Metal	Nickel	Total	=	97	%	EPA 200.8	-88	-88	70	130	
2021/22-3	MO-VEN	matrix spike dup	4/6/2022	Metal	Nickel	Total	=	56	µg/L	EPA 200.8	0.16	2			
2021/22-3	MO-VEN	matrix spike dup, rec	4/6/2022	Metal	Nickel	Total	=	94	%	EPA 200.8	-88	-88	70	130	
2021/22-3	MO-VEN	matrix spike, RPD	4/6/2022	Metal	Nickel	Total	=	3	%	EPA 200.8	-88	-88	0	30	
2021/22-3	Lab	method blank	4/6/2022	Metal	Selenium	Dissolved	<	0.067	µg/L	EPA 200.8	0.067	0.4			
2021/22-3	Lab	LCS	4/6/2022	Metal	Selenium	Dissolved	=	49.3	µg/L	EPA 200.8	0.067	0.4			
2021/22-3	Lab	LCS, rec	4/6/2022	Metal	Selenium	Dissolved	=	99	%	EPA 200.8	-88	-88	85	115	
2021/22-3	Lab	method blank	4/7/2022	Metal	Selenium	Dissolved	<	0.067	µg/L	EPA 200.8	0.067	0.4			
2021/22-3	Lab	LCS	4/7/2022	Metal	Selenium	Dissolved	=	49	µg/L	EPA 200.8	0.067	0.4			
2021/22-3	Lab	LCS, rec	4/7/2022	Metal	Selenium	Dissolved	=	98	%	EPA 200.8	-88	-88	85	115	
2021/22-3	Lab	method blank	4/6/2022	Metal	Selenium	Total	<	0.067	µg/L	EPA 200.8	0.067	0.4			
2021/22-3	Lab	LCS	4/6/2022	Metal	Selenium	Total	=	49.3	µg/L	EPA 200.8	0.067	0.4			
2021/22-3	Lab	LCS, rec	4/6/2022	Metal	Selenium	Total	=	99	%	EPA 200.8	-88	-88	85	115	
2021/22-3	Lab	method blank	4/7/2022	Metal	Selenium	Total	<	0.067	µg/L	EPA 200.8	0.067	0.4			
2021/22-3	Lab	LCS	4/7/2022	Metal	Selenium	Total	=	49	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	
2021/22-3	Lab	LCS, rec	4/7/2022	Metal	Selenium	Total	=	98	%	EPA 200.8	-88	-88	85	115	
2021/22-3	MO-HUE	matrix spike	4/7/2022	Metal	Selenium	Total	=	48.8	µg/L	EPA 200.8	0.067	0.4			
2021/22-3	MO-HUE	matrix spike, rec	4/7/2022	Metal	Selenium	Total	=	97	%	EPA 200.8	-88	-88	70	130	
2021/22-3	MO-HUE	matrix spike dup	4/7/2022	Metal	Selenium	Total	=	48.4	µg/L	EPA 200.8	0.067	0.4			
2021/22-3	MO-HUE	matrix spike dup, rec	4/7/2022	Metal	Selenium	Total	=	96	%	EPA 200.8	-88	-88	70	130	
2021/22-3	MO-HUE	matrix spike, RPD	4/7/2022	Metal	Selenium	Total	=	0.9	%	EPA 200.8	-88	-88	0	30	
2021/22-3	MO-MEI	matrix spike	4/6/2022	Metal	Selenium	Total	=	47.1	µg/L	EPA 200.8	0.067	0.4			
2021/22-3	MO-MEI	matrix spike, rec	4/6/2022	Metal	Selenium	Total	=	94	%	EPA 200.8	-88	-88	70	130	
2021/22-3	MO-MEI	matrix spike dup	4/6/2022	Metal	Selenium	Total	=	47.5	µg/L	EPA 200.8	0.067	0.4			
2021/22-3	MO-MEI	matrix spike dup, rec	4/6/2022	Metal	Selenium	Total	=	95	%	EPA 200.8	-88	-88	70	130	
2021/22-3	MO-MEI	matrix spike, RPD	4/6/2022	Metal	Selenium	Total	=	0.8	%	EPA 200.8	-88	-88	0	30	
2021/22-3	MO-OXN	matrix spike	4/7/2022	Metal	Selenium	Total	=	48	µg/L	EPA 200.8	0.067	0.4			
2021/22-3	MO-OXN	matrix spike, rec	4/7/2022	Metal	Selenium	Total	=	96	%	EPA 200.8	-88	-88	70	130	
2021/22-3	MO-OXN	matrix spike dup	4/7/2022	Metal	Selenium	Total	=	48.9	µg/L	EPA 200.8	0.067	0.4			
2021/22-3	MO-OXN	matrix spike dup, rec	4/7/2022	Metal	Selenium	Total	=	97	%	EPA 200.8	-88	-88	70	130	
2021/22-3	MO-OXN	matrix spike, RPD	4/7/2022	Metal	Selenium	Total	=	2	%	EPA 200.8	-88	-88	0	30	
2021/22-3	MO-VEN	matrix spike	4/6/2022	Metal	Selenium	Total	=	48.8	µg/L	EPA 200.8	0.067	0.4			
2021/22-3	MO-VEN	matrix spike, rec	4/6/2022	Metal	Selenium	Total	=	96	%	EPA 200.8	-88	-88	70	130	
2021/22-3	MO-VEN	matrix spike dup	4/6/2022	Metal	Selenium	Total	=	46.7	µg/L	EPA 200.8	0.067	0.4			
2021/22-3	MO-VEN	matrix spike dup, rec	4/6/2022	Metal	Selenium	Total	=	92	%	EPA 200.8	-88	-88	70	130	
2021/22-3	MO-VEN	matrix spike, RPD	4/6/2022	Metal	Selenium	Total	=	4	%	EPA 200.8	-88	-88	0	30	
2021/22-3	Lab	method blank	4/6/2022	Metal	Silver	Dissolved	<	0.03	µg/L	EPA 200.8	0.03	0.2			
2021/22-3	Lab	LCS	4/6/2022	Metal	Silver	Dissolved	=	50.6	µg/L	EPA 200.8	0.03	0.2			
2021/22-3	Lab	LCS, rec	4/6/2022	Metal	Silver	Dissolved	=	101	%	EPA 200.8	-88	-88	85	115	
2021/22-3	Lab	method blank	4/7/2022	Metal	Silver	Dissolved	<	0.03	µg/L	EPA 200.8	0.03	0.2			
2021/22-3	Lab	LCS	4/7/2022	Metal	Silver	Dissolved	=	50.3	µg/L	EPA 200.8	0.03	0.2			
2021/22-3	Lab	LCS, rec	4/7/2022	Metal	Silver	Dissolved	=	101	%	EPA 200.8	-88	-88	85	115	
2021/22-3	Lab	method blank	4/6/2022	Metal	Silver	Total	<	0.13	µg/L	EPA 200.8	0.13	0.2			
2021/22-3	Lab	LCS	4/6/2022	Metal	Silver	Total	=	50.6	µg/L	EPA 200.8	0.13	0.2			
2021/22-3	Lab	LCS, rec	4/6/2022	Metal	Silver	Total	=	101	%	EPA 200.8	-88	-88	85	115	
2021/22-3	Lab	method blank	4/7/2022	Metal	Silver	Total	<	0.13	µg/L	EPA 200.8	0.13	0.2			
2021/22-3	Lab	LCS	4/7/2022	Metal	Silver	Total	=	50.3	µg/L	EPA 200.8	0.13	0.2			
2021/22-3	Lab	LCS, rec	4/7/2022	Metal	Silver	Total	=	101	%	EPA 200.8	-88	-88	85	115	
2021/22-3	MO-HUE	matrix spike	4/7/2022	Metal	Silver	Total	=	48.2	µg/L	EPA 200.8	0.13	0.2			
2021/22-3	MO-HUE	matrix spike, rec	4/7/2022	Metal	Silver	Total	=	96	%	EPA 200.8	-88	-88	70	130	
2021/22-3	MO-HUE	matrix spike dup	4/7/2022	Metal	Silver	Total	=	48.1	µg/L	EPA 200.8	0.13	0.2			
2021/22-3	MO-HUE	matrix spike dup, rec	4/7/2022	Metal	Silver	Total	=	96	%	EPA 200.8	-88	-88	70	130	
2021/22-3	MO-HUE	matrix spike, RPD	4/7/2022	Metal	Silver	Total	=	0.3	%	EPA 200.8	-88	-88	0	30	
2021/22-3	MO-MEI	matrix spike	4/6/2022	Metal	Silver	Total	=	50.1	µg/L	EPA 200.8	0.13	0.2			
2021/22-3	MO-MEI	matrix spike, rec	4/6/2022	Metal	Silver	Total	=	100	%	EPA 200.8	-88	-88	70	130	
2021/22-3	MO-MEI	matrix spike dup	4/6/2022	Metal	Silver	Total	=	51	µg/L	EPA 200.8	0.13	0.2			
2021/22-3	MO-MEI	matrix spike dup, rec	4/6/2022	Metal	Silver	Total	=	102	%	EPA 200.8	-88	-88	70	130	
2021/22-3	MO-MEI	matrix spike, RPD	4/6/2022	Metal	Silver	Total	=	2	%	EPA 200.8	-88	-88	0	30	
2021/22-3	MO-OXN	matrix spike	4/7/2022	Metal	Silver	Total	=	49.1	µg/L	EPA 200.8	0.13	0.2			
2021/22-3	MO-OXN	matrix spike, rec	4/7/2022	Metal	Silver	Total	=	98	%	EPA 200.8	-88	-88	70	130	
2021/22-3	MO-OXN	matrix spike dup	4/7/2022	Metal	Silver	Total	=	50.4	µg/L	EPA 200.8	0.13	0.2			
2021/22-3	MO-OXN	matrix spike dup, rec	4/7/2022	Metal	Silver	Total	=	101	%	EPA 200.8	-88	-88	70	130	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2021/22-3	MO-OXN	matrix spike, RPD	4/7/2022	Metal	Silver	Total	=	3	%	EPA 200.8	-88	-88	0	30	
2021/22-3	MO-VEN	matrix spike	4/6/2022	Metal	Silver	Total	=	49.8	µg/L	EPA 200.8	0.13	0.2			
2021/22-3	MO-VEN	matrix spike, rec	4/6/2022	Metal	Silver	Total	=	100	%	EPA 200.8	-88	-88	70	130	
2021/22-3	MO-VEN	matrix spike dup	4/6/2022	Metal	Silver	Total	=	48.2	µg/L	EPA 200.8	0.13	0.2			
2021/22-3	MO-VEN	matrix spike dup, rec	4/6/2022	Metal	Silver	Total	=	96	%	EPA 200.8	-88	-88	70	130	
2021/22-3	MO-VEN	matrix spike, RPD	4/6/2022	Metal	Silver	Total	=	3	%	EPA 200.8	-88	-88	0	30	
2021/22-3	Lab	method blank	4/6/2022	Metal	Thallium	Dissolved	<	0.021	µg/L	EPA 200.8	0.021	0.2			
2021/22-3	Lab	LCS	4/6/2022	Metal	Thallium	Dissolved	=	49.2	µg/L	EPA 200.8	0.021	0.2			
2021/22-3	Lab	LCS, rec	4/6/2022	Metal	Thallium	Dissolved	=	98	%	EPA 200.8	-88	-88	85	115	
2021/22-3	Lab	method blank	4/7/2022	Metal	Thallium	Dissolved	<	0.021	µg/L	EPA 200.8	0.021	0.2			
2021/22-3	Lab	LCS	4/7/2022	Metal	Thallium	Dissolved	=	49.5	µg/L	EPA 200.8	0.021	0.2			
2021/22-3	Lab	LCS, rec	4/7/2022	Metal	Thallium	Dissolved	=	99	%	EPA 200.8	-88	-88	85	115	
2021/22-3	Lab	method blank	4/6/2022	Metal	Thallium	Total	<	0.021	µg/L	EPA 200.8	0.021	0.2			
2021/22-3	Lab	LCS	4/6/2022	Metal	Thallium	Total	=	49.2	µg/L	EPA 200.8	0.021	0.2			
2021/22-3	Lab	LCS, rec	4/6/2022	Metal	Thallium	Total	=	98	%	EPA 200.8	-88	-88	85	115	
2021/22-3	Lab	method blank	4/7/2022	Metal	Thallium	Total	<	0.021	µg/L	EPA 200.8	0.021	0.2			
2021/22-3	Lab	LCS	4/7/2022	Metal	Thallium	Total	=	49.5	µg/L	EPA 200.8	0.021	0.2			
2021/22-3	Lab	LCS, rec	4/7/2022	Metal	Thallium	Total	=	99	%	EPA 200.8	-88	-88	85	115	
2021/22-3	MO-HUE	matrix spike	4/7/2022	Metal	Thallium	Total	=	51	µg/L	EPA 200.8	0.021	0.2			
2021/22-3	MO-HUE	matrix spike, rec	4/7/2022	Metal	Thallium	Total	=	102	%	EPA 200.8	-88	-88	70	130	
2021/22-3	MO-HUE	matrix spike dup	4/7/2022	Metal	Thallium	Total	=	50.8	µg/L	EPA 200.8	0.021	0.2			
2021/22-3	MO-HUE	matrix spike dup, rec	4/7/2022	Metal	Thallium	Total	=	102	%	EPA 200.8	-88	-88	70	130	
2021/22-3	MO-HUE	matrix spike, RPD	4/7/2022	Metal	Thallium	Total	=	0.5	%	EPA 200.8	-88	-88	0	30	
2021/22-3	MO-MEI	matrix spike	4/6/2022	Metal	Thallium	Total	=	48.3	µg/L	EPA 200.8	0.021	0.2			
2021/22-3	MO-MEI	matrix spike, rec	4/6/2022	Metal	Thallium	Total	=	96	%	EPA 200.8	-88	-88	70	130	
2021/22-3	MO-MEI	matrix spike dup	4/6/2022	Metal	Thallium	Total	=	48.5	µg/L	EPA 200.8	0.021	0.2			
2021/22-3	MO-MEI	matrix spike dup, rec	4/6/2022	Metal	Thallium	Total	=	97	%	EPA 200.8	-88	-88	70	130	
2021/22-3	MO-MEI	matrix spike, RPD	4/6/2022	Metal	Thallium	Total	=	0.5	%	EPA 200.8	-88	-88	0	30	
2021/22-3	MO-OXN	matrix spike	4/7/2022	Metal	Thallium	Total	=	47.8	µg/L	EPA 200.8	0.021	0.2			
2021/22-3	MO-OXN	matrix spike, rec	4/7/2022	Metal	Thallium	Total	=	96	%	EPA 200.8	-88	-88	70	130	
2021/22-3	MO-OXN	matrix spike dup	4/7/2022	Metal	Thallium	Total	=	48.7	µg/L	EPA 200.8	0.021	0.2			
2021/22-3	MO-OXN	matrix spike dup, rec	4/7/2022	Metal	Thallium	Total	=	97	%	EPA 200.8	-88	-88	70	130	
2021/22-3	MO-OXN	matrix spike, RPD	4/7/2022	Metal	Thallium	Total	=	2	%	EPA 200.8	-88	-88	0	30	
2021/22-3	MO-VEN	matrix spike	4/6/2022	Metal	Thallium	Total	=	48.4	µg/L	EPA 200.8	0.021	0.2			
2021/22-3	MO-VEN	matrix spike, rec	4/6/2022	Metal	Thallium	Total	=	97	%	EPA 200.8	-88	-88	70	130	
2021/22-3	MO-VEN	matrix spike dup	4/6/2022	Metal	Thallium	Total	=	45.8	µg/L	EPA 200.8	0.021	0.2			
2021/22-3	MO-VEN	matrix spike dup, rec	4/6/2022	Metal	Thallium	Total	=	92	%	EPA 200.8	-88	-88	70	130	
2021/22-3	MO-VEN	matrix spike, RPD	4/6/2022	Metal	Thallium	Total	=	6	%	EPA 200.8	-88	-88	0	30	
2021/22-3	Lab	method blank	4/6/2022	Metal	Zinc	Dissolved	<	0.8	µg/L	EPA 200.8	0.8	10			
2021/22-3	Lab	LCS	4/6/2022	Metal	Zinc	Dissolved	=	49.9	µg/L	EPA 200.8	0.8	10			
2021/22-3	Lab	LCS, rec	4/6/2022	Metal	Zinc	Dissolved	=	100	%	EPA 200.8	-88	-88	85	115	
2021/22-3	Lab	method blank	4/7/2022	Metal	Zinc	Dissolved	<	0.8	µg/L	EPA 200.8	0.8	10			
2021/22-3	Lab	LCS	4/7/2022	Metal	Zinc	Dissolved	=	49.3	µg/L	EPA 200.8	0.8	10			
2021/22-3	Lab	LCS, rec	4/7/2022	Metal	Zinc	Dissolved	=	99	%	EPA 200.8	-88	-88	85	115	
2021/22-3	Lab	method blank	4/6/2022	Metal	Zinc	Total	<	1.7	µg/L	EPA 200.8	1.7	10			
2021/22-3	Lab	LCS	4/6/2022	Metal	Zinc	Total	=	49.9	µg/L	EPA 200.8	1.7	10			
2021/22-3	Lab	LCS, rec	4/6/2022	Metal	Zinc	Total	=	100	%	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	
2021/22-3	Lab	method blank	4/7/2022	Metal	Zinc	Total	<	1.7	µg/L	EPA 200.8	1.7	10			
2021/22-3	Lab	LCS	4/7/2022	Metal	Zinc	Total	=	49.3	µg/L	EPA 200.8	1.7	10			
2021/22-3	Lab	LCS, rec	4/7/2022	Metal	Zinc, rec	Total	=	99	%	EPA 200.8	-88	-88	85	115	
2021/22-3	MO-HUE	matrix spike	4/7/2022	Metal	Zinc	Total	=	105	µg/L	EPA 200.8	1.7	10			
2021/22-3	MO-HUE	matrix spike, rec	4/7/2022	Metal	Zinc	Total	=	91	%	EPA 200.8	-88	-88	70	130	
2021/22-3	MO-HUE	matrix spike dup	4/7/2022	Metal	Zinc	Total	=	106	µg/L	EPA 200.8	1.7	10			
2021/22-3	MO-HUE	matrix spike dup, rec	4/7/2022	Metal	Zinc	Total	=	93	%	EPA 200.8	-88	-88	70	130	
2021/22-3	MO-HUE	matrix spike, RPD	4/7/2022	Metal	Zinc	Total	=	0.6	%	EPA 200.8	-88	-88	0	30	
2021/22-3	MO-MEI	matrix spike	4/6/2022	Metal	Zinc	Total	=	139	µg/L	EPA 200.8	1.7	10			
2021/22-3	MO-MEI	matrix spike, rec	4/6/2022	Metal	Zinc	Total	=	100	%	EPA 200.8	-88	-88	70	130	
2021/22-3	MO-MEI	matrix spike dup	4/6/2022	Metal	Zinc	Total	=	140	µg/L	EPA 200.8	1.7	10			
2021/22-3	MO-MEI	matrix spike dup, rec	4/6/2022	Metal	Zinc	Total	=	103	%	EPA 200.8	-88	-88	70	130	
2021/22-3	MO-MEI	matrix spike, RPD	4/6/2022	Metal	Zinc	Total	=	1	%	EPA 200.8	-88	-88	0	30	
2021/22-3	MO-OXN	matrix spike	4/7/2022	Metal	Zinc	Total	=	204	µg/L	EPA 200.8	1.7	10			
2021/22-3	MO-OXN	matrix spike, rec	4/7/2022	Metal	Zinc	Total	=	94	%	EPA 200.8	-88	-88	70	130	
2021/22-3	MO-OXN	matrix spike dup	4/7/2022	Metal	Zinc	Total	=	205	µg/L	EPA 200.8	1.7	10			
2021/22-3	MO-OXN	matrix spike dup, rec	4/7/2022	Metal	Zinc	Total	=	95	%	EPA 200.8	-88	-88	70	130	
2021/22-3	MO-OXN	matrix spike, RPD	4/7/2022	Metal	Zinc	Total	=	0.3	%	EPA 200.8	-88	-88	0	30	
2021/22-3	MO-VEN	matrix spike	4/6/2022	Metal	Zinc	Total	=	227	µg/L	EPA 200.8	1.7	10			
2021/22-3	MO-VEN	matrix spike, rec	4/6/2022	Metal	Zinc	Total	=	89	%	EPA 200.8	-88	-88	70	130	
2021/22-3	MO-VEN	matrix spike dup	4/6/2022	Metal	Zinc	Total	=	225	µg/L	EPA 200.8	1.7	10			
2021/22-3	MO-VEN	matrix spike dup, rec	4/6/2022	Metal	Zinc	Total	=	85	%	EPA 200.8	-88	-88	70	130	
2021/22-3	MO-VEN	matrix spike, RPD	4/6/2022	Metal	Zinc	Total	=	0.9	%	EPA 200.8	-88	-88	0	30	
2021/22-3	000NONPJ	matrix spike	4/4/2022	Nutrient	Ammonia as N	n/a	=	0.368	mg/L	EPA 350.1	0.017	0.1			
2021/22-3	000NONPJ	matrix spike, rec	4/4/2022	Nutrient	Ammonia as N	n/a	=	102	%	EPA 350.1	-88	-88	90	110	
2021/22-3	000NONPJ	matrix spike dup	4/4/2022	Nutrient	Ammonia as N	n/a	=	0.37	mg/L	EPA 350.1	0.017	0.1			
2021/22-3	000NONPJ	matrix spike dup, rec	4/4/2022	Nutrient	Ammonia as N	n/a	=	103	%	EPA 350.1	-88	-88	90	110	
2021/22-3	000NONPJ	matrix spike, RPD	4/4/2022	Nutrient	Ammonia as N	n/a	=	0.4	%	EPA 350.1	-88	-88	0	15	
2021/22-3	Lab	method blank	4/4/2022	Nutrient	Ammonia as N	n/a	<	0.017	mg/L	EPA 350.1	0.017	0.1			
2021/22-3	Lab	LCS	4/4/2022	Nutrient	Ammonia as N	n/a	=	0.26	mg/L	EPA 350.1	0.017	0.1			
2021/22-3	Lab	LCS, rec	4/4/2022	Nutrient	Ammonia as N	n/a	=	104	%	EPA 350.1	-88	-88	90	110	
2021/22-3	Lab	method blank	4/4/2022	Nutrient	Ammonia as N	n/a	<	0.017	mg/L	EPA 350.1	0.017	0.1			
2021/22-3	Lab	LCS	4/4/2022	Nutrient	Ammonia as N	n/a	=	0.261	mg/L	EPA 350.1	0.017	0.1			
2021/22-3	Lab	LCS, rec	4/4/2022	Nutrient	Ammonia as N	n/a	=	105	%	EPA 350.1	-88	-88	90	110	
2021/22-3	MO-OJA	matrix spike	4/4/2022	Nutrient	Ammonia as N	n/a	=	0.676	mg/L	EPA 350.1	0.017	0.1			
2021/22-3	MO-OJA	matrix spike, rec	4/4/2022	Nutrient	Ammonia as N	n/a	=	103	%	EPA 350.1	-88	-88	90	110	
2021/22-3	MO-OJA	matrix spike dup	4/4/2022	Nutrient	Ammonia as N	n/a	=	0.676	mg/L	EPA 350.1	0.017	0.1			
2021/22-3	MO-OJA	matrix spike dup, rec	4/4/2022	Nutrient	Ammonia as N	n/a	=	103	%	EPA 350.1	-88	-88	90	110	
2021/22-3	MO-OJA	matrix spike, RPD	4/4/2022	Nutrient	Ammonia as N	n/a	=	0.03	%	EPA 350.1	-88	-88	0	15	
2021/22-3	000NONPJ	matrix spike	3/30/2022	Nutrient	Nitrate + Nitrite as N	n/a	=	7.45	mg/L	EPA 353.2	0.036	0.2			
2021/22-3	000NONPJ	matrix spike, rec	3/30/2022	Nutrient	Nitrate + Nitrite as N	n/a	=	103	%	EPA 353.2	-88	-88	90	110	
2021/22-3	000NONPJ	matrix spike dup	3/30/2022	Nutrient	Nitrate + Nitrite as N	n/a	=	7.47	mg/L	EPA 353.2	0.036	0.2			
2021/22-3	000NONPJ	matrix spike dup, rec	3/30/2022	Nutrient	Nitrate + Nitrite as N	n/a	=	104	%	EPA 353.2	-88	-88	90	110	
2021/22-3	000NONPJ	matrix spike, RPD	3/30/2022	Nutrient	Nitrate + Nitrite as N	n/a	=	0.3	%	EPA 353.2	-88	-88	0	20	
2021/22-3	000NONPJ	matrix spike	4/9/2022	Nutrient	Nitrate + Nitrite as N	n/a	=	2.26	mg/L	EPA 353.2	0.036	0.2			
2021/22-3	000NONPJ	matrix spike, rec	4/9/2022	Nutrient	Nitrate + Nitrite as N	n/a	=	104	%	EPA 353.2	-88	-88	90	110	
2021/22-3	000NONPJ	matrix spike dup	4/9/2022	Nutrient	Nitrate + Nitrite as N	n/a	=	2.25	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	
2021/22-3	000NONPJ	matrix spike dup, rec	4/9/2022	Nutrient	Nitrate + Nitrite as N	n/a	=	103	%	EPA 353.2	-88	-88	90	110	
2021/22-3	000NONPJ	matrix spike, RPD	4/9/2022	Nutrient	Nitrate + Nitrite as N	n/a	=	0.4	%	EPA 353.2	-88	-88	0	20	
2021/22-3	000NONPJ	matrix spike	4/9/2022	Nutrient	Nitrate + Nitrite as N	n/a	=	2.27	mg/L	EPA 353.2	0.036	0.2			
2021/22-3	000NONPJ	matrix spike, rec	4/9/2022	Nutrient	Nitrate + Nitrite as N	n/a	=	103	%	EPA 353.2	-88	-88	90	110	
2021/22-3	000NONPJ	matrix spike dup	4/9/2022	Nutrient	Nitrate + Nitrite as N	n/a	=	2.28	mg/L	EPA 353.2	0.036	0.2			
2021/22-3	000NONPJ	matrix spike dup, rec	4/9/2022	Nutrient	Nitrate + Nitrite as N	n/a	=	103	%	EPA 353.2	-88	-88	90	110	
2021/22-3	000NONPJ	matrix spike, RPD	4/9/2022	Nutrient	Nitrate + Nitrite as N	n/a	=	0.4	%	EPA 353.2	-88	-88	0	20	
2021/22-3	Lab	method blank	3/30/2022	Nutrient	Nitrate + Nitrite as N	n/a	<	0.036	mg/L	EPA 353.2	0.036	0.2			
2021/22-3	Lab	LCS	3/30/2022	Nutrient	Nitrate + Nitrite as N	n/a	=	1.03	mg/L	EPA 353.2	0.036	0.2			
2021/22-3	Lab	LCS, rec	3/30/2022	Nutrient	Nitrate + Nitrite as N	n/a	=	103	%	EPA 353.2	-88	-88	90	110	
2021/22-3	Lab	method blank	4/9/2022	Nutrient	Nitrate + Nitrite as N	n/a	<	0.036	mg/L	EPA 353.2	0.036	0.2			
2021/22-3	Lab	LCS	4/9/2022	Nutrient	Nitrate + Nitrite as N	n/a	=	1.04	mg/L	EPA 353.2	0.036	0.2			
2021/22-3	Lab	LCS, rec	4/9/2022	Nutrient	Nitrate + Nitrite as N	n/a	=	104	%	EPA 353.2	-88	-88	90	110	
2021/22-3	000NONPJ	matrix spike	3/30/2022	Nutrient	Nitrate as N	n/a	=	7.45	mg/L	EPA 353.2	0.04	0.2			
2021/22-3	000NONPJ	matrix spike, rec	3/30/2022	Nutrient	Nitrate as N	n/a	=	103	%	EPA 353.2	-88	-88	90	110	
2021/22-3	000NONPJ	matrix spike dup	3/30/2022	Nutrient	Nitrate as N	n/a	=	7.47	mg/L	EPA 353.2	0.04	0.2			
2021/22-3	000NONPJ	matrix spike dup, rec	3/30/2022	Nutrient	Nitrate as N	n/a	=	104	%	EPA 353.2	-88	-88	90	110	
2021/22-3	000NONPJ	matrix spike, RPD	3/30/2022	Nutrient	Nitrate as N	n/a	=	0.3	%	EPA 353.2	-88	-88	0	20	
2021/22-3	Lab	method blank	3/30/2022	Nutrient	Nitrate as N	n/a	<	0.04	mg/L	EPA 353.2	0.04	0.2			
2021/22-3	Lab	LCS	3/30/2022	Nutrient	Nitrate as N	n/a	=	1.03	mg/L	EPA 353.2	0.04	0.2			
2021/22-3	Lab	LCS, rec	3/30/2022	Nutrient	Nitrate as N	n/a	=	103	%	EPA 353.2	-88	-88	90	110	
2021/22-3	Lab	method blank	4/7/2022	Nutrient	Phosphorus as P	Dissolved	<	0.018	mg/L	EPA 200.7	0.018	0.05			
2021/22-3	Lab	LCS	4/7/2022	Nutrient	Phosphorus as P	Dissolved	=	2.03	mg/L	EPA 200.7	0.018	0.05			
2021/22-3	Lab	LCS, rec	4/7/2022	Nutrient	Phosphorus as P	Dissolved	=	101	%	EPA 200.7	-88	-88	85	115	
2021/22-3	Lab	method blank	4/7/2022	Nutrient	Phosphorus as P	Dissolved	<	0.018	mg/L	EPA 200.7	0.018	0.05			
2021/22-3	Lab	LCS	4/7/2022	Nutrient	Phosphorus as P	Dissolved	=	1.98	mg/L	EPA 200.7	0.018	0.05			
2021/22-3	Lab	LCS, rec	4/7/2022	Nutrient	Phosphorus as P	Dissolved	=	99	%	EPA 200.7	-88	-88	85	115	
2021/22-3	MO-FIL	matrix spike	4/7/2022	Nutrient	Phosphorus as P	Dissolved	=	2.43	mg/L	EPA 200.7	0.018	0.05			
2021/22-3	MO-FIL	matrix spike, rec	4/7/2022	Nutrient	Phosphorus as P	Dissolved	=	106	%	EPA 200.7	-88	-88	70	130	
2021/22-3	MO-FIL	matrix spike dup	4/7/2022	Nutrient	Phosphorus as P	Dissolved	=	2.43	mg/L	EPA 200.7	0.018	0.05			
2021/22-3	MO-FIL	matrix spike dup, rec	4/7/2022	Nutrient	Phosphorus as P	Dissolved	=	106	%	EPA 200.7	-88	-88	70	130	
2021/22-3	MO-FIL	matrix spike, RPD	4/7/2022	Nutrient	Phosphorus as P	Dissolved	=	0.1	%	EPA 200.7	-88	-88	0	30	
2021/22-3	MO-SPA	matrix spike	4/7/2022	Nutrient	Phosphorus as P	Dissolved	=	2.5	mg/L	EPA 200.7	0.018	0.05			
2021/22-3	MO-SPA	matrix spike, rec	4/7/2022	Nutrient	Phosphorus as P	Dissolved	=	106	%	EPA 200.7	-88	-88	70	130	
2021/22-3	MO-SPA	matrix spike dup	4/7/2022	Nutrient	Phosphorus as P	Dissolved	=	2.48	mg/L	EPA 200.7	0.018	0.05			
2021/22-3	MO-SPA	matrix spike dup, rec	4/7/2022	Nutrient	Phosphorus as P	Dissolved	=	105	%	EPA 200.7	-88	-88	70	130	
2021/22-3	MO-SPA	matrix spike, RPD	4/7/2022	Nutrient	Phosphorus as P	Dissolved	=	0.8	%	EPA 200.7	-88	-88	0	30	
2021/22-3	Lab	method blank	4/7/2022	Nutrient	Phosphorus as P	Total	<	0.018	mg/L	EPA 200.7	0.018	0.05			
2021/22-3	Lab	LCS	4/7/2022	Nutrient	Phosphorus as P	Total	=	2.03	mg/L	EPA 200.7	0.018	0.05			
2021/22-3	Lab	LCS, rec	4/7/2022	Nutrient	Phosphorus as P	Total	=	101	%	EPA 200.7	-88	-88	85	115	
2021/22-3	Lab	method blank	4/7/2022	Nutrient	Phosphorus as P	Total	<	0.018	mg/L	EPA 200.7	0.018	0.05			
2021/22-3	Lab	LCS	4/7/2022	Nutrient	Phosphorus as P	Total	=	1.98	mg/L	EPA 200.7	0.018	0.05			
2021/22-3	Lab	LCS, rec	4/7/2022	Nutrient	Phosphorus as P	Total	=	99	%	EPA 200.7	-88	-88	85	115	
2021/22-3	ME-CC	matrix spike	4/7/2022	Nutrient	Phosphorus as P	Total	=	3.33	mg/L	EPA 200.7	0.018	0.05			
2021/22-3	ME-CC	matrix spike, rec	4/7/2022	Nutrient	Phosphorus as P	Total	=	94	%	EPA 200.7	-88	-88	70	130	
2021/22-3	ME-CC	matrix spike dup	4/7/2022	Nutrient	Phosphorus as P	Total	=	3.36	mg/L	EPA 200.7	0.018	0.05			
2021/22-3	ME-CC	matrix spike dup, rec	4/7/2022	Nutrient	Phosphorus as P	Total	=	96	%	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	
2021/22-3	ME-CC	matrix spike, RPD	4/7/2022	Nutrient	Phosphorus as P	Total	=	0.7	%	EPA 200.7	-88	-88	0	30	
2021/22-3	MO-CAM	matrix spike	4/7/2022	Nutrient	Phosphorus as P	Total	=	2.58	mg/L	EPA 200.7	0.018	0.05			
2021/22-3	MO-CAM	matrix spike, rec	4/7/2022	Nutrient	Phosphorus as P	Total	=	98	%	EPA 200.7	-88	-88	70	130	
2021/22-3	MO-CAM	matrix spike dup	4/7/2022	Nutrient	Phosphorus as P	Total	=	2.58	mg/L	EPA 200.7	0.018	0.05			
2021/22-3	MO-CAM	matrix spike dup, rec	4/7/2022	Nutrient	Phosphorus as P	Total	=	99	%	EPA 200.7	-88	-88	70	130	
2021/22-3	MO-CAM	matrix spike, RPD	4/7/2022	Nutrient	Phosphorus as P	Total	=	0.3	%	EPA 200.7	-88	-88	0	30	
2021/22-3	MO-FIL	matrix spike	4/7/2022	Nutrient	Phosphorus as P	Total	=	2.43	mg/L	EPA 200.7	0.018	0.05			
2021/22-3	MO-FIL	matrix spike, rec	4/7/2022	Nutrient	Phosphorus as P	Total	=	100	%	EPA 200.7	-88	-88	70	130	
2021/22-3	MO-FIL	matrix spike dup	4/7/2022	Nutrient	Phosphorus as P	Total	=	2.43	mg/L	EPA 200.7	0.018	0.05			
2021/22-3	MO-FIL	matrix spike dup, rec	4/7/2022	Nutrient	Phosphorus as P	Total	=	100	%	EPA 200.7	-88	-88	70	130	
2021/22-3	MO-FIL	matrix spike, RPD	4/7/2022	Nutrient	Phosphorus as P	Total	=	0.1	%	EPA 200.7	-88	-88	0	30	
2021/22-3	MO-SPA	matrix spike	4/7/2022	Nutrient	Phosphorus as P	Total	=	2.5	mg/L	EPA 200.7	0.018	0.05			
2021/22-3	MO-SPA	matrix spike, rec	4/7/2022	Nutrient	Phosphorus as P	Total	=	98	%	EPA 200.7	-88	-88	70	130	
2021/22-3	MO-SPA	matrix spike dup	4/7/2022	Nutrient	Phosphorus as P	Total	=	2.48	mg/L	EPA 200.7	0.018	0.05			
2021/22-3	MO-SPA	matrix spike dup, rec	4/7/2022	Nutrient	Phosphorus as P	Total	=	97	%	EPA 200.7	-88	-88	70	130	
2021/22-3	MO-SPA	matrix spike, RPD	4/7/2022	Nutrient	Phosphorus as P	Total	=	0.8	%	EPA 200.7	-88	-88	0	30	
2021/22-3	000NONPJ	matrix spike	4/6/2022	Nutrient	TKN	n/a	=	1.04	mg/L	EPA 351.2	0.065	0.1			
2021/22-3	000NONPJ	matrix spike, rec	4/6/2022	Nutrient	TKN	n/a	=	104	%	EPA 351.2	-88	-88			
2021/22-3	000NONPJ	matrix spike dup	4/6/2022	Nutrient	TKN	n/a	=	1.08	mg/L	EPA 351.2	0.065	0.1			
2021/22-3	000NONPJ	matrix spike dup, rec	4/6/2022	Nutrient	TKN	n/a	=	108	%	EPA 351.2	-88	-88			
2021/22-3	000NONPJ	matrix spike, RPD	4/6/2022	Nutrient	TKN	n/a	=	3	%	EPA 351.2	-88	-88	0		
2021/22-3	000NONPJ	matrix spike	4/6/2022	Nutrient	TKN	n/a	=	0.967	mg/L	EPA 351.2	0.065	0.1			
2021/22-3	000NONPJ	matrix spike, rec	4/6/2022	Nutrient	TKN	n/a	=	97	%	EPA 351.2	-88	-88			
2021/22-3	000NONPJ	matrix spike dup	4/6/2022	Nutrient	TKN	n/a	=	0.981	mg/L	EPA 351.2	0.065	0.1			
2021/22-3	000NONPJ	matrix spike dup, rec	4/6/2022	Nutrient	TKN	n/a	=	98	%	EPA 351.2	-88	-88			
2021/22-3	000NONPJ	matrix spike, RPD	4/6/2022	Nutrient	TKN	n/a	=	1	%	EPA 351.2	-88	-88	0		
2021/22-3	000NONPJ	matrix spike	4/7/2022	Nutrient	TKN	n/a	=	1.04	mg/L	EPA 351.2	0.065	0.1			
2021/22-3	000NONPJ	matrix spike, rec	4/7/2022	Nutrient	TKN	n/a	=	104	%	EPA 351.2	-88	-88			
2021/22-3	000NONPJ	matrix spike dup	4/7/2022	Nutrient	TKN	n/a	=	1.1	mg/L	EPA 351.2	0.065	0.1			
2021/22-3	000NONPJ	matrix spike dup, rec	4/7/2022	Nutrient	TKN	n/a	=	110	%	EPA 351.2	-88	-88			
2021/22-3	000NONPJ	matrix spike, RPD	4/7/2022	Nutrient	TKN	n/a	=	6	%	EPA 351.2	-88	-88	0		
2021/22-3	Lab	method blank	4/6/2022	Nutrient	TKN	n/a	<	0.065	mg/L	EPA 351.2	0.065	0.1			
2021/22-3	Lab	LCS	4/6/2022	Nutrient	TKN	n/a	=	1	mg/L	EPA 351.2	0.065	0.1			
2021/22-3	Lab	LCS, rec	4/6/2022	Nutrient	TKN	n/a	=	100	%	EPA 351.2	-88	-88			
2021/22-3	Lab	method blank	4/6/2022	Nutrient	TKN	n/a	<	0.065	mg/L	EPA 351.2	0.065	0.1			
2021/22-3	Lab	LCS	4/6/2022	Nutrient	TKN	n/a	=	1.02	mg/L	EPA 351.2	0.065	0.1			
2021/22-3	Lab	LCS, rec	4/6/2022	Nutrient	TKN	n/a	=	102	%	EPA 351.2	-88	-88			
2021/22-3	Lab	method blank	4/7/2022	Nutrient	TKN	n/a	<	0.065	mg/L	EPA 351.2	0.065	0.1			
2021/22-3	Lab	LCS	4/7/2022	Nutrient	TKN	n/a	=	0.999	mg/L	EPA 351.2	0.065	0.1			
2021/22-3	Lab	LCS, rec	4/7/2022	Nutrient	TKN	n/a	=	100	%	EPA 351.2	-88	-88			
2021/22-3	Lab	LCS	4/27/2022	Organic	1,2,4-Trichlorobenzene	n/a	=	14.6	µg/L	EPA 625.1	0.49	1			
2021/22-3	Lab	LCS, rec	4/27/2022	Organic	1,2,4-Trichlorobenzene	n/a	=	73	%	EPA 625.1	-88	-88	57	130	
2021/22-3	Lab	method blank	4/28/2022	Organic	1,2,4-Trichlorobenzene	n/a	<	0.49	µg/L	EPA 625.1	0.49	1			
2021/22-3	MO-HUE	matrix spike	4/27/2022	Organic	1,2,4-Trichlorobenzene	n/a	=	15.3	µg/L	EPA 625.1	0.98	2			
2021/22-3	MO-HUE	matrix spike, rec	4/27/2022	Organic	1,2,4-Trichlorobenzene	n/a	=	75	%	EPA 625.1	-88	-88	44	142	
2021/22-3	MO-HUE	matrix spike dup	4/27/2022	Organic	1,2,4-Trichlorobenzene	n/a	=	16.8	µg/L	EPA 625.1	0.98	2			
2021/22-3	MO-HUE	matrix spike dup, rec	4/27/2022	Organic	1,2,4-Trichlorobenzene	n/a	=	82	%	EPA 625.1	-88	-88	44	142	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2021/22-3	MO-HUE	matrix spike, RPD	4/27/2022	Organic	1,2,4-Trichlorobenzene	n/a	=	9	%	EPA 625.1	-88	-88	0	30	
2021/22-3	Lab	LCS	4/27/2022	Organic	1,2-Dichlorobenzene	n/a	=	13.2	µg/L	EPA 625.1	0.46	1			
2021/22-3	Lab	LCS, rec	4/27/2022	Organic	1,2-Dichlorobenzene	n/a	=	66	%	EPA 625.1	-88	-88	57	120	
2021/22-3	Lab	method blank	4/28/2022	Organic	1,2-Dichlorobenzene	n/a	<	0.46	µg/L	EPA 625.1	0.46	1			
2021/22-3	MO-HUE	matrix spike	4/27/2022	Organic	1,2-Dichlorobenzene	n/a	=	14	µg/L	EPA 625.1	0.92	2			
2021/22-3	MO-HUE	matrix spike, rec	4/27/2022	Organic	1,2-Dichlorobenzene	n/a	=	69	%	EPA 625.1	-88	-88	51	120	
2021/22-3	MO-HUE	matrix spike dup	4/27/2022	Organic	1,2-Dichlorobenzene	n/a	=	15.9	µg/L	EPA 625.1	0.92	2			
2021/22-3	MO-HUE	matrix spike dup, rec	4/27/2022	Organic	1,2-Dichlorobenzene	n/a	=	78	%	EPA 625.1	-88	-88	51	120	
2021/22-3	MO-HUE	matrix spike, RPD	4/27/2022	Organic	1,2-Dichlorobenzene	n/a	=	12	%	EPA 625.1	-88	-88	0	30	
2021/22-3	Lab	method blank	4/28/2022	Organic	1,2-Diphenylhydrazine	n/a	<	0.3	µg/L	EPA 625.1	0.3	1			
2021/22-3	Lab	LCS	4/27/2022	Organic	1,3-Dichlorobenzene	n/a	=	13	µg/L	EPA 625.1	0.42	1			
2021/22-3	Lab	LCS, rec	4/27/2022	Organic	1,3-Dichlorobenzene	n/a	=	65	%	EPA 625.1	-88	-88	55	120	
2021/22-3	Lab	method blank	4/28/2022	Organic	1,3-Dichlorobenzene	n/a	<	0.42	µg/L	EPA 625.1	0.42	1			
2021/22-3	MO-HUE	matrix spike	4/27/2022	Organic	1,3-Dichlorobenzene	n/a	=	13.6	µg/L	EPA 625.1	0.84	2			
2021/22-3	MO-HUE	matrix spike, rec	4/27/2022	Organic	1,3-Dichlorobenzene	n/a	=	67	%	EPA 625.1	-88	-88	37	120	
2021/22-3	MO-HUE	matrix spike dup	4/27/2022	Organic	1,3-Dichlorobenzene	n/a	=	15.5	µg/L	EPA 625.1	0.84	2			
2021/22-3	MO-HUE	matrix spike dup, rec	4/27/2022	Organic	1,3-Dichlorobenzene	n/a	=	76	%	EPA 625.1	-88	-88	37	120	
2021/22-3	MO-HUE	matrix spike, RPD	4/27/2022	Organic	1,3-Dichlorobenzene	n/a	=	13	%	EPA 625.1	-88	-88	0	30	
2021/22-3	Lab	srgt method blank	3/31/2022	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	5.24	µg/L	EPA 525.2	-88	-88			
2021/22-3	Lab	srgt method blank, rec	3/31/2022	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	105	%	EPA 525.2	-88	-88	70	130	
2021/22-3	Lab	srgt LCS	3/31/2022	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	4.96	µg/L	EPA 525.2	-88	-88			
2021/22-3	Lab	srgt LCS, rec	3/31/2022	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	99	%	EPA 525.2	-88	-88	70	130	
2021/22-3	Lab	srgt LCS dup	3/31/2022	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	5.2	µg/L	EPA 525.2	-88	-88			
2021/22-3	Lab	srgt LCS dup, rec	3/31/2022	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	104	%	EPA 525.2	-88	-88	70	130	
2021/22-3	Lab	srgt LCS	4/1/2022	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.346	µg/L	EPA 625.1m	-88	-88			
2021/22-3	Lab	srgt LCS, rec	4/1/2022	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	69	%	EPA 625.1m	-88	-88	23	148	
2021/22-3	Lab	srgt method blank	4/1/2022	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.339	µg/L	EPA 625.1m	-88	-88			
2021/22-3	Lab	srgt method blank, rec	4/1/2022	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	68	%	EPA 625.1m	-88	-88	23	148	
2021/22-3	Lab	srgt LCS	4/7/2022	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.461	µg/L	EPA 625.1m	-88	-88			
2021/22-3	Lab	srgt LCS, rec	4/7/2022	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	92	%	EPA 625.1m	-88	-88	23	148	
2021/22-3	Lab	srgt method blank	4/8/2022	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.468	µg/L	EPA 625.1m	-88	-88			
2021/22-3	Lab	srgt method blank, rec	4/8/2022	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	94	%	EPA 625.1m	-88	-88	23	148	
2021/22-3	Lab	srgt method blank	4/14/2022	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	5.13	µg/L	EPA 525.2	-88	-88			
2021/22-3	Lab	srgt method blank, rec	4/14/2022	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	103	%	EPA 525.2	-88	-88	70	130	
2021/22-3	Lab	srgt LCS	4/14/2022	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	5.22	µg/L	EPA 525.2	-88	-88			
2021/22-3	Lab	srgt LCS, rec	4/14/2022	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	104	%	EPA 525.2	-88	-88	70	130	
2021/22-3	Lab	srgt LCS dup	4/14/2022	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	5.25	µg/L	EPA 525.2	-88	-88			
2021/22-3	Lab	srgt LCS dup, rec	4/14/2022	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	105	%	EPA 525.2	-88	-88	70	130	
2021/22-3	ME-CC	srgt matrix spike	4/1/2022	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.958	µg/L	EPA 625.1m	-88	-88			
2021/22-3	ME-CC	srgt matrix spike, rec	4/1/2022	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	96	%	EPA 625.1m	-88	-88	23	148	
2021/22-3	ME-CC	srgt matrix spike dup	4/1/2022	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.84	µg/L	EPA 625.1m	-88	-88			
2021/22-3	ME-CC	srgt matrix spike dup, rec	4/1/2022	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	84	%	EPA 625.1m	-88	-88	23	148	
2021/22-3	ME-CC	srgt environ	4/1/2022	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.918	µg/L	EPA 625.1m	-88	-88			
2021/22-3	ME-CC	srgt environ, rec	4/1/2022	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	92	%	EPA 625.1m	-88	-88	23	148	
2021/22-3	ME-CC	srgt environ	4/15/2022	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	10.7	µg/L	EPA 525.2	-88	-88			
2021/22-3	ME-CC	srgt environ, rec	4/15/2022	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	107	%	EPA 525.2	-88	-88	70	130	
2021/22-3	ME-SCR	srgt environ	4/1/2022	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.711	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	
2021/22-3	ME-SCR	srgt environ, rec	4/1/2022	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	71	%	EPA 625.1m	-88	-88	23	148	
2021/22-3	ME-SCR	srgt environ	4/15/2022	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	10.9	µg/L	EPA 525.2	-88	-88			
2021/22-3	ME-SCR	srgt environ, rec	4/15/2022	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	109	%	EPA 525.2	-88	-88	70	130	
2021/22-3	ME-VR2	srgt environ	4/1/2022	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.714	µg/L	EPA 625.1m	-88	-88			
2021/22-3	ME-VR2	srgt environ, rec	4/1/2022	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	71	%	EPA 625.1m	-88	-88	23	148	
2021/22-3	ME-VR2	srgt environ	4/15/2022	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	11.1	µg/L	EPA 525.2	-88	-88			
2021/22-3	ME-VR2	srgt environ, rec	4/15/2022	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	111	%	EPA 525.2	-88	-88	70	130	
2021/22-3	MO-CAM	srgt environ	3/31/2022	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	26.9	µg/L	EPA 525.2	-88	-88			
2021/22-3	MO-CAM	srgt environ, rec	3/31/2022	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	107	%	EPA 525.2	-88	-88	70	130	
2021/22-3	MO-CAM	srgt environ	4/1/2022	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.629	µg/L	EPA 625.1m	-88	-88			
2021/22-3	MO-CAM	srgt environ, rec	4/1/2022	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	63	%	EPA 625.1m	-88	-88	23	148	
2021/22-3	MO-FIL	srgt environ	4/1/2022	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.502	µg/L	EPA 625.1m	-88	-88			
2021/22-3	MO-FIL	srgt environ, rec	4/1/2022	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	50	%	EPA 625.1m	-88	-88	23	148	
2021/22-3	MO-FIL	srgt environ	4/15/2022	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	11	µg/L	EPA 525.2	-88	-88			
2021/22-3	MO-FIL	srgt environ, rec	4/15/2022	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	110	%	EPA 525.2	-88	-88	70	130	
2021/22-3	MO-HUE	srgt environ	4/1/2022	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.605	µg/L	EPA 625.1m	-88	-88			
2021/22-3	MO-HUE	srgt environ, rec	4/1/2022	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	60	%	EPA 625.1m	-88	-88	23	148	
2021/22-3	MO-HUE	srgt environ	4/15/2022	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	11.3	µg/L	EPA 525.2	-88	-88			
2021/22-3	MO-HUE	srgt environ, rec	4/15/2022	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	113	%	EPA 525.2	-88	-88	70	130	
2021/22-3	MO-MEI	srgt environ	3/31/2022	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	26.8	µg/L	EPA 525.2	-88	-88			
2021/22-3	MO-MEI	srgt environ, rec	3/31/2022	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	107	%	EPA 525.2	-88	-88	70	130	
2021/22-3	MO-MEI	srgt environ	4/1/2022	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.616	µg/L	EPA 625.1m	-88	-88			
2021/22-3	MO-MEI	srgt environ, rec	4/1/2022	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	62	%	EPA 625.1m	-88	-88	23	148	
2021/22-3	MO-MPK	srgt environ	4/1/2022	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	26.8	µg/L	EPA 525.2	-88	-88			
2021/22-3	MO-MPK	srgt environ, rec	4/1/2022	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	107	%	EPA 525.2	-88	-88	70	130	
2021/22-3	MO-MPK	srgt environ	4/1/2022	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.751	µg/L	EPA 625.1m	-88	-88			
2021/22-3	MO-MPK	srgt environ, rec	4/1/2022	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	75	%	EPA 625.1m	-88	-88	23	148	
2021/22-3	MO-OJA	srgt environ	3/31/2022	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	28.2	µg/L	EPA 525.2	-88	-88			
2021/22-3	MO-OJA	srgt environ, rec	3/31/2022	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	113	%	EPA 525.2	-88	-88	70	130	
2021/22-3	MO-OJA	srgt environ	4/1/2022	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.65	µg/L	EPA 625.1m	-88	-88			
2021/22-3	MO-OJA	srgt environ, rec	4/1/2022	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	65	%	EPA 625.1m	-88	-88	23	148	
2021/22-3	MO-OXN	srgt environ	4/1/2022	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	27.6	µg/L	EPA 525.2	-88	-88			
2021/22-3	MO-OXN	srgt environ, rec	4/1/2022	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	110	%	EPA 525.2	-88	-88	70	130	
2021/22-3	MO-OXN	srgt environ	4/1/2022	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.52	µg/L	EPA 625.1m	-88	-88			
2021/22-3	MO-OXN	srgt environ, rec	4/1/2022	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	52	%	EPA 625.1m	-88	-88	23	148	
2021/22-3	MO-SIM	srgt environ	4/1/2022	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	26.6	µg/L	EPA 525.2	-88	-88			
2021/22-3	MO-SIM	srgt environ, rec	4/1/2022	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	106	%	EPA 525.2	-88	-88	70	130	
2021/22-3	MO-SIM	srgt environ	4/1/2022	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.564	µg/L	EPA 625.1m	-88	-88			
2021/22-3	MO-SIM	srgt environ, rec	4/1/2022	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	56	%	EPA 625.1m	-88	-88	23	148	
2021/22-3	MO-SPA	srgt environ	4/1/2022	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	28.2	µg/L	EPA 525.2	-88	-88			
2021/22-3	MO-SPA	srgt environ, rec	4/1/2022	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	113	%	EPA 525.2	-88	-88	70	130	
2021/22-3	MO-SPA	srgt matrix spike	4/7/2022	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.711	µg/L	EPA 625.1m	-88	-88			
2021/22-3	MO-SPA	srgt matrix spike, rec	4/7/2022	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	71	%	EPA 625.1m	-88	-88	23	148	
2021/22-3	MO-SPA	srgt matrix spike dup	4/7/2022	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.61	µg/L	EPA 625.1m	-88	-88			
2021/22-3	MO-SPA	srgt matrix spike dup, rec	4/7/2022	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	61	%	EPA 625.1m	-88	-88	23	148	
2021/22-3	MO-SPA	srgt environ	4/8/2022	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.638	µg/L	EPA 625.1m	-88	-88			
2021/22-3	MO-SPA	srgt environ, rec	4/8/2022	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	64	%	EPA 625.1m	-88	-88	23	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	
2021/22-3	MO-THO	srgt environ	4/1/2022	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.657	µg/L	EPA 625.1m	-88	-88			
2021/22-3	MO-THO	srgt environ, rec	4/1/2022	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	66	%	EPA 625.1m	-88	-88	23	148	
2021/22-3	MO-THO	srgt environ	4/15/2022	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	11.2	µg/L	EPA 525.2	-88	-88			
2021/22-3	MO-THO	srgt environ, rec	4/15/2022	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	112	%	EPA 525.2	-88	-88	70	130	
2021/22-3	MO-VEN	srgt environ	4/1/2022	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.596	µg/L	EPA 625.1m	-88	-88			
2021/22-3	MO-VEN	srgt environ, rec	4/1/2022	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	60	%	EPA 625.1m	-88	-88	23	148	
2021/22-3	MO-VEN	srgt environ	4/15/2022	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	11.3	µg/L	EPA 525.2	-88	-88			
2021/22-3	MO-VEN	srgt environ, rec	4/15/2022	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	113	%	EPA 525.2	-88	-88	70	130	
2021/22-3	Lab	LCS	4/27/2022	Organic	1,4-Dichlorobenzene	n/a	=	13.7	µg/L	EPA 625.1	0.48	1			
2021/22-3	Lab	LCS, rec	4/27/2022	Organic	1,4-Dichlorobenzene	n/a	=	69	%	EPA 625.1	-88	-88	55	120	
2021/22-3	Lab	method blank	4/28/2022	Organic	1,4-Dichlorobenzene	n/a	<	0.48	µg/L	EPA 625.1	0.48	1			
2021/22-3	MO-HUE	matrix spike	4/27/2022	Organic	1,4-Dichlorobenzene	n/a	=	14.6	µg/L	EPA 625.1	0.96	2			
2021/22-3	MO-HUE	matrix spike, rec	4/27/2022	Organic	1,4-Dichlorobenzene	n/a	=	71	%	EPA 625.1	-88	-88	39	120	
2021/22-3	MO-HUE	matrix spike dup	4/27/2022	Organic	1,4-Dichlorobenzene	n/a	=	16.4	µg/L	EPA 625.1	0.96	2			
2021/22-3	MO-HUE	matrix spike dup, rec	4/27/2022	Organic	1,4-Dichlorobenzene	n/a	=	80	%	EPA 625.1	-88	-88	39	120	
2021/22-3	MO-HUE	matrix spike, RPD	4/27/2022	Organic	1,4-Dichlorobenzene	n/a	=	12	%	EPA 625.1	-88	-88	0	30	
2021/22-3	Lab	method blank	4/20/2022	Organic	1-Methylnaphthalene	n/a	<	0.024	µg/L	EPA 8270C	0.024	0.1			
2021/22-3	Lab	method blank	4/29/2022	Organic	2,4,5-Trichlorophenol	n/a	<	0.29	µg/L	EPA 8270C	0.29	1			
2021/22-3	Lab	srgt LCS	4/27/2022	Organic	2,4,6-Tribromophenol	n/a	=	36.5	µg/L	EPA 625.1	-88	-88			
2021/22-3	Lab	srgt LCS, rec	4/27/2022	Organic	2,4,6-Tribromophenol	n/a	=	91	%	EPA 625.1	-88	-88	25	120	
2021/22-3	Lab	srgt method blank	4/28/2022	Organic	2,4,6-Tribromophenol	n/a	=	34.9	µg/L	EPA 625.1	-88	-88			
2021/22-3	Lab	srgt method blank, rec	4/28/2022	Organic	2,4,6-Tribromophenol	n/a	=	87	%	EPA 625.1	-88	-88	25	120	
2021/22-3	Lab	srgt method blank	4/29/2022	Organic	2,4,6-Tribromophenol	n/a	=	36	µg/L	EPA 8270C	-88	-88			
2021/22-3	Lab	srgt method blank, rec	4/29/2022	Organic	2,4,6-Tribromophenol	n/a	=	90	%	EPA 8270C	-88	-88	26	117	
2021/22-3	Lab	srgt LCS	4/29/2022	Organic	2,4,6-Tribromophenol	n/a	=	38.8	µg/L	EPA 8270C	-88	-88			
2021/22-3	Lab	srgt LCS, rec	4/29/2022	Organic	2,4,6-Tribromophenol	n/a	=	97	%	EPA 8270C	-88	-88	26	117	
2021/22-3	ME-CC	srgt environ	4/28/2022	Organic	2,4,6-Tribromophenol	n/a	=	21.2	µg/L	EPA 625.1	-88	-88			
2021/22-3	ME-CC	srgt environ, rec	4/28/2022	Organic	2,4,6-Tribromophenol	n/a	=	51	%	EPA 625.1	-88	-88	25	120	
2021/22-3	ME-CC	srgt environ	4/29/2022	Organic	2,4,6-Tribromophenol	n/a	=	20.8	µg/L	EPA 8270C	-88	-88			
2021/22-3	ME-CC	srgt environ, rec	4/29/2022	Organic	2,4,6-Tribromophenol	n/a	=	51	%	EPA 8270C	-88	-88	26	117	
2021/22-3	ME-SCR	srgt environ	4/28/2022	Organic	2,4,6-Tribromophenol	n/a	=	306	µg/L	EPA 625.1	-88	-88			
2021/22-3	ME-SCR	srgt environ, rec	4/28/2022	Organic	2,4,6-Tribromophenol	n/a	=	76	%	EPA 625.1	-88	-88	25	120	
2021/22-3	ME-SCR	srgt environ	4/29/2022	Organic	2,4,6-Tribromophenol	n/a	=	318	µg/L	EPA 8270C	-88	-88			
2021/22-3	ME-SCR	srgt environ, rec	4/29/2022	Organic	2,4,6-Tribromophenol	n/a	=	80	%	EPA 8270C	-88	-88	26	117	
2021/22-3	ME-VR2	srgt environ	4/28/2022	Organic	2,4,6-Tribromophenol	n/a	=	338	µg/L	EPA 625.1	-88	-88			
2021/22-3	ME-VR2	srgt environ, rec	4/28/2022	Organic	2,4,6-Tribromophenol	n/a	=	85	%	EPA 625.1	-88	-88	25	120	
2021/22-3	ME-VR2	srgt environ	4/29/2022	Organic	2,4,6-Tribromophenol	n/a	=	359	µg/L	EPA 8270C	-88	-88			
2021/22-3	ME-VR2	srgt environ, rec	4/29/2022	Organic	2,4,6-Tribromophenol	n/a	=	90	%	EPA 8270C	-88	-88	26	117	
2021/22-3	MO-CAM	srgt environ	4/28/2022	Organic	2,4,6-Tribromophenol	n/a	=	37.5	µg/L	EPA 625.1	-88	-88			
2021/22-3	MO-CAM	srgt environ, rec	4/28/2022	Organic	2,4,6-Tribromophenol	n/a	=	92	%	EPA 625.1	-88	-88	25	120	
2021/22-3	MO-CAM	srgt environ	4/29/2022	Organic	2,4,6-Tribromophenol	n/a	=	34.3	µg/L	EPA 8270C	-88	-88			
2021/22-3	MO-CAM	srgt environ, rec	4/29/2022	Organic	2,4,6-Tribromophenol	n/a	=	84	%	EPA 8270C	-88	-88	26	117	
2021/22-3	MO-FIL	srgt environ	4/28/2022	Organic	2,4,6-Tribromophenol	n/a	=	37.2	µg/L	EPA 625.1	-88	-88			
2021/22-3	MO-FIL	srgt environ, rec	4/28/2022	Organic	2,4,6-Tribromophenol	n/a	=	92	%	EPA 625.1	-88	-88	25	120	
2021/22-3	MO-FIL	srgt environ	4/29/2022	Organic	2,4,6-Tribromophenol	n/a	=	37.1	µg/L	EPA 8270C	-88	-88			
2021/22-3	MO-FIL	srgt environ, rec	4/29/2022	Organic	2,4,6-Tribromophenol	n/a	=	92	%	EPA 8270C	-88	-88	26	117	
2021/22-3	MO-HUE	srgt matrix spike	4/27/2022	Organic	2,4,6-Tribromophenol	n/a	=	34.6	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	
2021/22-3	MO-HUE	srgt matrix spike, rec	4/27/2022	Organic	2,4,6-Tribromophenol	n/a	=	84	%	EPA 625.1	-88	-88	25	120	
2021/22-3	MO-HUE	srgt matrix spike dup	4/27/2022	Organic	2,4,6-Tribromophenol	n/a	=	39.2	µg/L	EPA 625.1	-88	-88			
2021/22-3	MO-HUE	srgt matrix spike dup, rec	4/27/2022	Organic	2,4,6-Tribromophenol	n/a	=	96	%	EPA 625.1	-88	-88	25	120	
2021/22-3	MO-HUE	srgt environ	4/28/2022	Organic	2,4,6-Tribromophenol	n/a	=	36.5	µg/L	EPA 625.1	-88	-88			
2021/22-3	MO-HUE	srgt environ, rec	4/28/2022	Organic	2,4,6-Tribromophenol	n/a	=	89	%	EPA 625.1	-88	-88	25	120	
2021/22-3	MO-HUE	srgt matrix spike	4/29/2022	Organic	2,4,6-Tribromophenol	n/a	=	35.4	µg/L	EPA 8270C	-88	-88			
2021/22-3	MO-HUE	srgt matrix spike, rec	4/29/2022	Organic	2,4,6-Tribromophenol	n/a	=	87	%	EPA 8270C	-88	-88	26	117	
2021/22-3	MO-HUE	srgt matrix spike dup	4/29/2022	Organic	2,4,6-Tribromophenol	n/a	=	38.1	µg/L	EPA 8270C	-88	-88			
2021/22-3	MO-HUE	srgt matrix spike dup, rec	4/29/2022	Organic	2,4,6-Tribromophenol	n/a	=	93	%	EPA 8270C	-88	-88	26	117	
2021/22-3	MO-HUE	srgt environ	4/29/2022	Organic	2,4,6-Tribromophenol	n/a	=	34.1	µg/L	EPA 8270C	-88	-88			
2021/22-3	MO-HUE	srgt environ, rec	4/29/2022	Organic	2,4,6-Tribromophenol	n/a	=	83	%	EPA 8270C	-88	-88	26	117	
2021/22-3	MO-MEI	srgt environ	4/28/2022	Organic	2,4,6-Tribromophenol	n/a	=	34.1	µg/L	EPA 625.1	-88	-88			
2021/22-3	MO-MEI	srgt environ, rec	4/28/2022	Organic	2,4,6-Tribromophenol	n/a	=	83	%	EPA 625.1	-88	-88	25	120	
2021/22-3	MO-MEI	srgt environ	4/29/2022	Organic	2,4,6-Tribromophenol	n/a	=	34.6	µg/L	EPA 8270C	-88	-88			
2021/22-3	MO-MEI	srgt environ, rec	4/29/2022	Organic	2,4,6-Tribromophenol	n/a	=	84	%	EPA 8270C	-88	-88	26	117	
2021/22-3	MO-MPK	srgt environ	4/28/2022	Organic	2,4,6-Tribromophenol	n/a	=	28.7	µg/L	EPA 625.1	-88	-88			
2021/22-3	MO-MPK	srgt environ, rec	4/28/2022	Organic	2,4,6-Tribromophenol	n/a	=	71	%	EPA 625.1	-88	-88	25	120	
2021/22-3	MO-MPK	srgt environ	4/29/2022	Organic	2,4,6-Tribromophenol	n/a	=	26.4	µg/L	EPA 8270C	-88	-88			
2021/22-3	MO-MPK	srgt environ, rec	4/29/2022	Organic	2,4,6-Tribromophenol	n/a	=	65	%	EPA 8270C	-88	-88	26	117	
2021/22-3	MO-OJA	srgt environ	4/28/2022	Organic	2,4,6-Tribromophenol	n/a	=	35.2	µg/L	EPA 625.1	-88	-88			
2021/22-3	MO-OJA	srgt environ, rec	4/28/2022	Organic	2,4,6-Tribromophenol	n/a	=	86	%	EPA 625.1	-88	-88	25	120	
2021/22-3	MO-OJA	srgt environ	4/29/2022	Organic	2,4,6-Tribromophenol	n/a	=	33.6	µg/L	EPA 8270C	-88	-88			
2021/22-3	MO-OJA	srgt environ, rec	4/29/2022	Organic	2,4,6-Tribromophenol	n/a	=	82	%	EPA 8270C	-88	-88	26	117	
2021/22-3	MO-OXN	srgt environ	4/28/2022	Organic	2,4,6-Tribromophenol	n/a	=	31.4	µg/L	EPA 625.1	-88	-88			
2021/22-3	MO-OXN	srgt environ, rec	4/28/2022	Organic	2,4,6-Tribromophenol	n/a	=	76	%	EPA 625.1	-88	-88	25	120	
2021/22-3	MO-OXN	srgt environ	4/29/2022	Organic	2,4,6-Tribromophenol	n/a	=	29.3	µg/L	EPA 8270C	-88	-88			
2021/22-3	MO-OXN	srgt environ, rec	4/29/2022	Organic	2,4,6-Tribromophenol	n/a	=	71	%	EPA 8270C	-88	-88	26	117	
2021/22-3	MO-SIM	srgt environ	4/28/2022	Organic	2,4,6-Tribromophenol	n/a	=	32.1	µg/L	EPA 625.1	-88	-88			
2021/22-3	MO-SIM	srgt environ, rec	4/28/2022	Organic	2,4,6-Tribromophenol	n/a	=	80	%	EPA 625.1	-88	-88	25	120	
2021/22-3	MO-SIM	srgt environ	4/29/2022	Organic	2,4,6-Tribromophenol	n/a	=	30.4	µg/L	EPA 8270C	-88	-88			
2021/22-3	MO-SIM	srgt environ, rec	4/29/2022	Organic	2,4,6-Tribromophenol	n/a	=	75	%	EPA 8270C	-88	-88	26	117	
2021/22-3	MO-SPA	srgt environ	4/28/2022	Organic	2,4,6-Tribromophenol	n/a	=	39.2	µg/L	EPA 625.1	-88	-88			
2021/22-3	MO-SPA	srgt environ, rec	4/28/2022	Organic	2,4,6-Tribromophenol	n/a	=	95	%	EPA 625.1	-88	-88	25	120	
2021/22-3	MO-SPA	srgt environ	4/29/2022	Organic	2,4,6-Tribromophenol	n/a	=	34.9	µg/L	EPA 8270C	-88	-88			
2021/22-3	MO-SPA	srgt environ, rec	4/29/2022	Organic	2,4,6-Tribromophenol	n/a	=	85	%	EPA 8270C	-88	-88	26	117	
2021/22-3	MO-THO	srgt environ	4/28/2022	Organic	2,4,6-Tribromophenol	n/a	=	35.2	µg/L	EPA 625.1	-88	-88			
2021/22-3	MO-THO	srgt environ, rec	4/28/2022	Organic	2,4,6-Tribromophenol	n/a	=	87	%	EPA 625.1	-88	-88	25	120	
2021/22-3	MO-THO	srgt environ	4/29/2022	Organic	2,4,6-Tribromophenol	n/a	=	33.1	µg/L	EPA 8270C	-88	-88			
2021/22-3	MO-THO	srgt environ, rec	4/29/2022	Organic	2,4,6-Tribromophenol	n/a	=	82	%	EPA 8270C	-88	-88	26	117	
2021/22-3	MO-VEN	srgt environ	4/28/2022	Organic	2,4,6-Tribromophenol	n/a	=	36.9	µg/L	EPA 625.1	-88	-88			
2021/22-3	MO-VEN	srgt environ, rec	4/28/2022	Organic	2,4,6-Tribromophenol	n/a	=	90	%	EPA 625.1	-88	-88	25	120	
2021/22-3	MO-VEN	srgt environ	4/29/2022	Organic	2,4,6-Tribromophenol	n/a	=	33.7	µg/L	EPA 8270C	-88	-88			
2021/22-3	MO-VEN	srgt environ, rec	4/29/2022	Organic	2,4,6-Tribromophenol	n/a	=	82	%	EPA 8270C	-88	-88	26	117	
2021/22-3	Lab	LCS	4/27/2022	Organic	2,4,6-Trichlorophenol	n/a	=	17.2	µg/L	EPA 625.1	0.22	1			
2021/22-3	Lab	LCS, rec	4/27/2022	Organic	2,4,6-Trichlorophenol	n/a	=	86	%	EPA 625.1	-88	-88	52	129	
2021/22-3	Lab	method blank	4/28/2022	Organic	2,4,6-Trichlorophenol	n/a	<	0.22	µg/L	EPA 625.1	0.22	1			
2021/22-3	Lab	method blank	4/29/2022	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	
2021/22-3	Lab	LCS	4/29/2022	Organic	2,4,6-Trichlorophenol	n/a	=	17	µg/L	EPA 8270C	0.3	1			
2021/22-3	Lab	LCS, rec	4/29/2022	Organic	2,4,6-Trichlorophenol	n/a	=	85	%	EPA 8270C	-88	-88	30	115	
2021/22-3	MO-HUE	matrix spike	4/27/2022	Organic	2,4,6-Trichlorophenol	n/a	=	17.1	µg/L	EPA 625.1	0.44	2			
2021/22-3	MO-HUE	matrix spike, rec	4/27/2022	Organic	2,4,6-Trichlorophenol	n/a	=	83	%	EPA 625.1	-88	-88	37	144	
2021/22-3	MO-HUE	matrix spike dup	4/27/2022	Organic	2,4,6-Trichlorophenol	n/a	=	19.8	µg/L	EPA 625.1	0.44	2			
2021/22-3	MO-HUE	matrix spike dup, rec	4/27/2022	Organic	2,4,6-Trichlorophenol	n/a	=	97	%	EPA 625.1	-88	-88	37	144	
2021/22-3	MO-HUE	matrix spike, RPD	4/27/2022	Organic	2,4,6-Trichlorophenol	n/a	=	15	%	EPA 625.1	-88	-88	0	30	
2021/22-3	Lab	LCS	4/27/2022	Organic	2,4-Dichlorophenol	n/a	=	16.3	µg/L	EPA 625.1	0.26	1			
2021/22-3	Lab	LCS, rec	4/27/2022	Organic	2,4-Dichlorophenol	n/a	=	82	%	EPA 625.1	-88	-88	53	122	
2021/22-3	Lab	method blank	4/28/2022	Organic	2,4-Dichlorophenol	n/a	<	0.26	µg/L	EPA 625.1	0.26	1			
2021/22-3	Lab	method blank	4/29/2022	Organic	2,4-Dichlorophenol	n/a	<	0.51	µg/L	EPA 8270C	0.51	1			
2021/22-3	Lab	LCS	4/29/2022	Organic	2,4-Dichlorophenol	n/a	=	15.9	µg/L	EPA 8270C	0.51	1			
2021/22-3	Lab	LCS, rec	4/29/2022	Organic	2,4-Dichlorophenol	n/a	=	80	%	EPA 8270C	-88	-88	32	105	
2021/22-3	MO-HUE	matrix spike	4/27/2022	Organic	2,4-Dichlorophenol	n/a	=	16.6	µg/L	EPA 625.1	0.52	2			
2021/22-3	MO-HUE	matrix spike, rec	4/27/2022	Organic	2,4-Dichlorophenol	n/a	=	81	%	EPA 625.1	-88	-88	39	135	
2021/22-3	MO-HUE	matrix spike dup	4/27/2022	Organic	2,4-Dichlorophenol	n/a	=	18.2	µg/L	EPA 625.1	0.52	2			
2021/22-3	MO-HUE	matrix spike dup, rec	4/27/2022	Organic	2,4-Dichlorophenol	n/a	=	89	%	EPA 625.1	-88	-88	39	135	
2021/22-3	MO-HUE	matrix spike, RPD	4/27/2022	Organic	2,4-Dichlorophenol	n/a	=	9	%	EPA 625.1	-88	-88	0	30	
2021/22-3	000NONPJ	srgt matrix spike	3/31/2022	Organic	2,4-Dichlorophenylacetic acid	n/a	=	9.02	µg/L	EPA 515.4	-88	-88			
2021/22-3	000NONPJ	srgt matrix spike, rec	3/31/2022	Organic	2,4-Dichlorophenylacetic acid	n/a	=	90	%	EPA 515.4	-88	-88	70	130	
2021/22-3	000NONPJ	srgt matrix spike dup	3/31/2022	Organic	2,4-Dichlorophenylacetic acid	n/a	=	9.42	µg/L	EPA 515.4	-88	-88			
2021/22-3	000NONPJ	srgt matrix spike dup, rec	3/31/2022	Organic	2,4-Dichlorophenylacetic acid	n/a	=	94	%	EPA 515.4	-88	-88	70	130	
2021/22-3	Lab	srgt method blank	3/31/2022	Organic	2,4-Dichlorophenylacetic acid	n/a	=	9.9	µg/L	EPA 515.4	-88	-88			
2021/22-3	Lab	srgt method blank, rec	3/31/2022	Organic	2,4-Dichlorophenylacetic acid	n/a	=	99	%	EPA 515.4	-88	-88	70	130	
2021/22-3	Lab	srgt LCS	3/31/2022	Organic	2,4-Dichlorophenylacetic acid	n/a	=	9.55	µg/L	EPA 515.4	-88	-88			
2021/22-3	Lab	srgt LCS, rec	3/31/2022	Organic	2,4-Dichlorophenylacetic acid	n/a	=	95	%	EPA 515.4	-88	-88	70	130	
2021/22-3	ME-CC	srgt environ	4/1/2022	Organic	2,4-Dichlorophenylacetic acid	n/a	=	9.06	µg/L	EPA 515.4	-88	-88			
2021/22-3	ME-CC	srgt environ, rec	4/1/2022	Organic	2,4-Dichlorophenylacetic acid	n/a	=	91	%	EPA 515.4	-88	-88	70	130	
2021/22-3	ME-SCR	srgt environ	4/1/2022	Organic	2,4-Dichlorophenylacetic acid	n/a	=	9.22	µg/L	EPA 515.4	-88	-88			
2021/22-3	ME-SCR	srgt environ, rec	4/1/2022	Organic	2,4-Dichlorophenylacetic acid	n/a	=	92	%	EPA 515.4	-88	-88	70	130	
2021/22-3	ME-VR2	srgt environ	4/1/2022	Organic	2,4-Dichlorophenylacetic acid	n/a	=	9.09	µg/L	EPA 515.4	-88	-88			
2021/22-3	ME-VR2	srgt environ, rec	4/1/2022	Organic	2,4-Dichlorophenylacetic acid	n/a	=	91	%	EPA 515.4	-88	-88	70	130	
2021/22-3	MO-CAM	srgt environ	4/1/2022	Organic	2,4-Dichlorophenylacetic acid	n/a	=	9.49	µg/L	EPA 515.4	-88	-88			
2021/22-3	MO-CAM	srgt environ, rec	4/1/2022	Organic	2,4-Dichlorophenylacetic acid	n/a	=	95	%	EPA 515.4	-88	-88	70	130	
2021/22-3	MO-FIL	srgt environ	4/1/2022	Organic	2,4-Dichlorophenylacetic acid	n/a	=	9.73	µg/L	EPA 515.4	-88	-88			
2021/22-3	MO-FIL	srgt environ, rec	4/1/2022	Organic	2,4-Dichlorophenylacetic acid	n/a	=	97	%	EPA 515.4	-88	-88	70	130	
2021/22-3	MO-HUE	srgt environ	4/1/2022	Organic	2,4-Dichlorophenylacetic acid	n/a	=	9.16	µg/L	EPA 515.4	-88	-88			
2021/22-3	MO-HUE	srgt environ, rec	4/1/2022	Organic	2,4-Dichlorophenylacetic acid	n/a	=	92	%	EPA 515.4	-88	-88	70	130	
2021/22-3	MO-MEI	srgt environ	4/1/2022	Organic	2,4-Dichlorophenylacetic acid	n/a	=	9.15	µg/L	EPA 515.4	-88	-88			
2021/22-3	MO-MEI	srgt environ, rec	4/1/2022	Organic	2,4-Dichlorophenylacetic acid	n/a	=	92	%	EPA 515.4	-88	-88	70	130	
2021/22-3	MO-MPK	srgt environ	4/1/2022	Organic	2,4-Dichlorophenylacetic acid	n/a	=	12.9	µg/L	EPA 515.4	-88	-88			
2021/22-3	MO-MPK	srgt environ, rec	4/1/2022	Organic	2,4-Dichlorophenylacetic acid	n/a	=	129	%	EPA 515.4	-88	-88	70	130	
2021/22-3	MO-OJA	srgt environ	4/1/2022	Organic	2,4-Dichlorophenylacetic acid	n/a	=	9.63	µg/L	EPA 515.4	-88	-88			
2021/22-3	MO-OJA	srgt environ, rec	4/1/2022	Organic	2,4-Dichlorophenylacetic acid	n/a	=	96	%	EPA 515.4	-88	-88	70	130	
2021/22-3	MO-OXN	srgt environ	4/1/2022	Organic	2,4-Dichlorophenylacetic acid	n/a	=	9.19	µg/L	EPA 515.4	-88	-88			
2021/22-3	MO-OXN	srgt environ, rec	4/1/2022	Organic	2,4-Dichlorophenylacetic acid	n/a	=	92	%	EPA 515.4	-88	-88	70	130	
2021/22-3	MO-SIM	srgt environ	4/1/2022	Organic	2,4-Dichlorophenylacetic acid	n/a	=	9.81	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	
2021/22-3	MO-SIM	srgt environ, rec	4/1/2022	Organic	2,4-Dichlorophenylacetic acid	n/a	=	98	%	EPA 515.4	-88	-88	70	130	
2021/22-3	MO-SPA	srgt environ	4/1/2022	Organic	2,4-Dichlorophenylacetic acid	n/a	=	10.5	µg/L	EPA 515.4	-88	-88			
2021/22-3	MO-SPA	srgt environ, rec	4/1/2022	Organic	2,4-Dichlorophenylacetic acid	n/a	=	105	%	EPA 515.4	-88	-88	70	130	
2021/22-3	MO-THO	srgt environ	4/1/2022	Organic	2,4-Dichlorophenylacetic acid	n/a	=	9.59	µg/L	EPA 515.4	-88	-88			
2021/22-3	MO-THO	srgt environ, rec	4/1/2022	Organic	2,4-Dichlorophenylacetic acid	n/a	=	96	%	EPA 515.4	-88	-88	70	130	
2021/22-3	MO-VEN	srgt environ	4/1/2022	Organic	2,4-Dichlorophenylacetic acid	n/a	=	9.92	µg/L	EPA 515.4	-88	-88			
2021/22-3	MO-VEN	srgt environ, rec	4/1/2022	Organic	2,4-Dichlorophenylacetic acid	n/a	=	99	%	EPA 515.4	-88	-88	70	130	
2021/22-3	Lab	LCS	4/27/2022	Organic	2,4-Dimethylphenol	n/a	=	8.61	µg/L	EPA 625.1	0.76	1			
2021/22-3	Lab	LCS, rec	4/27/2022	Organic	2,4-Dimethylphenol	n/a	=	43	%	EPA 625.1	-88	-88	42	120	
2021/22-3	Lab	method blank	4/28/2022	Organic	2,4-Dimethylphenol	n/a	<	0.76	µg/L	EPA 625.1	0.76	1			
2021/22-3	Lab	method blank	4/29/2022	Organic	2,4-Dimethylphenol	n/a	<	1	µg/L	EPA 8270C	1	2			
2021/22-3	Lab	LCS	4/29/2022	Organic	2,4-Dimethylphenol	n/a	=	8.58	µg/L	EPA 8270C	1	2			
2021/22-3	Lab	LCS, rec	4/29/2022	Organic	2,4-Dimethylphenol	n/a	=	43	%	EPA 8270C	-88	-88	31	97	
2021/22-3	MO-HUE	matrix spike	4/27/2022	Organic	2,4-Dimethylphenol	n/a	=	10.7	µg/L	EPA 625.1	1.5	2			
2021/22-3	MO-HUE	matrix spike, rec	4/27/2022	Organic	2,4-Dimethylphenol	n/a	=	52	%	EPA 625.1	-88	-88	32	130	
2021/22-3	MO-HUE	matrix spike dup	4/27/2022	Organic	2,4-Dimethylphenol	n/a	=	12.1	µg/L	EPA 625.1	1.5	2			
2021/22-3	MO-HUE	matrix spike dup, rec	4/27/2022	Organic	2,4-Dimethylphenol	n/a	=	59	%	EPA 625.1	-88	-88	32	130	
2021/22-3	MO-HUE	matrix spike, RPD	4/27/2022	Organic	2,4-Dimethylphenol	n/a	=	12	%	EPA 625.1	-88	-88	0	30	
2021/22-3	Lab	LCS	4/27/2022	Organic	2,4-Dinitrophenol	n/a	=	28	µg/L	EPA 625.1	1.9	5			
2021/22-3	Lab	LCS, rec	4/27/2022	Organic	2,4-Dinitrophenol	n/a	=	140	%	EPA 625.1	-88	-88	0.1	173	
2021/22-3	Lab	method blank	4/28/2022	Organic	2,4-Dinitrophenol	n/a	<	1.9	µg/L	EPA 625.1	1.9	5			
2021/22-3	Lab	method blank	4/29/2022	Organic	2,4-Dinitrophenol	n/a	<	1	µg/L	EPA 8270C	1	2			
2021/22-3	Lab	LCS	4/29/2022	Organic	2,4-Dinitrophenol	n/a	=	26.5	µg/L	EPA 8270C	1	2			
2021/22-3	Lab	LCS, rec	4/29/2022	Organic	2,4-Dinitrophenol	n/a	=	133	%	EPA 8270C	-88	-88	7	155	
2021/22-3	MO-HUE	matrix spike	4/27/2022	Organic	2,4-Dinitrophenol	n/a	=	32.3	µg/L	EPA 625.1	3.7	10			
2021/22-3	MO-HUE	matrix spike, rec	4/27/2022	Organic	2,4-Dinitrophenol	n/a	=	158	%	EPA 625.1	-88	-88	0.1	191	
2021/22-3	MO-HUE	matrix spike dup	4/27/2022	Organic	2,4-Dinitrophenol	n/a	=	36.4	µg/L	EPA 625.1	3.7	10			
2021/22-3	MO-HUE	matrix spike dup, rec	4/27/2022	Organic	2,4-Dinitrophenol	n/a	=	178	%	EPA 625.1	-88	-88	0.1	191	
2021/22-3	MO-HUE	matrix spike, RPD	4/27/2022	Organic	2,4-Dinitrophenol	n/a	=	12	%	EPA 625.1	-88	-88	0	30	
2021/22-3	Lab	LCS	4/27/2022	Organic	2,4-Dinitrotoluene	n/a	=	16.6	µg/L	EPA 625.1	0.46	1			
2021/22-3	Lab	LCS, rec	4/27/2022	Organic	2,4-Dinitrotoluene	n/a	=	83	%	EPA 625.1	-88	-88	48	127	
2021/22-3	Lab	method blank	4/28/2022	Organic	2,4-Dinitrotoluene	n/a	<	0.46	µg/L	EPA 625.1	0.46	1			
2021/22-3	MO-HUE	matrix spike	4/27/2022	Organic	2,4-Dinitrotoluene	n/a	=	16.5	µg/L	EPA 625.1	0.92	2			
2021/22-3	MO-HUE	matrix spike, rec	4/27/2022	Organic	2,4-Dinitrotoluene	n/a	=	81	%	EPA 625.1	-88	-88	39	139	
2021/22-3	MO-HUE	matrix spike dup	4/27/2022	Organic	2,4-Dinitrotoluene	n/a	=	17.9	µg/L	EPA 625.1	0.92	2			
2021/22-3	MO-HUE	matrix spike dup, rec	4/27/2022	Organic	2,4-Dinitrotoluene	n/a	=	88	%	EPA 625.1	-88	-88	39	139	
2021/22-3	MO-HUE	matrix spike, RPD	4/27/2022	Organic	2,4-Dinitrotoluene	n/a	=	9	%	EPA 625.1	-88	-88	0	30	
2021/22-3	Lab	LCS	4/27/2022	Organic	2,6-Dinitrotoluene	n/a	=	16.2	µg/L	EPA 625.1	0.27	1			
2021/22-3	Lab	LCS, rec	4/27/2022	Organic	2,6-Dinitrotoluene	n/a	=	81	%	EPA 625.1	-88	-88	68	137	
2021/22-3	Lab	method blank	4/28/2022	Organic	2,6-Dinitrotoluene	n/a	<	0.27	µg/L	EPA 625.1	0.27	1			
2021/22-3	MO-HUE	matrix spike	4/27/2022	Organic	2,6-Dinitrotoluene	n/a	=	15.8	µg/L	EPA 625.1	0.54	2			
2021/22-3	MO-HUE	matrix spike, rec	4/27/2022	Organic	2,6-Dinitrotoluene	n/a	=	77	%	EPA 625.1	-88	-88	50	158	
2021/22-3	MO-HUE	matrix spike dup	4/27/2022	Organic	2,6-Dinitrotoluene	n/a	=	18.9	µg/L	EPA 625.1	0.54	2			
2021/22-3	MO-HUE	matrix spike dup, rec	4/27/2022	Organic	2,6-Dinitrotoluene	n/a	=	93	%	EPA 625.1	-88	-88	50	158	
2021/22-3	MO-HUE	matrix spike, RPD	4/27/2022	Organic	2,6-Dinitrotoluene	n/a	=	18	%	EPA 625.1	-88	-88	0	30	
2021/22-3	Lab	LCS	4/27/2022	Organic	2-Chloronaphthalene	n/a	=	15.1	µg/L	EPA 625.1	0.45	1			
2021/22-3	Lab	LCS, rec	4/27/2022	Organic	2-Chloronaphthalene	n/a	=	76	%	EPA 625.1	-88	-88	65	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	
2021/22-3	Lab	method blank	4/28/2022	Organic	2-Chloronaphthalene	n/a	<	0.45	µg/L	EPA 625.1	0.45	1			
2021/22-3	MO-HUE	matrix spike	4/27/2022	Organic	2-Chloronaphthalene	n/a	=	15.5	µg/L	EPA 625.1	0.9	2			
2021/22-3	MO-HUE	matrix spike, rec	4/27/2022	Organic	2-Chloronaphthalene	n/a	=	76	%	EPA 625.1	-88	-88	60	120	
2021/22-3	MO-HUE	matrix spike dup	4/27/2022	Organic	2-Chloronaphthalene	n/a	=	17.4	µg/L	EPA 625.1	0.9	2			
2021/22-3	MO-HUE	matrix spike dup, rec	4/27/2022	Organic	2-Chloronaphthalene	n/a	=	85	%	EPA 625.1	-88	-88	60	120	
2021/22-3	MO-HUE	matrix spike, RPD	4/27/2022	Organic	2-Chloronaphthalene	n/a	=	11	%	EPA 625.1	-88	-88	0	30	
2021/22-3	Lab	LCS	4/27/2022	Organic	2-Chlorophenol	n/a	=	14.1	µg/L	EPA 625.1	0.28	1			
2021/22-3	Lab	LCS, rec	4/27/2022	Organic	2-Chlorophenol	n/a	=	70	%	EPA 625.1	-88	-88	36	120	
2021/22-3	Lab	method blank	4/28/2022	Organic	2-Chlorophenol	n/a	<	0.28	µg/L	EPA 625.1	0.28	1			
2021/22-3	Lab	method blank	4/29/2022	Organic	2-Chlorophenol	n/a	<	0.65	µg/L	EPA 8270C	0.65	1			
2021/22-3	Lab	LCS	4/29/2022	Organic	2-Chlorophenol	n/a	=	14.9	µg/L	EPA 8270C	0.65	1			
2021/22-3	Lab	LCS, rec	4/29/2022	Organic	2-Chlorophenol	n/a	=	75	%	EPA 8270C	-88	-88	27	90	
2021/22-3	MO-HUE	matrix spike	4/27/2022	Organic	2-Chlorophenol	n/a	=	14.6	µg/L	EPA 625.1	0.56	2			
2021/22-3	MO-HUE	matrix spike, rec	4/27/2022	Organic	2-Chlorophenol	n/a	=	71	%	EPA 625.1	-88	-88	23	134	
2021/22-3	MO-HUE	matrix spike dup	4/27/2022	Organic	2-Chlorophenol	n/a	=	16.4	µg/L	EPA 625.1	0.56	2			
2021/22-3	MO-HUE	matrix spike dup, rec	4/27/2022	Organic	2-Chlorophenol	n/a	=	80	%	EPA 625.1	-88	-88	23	134	
2021/22-3	MO-HUE	matrix spike, RPD	4/27/2022	Organic	2-Chlorophenol	n/a	=	12	%	EPA 625.1	-88	-88	0	30	
2021/22-3	MO-HUE	matrix spike	4/29/2022	Organic	2-Chlorophenol	n/a	=	16	µg/L	EPA 8270C	1.3	2			
2021/22-3	MO-HUE	matrix spike, rec	4/29/2022	Organic	2-Chlorophenol	n/a	=	78	%	EPA 8270C	-88	-88	12	106	
2021/22-3	MO-HUE	matrix spike dup	4/29/2022	Organic	2-Chlorophenol	n/a	=	17.5	µg/L	EPA 8270C	1.3	2			
2021/22-3	MO-HUE	matrix spike dup, rec	4/29/2022	Organic	2-Chlorophenol	n/a	=	85	%	EPA 8270C	-88	-88	12	106	
2021/22-3	MO-HUE	matrix spike, RPD	4/29/2022	Organic	2-Chlorophenol	n/a	=	9	%	EPA 8270C	-88	-88	0	30	
2021/22-3	Lab	srgt method blank	4/20/2022	Organic	2-Fluorobiphenyl	n/a	=	18.1	µg/L	EPA 8270C	-88	-88			
2021/22-3	Lab	srgt method blank, rec	4/20/2022	Organic	2-Fluorobiphenyl	n/a	=	91	%	EPA 8270C	-88	-88	51	139	
2021/22-3	Lab	srgt LCS	4/20/2022	Organic	2-Fluorobiphenyl	n/a	=	17.1	µg/L	EPA 8270C	-88	-88			
2021/22-3	Lab	srgt LCS, rec	4/20/2022	Organic	2-Fluorobiphenyl	n/a	=	85	%	EPA 8270C	-88	-88	51	139	
2021/22-3	Lab	srgt LCS	4/27/2022	Organic	2-Fluorobiphenyl	n/a	=	16.3	µg/L	EPA 625.1	-88	-88			
2021/22-3	Lab	srgt LCS, rec	4/27/2022	Organic	2-Fluorobiphenyl	n/a	=	82	%	EPA 625.1	-88	-88	22	120	
2021/22-3	Lab	srgt method blank	4/28/2022	Organic	2-Fluorobiphenyl	n/a	=	16.5	µg/L	EPA 625.1	-88	-88			
2021/22-3	Lab	srgt method blank, rec	4/28/2022	Organic	2-Fluorobiphenyl	n/a	=	83	%	EPA 625.1	-88	-88	22	120	
2021/22-3	ME-CC	srgt environ	4/20/2022	Organic	2-Fluorobiphenyl	n/a	=	10.2	µg/L	EPA 8270C	-88	-88			GN
2021/22-3	ME-CC	srgt environ, rec	4/20/2022	Organic	2-Fluorobiphenyl	n/a	=	49	%	EPA 8270C	-88	-88	51	139	GN
2021/22-3	ME-CC	srgt environ	4/28/2022	Organic	2-Fluorobiphenyl	n/a	=	9.93	µg/L	EPA 625.1	-88	-88			
2021/22-3	ME-CC	srgt environ, rec	4/28/2022	Organic	2-Fluorobiphenyl	n/a	=	48	%	EPA 625.1	-88	-88	22	120	
2021/22-3	ME-SCR	srgt environ	4/20/2022	Organic	2-Fluorobiphenyl	n/a	=	143	µg/L	EPA 8270C	-88	-88			
2021/22-3	ME-SCR	srgt environ, rec	4/20/2022	Organic	2-Fluorobiphenyl	n/a	=	71	%	EPA 8270C	-88	-88	51	139	
2021/22-3	ME-SCR	srgt environ	4/28/2022	Organic	2-Fluorobiphenyl	n/a	=	133	µg/L	EPA 625.1	-88	-88			
2021/22-3	ME-SCR	srgt environ, rec	4/28/2022	Organic	2-Fluorobiphenyl	n/a	=	67	%	EPA 625.1	-88	-88	22	120	
2021/22-3	ME-VR2	srgt environ	4/20/2022	Organic	2-Fluorobiphenyl	n/a	=	163	µg/L	EPA 8270C	-88	-88			
2021/22-3	ME-VR2	srgt environ, rec	4/20/2022	Organic	2-Fluorobiphenyl	n/a	=	81	%	EPA 8270C	-88	-88	51	139	
2021/22-3	ME-VR2	srgt environ	4/28/2022	Organic	2-Fluorobiphenyl	n/a	=	151	µg/L	EPA 625.1	-88	-88			
2021/22-3	ME-VR2	srgt environ, rec	4/28/2022	Organic	2-Fluorobiphenyl	n/a	=	75	%	EPA 625.1	-88	-88	22	120	
2021/22-3	MO-CAM	srgt environ	4/20/2022	Organic	2-Fluorobiphenyl	n/a	=	17.4	µg/L	EPA 8270C	-88	-88			
2021/22-3	MO-CAM	srgt environ, rec	4/20/2022	Organic	2-Fluorobiphenyl	n/a	=	86	%	EPA 8270C	-88	-88	51	139	
2021/22-3	MO-CAM	srgt environ	4/28/2022	Organic	2-Fluorobiphenyl	n/a	=	17.3	µg/L	EPA 625.1	-88	-88			
2021/22-3	MO-CAM	srgt environ, rec	4/28/2022	Organic	2-Fluorobiphenyl	n/a	=	85	%	EPA 625.1	-88	-88	22	120	
2021/22-3	MO-FIL	srgt environ	4/20/2022	Organic	2-Fluorobiphenyl	n/a	=	17.7	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	
2021/22-3	MO-FIL	srgt environ, rec	4/20/2022	Organic	2-Fluorobiphenyl	n/a	=	88	%	EPA 8270C	-88	-88	51	139	
2021/22-3	MO-FIL	srgt environ	4/28/2022	Organic	2-Fluorobiphenyl	n/a	=	16.8	µg/L	EPA 625.1	-88	-88			
2021/22-3	MO-FIL	srgt environ, rec	4/28/2022	Organic	2-Fluorobiphenyl	n/a	=	83	%	EPA 625.1	-88	-88	22	120	
2021/22-3	MO-HUE	srgt matrix spike	4/20/2022	Organic	2-Fluorobiphenyl	n/a	=	17.3	µg/L	EPA 8270C	-88	-88			
2021/22-3	MO-HUE	srgt matrix spike, rec	4/20/2022	Organic	2-Fluorobiphenyl	n/a	=	84	%	EPA 8270C	-88	-88	51	139	
2021/22-3	MO-HUE	srgt matrix spike dup	4/20/2022	Organic	2-Fluorobiphenyl	n/a	=	18.2	µg/L	EPA 8270C	-88	-88			
2021/22-3	MO-HUE	srgt matrix spike dup, rec	4/20/2022	Organic	2-Fluorobiphenyl	n/a	=	89	%	EPA 8270C	-88	-88	51	139	
2021/22-3	MO-HUE	srgt environ	4/20/2022	Organic	2-Fluorobiphenyl	n/a	=	17.8	µg/L	EPA 8270C	-88	-88			
2021/22-3	MO-HUE	srgt environ, rec	4/20/2022	Organic	2-Fluorobiphenyl	n/a	=	87	%	EPA 8270C	-88	-88	51	139	
2021/22-3	MO-HUE	srgt matrix spike	4/27/2022	Organic	2-Fluorobiphenyl	n/a	=	16.6	µg/L	EPA 625.1	-88	-88			
2021/22-3	MO-HUE	srgt matrix spike, rec	4/27/2022	Organic	2-Fluorobiphenyl	n/a	=	81	%	EPA 625.1	-88	-88	22	120	
2021/22-3	MO-HUE	srgt matrix spike dup	4/27/2022	Organic	2-Fluorobiphenyl	n/a	=	18.6	µg/L	EPA 625.1	-88	-88			
2021/22-3	MO-HUE	srgt matrix spike dup, rec	4/27/2022	Organic	2-Fluorobiphenyl	n/a	=	91	%	EPA 625.1	-88	-88	22	120	
2021/22-3	MO-HUE	srgt environ	4/28/2022	Organic	2-Fluorobiphenyl	n/a	=	17.5	µg/L	EPA 625.1	-88	-88			
2021/22-3	MO-HUE	srgt environ, rec	4/28/2022	Organic	2-Fluorobiphenyl	n/a	=	86	%	EPA 625.1	-88	-88	22	120	
2021/22-3	MO-MEI	srgt environ	4/20/2022	Organic	2-Fluorobiphenyl	n/a	=	16	µg/L	EPA 8270C	-88	-88			
2021/22-3	MO-MEI	srgt environ, rec	4/20/2022	Organic	2-Fluorobiphenyl	n/a	=	78	%	EPA 8270C	-88	-88	51	139	
2021/22-3	MO-MEI	srgt environ	4/28/2022	Organic	2-Fluorobiphenyl	n/a	=	15.7	µg/L	EPA 625.1	-88	-88			
2021/22-3	MO-MEI	srgt environ, rec	4/28/2022	Organic	2-Fluorobiphenyl	n/a	=	77	%	EPA 625.1	-88	-88	22	120	
2021/22-3	MO-MPK	srgt environ	4/20/2022	Organic	2-Fluorobiphenyl	n/a	=	12.7	µg/L	EPA 8270C	-88	-88			
2021/22-3	MO-MPK	srgt environ, rec	4/20/2022	Organic	2-Fluorobiphenyl	n/a	=	63	%	EPA 8270C	-88	-88	51	139	
2021/22-3	MO-MPK	srgt environ	4/28/2022	Organic	2-Fluorobiphenyl	n/a	=	12.8	µg/L	EPA 625.1	-88	-88			
2021/22-3	MO-MPK	srgt environ, rec	4/28/2022	Organic	2-Fluorobiphenyl	n/a	=	63	%	EPA 625.1	-88	-88	22	120	
2021/22-3	MO-OJA	srgt environ	4/20/2022	Organic	2-Fluorobiphenyl	n/a	=	16.8	µg/L	EPA 8270C	-88	-88			
2021/22-3	MO-OJA	srgt environ, rec	4/20/2022	Organic	2-Fluorobiphenyl	n/a	=	82	%	EPA 8270C	-88	-88	51	139	
2021/22-3	MO-OJA	srgt environ	4/28/2022	Organic	2-Fluorobiphenyl	n/a	=	16.9	µg/L	EPA 625.1	-88	-88			
2021/22-3	MO-OJA	srgt environ, rec	4/28/2022	Organic	2-Fluorobiphenyl	n/a	=	83	%	EPA 625.1	-88	-88	22	120	
2021/22-3	MO-OXN	srgt environ	4/20/2022	Organic	2-Fluorobiphenyl	n/a	=	17.6	µg/L	EPA 8270C	-88	-88			
2021/22-3	MO-OXN	srgt environ, rec	4/20/2022	Organic	2-Fluorobiphenyl	n/a	=	86	%	EPA 8270C	-88	-88	51	139	
2021/22-3	MO-OXN	srgt environ	4/28/2022	Organic	2-Fluorobiphenyl	n/a	=	17.2	µg/L	EPA 625.1	-88	-88			
2021/22-3	MO-OXN	srgt environ, rec	4/28/2022	Organic	2-Fluorobiphenyl	n/a	=	84	%	EPA 625.1	-88	-88	22	120	
2021/22-3	MO-SIM	srgt environ	4/20/2022	Organic	2-Fluorobiphenyl	n/a	=	15.4	µg/L	EPA 8270C	-88	-88			
2021/22-3	MO-SIM	srgt environ, rec	4/20/2022	Organic	2-Fluorobiphenyl	n/a	=	76	%	EPA 8270C	-88	-88	51	139	
2021/22-3	MO-SIM	srgt environ	4/28/2022	Organic	2-Fluorobiphenyl	n/a	=	15.7	µg/L	EPA 625.1	-88	-88			
2021/22-3	MO-SIM	srgt environ, rec	4/28/2022	Organic	2-Fluorobiphenyl	n/a	=	78	%	EPA 625.1	-88	-88	22	120	
2021/22-3	MO-SPA	srgt environ	4/20/2022	Organic	2-Fluorobiphenyl	n/a	=	18.1	µg/L	EPA 8270C	-88	-88			
2021/22-3	MO-SPA	srgt environ, rec	4/20/2022	Organic	2-Fluorobiphenyl	n/a	=	88	%	EPA 8270C	-88	-88	51	139	
2021/22-3	MO-SPA	srgt environ	4/28/2022	Organic	2-Fluorobiphenyl	n/a	=	18.1	µg/L	EPA 625.1	-88	-88			
2021/22-3	MO-SPA	srgt environ, rec	4/28/2022	Organic	2-Fluorobiphenyl	n/a	=	88	%	EPA 625.1	-88	-88	22	120	
2021/22-3	MO-THO	srgt environ	4/20/2022	Organic	2-Fluorobiphenyl	n/a	=	16.2	µg/L	EPA 8270C	-88	-88			
2021/22-3	MO-THO	srgt environ, rec	4/20/2022	Organic	2-Fluorobiphenyl	n/a	=	80	%	EPA 8270C	-88	-88	51	139	
2021/22-3	MO-THO	srgt environ	4/28/2022	Organic	2-Fluorobiphenyl	n/a	=	16.1	µg/L	EPA 625.1	-88	-88			
2021/22-3	MO-THO	srgt environ, rec	4/28/2022	Organic	2-Fluorobiphenyl	n/a	=	79	%	EPA 625.1	-88	-88	22	120	
2021/22-3	MO-VEN	srgt environ	4/20/2022	Organic	2-Fluorobiphenyl	n/a	=	17.8	µg/L	EPA 8270C	-88	-88			
2021/22-3	MO-VEN	srgt environ, rec	4/20/2022	Organic	2-Fluorobiphenyl	n/a	=	87	%	EPA 8270C	-88	-88	51	139	
2021/22-3	MO-VEN	srgt environ	4/28/2022	Organic	2-Fluorobiphenyl	n/a	=	17.9	µg/L	EPA 625.1	-88	-88			
2021/22-3	MO-VEN	srgt environ, rec	4/28/2022	Organic	2-Fluorobiphenyl	n/a	=	88	%	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	
2021/22-3	Lab	srgt LCS	4/27/2022	Organic	2-Fluorophenol	n/a	=	19.6	µg/L	EPA 625.1	-88	-88			
2021/22-3	Lab	srgt LCS, rec	4/27/2022	Organic	2-Fluorophenol	n/a	=	49	%	EPA 625.1	-88	-88	17	120	
2021/22-3	Lab	srgt method blank	4/28/2022	Organic	2-Fluorophenol	n/a	=	22.3	µg/L	EPA 625.1	-88	-88			
2021/22-3	Lab	srgt method blank, rec	4/28/2022	Organic	2-Fluorophenol	n/a	=	56	%	EPA 625.1	-88	-88	17	120	
2021/22-3	Lab	srgt method blank	4/29/2022	Organic	2-Fluorophenol	n/a	=	23.2	µg/L	EPA 8270C	-88	-88			
2021/22-3	Lab	srgt method blank, rec	4/29/2022	Organic	2-Fluorophenol	n/a	=	58	%	EPA 8270C	-88	-88	11	62	
2021/22-3	Lab	srgt LCS	4/29/2022	Organic	2-Fluorophenol	n/a	=	20.7	µg/L	EPA 8270C	-88	-88			
2021/22-3	Lab	srgt LCS, rec	4/29/2022	Organic	2-Fluorophenol	n/a	=	52	%	EPA 8270C	-88	-88	11	62	
2021/22-3	ME-CC	srgt environ	4/28/2022	Organic	2-Fluorophenol	n/a	=	16.1	µg/L	EPA 625.1	-88	-88			
2021/22-3	ME-CC	srgt environ, rec	4/28/2022	Organic	2-Fluorophenol	n/a	=	39	%	EPA 625.1	-88	-88	17	120	
2021/22-3	ME-CC	srgt environ	4/29/2022	Organic	2-Fluorophenol	n/a	=	17.3	µg/L	EPA 8270C	-88	-88			
2021/22-3	ME-CC	srgt environ, rec	4/29/2022	Organic	2-Fluorophenol	n/a	=	42	%	EPA 8270C	-88	-88	11	62	
2021/22-3	ME-SCR	srgt environ	4/28/2022	Organic	2-Fluorophenol	n/a	=	204	µg/L	EPA 625.1	-88	-88			
2021/22-3	ME-SCR	srgt environ, rec	4/28/2022	Organic	2-Fluorophenol	n/a	=	51	%	EPA 625.1	-88	-88	17	120	
2021/22-3	ME-SCR	srgt environ	4/29/2022	Organic	2-Fluorophenol	n/a	=	201	µg/L	EPA 8270C	-88	-88			
2021/22-3	ME-SCR	srgt environ, rec	4/29/2022	Organic	2-Fluorophenol	n/a	=	50	%	EPA 8270C	-88	-88	11	62	
2021/22-3	ME-VR2	srgt environ	4/28/2022	Organic	2-Fluorophenol	n/a	=	199	µg/L	EPA 625.1	-88	-88			
2021/22-3	ME-VR2	srgt environ, rec	4/28/2022	Organic	2-Fluorophenol	n/a	=	50	%	EPA 625.1	-88	-88	17	120	
2021/22-3	ME-VR2	srgt environ	4/29/2022	Organic	2-Fluorophenol	n/a	=	204	µg/L	EPA 8270C	-88	-88			
2021/22-3	ME-VR2	srgt environ, rec	4/29/2022	Organic	2-Fluorophenol	n/a	=	51	%	EPA 8270C	-88	-88	11	62	
2021/22-3	MO-CAM	srgt environ	4/28/2022	Organic	2-Fluorophenol	n/a	=	19.4	µg/L	EPA 625.1	-88	-88			
2021/22-3	MO-CAM	srgt environ, rec	4/28/2022	Organic	2-Fluorophenol	n/a	=	47	%	EPA 625.1	-88	-88	17	120	
2021/22-3	MO-CAM	srgt environ	4/29/2022	Organic	2-Fluorophenol	n/a	=	18.7	µg/L	EPA 8270C	-88	-88			
2021/22-3	MO-CAM	srgt environ, rec	4/29/2022	Organic	2-Fluorophenol	n/a	=	46	%	EPA 8270C	-88	-88	11	62	
2021/22-3	MO-FIL	srgt environ	4/28/2022	Organic	2-Fluorophenol	n/a	=	21.3	µg/L	EPA 625.1	-88	-88			
2021/22-3	MO-FIL	srgt environ, rec	4/28/2022	Organic	2-Fluorophenol	n/a	=	53	%	EPA 625.1	-88	-88	17	120	
2021/22-3	MO-FIL	srgt environ	4/29/2022	Organic	2-Fluorophenol	n/a	=	21.4	µg/L	EPA 8270C	-88	-88			
2021/22-3	MO-FIL	srgt environ, rec	4/29/2022	Organic	2-Fluorophenol	n/a	=	53	%	EPA 8270C	-88	-88	11	62	
2021/22-3	MO-HUE	srgt matrix spike	4/27/2022	Organic	2-Fluorophenol	n/a	=	20.8	µg/L	EPA 625.1	-88	-88			
2021/22-3	MO-HUE	srgt matrix spike, rec	4/27/2022	Organic	2-Fluorophenol	n/a	=	51	%	EPA 625.1	-88	-88	17	120	
2021/22-3	MO-HUE	srgt matrix spike dup	4/27/2022	Organic	2-Fluorophenol	n/a	=	24.1	µg/L	EPA 625.1	-88	-88			
2021/22-3	MO-HUE	srgt matrix spike dup, rec	4/27/2022	Organic	2-Fluorophenol	n/a	=	59	%	EPA 625.1	-88	-88	17	120	
2021/22-3	MO-HUE	srgt environ	4/28/2022	Organic	2-Fluorophenol	n/a	=	21.9	µg/L	EPA 625.1	-88	-88			
2021/22-3	MO-HUE	srgt environ, rec	4/28/2022	Organic	2-Fluorophenol	n/a	=	53	%	EPA 625.1	-88	-88	17	120	
2021/22-3	MO-HUE	srgt matrix spike	4/29/2022	Organic	2-Fluorophenol	n/a	=	21.3	µg/L	EPA 8270C	-88	-88			
2021/22-3	MO-HUE	srgt matrix spike, rec	4/29/2022	Organic	2-Fluorophenol	n/a	=	52	%	EPA 8270C	-88	-88	11	62	
2021/22-3	MO-HUE	srgt matrix spike dup	4/29/2022	Organic	2-Fluorophenol	n/a	=	23.7	µg/L	EPA 8270C	-88	-88			
2021/22-3	MO-HUE	srgt matrix spike dup, rec	4/29/2022	Organic	2-Fluorophenol	n/a	=	58	%	EPA 8270C	-88	-88	11	62	
2021/22-3	MO-HUE	srgt environ	4/29/2022	Organic	2-Fluorophenol	n/a	=	21	µg/L	EPA 8270C	-88	-88			
2021/22-3	MO-HUE	srgt environ, rec	4/29/2022	Organic	2-Fluorophenol	n/a	=	51	%	EPA 8270C	-88	-88	11	62	
2021/22-3	MO-MEI	srgt environ	4/28/2022	Organic	2-Fluorophenol	n/a	=	19.2	µg/L	EPA 625.1	-88	-88			
2021/22-3	MO-MEI	srgt environ, rec	4/28/2022	Organic	2-Fluorophenol	n/a	=	47	%	EPA 625.1	-88	-88	17	120	
2021/22-3	MO-MEI	srgt environ	4/29/2022	Organic	2-Fluorophenol	n/a	=	19	µg/L	EPA 8270C	-88	-88			
2021/22-3	MO-MEI	srgt environ, rec	4/29/2022	Organic	2-Fluorophenol	n/a	=	46	%	EPA 8270C	-88	-88	11	62	
2021/22-3	MO-MPK	srgt environ	4/28/2022	Organic	2-Fluorophenol	n/a	=	19	µg/L	EPA 625.1	-88	-88			
2021/22-3	MO-MPK	srgt environ, rec	4/28/2022	Organic	2-Fluorophenol	n/a	=	47	%	EPA 625.1	-88	-88	17	120	
2021/22-3	MO-MPK	srgt environ	4/29/2022	Organic	2-Fluorophenol	n/a	=	18.2	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	
2021/22-3	MO-MPK	srgt environ, rec	4/29/2022	Organic	2-Fluorophenol	n/a	=	45	%	EPA 8270C	-88	-88	11	62	
2021/22-3	MO-OJA	srgt environ	4/28/2022	Organic	2-Fluorophenol	n/a	=	19.4	µg/L	EPA 625.1	-88	-88			
2021/22-3	MO-OJA	srgt environ, rec	4/28/2022	Organic	2-Fluorophenol	n/a	=	48	%	EPA 625.1	-88	-88	17	120	
2021/22-3	MO-OJA	srgt environ	4/29/2022	Organic	2-Fluorophenol	n/a	=	19	µg/L	EPA 8270C	-88	-88			
2021/22-3	MO-OJA	srgt environ, rec	4/29/2022	Organic	2-Fluorophenol	n/a	=	46	%	EPA 8270C	-88	-88	11	62	
2021/22-3	MO-OXN	srgt environ	4/28/2022	Organic	2-Fluorophenol	n/a	=	18	µg/L	EPA 625.1	-88	-88			
2021/22-3	MO-OXN	srgt environ, rec	4/28/2022	Organic	2-Fluorophenol	n/a	=	44	%	EPA 625.1	-88	-88	17	120	
2021/22-3	MO-OXN	srgt environ	4/29/2022	Organic	2-Fluorophenol	n/a	=	18.1	µg/L	EPA 8270C	-88	-88			
2021/22-3	MO-OXN	srgt environ, rec	4/29/2022	Organic	2-Fluorophenol	n/a	=	44	%	EPA 8270C	-88	-88	11	62	
2021/22-3	MO-SIM	srgt environ	4/28/2022	Organic	2-Fluorophenol	n/a	=	18.7	µg/L	EPA 625.1	-88	-88			
2021/22-3	MO-SIM	srgt environ, rec	4/28/2022	Organic	2-Fluorophenol	n/a	=	46	%	EPA 625.1	-88	-88	17	120	
2021/22-3	MO-SIM	srgt environ	4/29/2022	Organic	2-Fluorophenol	n/a	=	18.3	µg/L	EPA 8270C	-88	-88			
2021/22-3	MO-SIM	srgt environ, rec	4/29/2022	Organic	2-Fluorophenol	n/a	=	45	%	EPA 8270C	-88	-88	11	62	
2021/22-3	MO-SPA	srgt environ	4/28/2022	Organic	2-Fluorophenol	n/a	=	21.9	µg/L	EPA 625.1	-88	-88			
2021/22-3	MO-SPA	srgt environ, rec	4/28/2022	Organic	2-Fluorophenol	n/a	=	53	%	EPA 625.1	-88	-88	17	120	
2021/22-3	MO-SPA	srgt environ	4/29/2022	Organic	2-Fluorophenol	n/a	=	20.7	µg/L	EPA 8270C	-88	-88			
2021/22-3	MO-SPA	srgt environ, rec	4/29/2022	Organic	2-Fluorophenol	n/a	=	50	%	EPA 8270C	-88	-88	11	62	
2021/22-3	MO-THO	srgt environ	4/28/2022	Organic	2-Fluorophenol	n/a	=	20.9	µg/L	EPA 625.1	-88	-88			
2021/22-3	MO-THO	srgt environ, rec	4/28/2022	Organic	2-Fluorophenol	n/a	=	52	%	EPA 625.1	-88	-88	17	120	
2021/22-3	MO-THO	srgt environ	4/29/2022	Organic	2-Fluorophenol	n/a	=	20.9	µg/L	EPA 8270C	-88	-88			
2021/22-3	MO-THO	srgt environ, rec	4/29/2022	Organic	2-Fluorophenol	n/a	=	52	%	EPA 8270C	-88	-88	11	62	
2021/22-3	MO-VEN	srgt environ	4/28/2022	Organic	2-Fluorophenol	n/a	=	21.7	µg/L	EPA 625.1	-88	-88			
2021/22-3	MO-VEN	srgt environ, rec	4/28/2022	Organic	2-Fluorophenol	n/a	=	53	%	EPA 625.1	-88	-88	17	120	
2021/22-3	MO-VEN	srgt environ	4/29/2022	Organic	2-Fluorophenol	n/a	=	20.6	µg/L	EPA 8270C	-88	-88			
2021/22-3	MO-VEN	srgt environ, rec	4/29/2022	Organic	2-Fluorophenol	n/a	=	50	%	EPA 8270C	-88	-88	11	62	
2021/22-3	Lab	method blank	4/20/2022	Organic	2-Methylnaphthalene	n/a	<	0.026	µg/L	EPA 8270C	0.026	0.1			
2021/22-3	Lab	method blank	4/29/2022	Organic	2-Methylphenol	n/a	<	0.34	µg/L	EPA 8270C	0.34	1			
2021/22-3	Lab	LCS	4/27/2022	Organic	2-Nitrophenol	n/a	=	16.1	µg/L	EPA 625.1	0.26	1			
2021/22-3	Lab	LCS, rec	4/27/2022	Organic	2-Nitrophenol	n/a	=	81	%	EPA 625.1	-88	-88	45	167	
2021/22-3	Lab	method blank	4/28/2022	Organic	2-Nitrophenol	n/a	<	0.26	µg/L	EPA 625.1	0.26	1			
2021/22-3	Lab	method blank	4/29/2022	Organic	2-Nitrophenol	n/a	<	0.71	µg/L	EPA 8270C	0.71	1			
2021/22-3	Lab	LCS	4/29/2022	Organic	2-Nitrophenol	n/a	=	16.1	µg/L	EPA 8270C	0.71	1			
2021/22-3	Lab	LCS, rec	4/29/2022	Organic	2-Nitrophenol	n/a	=	80	%	EPA 8270C	-88	-88	33	103	
2021/22-3	MO-HUE	matrix spike	4/27/2022	Organic	2-Nitrophenol	n/a	=	16	µg/L	EPA 625.1	0.52	2			
2021/22-3	MO-HUE	matrix spike, rec	4/27/2022	Organic	2-Nitrophenol	n/a	=	78	%	EPA 625.1	-88	-88	29	182	
2021/22-3	MO-HUE	matrix spike dup	4/27/2022	Organic	2-Nitrophenol	n/a	=	18.1	µg/L	EPA 625.1	0.52	2			
2021/22-3	MO-HUE	matrix spike dup, rec	4/27/2022	Organic	2-Nitrophenol	n/a	=	89	%	EPA 625.1	-88	-88	29	182	
2021/22-3	MO-HUE	matrix spike, RPD	4/27/2022	Organic	2-Nitrophenol	n/a	=	12	%	EPA 625.1	-88	-88	0	30	
2021/22-3	Lab	LCS	4/27/2022	Organic	3,3'-Dichlorobenzidine	n/a	=	11.3	µg/L	EPA 625.1	2.5	5			
2021/22-3	Lab	LCS, rec	4/27/2022	Organic	3,3'-Dichlorobenzidine	n/a	=	56	%	EPA 625.1	-88	-88	8	213	
2021/22-3	Lab	method blank	4/28/2022	Organic	3,3'-Dichlorobenzidine	n/a	<	2.5	µg/L	EPA 625.1	2.5	5			
2021/22-3	MO-HUE	matrix spike	4/27/2022	Organic	3,3'-Dichlorobenzidine	n/a	<	5	µg/L	EPA 625.1	5	10			GB
2021/22-3	MO-HUE	matrix spike, rec	4/27/2022	Organic	3,3'-Dichlorobenzidine	n/a	=	0	%	EPA 625.1	-88	-88	0.1	262	GB
2021/22-3	MO-HUE	matrix spike dup	4/27/2022	Organic	3,3'-Dichlorobenzidine	n/a	<	5	µg/L	EPA 625.1	5	10			GB
2021/22-3	MO-HUE	matrix spike dup, rec	4/27/2022	Organic	3,3'-Dichlorobenzidine	n/a	=	0	%	EPA 625.1	-88	-88	0.1	262	GB
2021/22-3	MO-HUE	matrix spike, RPD	4/27/2022	Organic	3,3'-Dichlorobenzidine	n/a	=	0	%	EPA 625.1	-88	-88	0	30	GB
2021/22-3	Lab	method blank	4/29/2022	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	
2021/22-3	Lab	LCS	4/27/2022	Organic	4,6-Dinitro-2-methylphenol	n/a	=	20.9	µg/L	EPA 625.1	0.5	5			
2021/22-3	Lab	LCS, rec	4/27/2022	Organic	4,6-Dinitro-2-methylphenol	n/a	=	104	%	EPA 625.1	-88	-88	53	130	
2021/22-3	Lab	method blank	4/28/2022	Organic	4,6-Dinitro-2-methylphenol	n/a	<	0.5	µg/L	EPA 625.1	0.5	5			
2021/22-3	Lab	method blank	4/29/2022	Organic	4,6-Dinitro-2-methylphenol	n/a	<	0.14	µg/L	EPA 8270C	0.14	1			
2021/22-3	Lab	LCS	4/29/2022	Organic	4,6-Dinitro-2-methylphenol	n/a	=	23.3	µg/L	EPA 8270C	0.14	1			EUM
2021/22-3	Lab	LCS, rec	4/29/2022	Organic	4,6-Dinitro-2-methylphenol	n/a	=	116	%	EPA 8270C	-88	-88	33	46	EUM
2021/22-3	MO-HUE	matrix spike	4/27/2022	Organic	4,6-Dinitro-2-methylphenol	n/a	=	20.5	µg/L	EPA 625.1	1	10			
2021/22-3	MO-HUE	matrix spike, rec	4/27/2022	Organic	4,6-Dinitro-2-methylphenol	n/a	=	100	%	EPA 625.1	-88	-88	0.1	181	
2021/22-3	MO-HUE	matrix spike dup	4/27/2022	Organic	4,6-Dinitro-2-methylphenol	n/a	=	23.4	µg/L	EPA 625.1	1	10			
2021/22-3	MO-HUE	matrix spike dup, rec	4/27/2022	Organic	4,6-Dinitro-2-methylphenol	n/a	=	114	%	EPA 625.1	-88	-88	0.1	181	
2021/22-3	MO-HUE	matrix spike, RPD	4/27/2022	Organic	4,6-Dinitro-2-methylphenol	n/a	=	13	%	EPA 625.1	-88	-88	0	30	
2021/22-3	Lab	srgt LCS	3/30/2022	Organic	4-Bromofluorobenzene	n/a	=	50.2	µg/L	EPA 8260B	-88	-88			
2021/22-3	Lab	srgt LCS, rec	3/30/2022	Organic	4-Bromofluorobenzene	n/a	=	100	%	EPA 8260B	-88	-88	83	110	
2021/22-3	Lab	srgt LCS dup	3/30/2022	Organic	4-Bromofluorobenzene	n/a	=	53.3	µg/L	EPA 8260B	-88	-88			
2021/22-3	Lab	srgt LCS dup, rec	3/30/2022	Organic	4-Bromofluorobenzene	n/a	=	107	%	EPA 8260B	-88	-88	83	110	
2021/22-3	Lab	srgt method blank	3/30/2022	Organic	4-Bromofluorobenzene	n/a	=	47.6	µg/L	EPA 8260B	-88	-88			
2021/22-3	Lab	srgt method blank, rec	3/30/2022	Organic	4-Bromofluorobenzene	n/a	=	95	%	EPA 8260B	-88	-88	83	110	
2021/22-3	ME-CC	srgt environ	3/30/2022	Organic	4-Bromofluorobenzene	n/a	=	48.7	µg/L	EPA 8260B	-88	-88			
2021/22-3	ME-CC	srgt environ, rec	3/30/2022	Organic	4-Bromofluorobenzene	n/a	=	97	%	EPA 8260B	-88	-88	83	110	
2021/22-3	ME-SCR	srgt environ	3/30/2022	Organic	4-Bromofluorobenzene	n/a	=	49	µg/L	EPA 8260B	-88	-88			
2021/22-3	ME-SCR	srgt environ, rec	3/30/2022	Organic	4-Bromofluorobenzene	n/a	=	98	%	EPA 8260B	-88	-88	83	110	
2021/22-3	ME-VR2	srgt environ	3/30/2022	Organic	4-Bromofluorobenzene	n/a	=	47.1	µg/L	EPA 8260B	-88	-88			
2021/22-3	ME-VR2	srgt environ, rec	3/30/2022	Organic	4-Bromofluorobenzene	n/a	=	94	%	EPA 8260B	-88	-88	83	110	
2021/22-3	MO-CAM	srgt environ	3/30/2022	Organic	4-Bromofluorobenzene	n/a	=	49.2	µg/L	EPA 8260B	-88	-88			
2021/22-3	MO-CAM	srgt environ, rec	3/30/2022	Organic	4-Bromofluorobenzene	n/a	=	98	%	EPA 8260B	-88	-88	83	110	
2021/22-3	MO-CAM	srgt environ	3/30/2022	Organic	4-Bromofluorobenzene	n/a	=	50.5	µg/L	EPA 8260B	-88	-88			
2021/22-3	MO-CAM	srgt environ, rec	3/30/2022	Organic	4-Bromofluorobenzene	n/a	=	101	%	EPA 8260B	-88	-88	83	110	
2021/22-3	MO-CAM	srgt field blank	3/30/2022	Organic	4-Bromofluorobenzene	n/a	=	48	µg/L	EPA 8260B	-88	-88			
2021/22-3	MO-CAM	srgt field blank, rec	3/30/2022	Organic	4-Bromofluorobenzene	n/a	=	96	%	EPA 8260B	-88	-88	83	110	
2021/22-3	MO-FIL	srgt environ	3/30/2022	Organic	4-Bromofluorobenzene	n/a	=	47.3	µg/L	EPA 8260B	-88	-88			
2021/22-3	MO-FIL	srgt environ, rec	3/30/2022	Organic	4-Bromofluorobenzene	n/a	=	95	%	EPA 8260B	-88	-88	83	110	
2021/22-3	MO-HUE	srgt environ	3/30/2022	Organic	4-Bromofluorobenzene	n/a	=	48.3	µg/L	EPA 8260B	-88	-88			
2021/22-3	MO-HUE	srgt environ, rec	3/30/2022	Organic	4-Bromofluorobenzene	n/a	=	97	%	EPA 8260B	-88	-88	83	110	
2021/22-3	MO-MEI	srgt environ	3/30/2022	Organic	4-Bromofluorobenzene	n/a	=	43.4	µg/L	EPA 8260B	-88	-88			
2021/22-3	MO-MEI	srgt environ, rec	3/30/2022	Organic	4-Bromofluorobenzene	n/a	=	87	%	EPA 8260B	-88	-88	83	110	
2021/22-3	MO-MPK	srgt environ	3/30/2022	Organic	4-Bromofluorobenzene	n/a	=	48.2	µg/L	EPA 8260B	-88	-88			
2021/22-3	MO-MPK	srgt environ, rec	3/30/2022	Organic	4-Bromofluorobenzene	n/a	=	96	%	EPA 8260B	-88	-88	83	110	
2021/22-3	MO-OJA	srgt environ	3/30/2022	Organic	4-Bromofluorobenzene	n/a	=	49.9	µg/L	EPA 8260B	-88	-88			
2021/22-3	MO-OJA	srgt environ, rec	3/30/2022	Organic	4-Bromofluorobenzene	n/a	=	100	%	EPA 8260B	-88	-88	83	110	
2021/22-3	MO-OXN	srgt environ	3/30/2022	Organic	4-Bromofluorobenzene	n/a	=	49.9	µg/L	EPA 8260B	-88	-88			
2021/22-3	MO-OXN	srgt environ, rec	3/30/2022	Organic	4-Bromofluorobenzene	n/a	=	100	%	EPA 8260B	-88	-88	83	110	
2021/22-3	MO-SIM	srgt environ	3/30/2022	Organic	4-Bromofluorobenzene	n/a	=	46.9	µg/L	EPA 8260B	-88	-88			
2021/22-3	MO-SIM	srgt environ, rec	3/30/2022	Organic	4-Bromofluorobenzene	n/a	=	94	%	EPA 8260B	-88	-88	83	110	
2021/22-3	MO-SPA	srgt environ	3/30/2022	Organic	4-Bromofluorobenzene	n/a	=	48.8	µg/L	EPA 8260B	-88	-88			
2021/22-3	MO-SPA	srgt environ, rec	3/30/2022	Organic	4-Bromofluorobenzene	n/a	=	98	%	EPA 8260B	-88	-88	83	110	
2021/22-3	MO-THO	srgt environ	3/30/2022	Organic	4-Bromofluorobenzene	n/a	=	48.3	µg/L	EPA 8260B	-88	-88			
2021/22-3	MO-THO	srgt environ, rec	3/30/2022	Organic	4-Bromofluorobenzene	n/a	=	97	%	EPA 8260B	-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	
2021/22-3	MO-VEN	srgt environ	3/30/2022	Organic	4-Bromofluorobenzene	n/a	=	46.7	µg/L	EPA 8260B	-88	-88			
2021/22-3	MO-VEN	srgt environ, rec	3/30/2022	Organic	4-Bromofluorobenzene	n/a	=	93	%	EPA 8260B	-88	-88	83	110	
2021/22-3	Lab	LCS	4/27/2022	Organic	4-Bromophenyl phenyl ether	n/a	=	16.8	µg/L	EPA 625.1	0.36	1			
2021/22-3	Lab	LCS, rec	4/27/2022	Organic	4-Bromophenyl phenyl ether	n/a	=	84	%	EPA 625.1	-88	-88	65	120	
2021/22-3	Lab	method blank	4/28/2022	Organic	4-Bromophenyl phenyl ether	n/a	<	0.36	µg/L	EPA 625.1	0.36	1			
2021/22-3	MO-HUE	matrix spike	4/27/2022	Organic	4-Bromophenyl phenyl ether	n/a	=	16.6	µg/L	EPA 625.1	0.72	2			
2021/22-3	MO-HUE	matrix spike, rec	4/27/2022	Organic	4-Bromophenyl phenyl ether	n/a	=	81	%	EPA 625.1	-88	-88	53	127	
2021/22-3	MO-HUE	matrix spike dup	4/27/2022	Organic	4-Bromophenyl phenyl ether	n/a	=	18	µg/L	EPA 625.1	0.72	2			
2021/22-3	MO-HUE	matrix spike dup, rec	4/27/2022	Organic	4-Bromophenyl phenyl ether	n/a	=	88	%	EPA 625.1	-88	-88	53	127	
2021/22-3	MO-HUE	matrix spike, RPD	4/27/2022	Organic	4-Bromophenyl phenyl ether	n/a	=	8	%	EPA 625.1	-88	-88	0	30	
2021/22-3	Lab	LCS	4/27/2022	Organic	4-Chloro-3-methylphenol	n/a	=	15.7	µg/L	EPA 625.1	0.23	1			
2021/22-3	Lab	LCS, rec	4/27/2022	Organic	4-Chloro-3-methylphenol	n/a	=	78	%	EPA 625.1	-88	-88	41	128	
2021/22-3	Lab	method blank	4/28/2022	Organic	4-Chloro-3-methylphenol	n/a	<	0.23	µg/L	EPA 625.1	0.23	1			
2021/22-3	Lab	method blank	4/29/2022	Organic	4-Chloro-3-methylphenol	n/a	<	0.37	µg/L	EPA 8270C	0.37	1			
2021/22-3	Lab	LCS	4/29/2022	Organic	4-Chloro-3-methylphenol	n/a	=	16.4	µg/L	EPA 8270C	0.37	1			
2021/22-3	Lab	LCS, rec	4/29/2022	Organic	4-Chloro-3-methylphenol	n/a	=	82	%	EPA 8270C	-88	-88	29	108	
2021/22-3	MO-HUE	matrix spike	4/27/2022	Organic	4-Chloro-3-methylphenol	n/a	=	16.4	µg/L	EPA 625.1	0.46	2			
2021/22-3	MO-HUE	matrix spike, rec	4/27/2022	Organic	4-Chloro-3-methylphenol	n/a	=	80	%	EPA 625.1	-88	-88	22	147	
2021/22-3	MO-HUE	matrix spike dup	4/27/2022	Organic	4-Chloro-3-methylphenol	n/a	=	19.4	µg/L	EPA 625.1	0.46	2			
2021/22-3	MO-HUE	matrix spike dup, rec	4/27/2022	Organic	4-Chloro-3-methylphenol	n/a	=	95	%	EPA 625.1	-88	-88	22	147	
2021/22-3	MO-HUE	matrix spike, RPD	4/27/2022	Organic	4-Chloro-3-methylphenol	n/a	=	17	%	EPA 625.1	-88	-88	0	30	
2021/22-3	MO-HUE	matrix spike	4/29/2022	Organic	4-Chloro-3-methylphenol	n/a	=	17.9	µg/L	EPA 8270C	0.74	2			
2021/22-3	MO-HUE	matrix spike, rec	4/29/2022	Organic	4-Chloro-3-methylphenol	n/a	=	87	%	EPA 8270C	-88	-88	9	127	
2021/22-3	MO-HUE	matrix spike dup	4/29/2022	Organic	4-Chloro-3-methylphenol	n/a	=	19.2	µg/L	EPA 8270C	0.74	2			
2021/22-3	MO-HUE	matrix spike dup, rec	4/29/2022	Organic	4-Chloro-3-methylphenol	n/a	=	94	%	EPA 8270C	-88	-88	9	127	
2021/22-3	MO-HUE	matrix spike, RPD	4/29/2022	Organic	4-Chloro-3-methylphenol	n/a	=	7	%	EPA 8270C	-88	-88	0	30	
2021/22-3	Lab	LCS	4/27/2022	Organic	4-Chlorophenyl phenyl ether	n/a	=	14.6	µg/L	EPA 625.1	0.41	1			
2021/22-3	Lab	LCS, rec	4/27/2022	Organic	4-Chlorophenyl phenyl ether	n/a	=	73	%	EPA 625.1	-88	-88	38	145	
2021/22-3	Lab	method blank	4/28/2022	Organic	4-Chlorophenyl phenyl ether	n/a	<	0.41	µg/L	EPA 625.1	0.41	1			
2021/22-3	MO-HUE	matrix spike	4/27/2022	Organic	4-Chlorophenyl phenyl ether	n/a	=	14.6	µg/L	EPA 625.1	0.82	2			
2021/22-3	MO-HUE	matrix spike, rec	4/27/2022	Organic	4-Chlorophenyl phenyl ether	n/a	=	72	%	EPA 625.1	-88	-88	25	158	
2021/22-3	MO-HUE	matrix spike dup	4/27/2022	Organic	4-Chlorophenyl phenyl ether	n/a	=	16.4	µg/L	EPA 625.1	0.82	2			
2021/22-3	MO-HUE	matrix spike dup, rec	4/27/2022	Organic	4-Chlorophenyl phenyl ether	n/a	=	80	%	EPA 625.1	-88	-88	25	158	
2021/22-3	MO-HUE	matrix spike, RPD	4/27/2022	Organic	4-Chlorophenyl phenyl ether	n/a	=	11	%	EPA 625.1	-88	-88	0	30	
2021/22-3	Lab	LCS	4/27/2022	Organic	4-Nitrophenol	n/a	=	8.05	µg/L	EPA 625.1	1.2	5			
2021/22-3	Lab	LCS, rec	4/27/2022	Organic	4-Nitrophenol	n/a	=	40	%	EPA 625.1	-88	-88	13	129	
2021/22-3	Lab	method blank	4/28/2022	Organic	4-Nitrophenol	n/a	<	1.2	µg/L	EPA 625.1	1.2	5			
2021/22-3	Lab	method blank	4/29/2022	Organic	4-Nitrophenol	n/a	<	1	µg/L	EPA 8270C	1	2			
2021/22-3	Lab	LCS	4/29/2022	Organic	4-Nitrophenol	n/a	=	8.47	µg/L	EPA 8270C	1	2			
2021/22-3	Lab	LCS, rec	4/29/2022	Organic	4-Nitrophenol	n/a	=	42	%	EPA 8270C	-88	-88	6	46	
2021/22-3	MO-HUE	matrix spike	4/27/2022	Organic	4-Nitrophenol	n/a	DNQ	8.85	µg/L	EPA 625.1	2.5	10			
2021/22-3	MO-HUE	matrix spike, rec	4/27/2022	Organic	4-Nitrophenol	n/a	=	43	%	EPA 625.1	-88	-88	0.1	132	
2021/22-3	MO-HUE	matrix spike dup	4/27/2022	Organic	4-Nitrophenol	n/a	DNQ	9.88	µg/L	EPA 625.1	2.5	10			
2021/22-3	MO-HUE	matrix spike dup, rec	4/27/2022	Organic	4-Nitrophenol	n/a	=	48	%	EPA 625.1	-88	-88	0.1	132	
2021/22-3	MO-HUE	matrix spike, RPD	4/27/2022	Organic	4-Nitrophenol	n/a	=	11	%	EPA 625.1	-88	-88	0	30	
2021/22-3	MO-HUE	matrix spike	4/29/2022	Organic	4-Nitrophenol	n/a	=	8.92	µg/L	EPA 8270C	2	4			
2021/22-3	MO-HUE	matrix spike, rec	4/29/2022	Organic	4-Nitrophenol	n/a	=	44	%	EPA 8270C	-88	-88	0.1	77	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2021/22-3	MO-HUE	matrix spike dup	4/29/2022	Organic	4-Nitrophenol	n/a	=	9.58	µg/L	EPA 8270C	2	4			
2021/22-3	MO-HUE	matrix spike dup, rec	4/29/2022	Organic	4-Nitrophenol	n/a	=	47	%	EPA 8270C	-88	-88	0.1	77	
2021/22-3	MO-HUE	matrix spike, RPD	4/29/2022	Organic	4-Nitrophenol	n/a	=	7	%	EPA 8270C	-88	-88	0	30	
2021/22-3	Lab	method blank	4/20/2022	Organic	Acenaphthene	n/a	<	0.028	µg/L	EPA 8270C	0.028	0.1			
2021/22-3	Lab	LCS	4/20/2022	Organic	Acenaphthene	n/a	=	17.8	µg/L	EPA 8270C	0.028	0.1			
2021/22-3	Lab	LCS, rec	4/20/2022	Organic	Acenaphthene	n/a	=	89	%	EPA 8270C	-88	-88	11	122	
2021/22-3	Lab	LCS	4/27/2022	Organic	Acenaphthene	n/a	=	15.8	µg/L	EPA 625.1	0.38	1			
2021/22-3	Lab	LCS, rec	4/27/2022	Organic	Acenaphthene	n/a	=	79	%	EPA 625.1	-88	-88	60	132	
2021/22-3	Lab	method blank	4/28/2022	Organic	Acenaphthene	n/a	<	0.38	µg/L	EPA 625.1	0.38	1			
2021/22-3	MO-HUE	matrix spike	4/20/2022	Organic	Acenaphthene	n/a	=	18.2	µg/L	EPA 8270C	0.056	0.2			
2021/22-3	MO-HUE	matrix spike, rec	4/20/2022	Organic	Acenaphthene	n/a	=	89	%	EPA 8270C	-88	-88	16	116	
2021/22-3	MO-HUE	matrix spike dup	4/20/2022	Organic	Acenaphthene	n/a	=	19.2	µg/L	EPA 8270C	0.056	0.2			
2021/22-3	MO-HUE	matrix spike dup, rec	4/20/2022	Organic	Acenaphthene	n/a	=	94	%	EPA 8270C	-88	-88	16	116	
2021/22-3	MO-HUE	matrix spike, RPD	4/20/2022	Organic	Acenaphthene	n/a	=	5	%	EPA 8270C	-88	-88	0	30	
2021/22-3	MO-HUE	matrix spike	4/27/2022	Organic	Acenaphthene	n/a	=	16.6	µg/L	EPA 625.1	0.76	2			
2021/22-3	MO-HUE	matrix spike, rec	4/27/2022	Organic	Acenaphthene	n/a	=	81	%	EPA 625.1	-88	-88	47	145	
2021/22-3	MO-HUE	matrix spike dup	4/27/2022	Organic	Acenaphthene	n/a	=	18.2	µg/L	EPA 625.1	0.76	2			
2021/22-3	MO-HUE	matrix spike dup, rec	4/27/2022	Organic	Acenaphthene	n/a	=	89	%	EPA 625.1	-88	-88	47	145	
2021/22-3	MO-HUE	matrix spike, RPD	4/27/2022	Organic	Acenaphthene	n/a	=	9	%	EPA 625.1	-88	-88	0	30	
2021/22-3	Lab	method blank	4/20/2022	Organic	Acenaphthylene	n/a	<	0.033	µg/L	EPA 8270C	0.033	0.1			
2021/22-3	Lab	LCS	4/20/2022	Organic	Acenaphthylene	n/a	=	18.4	µg/L	EPA 8270C	0.033	0.1			
2021/22-3	Lab	LCS, rec	4/20/2022	Organic	Acenaphthylene	n/a	=	92	%	EPA 8270C	-88	-88	4	135	
2021/22-3	Lab	LCS	4/27/2022	Organic	Acenaphthylene	n/a	=	17.3	µg/L	EPA 625.1	0.35	1			
2021/22-3	Lab	LCS, rec	4/27/2022	Organic	Acenaphthylene	n/a	=	86	%	EPA 625.1	-88	-88	54	126	
2021/22-3	Lab	method blank	4/28/2022	Organic	Acenaphthylene	n/a	<	0.35	µg/L	EPA 625.1	0.35	1			
2021/22-3	MO-HUE	matrix spike	4/20/2022	Organic	Acenaphthylene	n/a	=	19.4	µg/L	EPA 8270C	0.066	0.2			
2021/22-3	MO-HUE	matrix spike, rec	4/20/2022	Organic	Acenaphthylene	n/a	=	95	%	EPA 8270C	-88	-88	23	106	
2021/22-3	MO-HUE	matrix spike dup	4/20/2022	Organic	Acenaphthylene	n/a	=	20.5	µg/L	EPA 8270C	0.066	0.2			
2021/22-3	MO-HUE	matrix spike dup, rec	4/20/2022	Organic	Acenaphthylene	n/a	=	100	%	EPA 8270C	-88	-88	23	106	
2021/22-3	MO-HUE	matrix spike, RPD	4/20/2022	Organic	Acenaphthylene	n/a	=	5	%	EPA 8270C	-88	-88	0	30	
2021/22-3	MO-HUE	matrix spike	4/27/2022	Organic	Acenaphthylene	n/a	=	16.4	µg/L	EPA 625.1	0.7	2			
2021/22-3	MO-HUE	matrix spike, rec	4/27/2022	Organic	Acenaphthylene	n/a	=	80	%	EPA 625.1	-88	-88	33	145	
2021/22-3	MO-HUE	matrix spike dup	4/27/2022	Organic	Acenaphthylene	n/a	=	18.7	µg/L	EPA 625.1	0.7	2			
2021/22-3	MO-HUE	matrix spike dup, rec	4/27/2022	Organic	Acenaphthylene	n/a	=	92	%	EPA 625.1	-88	-88	33	145	
2021/22-3	MO-HUE	matrix spike, RPD	4/27/2022	Organic	Acenaphthylene	n/a	=	13	%	EPA 625.1	-88	-88	0	30	
2021/22-3	Lab	method blank	4/20/2022	Organic	Anthracene	n/a	<	0.025	µg/L	EPA 8270C	0.025	0.1			
2021/22-3	Lab	LCS	4/20/2022	Organic	Anthracene	n/a	=	16.2	µg/L	EPA 8270C	0.025	0.1			
2021/22-3	Lab	LCS, rec	4/20/2022	Organic	Anthracene	n/a	=	81	%	EPA 8270C	-88	-88	22	127	
2021/22-3	Lab	LCS	4/27/2022	Organic	Anthracene	n/a	=	16	µg/L	EPA 625.1	0.41	1			
2021/22-3	Lab	LCS, rec	4/27/2022	Organic	Anthracene	n/a	=	80	%	EPA 625.1	-88	-88	43	120	
2021/22-3	Lab	method blank	4/28/2022	Organic	Anthracene	n/a	<	0.41	µg/L	EPA 625.1	0.41	1			
2021/22-3	MO-HUE	matrix spike	4/20/2022	Organic	Anthracene	n/a	=	17.3	µg/L	EPA 8270C	0.05	0.2			
2021/22-3	MO-HUE	matrix spike, rec	4/20/2022	Organic	Anthracene	n/a	=	84	%	EPA 8270C	-88	-88	5	147	
2021/22-3	MO-HUE	matrix spike dup	4/20/2022	Organic	Anthracene	n/a	=	18.4	µg/L	EPA 8270C	0.05	0.2			
2021/22-3	MO-HUE	matrix spike dup, rec	4/20/2022	Organic	Anthracene	n/a	=	90	%	EPA 8270C	-88	-88	5	147	
2021/22-3	MO-HUE	matrix spike, RPD	4/20/2022	Organic	Anthracene	n/a	=	6	%	EPA 8270C	-88	-88	0	30	
2021/22-3	MO-HUE	matrix spike	4/27/2022	Organic	Anthracene	n/a	=	13.7	µg/L	EPA 625.1	0.82	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	
2021/22-3	MO-HUE	matrix spike, rec	4/27/2022	Organic	Anthracene	n/a	=	67	%	EPA 625.1	-88	-88	27	133	
2021/22-3	MO-HUE	matrix spike dup	4/27/2022	Organic	Anthracene	n/a	=	15.2	µg/L	EPA 625.1	0.82	2			
2021/22-3	MO-HUE	matrix spike dup, rec	4/27/2022	Organic	Anthracene	n/a	=	74	%	EPA 625.1	-88	-88	27	133	
2021/22-3	MO-HUE	matrix spike, RPD	4/27/2022	Organic	Anthracene	n/a	=	10	%	EPA 625.1	-88	-88	0	30	
2021/22-3	Lab	method blank	4/20/2022	Organic	Benz(a)anthracene	n/a	<	0.051	µg/L	EPA 8270C	0.051	0.1			
2021/22-3	Lab	LCS	4/20/2022	Organic	Benz(a)anthracene	n/a	=	18.1	µg/L	EPA 8270C	0.051	0.1			
2021/22-3	Lab	LCS, rec	4/20/2022	Organic	Benz(a)anthracene	n/a	=	90	%	EPA 8270C	-88	-88	17	131	
2021/22-3	Lab	LCS	4/27/2022	Organic	Benz(a)anthracene	n/a	=	18.1	µg/L	EPA 625.1	0.19	1			
2021/22-3	Lab	LCS, rec	4/27/2022	Organic	Benz(a)anthracene	n/a	=	91	%	EPA 625.1	-88	-88	42	133	
2021/22-3	Lab	method blank	4/28/2022	Organic	Benz(a)anthracene	n/a	<	0.19	µg/L	EPA 625.1	0.19	1			
2021/22-3	MO-HUE	matrix spike	4/20/2022	Organic	Benz(a)anthracene	n/a	=	19.4	µg/L	EPA 8270C	0.1	0.2			
2021/22-3	MO-HUE	matrix spike, rec	4/20/2022	Organic	Benz(a)anthracene	n/a	=	95	%	EPA 8270C	-88	-88	1	140	
2021/22-3	MO-HUE	matrix spike dup	4/20/2022	Organic	Benz(a)anthracene	n/a	=	20.5	µg/L	EPA 8270C	0.1	0.2			
2021/22-3	MO-HUE	matrix spike dup, rec	4/20/2022	Organic	Benz(a)anthracene	n/a	=	100	%	EPA 8270C	-88	-88	1	140	
2021/22-3	MO-HUE	matrix spike, RPD	4/20/2022	Organic	Benz(a)anthracene	n/a	=	6	%	EPA 8270C	-88	-88	0	30	
2021/22-3	MO-HUE	matrix spike	4/27/2022	Organic	Benz(a)anthracene	n/a	=	20.3	µg/L	EPA 625.1	0.38	2			
2021/22-3	MO-HUE	matrix spike, rec	4/27/2022	Organic	Benz(a)anthracene	n/a	=	99	%	EPA 625.1	-88	-88	33	143	
2021/22-3	MO-HUE	matrix spike dup	4/27/2022	Organic	Benz(a)anthracene	n/a	=	21.4	µg/L	EPA 625.1	0.38	2			
2021/22-3	MO-HUE	matrix spike dup, rec	4/27/2022	Organic	Benz(a)anthracene	n/a	=	105	%	EPA 625.1	-88	-88	33	143	
2021/22-3	MO-HUE	matrix spike, RPD	4/27/2022	Organic	Benz(a)anthracene	n/a	=	5	%	EPA 625.1	-88	-88	0	30	
2021/22-3	Lab	method blank	4/28/2022	Organic	Benzidine	n/a	<	3.2	µg/L	EPA 625.1	3.2	10			
2021/22-3	Lab	method blank	3/31/2022	Organic	Benzo(a)pyrene	n/a	<	0.02	µg/L	EPA 525.2	0.02	0.1			
2021/22-3	Lab	LCS	3/31/2022	Organic	Benzo(a)pyrene	n/a	=	4.96	µg/L	EPA 525.2	0.02	0.1			
2021/22-3	Lab	LCS, rec	3/31/2022	Organic	Benzo(a)pyrene	n/a	=	99	%	EPA 525.2	-88	-88	60	130	
2021/22-3	Lab	LCS dup	3/31/2022	Organic	Benzo(a)pyrene	n/a	=	4.82	µg/L	EPA 525.2	0.02	0.1			
2021/22-3	Lab	LCS dup, rec	3/31/2022	Organic	Benzo(a)pyrene	n/a	=	96	%	EPA 525.2	-88	-88	60	130	
2021/22-3	Lab	LCS, RPD	3/31/2022	Organic	Benzo(a)pyrene	n/a	=	3	%	EPA 525.2	-88	-88	0	30	
2021/22-3	Lab	method blank	4/14/2022	Organic	Benzo(a)pyrene	n/a	<	0.02	µg/L	EPA 525.2	0.02	0.1			
2021/22-3	Lab	LCS	4/14/2022	Organic	Benzo(a)pyrene	n/a	=	4.72	µg/L	EPA 525.2	0.02	0.1			
2021/22-3	Lab	LCS, rec	4/14/2022	Organic	Benzo(a)pyrene	n/a	=	94	%	EPA 525.2	-88	-88	60	130	
2021/22-3	Lab	LCS dup	4/14/2022	Organic	Benzo(a)pyrene	n/a	=	4.94	µg/L	EPA 525.2	0.02	0.1			
2021/22-3	Lab	LCS dup, rec	4/14/2022	Organic	Benzo(a)pyrene	n/a	=	99	%	EPA 525.2	-88	-88	60	130	
2021/22-3	Lab	LCS, RPD	4/14/2022	Organic	Benzo(a)pyrene	n/a	=	4	%	EPA 525.2	-88	-88	0	30	
2021/22-3	Lab	method blank	4/20/2022	Organic	Benzo(a)pyrene	n/a	<	0.051	µg/L	EPA 8270C	0.051	0.1			
2021/22-3	Lab	LCS	4/20/2022	Organic	Benzo(a)pyrene	n/a	=	15	µg/L	EPA 8270C	0.051	0.1			
2021/22-3	Lab	LCS, rec	4/20/2022	Organic	Benzo(a)pyrene	n/a	=	75	%	EPA 8270C	-88	-88	12	131	
2021/22-3	Lab	LCS	4/27/2022	Organic	Benzo(a)pyrene	n/a	=	18.8	µg/L	EPA 625.1	0.39	1			
2021/22-3	Lab	LCS, rec	4/27/2022	Organic	Benzo(a)pyrene	n/a	=	94	%	EPA 625.1	-88	-88	32	148	
2021/22-3	Lab	method blank	4/28/2022	Organic	Benzo(a)pyrene	n/a	<	0.39	µg/L	EPA 625.1	0.39	1			
2021/22-3	MO-HUE	matrix spike	4/20/2022	Organic	Benzo(a)pyrene	n/a	=	19.8	µg/L	EPA 8270C	0.1	0.2			
2021/22-3	MO-HUE	matrix spike, rec	4/20/2022	Organic	Benzo(a)pyrene	n/a	=	96	%	EPA 8270C	-88	-88	20	109	
2021/22-3	MO-HUE	matrix spike dup	4/20/2022	Organic	Benzo(a)pyrene	n/a	=	20.4	µg/L	EPA 8270C	0.1	0.2			
2021/22-3	MO-HUE	matrix spike dup, rec	4/20/2022	Organic	Benzo(a)pyrene	n/a	=	99	%	EPA 8270C	-88	-88	20	109	
2021/22-3	MO-HUE	matrix spike, RPD	4/20/2022	Organic	Benzo(a)pyrene	n/a	=	3	%	EPA 8270C	-88	-88	0	30	
2021/22-3	MO-HUE	matrix spike	4/27/2022	Organic	Benzo(a)pyrene	n/a	=	19.8	µg/L	EPA 625.1	0.78	2			
2021/22-3	MO-HUE	matrix spike, rec	4/27/2022	Organic	Benzo(a)pyrene	n/a	=	97	%	EPA 625.1	-88	-88	17	163	
2021/22-3	MO-HUE	matrix spike dup	4/27/2022	Organic	Benzo(a)pyrene	n/a	=	21.7	µg/L	EPA 625.1	0.78	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	
2021/22-3	MO-HUE	matrix spike dup, rec	4/27/2022	Organic	Benzo(a)pyrene	n/a	=	106	%	EPA 625.1	-88	-88	17	163	
2021/22-3	MO-HUE	matrix spike, RPD	4/27/2022	Organic	Benzo(a)pyrene	n/a	=	9	%	EPA 625.1	-88	-88	0	30	
2021/22-3	Lab	method blank	4/20/2022	Organic	Benzo(b)fluoranthene	n/a	<	0.074	µg/L	EPA 8270C	0.074	0.1			
2021/22-3	Lab	LCS	4/20/2022	Organic	Benzo(b)fluoranthene	n/a	=	16.7	µg/L	EPA 8270C	0.074	0.1			
2021/22-3	Lab	LCS, rec	4/20/2022	Organic	Benzo(b)fluoranthene	n/a	=	83	%	EPA 8270C	-88	-88	19	129	
2021/22-3	Lab	LCS	4/27/2022	Organic	Benzo(b)fluoranthene	n/a	=	17.8	µg/L	EPA 625.1	0.46	1			
2021/22-3	Lab	LCS, rec	4/27/2022	Organic	Benzo(b)fluoranthene	n/a	=	89	%	EPA 625.1	-88	-88	42	140	
2021/22-3	Lab	method blank	4/28/2022	Organic	Benzo(b)fluoranthene	n/a	<	0.46	µg/L	EPA 625.1	0.46	1			
2021/22-3	MO-HUE	matrix spike	4/20/2022	Organic	Benzo(b)fluoranthene	n/a	=	19.7	µg/L	EPA 8270C	0.15	0.2			
2021/22-3	MO-HUE	matrix spike, rec	4/20/2022	Organic	Benzo(b)fluoranthene	n/a	=	96	%	EPA 8270C	-88	-88	19	119	
2021/22-3	MO-HUE	matrix spike dup	4/20/2022	Organic	Benzo(b)fluoranthene	n/a	=	20.3	µg/L	EPA 8270C	0.15	0.2			
2021/22-3	MO-HUE	matrix spike dup, rec	4/20/2022	Organic	Benzo(b)fluoranthene	n/a	=	99	%	EPA 8270C	-88	-88	19	119	
2021/22-3	MO-HUE	matrix spike, RPD	4/20/2022	Organic	Benzo(b)fluoranthene	n/a	=	3	%	EPA 8270C	-88	-88	0	30	
2021/22-3	MO-HUE	matrix spike	4/27/2022	Organic	Benzo(b)fluoranthene	n/a	=	19.8	µg/L	EPA 625.1	0.92	2			
2021/22-3	MO-HUE	matrix spike, rec	4/27/2022	Organic	Benzo(b)fluoranthene	n/a	=	97	%	EPA 625.1	-88	-88	24	159	
2021/22-3	MO-HUE	matrix spike dup	4/27/2022	Organic	Benzo(b)fluoranthene	n/a	=	20.3	µg/L	EPA 625.1	0.92	2			
2021/22-3	MO-HUE	matrix spike dup, rec	4/27/2022	Organic	Benzo(b)fluoranthene	n/a	=	99	%	EPA 625.1	-88	-88	24	159	
2021/22-3	MO-HUE	matrix spike, RPD	4/27/2022	Organic	Benzo(b)fluoranthene	n/a	=	2	%	EPA 625.1	-88	-88	0	30	
2021/22-3	Lab	method blank	4/20/2022	Organic	Benzo(g,h,i)perylene	n/a	<	0.05	µg/L	EPA 8270C	0.05	0.1			
2021/22-3	Lab	LCS	4/20/2022	Organic	Benzo(g,h,i)perylene	n/a	=	19.4	µg/L	EPA 8270C	0.05	0.1			
2021/22-3	Lab	LCS, rec	4/20/2022	Organic	Benzo(g,h,i)perylene	n/a	=	97	%	EPA 8270C	-88	-88	14	139	
2021/22-3	Lab	LCS	4/27/2022	Organic	Benzo(g,h,i)perylene	n/a	=	18.5	µg/L	EPA 625.1	0.42	2			
2021/22-3	Lab	LCS, rec	4/27/2022	Organic	Benzo(g,h,i)perylene	n/a	=	93	%	EPA 625.1	-88	-88	0.1	195	
2021/22-3	Lab	method blank	4/28/2022	Organic	Benzo(g,h,i)perylene	n/a	<	0.42	µg/L	EPA 625.1	0.42	2			
2021/22-3	MO-HUE	matrix spike	4/20/2022	Organic	Benzo(g,h,i)perylene	n/a	=	18.8	µg/L	EPA 8270C	0.1	0.2			
2021/22-3	MO-HUE	matrix spike, rec	4/20/2022	Organic	Benzo(g,h,i)perylene	n/a	=	92	%	EPA 8270C	-88	-88	24	117	
2021/22-3	MO-HUE	matrix spike dup	4/20/2022	Organic	Benzo(g,h,i)perylene	n/a	=	18.3	µg/L	EPA 8270C	0.1	0.2			
2021/22-3	MO-HUE	matrix spike dup, rec	4/20/2022	Organic	Benzo(g,h,i)perylene	n/a	=	89	%	EPA 8270C	-88	-88	24	117	
2021/22-3	MO-HUE	matrix spike, RPD	4/20/2022	Organic	Benzo(g,h,i)perylene	n/a	=	3	%	EPA 8270C	-88	-88	0	30	
2021/22-3	MO-HUE	matrix spike	4/27/2022	Organic	Benzo(g,h,i)perylene	n/a	=	18.9	µg/L	EPA 625.1	0.84	4			
2021/22-3	MO-HUE	matrix spike, rec	4/27/2022	Organic	Benzo(g,h,i)perylene	n/a	=	92	%	EPA 625.1	-88	-88	0.1	219	
2021/22-3	MO-HUE	matrix spike dup	4/27/2022	Organic	Benzo(g,h,i)perylene	n/a	=	18.1	µg/L	EPA 625.1	0.84	4			
2021/22-3	MO-HUE	matrix spike dup, rec	4/27/2022	Organic	Benzo(g,h,i)perylene	n/a	=	89	%	EPA 625.1	-88	-88	0.1	219	
2021/22-3	MO-HUE	matrix spike, RPD	4/27/2022	Organic	Benzo(g,h,i)perylene	n/a	=	4	%	EPA 625.1	-88	-88	0	30	
2021/22-3	Lab	method blank	4/20/2022	Organic	Benzo(k)fluoranthene	n/a	DNQ	0.0398	µg/L	EPA 8270C	0.026	0.1			IP
2021/22-3	Lab	LCS	4/20/2022	Organic	Benzo(k)fluoranthene	n/a	=	16.9	µg/L	EPA 8270C	0.026	0.1			
2021/22-3	Lab	LCS, rec	4/20/2022	Organic	Benzo(k)fluoranthene	n/a	=	84	%	EPA 8270C	-88	-88	22	127	
2021/22-3	Lab	LCS	4/27/2022	Organic	Benzo(k)fluoranthene	n/a	=	18.1	µg/L	EPA 625.1	0.22	1			
2021/22-3	Lab	LCS, rec	4/27/2022	Organic	Benzo(k)fluoranthene	n/a	=	91	%	EPA 625.1	-88	-88	25	146	
2021/22-3	Lab	method blank	4/28/2022	Organic	Benzo(k)fluoranthene	n/a	<	0.22	µg/L	EPA 625.1	0.22	1			
2021/22-3	MO-HUE	matrix spike	4/20/2022	Organic	Benzo(k)fluoranthene	n/a	=	19.5	µg/L	EPA 8270C	0.052	0.2			
2021/22-3	MO-HUE	matrix spike, rec	4/20/2022	Organic	Benzo(k)fluoranthene	n/a	=	95	%	EPA 8270C	-88	-88	17	123	
2021/22-3	MO-HUE	matrix spike dup	4/20/2022	Organic	Benzo(k)fluoranthene	n/a	=	20.5	µg/L	EPA 8270C	0.052	0.2			
2021/22-3	MO-HUE	matrix spike dup, rec	4/20/2022	Organic	Benzo(k)fluoranthene	n/a	=	100	%	EPA 8270C	-88	-88	17	123	
2021/22-3	MO-HUE	matrix spike, RPD	4/20/2022	Organic	Benzo(k)fluoranthene	n/a	=	5	%	EPA 8270C	-88	-88	0	30	
2021/22-3	MO-HUE	matrix spike	4/27/2022	Organic	Benzo(k)fluoranthene	n/a	=	18.7	µg/L	EPA 625.1	0.44	2			
2021/22-3	MO-HUE	matrix spike, rec	4/27/2022	Organic	Benzo(k)fluoranthene	n/a	=	91	%	EPA 625.1	-88	-88	11	162	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2021/22-3	MO-HUE	matrix spike dup	4/27/2022	Organic	Benzo(k)fluoranthene	n/a	=	22.5	µg/L	EPA 625.1	0.44	2			
2021/22-3	MO-HUE	matrix spike dup, rec	4/27/2022	Organic	Benzo(k)fluoranthene	n/a	=	110	%	EPA 625.1	-88	-88	11	162	
2021/22-3	MO-HUE	matrix spike, RPD	4/27/2022	Organic	Benzo(k)fluoranthene	n/a	=	19	%	EPA 625.1	-88	-88	0	30	
2021/22-3	Lab	LCS	4/27/2022	Organic	Bis(2-chloroethoxy)methane	n/a	=	14.6	µg/L	EPA 625.1	0.25	1			
2021/22-3	Lab	LCS, rec	4/27/2022	Organic	Bis(2-chloroethoxy)methane	n/a	=	73	%	EPA 625.1	-88	-88	49	165	
2021/22-3	Lab	method blank	4/28/2022	Organic	Bis(2-chloroethoxy)methane	n/a	<	0.25	µg/L	EPA 625.1	0.25	1			
2021/22-3	MO-HUE	matrix spike	4/27/2022	Organic	Bis(2-chloroethoxy)methane	n/a	=	15.8	µg/L	EPA 625.1	0.5	2			
2021/22-3	MO-HUE	matrix spike, rec	4/27/2022	Organic	Bis(2-chloroethoxy)methane	n/a	=	77	%	EPA 625.1	-88	-88	33	184	
2021/22-3	MO-HUE	matrix spike dup	4/27/2022	Organic	Bis(2-chloroethoxy)methane	n/a	=	17.4	µg/L	EPA 625.1	0.5	2			
2021/22-3	MO-HUE	matrix spike dup, rec	4/27/2022	Organic	Bis(2-chloroethoxy)methane	n/a	=	85	%	EPA 625.1	-88	-88	33	184	
2021/22-3	MO-HUE	matrix spike, RPD	4/27/2022	Organic	Bis(2-chloroethoxy)methane	n/a	=	10	%	EPA 625.1	-88	-88	0	30	
2021/22-3	Lab	LCS	4/27/2022	Organic	Bis(2-chloroethyl)ether	n/a	=	13.4	µg/L	EPA 625.1	0.27	1			
2021/22-3	Lab	LCS, rec	4/27/2022	Organic	Bis(2-chloroethyl)ether	n/a	=	67	%	EPA 625.1	-88	-88	43	126	
2021/22-3	Lab	method blank	4/28/2022	Organic	Bis(2-chloroethyl)ether	n/a	<	0.27	µg/L	EPA 625.1	0.27	1			
2021/22-3	MO-HUE	matrix spike	4/27/2022	Organic	Bis(2-chloroethyl)ether	n/a	=	14.5	µg/L	EPA 625.1	0.54	2			
2021/22-3	MO-HUE	matrix spike, rec	4/27/2022	Organic	Bis(2-chloroethyl)ether	n/a	=	71	%	EPA 625.1	-88	-88	12	158	
2021/22-3	MO-HUE	matrix spike dup	4/27/2022	Organic	Bis(2-chloroethyl)ether	n/a	=	16.3	µg/L	EPA 625.1	0.54	2			
2021/22-3	MO-HUE	matrix spike dup, rec	4/27/2022	Organic	Bis(2-chloroethyl)ether	n/a	=	80	%	EPA 625.1	-88	-88	12	158	
2021/22-3	MO-HUE	matrix spike, RPD	4/27/2022	Organic	Bis(2-chloroethyl)ether	n/a	=	11	%	EPA 625.1	-88	-88	0	30	
2021/22-3	Lab	LCS	4/27/2022	Organic	Bis(2-chloroisopropyl)ether	n/a	=	15	µg/L	EPA 625.1	0.38	1			
2021/22-3	Lab	LCS, rec	4/27/2022	Organic	Bis(2-chloroisopropyl)ether	n/a	=	75	%	EPA 625.1	-88	-88	63	139	
2021/22-3	Lab	method blank	4/28/2022	Organic	Bis(2-chloroisopropyl)ether	n/a	<	0.38	µg/L	EPA 625.1	0.38	1			
2021/22-3	MO-HUE	matrix spike	4/27/2022	Organic	Bis(2-chloroisopropyl)ether	n/a	=	15.4	µg/L	EPA 625.1	0.76	2			
2021/22-3	MO-HUE	matrix spike, rec	4/27/2022	Organic	Bis(2-chloroisopropyl)ether	n/a	=	75	%	EPA 625.1	-88	-88	36	166	
2021/22-3	MO-HUE	matrix spike dup	4/27/2022	Organic	Bis(2-chloroisopropyl)ether	n/a	=	17.3	µg/L	EPA 625.1	0.76	2			
2021/22-3	MO-HUE	matrix spike dup, rec	4/27/2022	Organic	Bis(2-chloroisopropyl)ether	n/a	=	84	%	EPA 625.1	-88	-88	36	166	
2021/22-3	MO-HUE	matrix spike, RPD	4/27/2022	Organic	Bis(2-chloroisopropyl)ether	n/a	=	12	%	EPA 625.1	-88	-88	0	30	
2021/22-3	Lab	method blank	3/31/2022	Organic	Bis(2-ethylhexyl)adipate	n/a	<	0.42	µg/L	EPA 525.2	0.42	5			
2021/22-3	Lab	LCS	3/31/2022	Organic	Bis(2-ethylhexyl)adipate	n/a	=	7.11	µg/L	EPA 525.2	0.42	5			EUM
2021/22-3	Lab	LCS, rec	3/31/2022	Organic	Bis(2-ethylhexyl)adipate	n/a	=	142	%	EPA 525.2	-88	-88	70	130	EUM
2021/22-3	Lab	LCS dup	3/31/2022	Organic	Bis(2-ethylhexyl)adipate	n/a	=	6.84	µg/L	EPA 525.2	0.42	5			EUM
2021/22-3	Lab	LCS dup, rec	3/31/2022	Organic	Bis(2-ethylhexyl)adipate	n/a	=	137	%	EPA 525.2	-88	-88	70	130	EUM
2021/22-3	Lab	LCS, RPD	3/31/2022	Organic	Bis(2-ethylhexyl)adipate	n/a	=	4	%	EPA 525.2	-88	-88	0	30	EUM
2021/22-3	Lab	method blank	4/14/2022	Organic	Bis(2-ethylhexyl)adipate	n/a	<	0.42	µg/L	EPA 525.2	0.42	5			
2021/22-3	Lab	LCS	4/14/2022	Organic	Bis(2-ethylhexyl)adipate	n/a	=	5.6	µg/L	EPA 525.2	0.42	5			
2021/22-3	Lab	LCS, rec	4/14/2022	Organic	Bis(2-ethylhexyl)adipate	n/a	=	112	%	EPA 525.2	-88	-88	70	130	
2021/22-3	Lab	LCS dup	4/14/2022	Organic	Bis(2-ethylhexyl)adipate	n/a	=	5.96	µg/L	EPA 525.2	0.42	5			
2021/22-3	Lab	LCS dup, rec	4/14/2022	Organic	Bis(2-ethylhexyl)adipate	n/a	=	119	%	EPA 525.2	-88	-88	70	130	
2021/22-3	Lab	LCS, RPD	4/14/2022	Organic	Bis(2-ethylhexyl)adipate	n/a	=	6	%	EPA 525.2	-88	-88	0	30	
2021/22-3	Lab	method blank	3/31/2022	Organic	Bis(2-ethylhexyl)phthalate	n/a	<	0.41	µg/L	EPA 525.2	0.41	3			
2021/22-3	Lab	LCS	3/31/2022	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	6.33	µg/L	EPA 525.2	0.41	3			
2021/22-3	Lab	LCS, rec	3/31/2022	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	127	%	EPA 525.2	-88	-88	70	130	
2021/22-3	Lab	LCS dup	3/31/2022	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	6.15	µg/L	EPA 525.2	0.41	3			
2021/22-3	Lab	LCS dup, rec	3/31/2022	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	123	%	EPA 525.2	-88	-88	70	130	
2021/22-3	Lab	LCS, RPD	3/31/2022	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	3	%	EPA 525.2	-88	-88	0	30	
2021/22-3	Lab	method blank	4/14/2022	Organic	Bis(2-ethylhexyl)phthalate	n/a	<	0.41	µg/L	EPA 525.2	0.41	3			
2021/22-3	Lab	LCS	4/14/2022	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	5.68	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	
2021/22-3	Lab	LCS, rec	4/14/2022	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	114	%	EPA 525.2	-88	-88	70	130	
2021/22-3	Lab	LCS dup	4/14/2022	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	6.01	µg/L	EPA 525.2	0.41	3			
2021/22-3	Lab	LCS dup, rec	4/14/2022	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	120	%	EPA 525.2	-88	-88	70	130	
2021/22-3	Lab	LCS, RPD	4/14/2022	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	6	%	EPA 525.2	-88	-88	0	30	
2021/22-3	Lab	LCS	4/27/2022	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	21.8	µg/L	EPA 625.1	2.3	5			
2021/22-3	Lab	LCS, rec	4/27/2022	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	109	%	EPA 625.1	-88	-88	29	137	
2021/22-3	Lab	method blank	4/28/2022	Organic	Bis(2-ethylhexyl)phthalate	n/a	<	2.3	µg/L	EPA 625.1	2.3	5			
2021/22-3	MO-HUE	matrix spike	4/27/2022	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	25.1	µg/L	EPA 625.1	4.6	10			
2021/22-3	MO-HUE	matrix spike, rec	4/27/2022	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	123	%	EPA 625.1	-88	-88	8	158	
2021/22-3	MO-HUE	matrix spike dup	4/27/2022	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	26.8	µg/L	EPA 625.1	4.6	10			
2021/22-3	MO-HUE	matrix spike dup, rec	4/27/2022	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	131	%	EPA 625.1	-88	-88	8	158	
2021/22-3	MO-HUE	matrix spike, RPD	4/27/2022	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	7	%	EPA 625.1	-88	-88	0	30	
2021/22-3	Lab	LCS	4/27/2022	Organic	Butyl benzyl phthalate	n/a	=	21	µg/L	EPA 625.1	0.49	1			
2021/22-3	Lab	LCS, rec	4/27/2022	Organic	Butyl benzyl phthalate	n/a	=	105	%	EPA 625.1	-88	-88	0.1	140	
2021/22-3	Lab	method blank	4/28/2022	Organic	Butyl benzyl phthalate	n/a	<	0.49	µg/L	EPA 625.1	0.49	1			
2021/22-3	MO-HUE	matrix spike	4/27/2022	Organic	Butyl benzyl phthalate	n/a	=	24.2	µg/L	EPA 625.1	0.98	2			
2021/22-3	MO-HUE	matrix spike, rec	4/27/2022	Organic	Butyl benzyl phthalate	n/a	=	118	%	EPA 625.1	-88	-88	0.1	152	
2021/22-3	MO-HUE	matrix spike dup	4/27/2022	Organic	Butyl benzyl phthalate	n/a	=	25.5	µg/L	EPA 625.1	0.98	2			
2021/22-3	MO-HUE	matrix spike dup, rec	4/27/2022	Organic	Butyl benzyl phthalate	n/a	=	125	%	EPA 625.1	-88	-88	0.1	152	
2021/22-3	MO-HUE	matrix spike, RPD	4/27/2022	Organic	Butyl benzyl phthalate	n/a	=	5	%	EPA 625.1	-88	-88	0	30	
2021/22-3	Lab	method blank	4/20/2022	Organic	Chrysene	n/a	<	0.074	µg/L	EPA 8270C	0.074	0.1			
2021/22-3	Lab	LCS	4/20/2022	Organic	Chrysene	n/a	=	15.4	µg/L	EPA 8270C	0.074	0.1			
2021/22-3	Lab	LCS, rec	4/20/2022	Organic	Chrysene	n/a	=	77	%	EPA 8270C	-88	-88	32	126	
2021/22-3	Lab	LCS	4/27/2022	Organic	Chrysene	n/a	=	16.3	µg/L	EPA 625.1	0.19	1			
2021/22-3	Lab	LCS, rec	4/27/2022	Organic	Chrysene	n/a	=	82	%	EPA 625.1	-88	-88	44	140	
2021/22-3	Lab	method blank	4/28/2022	Organic	Chrysene	n/a	<	0.19	µg/L	EPA 625.1	0.19	1			
2021/22-3	MO-HUE	matrix spike	4/20/2022	Organic	Chrysene	n/a	=	17.7	µg/L	EPA 8270C	0.15	0.2			
2021/22-3	MO-HUE	matrix spike, rec	4/20/2022	Organic	Chrysene	n/a	=	87	%	EPA 8270C	-88	-88	11	151	
2021/22-3	MO-HUE	matrix spike dup	4/20/2022	Organic	Chrysene	n/a	=	18.6	µg/L	EPA 8270C	0.15	0.2			
2021/22-3	MO-HUE	matrix spike dup, rec	4/20/2022	Organic	Chrysene	n/a	=	91	%	EPA 8270C	-88	-88	11	151	
2021/22-3	MO-HUE	matrix spike, RPD	4/20/2022	Organic	Chrysene	n/a	=	5	%	EPA 8270C	-88	-88	0	30	
2021/22-3	MO-HUE	matrix spike	4/27/2022	Organic	Chrysene	n/a	=	17.3	µg/L	EPA 625.1	0.38	2			
2021/22-3	MO-HUE	matrix spike, rec	4/27/2022	Organic	Chrysene	n/a	=	84	%	EPA 625.1	-88	-88	17	168	
2021/22-3	MO-HUE	matrix spike dup	4/27/2022	Organic	Chrysene	n/a	=	19	µg/L	EPA 625.1	0.38	2			
2021/22-3	MO-HUE	matrix spike dup, rec	4/27/2022	Organic	Chrysene	n/a	=	93	%	EPA 625.1	-88	-88	17	168	
2021/22-3	MO-HUE	matrix spike, RPD	4/27/2022	Organic	Chrysene	n/a	=	10	%	EPA 625.1	-88	-88	0	30	
2021/22-3	Lab	method blank	4/20/2022	Organic	Dibenz(a,h)anthracene	n/a	DNQ	0.0622	µg/L	EPA 8270C	0.036	0.1			IP
2021/22-3	Lab	LCS	4/20/2022	Organic	Dibenz(a,h)anthracene	n/a	=	21.3	µg/L	EPA 8270C	0.036	0.1			
2021/22-3	Lab	LCS, rec	4/20/2022	Organic	Dibenz(a,h)anthracene	n/a	=	107	%	EPA 8270C	-88	-88	9	147	
2021/22-3	Lab	LCS	4/27/2022	Organic	Dibenz(a,h)anthracene	n/a	=	18.2	µg/L	EPA 625.1	0.15	2			
2021/22-3	Lab	LCS, rec	4/27/2022	Organic	Dibenz(a,h)anthracene	n/a	=	91	%	EPA 625.1	-88	-88	0.1	200	
2021/22-3	Lab	method blank	4/28/2022	Organic	Dibenz(a,h)anthracene	n/a	<	0.15	µg/L	EPA 625.1	0.15	2			
2021/22-3	MO-HUE	matrix spike	4/20/2022	Organic	Dibenz(a,h)anthracene	n/a	=	20.3	µg/L	EPA 8270C	0.072	0.2			
2021/22-3	MO-HUE	matrix spike, rec	4/20/2022	Organic	Dibenz(a,h)anthracene	n/a	=	99	%	EPA 8270C	-88	-88	23	123	
2021/22-3	MO-HUE	matrix spike dup	4/20/2022	Organic	Dibenz(a,h)anthracene	n/a	=	20.8	µg/L	EPA 8270C	0.072	0.2			
2021/22-3	MO-HUE	matrix spike dup, rec	4/20/2022	Organic	Dibenz(a,h)anthracene	n/a	=	101	%	EPA 8270C	-88	-88	23	123	
2021/22-3	MO-HUE	matrix spike, RPD	4/20/2022	Organic	Dibenz(a,h)anthracene	n/a	=	2	%	EPA 8270C	-88	-88	0	30	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2021/22-3	MO-HUE	matrix spike	4/27/2022	Organic	Dibenz(a,h)anthracene	n/a	=	19.2	µg/L	EPA 625.1	0.3	4			
2021/22-3	MO-HUE	matrix spike, rec	4/27/2022	Organic	Dibenz(a,h)anthracene	n/a	=	94	%	EPA 625.1	-88	-88	0.1	227	
2021/22-3	MO-HUE	matrix spike dup	4/27/2022	Organic	Dibenz(a,h)anthracene	n/a	=	18.9	µg/L	EPA 625.1	0.3	4			
2021/22-3	MO-HUE	matrix spike dup, rec	4/27/2022	Organic	Dibenz(a,h)anthracene	n/a	=	92	%	EPA 625.1	-88	-88	0.1	227	
2021/22-3	MO-HUE	matrix spike, RPD	4/27/2022	Organic	Dibenz(a,h)anthracene	n/a	=	2	%	EPA 625.1	-88	-88	0	30	
2021/22-3	Lab	LCS	4/27/2022	Organic	Diethyl phthalate	n/a	=	16.6	µg/L	EPA 625.1	0.35	1			
2021/22-3	Lab	LCS, rec	4/27/2022	Organic	Diethyl phthalate	n/a	=	83	%	EPA 625.1	-88	-88	0.1	120	
2021/22-3	Lab	method blank	4/28/2022	Organic	Diethyl phthalate	n/a	<	0.35	µg/L	EPA 625.1	0.35	1			
2021/22-3	MO-HUE	matrix spike	4/27/2022	Organic	Diethyl phthalate	n/a	=	17.4	µg/L	EPA 625.1	0.7	2			
2021/22-3	MO-HUE	matrix spike, rec	4/27/2022	Organic	Diethyl phthalate	n/a	=	85	%	EPA 625.1	-88	-88	0.1	120	
2021/22-3	MO-HUE	matrix spike dup	4/27/2022	Organic	Diethyl phthalate	n/a	=	18.9	µg/L	EPA 625.1	0.7	2			
2021/22-3	MO-HUE	matrix spike dup, rec	4/27/2022	Organic	Diethyl phthalate	n/a	=	92	%	EPA 625.1	-88	-88	0.1	120	
2021/22-3	MO-HUE	matrix spike, RPD	4/27/2022	Organic	Diethyl phthalate	n/a	=	8	%	EPA 625.1	-88	-88	0	30	
2021/22-3	Lab	LCS	4/27/2022	Organic	Dimethyl phthalate	n/a	=	15.7	µg/L	EPA 625.1	0.18	1			
2021/22-3	Lab	LCS, rec	4/27/2022	Organic	Dimethyl phthalate	n/a	=	79	%	EPA 625.1	-88	-88	0.1	120	
2021/22-3	Lab	method blank	4/28/2022	Organic	Dimethyl phthalate	n/a	<	0.18	µg/L	EPA 625.1	0.18	1			
2021/22-3	MO-HUE	matrix spike	4/27/2022	Organic	Dimethyl phthalate	n/a	=	17.5	µg/L	EPA 625.1	0.36	2			
2021/22-3	MO-HUE	matrix spike, rec	4/27/2022	Organic	Dimethyl phthalate	n/a	=	77	%	EPA 625.1	-88	-88	0.1	120	
2021/22-3	MO-HUE	matrix spike dup	4/27/2022	Organic	Dimethyl phthalate	n/a	=	19.8	µg/L	EPA 625.1	0.36	2			
2021/22-3	MO-HUE	matrix spike dup, rec	4/27/2022	Organic	Dimethyl phthalate	n/a	=	88	%	EPA 625.1	-88	-88	0.1	120	
2021/22-3	MO-HUE	matrix spike, RPD	4/27/2022	Organic	Dimethyl phthalate	n/a	=	13	%	EPA 625.1	-88	-88	0	30	
2021/22-3	Lab	LCS	4/27/2022	Organic	Di-n-butylphthalate	n/a	=	15.8	µg/L	EPA 625.1	0.34	1			
2021/22-3	Lab	LCS, rec	4/27/2022	Organic	Di-n-butylphthalate	n/a	=	79	%	EPA 625.1	-88	-88	8	120	
2021/22-3	Lab	method blank	4/28/2022	Organic	Di-n-butylphthalate	n/a	<	0.34	µg/L	EPA 625.1	0.34	1			
2021/22-3	MO-HUE	matrix spike	4/27/2022	Organic	Di-n-butylphthalate	n/a	=	16	µg/L	EPA 625.1	0.68	2			
2021/22-3	MO-HUE	matrix spike, rec	4/27/2022	Organic	Di-n-butylphthalate	n/a	=	78	%	EPA 625.1	-88	-88	1	120	
2021/22-3	MO-HUE	matrix spike dup	4/27/2022	Organic	Di-n-butylphthalate	n/a	=	17.4	µg/L	EPA 625.1	0.68	2			
2021/22-3	MO-HUE	matrix spike dup, rec	4/27/2022	Organic	Di-n-butylphthalate	n/a	=	85	%	EPA 625.1	-88	-88	1	120	
2021/22-3	MO-HUE	matrix spike, RPD	4/27/2022	Organic	Di-n-butylphthalate	n/a	=	8	%	EPA 625.1	-88	-88	0	30	
2021/22-3	Lab	LCS	4/27/2022	Organic	Di-n-octylphthalate	n/a	=	19.4	µg/L	EPA 625.1	0.46	1			
2021/22-3	Lab	LCS, rec	4/27/2022	Organic	Di-n-octylphthalate	n/a	=	97	%	EPA 625.1	-88	-88	19	132	
2021/22-3	Lab	method blank	4/28/2022	Organic	Di-n-octylphthalate	n/a	<	0.46	µg/L	EPA 625.1	0.46	1			
2021/22-3	MO-HUE	matrix spike	4/27/2022	Organic	Di-n-octylphthalate	n/a	=	22.3	µg/L	EPA 625.1	0.92	2			
2021/22-3	MO-HUE	matrix spike, rec	4/27/2022	Organic	Di-n-octylphthalate	n/a	=	109	%	EPA 625.1	-88	-88	4	146	
2021/22-3	MO-HUE	matrix spike dup	4/27/2022	Organic	Di-n-octylphthalate	n/a	=	25.1	µg/L	EPA 625.1	0.92	2			
2021/22-3	MO-HUE	matrix spike dup, rec	4/27/2022	Organic	Di-n-octylphthalate	n/a	=	123	%	EPA 625.1	-88	-88	4	146	
2021/22-3	MO-HUE	matrix spike, RPD	4/27/2022	Organic	Di-n-octylphthalate	n/a	=	12	%	EPA 625.1	-88	-88	0	30	
2021/22-3	Lab	method blank	4/20/2022	Organic	Fluoranthene	n/a	<	0.039	µg/L	EPA 8270C	0.039	0.1			
2021/22-3	Lab	LCS	4/20/2022	Organic	Fluoranthene	n/a	=	16.8	µg/L	EPA 8270C	0.039	0.1			
2021/22-3	Lab	LCS, rec	4/20/2022	Organic	Fluoranthene	n/a	=	84	%	EPA 8270C	-88	-88	22	131	
2021/22-3	Lab	LCS	4/27/2022	Organic	Fluoranthene	n/a	=	19.6	µg/L	EPA 625.1	0.35	1			
2021/22-3	Lab	LCS, rec	4/27/2022	Organic	Fluoranthene	n/a	=	98	%	EPA 625.1	-88	-88	43	121	
2021/22-3	Lab	method blank	4/28/2022	Organic	Fluoranthene	n/a	<	0.35	µg/L	EPA 625.1	0.35	1			
2021/22-3	MO-HUE	matrix spike	4/20/2022	Organic	Fluoranthene	n/a	=	18.4	µg/L	EPA 8270C	0.078	0.2			
2021/22-3	MO-HUE	matrix spike, rec	4/20/2022	Organic	Fluoranthene	n/a	=	90	%	EPA 8270C	-88	-88	15	130	
2021/22-3	MO-HUE	matrix spike dup	4/20/2022	Organic	Fluoranthene	n/a	=	19.5	µg/L	EPA 8270C	0.078	0.2			
2021/22-3	MO-HUE	matrix spike dup, rec	4/20/2022	Organic	Fluoranthene	n/a	=	95	%	EPA 8270C	-88	-88	15	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	
2021/22-3	MO-HUE	matrix spike, RPD	4/20/2022	Organic	Fluoranthene	n/a	=	6	%	EPA 8270C	-88	-88	0	30	
2021/22-3	MO-HUE	matrix spike	4/27/2022	Organic	Fluoranthene	n/a	=	18.1	µg/L	EPA 625.1	0.69	2			
2021/22-3	MO-HUE	matrix spike, rec	4/27/2022	Organic	Fluoranthene	n/a	=	89	%	EPA 625.1	-88	-88	26	137	
2021/22-3	MO-HUE	matrix spike dup	4/27/2022	Organic	Fluoranthene	n/a	=	20.1	µg/L	EPA 625.1	0.69	2			
2021/22-3	MO-HUE	matrix spike dup, rec	4/27/2022	Organic	Fluoranthene	n/a	=	98	%	EPA 625.1	-88	-88	26	137	
2021/22-3	MO-HUE	matrix spike, RPD	4/27/2022	Organic	Fluoranthene	n/a	=	10	%	EPA 625.1	-88	-88	0	30	
2021/22-3	Lab	method blank	4/20/2022	Organic	Fluorene	n/a	<	0.029	µg/L	EPA 8270C	0.029	0.1			
2021/22-3	Lab	LCS	4/20/2022	Organic	Fluorene	n/a	=	18.9	µg/L	EPA 8270C	0.029	0.1			
2021/22-3	Lab	LCS, rec	4/20/2022	Organic	Fluorene	n/a	=	95	%	EPA 8270C	-88	-88	19	122	
2021/22-3	Lab	LCS	4/27/2022	Organic	Fluorene	n/a	=	16.9	µg/L	EPA 625.1	0.35	1			
2021/22-3	Lab	LCS, rec	4/27/2022	Organic	Fluorene	n/a	=	85	%	EPA 625.1	-88	-88	70	120	
2021/22-3	Lab	method blank	4/28/2022	Organic	Fluorene	n/a	<	0.35	µg/L	EPA 625.1	0.35	1			
2021/22-3	MO-HUE	matrix spike	4/20/2022	Organic	Fluorene	n/a	=	19.4	µg/L	EPA 8270C	0.058	0.2			
2021/22-3	MO-HUE	matrix spike, rec	4/20/2022	Organic	Fluorene	n/a	=	95	%	EPA 8270C	-88	-88	22	124	
2021/22-3	MO-HUE	matrix spike dup	4/20/2022	Organic	Fluorene	n/a	=	20.4	µg/L	EPA 8270C	0.058	0.2			
2021/22-3	MO-HUE	matrix spike dup, rec	4/20/2022	Organic	Fluorene	n/a	=	100	%	EPA 8270C	-88	-88	22	124	
2021/22-3	MO-HUE	matrix spike, RPD	4/20/2022	Organic	Fluorene	n/a	=	5	%	EPA 8270C	-88	-88	0	30	
2021/22-3	MO-HUE	matrix spike	4/27/2022	Organic	Fluorene	n/a	=	17.3	µg/L	EPA 625.1	0.7	2			
2021/22-3	MO-HUE	matrix spike, rec	4/27/2022	Organic	Fluorene	n/a	=	84	%	EPA 625.1	-88	-88	59	121	
2021/22-3	MO-HUE	matrix spike dup	4/27/2022	Organic	Fluorene	n/a	=	18.5	µg/L	EPA 625.1	0.7	2			
2021/22-3	MO-HUE	matrix spike dup, rec	4/27/2022	Organic	Fluorene	n/a	=	91	%	EPA 625.1	-88	-88	59	121	
2021/22-3	MO-HUE	matrix spike, RPD	4/27/2022	Organic	Fluorene	n/a	=	7	%	EPA 625.1	-88	-88	0	30	
2021/22-3	Lab	LCS	4/27/2022	Organic	Hexachlorobenzene	n/a	=	16.7	µg/L	EPA 625.1	0.49	1			
2021/22-3	Lab	LCS, rec	4/27/2022	Organic	Hexachlorobenzene	n/a	=	84	%	EPA 625.1	-88	-88	8	142	
2021/22-3	Lab	method blank	4/28/2022	Organic	Hexachlorobenzene	n/a	<	0.49	µg/L	EPA 625.1	0.49	1			
2021/22-3	MO-HUE	matrix spike	4/27/2022	Organic	Hexachlorobenzene	n/a	=	16.3	µg/L	EPA 625.1	0.98	2			
2021/22-3	MO-HUE	matrix spike, rec	4/27/2022	Organic	Hexachlorobenzene	n/a	=	80	%	EPA 625.1	-88	-88	0.1	152	
2021/22-3	MO-HUE	matrix spike dup	4/27/2022	Organic	Hexachlorobenzene	n/a	=	17.7	µg/L	EPA 625.1	0.98	2			
2021/22-3	MO-HUE	matrix spike dup, rec	4/27/2022	Organic	Hexachlorobenzene	n/a	=	86	%	EPA 625.1	-88	-88	0.1	152	
2021/22-3	MO-HUE	matrix spike, RPD	4/27/2022	Organic	Hexachlorobenzene	n/a	=	8	%	EPA 625.1	-88	-88	0	30	
2021/22-3	Lab	LCS	4/27/2022	Organic	Hexachlorobutadiene	n/a	=	14.8	µg/L	EPA 625.1	0.47	1			
2021/22-3	Lab	LCS, rec	4/27/2022	Organic	Hexachlorobutadiene	n/a	=	74	%	EPA 625.1	-88	-88	38	120	
2021/22-3	Lab	method blank	4/28/2022	Organic	Hexachlorobutadiene	n/a	<	0.47	µg/L	EPA 625.1	0.47	1			
2021/22-3	MO-HUE	matrix spike	4/27/2022	Organic	Hexachlorobutadiene	n/a	=	14.5	µg/L	EPA 625.1	0.94	2			
2021/22-3	MO-HUE	matrix spike, rec	4/27/2022	Organic	Hexachlorobutadiene	n/a	=	71	%	EPA 625.1	-88	-88	24	120	
2021/22-3	MO-HUE	matrix spike dup	4/27/2022	Organic	Hexachlorobutadiene	n/a	=	16.8	µg/L	EPA 625.1	0.94	2			
2021/22-3	MO-HUE	matrix spike dup, rec	4/27/2022	Organic	Hexachlorobutadiene	n/a	=	82	%	EPA 625.1	-88	-88	24	120	
2021/22-3	MO-HUE	matrix spike, RPD	4/27/2022	Organic	Hexachlorobutadiene	n/a	=	15	%	EPA 625.1	-88	-88	0	30	
2021/22-3	Lab	method blank	3/31/2022	Organic	Hexachlorocyclopentadiene	n/a	<	0.092	µg/L	EPA 525.2	0.092	1			
2021/22-3	Lab	LCS	3/31/2022	Organic	Hexachlorocyclopentadiene	n/a	=	2.05	µg/L	EPA 525.2	0.092	1			
2021/22-3	Lab	LCS, rec	3/31/2022	Organic	Hexachlorocyclopentadiene	n/a	=	82	%	EPA 525.2	-88	-88	33	106	
2021/22-3	Lab	LCS dup	3/31/2022	Organic	Hexachlorocyclopentadiene	n/a	=	2.32	µg/L	EPA 525.2	0.092	1			
2021/22-3	Lab	LCS dup, rec	3/31/2022	Organic	Hexachlorocyclopentadiene	n/a	=	93	%	EPA 525.2	-88	-88	33	106	
2021/22-3	Lab	LCS, RPD	3/31/2022	Organic	Hexachlorocyclopentadiene	n/a	=	13	%	EPA 525.2	-88	-88	0	30	
2021/22-3	Lab	method blank	4/14/2022	Organic	Hexachlorocyclopentadiene	n/a	<	0.092	µg/L	EPA 525.2	0.092	1			
2021/22-3	Lab	LCS	4/14/2022	Organic	Hexachlorocyclopentadiene	n/a	=	1.5	µg/L	EPA 525.2	0.092	1			
2021/22-3	Lab	LCS, rec	4/14/2022	Organic	Hexachlorocyclopentadiene	n/a	=	60	%	EPA 525.2	-88	-88	33	106	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2021/22-3	Lab	LCS dup	4/14/2022	Organic	Hexachlorocyclopentadiene	n/a	=	1.68	µg/L	EPA 525.2	0.092	1			
2021/22-3	Lab	LCS dup, rec	4/14/2022	Organic	Hexachlorocyclopentadiene	n/a	=	67	%	EPA 525.2	-88	-88	33	106	
2021/22-3	Lab	LCS, RPD	4/14/2022	Organic	Hexachlorocyclopentadiene	n/a	=	12	%	EPA 525.2	-88	-88	0	30	
2021/22-3	Lab	LCS	4/27/2022	Organic	Hexachlorocyclopentadiene	n/a	=	8.95	µg/L	EPA 625.1	0.31	5			
2021/22-3	Lab	LCS, rec	4/27/2022	Organic	Hexachlorocyclopentadiene	n/a	=	45	%	EPA 625.1	-88	-88	10	120	
2021/22-3	Lab	method blank	4/28/2022	Organic	Hexachlorocyclopentadiene	n/a	<	0.31	µg/L	EPA 625.1	0.31	5			
2021/22-3	MO-HUE	matrix spike	4/27/2022	Organic	Hexachlorocyclopentadiene	n/a	DNQ	8.75	µg/L	EPA 625.1	0.62	10			
2021/22-3	MO-HUE	matrix spike, rec	4/27/2022	Organic	Hexachlorocyclopentadiene	n/a	=	43	%	EPA 625.1	-88	-88	10	120	
2021/22-3	MO-HUE	matrix spike dup	4/27/2022	Organic	Hexachlorocyclopentadiene	n/a	DNQ	9.7	µg/L	EPA 625.1	0.62	10			
2021/22-3	MO-HUE	matrix spike dup, rec	4/27/2022	Organic	Hexachlorocyclopentadiene	n/a	=	47	%	EPA 625.1	-88	-88	10	120	
2021/22-3	MO-HUE	matrix spike, RPD	4/27/2022	Organic	Hexachlorocyclopentadiene	n/a	=	10	%	EPA 625.1	-88	-88	0	30	
2021/22-3	Lab	LCS	4/27/2022	Organic	Hexachloroethane	n/a	=	14.7	µg/L	EPA 625.1	0.5	1			
2021/22-3	Lab	LCS, rec	4/27/2022	Organic	Hexachloroethane	n/a	=	73	%	EPA 625.1	-88	-88	55	120	
2021/22-3	Lab	method blank	4/28/2022	Organic	Hexachloroethane	n/a	<	0.5	µg/L	EPA 625.1	0.5	1			
2021/22-3	MO-HUE	matrix spike	4/27/2022	Organic	Hexachloroethane	n/a	=	14.4	µg/L	EPA 625.1	1	2			
2021/22-3	MO-HUE	matrix spike, rec	4/27/2022	Organic	Hexachloroethane	n/a	=	71	%	EPA 625.1	-88	-88	40	120	
2021/22-3	MO-HUE	matrix spike dup	4/27/2022	Organic	Hexachloroethane	n/a	=	16.6	µg/L	EPA 625.1	1	2			
2021/22-3	MO-HUE	matrix spike dup, rec	4/27/2022	Organic	Hexachloroethane	n/a	=	81	%	EPA 625.1	-88	-88	40	120	
2021/22-3	MO-HUE	matrix spike, RPD	4/27/2022	Organic	Hexachloroethane	n/a	=	14	%	EPA 625.1	-88	-88	0	30	
2021/22-3	Lab	method blank	4/20/2022	Organic	Indeno(1,2,3-cd)pyrene	n/a	<	0.065	µg/L	EPA 8270C	0.065	0.1			
2021/22-3	Lab	LCS	4/20/2022	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	20.3	µg/L	EPA 8270C	0.065	0.1			
2021/22-3	Lab	LCS, rec	4/20/2022	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	101	%	EPA 8270C	-88	-88	12	136	
2021/22-3	Lab	LCS	4/27/2022	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	18.7	µg/L	EPA 625.1	0.25	2			
2021/22-3	Lab	LCS, rec	4/27/2022	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	93	%	EPA 625.1	-88	-88	0.1	151	
2021/22-3	Lab	method blank	4/28/2022	Organic	Indeno(1,2,3-cd)pyrene	n/a	<	0.25	µg/L	EPA 625.1	0.25	2			
2021/22-3	MO-HUE	matrix spike	4/20/2022	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	21.3	µg/L	EPA 8270C	0.13	0.2			
2021/22-3	MO-HUE	matrix spike, rec	4/20/2022	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	104	%	EPA 8270C	-88	-88	16	127	
2021/22-3	MO-HUE	matrix spike dup	4/20/2022	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	21.8	µg/L	EPA 8270C	0.13	0.2			
2021/22-3	MO-HUE	matrix spike dup, rec	4/20/2022	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	107	%	EPA 8270C	-88	-88	16	127	
2021/22-3	MO-HUE	matrix spike, RPD	4/20/2022	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	3	%	EPA 8270C	-88	-88	0	30	
2021/22-3	MO-HUE	matrix spike	4/27/2022	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	20.2	µg/L	EPA 625.1	0.49	4			
2021/22-3	MO-HUE	matrix spike, rec	4/27/2022	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	99	%	EPA 625.1	-88	-88	0.1	171	
2021/22-3	MO-HUE	matrix spike dup	4/27/2022	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	20	µg/L	EPA 625.1	0.49	4			
2021/22-3	MO-HUE	matrix spike dup, rec	4/27/2022	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	98	%	EPA 625.1	-88	-88	0.1	171	
2021/22-3	MO-HUE	matrix spike, RPD	4/27/2022	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	1	%	EPA 625.1	-88	-88	0	30	
2021/22-3	Lab	LCS	4/27/2022	Organic	Isophorone	n/a	=	14.2	µg/L	EPA 625.1	0.21	1			
2021/22-3	Lab	LCS, rec	4/27/2022	Organic	Isophorone	n/a	=	71	%	EPA 625.1	-88	-88	47	180	
2021/22-3	Lab	method blank	4/28/2022	Organic	Isophorone	n/a	<	0.21	µg/L	EPA 625.1	0.21	1			
2021/22-3	MO-HUE	matrix spike	4/27/2022	Organic	Isophorone	n/a	=	15.1	µg/L	EPA 625.1	0.42	2			
2021/22-3	MO-HUE	matrix spike, rec	4/27/2022	Organic	Isophorone	n/a	=	74	%	EPA 625.1	-88	-88	21	196	
2021/22-3	MO-HUE	matrix spike dup	4/27/2022	Organic	Isophorone	n/a	=	16.5	µg/L	EPA 625.1	0.42	2			
2021/22-3	MO-HUE	matrix spike dup, rec	4/27/2022	Organic	Isophorone	n/a	=	81	%	EPA 625.1	-88	-88	21	196	
2021/22-3	MO-HUE	matrix spike, RPD	4/27/2022	Organic	Isophorone	n/a	=	9	%	EPA 625.1	-88	-88	0	30	
2021/22-3	Lab	method blank	4/20/2022	Organic	Naphthalene	n/a	<	0.026	µg/L	EPA 8270C	0.026	0.1			
2021/22-3	Lab	LCS	4/20/2022	Organic	Naphthalene	n/a	=	15.6	µg/L	EPA 8270C	0.026	0.1			
2021/22-3	Lab	LCS, rec	4/20/2022	Organic	Naphthalene	n/a	=	78	%	EPA 8270C	-88	-88	12	136	
2021/22-3	Lab	LCS	4/27/2022	Organic	Naphthalene	n/a	=	15.6	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	
2021/22-3	Lab	LCS, rec	4/27/2022	Organic	Naphthalene	n/a	=	78	%	EPA 625.1	-88	-88	36	120	
2021/22-3	Lab	method blank	4/28/2022	Organic	Naphthalene	n/a	<	0.49	µg/L	EPA 625.1	0.49	1			
2021/22-3	MO-HUE	matrix spike	4/20/2022	Organic	Naphthalene	n/a	=	16.9	µg/L	EPA 8270C	0.052	0.2			
2021/22-3	MO-HUE	matrix spike, rec	4/20/2022	Organic	Naphthalene	n/a	=	83	%	EPA 8270C	-88	-88	8	116	
2021/22-3	MO-HUE	matrix spike dup	4/20/2022	Organic	Naphthalene	n/a	=	17.9	µg/L	EPA 8270C	0.052	0.2			
2021/22-3	MO-HUE	matrix spike dup, rec	4/20/2022	Organic	Naphthalene	n/a	=	88	%	EPA 8270C	-88	-88	8	116	
2021/22-3	MO-HUE	matrix spike, RPD	4/20/2022	Organic	Naphthalene	n/a	=	6	%	EPA 8270C	-88	-88	0	30	
2021/22-3	MO-HUE	matrix spike	4/27/2022	Organic	Naphthalene	n/a	=	14.9	µg/L	EPA 625.1	0.98	2			
2021/22-3	MO-HUE	matrix spike, rec	4/27/2022	Organic	Naphthalene	n/a	=	73	%	EPA 625.1	-88	-88	21	133	
2021/22-3	MO-HUE	matrix spike dup	4/27/2022	Organic	Naphthalene	n/a	=	17.1	µg/L	EPA 625.1	0.98	2			
2021/22-3	MO-HUE	matrix spike dup, rec	4/27/2022	Organic	Naphthalene	n/a	=	83	%	EPA 625.1	-88	-88	21	133	
2021/22-3	MO-HUE	matrix spike, RPD	4/27/2022	Organic	Naphthalene	n/a	=	13	%	EPA 625.1	-88	-88	0	30	
2021/22-3	Lab	LCS	4/27/2022	Organic	Nitrobenzene	n/a	=	14.8	µg/L	EPA 625.1	0.36	1			
2021/22-3	Lab	LCS, rec	4/27/2022	Organic	Nitrobenzene	n/a	=	74	%	EPA 625.1	-88	-88	54	158	
2021/22-3	Lab	method blank	4/28/2022	Organic	Nitrobenzene	n/a	<	0.36	µg/L	EPA 625.1	0.36	1			
2021/22-3	MO-HUE	matrix spike	4/27/2022	Organic	Nitrobenzene	n/a	=	15.8	µg/L	EPA 625.1	0.72	2			
2021/22-3	MO-HUE	matrix spike, rec	4/27/2022	Organic	Nitrobenzene	n/a	=	77	%	EPA 625.1	-88	-88	35	180	
2021/22-3	MO-HUE	matrix spike dup	4/27/2022	Organic	Nitrobenzene	n/a	=	17.5	µg/L	EPA 625.1	0.72	2			
2021/22-3	MO-HUE	matrix spike dup, rec	4/27/2022	Organic	Nitrobenzene	n/a	=	85	%	EPA 625.1	-88	-88	35	180	
2021/22-3	MO-HUE	matrix spike, RPD	4/27/2022	Organic	Nitrobenzene	n/a	=	10	%	EPA 625.1	-88	-88	0	30	
2021/22-3	Lab	srgt method blank	4/20/2022	Organic	Nitrobenzene-d5	n/a	=	18.4	µg/L	EPA 8270C	-88	-88			
2021/22-3	Lab	srgt method blank, rec	4/20/2022	Organic	Nitrobenzene-d5	n/a	=	92	%	EPA 8270C	-88	-88	51	143	
2021/22-3	Lab	srgt LCS	4/20/2022	Organic	Nitrobenzene-d5	n/a	=	17.2	µg/L	EPA 8270C	-88	-88			
2021/22-3	Lab	srgt LCS, rec	4/20/2022	Organic	Nitrobenzene-d5	n/a	=	86	%	EPA 8270C	-88	-88	51	143	
2021/22-3	Lab	srgt LCS	4/27/2022	Organic	Nitrobenzene-d5	n/a	=	17.9	µg/L	EPA 625.1	-88	-88			
2021/22-3	Lab	srgt LCS, rec	4/27/2022	Organic	Nitrobenzene-d5	n/a	=	90	%	EPA 625.1	-88	-88	47	120	
2021/22-3	Lab	srgt method blank	4/28/2022	Organic	Nitrobenzene-d5	n/a	=	18.4	µg/L	EPA 625.1	-88	-88			
2021/22-3	Lab	srgt method blank, rec	4/28/2022	Organic	Nitrobenzene-d5	n/a	=	92	%	EPA 625.1	-88	-88	47	120	
2021/22-3	ME-CC	srgt environ	4/20/2022	Organic	Nitrobenzene-d5	n/a	=	10.8	µg/L	EPA 8270C	-88	-88			
2021/22-3	ME-CC	srgt environ, rec	4/20/2022	Organic	Nitrobenzene-d5	n/a	=	53	%	EPA 8270C	-88	-88	51	143	
2021/22-3	ME-CC	srgt environ	4/28/2022	Organic	Nitrobenzene-d5	n/a	=	10.8	µg/L	EPA 625.1	-88	-88			
2021/22-3	ME-CC	srgt environ, rec	4/28/2022	Organic	Nitrobenzene-d5	n/a	=	53	%	EPA 625.1	-88	-88	47	120	
2021/22-3	ME-SCR	srgt environ	4/20/2022	Organic	Nitrobenzene-d5	n/a	=	151	µg/L	EPA 8270C	-88	-88			
2021/22-3	ME-SCR	srgt environ, rec	4/20/2022	Organic	Nitrobenzene-d5	n/a	=	75	%	EPA 8270C	-88	-88	51	143	
2021/22-3	ME-SCR	srgt environ	4/28/2022	Organic	Nitrobenzene-d5	n/a	=	151	µg/L	EPA 625.1	-88	-88			
2021/22-3	ME-SCR	srgt environ, rec	4/28/2022	Organic	Nitrobenzene-d5	n/a	=	76	%	EPA 625.1	-88	-88	47	120	
2021/22-3	ME-VR2	srgt environ	4/20/2022	Organic	Nitrobenzene-d5	n/a	=	172	µg/L	EPA 8270C	-88	-88			
2021/22-3	ME-VR2	srgt environ, rec	4/20/2022	Organic	Nitrobenzene-d5	n/a	=	86	%	EPA 8270C	-88	-88	51	143	
2021/22-3	ME-VR2	srgt environ	4/28/2022	Organic	Nitrobenzene-d5	n/a	=	170	µg/L	EPA 625.1	-88	-88			
2021/22-3	ME-VR2	srgt environ, rec	4/28/2022	Organic	Nitrobenzene-d5	n/a	=	85	%	EPA 625.1	-88	-88	47	120	
2021/22-3	MO-CAM	srgt environ	4/20/2022	Organic	Nitrobenzene-d5	n/a	=	16.1	µg/L	EPA 8270C	-88	-88			
2021/22-3	MO-CAM	srgt environ, rec	4/20/2022	Organic	Nitrobenzene-d5	n/a	=	79	%	EPA 8270C	-88	-88	51	143	
2021/22-3	MO-CAM	srgt environ	4/28/2022	Organic	Nitrobenzene-d5	n/a	=	17.2	µg/L	EPA 625.1	-88	-88			
2021/22-3	MO-CAM	srgt environ, rec	4/28/2022	Organic	Nitrobenzene-d5	n/a	=	84	%	EPA 625.1	-88	-88	47	120	
2021/22-3	MO-FIL	srgt environ	4/20/2022	Organic	Nitrobenzene-d5	n/a	=	18.2	µg/L	EPA 8270C	-88	-88			
2021/22-3	MO-FIL	srgt environ, rec	4/20/2022	Organic	Nitrobenzene-d5	n/a	=	90	%	EPA 8270C	-88	-88	51	143	
2021/22-3	MO-FIL	srgt environ	4/28/2022	Organic	Nitrobenzene-d5	n/a	=	18.8	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	
2021/22-3	MO-FIL	srgt environ, rec	4/28/2022	Organic	Nitrobenzene-d5	n/a	=	93	%	EPA 625.1	-88	-88	47	120	
2021/22-3	MO-HUE	srgt matrix spike	4/20/2022	Organic	Nitrobenzene-d5	n/a	=	17.4	µg/L	EPA 8270C	-88	-88			
2021/22-3	MO-HUE	srgt matrix spike, rec	4/20/2022	Organic	Nitrobenzene-d5	n/a	=	85	%	EPA 8270C	-88	-88	51	143	
2021/22-3	MO-HUE	srgt matrix spike dup	4/20/2022	Organic	Nitrobenzene-d5	n/a	=	18.9	µg/L	EPA 8270C	-88	-88			
2021/22-3	MO-HUE	srgt matrix spike dup, rec	4/20/2022	Organic	Nitrobenzene-d5	n/a	=	92	%	EPA 8270C	-88	-88	51	143	
2021/22-3	MO-HUE	srgt environ	4/20/2022	Organic	Nitrobenzene-d5	n/a	=	18.3	µg/L	EPA 8270C	-88	-88			
2021/22-3	MO-HUE	srgt environ, rec	4/20/2022	Organic	Nitrobenzene-d5	n/a	=	90	%	EPA 8270C	-88	-88	51	143	
2021/22-3	MO-HUE	srgt matrix spike	4/27/2022	Organic	Nitrobenzene-d5	n/a	=	17.6	µg/L	EPA 625.1	-88	-88			
2021/22-3	MO-HUE	srgt matrix spike, rec	4/27/2022	Organic	Nitrobenzene-d5	n/a	=	86	%	EPA 625.1	-88	-88	47	120	
2021/22-3	MO-HUE	srgt matrix spike dup	4/27/2022	Organic	Nitrobenzene-d5	n/a	=	19.6	µg/L	EPA 625.1	-88	-88			
2021/22-3	MO-HUE	srgt matrix spike dup, rec	4/27/2022	Organic	Nitrobenzene-d5	n/a	=	96	%	EPA 625.1	-88	-88	47	120	
2021/22-3	MO-HUE	srgt environ	4/28/2022	Organic	Nitrobenzene-d5	n/a	=	19.8	µg/L	EPA 625.1	-88	-88			
2021/22-3	MO-HUE	srgt environ, rec	4/28/2022	Organic	Nitrobenzene-d5	n/a	=	97	%	EPA 625.1	-88	-88	47	120	
2021/22-3	MO-MEI	srgt environ	4/20/2022	Organic	Nitrobenzene-d5	n/a	=	16.2	µg/L	EPA 8270C	-88	-88			
2021/22-3	MO-MEI	srgt environ, rec	4/20/2022	Organic	Nitrobenzene-d5	n/a	=	79	%	EPA 8270C	-88	-88	51	143	
2021/22-3	MO-MEI	srgt environ	4/28/2022	Organic	Nitrobenzene-d5	n/a	=	16.7	µg/L	EPA 625.1	-88	-88			
2021/22-3	MO-MEI	srgt environ, rec	4/28/2022	Organic	Nitrobenzene-d5	n/a	=	82	%	EPA 625.1	-88	-88	47	120	
2021/22-3	MO-MPK	srgt environ	4/20/2022	Organic	Nitrobenzene-d5	n/a	=	13.3	µg/L	EPA 8270C	-88	-88			
2021/22-3	MO-MPK	srgt environ, rec	4/20/2022	Organic	Nitrobenzene-d5	n/a	=	66	%	EPA 8270C	-88	-88	51	143	
2021/22-3	MO-MPK	srgt environ	4/28/2022	Organic	Nitrobenzene-d5	n/a	=	13.9	µg/L	EPA 625.1	-88	-88			
2021/22-3	MO-MPK	srgt environ, rec	4/28/2022	Organic	Nitrobenzene-d5	n/a	=	69	%	EPA 625.1	-88	-88	47	120	
2021/22-3	MO-OJA	srgt environ	4/20/2022	Organic	Nitrobenzene-d5	n/a	=	15.5	µg/L	EPA 8270C	-88	-88			
2021/22-3	MO-OJA	srgt environ, rec	4/20/2022	Organic	Nitrobenzene-d5	n/a	=	76	%	EPA 8270C	-88	-88	51	143	
2021/22-3	MO-OJA	srgt environ	4/28/2022	Organic	Nitrobenzene-d5	n/a	=	17.2	µg/L	EPA 625.1	-88	-88			
2021/22-3	MO-OJA	srgt environ, rec	4/28/2022	Organic	Nitrobenzene-d5	n/a	=	84	%	EPA 625.1	-88	-88	47	120	
2021/22-3	MO-OXN	srgt environ	4/20/2022	Organic	Nitrobenzene-d5	n/a	=	17.8	µg/L	EPA 8270C	-88	-88			
2021/22-3	MO-OXN	srgt environ, rec	4/20/2022	Organic	Nitrobenzene-d5	n/a	=	87	%	EPA 8270C	-88	-88	51	143	
2021/22-3	MO-OXN	srgt environ	4/28/2022	Organic	Nitrobenzene-d5	n/a	=	18.7	µg/L	EPA 625.1	-88	-88			
2021/22-3	MO-OXN	srgt environ, rec	4/28/2022	Organic	Nitrobenzene-d5	n/a	=	91	%	EPA 625.1	-88	-88	47	120	
2021/22-3	MO-SIM	srgt environ	4/20/2022	Organic	Nitrobenzene-d5	n/a	=	16.1	µg/L	EPA 8270C	-88	-88			
2021/22-3	MO-SIM	srgt environ, rec	4/20/2022	Organic	Nitrobenzene-d5	n/a	=	80	%	EPA 8270C	-88	-88	51	143	
2021/22-3	MO-SIM	srgt environ	4/28/2022	Organic	Nitrobenzene-d5	n/a	=	17.8	µg/L	EPA 625.1	-88	-88			
2021/22-3	MO-SIM	srgt environ, rec	4/28/2022	Organic	Nitrobenzene-d5	n/a	=	88	%	EPA 625.1	-88	-88	47	120	
2021/22-3	MO-SPA	srgt environ	4/20/2022	Organic	Nitrobenzene-d5	n/a	=	17.9	µg/L	EPA 8270C	-88	-88			
2021/22-3	MO-SPA	srgt environ, rec	4/20/2022	Organic	Nitrobenzene-d5	n/a	=	87	%	EPA 8270C	-88	-88	51	143	
2021/22-3	MO-SPA	srgt environ	4/28/2022	Organic	Nitrobenzene-d5	n/a	=	19.2	µg/L	EPA 625.1	-88	-88			
2021/22-3	MO-SPA	srgt environ, rec	4/28/2022	Organic	Nitrobenzene-d5	n/a	=	93	%	EPA 625.1	-88	-88	47	120	
2021/22-3	MO-THO	srgt environ	4/20/2022	Organic	Nitrobenzene-d5	n/a	=	17	µg/L	EPA 8270C	-88	-88			
2021/22-3	MO-THO	srgt environ, rec	4/20/2022	Organic	Nitrobenzene-d5	n/a	=	84	%	EPA 8270C	-88	-88	51	143	
2021/22-3	MO-THO	srgt environ	4/28/2022	Organic	Nitrobenzene-d5	n/a	=	17.5	µg/L	EPA 625.1	-88	-88			
2021/22-3	MO-THO	srgt environ, rec	4/28/2022	Organic	Nitrobenzene-d5	n/a	=	87	%	EPA 625.1	-88	-88	47	120	
2021/22-3	MO-VEN	srgt environ	4/20/2022	Organic	Nitrobenzene-d5	n/a	=	17.8	µg/L	EPA 8270C	-88	-88			
2021/22-3	MO-VEN	srgt environ, rec	4/20/2022	Organic	Nitrobenzene-d5	n/a	=	87	%	EPA 8270C	-88	-88	51	143	
2021/22-3	MO-VEN	srgt environ	4/28/2022	Organic	Nitrobenzene-d5	n/a	=	19.6	µg/L	EPA 625.1	-88	-88			
2021/22-3	MO-VEN	srgt environ, rec	4/28/2022	Organic	Nitrobenzene-d5	n/a	=	96	%	EPA 625.1	-88	-88	47	120	
2021/22-3	Lab	LCS	4/27/2022	Organic	N-Nitrosodimethylamine	n/a	=	8.71	µg/L	EPA 625.1	0.5	1			
2021/22-3	Lab	LCS, rec	4/27/2022	Organic	N-Nitrosodimethylamine	n/a	=	44	%	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	
2021/22-3	Lab	method blank	4/28/2022	Organic	N-Nitrosodimethylamine	n/a	<	0.5	µg/L	EPA 625.1	0.5	1			
2021/22-3	MO-HUE	matrix spike	4/27/2022	Organic	N-Nitrosodimethylamine	n/a	=	9.75	µg/L	EPA 625.1	1	2			
2021/22-3	MO-HUE	matrix spike, rec	4/27/2022	Organic	N-Nitrosodimethylamine	n/a	=	48	%	EPA 625.1	-88	-88	18	120	
2021/22-3	MO-HUE	matrix spike dup	4/27/2022	Organic	N-Nitrosodimethylamine	n/a	=	9.47	µg/L	EPA 625.1	1	2			
2021/22-3	MO-HUE	matrix spike dup, rec	4/27/2022	Organic	N-Nitrosodimethylamine	n/a	=	46	%	EPA 625.1	-88	-88	18	120	
2021/22-3	MO-HUE	matrix spike, RPD	4/27/2022	Organic	N-Nitrosodimethylamine	n/a	=	3	%	EPA 625.1	-88	-88	0	30	
2021/22-3	Lab	LCS	4/27/2022	Organic	N-Nitrosodi-N-propylamine	n/a	=	16.4	µg/L	EPA 625.1	0.26	1			
2021/22-3	Lab	LCS, rec	4/27/2022	Organic	N-Nitrosodi-N-propylamine	n/a	=	82	%	EPA 625.1	-88	-88	14	198	
2021/22-3	Lab	method blank	4/28/2022	Organic	N-Nitrosodi-N-propylamine	n/a	<	0.26	µg/L	EPA 625.1	0.26	1			
2021/22-3	MO-HUE	matrix spike	4/27/2022	Organic	N-Nitrosodi-N-propylamine	n/a	=	18.2	µg/L	EPA 625.1	0.52	2			
2021/22-3	MO-HUE	matrix spike, rec	4/27/2022	Organic	N-Nitrosodi-N-propylamine	n/a	=	89	%	EPA 625.1	-88	-88	49	120	
2021/22-3	MO-HUE	matrix spike dup	4/27/2022	Organic	N-Nitrosodi-N-propylamine	n/a	=	19.5	µg/L	EPA 625.1	0.52	2			
2021/22-3	MO-HUE	matrix spike dup, rec	4/27/2022	Organic	N-Nitrosodi-N-propylamine	n/a	=	95	%	EPA 625.1	-88	-88	49	120	
2021/22-3	MO-HUE	matrix spike, RPD	4/27/2022	Organic	N-Nitrosodi-N-propylamine	n/a	=	7	%	EPA 625.1	-88	-88	0	30	
2021/22-3	Lab	LCS	4/27/2022	Organic	N-Nitrosodiphenylamine	n/a	=	13	µg/L	EPA 625.1	0.19	1			
2021/22-3	Lab	LCS, rec	4/27/2022	Organic	N-Nitrosodiphenylamine	n/a	=	65	%	EPA 625.1	-88	-88	47	120	
2021/22-3	Lab	method blank	4/28/2022	Organic	N-Nitrosodiphenylamine	n/a	<	0.19	µg/L	EPA 625.1	0.19	1			
2021/22-3	MO-HUE	matrix spike	4/27/2022	Organic	N-Nitrosodiphenylamine	n/a	=	12.1	µg/L	EPA 625.1	0.38	2			
2021/22-3	MO-HUE	matrix spike, rec	4/27/2022	Organic	N-Nitrosodiphenylamine	n/a	=	59	%	EPA 625.1	-88	-88	49	120	
2021/22-3	MO-HUE	matrix spike dup	4/27/2022	Organic	N-Nitrosodiphenylamine	n/a	=	13.1	µg/L	EPA 625.1	0.38	2			
2021/22-3	MO-HUE	matrix spike dup, rec	4/27/2022	Organic	N-Nitrosodiphenylamine	n/a	=	64	%	EPA 625.1	-88	-88	49	120	
2021/22-3	MO-HUE	matrix spike, RPD	4/27/2022	Organic	N-Nitrosodiphenylamine	n/a	=	8	%	EPA 625.1	-88	-88	0	30	
2021/22-3	Lab	srgt method blank	3/31/2022	Organic	Perylene-d12	n/a	=	4.47	µg/L	EPA 525.2	-88	-88			
2021/22-3	Lab	srgt method blank, rec	3/31/2022	Organic	Perylene-d12	n/a	=	89	%	EPA 525.2	-88	-88	50	120	
2021/22-3	Lab	srgt LCS	3/31/2022	Organic	Perylene-d12	n/a	=	4.96	µg/L	EPA 525.2	-88	-88			
2021/22-3	Lab	srgt LCS, rec	3/31/2022	Organic	Perylene-d12	n/a	=	99	%	EPA 525.2	-88	-88	50	120	
2021/22-3	Lab	srgt LCS dup	3/31/2022	Organic	Perylene-d12	n/a	=	4.91	µg/L	EPA 525.2	-88	-88			
2021/22-3	Lab	srgt LCS dup, rec	3/31/2022	Organic	Perylene-d12	n/a	=	98	%	EPA 525.2	-88	-88	50	120	
2021/22-3	Lab	srgt method blank	4/14/2022	Organic	Perylene-d12	n/a	=	4.8	µg/L	EPA 525.2	-88	-88			
2021/22-3	Lab	srgt method blank, rec	4/14/2022	Organic	Perylene-d12	n/a	=	96	%	EPA 525.2	-88	-88	50	120	
2021/22-3	Lab	srgt LCS	4/14/2022	Organic	Perylene-d12	n/a	=	4.98	µg/L	EPA 525.2	-88	-88			
2021/22-3	Lab	srgt LCS, rec	4/14/2022	Organic	Perylene-d12	n/a	=	100	%	EPA 525.2	-88	-88	50	120	
2021/22-3	Lab	srgt LCS dup	4/14/2022	Organic	Perylene-d12	n/a	=	5.02	µg/L	EPA 525.2	-88	-88			
2021/22-3	Lab	srgt LCS dup, rec	4/14/2022	Organic	Perylene-d12	n/a	=	100	%	EPA 525.2	-88	-88	50	120	
2021/22-3	ME-CC	srgt environ	4/15/2022	Organic	Perylene-d12	n/a	=	8.81	µg/L	EPA 525.2	-88	-88			
2021/22-3	ME-CC	srgt environ, rec	4/15/2022	Organic	Perylene-d12	n/a	=	88	%	EPA 525.2	-88	-88	50	120	
2021/22-3	ME-SCR	srgt environ	4/15/2022	Organic	Perylene-d12	n/a	=	9	µg/L	EPA 525.2	-88	-88			
2021/22-3	ME-SCR	srgt environ, rec	4/15/2022	Organic	Perylene-d12	n/a	=	90	%	EPA 525.2	-88	-88	50	120	
2021/22-3	ME-VR2	srgt environ	4/15/2022	Organic	Perylene-d12	n/a	=	9.47	µg/L	EPA 525.2	-88	-88			
2021/22-3	ME-VR2	srgt environ, rec	4/15/2022	Organic	Perylene-d12	n/a	=	95	%	EPA 525.2	-88	-88	50	120	
2021/22-3	MO-CAM	srgt environ	3/31/2022	Organic	Perylene-d12	n/a	=	23.1	µg/L	EPA 525.2	-88	-88			
2021/22-3	MO-CAM	srgt environ, rec	3/31/2022	Organic	Perylene-d12	n/a	=	92	%	EPA 525.2	-88	-88	50	120	
2021/22-3	MO-FIL	srgt environ	4/15/2022	Organic	Perylene-d12	n/a	=	8.89	µg/L	EPA 525.2	-88	-88			
2021/22-3	MO-FIL	srgt environ, rec	4/15/2022	Organic	Perylene-d12	n/a	=	89	%	EPA 525.2	-88	-88	50	120	
2021/22-3	MO-HUE	srgt environ	4/15/2022	Organic	Perylene-d12	n/a	=	9.42	µg/L	EPA 525.2	-88	-88			
2021/22-3	MO-HUE	srgt environ, rec	4/15/2022	Organic	Perylene-d12	n/a	=	94	%	EPA 525.2	-88	-88	50	120	
2021/22-3	MO-MEI	srgt environ	3/31/2022	Organic	Perylene-d12	n/a	=	21.9	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	
2021/22-3	MO-MEI	srgt environ, rec	3/31/2022	Organic	Perylene-d12	n/a	=	88	%	EPA 525.2	-88	-88	50	120	
2021/22-3	MO-MPK	srgt environ	4/1/2022	Organic	Perylene-d12	n/a	=	19.5	µg/L	EPA 525.2	-88	-88			
2021/22-3	MO-MPK	srgt environ, rec	4/1/2022	Organic	Perylene-d12	n/a	=	78	%	EPA 525.2	-88	-88	50	120	
2021/22-3	MO-OJA	srgt environ	3/31/2022	Organic	Perylene-d12	n/a	=	24.2	µg/L	EPA 525.2	-88	-88			
2021/22-3	MO-OJA	srgt environ, rec	3/31/2022	Organic	Perylene-d12	n/a	=	97	%	EPA 525.2	-88	-88	50	120	
2021/22-3	MO-OXN	srgt environ	4/1/2022	Organic	Perylene-d12	n/a	=	25.1	µg/L	EPA 525.2	-88	-88			
2021/22-3	MO-OXN	srgt environ, rec	4/1/2022	Organic	Perylene-d12	n/a	=	101	%	EPA 525.2	-88	-88	50	120	
2021/22-3	MO-SIM	srgt environ	4/1/2022	Organic	Perylene-d12	n/a	=	20.3	µg/L	EPA 525.2	-88	-88			
2021/22-3	MO-SIM	srgt environ, rec	4/1/2022	Organic	Perylene-d12	n/a	=	81	%	EPA 525.2	-88	-88	50	120	
2021/22-3	MO-SPA	srgt environ	4/1/2022	Organic	Perylene-d12	n/a	=	21.3	µg/L	EPA 525.2	-88	-88			
2021/22-3	MO-SPA	srgt environ, rec	4/1/2022	Organic	Perylene-d12	n/a	=	85	%	EPA 525.2	-88	-88	50	120	
2021/22-3	MO-THO	srgt environ	4/15/2022	Organic	Perylene-d12	n/a	=	8.8	µg/L	EPA 525.2	-88	-88			
2021/22-3	MO-THO	srgt environ, rec	4/15/2022	Organic	Perylene-d12	n/a	=	88	%	EPA 525.2	-88	-88	50	120	
2021/22-3	MO-VEN	srgt environ	4/15/2022	Organic	Perylene-d12	n/a	=	8.73	µg/L	EPA 525.2	-88	-88			
2021/22-3	MO-VEN	srgt environ, rec	4/15/2022	Organic	Perylene-d12	n/a	=	87	%	EPA 525.2	-88	-88	50	120	
2021/22-3	Lab	method blank	4/20/2022	Organic	Phenanthrene	n/a	<	0.029	µg/L	EPA 8270C	0.029	0.1			
2021/22-3	Lab	LCS	4/20/2022	Organic	Phenanthrene	n/a	=	15.7	µg/L	EPA 8270C	0.029	0.1			
2021/22-3	Lab	LCS, rec	4/20/2022	Organic	Phenanthrene	n/a	=	78	%	EPA 8270C	-88	-88	21	131	
2021/22-3	Lab	LCS	4/27/2022	Organic	Phenanthrene	n/a	=	16.1	µg/L	EPA 625.1	0.32	1			
2021/22-3	Lab	LCS, rec	4/27/2022	Organic	Phenanthrene	n/a	=	81	%	EPA 625.1	-88	-88	65	120	
2021/22-3	Lab	method blank	4/28/2022	Organic	Phenanthrene	n/a	<	0.32	µg/L	EPA 625.1	0.32	1			
2021/22-3	MO-HUE	matrix spike	4/20/2022	Organic	Phenanthrene	n/a	=	16.8	µg/L	EPA 8270C	0.058	0.2			
2021/22-3	MO-HUE	matrix spike, rec	4/20/2022	Organic	Phenanthrene	n/a	=	82	%	EPA 8270C	-88	-88	8	145	
2021/22-3	MO-HUE	matrix spike dup	4/20/2022	Organic	Phenanthrene	n/a	=	17.8	µg/L	EPA 8270C	0.058	0.2			
2021/22-3	MO-HUE	matrix spike dup, rec	4/20/2022	Organic	Phenanthrene	n/a	=	87	%	EPA 8270C	-88	-88	8	145	
2021/22-3	MO-HUE	matrix spike, RPD	4/20/2022	Organic	Phenanthrene	n/a	=	6	%	EPA 8270C	-88	-88	0	30	
2021/22-3	MO-HUE	matrix spike	4/27/2022	Organic	Phenanthrene	n/a	=	15.4	µg/L	EPA 625.1	0.64	2			
2021/22-3	MO-HUE	matrix spike, rec	4/27/2022	Organic	Phenanthrene	n/a	=	75	%	EPA 625.1	-88	-88	54	120	
2021/22-3	MO-HUE	matrix spike dup	4/27/2022	Organic	Phenanthrene	n/a	=	17	µg/L	EPA 625.1	0.64	2			
2021/22-3	MO-HUE	matrix spike dup, rec	4/27/2022	Organic	Phenanthrene	n/a	=	83	%	EPA 625.1	-88	-88	54	120	
2021/22-3	MO-HUE	matrix spike, RPD	4/27/2022	Organic	Phenanthrene	n/a	=	10	%	EPA 625.1	-88	-88	0	30	
2021/22-3	Lab	LCS	4/27/2022	Organic	Phenol	n/a	=	5.71	µg/L	EPA 625.1	0.81	1			
2021/22-3	Lab	LCS, rec	4/27/2022	Organic	Phenol	n/a	=	29	%	EPA 625.1	-88	-88	17	120	
2021/22-3	Lab	method blank	4/28/2022	Organic	Phenol	n/a	<	0.81	µg/L	EPA 625.1	0.81	1			
2021/22-3	Lab	method blank	4/29/2022	Organic	Phenol	n/a	<	0.35	µg/L	EPA 8270C	0.35	1			
2021/22-3	Lab	LCS	4/29/2022	Organic	Phenol	n/a	=	6.96	µg/L	EPA 8270C	0.35	1			
2021/22-3	Lab	LCS, rec	4/29/2022	Organic	Phenol	n/a	=	35	%	EPA 8270C	-88	-88	6	43	
2021/22-3	MO-HUE	matrix spike	4/27/2022	Organic	Phenol	n/a	=	5.98	µg/L	EPA 625.1	1.6	2			
2021/22-3	MO-HUE	matrix spike, rec	4/27/2022	Organic	Phenol	n/a	=	29	%	EPA 625.1	-88	-88	5	120	
2021/22-3	MO-HUE	matrix spike dup	4/27/2022	Organic	Phenol	n/a	=	6.85	µg/L	EPA 625.1	1.6	2			
2021/22-3	MO-HUE	matrix spike dup, rec	4/27/2022	Organic	Phenol	n/a	=	33	%	EPA 625.1	-88	-88	5	120	
2021/22-3	MO-HUE	matrix spike, RPD	4/27/2022	Organic	Phenol	n/a	=	14	%	EPA 625.1	-88	-88	0	30	
2021/22-3	MO-HUE	matrix spike	4/29/2022	Organic	Phenol	n/a	=	7.68	µg/L	EPA 8270C	0.7	2			
2021/22-3	MO-HUE	matrix spike, rec	4/29/2022	Organic	Phenol	n/a	=	38	%	EPA 8270C	-88	-88	5	55	
2021/22-3	MO-HUE	matrix spike dup	4/29/2022	Organic	Phenol	n/a	=	8.36	µg/L	EPA 8270C	0.7	2			
2021/22-3	MO-HUE	matrix spike dup, rec	4/29/2022	Organic	Phenol	n/a	=	41	%	EPA 8270C	-88	-88	5	55	
2021/22-3	MO-HUE	matrix spike, RPD	4/29/2022	Organic	Phenol	n/a	=	8	%	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	
2021/22-3	Lab	srgt LCS	4/27/2022	Organic	Phenol-d5	n/a	=	13.9	µg/L	EPA 625.1	-88	-88			
2021/22-3	Lab	srgt LCS, rec	4/27/2022	Organic	Phenol-d5	n/a	=	35	%	EPA 625.1	-88	-88	12	120	
2021/22-3	Lab	srgt method blank	4/28/2022	Organic	Phenol-d5	n/a	=	15.1	µg/L	EPA 625.1	-88	-88			
2021/22-3	Lab	srgt method blank, rec	4/28/2022	Organic	Phenol-d5	n/a	=	38	%	EPA 625.1	-88	-88	12	120	
2021/22-3	Lab	srgt method blank	4/29/2022	Organic	Phenol-d5	n/a	=	15.1	µg/L	EPA 8270C	-88	-88			
2021/22-3	Lab	srgt method blank, rec	4/29/2022	Organic	Phenol-d5	n/a	=	38	%	EPA 8270C	-88	-88	5	46	
2021/22-3	Lab	srgt LCS	4/29/2022	Organic	Phenol-d5	n/a	=	13.7	µg/L	EPA 8270C	-88	-88			
2021/22-3	Lab	srgt LCS, rec	4/29/2022	Organic	Phenol-d5	n/a	=	34	%	EPA 8270C	-88	-88	5	46	
2021/22-3	ME-CC	srgt environ	4/28/2022	Organic	Phenol-d5	n/a	=	11.5	µg/L	EPA 625.1	-88	-88			
2021/22-3	ME-CC	srgt environ, rec	4/28/2022	Organic	Phenol-d5	n/a	=	28	%	EPA 625.1	-88	-88	12	120	
2021/22-3	ME-CC	srgt environ	4/29/2022	Organic	Phenol-d5	n/a	=	11.6	µg/L	EPA 8270C	-88	-88			
2021/22-3	ME-CC	srgt environ, rec	4/29/2022	Organic	Phenol-d5	n/a	=	28	%	EPA 8270C	-88	-88	5	46	
2021/22-3	ME-SCR	srgt environ	4/28/2022	Organic	Phenol-d5	n/a	=	133	µg/L	EPA 625.1	-88	-88			
2021/22-3	ME-SCR	srgt environ, rec	4/28/2022	Organic	Phenol-d5	n/a	=	33	%	EPA 625.1	-88	-88	12	120	
2021/22-3	ME-SCR	srgt environ	4/29/2022	Organic	Phenol-d5	n/a	=	131	µg/L	EPA 8270C	-88	-88			
2021/22-3	ME-SCR	srgt environ, rec	4/29/2022	Organic	Phenol-d5	n/a	=	33	%	EPA 8270C	-88	-88	5	46	
2021/22-3	ME-VR2	srgt environ	4/28/2022	Organic	Phenol-d5	n/a	=	126	µg/L	EPA 625.1	-88	-88			
2021/22-3	ME-VR2	srgt environ, rec	4/28/2022	Organic	Phenol-d5	n/a	=	31	%	EPA 625.1	-88	-88	12	120	
2021/22-3	ME-VR2	srgt environ	4/29/2022	Organic	Phenol-d5	n/a	=	127	µg/L	EPA 8270C	-88	-88			
2021/22-3	ME-VR2	srgt environ, rec	4/29/2022	Organic	Phenol-d5	n/a	=	32	%	EPA 8270C	-88	-88	5	46	
2021/22-3	MO-CAM	srgt environ	4/28/2022	Organic	Phenol-d5	n/a	=	13.4	µg/L	EPA 625.1	-88	-88			
2021/22-3	MO-CAM	srgt environ, rec	4/28/2022	Organic	Phenol-d5	n/a	=	33	%	EPA 625.1	-88	-88	12	120	
2021/22-3	MO-CAM	srgt environ	4/29/2022	Organic	Phenol-d5	n/a	=	12.4	µg/L	EPA 8270C	-88	-88			
2021/22-3	MO-CAM	srgt environ, rec	4/29/2022	Organic	Phenol-d5	n/a	=	30	%	EPA 8270C	-88	-88	5	46	
2021/22-3	MO-FIL	srgt environ	4/28/2022	Organic	Phenol-d5	n/a	=	15.7	µg/L	EPA 625.1	-88	-88			
2021/22-3	MO-FIL	srgt environ, rec	4/28/2022	Organic	Phenol-d5	n/a	=	39	%	EPA 625.1	-88	-88	12	120	
2021/22-3	MO-FIL	srgt environ	4/29/2022	Organic	Phenol-d5	n/a	=	14.3	µg/L	EPA 8270C	-88	-88			
2021/22-3	MO-FIL	srgt environ, rec	4/29/2022	Organic	Phenol-d5	n/a	=	35	%	EPA 8270C	-88	-88	5	46	
2021/22-3	MO-HUE	srgt matrix spike	4/27/2022	Organic	Phenol-d5	n/a	=	14.4	µg/L	EPA 625.1	-88	-88			
2021/22-3	MO-HUE	srgt matrix spike, rec	4/27/2022	Organic	Phenol-d5	n/a	=	35	%	EPA 625.1	-88	-88	12	120	
2021/22-3	MO-HUE	srgt matrix spike dup	4/27/2022	Organic	Phenol-d5	n/a	=	16.2	µg/L	EPA 625.1	-88	-88			
2021/22-3	MO-HUE	srgt matrix spike dup, rec	4/27/2022	Organic	Phenol-d5	n/a	=	40	%	EPA 625.1	-88	-88	12	120	
2021/22-3	MO-HUE	srgt environ	4/28/2022	Organic	Phenol-d5	n/a	=	15.2	µg/L	EPA 625.1	-88	-88			
2021/22-3	MO-HUE	srgt environ, rec	4/28/2022	Organic	Phenol-d5	n/a	=	37	%	EPA 625.1	-88	-88	12	120	
2021/22-3	MO-HUE	srgt matrix spike	4/29/2022	Organic	Phenol-d5	n/a	=	14.5	µg/L	EPA 8270C	-88	-88			
2021/22-3	MO-HUE	srgt matrix spike, rec	4/29/2022	Organic	Phenol-d5	n/a	=	36	%	EPA 8270C	-88	-88	5	46	
2021/22-3	MO-HUE	srgt matrix spike dup	4/29/2022	Organic	Phenol-d5	n/a	=	15.9	µg/L	EPA 8270C	-88	-88			
2021/22-3	MO-HUE	srgt matrix spike dup, rec	4/29/2022	Organic	Phenol-d5	n/a	=	39	%	EPA 8270C	-88	-88	5	46	
2021/22-3	MO-HUE	srgt environ	4/29/2022	Organic	Phenol-d5	n/a	=	14.1	µg/L	EPA 8270C	-88	-88			
2021/22-3	MO-HUE	srgt environ, rec	4/29/2022	Organic	Phenol-d5	n/a	=	34	%	EPA 8270C	-88	-88	5	46	
2021/22-3	MO-MEI	srgt environ	4/28/2022	Organic	Phenol-d5	n/a	=	12.3	µg/L	EPA 625.1	-88	-88			
2021/22-3	MO-MEI	srgt environ, rec	4/28/2022	Organic	Phenol-d5	n/a	=	30	%	EPA 625.1	-88	-88	12	120	
2021/22-3	MO-MEI	srgt environ	4/29/2022	Organic	Phenol-d5	n/a	=	12.2	µg/L	EPA 8270C	-88	-88			
2021/22-3	MO-MEI	srgt environ, rec	4/29/2022	Organic	Phenol-d5	n/a	=	30	%	EPA 8270C	-88	-88	5	46	
2021/22-3	MO-MPK	srgt environ	4/28/2022	Organic	Phenol-d5	n/a	=	12.7	µg/L	EPA 625.1	-88	-88			
2021/22-3	MO-MPK	srgt environ, rec	4/28/2022	Organic	Phenol-d5	n/a	=	31	%	EPA 625.1	-88	-88	12	120	
2021/22-3	MO-MPK	srgt environ	4/29/2022	Organic	Phenol-d5	n/a	=	11.8	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	
2021/22-3	MO-MPK	srqt environ, rec	4/29/2022	Organic	Phenol-d5	n/a	=	29	%	EPA 8270C	-88	-88	5	46	
2021/22-3	MO-OJA	srqt environ	4/28/2022	Organic	Phenol-d5	n/a	=	12.9	µg/L	EPA 625.1	-88	-88			
2021/22-3	MO-OJA	srqt environ, rec	4/28/2022	Organic	Phenol-d5	n/a	=	32	%	EPA 625.1	-88	-88	12	120	
2021/22-3	MO-OJA	srqt environ	4/29/2022	Organic	Phenol-d5	n/a	=	12.2	µg/L	EPA 8270C	-88	-88			
2021/22-3	MO-OJA	srqt environ, rec	4/29/2022	Organic	Phenol-d5	n/a	=	30	%	EPA 8270C	-88	-88	5	46	
2021/22-3	MO-OXN	srqt environ	4/28/2022	Organic	Phenol-d5	n/a	=	13.3	µg/L	EPA 625.1	-88	-88			
2021/22-3	MO-OXN	srqt environ, rec	4/28/2022	Organic	Phenol-d5	n/a	=	32	%	EPA 625.1	-88	-88	12	120	
2021/22-3	MO-OXN	srqt environ	4/29/2022	Organic	Phenol-d5	n/a	=	12.4	µg/L	EPA 8270C	-88	-88			
2021/22-3	MO-OXN	srqt environ, rec	4/29/2022	Organic	Phenol-d5	n/a	=	30	%	EPA 8270C	-88	-88	5	46	
2021/22-3	MO-SIM	srqt environ	4/28/2022	Organic	Phenol-d5	n/a	=	12.5	µg/L	EPA 625.1	-88	-88			
2021/22-3	MO-SIM	srqt environ, rec	4/28/2022	Organic	Phenol-d5	n/a	=	31	%	EPA 625.1	-88	-88	12	120	
2021/22-3	MO-SIM	srqt environ	4/29/2022	Organic	Phenol-d5	n/a	=	10.7	µg/L	EPA 8270C	-88	-88			
2021/22-3	MO-SIM	srqt environ, rec	4/29/2022	Organic	Phenol-d5	n/a	=	26	%	EPA 8270C	-88	-88	5	46	
2021/22-3	MO-SPA	srqt environ	4/28/2022	Organic	Phenol-d5	n/a	=	15.8	µg/L	EPA 625.1	-88	-88			
2021/22-3	MO-SPA	srqt environ, rec	4/28/2022	Organic	Phenol-d5	n/a	=	38	%	EPA 625.1	-88	-88	12	120	
2021/22-3	MO-SPA	srqt environ	4/29/2022	Organic	Phenol-d5	n/a	=	13.3	µg/L	EPA 8270C	-88	-88			
2021/22-3	MO-SPA	srqt environ, rec	4/29/2022	Organic	Phenol-d5	n/a	=	32	%	EPA 8270C	-88	-88	5	46	
2021/22-3	MO-THO	srqt environ	4/28/2022	Organic	Phenol-d5	n/a	=	14.4	µg/L	EPA 625.1	-88	-88			
2021/22-3	MO-THO	srqt environ, rec	4/28/2022	Organic	Phenol-d5	n/a	=	36	%	EPA 625.1	-88	-88	12	120	
2021/22-3	MO-THO	srqt environ	4/29/2022	Organic	Phenol-d5	n/a	=	13.5	µg/L	EPA 8270C	-88	-88			
2021/22-3	MO-THO	srqt environ, rec	4/29/2022	Organic	Phenol-d5	n/a	=	33	%	EPA 8270C	-88	-88	5	46	
2021/22-3	MO-VEN	srqt environ	4/28/2022	Organic	Phenol-d5	n/a	=	14	µg/L	EPA 625.1	-88	-88			
2021/22-3	MO-VEN	srqt environ, rec	4/28/2022	Organic	Phenol-d5	n/a	=	34	%	EPA 625.1	-88	-88	12	120	
2021/22-3	MO-VEN	srqt environ	4/29/2022	Organic	Phenol-d5	n/a	=	13.2	µg/L	EPA 8270C	-88	-88			
2021/22-3	MO-VEN	srqt environ, rec	4/29/2022	Organic	Phenol-d5	n/a	=	32	%	EPA 8270C	-88	-88	5	46	
2021/22-3	Lab	srqt method blank	4/20/2022	Organic	p-Terphenyl-d14	n/a	=	22.8	µg/L	EPA 8270C	-88	-88			
2021/22-3	Lab	srqt method blank, rec	4/20/2022	Organic	p-Terphenyl-d14	n/a	=	114	%	EPA 8270C	-88	-88	19	134	
2021/22-3	Lab	srqt LCS	4/20/2022	Organic	p-Terphenyl-d14	n/a	=	19.6	µg/L	EPA 8270C	-88	-88			
2021/22-3	Lab	srqt LCS, rec	4/20/2022	Organic	p-Terphenyl-d14	n/a	=	98	%	EPA 8270C	-88	-88	19	134	
2021/22-3	Lab	srqt LCS	4/27/2022	Organic	p-Terphenyl-d14	n/a	=	20	µg/L	EPA 625.1	-88	-88			
2021/22-3	Lab	srqt LCS, rec	4/27/2022	Organic	p-Terphenyl-d14	n/a	=	100	%	EPA 625.1	-88	-88	44	129	
2021/22-3	Lab	srqt method blank	4/28/2022	Organic	p-Terphenyl-d14	n/a	=	22.7	µg/L	EPA 625.1	-88	-88			
2021/22-3	Lab	srqt method blank, rec	4/28/2022	Organic	p-Terphenyl-d14	n/a	=	114	%	EPA 625.1	-88	-88	44	129	
2021/22-3	ME-CC	srqt environ	4/20/2022	Organic	p-Terphenyl-d14	n/a	=	13.8	µg/L	EPA 8270C	-88	-88			
2021/22-3	ME-CC	srqt environ, rec	4/20/2022	Organic	p-Terphenyl-d14	n/a	=	67	%	EPA 8270C	-88	-88	19	134	
2021/22-3	ME-CC	srqt environ	4/28/2022	Organic	p-Terphenyl-d14	n/a	=	13.4	µg/L	EPA 625.1	-88	-88			
2021/22-3	ME-CC	srqt environ, rec	4/28/2022	Organic	p-Terphenyl-d14	n/a	=	65	%	EPA 625.1	-88	-88	44	129	
2021/22-3	ME-SCR	srqt environ	4/20/2022	Organic	p-Terphenyl-d14	n/a	=	183	µg/L	EPA 8270C	-88	-88			
2021/22-3	ME-SCR	srqt environ, rec	4/20/2022	Organic	p-Terphenyl-d14	n/a	=	91	%	EPA 8270C	-88	-88	19	134	
2021/22-3	ME-SCR	srqt environ	4/28/2022	Organic	p-Terphenyl-d14	n/a	=	189	µg/L	EPA 625.1	-88	-88			
2021/22-3	ME-SCR	srqt environ, rec	4/28/2022	Organic	p-Terphenyl-d14	n/a	=	95	%	EPA 625.1	-88	-88	44	129	
2021/22-3	ME-VR2	srqt environ	4/20/2022	Organic	p-Terphenyl-d14	n/a	=	202	µg/L	EPA 8270C	-88	-88			
2021/22-3	ME-VR2	srqt environ, rec	4/20/2022	Organic	p-Terphenyl-d14	n/a	=	101	%	EPA 8270C	-88	-88	19	134	
2021/22-3	ME-VR2	srqt environ	4/28/2022	Organic	p-Terphenyl-d14	n/a	=	188	µg/L	EPA 625.1	-88	-88			
2021/22-3	ME-VR2	srqt environ, rec	4/28/2022	Organic	p-Terphenyl-d14	n/a	=	94	%	EPA 625.1	-88	-88	44	129	
2021/22-3	MO-CAM	srqt environ	4/20/2022	Organic	p-Terphenyl-d14	n/a	=	22.8	µg/L	EPA 8270C	-88	-88			
2021/22-3	MO-CAM	srqt environ, rec	4/20/2022	Organic	p-Terphenyl-d14	n/a	=	112	%	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	
2021/22-3	MO-CAM	srgt environ	4/28/2022	Organic	p-Terphenyl-d14	n/a	=	23.6	µg/L	EPA 625.1	-88	-88			
2021/22-3	MO-CAM	srgt environ, rec	4/28/2022	Organic	p-Terphenyl-d14	n/a	=	116	%	EPA 625.1	-88	-88	44	129	
2021/22-3	MO-FIL	srgt environ	4/20/2022	Organic	p-Terphenyl-d14	n/a	=	23.4	µg/L	EPA 8270C	-88	-88			
2021/22-3	MO-FIL	srgt environ, rec	4/20/2022	Organic	p-Terphenyl-d14	n/a	=	116	%	EPA 8270C	-88	-88	19	134	
2021/22-3	MO-FIL	srgt environ	4/28/2022	Organic	p-Terphenyl-d14	n/a	=	20.2	µg/L	EPA 625.1	-88	-88			
2021/22-3	MO-FIL	srgt environ, rec	4/28/2022	Organic	p-Terphenyl-d14	n/a	=	100	%	EPA 625.1	-88	-88	44	129	
2021/22-3	MO-HUE	srgt matrix spike	4/20/2022	Organic	p-Terphenyl-d14	n/a	=	20.3	µg/L	EPA 8270C	-88	-88			
2021/22-3	MO-HUE	srgt matrix spike, rec	4/20/2022	Organic	p-Terphenyl-d14	n/a	=	99	%	EPA 8270C	-88	-88	19	134	
2021/22-3	MO-HUE	srgt matrix spike dup	4/20/2022	Organic	p-Terphenyl-d14	n/a	=	21.7	µg/L	EPA 8270C	-88	-88			
2021/22-3	MO-HUE	srgt matrix spike dup, rec	4/20/2022	Organic	p-Terphenyl-d14	n/a	=	106	%	EPA 8270C	-88	-88	19	134	
2021/22-3	MO-HUE	srgt environ	4/20/2022	Organic	p-Terphenyl-d14	n/a	=	22.5	µg/L	EPA 8270C	-88	-88			
2021/22-3	MO-HUE	srgt environ, rec	4/20/2022	Organic	p-Terphenyl-d14	n/a	=	110	%	EPA 8270C	-88	-88	19	134	
2021/22-3	MO-HUE	srgt matrix spike	4/27/2022	Organic	p-Terphenyl-d14	n/a	=	20.2	µg/L	EPA 625.1	-88	-88			
2021/22-3	MO-HUE	srgt matrix spike, rec	4/27/2022	Organic	p-Terphenyl-d14	n/a	=	99	%	EPA 625.1	-88	-88	44	129	
2021/22-3	MO-HUE	srgt matrix spike dup	4/27/2022	Organic	p-Terphenyl-d14	n/a	=	21.4	µg/L	EPA 625.1	-88	-88			
2021/22-3	MO-HUE	srgt matrix spike dup, rec	4/27/2022	Organic	p-Terphenyl-d14	n/a	=	105	%	EPA 625.1	-88	-88	44	129	
2021/22-3	MO-HUE	srgt environ	4/28/2022	Organic	p-Terphenyl-d14	n/a	=	21.9	µg/L	EPA 625.1	-88	-88			
2021/22-3	MO-HUE	srgt environ, rec	4/28/2022	Organic	p-Terphenyl-d14	n/a	=	107	%	EPA 625.1	-88	-88	44	129	
2021/22-3	MO-MEI	srgt environ	4/20/2022	Organic	p-Terphenyl-d14	n/a	=	20.3	µg/L	EPA 8270C	-88	-88			
2021/22-3	MO-MEI	srgt environ, rec	4/20/2022	Organic	p-Terphenyl-d14	n/a	=	99	%	EPA 8270C	-88	-88	19	134	
2021/22-3	MO-MEI	srgt environ	4/28/2022	Organic	p-Terphenyl-d14	n/a	=	18.6	µg/L	EPA 625.1	-88	-88			
2021/22-3	MO-MEI	srgt environ, rec	4/28/2022	Organic	p-Terphenyl-d14	n/a	=	91	%	EPA 625.1	-88	-88	44	129	
2021/22-3	MO-MPK	srgt environ	4/20/2022	Organic	p-Terphenyl-d14	n/a	=	16.3	µg/L	EPA 8270C	-88	-88			
2021/22-3	MO-MPK	srgt environ, rec	4/20/2022	Organic	p-Terphenyl-d14	n/a	=	80	%	EPA 8270C	-88	-88	19	134	
2021/22-3	MO-MPK	srgt environ	4/28/2022	Organic	p-Terphenyl-d14	n/a	=	15.6	µg/L	EPA 625.1	-88	-88			
2021/22-3	MO-MPK	srgt environ, rec	4/28/2022	Organic	p-Terphenyl-d14	n/a	=	77	%	EPA 625.1	-88	-88	44	129	
2021/22-3	MO-OJA	srgt environ	4/20/2022	Organic	p-Terphenyl-d14	n/a	=	21	µg/L	EPA 8270C	-88	-88			
2021/22-3	MO-OJA	srgt environ, rec	4/20/2022	Organic	p-Terphenyl-d14	n/a	=	103	%	EPA 8270C	-88	-88	19	134	
2021/22-3	MO-OJA	srgt environ	4/28/2022	Organic	p-Terphenyl-d14	n/a	=	21.8	µg/L	EPA 625.1	-88	-88			
2021/22-3	MO-OJA	srgt environ, rec	4/28/2022	Organic	p-Terphenyl-d14	n/a	=	107	%	EPA 625.1	-88	-88	44	129	
2021/22-3	MO-OXN	srgt environ	4/20/2022	Organic	p-Terphenyl-d14	n/a	=	23.1	µg/L	EPA 8270C	-88	-88			
2021/22-3	MO-OXN	srgt environ, rec	4/20/2022	Organic	p-Terphenyl-d14	n/a	=	112	%	EPA 8270C	-88	-88	19	134	
2021/22-3	MO-OXN	srgt environ	4/28/2022	Organic	p-Terphenyl-d14	n/a	=	22.6	µg/L	EPA 625.1	-88	-88			
2021/22-3	MO-OXN	srgt environ, rec	4/28/2022	Organic	p-Terphenyl-d14	n/a	=	110	%	EPA 625.1	-88	-88	44	129	
2021/22-3	MO-SIM	srgt environ	4/20/2022	Organic	p-Terphenyl-d14	n/a	=	19.2	µg/L	EPA 8270C	-88	-88			
2021/22-3	MO-SIM	srgt environ, rec	4/20/2022	Organic	p-Terphenyl-d14	n/a	=	95	%	EPA 8270C	-88	-88	19	134	
2021/22-3	MO-SIM	srgt environ	4/28/2022	Organic	p-Terphenyl-d14	n/a	=	18.9	µg/L	EPA 625.1	-88	-88			
2021/22-3	MO-SIM	srgt environ, rec	4/28/2022	Organic	p-Terphenyl-d14	n/a	=	94	%	EPA 625.1	-88	-88	44	129	
2021/22-3	MO-SPA	srgt environ	4/20/2022	Organic	p-Terphenyl-d14	n/a	=	23.2	µg/L	EPA 8270C	-88	-88			
2021/22-3	MO-SPA	srgt environ, rec	4/20/2022	Organic	p-Terphenyl-d14	n/a	=	113	%	EPA 8270C	-88	-88	19	134	
2021/22-3	MO-SPA	srgt environ	4/28/2022	Organic	p-Terphenyl-d14	n/a	=	22.8	µg/L	EPA 625.1	-88	-88			
2021/22-3	MO-SPA	srgt environ, rec	4/28/2022	Organic	p-Terphenyl-d14	n/a	=	111	%	EPA 625.1	-88	-88	44	129	
2021/22-3	MO-THO	srgt environ	4/20/2022	Organic	p-Terphenyl-d14	n/a	=	20.7	µg/L	EPA 8270C	-88	-88			
2021/22-3	MO-THO	srgt environ, rec	4/20/2022	Organic	p-Terphenyl-d14	n/a	=	102	%	EPA 8270C	-88	-88	19	134	
2021/22-3	MO-THO	srgt environ	4/28/2022	Organic	p-Terphenyl-d14	n/a	=	20.3	µg/L	EPA 625.1	-88	-88			
2021/22-3	MO-THO	srgt environ, rec	4/28/2022	Organic	p-Terphenyl-d14	n/a	=	100	%	EPA 625.1	-88	-88	44	129	
2021/22-3	MO-VEN	srgt environ	4/20/2022	Organic	p-Terphenyl-d14	n/a	=	22.3	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	
2021/22-3	MO-VEN	srgt environ, rec	4/20/2022	Organic	p-Terphenyl-d14	n/a	=	109	%	EPA 8270C	-88	-88	19	134	
2021/22-3	MO-VEN	srgt environ	4/28/2022	Organic	p-Terphenyl-d14	n/a	=	23.5	µg/L	EPA 625.1	-88	-88			
2021/22-3	MO-VEN	srgt environ, rec	4/28/2022	Organic	p-Terphenyl-d14	n/a	=	115	%	EPA 625.1	-88	-88	44	129	
2021/22-3	Lab	method blank	4/20/2022	Organic	Pyrene	n/a	<	0.04	µg/L	EPA 8270C	0.04	0.1			
2021/22-3	Lab	LCS	4/20/2022	Organic	Pyrene	n/a	=	16.8	µg/L	EPA 8270C	0.04	0.1			
2021/22-3	Lab	LCS, rec	4/20/2022	Organic	Pyrene	n/a	=	84	%	EPA 8270C	-88	-88	26	128	
2021/22-3	Lab	LCS	4/27/2022	Organic	Pyrene	n/a	=	17.5	µg/L	EPA 625.1	0.25	1			
2021/22-3	Lab	LCS, rec	4/27/2022	Organic	Pyrene	n/a	=	88	%	EPA 625.1	-88	-88	70	120	
2021/22-3	Lab	method blank	4/28/2022	Organic	Pyrene	n/a	<	0.25	µg/L	EPA 625.1	0.25	1			
2021/22-3	MO-HUE	matrix spike	4/20/2022	Organic	Pyrene	n/a	=	18.5	µg/L	EPA 8270C	0.08	0.2			
2021/22-3	MO-HUE	matrix spike, rec	4/20/2022	Organic	Pyrene	n/a	=	91	%	EPA 8270C	-88	-88	15	130	
2021/22-3	MO-HUE	matrix spike dup	4/20/2022	Organic	Pyrene	n/a	=	19.6	µg/L	EPA 8270C	0.08	0.2			
2021/22-3	MO-HUE	matrix spike dup, rec	4/20/2022	Organic	Pyrene	n/a	=	96	%	EPA 8270C	-88	-88	15	130	
2021/22-3	MO-HUE	matrix spike, RPD	4/20/2022	Organic	Pyrene	n/a	=	5	%	EPA 8270C	-88	-88	0	30	
2021/22-3	MO-HUE	matrix spike	4/27/2022	Organic	Pyrene	n/a	=	17.2	µg/L	EPA 625.1	0.5	2			
2021/22-3	MO-HUE	matrix spike, rec	4/27/2022	Organic	Pyrene	n/a	=	84	%	EPA 625.1	-88	-88	52	120	
2021/22-3	MO-HUE	matrix spike dup	4/27/2022	Organic	Pyrene	n/a	=	18.8	µg/L	EPA 625.1	0.5	2			
2021/22-3	MO-HUE	matrix spike dup, rec	4/27/2022	Organic	Pyrene	n/a	=	92	%	EPA 625.1	-88	-88	52	120	
2021/22-3	MO-HUE	matrix spike, RPD	4/27/2022	Organic	Pyrene	n/a	=	9	%	EPA 625.1	-88	-88	0	30	
2021/22-3	Lab	srgt method blank	4/9/2022	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.068	µg/L	EPA 608.3	-88	-88			
2021/22-3	Lab	srgt method blank, rec	4/9/2022	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	68	%	EPA 608.3	-88	-88	32	130	
2021/22-3	Lab	srgt LCS	4/9/2022	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0608	µg/L	EPA 608.3	-88	-88			
2021/22-3	Lab	srgt LCS, rec	4/9/2022	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	61	%	EPA 608.3	-88	-88	32	130	
2021/22-3	Lab	srgt LCS dup	4/9/2022	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0681	µg/L	EPA 608.3	-88	-88			
2021/22-3	Lab	srgt LCS dup, rec	4/9/2022	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	68	%	EPA 608.3	-88	-88	32	130	
2021/22-3	ME-CC	srgt environ	4/9/2022	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.055	µg/L	EPA 608.3	-88	-88			
2021/22-3	ME-CC	srgt environ, rec	4/9/2022	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	54	%	EPA 608.3	-88	-88	32	130	
2021/22-3	ME-SCR	srgt environ	4/10/2022	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.563	µg/L	EPA 608.3	-88	-88			
2021/22-3	ME-SCR	srgt environ, rec	4/10/2022	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	56	%	EPA 608.3	-88	-88	32	130	
2021/22-3	ME-VR2	srgt environ	4/10/2022	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.72	µg/L	EPA 608.3	-88	-88			
2021/22-3	ME-VR2	srgt environ, rec	4/10/2022	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	72	%	EPA 608.3	-88	-88	32	130	
2021/22-3	MO-CAM	srgt environ	4/10/2022	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0518	µg/L	EPA 608.3	-88	-88			
2021/22-3	MO-CAM	srgt environ, rec	4/10/2022	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	51	%	EPA 608.3	-88	-88	32	130	
2021/22-3	MO-FIL	srgt environ	4/10/2022	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0517	µg/L	EPA 608.3	-88	-88			
2021/22-3	MO-FIL	srgt environ, rec	4/10/2022	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	51	%	EPA 608.3	-88	-88	32	130	
2021/22-3	MO-HUE	srgt environ	4/10/2022	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0631	µg/L	EPA 608.3	-88	-88			
2021/22-3	MO-HUE	srgt environ, rec	4/10/2022	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	62	%	EPA 608.3	-88	-88	32	130	
2021/22-3	MO-MEI	srgt environ	4/10/2022	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0551	µg/L	EPA 608.3	-88	-88			
2021/22-3	MO-MEI	srgt environ, rec	4/10/2022	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	54	%	EPA 608.3	-88	-88	32	130	
2021/22-3	MO-MPK	srgt environ	4/10/2022	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0525	µg/L	EPA 608.3	-88	-88			
2021/22-3	MO-MPK	srgt environ, rec	4/10/2022	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	52	%	EPA 608.3	-88	-88	32	130	
2021/22-3	MO-OJA	srgt environ	4/10/2022	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0434	µg/L	EPA 608.3	-88	-88			
2021/22-3	MO-OJA	srgt environ, rec	4/10/2022	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	42	%	EPA 608.3	-88	-88	32	130	
2021/22-3	MO-oxn	srgt environ	4/10/2022	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0599	µg/L	EPA 608.3	-88	-88			
2021/22-3	MO-oxn	srgt environ, rec	4/10/2022	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	59	%	EPA 608.3	-88	-88	32	130	
2021/22-3	MO-SIM	srgt environ	4/10/2022	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0529	µg/L	EPA 608.3	-88	-88			
2021/22-3	MO-SIM	srgt environ, rec	4/10/2022	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	52	%	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	
2021/22-3	MO-SPA	srgt environ	4/10/2022	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0586	µg/L	EPA 608.3	-88	-88			
2021/22-3	MO-SPA	srgt environ, rec	4/10/2022	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	57	%	EPA 608.3	-88	-88	32	130	
2021/22-3	MO-THO	srgt environ	4/10/2022	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0549	µg/L	EPA 608.3	-88	-88			
2021/22-3	MO-THO	srgt environ, rec	4/10/2022	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	54	%	EPA 608.3	-88	-88	32	130	
2021/22-3	MO-VEN	srgt environ	4/10/2022	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0493	µg/L	EPA 608.3	-88	-88			
2021/22-3	MO-VEN	srgt environ, rec	4/10/2022	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	48	%	EPA 608.3	-88	-88	32	130	
2021/22-3	Lab	srgt method blank	3/31/2022	Organic	Triphenylphosphate	n/a	=	5.15	µg/L	EPA 525.2	-88	-88			
2021/22-3	Lab	srgt method blank, rec	3/31/2022	Organic	Triphenylphosphate	n/a	=	103	%	EPA 525.2	-88	-88	70	130	
2021/22-3	Lab	srgt LCS	3/31/2022	Organic	Triphenylphosphate	n/a	=	6.36	µg/L	EPA 525.2	-88	-88			
2021/22-3	Lab	srgt LCS, rec	3/31/2022	Organic	Triphenylphosphate	n/a	=	127	%	EPA 525.2	-88	-88	70	130	
2021/22-3	Lab	srgt LCS dup	3/31/2022	Organic	Triphenylphosphate	n/a	=	6.37	µg/L	EPA 525.2	-88	-88			
2021/22-3	Lab	srgt LCS dup, rec	3/31/2022	Organic	Triphenylphosphate	n/a	=	127	%	EPA 525.2	-88	-88	70	130	
2021/22-3	Lab	srgt LCS	4/1/2022	Organic	Triphenylphosphate	n/a	=	0.551	µg/L	EPA 625.1m	-88	-88			
2021/22-3	Lab	srgt LCS, rec	4/1/2022	Organic	Triphenylphosphate	n/a	=	110	%	EPA 625.1m	-88	-88	40	200	
2021/22-3	Lab	srgt method blank	4/1/2022	Organic	Triphenylphosphate	n/a	=	0.55	µg/L	EPA 625.1m	-88	-88			
2021/22-3	Lab	srgt method blank, rec	4/1/2022	Organic	Triphenylphosphate	n/a	=	110	%	EPA 625.1m	-88	-88	40	200	
2021/22-3	Lab	srgt LCS	4/7/2022	Organic	Triphenylphosphate	n/a	=	0.572	µg/L	EPA 625.1m	-88	-88			
2021/22-3	Lab	srgt LCS, rec	4/7/2022	Organic	Triphenylphosphate	n/a	=	114	%	EPA 625.1m	-88	-88	40	200	
2021/22-3	Lab	srgt method blank	4/8/2022	Organic	Triphenylphosphate	n/a	=	0.563	µg/L	EPA 625.1m	-88	-88			
2021/22-3	Lab	srgt method blank, rec	4/8/2022	Organic	Triphenylphosphate	n/a	=	113	%	EPA 625.1m	-88	-88	40	200	
2021/22-3	Lab	srgt method blank	4/14/2022	Organic	Triphenylphosphate	n/a	=	5.23	µg/L	EPA 525.2	-88	-88			
2021/22-3	Lab	srgt method blank, rec	4/14/2022	Organic	Triphenylphosphate	n/a	=	105	%	EPA 525.2	-88	-88	70	130	
2021/22-3	Lab	srgt LCS	4/14/2022	Organic	Triphenylphosphate	n/a	=	6.26	µg/L	EPA 525.2	-88	-88			
2021/22-3	Lab	srgt LCS, rec	4/14/2022	Organic	Triphenylphosphate	n/a	=	125	%	EPA 525.2	-88	-88	70	130	
2021/22-3	Lab	srgt LCS dup	4/14/2022	Organic	Triphenylphosphate	n/a	=	6.25	µg/L	EPA 525.2	-88	-88			
2021/22-3	Lab	srgt LCS dup, rec	4/14/2022	Organic	Triphenylphosphate	n/a	=	125	%	EPA 525.2	-88	-88	70	130	
2021/22-3	ME-CC	srgt matrix spike	4/1/2022	Organic	Triphenylphosphate	n/a	=	1.83	µg/L	EPA 625.1m	-88	-88			
2021/22-3	ME-CC	srgt matrix spike, rec	4/1/2022	Organic	Triphenylphosphate	n/a	=	183	%	EPA 625.1m	-88	-88	40	200	
2021/22-3	ME-CC	srgt matrix spike dup	4/1/2022	Organic	Triphenylphosphate	n/a	=	1.68	µg/L	EPA 625.1m	-88	-88			
2021/22-3	ME-CC	srgt matrix spike dup, rec	4/1/2022	Organic	Triphenylphosphate	n/a	=	168	%	EPA 625.1m	-88	-88	40	200	
2021/22-3	ME-CC	srgt environ	4/1/2022	Organic	Triphenylphosphate	n/a	=	1.96	µg/L	EPA 625.1m	-88	-88			
2021/22-3	ME-CC	srgt environ, rec	4/1/2022	Organic	Triphenylphosphate	n/a	=	196	%	EPA 625.1m	-88	-88	40	200	
2021/22-3	ME-CC	srgt environ	4/15/2022	Organic	Triphenylphosphate	n/a	=	11.9	µg/L	EPA 525.2	-88	-88			
2021/22-3	ME-CC	srgt environ, rec	4/15/2022	Organic	Triphenylphosphate	n/a	=	119	%	EPA 525.2	-88	-88	70	130	
2021/22-3	ME-SCR	srgt environ	4/1/2022	Organic	Triphenylphosphate	n/a	=	1.33	µg/L	EPA 625.1m	-88	-88			
2021/22-3	ME-SCR	srgt environ, rec	4/1/2022	Organic	Triphenylphosphate	n/a	=	133	%	EPA 625.1m	-88	-88	40	200	
2021/22-3	ME-SCR	srgt environ	4/15/2022	Organic	Triphenylphosphate	n/a	=	12.4	µg/L	EPA 525.2	-88	-88			
2021/22-3	ME-SCR	srgt environ, rec	4/15/2022	Organic	Triphenylphosphate	n/a	=	124	%	EPA 525.2	-88	-88	70	130	
2021/22-3	ME-VR2	srgt environ	4/1/2022	Organic	Triphenylphosphate	n/a	=	1.36	µg/L	EPA 625.1m	-88	-88			
2021/22-3	ME-VR2	srgt environ, rec	4/1/2022	Organic	Triphenylphosphate	n/a	=	136	%	EPA 625.1m	-88	-88	40	200	
2021/22-3	ME-VR2	srgt environ	4/15/2022	Organic	Triphenylphosphate	n/a	=	12.4	µg/L	EPA 525.2	-88	-88			
2021/22-3	ME-VR2	srgt environ, rec	4/15/2022	Organic	Triphenylphosphate	n/a	=	124	%	EPA 525.2	-88	-88	70	130	
2021/22-3	MO-CAM	srgt environ	3/31/2022	Organic	Triphenylphosphate	n/a	=	34.7	µg/L	EPA 525.2	-88	-88			GN
2021/22-3	MO-CAM	srgt environ, rec	3/31/2022	Organic	Triphenylphosphate	n/a	=	139	%	EPA 525.2	-88	-88	70	130	GN
2021/22-3	MO-CAM	srgt environ	4/1/2022	Organic	Triphenylphosphate	n/a	=	1.3	µg/L	EPA 625.1m	-88	-88			
2021/22-3	MO-CAM	srgt environ, rec	4/1/2022	Organic	Triphenylphosphate	n/a	=	130	%	EPA 625.1m	-88	-88	40	200	
2021/22-3	MO-FIL	srgt environ	4/1/2022	Organic	Triphenylphosphate	n/a	=	1.14	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	
2021/22-3	MO-FIL	srqt environ, rec	4/1/2022	Organic	Triphenylphosphate	n/a	=	114	%	EPA 625.1m	-88	-88	40	200	
2021/22-3	MO-FIL	srqt environ	4/15/2022	Organic	Triphenylphosphate	n/a	=	12.7	µg/L	EPA 525.2	-88	-88			
2021/22-3	MO-FIL	srqt environ, rec	4/15/2022	Organic	Triphenylphosphate	n/a	=	127	%	EPA 525.2	-88	-88	70	130	
2021/22-3	MO-HUE	srqt environ	4/1/2022	Organic	Triphenylphosphate	n/a	=	1.11	µg/L	EPA 625.1m	-88	-88			
2021/22-3	MO-HUE	srqt environ, rec	4/1/2022	Organic	Triphenylphosphate	n/a	=	111	%	EPA 625.1m	-88	-88	40	200	
2021/22-3	MO-HUE	srqt environ	4/15/2022	Organic	Triphenylphosphate	n/a	=	13	µg/L	EPA 525.2	-88	-88			
2021/22-3	MO-HUE	srqt environ, rec	4/15/2022	Organic	Triphenylphosphate	n/a	=	130	%	EPA 525.2	-88	-88	70	130	
2021/22-3	MO-MEI	srqt environ	3/31/2022	Organic	Triphenylphosphate	n/a	=	35.6	µg/L	EPA 525.2	-88	-88			GN
2021/22-3	MO-MEI	srqt environ, rec	3/31/2022	Organic	Triphenylphosphate	n/a	=	143	%	EPA 525.2	-88	-88	70	130	GN
2021/22-3	MO-MEI	srqt environ	4/1/2022	Organic	Triphenylphosphate	n/a	=	1.42	µg/L	EPA 625.1m	-88	-88			
2021/22-3	MO-MEI	srqt environ, rec	4/1/2022	Organic	Triphenylphosphate	n/a	=	142	%	EPA 625.1m	-88	-88	40	200	
2021/22-3	MO-MPK	srqt environ	4/1/2022	Organic	Triphenylphosphate	n/a	=	34.5	µg/L	EPA 525.2	-88	-88			GN
2021/22-3	MO-MPK	srqt environ, rec	4/1/2022	Organic	Triphenylphosphate	n/a	=	138	%	EPA 525.2	-88	-88	70	130	GN
2021/22-3	MO-MPK	srqt environ	4/1/2022	Organic	Triphenylphosphate	n/a	=	1.55	µg/L	EPA 625.1m	-88	-88			
2021/22-3	MO-MPK	srqt environ, rec	4/1/2022	Organic	Triphenylphosphate	n/a	=	155	%	EPA 625.1m	-88	-88	40	200	
2021/22-3	MO-OJA	srqt environ	3/31/2022	Organic	Triphenylphosphate	n/a	=	34.5	µg/L	EPA 525.2	-88	-88			GN
2021/22-3	MO-OJA	srqt environ, rec	3/31/2022	Organic	Triphenylphosphate	n/a	=	138	%	EPA 525.2	-88	-88	70	130	GN
2021/22-3	MO-OJA	srqt environ	4/1/2022	Organic	Triphenylphosphate	n/a	=	1.53	µg/L	EPA 625.1m	-88	-88			
2021/22-3	MO-OJA	srqt environ, rec	4/1/2022	Organic	Triphenylphosphate	n/a	=	153	%	EPA 625.1m	-88	-88	40	200	
2021/22-3	MO-OXN	srqt environ	4/1/2022	Organic	Triphenylphosphate	n/a	=	34	µg/L	EPA 525.2	-88	-88			GN
2021/22-3	MO-OXN	srqt environ, rec	4/1/2022	Organic	Triphenylphosphate	n/a	=	136	%	EPA 525.2	-88	-88	70	130	GN
2021/22-3	MO-OXN	srqt environ	4/1/2022	Organic	Triphenylphosphate	n/a	=	1.08	µg/L	EPA 625.1m	-88	-88			
2021/22-3	MO-OXN	srqt environ, rec	4/1/2022	Organic	Triphenylphosphate	n/a	=	108	%	EPA 625.1m	-88	-88	40	200	
2021/22-3	MO-SIM	srqt environ	4/1/2022	Organic	Triphenylphosphate	n/a	=	36	µg/L	EPA 525.2	-88	-88			GN
2021/22-3	MO-SIM	srqt environ, rec	4/1/2022	Organic	Triphenylphosphate	n/a	=	144	%	EPA 525.2	-88	-88	70	130	GN
2021/22-3	MO-SIM	srqt environ	4/1/2022	Organic	Triphenylphosphate	n/a	=	1.25	µg/L	EPA 625.1m	-88	-88			
2021/22-3	MO-SIM	srqt environ, rec	4/1/2022	Organic	Triphenylphosphate	n/a	=	125	%	EPA 625.1m	-88	-88	40	200	
2021/22-3	MO-SPA	srqt environ	4/1/2022	Organic	Triphenylphosphate	n/a	=	34.4	µg/L	EPA 525.2	-88	-88			GN
2021/22-3	MO-SPA	srqt environ, rec	4/1/2022	Organic	Triphenylphosphate	n/a	=	138	%	EPA 525.2	-88	-88	70	130	GN
2021/22-3	MO-SPA	srqt matrix spike	4/7/2022	Organic	Triphenylphosphate	n/a	=	1.11	µg/L	EPA 625.1m	-88	-88			
2021/22-3	MO-SPA	srqt matrix spike, rec	4/7/2022	Organic	Triphenylphosphate	n/a	=	111	%	EPA 625.1m	-88	-88	40	200	
2021/22-3	MO-SPA	srqt matrix spike dup	4/7/2022	Organic	Triphenylphosphate	n/a	=	1.12	µg/L	EPA 625.1m	-88	-88			
2021/22-3	MO-SPA	srqt matrix spike dup, rec	4/7/2022	Organic	Triphenylphosphate	n/a	=	112	%	EPA 625.1m	-88	-88	40	200	
2021/22-3	MO-SPA	srqt environ	4/8/2022	Organic	Triphenylphosphate	n/a	=	1.13	µg/L	EPA 625.1m	-88	-88			
2021/22-3	MO-SPA	srqt environ, rec	4/8/2022	Organic	Triphenylphosphate	n/a	=	113	%	EPA 625.1m	-88	-88	40	200	
2021/22-3	MO-THO	srqt environ	4/1/2022	Organic	Triphenylphosphate	n/a	=	1.34	µg/L	EPA 625.1m	-88	-88			
2021/22-3	MO-THO	srqt environ, rec	4/1/2022	Organic	Triphenylphosphate	n/a	=	134	%	EPA 625.1m	-88	-88	40	200	
2021/22-3	MO-THO	srqt environ	4/15/2022	Organic	Triphenylphosphate	n/a	=	13.1	µg/L	EPA 525.2	-88	-88			GN
2021/22-3	MO-THO	srqt environ, rec	4/15/2022	Organic	Triphenylphosphate	n/a	=	131	%	EPA 525.2	-88	-88	70	130	GN
2021/22-3	MO-VEN	srqt environ	4/1/2022	Organic	Triphenylphosphate	n/a	=	1.29	µg/L	EPA 625.1m	-88	-88			
2021/22-3	MO-VEN	srqt environ, rec	4/1/2022	Organic	Triphenylphosphate	n/a	=	129	%	EPA 625.1m	-88	-88	40	200	
2021/22-3	MO-VEN	srqt environ	4/15/2022	Organic	Triphenylphosphate	n/a	=	12.5	µg/L	EPA 525.2	-88	-88			
2021/22-3	MO-VEN	srqt environ, rec	4/15/2022	Organic	Triphenylphosphate	n/a	=	125	%	EPA 525.2	-88	-88	70	130	
2021/22-3	Lab	srqt method blank	4/9/2022	PCB	PCB 209	n/a	=	0.0747	µg/L	EPA 608.3	-88	-88			
2021/22-3	Lab	srqt method blank, rec	4/9/2022	PCB	PCB 209	n/a	=	75	%	EPA 608.3	-88	-88	33	133	
2021/22-3	Lab	srqt LCS	4/9/2022	PCB	PCB 209	n/a	=	0.0737	µg/L	EPA 608.3	-88	-88			
2021/22-3	Lab	srqt LCS, rec	4/9/2022	PCB	PCB 209	n/a	=	74	%	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	
2021/22-3	Lab	srgt LCS dup	4/9/2022	PCB	PCB 209	n/a	=	0.0824	µg/L	EPA 608.3	-88	-88			
2021/22-3	Lab	srgt LCS dup, rec	4/9/2022	PCB	PCB 209	n/a	=	82	%	EPA 608.3	-88	-88	33	133	
2021/22-3	ME-CC	srgt environ	4/9/2022	PCB	PCB 209	n/a	=	0.0726	µg/L	EPA 608.3	-88	-88			
2021/22-3	ME-CC	srgt environ, rec	4/9/2022	PCB	PCB 209	n/a	=	71	%	EPA 608.3	-88	-88	33	133	
2021/22-3	ME-SCR	srgt environ	4/10/2022	PCB	PCB 209	n/a	=	0.509	µg/L	EPA 608.3	-88	-88			
2021/22-3	ME-SCR	srgt environ, rec	4/10/2022	PCB	PCB 209	n/a	=	51	%	EPA 608.3	-88	-88	33	133	
2021/22-3	ME-VR2	srgt environ	4/10/2022	PCB	PCB 209	n/a	=	0.635	µg/L	EPA 608.3	-88	-88			
2021/22-3	ME-VR2	srgt environ, rec	4/10/2022	PCB	PCB 209	n/a	=	63	%	EPA 608.3	-88	-88	33	133	
2021/22-3	MO-CAM	srgt environ	4/10/2022	PCB	PCB 209	n/a	=	0.0549	µg/L	EPA 608.3	-88	-88			
2021/22-3	MO-CAM	srgt environ, rec	4/10/2022	PCB	PCB 209	n/a	=	54	%	EPA 608.3	-88	-88	33	133	
2021/22-3	MO-FIL	srgt environ	4/10/2022	PCB	PCB 209	n/a	=	0.0489	µg/L	EPA 608.3	-88	-88			
2021/22-3	MO-FIL	srgt environ, rec	4/10/2022	PCB	PCB 209	n/a	=	48	%	EPA 608.3	-88	-88	33	133	
2021/22-3	MO-HUE	srgt environ	4/10/2022	PCB	PCB 209	n/a	=	0.0591	µg/L	EPA 608.3	-88	-88			
2021/22-3	MO-HUE	srgt environ, rec	4/10/2022	PCB	PCB 209	n/a	=	58	%	EPA 608.3	-88	-88	33	133	
2021/22-3	MO-MEI	srgt environ	4/10/2022	PCB	PCB 209	n/a	=	0.0411	µg/L	EPA 608.3	-88	-88			
2021/22-3	MO-MEI	srgt environ, rec	4/10/2022	PCB	PCB 209	n/a	=	40	%	EPA 608.3	-88	-88	33	133	
2021/22-3	MO-MPK	srgt environ	4/10/2022	PCB	PCB 209	n/a	=	0.0603	µg/L	EPA 608.3	-88	-88			
2021/22-3	MO-MPK	srgt environ, rec	4/10/2022	PCB	PCB 209	n/a	=	60	%	EPA 608.3	-88	-88	33	133	
2021/22-3	MO-OJA	srgt environ	4/10/2022	PCB	PCB 209	n/a	=	0.0341	µg/L	EPA 608.3	-88	-88			
2021/22-3	MO-OJA	srgt environ, rec	4/10/2022	PCB	PCB 209	n/a	=	33	%	EPA 608.3	-88	-88	33	133	
2021/22-3	MO-OXN	srgt environ	4/10/2022	PCB	PCB 209	n/a	=	0.0385	µg/L	EPA 608.3	-88	-88			
2021/22-3	MO-OXN	srgt environ, rec	4/10/2022	PCB	PCB 209	n/a	=	38	%	EPA 608.3	-88	-88	33	133	
2021/22-3	MO-SIM	srgt environ	4/10/2022	PCB	PCB 209	n/a	=	0.0592	µg/L	EPA 608.3	-88	-88			
2021/22-3	MO-SIM	srgt environ, rec	4/10/2022	PCB	PCB 209	n/a	=	58	%	EPA 608.3	-88	-88	33	133	
2021/22-3	MO-SPA	srgt environ	4/10/2022	PCB	PCB 209	n/a	=	0.0307	µg/L	EPA 608.3	-88	-88			GN
2021/22-3	MO-SPA	srgt environ, rec	4/10/2022	PCB	PCB 209	n/a	=	30	%	EPA 608.3	-88	-88	33	133	GN
2021/22-3	MO-THO	srgt environ	4/10/2022	PCB	PCB 209	n/a	=	0.057	µg/L	EPA 608.3	-88	-88			
2021/22-3	MO-THO	srgt environ, rec	4/10/2022	PCB	PCB 209	n/a	=	56	%	EPA 608.3	-88	-88	33	133	
2021/22-3	MO-VEN	srgt environ	4/10/2022	PCB	PCB 209	n/a	=	0.0486	µg/L	EPA 608.3	-88	-88			
2021/22-3	MO-VEN	srgt environ, rec	4/10/2022	PCB	PCB 209	n/a	=	47	%	EPA 608.3	-88	-88	33	133	
2021/22-3	Lab	method blank	4/9/2022	PCB	PCB Aroclor 1016	n/a	<	0.029	µg/L	EPA 608.3	0.029	0.5			
2021/22-3	Lab	method blank	4/9/2022	PCB	PCB Aroclor 1221	n/a	<	0.06	µg/L	EPA 608.3	0.06	0.5			
2021/22-3	Lab	method blank	4/9/2022	PCB	PCB Aroclor 1232	n/a	<	0.1	µg/L	EPA 608.3	0.1	0.5			
2021/22-3	Lab	method blank	4/9/2022	PCB	PCB Aroclor 1242	n/a	<	0.07	µg/L	EPA 608.3	0.07	0.5			
2021/22-3	Lab	method blank	4/9/2022	PCB	PCB Aroclor 1248	n/a	<	0.06	µg/L	EPA 608.3	0.06	0.5			
2021/22-3	Lab	method blank	4/9/2022	PCB	PCB Aroclor 1254	n/a	<	0.04	µg/L	EPA 608.3	0.04	0.5			
2021/22-3	Lab	method blank	4/9/2022	PCB	PCB Aroclor 1260	n/a	<	0.055	µg/L	EPA 608.3	0.055	0.5			
2021/22-3	000NONPJ	matrix spike	3/31/2022	Pesticide	2,4,5-T	n/a	=	4.05	µg/L	EPA 515.4	0.03	0.2			
2021/22-3	000NONPJ	matrix spike, rec	3/31/2022	Pesticide	2,4,5-T	n/a	=	101	%	EPA 515.4	-88	-88	70	130	
2021/22-3	000NONPJ	matrix spike dup	3/31/2022	Pesticide	2,4,5-T	n/a	=	4.08	µg/L	EPA 515.4	0.03	0.2			
2021/22-3	000NONPJ	matrix spike dup, rec	3/31/2022	Pesticide	2,4,5-T	n/a	=	102	%	EPA 515.4	-88	-88	70	130	
2021/22-3	000NONPJ	matrix spike, RPD	3/31/2022	Pesticide	2,4,5-T	n/a	=	0.7	%	EPA 515.4	-88	-88	0	30	
2021/22-3	Lab	method blank	3/31/2022	Pesticide	2,4,5-T	n/a	<	0.03	µg/L	EPA 515.4	0.03	0.2			
2021/22-3	Lab	LCS	3/31/2022	Pesticide	2,4,5-T	n/a	=	4.08	µg/L	EPA 515.4	0.03	0.2			
2021/22-3	Lab	LCS, rec	3/31/2022	Pesticide	2,4,5-T	n/a	=	102	%	EPA 515.4	-88	-88	70	130	
2021/22-3	000NONPJ	matrix spike	3/31/2022	Pesticide	2,4,5-TP	n/a	=	3.97	µg/L	EPA 515.4	0.026	0.2			
2021/22-3	000NONPJ	matrix spike, rec	3/31/2022	Pesticide	2,4,5-TP	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	
2021/22-3	000NONPJ	matrix spike dup	3/31/2022	Pesticide	2,4,5-TP	n/a	=	4.04	µg/L	EPA 515.4	0.026	0.2			
2021/22-3	000NONPJ	matrix spike dup, rec	3/31/2022	Pesticide	2,4,5-TP	n/a	=	101	%	EPA 515.4	-88	-88	70	130	
2021/22-3	000NONPJ	matrix spike, RPD	3/31/2022	Pesticide	2,4,5-TP	n/a	=	2	%	EPA 515.4	-88	-88	0	30	
2021/22-3	Lab	method blank	3/31/2022	Pesticide	2,4,5-TP	n/a	<	0.026	µg/L	EPA 515.4	0.026	0.2			
2021/22-3	Lab	LCS	3/31/2022	Pesticide	2,4,5-TP	n/a	=	3.98	µg/L	EPA 515.4	0.026	0.2			
2021/22-3	Lab	LCS, rec	3/31/2022	Pesticide	2,4,5-TP	n/a	=	99	%	EPA 515.4	-88	-88	70	130	
2021/22-3	000NONPJ	matrix spike	3/31/2022	Pesticide	2,4-D	n/a	=	7.64	µg/L	EPA 515.4	0.14	0.4			
2021/22-3	000NONPJ	matrix spike, rec	3/31/2022	Pesticide	2,4-D	n/a	=	95	%	EPA 515.4	-88	-88	70	130	
2021/22-3	000NONPJ	matrix spike dup	3/31/2022	Pesticide	2,4-D	n/a	=	7.85	µg/L	EPA 515.4	0.14	0.4			
2021/22-3	000NONPJ	matrix spike dup, rec	3/31/2022	Pesticide	2,4-D	n/a	=	98	%	EPA 515.4	-88	-88	70	130	
2021/22-3	000NONPJ	matrix spike, RPD	3/31/2022	Pesticide	2,4-D	n/a	=	3	%	EPA 515.4	-88	-88	0	30	
2021/22-3	Lab	method blank	3/31/2022	Pesticide	2,4-D	n/a	<	0.14	µg/L	EPA 515.4	0.14	0.4			
2021/22-3	Lab	LCS	3/31/2022	Pesticide	2,4-D	n/a	=	8.27	µg/L	EPA 515.4	0.14	0.4			
2021/22-3	Lab	LCS, rec	3/31/2022	Pesticide	2,4-D	n/a	=	103	%	EPA 515.4	-88	-88	70	130	
2021/22-3	000NONPJ	matrix spike	3/31/2022	Pesticide	2,4-DB	n/a	=	16.3	µg/L	EPA 515.4	0.19	2			
2021/22-3	000NONPJ	matrix spike, rec	3/31/2022	Pesticide	2,4-DB	n/a	=	102	%	EPA 515.4	-88	-88	70	130	
2021/22-3	000NONPJ	matrix spike dup	3/31/2022	Pesticide	2,4-DB	n/a	=	16.7	µg/L	EPA 515.4	0.19	2			
2021/22-3	000NONPJ	matrix spike dup, rec	3/31/2022	Pesticide	2,4-DB	n/a	=	105	%	EPA 515.4	-88	-88	70	130	
2021/22-3	000NONPJ	matrix spike, RPD	3/31/2022	Pesticide	2,4-DB	n/a	=	2	%	EPA 515.4	-88	-88	0	30	
2021/22-3	Lab	method blank	3/31/2022	Pesticide	2,4-DB	n/a	<	0.19	µg/L	EPA 515.4	0.19	2			
2021/22-3	Lab	LCS	3/31/2022	Pesticide	2,4-DB	n/a	=	17.3	µg/L	EPA 515.4	0.19	2			
2021/22-3	Lab	LCS, rec	3/31/2022	Pesticide	2,4-DB	n/a	=	108	%	EPA 515.4	-88	-88	70	130	
2021/22-3	000NONPJ	matrix spike	3/31/2022	Pesticide	3,5-Dichlorobenzoic acid	n/a	=	8.42	µg/L	EPA 515.4	0.12	1			
2021/22-3	000NONPJ	matrix spike, rec	3/31/2022	Pesticide	3,5-Dichlorobenzoic acid	n/a	=	105	%	EPA 515.4	-88	-88	70	130	
2021/22-3	000NONPJ	matrix spike dup	3/31/2022	Pesticide	3,5-Dichlorobenzoic acid	n/a	=	8.52	µg/L	EPA 515.4	0.12	1			
2021/22-3	000NONPJ	matrix spike dup, rec	3/31/2022	Pesticide	3,5-Dichlorobenzoic acid	n/a	=	107	%	EPA 515.4	-88	-88	70	130	
2021/22-3	000NONPJ	matrix spike, RPD	3/31/2022	Pesticide	3,5-Dichlorobenzoic acid	n/a	=	1	%	EPA 515.4	-88	-88	0	30	
2021/22-3	Lab	method blank	3/31/2022	Pesticide	3,5-Dichlorobenzoic acid	n/a	<	0.12	µg/L	EPA 515.4	0.12	1			
2021/22-3	Lab	LCS	3/31/2022	Pesticide	3,5-Dichlorobenzoic acid	n/a	=	8.24	µg/L	EPA 515.4	0.12	1			
2021/22-3	Lab	LCS, rec	3/31/2022	Pesticide	3,5-Dichlorobenzoic acid	n/a	=	103	%	EPA 515.4	-88	-88	70	130	
2021/22-3	Lab	method blank	4/9/2022	Pesticide	4,4'-DDD	n/a	<	0.0007	µg/L	EPA 608.3	0.0007	0.05			
2021/22-3	Lab	LCS	4/9/2022	Pesticide	4,4'-DDD	n/a	=	0.0748	µg/L	EPA 608.3	0.0007	0.05			
2021/22-3	Lab	LCS, rec	4/9/2022	Pesticide	4,4'-DDD	n/a	=	75	%	EPA 608.3	-88	-88	48	130	
2021/22-3	Lab	LCS dup	4/9/2022	Pesticide	4,4'-DDD	n/a	=	0.0851	µg/L	EPA 608.3	0.0007	0.05			
2021/22-3	Lab	LCS dup, rec	4/9/2022	Pesticide	4,4'-DDD	n/a	=	85	%	EPA 608.3	-88	-88	48	130	
2021/22-3	Lab	LCS, RPD	4/9/2022	Pesticide	4,4'-DDD	n/a	=	13	%	EPA 608.3	-88	-88	0	30	
2021/22-3	Lab	method blank	4/9/2022	Pesticide	4,4'-DDE	n/a	<	0.0007	µg/L	EPA 608.3	0.0007	0.05			
2021/22-3	Lab	LCS	4/9/2022	Pesticide	4,4'-DDE	n/a	=	0.0698	µg/L	EPA 608.3	0.0007	0.05			
2021/22-3	Lab	LCS, rec	4/9/2022	Pesticide	4,4'-DDE	n/a	=	70	%	EPA 608.3	-88	-88	54	130	
2021/22-3	Lab	LCS dup	4/9/2022	Pesticide	4,4'-DDE	n/a	=	0.0798	µg/L	EPA 608.3	0.0007	0.05			
2021/22-3	Lab	LCS dup, rec	4/9/2022	Pesticide	4,4'-DDE	n/a	=	80	%	EPA 608.3	-88	-88	54	130	
2021/22-3	Lab	LCS, RPD	4/9/2022	Pesticide	4,4'-DDE	n/a	=	13	%	EPA 608.3	-88	-88	0	30	
2021/22-3	Lab	method blank	4/9/2022	Pesticide	4,4'-DDT	n/a	<	0.0011	µg/L	EPA 608.3	0.0011	0.01			
2021/22-3	Lab	LCS	4/9/2022	Pesticide	4,4'-DDT	n/a	=	0.0675	µg/L	EPA 608.3	0.0011	0.01			
2021/22-3	Lab	LCS, rec	4/9/2022	Pesticide	4,4'-DDT	n/a	=	67	%	EPA 608.3	-88	-88	46	137	
2021/22-3	Lab	LCS dup	4/9/2022	Pesticide	4,4'-DDT	n/a	=	0.0796	µg/L	EPA 608.3	0.0011	0.01			
2021/22-3	Lab	LCS dup, rec	4/9/2022	Pesticide	4,4'-DDT	n/a	=	80	%	EPA 608.3	-88	-88	46	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	
2021/22-3	Lab	LCS, RPD	4/9/2022	Pesticide	4,4'-DDT	n/a	=	16	%	EPA 608.3	-88	-88	0	30	
2021/22-3	000NONPJ	matrix spike	3/31/2022	Pesticide	Acifluorfen	n/a	=	4.02	µg/L	EPA 515.4	0.03	0.4			
2021/22-3	000NONPJ	matrix spike, rec	3/31/2022	Pesticide	Acifluorfen	n/a	=	101	%	EPA 515.4	-88	-88	70	130	
2021/22-3	000NONPJ	matrix spike dup	3/31/2022	Pesticide	Acifluorfen	n/a	=	4.32	µg/L	EPA 515.4	0.03	0.4			
2021/22-3	000NONPJ	matrix spike dup, rec	3/31/2022	Pesticide	Acifluorfen	n/a	=	108	%	EPA 515.4	-88	-88	70	130	
2021/22-3	000NONPJ	matrix spike, RPD	3/31/2022	Pesticide	Acifluorfen	n/a	=	7	%	EPA 515.4	-88	-88	0	30	
2021/22-3	Lab	method blank	3/31/2022	Pesticide	Acifluorfen	n/a	<	0.03	µg/L	EPA 515.4	0.03	0.4			
2021/22-3	Lab	LCS	3/31/2022	Pesticide	Acifluorfen	n/a	=	4.4	µg/L	EPA 515.4	0.03	0.4			
2021/22-3	Lab	LCS, rec	3/31/2022	Pesticide	Acifluorfen	n/a	=	110	%	EPA 515.4	-88	-88	70	130	
2021/22-3	Lab	method blank	3/31/2022	Pesticide	Alachlor	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1			
2021/22-3	Lab	LCS	3/31/2022	Pesticide	Alachlor	n/a	=	8.08	µg/L	EPA 525.2	0.03	0.1			
2021/22-3	Lab	LCS, rec	3/31/2022	Pesticide	Alachlor	n/a	=	108	%	EPA 525.2	-88	-88	70	130	
2021/22-3	Lab	LCS dup	3/31/2022	Pesticide	Alachlor	n/a	=	8.08	µg/L	EPA 525.2	0.03	0.1			
2021/22-3	Lab	LCS dup, rec	3/31/2022	Pesticide	Alachlor	n/a	=	108	%	EPA 525.2	-88	-88	70	130	
2021/22-3	Lab	LCS, RPD	3/31/2022	Pesticide	Alachlor	n/a	=	0.04	%	EPA 525.2	-88	-88	0	30	
2021/22-3	Lab	method blank	4/14/2022	Pesticide	Alachlor	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1			
2021/22-3	Lab	LCS	4/14/2022	Pesticide	Alachlor	n/a	=	7.71	µg/L	EPA 525.2	0.03	0.1			
2021/22-3	Lab	LCS, rec	4/14/2022	Pesticide	Alachlor	n/a	=	103	%	EPA 525.2	-88	-88	70	130	
2021/22-3	Lab	LCS dup	4/14/2022	Pesticide	Alachlor	n/a	=	8.03	µg/L	EPA 525.2	0.03	0.1			
2021/22-3	Lab	LCS dup, rec	4/14/2022	Pesticide	Alachlor	n/a	=	107	%	EPA 525.2	-88	-88	70	130	
2021/22-3	Lab	LCS, RPD	4/14/2022	Pesticide	Alachlor	n/a	=	4	%	EPA 525.2	-88	-88	0	30	
2021/22-3	Lab	method blank	4/9/2022	Pesticide	Aldrin	n/a	<	0.001	µg/L	EPA 608.3	0.001	0.005			
2021/22-3	Lab	LCS	4/9/2022	Pesticide	Aldrin	n/a	=	0.065	µg/L	EPA 608.3	0.001	0.005			
2021/22-3	Lab	LCS, rec	4/9/2022	Pesticide	Aldrin	n/a	=	65	%	EPA 608.3	-88	-88	54	130	
2021/22-3	Lab	LCS dup	4/9/2022	Pesticide	Aldrin	n/a	=	0.0726	µg/L	EPA 608.3	0.001	0.005			
2021/22-3	Lab	LCS dup, rec	4/9/2022	Pesticide	Aldrin	n/a	=	73	%	EPA 608.3	-88	-88	54	130	
2021/22-3	Lab	LCS, RPD	4/9/2022	Pesticide	Aldrin	n/a	=	11	%	EPA 608.3	-88	-88	0	30	
2021/22-3	Lab	method blank	4/9/2022	Pesticide	alpha-BHC	n/a	<	0.0011	µg/L	EPA 608.3	0.0011	0.01			
2021/22-3	Lab	LCS	4/9/2022	Pesticide	alpha-BHC	n/a	=	0.0643	µg/L	EPA 608.3	0.0011	0.01			
2021/22-3	Lab	LCS, rec	4/9/2022	Pesticide	alpha-BHC	n/a	=	64	%	EPA 608.3	-88	-88	49	130	
2021/22-3	Lab	LCS dup	4/9/2022	Pesticide	alpha-BHC	n/a	=	0.0806	µg/L	EPA 608.3	0.0011	0.01			
2021/22-3	Lab	LCS dup, rec	4/9/2022	Pesticide	alpha-BHC	n/a	=	81	%	EPA 608.3	-88	-88	49	130	
2021/22-3	Lab	LCS, RPD	4/9/2022	Pesticide	alpha-BHC	n/a	=	22	%	EPA 608.3	-88	-88	0	30	
2021/22-3	Lab	method blank	4/9/2022	Pesticide	alpha-Chlordane	n/a	<	0.0029	µg/L	EPA 608.3	0.0029	0.01			
2021/22-3	Lab	method blank	3/31/2022	Pesticide	Atrazine	n/a	<	0.011	µg/L	EPA 525.2	0.011	0.1			
2021/22-3	Lab	LCS	3/31/2022	Pesticide	Atrazine	n/a	=	6.05	µg/L	EPA 525.2	0.011	0.1			
2021/22-3	Lab	LCS, rec	3/31/2022	Pesticide	Atrazine	n/a	=	121	%	EPA 525.2	-88	-88	70	130	
2021/22-3	Lab	LCS dup	3/31/2022	Pesticide	Atrazine	n/a	=	5.8	µg/L	EPA 525.2	0.011	0.1			
2021/22-3	Lab	LCS dup, rec	3/31/2022	Pesticide	Atrazine	n/a	=	116	%	EPA 525.2	-88	-88	70	130	
2021/22-3	Lab	LCS, RPD	3/31/2022	Pesticide	Atrazine	n/a	=	4	%	EPA 525.2	-88	-88	0	30	
2021/22-3	Lab	method blank	4/14/2022	Pesticide	Atrazine	n/a	<	0.011	µg/L	EPA 525.2	0.011	0.1			
2021/22-3	Lab	LCS	4/14/2022	Pesticide	Atrazine	n/a	=	5.94	µg/L	EPA 525.2	0.011	0.1			
2021/22-3	Lab	LCS, rec	4/14/2022	Pesticide	Atrazine	n/a	=	119	%	EPA 525.2	-88	-88	70	130	
2021/22-3	Lab	LCS dup	4/14/2022	Pesticide	Atrazine	n/a	=	6.19	µg/L	EPA 525.2	0.011	0.1			
2021/22-3	Lab	LCS dup, rec	4/14/2022	Pesticide	Atrazine	n/a	=	124	%	EPA 525.2	-88	-88	70	130	
2021/22-3	Lab	LCS, RPD	4/14/2022	Pesticide	Atrazine	n/a	=	4	%	EPA 525.2	-88	-88	0	30	
2021/22-3	Lab	LCS	4/1/2022	Pesticide	Azinphos methyl	n/a	=	0.0992	µg/L	EPA 625.1m	0.0055	0.01			

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2021/22-3	Lab	LCS, rec	4/1/2022	Pesticide	Azinphos methyl	n/a	=	198	%	EPA 625.1m	-88	-88	47	200	
2021/22-3	Lab	method blank	4/1/2022	Pesticide	Azinphos methyl	n/a	<	0.0055	µg/L	EPA 625.1m	0.0055	0.01			
2021/22-3	Lab	LCS	4/7/2022	Pesticide	Azinphos methyl	n/a	=	0.0856	µg/L	EPA 625.1m	0.0055	0.01			
2021/22-3	Lab	LCS, rec	4/7/2022	Pesticide	Azinphos methyl	n/a	=	171	%	EPA 625.1m	-88	-88	47	200	
2021/22-3	Lab	method blank	4/8/2022	Pesticide	Azinphos methyl	n/a	<	0.0055	µg/L	EPA 625.1m	0.0055	0.01			
2021/22-3	ME-CC	matrix spike	4/1/2022	Pesticide	Azinphos methyl	n/a	=	0.339	µg/L	EPA 625.1m	0.011	0.02			GB
2021/22-3	ME-CC	matrix spike, rec	4/1/2022	Pesticide	Azinphos methyl	n/a	=	339	%	EPA 625.1m	-88	-88	0.1	153	GB
2021/22-3	ME-CC	matrix spike dup	4/1/2022	Pesticide	Azinphos methyl	n/a	=	0.306	µg/L	EPA 625.1m	0.011	0.02			GB
2021/22-3	ME-CC	matrix spike dup, rec	4/1/2022	Pesticide	Azinphos methyl	n/a	=	306	%	EPA 625.1m	-88	-88	0.1	153	GB
2021/22-3	ME-CC	matrix spike, RPD	4/1/2022	Pesticide	Azinphos methyl	n/a	=	10	%	EPA 625.1m	-88	-88	0	30	GB
2021/22-3	MO-SPA	matrix spike	4/7/2022	Pesticide	Azinphos methyl	n/a	=	0.189	µg/L	EPA 625.1m	0.011	0.02			GB
2021/22-3	MO-SPA	matrix spike, rec	4/7/2022	Pesticide	Azinphos methyl	n/a	=	189	%	EPA 625.1m	-88	-88	0.1	153	GB
2021/22-3	MO-SPA	matrix spike dup	4/7/2022	Pesticide	Azinphos methyl	n/a	=	0.196	µg/L	EPA 625.1m	0.011	0.02			GB
2021/22-3	MO-SPA	matrix spike dup, rec	4/7/2022	Pesticide	Azinphos methyl	n/a	=	196	%	EPA 625.1m	-88	-88	0.1	153	GB
2021/22-3	MO-SPA	matrix spike, RPD	4/7/2022	Pesticide	Azinphos methyl	n/a	=	4	%	EPA 625.1m	-88	-88	0	30	GB
2021/22-3	000NONPJ	matrix spike	3/31/2022	Pesticide	Bentazon	n/a	=	15.6	µg/L	EPA 515.4	0.23	2			
2021/22-3	000NONPJ	matrix spike, rec	3/31/2022	Pesticide	Bentazon	n/a	=	97	%	EPA 515.4	-88	-88	70	130	
2021/22-3	000NONPJ	matrix spike dup	3/31/2022	Pesticide	Bentazon	n/a	=	15.7	µg/L	EPA 515.4	0.23	2			
2021/22-3	000NONPJ	matrix spike dup, rec	3/31/2022	Pesticide	Bentazon	n/a	=	98	%	EPA 515.4	-88	-88	70	130	
2021/22-3	000NONPJ	matrix spike, RPD	3/31/2022	Pesticide	Bentazon	n/a	=	0.9	%	EPA 515.4	-88	-88	0	30	
2021/22-3	Lab	method blank	3/31/2022	Pesticide	Bentazon	n/a	<	0.23	µg/L	EPA 515.4	0.23	2			
2021/22-3	Lab	LCS	3/31/2022	Pesticide	Bentazon	n/a	=	16.3	µg/L	EPA 515.4	0.23	2			
2021/22-3	Lab	LCS, rec	3/31/2022	Pesticide	Bentazon	n/a	=	102	%	EPA 515.4	-88	-88	70	130	
2021/22-3	Lab	method blank	4/9/2022	Pesticide	beta-BHC	n/a	<	0.0015	µg/L	EPA 608.3	0.0015	0.005			
2021/22-3	Lab	LCS	4/9/2022	Pesticide	beta-BHC	n/a	=	0.075	µg/L	EPA 608.3	0.0015	0.005			
2021/22-3	Lab	LCS, rec	4/9/2022	Pesticide	beta-BHC	n/a	=	75	%	EPA 608.3	-88	-88	39	130	
2021/22-3	Lab	LCS dup	4/9/2022	Pesticide	beta-BHC	n/a	=	0.0832	µg/L	EPA 608.3	0.0015	0.005			
2021/22-3	Lab	LCS dup, rec	4/9/2022	Pesticide	beta-BHC	n/a	=	83	%	EPA 608.3	-88	-88	39	130	
2021/22-3	Lab	LCS, RPD	4/9/2022	Pesticide	beta-BHC	n/a	=	10	%	EPA 608.3	-88	-88	0	30	
2021/22-3	Lab	LCS	4/1/2022	Pesticide	Bolstar	n/a	=	0.0431	µg/L	EPA 625.1m	0.0046	0.01			
2021/22-3	Lab	LCS, rec	4/1/2022	Pesticide	Bolstar	n/a	=	86	%	EPA 625.1m	-88	-88	27	162	
2021/22-3	Lab	method blank	4/1/2022	Pesticide	Bolstar	n/a	<	0.0046	µg/L	EPA 625.1m	0.0046	0.01			
2021/22-3	Lab	LCS	4/7/2022	Pesticide	Bolstar	n/a	=	0.0455	µg/L	EPA 625.1m	0.0046	0.01			
2021/22-3	Lab	LCS, rec	4/7/2022	Pesticide	Bolstar	n/a	=	91	%	EPA 625.1m	-88	-88	27	162	
2021/22-3	Lab	method blank	4/8/2022	Pesticide	Bolstar	n/a	<	0.0046	µg/L	EPA 625.1m	0.0046	0.01			
2021/22-3	ME-CC	matrix spike	4/1/2022	Pesticide	Bolstar	n/a	=	0.124	µg/L	EPA 625.1m	0.0092	0.02			
2021/22-3	ME-CC	matrix spike, rec	4/1/2022	Pesticide	Bolstar	n/a	=	124	%	EPA 625.1m	-88	-88	22	160	
2021/22-3	ME-CC	matrix spike dup	4/1/2022	Pesticide	Bolstar	n/a	=	0.118	µg/L	EPA 625.1m	0.0092	0.02			
2021/22-3	ME-CC	matrix spike dup, rec	4/1/2022	Pesticide	Bolstar	n/a	=	118	%	EPA 625.1m	-88	-88	22	160	
2021/22-3	ME-CC	matrix spike, RPD	4/1/2022	Pesticide	Bolstar	n/a	=	4	%	EPA 625.1m	-88	-88	0	30	
2021/22-3	MO-SPA	matrix spike	4/7/2022	Pesticide	Bolstar	n/a	=	0.0858	µg/L	EPA 625.1m	0.0092	0.02			
2021/22-3	MO-SPA	matrix spike, rec	4/7/2022	Pesticide	Bolstar	n/a	=	86	%	EPA 625.1m	-88	-88	22	160	
2021/22-3	MO-SPA	matrix spike dup	4/7/2022	Pesticide	Bolstar	n/a	=	0.0874	µg/L	EPA 625.1m	0.0092	0.02			
2021/22-3	MO-SPA	matrix spike dup, rec	4/7/2022	Pesticide	Bolstar	n/a	=	87	%	EPA 625.1m	-88	-88	22	160	
2021/22-3	MO-SPA	matrix spike, RPD	4/7/2022	Pesticide	Bolstar	n/a	=	2	%	EPA 625.1m	-88	-88	0	30	
2021/22-3	Lab	method blank	3/31/2022	Pesticide	Bromacil	n/a	<	0.07	µg/L	EPA 525.2	0.07	0.5			
2021/22-3	Lab	LCS	3/31/2022	Pesticide	Bromacil	n/a	=	5.49	µg/L	EPA 525.2	0.07	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	
2021/22-3	Lab	LCS, rec	3/31/2022	Pesticide	Bromacil	n/a	=	110	%	EPA 525.2	-88	-88	70	130	
2021/22-3	Lab	LCS dup	3/31/2022	Pesticide	Bromacil	n/a	=	5.67	µg/L	EPA 525.2	0.07	0.5			
2021/22-3	Lab	LCS dup, rec	3/31/2022	Pesticide	Bromacil	n/a	=	113	%	EPA 525.2	-88	-88	70	130	
2021/22-3	Lab	LCS, RPD	3/31/2022	Pesticide	Bromacil	n/a	=	3	%	EPA 525.2	-88	-88	0	30	
2021/22-3	Lab	method blank	4/14/2022	Pesticide	Bromacil	n/a	<	0.07	µg/L	EPA 525.2	0.07	0.5			
2021/22-3	Lab	LCS	4/14/2022	Pesticide	Bromacil	n/a	=	5.47	µg/L	EPA 525.2	0.07	0.5			
2021/22-3	Lab	LCS, rec	4/14/2022	Pesticide	Bromacil	n/a	=	109	%	EPA 525.2	-88	-88	70	130	
2021/22-3	Lab	LCS dup	4/14/2022	Pesticide	Bromacil	n/a	=	5.68	µg/L	EPA 525.2	0.07	0.5			
2021/22-3	Lab	LCS dup, rec	4/14/2022	Pesticide	Bromacil	n/a	=	114	%	EPA 525.2	-88	-88	70	130	
2021/22-3	Lab	LCS, RPD	4/14/2022	Pesticide	Bromacil	n/a	=	4	%	EPA 525.2	-88	-88	0	30	
2021/22-3	Lab	method blank	3/31/2022	Pesticide	Butachlor	n/a	<	0.012	µg/L	EPA 525.2	0.012	0.1			
2021/22-3	Lab	LCS	3/31/2022	Pesticide	Butachlor	n/a	=	5.32	µg/L	EPA 525.2	0.012	0.1			
2021/22-3	Lab	LCS, rec	3/31/2022	Pesticide	Butachlor	n/a	=	106	%	EPA 525.2	-88	-88	70	130	
2021/22-3	Lab	LCS dup	3/31/2022	Pesticide	Butachlor	n/a	=	5.27	µg/L	EPA 525.2	0.012	0.1			
2021/22-3	Lab	LCS dup, rec	3/31/2022	Pesticide	Butachlor	n/a	=	105	%	EPA 525.2	-88	-88	70	130	
2021/22-3	Lab	LCS, RPD	3/31/2022	Pesticide	Butachlor	n/a	=	0.9	%	EPA 525.2	-88	-88	0	30	
2021/22-3	Lab	method blank	4/14/2022	Pesticide	Butachlor	n/a	<	0.012	µg/L	EPA 525.2	0.012	0.1			
2021/22-3	Lab	LCS	4/14/2022	Pesticide	Butachlor	n/a	=	5.38	µg/L	EPA 525.2	0.012	0.1			
2021/22-3	Lab	LCS, rec	4/14/2022	Pesticide	Butachlor	n/a	=	108	%	EPA 525.2	-88	-88	70	130	
2021/22-3	Lab	LCS dup	4/14/2022	Pesticide	Butachlor	n/a	=	5.56	µg/L	EPA 525.2	0.012	0.1			
2021/22-3	Lab	LCS dup, rec	4/14/2022	Pesticide	Butachlor	n/a	=	111	%	EPA 525.2	-88	-88	70	130	
2021/22-3	Lab	LCS, RPD	4/14/2022	Pesticide	Butachlor	n/a	=	3	%	EPA 525.2	-88	-88	0	30	
2021/22-3	Lab	method blank	3/31/2022	Pesticide	Captan	n/a	<	0.32	µg/L	EPA 525.2	0.32	1			
2021/22-3	Lab	LCS	3/31/2022	Pesticide	Captan	n/a	=	6.71	µg/L	EPA 525.2	0.32	1			EUM
2021/22-3	Lab	LCS, rec	3/31/2022	Pesticide	Captan	n/a	=	134	%	EPA 525.2	-88	-88	70	130	EUM
2021/22-3	Lab	LCS dup	3/31/2022	Pesticide	Captan	n/a	=	6.52	µg/L	EPA 525.2	0.32	1			
2021/22-3	Lab	LCS dup, rec	3/31/2022	Pesticide	Captan	n/a	=	130	%	EPA 525.2	-88	-88	70	130	
2021/22-3	Lab	LCS, RPD	3/31/2022	Pesticide	Captan	n/a	=	3	%	EPA 525.2	-88	-88	0	30	
2021/22-3	Lab	method blank	4/14/2022	Pesticide	Captan	n/a	<	0.32	µg/L	EPA 525.2	0.32	1			
2021/22-3	Lab	LCS	4/14/2022	Pesticide	Captan	n/a	=	5.82	µg/L	EPA 525.2	0.32	1			
2021/22-3	Lab	LCS, rec	4/14/2022	Pesticide	Captan	n/a	=	116	%	EPA 525.2	-88	-88	70	130	
2021/22-3	Lab	LCS dup	4/14/2022	Pesticide	Captan	n/a	=	6.06	µg/L	EPA 525.2	0.32	1			
2021/22-3	Lab	LCS dup, rec	4/14/2022	Pesticide	Captan	n/a	=	121	%	EPA 525.2	-88	-88	70	130	
2021/22-3	Lab	LCS, RPD	4/14/2022	Pesticide	Captan	n/a	=	4	%	EPA 525.2	-88	-88	0	30	
2021/22-3	Lab	method blank	4/9/2022	Pesticide	Chlordane (technical)	n/a	<	0.043	µg/L	EPA 608.3	0.043	0.1			
2021/22-3	Lab	method blank	3/31/2022	Pesticide	Chloroprotham	n/a	<	0.04	µg/L	EPA 525.2	0.04	0.1			
2021/22-3	Lab	LCS	3/31/2022	Pesticide	Chloroprotham	n/a	=	6.15	µg/L	EPA 525.2	0.04	0.1			
2021/22-3	Lab	LCS, rec	3/31/2022	Pesticide	Chloroprotham	n/a	=	123	%	EPA 525.2	-88	-88	70	130	
2021/22-3	Lab	LCS dup	3/31/2022	Pesticide	Chloroprotham	n/a	=	6.07	µg/L	EPA 525.2	0.04	0.1			
2021/22-3	Lab	LCS dup, rec	3/31/2022	Pesticide	Chloroprotham	n/a	=	121	%	EPA 525.2	-88	-88	70	130	
2021/22-3	Lab	LCS, RPD	3/31/2022	Pesticide	Chloroprotham	n/a	=	1	%	EPA 525.2	-88	-88	0	30	
2021/22-3	Lab	method blank	4/14/2022	Pesticide	Chloroprotham	n/a	<	0.04	µg/L	EPA 525.2	0.04	0.1			
2021/22-3	Lab	LCS	4/14/2022	Pesticide	Chloroprotham	n/a	=	6.34	µg/L	EPA 525.2	0.04	0.1			
2021/22-3	Lab	LCS, rec	4/14/2022	Pesticide	Chloroprotham	n/a	=	127	%	EPA 525.2	-88	-88	70	130	
2021/22-3	Lab	LCS dup	4/14/2022	Pesticide	Chloroprotham	n/a	=	6.56	µg/L	EPA 525.2	0.04	0.1			EUM
2021/22-3	Lab	LCS dup, rec	4/14/2022	Pesticide	Chloroprotham	n/a	=	131	%	EPA 525.2	-88	-88	70	130	EUM
2021/22-3	Lab	LCS, RPD	4/14/2022	Pesticide	Chloroprotham	n/a	=	3	%	EPA 525.2	-88	-88	0	30	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	
2021/22-3	Lab	LCS	4/1/2022	Pesticide	Chlorpyrifos	n/a	=	0.047	µg/L	EPA 625.1m	0.0069	0.01			
2021/22-3	Lab	LCS, rec	4/1/2022	Pesticide	Chlorpyrifos	n/a	=	94	%	EPA 625.1m	-88	-88	72	144	
2021/22-3	Lab	method blank	4/1/2022	Pesticide	Chlorpyrifos	n/a	<	0.0069	µg/L	EPA 625.1m	0.0069	0.01			
2021/22-3	Lab	LCS	4/7/2022	Pesticide	Chlorpyrifos	n/a	=	0.0508	µg/L	EPA 625.1m	0.0069	0.01			
2021/22-3	Lab	LCS, rec	4/7/2022	Pesticide	Chlorpyrifos	n/a	=	102	%	EPA 625.1m	-88	-88	72	144	
2021/22-3	Lab	method blank	4/8/2022	Pesticide	Chlorpyrifos	n/a	<	0.0069	µg/L	EPA 625.1m	0.0069	0.01			
2021/22-3	ME-CC	matrix spike	4/1/2022	Pesticide	Chlorpyrifos	n/a	=	0.105	µg/L	EPA 625.1m	0.014	0.02			
2021/22-3	ME-CC	matrix spike, rec	4/1/2022	Pesticide	Chlorpyrifos	n/a	=	105	%	EPA 625.1m	-88	-88	48	151	
2021/22-3	ME-CC	matrix spike dup	4/1/2022	Pesticide	Chlorpyrifos	n/a	=	0.0993	µg/L	EPA 625.1m	0.014	0.02			
2021/22-3	ME-CC	matrix spike dup, rec	4/1/2022	Pesticide	Chlorpyrifos	n/a	=	99	%	EPA 625.1m	-88	-88	48	151	
2021/22-3	ME-CC	matrix spike, RPD	4/1/2022	Pesticide	Chlorpyrifos	n/a	=	6	%	EPA 625.1m	-88	-88	0	30	
2021/22-3	MO-SPA	matrix spike	4/7/2022	Pesticide	Chlorpyrifos	n/a	=	0.0795	µg/L	EPA 625.1m	0.014	0.02			
2021/22-3	MO-SPA	matrix spike, rec	4/7/2022	Pesticide	Chlorpyrifos	n/a	=	80	%	EPA 625.1m	-88	-88	48	151	
2021/22-3	MO-SPA	matrix spike dup	4/7/2022	Pesticide	Chlorpyrifos	n/a	=	0.0738	µg/L	EPA 625.1m	0.014	0.02			
2021/22-3	MO-SPA	matrix spike dup, rec	4/7/2022	Pesticide	Chlorpyrifos	n/a	=	74	%	EPA 625.1m	-88	-88	48	151	
2021/22-3	MO-SPA	matrix spike, RPD	4/7/2022	Pesticide	Chlorpyrifos	n/a	=	7	%	EPA 625.1m	-88	-88	0	30	
2021/22-3	Lab	LCS	4/1/2022	Pesticide	Coumaphos	n/a	=	0.077	µg/L	EPA 625.1m	0.0051	0.01			
2021/22-3	Lab	LCS, rec	4/1/2022	Pesticide	Coumaphos	n/a	=	154	%	EPA 625.1m	-88	-88	10	200	
2021/22-3	Lab	method blank	4/1/2022	Pesticide	Coumaphos	n/a	<	0.0051	µg/L	EPA 625.1m	0.0051	0.01			
2021/22-3	Lab	LCS	4/7/2022	Pesticide	Coumaphos	n/a	=	0.0744	µg/L	EPA 625.1m	0.0051	0.01			
2021/22-3	Lab	LCS, rec	4/7/2022	Pesticide	Coumaphos	n/a	=	149	%	EPA 625.1m	-88	-88	10	200	
2021/22-3	Lab	method blank	4/8/2022	Pesticide	Coumaphos	n/a	<	0.0051	µg/L	EPA 625.1m	0.0051	0.01			
2021/22-3	ME-CC	matrix spike	4/1/2022	Pesticide	Coumaphos	n/a	=	0.244	µg/L	EPA 625.1m	0.01	0.02			GB
2021/22-3	ME-CC	matrix spike, rec	4/1/2022	Pesticide	Coumaphos	n/a	=	244	%	EPA 625.1m	-88	-88	0.1	190	GB
2021/22-3	ME-CC	matrix spike dup	4/1/2022	Pesticide	Coumaphos	n/a	=	0.212	µg/L	EPA 625.1m	0.01	0.02			GB
2021/22-3	ME-CC	matrix spike dup, rec	4/1/2022	Pesticide	Coumaphos	n/a	=	212	%	EPA 625.1m	-88	-88	0.1	190	GB
2021/22-3	ME-CC	matrix spike, RPD	4/1/2022	Pesticide	Coumaphos	n/a	=	14	%	EPA 625.1m	-88	-88	0	30	GB
2021/22-3	MO-SPA	matrix spike	4/7/2022	Pesticide	Coumaphos	n/a	=	0.166	µg/L	EPA 625.1m	0.01	0.02			
2021/22-3	MO-SPA	matrix spike, rec	4/7/2022	Pesticide	Coumaphos	n/a	=	166	%	EPA 625.1m	-88	-88	0.1	190	
2021/22-3	MO-SPA	matrix spike dup	4/7/2022	Pesticide	Coumaphos	n/a	=	0.179	µg/L	EPA 625.1m	0.01	0.02			
2021/22-3	MO-SPA	matrix spike dup, rec	4/7/2022	Pesticide	Coumaphos	n/a	=	179	%	EPA 625.1m	-88	-88	0.1	190	
2021/22-3	MO-SPA	matrix spike, RPD	4/7/2022	Pesticide	Coumaphos	n/a	=	8	%	EPA 625.1m	-88	-88	0	30	
2021/22-3	000NONPJ	matrix spike	3/31/2022	Pesticide	Dalapon	n/a	=	9.36	µg/L	EPA 515.4	0.11	0.4			
2021/22-3	000NONPJ	matrix spike, rec	3/31/2022	Pesticide	Dalapon	n/a	=	117	%	EPA 515.4	-88	-88	70	130	
2021/22-3	000NONPJ	matrix spike dup	3/31/2022	Pesticide	Dalapon	n/a	=	9.51	µg/L	EPA 515.4	0.11	0.4			
2021/22-3	000NONPJ	matrix spike dup, rec	3/31/2022	Pesticide	Dalapon	n/a	=	119	%	EPA 515.4	-88	-88	70	130	
2021/22-3	000NONPJ	matrix spike, RPD	3/31/2022	Pesticide	Dalapon	n/a	=	2	%	EPA 515.4	-88	-88	0	30	
2021/22-3	Lab	method blank	3/31/2022	Pesticide	Dalapon	n/a	<	0.11	µg/L	EPA 515.4	0.11	0.4			
2021/22-3	Lab	LCS	3/31/2022	Pesticide	Dalapon	n/a	=	8.59	µg/L	EPA 515.4	0.11	0.4			
2021/22-3	Lab	LCS, rec	3/31/2022	Pesticide	Dalapon	n/a	=	107	%	EPA 515.4	-88	-88	70	130	
2021/22-3	000NONPJ	matrix spike	3/31/2022	Pesticide	DCPA (Dacthal)	n/a	=	3.87	µg/L	EPA 515.4	0.029	0.1			
2021/22-3	000NONPJ	matrix spike, rec	3/31/2022	Pesticide	DCPA (Dacthal)	n/a	=	97	%	EPA 515.4	-88	-88	70	130	
2021/22-3	000NONPJ	matrix spike dup	3/31/2022	Pesticide	DCPA (Dacthal)	n/a	=	4.02	µg/L	EPA 515.4	0.029	0.1			
2021/22-3	000NONPJ	matrix spike dup, rec	3/31/2022	Pesticide	DCPA (Dacthal)	n/a	=	100	%	EPA 515.4	-88	-88	70	130	
2021/22-3	000NONPJ	matrix spike, RPD	3/31/2022	Pesticide	DCPA (Dacthal)	n/a	=	4	%	EPA 515.4	-88	-88	0	30	
2021/22-3	Lab	method blank	3/31/2022	Pesticide	DCPA (Dacthal)	n/a	<	0.029	µg/L	EPA 515.4	0.029	0.1			
2021/22-3	Lab	LCS	3/31/2022	Pesticide	DCPA (Dacthal)	n/a	=	4.1	µg/L	EPA 515.4	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	
2021/22-3	Lab	LCS, rec	3/31/2022	Pesticide	DCPA (Dacthal)	n/a	=	102	%	EPA 515.4	-88	-88	70	130	
2021/22-3	Lab	method blank	4/9/2022	Pesticide	delta-BHC	n/a	<	0.0019	µg/L	EPA 608.3	0.0019	0.005			
2021/22-3	Lab	LCS	4/9/2022	Pesticide	delta-BHC	n/a	=	0.0637	µg/L	EPA 608.3	0.0019	0.005			
2021/22-3	Lab	LCS, rec	4/9/2022	Pesticide	delta-BHC	n/a	=	64	%	EPA 608.3	-88	-88	51	130	
2021/22-3	Lab	LCS dup	4/9/2022	Pesticide	delta-BHC	n/a	=	0.0758	µg/L	EPA 608.3	0.0019	0.005			
2021/22-3	Lab	LCS dup, rec	4/9/2022	Pesticide	delta-BHC	n/a	=	76	%	EPA 608.3	-88	-88	51	130	
2021/22-3	Lab	LCS, RPD	4/9/2022	Pesticide	delta-BHC	n/a	=	17	%	EPA 608.3	-88	-88	0	30	
2021/22-3	Lab	LCS	4/1/2022	Pesticide	Demeton-O	n/a	=	0.0332	µg/L	EPA 625.1m	0.01	0.01			
2021/22-3	Lab	LCS, rec	4/1/2022	Pesticide	Demeton-O	n/a	=	66	%	EPA 625.1m	-88	-88	23	121	
2021/22-3	Lab	method blank	4/1/2022	Pesticide	Demeton-O	n/a	<	0.01	µg/L	EPA 625.1m	0.01	0.01			
2021/22-3	Lab	LCS	4/7/2022	Pesticide	Demeton-O	n/a	=	0.0385	µg/L	EPA 625.1m	0.01	0.01			
2021/22-3	Lab	LCS, rec	4/7/2022	Pesticide	Demeton-O	n/a	=	77	%	EPA 625.1m	-88	-88	23	121	
2021/22-3	Lab	method blank	4/8/2022	Pesticide	Demeton-O	n/a	<	0.01	µg/L	EPA 625.1m	0.01	0.01			
2021/22-3	ME-CC	matrix spike	4/1/2022	Pesticide	Demeton-O	n/a	=	0.0984	µg/L	EPA 625.1m	0.02	0.02			
2021/22-3	ME-CC	matrix spike, rec	4/1/2022	Pesticide	Demeton-O	n/a	=	98	%	EPA 625.1m	-88	-88	63	151	IL
2021/22-3	ME-CC	matrix spike dup	4/1/2022	Pesticide	Demeton-O	n/a	=	0.0695	µg/L	EPA 625.1m	0.02	0.02			
2021/22-3	ME-CC	matrix spike dup, rec	4/1/2022	Pesticide	Demeton-O	n/a	=	69	%	EPA 625.1m	-88	-88	63	151	IL
2021/22-3	ME-CC	matrix spike, RPD	4/1/2022	Pesticide	Demeton-O	n/a	=	34	%	EPA 625.1m	-88	-88	0	30	IL
2021/22-3	MO-SPA	matrix spike	4/7/2022	Pesticide	Demeton-O	n/a	=	0.07	µg/L	EPA 625.1m	0.02	0.02			
2021/22-3	MO-SPA	matrix spike, rec	4/7/2022	Pesticide	Demeton-O	n/a	=	70	%	EPA 625.1m	-88	-88	63	151	
2021/22-3	MO-SPA	matrix spike dup	4/7/2022	Pesticide	Demeton-O	n/a	=	0.0572	µg/L	EPA 625.1m	0.02	0.02			GB
2021/22-3	MO-SPA	matrix spike dup, rec	4/7/2022	Pesticide	Demeton-O	n/a	=	57	%	EPA 625.1m	-88	-88	63	151	GB
2021/22-3	MO-SPA	matrix spike, RPD	4/7/2022	Pesticide	Demeton-O	n/a	=	20	%	EPA 625.1m	-88	-88	0	30	GB
2021/22-3	Lab	LCS	4/1/2022	Pesticide	Demeton-S	n/a	=	0.0517	µg/L	EPA 625.1m	0.01	0.01			
2021/22-3	Lab	LCS, rec	4/1/2022	Pesticide	Demeton-S	n/a	=	103	%	EPA 625.1m	-88	-88	53	147	
2021/22-3	Lab	method blank	4/1/2022	Pesticide	Demeton-S	n/a	<	0.01	µg/L	EPA 625.1m	0.01	0.01			
2021/22-3	Lab	LCS	4/7/2022	Pesticide	Demeton-S	n/a	=	0.0519	µg/L	EPA 625.1m	0.01	0.01			
2021/22-3	Lab	LCS, rec	4/7/2022	Pesticide	Demeton-S	n/a	=	104	%	EPA 625.1m	-88	-88	53	147	
2021/22-3	Lab	method blank	4/8/2022	Pesticide	Demeton-S	n/a	<	0.01	µg/L	EPA 625.1m	0.01	0.01			
2021/22-3	ME-CC	matrix spike	4/1/2022	Pesticide	Demeton-S	n/a	=	0.14	µg/L	EPA 625.1m	0.02	0.02			
2021/22-3	ME-CC	matrix spike, rec	4/1/2022	Pesticide	Demeton-S	n/a	=	140	%	EPA 625.1m	-88	-88	0.1	204	
2021/22-3	ME-CC	matrix spike dup	4/1/2022	Pesticide	Demeton-S	n/a	=	0.14	µg/L	EPA 625.1m	0.02	0.02			
2021/22-3	ME-CC	matrix spike dup, rec	4/1/2022	Pesticide	Demeton-S	n/a	=	140	%	EPA 625.1m	-88	-88	0.1	204	
2021/22-3	ME-CC	matrix spike, RPD	4/1/2022	Pesticide	Demeton-S	n/a	=	0.3	%	EPA 625.1m	-88	-88	0	30	
2021/22-3	MO-SPA	matrix spike	4/7/2022	Pesticide	Demeton-S	n/a	=	0.0843	µg/L	EPA 625.1m	0.02	0.02			
2021/22-3	MO-SPA	matrix spike, rec	4/7/2022	Pesticide	Demeton-S	n/a	=	84	%	EPA 625.1m	-88	-88	0.1	204	
2021/22-3	MO-SPA	matrix spike dup	4/7/2022	Pesticide	Demeton-S	n/a	=	0.0853	µg/L	EPA 625.1m	0.02	0.02			
2021/22-3	MO-SPA	matrix spike dup, rec	4/7/2022	Pesticide	Demeton-S	n/a	=	85	%	EPA 625.1m	-88	-88	0.1	204	
2021/22-3	MO-SPA	matrix spike, RPD	4/7/2022	Pesticide	Demeton-S	n/a	=	1	%	EPA 625.1m	-88	-88	0	30	
2021/22-3	Lab	method blank	3/31/2022	Pesticide	Diazinon	n/a	<	0.022	µg/L	EPA 525.2	0.022	0.1			
2021/22-3	Lab	LCS	3/31/2022	Pesticide	Diazinon	n/a	=	4.88	µg/L	EPA 525.2	0.022	0.1			
2021/22-3	Lab	LCS, rec	3/31/2022	Pesticide	Diazinon	n/a	=	98	%	EPA 525.2	-88	-88	50	120	
2021/22-3	Lab	LCS dup	3/31/2022	Pesticide	Diazinon	n/a	=	5.01	µg/L	EPA 525.2	0.022	0.1			
2021/22-3	Lab	LCS dup, rec	3/31/2022	Pesticide	Diazinon	n/a	=	100	%	EPA 525.2	-88	-88	50	120	
2021/22-3	Lab	LCS, RPD	3/31/2022	Pesticide	Diazinon	n/a	=	3	%	EPA 525.2	-88	-88	0	30	
2021/22-3	Lab	LCS	4/1/2022	Pesticide	Diazinon	n/a	=	0.0427	µg/L	EPA 625.1m	0.0052	0.01			
2021/22-3	Lab	LCS, rec	4/1/2022	Pesticide	Diazinon	n/a	=	85	%	EPA 625.1m	-88	-88	75	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	
2021/22-3	Lab	method blank	4/1/2022	Pesticide	Diazinon	n/a	<	0.0052	µg/L	EPA 625.1m	0.0052	0.01			
2021/22-3	Lab	LCS	4/7/2022	Pesticide	Diazinon	n/a	=	0.0417	µg/L	EPA 625.1m	0.0052	0.01			
2021/22-3	Lab	LCS, rec	4/7/2022	Pesticide	Diazinon	n/a	=	83	%	EPA 625.1m	-88	-88	75	150	
2021/22-3	Lab	method blank	4/8/2022	Pesticide	Diazinon	n/a	<	0.0052	µg/L	EPA 625.1m	0.0052	0.01			
2021/22-3	Lab	method blank	4/14/2022	Pesticide	Diazinon	n/a	<	0.022	µg/L	EPA 525.2	0.022	0.1			
2021/22-3	Lab	LCS	4/14/2022	Pesticide	Diazinon	n/a	=	4.98	µg/L	EPA 525.2	0.022	0.1			
2021/22-3	Lab	LCS, rec	4/14/2022	Pesticide	Diazinon	n/a	=	100	%	EPA 525.2	-88	-88	50	120	
2021/22-3	Lab	LCS dup	4/14/2022	Pesticide	Diazinon	n/a	=	5.02	µg/L	EPA 525.2	0.022	0.1			
2021/22-3	Lab	LCS dup, rec	4/14/2022	Pesticide	Diazinon	n/a	=	100	%	EPA 525.2	-88	-88	50	120	
2021/22-3	Lab	LCS, RPD	4/14/2022	Pesticide	Diazinon	n/a	=	0.8	%	EPA 525.2	-88	-88	0	30	
2021/22-3	ME-CC	matrix spike	4/1/2022	Pesticide	Diazinon	n/a	=	0.109	µg/L	EPA 625.1m	0.01	0.02			
2021/22-3	ME-CC	matrix spike, rec	4/1/2022	Pesticide	Diazinon	n/a	=	109	%	EPA 625.1m	-88	-88	46	139	
2021/22-3	ME-CC	matrix spike dup	4/1/2022	Pesticide	Diazinon	n/a	=	0.0924	µg/L	EPA 625.1m	0.01	0.02			
2021/22-3	ME-CC	matrix spike dup, rec	4/1/2022	Pesticide	Diazinon	n/a	=	92	%	EPA 625.1m	-88	-88	46	139	
2021/22-3	ME-CC	matrix spike, RPD	4/1/2022	Pesticide	Diazinon	n/a	=	16	%	EPA 625.1m	-88	-88	0	30	
2021/22-3	MO-SPA	matrix spike	4/7/2022	Pesticide	Diazinon	n/a	=	0.0722	µg/L	EPA 625.1m	0.01	0.02			
2021/22-3	MO-SPA	matrix spike, rec	4/7/2022	Pesticide	Diazinon	n/a	=	72	%	EPA 625.1m	-88	-88	46	139	
2021/22-3	MO-SPA	matrix spike dup	4/7/2022	Pesticide	Diazinon	n/a	=	0.066	µg/L	EPA 625.1m	0.01	0.02			
2021/22-3	MO-SPA	matrix spike dup, rec	4/7/2022	Pesticide	Diazinon	n/a	=	66	%	EPA 625.1m	-88	-88	46	139	
2021/22-3	MO-SPA	matrix spike, RPD	4/7/2022	Pesticide	Diazinon	n/a	=	9	%	EPA 625.1m	-88	-88	0	30	
2021/22-3	000NONPJ	matrix spike	3/31/2022	Pesticide	Dicamba	n/a	=	8.09	µg/L	EPA 515.4	0.049	0.6			
2021/22-3	000NONPJ	matrix spike, rec	3/31/2022	Pesticide	Dicamba	n/a	=	101	%	EPA 515.4	-88	-88	70	130	
2021/22-3	000NONPJ	matrix spike dup	3/31/2022	Pesticide	Dicamba	n/a	=	8.16	µg/L	EPA 515.4	0.049	0.6			
2021/22-3	000NONPJ	matrix spike dup, rec	3/31/2022	Pesticide	Dicamba	n/a	=	102	%	EPA 515.4	-88	-88	70	130	
2021/22-3	000NONPJ	matrix spike, RPD	3/31/2022	Pesticide	Dicamba	n/a	=	0.9	%	EPA 515.4	-88	-88	0	30	
2021/22-3	Lab	method blank	3/31/2022	Pesticide	Dicamba	n/a	<	0.049	µg/L	EPA 515.4	0.049	0.6			
2021/22-3	Lab	LCS	3/31/2022	Pesticide	Dicamba	n/a	=	8.02	µg/L	EPA 515.4	0.049	0.6			
2021/22-3	Lab	LCS, rec	3/31/2022	Pesticide	Dicamba	n/a	=	100	%	EPA 515.4	-88	-88	70	130	
2021/22-3	000NONPJ	matrix spike	3/31/2022	Pesticide	Dichlorprop	n/a	=	7.82	µg/L	EPA 515.4	0.12	0.3			
2021/22-3	000NONPJ	matrix spike, rec	3/31/2022	Pesticide	Dichlorprop	n/a	=	98	%	EPA 515.4	-88	-88	70	130	
2021/22-3	000NONPJ	matrix spike dup	3/31/2022	Pesticide	Dichlorprop	n/a	=	7.8	µg/L	EPA 515.4	0.12	0.3			
2021/22-3	000NONPJ	matrix spike dup, rec	3/31/2022	Pesticide	Dichlorprop	n/a	=	98	%	EPA 515.4	-88	-88	70	130	
2021/22-3	000NONPJ	matrix spike, RPD	3/31/2022	Pesticide	Dichlorprop	n/a	=	0.3	%	EPA 515.4	-88	-88	0	30	
2021/22-3	Lab	method blank	3/31/2022	Pesticide	Dichlorprop	n/a	<	0.12	µg/L	EPA 515.4	0.12	0.3			
2021/22-3	Lab	LCS	3/31/2022	Pesticide	Dichlorprop	n/a	=	8.18	µg/L	EPA 515.4	0.12	0.3			
2021/22-3	Lab	LCS, rec	3/31/2022	Pesticide	Dichlorprop	n/a	=	102	%	EPA 515.4	-88	-88	70	130	
2021/22-3	Lab	LCS	4/1/2022	Pesticide	Dichlorvos	n/a	=	0.0293	µg/L	EPA 625.1m	0.0029	0.01			
2021/22-3	Lab	LCS, rec	4/1/2022	Pesticide	Dichlorvos	n/a	=	59	%	EPA 625.1m	-88	-88	39	118	
2021/22-3	Lab	method blank	4/1/2022	Pesticide	Dichlorvos	n/a	<	0.0029	µg/L	EPA 625.1m	0.0029	0.01			
2021/22-3	Lab	LCS	4/7/2022	Pesticide	Dichlorvos	n/a	=	0.0327	µg/L	EPA 625.1m	0.0029	0.01			
2021/22-3	Lab	LCS, rec	4/7/2022	Pesticide	Dichlorvos	n/a	=	65	%	EPA 625.1m	-88	-88	39	118	
2021/22-3	Lab	method blank	4/8/2022	Pesticide	Dichlorvos	n/a	<	0.0029	µg/L	EPA 625.1m	0.0029	0.01			
2021/22-3	ME-CC	matrix spike	4/1/2022	Pesticide	Dichlorvos	n/a	=	0.0869	µg/L	EPA 625.1m	0.0058	0.02			
2021/22-3	ME-CC	matrix spike, rec	4/1/2022	Pesticide	Dichlorvos	n/a	=	87	%	EPA 625.1m	-88	-88	52	132	
2021/22-3	ME-CC	matrix spike dup	4/1/2022	Pesticide	Dichlorvos	n/a	=	0.0757	µg/L	EPA 625.1m	0.0058	0.02			
2021/22-3	ME-CC	matrix spike dup, rec	4/1/2022	Pesticide	Dichlorvos	n/a	=	76	%	EPA 625.1m	-88	-88	52	132	
2021/22-3	ME-CC	matrix spike, RPD	4/1/2022	Pesticide	Dichlorvos	n/a	=	14	%	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	
2021/22-3	MO-SPA	matrix spike	4/7/2022	Pesticide	Dichlorvos	n/a	=	0.058	µg/L	EPA 625.1m	0.0058	0.02			
2021/22-3	MO-SPA	matrix spike, rec	4/7/2022	Pesticide	Dichlorvos	n/a	=	58	%	EPA 625.1m	-88	-88	52	132	
2021/22-3	MO-SPA	matrix spike dup	4/7/2022	Pesticide	Dichlorvos	n/a	=	0.053	µg/L	EPA 625.1m	0.0058	0.02			
2021/22-3	MO-SPA	matrix spike dup, rec	4/7/2022	Pesticide	Dichlorvos	n/a	=	53	%	EPA 625.1m	-88	-88	52	132	
2021/22-3	MO-SPA	matrix spike, RPD	4/7/2022	Pesticide	Dichlorvos	n/a	=	9	%	EPA 625.1m	-88	-88	0	30	
2021/22-3	Lab	method blank	4/9/2022	Pesticide	Dieldrin	n/a	<	0.0008	µg/L	EPA 608.3	0.0008	0.01			
2021/22-3	Lab	LCS	4/9/2022	Pesticide	Dieldrin	n/a	=	0.0659	µg/L	EPA 608.3	0.0008	0.01			
2021/22-3	Lab	LCS, rec	4/9/2022	Pesticide	Dieldrin	n/a	=	66	%	EPA 608.3	-88	-88	58	130	
2021/22-3	Lab	LCS dup	4/9/2022	Pesticide	Dieldrin	n/a	=	0.0756	µg/L	EPA 608.3	0.0008	0.01			
2021/22-3	Lab	LCS dup, rec	4/9/2022	Pesticide	Dieldrin	n/a	=	76	%	EPA 608.3	-88	-88	58	130	
2021/22-3	Lab	LCS, RPD	4/9/2022	Pesticide	Dieldrin	n/a	=	14	%	EPA 608.3	-88	-88	0	30	
2021/22-3	Lab	method blank	3/31/2022	Pesticide	Dimethoate	n/a	<	0.02	µg/L	EPA 525.2	0.02	0.2			
2021/22-3	Lab	LCS	3/31/2022	Pesticide	Dimethoate	n/a	=	6.38	µg/L	EPA 525.2	0.02	0.2			EUM
2021/22-3	Lab	LCS, rec	3/31/2022	Pesticide	Dimethoate	n/a	=	128	%	EPA 525.2	-88	-88	50	120	EUM
2021/22-3	Lab	LCS dup	3/31/2022	Pesticide	Dimethoate	n/a	=	6.32	µg/L	EPA 525.2	0.02	0.2			EUM
2021/22-3	Lab	LCS dup, rec	3/31/2022	Pesticide	Dimethoate	n/a	=	126	%	EPA 525.2	-88	-88	50	120	EUM
2021/22-3	Lab	LCS, RPD	3/31/2022	Pesticide	Dimethoate	n/a	=	0.9	%	EPA 525.2	-88	-88	0	30	EUM
2021/22-3	Lab	LCS	4/1/2022	Pesticide	Dimethoate	n/a	=	0.159	µg/L	EPA 625.1m	0.0062	0.01			EUM
2021/22-3	Lab	LCS, rec	4/1/2022	Pesticide	Dimethoate	n/a	=	318	%	EPA 625.1m	-88	-88	10	200	EUM
2021/22-3	Lab	method blank	4/1/2022	Pesticide	Dimethoate	n/a	<	0.0062	µg/L	EPA 625.1m	0.0062	0.01			
2021/22-3	Lab	LCS	4/7/2022	Pesticide	Dimethoate	n/a	=	0.0998	µg/L	EPA 625.1m	0.0062	0.01			
2021/22-3	Lab	LCS, rec	4/7/2022	Pesticide	Dimethoate	n/a	=	200	%	EPA 625.1m	-88	-88	10	200	
2021/22-3	Lab	method blank	4/8/2022	Pesticide	Dimethoate	n/a	<	0.0062	µg/L	EPA 625.1m	0.0062	0.01			
2021/22-3	Lab	method blank	4/14/2022	Pesticide	Dimethoate	n/a	<	0.02	µg/L	EPA 525.2	0.02	0.2			
2021/22-3	Lab	LCS	4/14/2022	Pesticide	Dimethoate	n/a	=	6.3	µg/L	EPA 525.2	0.02	0.2			EUM
2021/22-3	Lab	LCS, rec	4/14/2022	Pesticide	Dimethoate	n/a	=	126	%	EPA 525.2	-88	-88	50	120	EUM
2021/22-3	Lab	LCS dup	4/14/2022	Pesticide	Dimethoate	n/a	=	6.51	µg/L	EPA 525.2	0.02	0.2			EUM
2021/22-3	Lab	LCS dup, rec	4/14/2022	Pesticide	Dimethoate	n/a	=	130	%	EPA 525.2	-88	-88	50	120	EUM
2021/22-3	Lab	LCS, RPD	4/14/2022	Pesticide	Dimethoate	n/a	=	3	%	EPA 525.2	-88	-88	0	30	EUM
2021/22-3	ME-CC	matrix spike	4/1/2022	Pesticide	Dimethoate	n/a	=	0.413	µg/L	EPA 625.1m	0.012	0.02			GB
2021/22-3	ME-CC	matrix spike, rec	4/1/2022	Pesticide	Dimethoate	n/a	=	413	%	EPA 625.1m	-88	-88	0.1	208	GB
2021/22-3	ME-CC	matrix spike dup	4/1/2022	Pesticide	Dimethoate	n/a	=	0.408	µg/L	EPA 625.1m	0.012	0.02			GB
2021/22-3	ME-CC	matrix spike dup, rec	4/1/2022	Pesticide	Dimethoate	n/a	=	408	%	EPA 625.1m	-88	-88	0.1	208	GB
2021/22-3	ME-CC	matrix spike, RPD	4/1/2022	Pesticide	Dimethoate	n/a	=	1	%	EPA 625.1m	-88	-88	0	30	GB
2021/22-3	MO-SPA	matrix spike	4/7/2022	Pesticide	Dimethoate	n/a	=	0.285	µg/L	EPA 625.1m	0.012	0.02			GB
2021/22-3	MO-SPA	matrix spike, rec	4/7/2022	Pesticide	Dimethoate	n/a	=	285	%	EPA 625.1m	-88	-88	0.1	208	GB
2021/22-3	MO-SPA	matrix spike dup	4/7/2022	Pesticide	Dimethoate	n/a	=	0.289	µg/L	EPA 625.1m	0.012	0.02			GB
2021/22-3	MO-SPA	matrix spike dup, rec	4/7/2022	Pesticide	Dimethoate	n/a	=	289	%	EPA 625.1m	-88	-88	0.1	208	GB
2021/22-3	MO-SPA	matrix spike, RPD	4/7/2022	Pesticide	Dimethoate	n/a	=	1	%	EPA 625.1m	-88	-88	0	30	GB
2021/22-3	000NONPJ	matrix spike	3/31/2022	Pesticide	Dinoseb	n/a	=	3.88	µg/L	EPA 515.4	0.033	0.4			
2021/22-3	000NONPJ	matrix spike, rec	3/31/2022	Pesticide	Dinoseb	n/a	=	97	%	EPA 515.4	-88	-88	70	130	
2021/22-3	000NONPJ	matrix spike dup	3/31/2022	Pesticide	Dinoseb	n/a	=	4	µg/L	EPA 515.4	0.033	0.4			
2021/22-3	000NONPJ	matrix spike dup, rec	3/31/2022	Pesticide	Dinoseb	n/a	=	100	%	EPA 515.4	-88	-88	70	130	
2021/22-3	000NONPJ	matrix spike, RPD	3/31/2022	Pesticide	Dinoseb	n/a	=	3	%	EPA 515.4	-88	-88	0	30	
2021/22-3	Lab	method blank	3/31/2022	Pesticide	Dinoseb	n/a	<	0.033	µg/L	EPA 515.4	0.033	0.4			
2021/22-3	Lab	LCS	3/31/2022	Pesticide	Dinoseb	n/a	=	4.15	µg/L	EPA 515.4	0.033	0.4			
2021/22-3	Lab	LCS, rec	3/31/2022	Pesticide	Dinoseb	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	
2021/22-3	Lab	method blank	3/31/2022	Pesticide	Diphenamid	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1			
2021/22-3	Lab	LCS	3/31/2022	Pesticide	Diphenamid	n/a	=	5.98	µg/L	EPA 525.2	0.03	0.1			
2021/22-3	Lab	LCS, rec	3/31/2022	Pesticide	Diphenamid	n/a	=	120	%	EPA 525.2	-88	-88	70	130	
2021/22-3	Lab	LCS dup	3/31/2022	Pesticide	Diphenamid	n/a	=	5.57	µg/L	EPA 525.2	0.03	0.1			
2021/22-3	Lab	LCS dup, rec	3/31/2022	Pesticide	Diphenamid	n/a	=	111	%	EPA 525.2	-88	-88	70	130	
2021/22-3	Lab	LCS, RPD	3/31/2022	Pesticide	Diphenamid	n/a	=	7	%	EPA 525.2	-88	-88	0	30	
2021/22-3	Lab	method blank	4/14/2022	Pesticide	Diphenamid	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1			
2021/22-3	Lab	LCS	4/14/2022	Pesticide	Diphenamid	n/a	=	6.12	µg/L	EPA 525.2	0.03	0.1			
2021/22-3	Lab	LCS, rec	4/14/2022	Pesticide	Diphenamid	n/a	=	122	%	EPA 525.2	-88	-88	70	130	
2021/22-3	Lab	LCS dup	4/14/2022	Pesticide	Diphenamid	n/a	=	6.14	µg/L	EPA 525.2	0.03	0.1			
2021/22-3	Lab	LCS dup, rec	4/14/2022	Pesticide	Diphenamid	n/a	=	123	%	EPA 525.2	-88	-88	70	130	
2021/22-3	Lab	LCS, RPD	4/14/2022	Pesticide	Diphenamid	n/a	=	0.2	%	EPA 525.2	-88	-88	0	30	
2021/22-3	Lab	method blank	3/31/2022	Pesticide	Disulfoton	n/a	<	0.015	µg/L	EPA 525.2	0.015	0.1			
2021/22-3	Lab	LCS	3/31/2022	Pesticide	Disulfoton	n/a	=	6.05	µg/L	EPA 525.2	0.015	0.1			EUM
2021/22-3	Lab	LCS, rec	3/31/2022	Pesticide	Disulfoton	n/a	=	121	%	EPA 525.2	-88	-88	50	120	EUM
2021/22-3	Lab	LCS dup	3/31/2022	Pesticide	Disulfoton	n/a	=	5.72	µg/L	EPA 525.2	0.015	0.1			
2021/22-3	Lab	LCS dup, rec	3/31/2022	Pesticide	Disulfoton	n/a	=	114	%	EPA 525.2	-88	-88	50	120	
2021/22-3	Lab	LCS, RPD	3/31/2022	Pesticide	Disulfoton	n/a	=	6	%	EPA 525.2	-88	-88	0	30	
2021/22-3	Lab	LCS	4/1/2022	Pesticide	Disulfoton	n/a	=	0.0416	µg/L	EPA 625.1m	0.01	0.01			
2021/22-3	Lab	LCS, rec	4/1/2022	Pesticide	Disulfoton	n/a	=	83	%	EPA 625.1m	-88	-88	65	121	
2021/22-3	Lab	method blank	4/1/2022	Pesticide	Disulfoton	n/a	<	0.01	µg/L	EPA 625.1m	0.01	0.01			
2021/22-3	Lab	LCS	4/7/2022	Pesticide	Disulfoton	n/a	=	0.0431	µg/L	EPA 625.1m	0.01	0.01			
2021/22-3	Lab	LCS, rec	4/7/2022	Pesticide	Disulfoton	n/a	=	86	%	EPA 625.1m	-88	-88	65	121	
2021/22-3	Lab	method blank	4/8/2022	Pesticide	Disulfoton	n/a	<	0.01	µg/L	EPA 625.1m	0.01	0.01			
2021/22-3	Lab	method blank	4/14/2022	Pesticide	Disulfoton	n/a	<	0.015	µg/L	EPA 525.2	0.015	0.1			
2021/22-3	Lab	LCS	4/14/2022	Pesticide	Disulfoton	n/a	=	5.1	µg/L	EPA 525.2	0.015	0.1			
2021/22-3	Lab	LCS, rec	4/14/2022	Pesticide	Disulfoton	n/a	=	102	%	EPA 525.2	-88	-88	50	120	
2021/22-3	Lab	LCS dup	4/14/2022	Pesticide	Disulfoton	n/a	=	5.27	µg/L	EPA 525.2	0.015	0.1			
2021/22-3	Lab	LCS dup, rec	4/14/2022	Pesticide	Disulfoton	n/a	=	105	%	EPA 525.2	-88	-88	50	120	
2021/22-3	Lab	LCS, RPD	4/14/2022	Pesticide	Disulfoton	n/a	=	3	%	EPA 525.2	-88	-88	0	30	
2021/22-3	ME-CC	matrix spike	4/1/2022	Pesticide	Disulfoton	n/a	=	0.125	µg/L	EPA 625.1m	0.02	0.02			
2021/22-3	ME-CC	matrix spike, rec	4/1/2022	Pesticide	Disulfoton	n/a	=	125	%	EPA 625.1m	-88	-88	33	172	
2021/22-3	ME-CC	matrix spike dup	4/1/2022	Pesticide	Disulfoton	n/a	=	0.109	µg/L	EPA 625.1m	0.02	0.02			
2021/22-3	ME-CC	matrix spike dup, rec	4/1/2022	Pesticide	Disulfoton	n/a	=	109	%	EPA 625.1m	-88	-88	33	172	
2021/22-3	ME-CC	matrix spike, RPD	4/1/2022	Pesticide	Disulfoton	n/a	=	13	%	EPA 625.1m	-88	-88	0	30	
2021/22-3	MO-SPA	matrix spike	4/7/2022	Pesticide	Disulfoton	n/a	=	0.0763	µg/L	EPA 625.1m	0.02	0.02			
2021/22-3	MO-SPA	matrix spike, rec	4/7/2022	Pesticide	Disulfoton	n/a	=	76	%	EPA 625.1m	-88	-88	33	172	
2021/22-3	MO-SPA	matrix spike dup	4/7/2022	Pesticide	Disulfoton	n/a	=	0.0674	µg/L	EPA 625.1m	0.02	0.02			
2021/22-3	MO-SPA	matrix spike dup, rec	4/7/2022	Pesticide	Disulfoton	n/a	=	67	%	EPA 625.1m	-88	-88	33	172	
2021/22-3	MO-SPA	matrix spike, RPD	4/7/2022	Pesticide	Disulfoton	n/a	=	12	%	EPA 625.1m	-88	-88	0	30	
2021/22-3	Lab	method blank	4/9/2022	Pesticide	Endosulfan I	n/a	<	0.0009	µg/L	EPA 608.3	0.0009	0.02			
2021/22-3	Lab	LCS	4/9/2022	Pesticide	Endosulfan I	n/a	=	0.0686	µg/L	EPA 608.3	0.0009	0.02			
2021/22-3	Lab	LCS, rec	4/9/2022	Pesticide	Endosulfan I	n/a	=	69	%	EPA 608.3	-88	-88	57	141	
2021/22-3	Lab	LCS dup	4/9/2022	Pesticide	Endosulfan I	n/a	=	0.0737	µg/L	EPA 608.3	0.0009	0.02			
2021/22-3	Lab	LCS dup, rec	4/9/2022	Pesticide	Endosulfan I	n/a	=	74	%	EPA 608.3	-88	-88	57	141	
2021/22-3	Lab	LCS, RPD	4/9/2022	Pesticide	Endosulfan I	n/a	=	7	%	EPA 608.3	-88	-88	0	30	
2021/22-3	Lab	method blank	4/9/2022	Pesticide	Endosulfan II	n/a	<	0.0007	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	
2021/22-3	Lab	LCS	4/9/2022	Pesticide	Endosulfan II	n/a	=	0.0733	µg/L	EPA 608.3	0.0007	0.01			
2021/22-3	Lab	LCS, rec	4/9/2022	Pesticide	Endosulfan II	n/a	=	73	%	EPA 608.3	-88	-88	22	171	
2021/22-3	Lab	LCS dup	4/9/2022	Pesticide	Endosulfan II	n/a	=	0.0811	µg/L	EPA 608.3	0.0007	0.01			
2021/22-3	Lab	LCS dup, rec	4/9/2022	Pesticide	Endosulfan II	n/a	=	81	%	EPA 608.3	-88	-88	22	171	
2021/22-3	Lab	LCS, RPD	4/9/2022	Pesticide	Endosulfan II	n/a	=	10	%	EPA 608.3	-88	-88	0	30	
2021/22-3	Lab	method blank	4/9/2022	Pesticide	Endosulfan sulfate	n/a	<	0.0013	µg/L	EPA 608.3	0.0013	0.05			
2021/22-3	Lab	LCS	4/9/2022	Pesticide	Endosulfan sulfate	n/a	=	0.0809	µg/L	EPA 608.3	0.0013	0.05			
2021/22-3	Lab	LCS, rec	4/9/2022	Pesticide	Endosulfan sulfate	n/a	=	81	%	EPA 608.3	-88	-88	38	132	
2021/22-3	Lab	LCS dup	4/9/2022	Pesticide	Endosulfan sulfate	n/a	=	0.0952	µg/L	EPA 608.3	0.0013	0.05			
2021/22-3	Lab	LCS dup, rec	4/9/2022	Pesticide	Endosulfan sulfate	n/a	=	95	%	EPA 608.3	-88	-88	38	132	
2021/22-3	Lab	LCS, RPD	4/9/2022	Pesticide	Endosulfan sulfate	n/a	=	16	%	EPA 608.3	-88	-88	0	30	
2021/22-3	Lab	method blank	4/9/2022	Pesticide	Endrin	n/a	<	0.0017	µg/L	EPA 608.3	0.0017	0.01			
2021/22-3	Lab	LCS	4/9/2022	Pesticide	Endrin	n/a	=	0.0752	µg/L	EPA 608.3	0.0017	0.01			
2021/22-3	Lab	LCS, rec	4/9/2022	Pesticide	Endrin	n/a	=	75	%	EPA 608.3	-88	-88	51	130	
2021/22-3	Lab	LCS dup	4/9/2022	Pesticide	Endrin	n/a	=	0.0874	µg/L	EPA 608.3	0.0017	0.01			
2021/22-3	Lab	LCS dup, rec	4/9/2022	Pesticide	Endrin	n/a	=	87	%	EPA 608.3	-88	-88	51	130	
2021/22-3	Lab	LCS, RPD	4/9/2022	Pesticide	Endrin	n/a	=	15	%	EPA 608.3	-88	-88	0	30	
2021/22-3	Lab	method blank	4/9/2022	Pesticide	Endrin aldehyde	n/a	<	0.0019	µg/L	EPA 608.3	0.0019	0.01			
2021/22-3	Lab	LCS	4/9/2022	Pesticide	Endrin aldehyde	n/a	=	0.0768	µg/L	EPA 608.3	0.0019	0.01			
2021/22-3	Lab	LCS, rec	4/9/2022	Pesticide	Endrin aldehyde	n/a	=	77	%	EPA 608.3	-88	-88	18	130	
2021/22-3	Lab	LCS dup	4/9/2022	Pesticide	Endrin aldehyde	n/a	=	0.0854	µg/L	EPA 608.3	0.0019	0.01			
2021/22-3	Lab	LCS dup, rec	4/9/2022	Pesticide	Endrin aldehyde	n/a	=	85	%	EPA 608.3	-88	-88	18	130	
2021/22-3	Lab	LCS, RPD	4/9/2022	Pesticide	Endrin aldehyde	n/a	=	11	%	EPA 608.3	-88	-88	0	30	
2021/22-3	Lab	method blank	4/9/2022	Pesticide	Endrin ketone	n/a	<	0.004	µg/L	EPA 608.3	0.004	0.05			
2021/22-3	Lab	method blank	3/31/2022	Pesticide	EPTC	n/a	<	0.02	µg/L	EPA 525.2	0.02	0.1			
2021/22-3	Lab	LCS	3/31/2022	Pesticide	EPTC	n/a	=	6.18	µg/L	EPA 525.2	0.02	0.1			
2021/22-3	Lab	LCS, rec	3/31/2022	Pesticide	EPTC	n/a	=	124	%	EPA 525.2	-88	-88	70	130	
2021/22-3	Lab	LCS dup	3/31/2022	Pesticide	EPTC	n/a	=	6.15	µg/L	EPA 525.2	0.02	0.1			
2021/22-3	Lab	LCS dup, rec	3/31/2022	Pesticide	EPTC	n/a	=	123	%	EPA 525.2	-88	-88	70	130	
2021/22-3	Lab	LCS, RPD	3/31/2022	Pesticide	EPTC	n/a	=	0.6	%	EPA 525.2	-88	-88	0	30	
2021/22-3	Lab	method blank	4/14/2022	Pesticide	EPTC	n/a	<	0.02	µg/L	EPA 525.2	0.02	0.1			
2021/22-3	Lab	LCS	4/14/2022	Pesticide	EPTC	n/a	=	5.83	µg/L	EPA 525.2	0.02	0.1			
2021/22-3	Lab	LCS, rec	4/14/2022	Pesticide	EPTC	n/a	=	117	%	EPA 525.2	-88	-88	70	130	
2021/22-3	Lab	LCS dup	4/14/2022	Pesticide	EPTC	n/a	=	5.82	µg/L	EPA 525.2	0.02	0.1			
2021/22-3	Lab	LCS dup, rec	4/14/2022	Pesticide	EPTC	n/a	=	116	%	EPA 525.2	-88	-88	70	130	
2021/22-3	Lab	LCS, RPD	4/14/2022	Pesticide	EPTC	n/a	=	0.1	%	EPA 525.2	-88	-88	0	30	
2021/22-3	Lab	LCS	4/1/2022	Pesticide	Ethoprop	n/a	=	0.0484	µg/L	EPA 625.1m	0.0067	0.01			
2021/22-3	Lab	LCS, rec	4/1/2022	Pesticide	Ethoprop	n/a	=	97	%	EPA 625.1m	-88	-88	76	165	
2021/22-3	Lab	method blank	4/1/2022	Pesticide	Ethoprop	n/a	<	0.0067	µg/L	EPA 625.1m	0.0067	0.01			
2021/22-3	Lab	LCS	4/7/2022	Pesticide	Ethoprop	n/a	=	0.0492	µg/L	EPA 625.1m	0.0067	0.01			
2021/22-3	Lab	LCS, rec	4/7/2022	Pesticide	Ethoprop	n/a	=	98	%	EPA 625.1m	-88	-88	76	165	
2021/22-3	Lab	method blank	4/8/2022	Pesticide	Ethoprop	n/a	<	0.0067	µg/L	EPA 625.1m	0.0067	0.01			
2021/22-3	ME-CC	matrix spike	4/1/2022	Pesticide	Ethoprop	n/a	=	0.133	µg/L	EPA 625.1m	0.013	0.02			
2021/22-3	ME-CC	matrix spike, rec	4/1/2022	Pesticide	Ethoprop	n/a	=	133	%	EPA 625.1m	-88	-88	50	150	
2021/22-3	ME-CC	matrix spike dup	4/1/2022	Pesticide	Ethoprop	n/a	=	0.116	µg/L	EPA 625.1m	0.013	0.02			
2021/22-3	ME-CC	matrix spike dup, rec	4/1/2022	Pesticide	Ethoprop	n/a	=	116	%	EPA 625.1m	-88	-88	50	150	
2021/22-3	ME-CC	matrix spike, RPD	4/1/2022	Pesticide	Ethoprop	n/a	=	14	%	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	
2021/22-3	MO-SPA	matrix spike	4/7/2022	Pesticide	Ethoprop	n/a	=	0.0862	µg/L	EPA 625.1m	0.013	0.02			
2021/22-3	MO-SPA	matrix spike, rec	4/7/2022	Pesticide	Ethoprop	n/a	=	86	%	EPA 625.1m	-88	-88	50	150	
2021/22-3	MO-SPA	matrix spike dup	4/7/2022	Pesticide	Ethoprop	n/a	=	0.0756	µg/L	EPA 625.1m	0.013	0.02			
2021/22-3	MO-SPA	matrix spike dup, rec	4/7/2022	Pesticide	Ethoprop	n/a	=	76	%	EPA 625.1m	-88	-88	50	150	
2021/22-3	MO-SPA	matrix spike, RPD	4/7/2022	Pesticide	Ethoprop	n/a	=	13	%	EPA 625.1m	-88	-88	0	30	
2021/22-3	Lab	LCS	4/1/2022	Pesticide	Ethyl parathion	n/a	=	0.0475	µg/L	EPA 625.1m	0.0054	0.01			
2021/22-3	Lab	LCS, rec	4/1/2022	Pesticide	Ethyl parathion	n/a	=	95	%	EPA 625.1m	-88	-88	61	139	
2021/22-3	Lab	method blank	4/1/2022	Pesticide	Ethyl parathion	n/a	<	0.0054	µg/L	EPA 625.1m	0.0054	0.01			
2021/22-3	Lab	LCS	4/7/2022	Pesticide	Ethyl parathion	n/a	=	0.0469	µg/L	EPA 625.1m	0.0054	0.01			
2021/22-3	Lab	LCS, rec	4/7/2022	Pesticide	Ethyl parathion	n/a	=	94	%	EPA 625.1m	-88	-88	61	139	
2021/22-3	Lab	method blank	4/8/2022	Pesticide	Ethyl parathion	n/a	<	0.0054	µg/L	EPA 625.1m	0.0054	0.01			
2021/22-3	ME-CC	matrix spike	4/1/2022	Pesticide	Ethyl parathion	n/a	=	0.13	µg/L	EPA 625.1m	0.011	0.02			
2021/22-3	ME-CC	matrix spike, rec	4/1/2022	Pesticide	Ethyl parathion	n/a	=	130	%	EPA 625.1m	-88	-88	26	201	
2021/22-3	ME-CC	matrix spike dup	4/1/2022	Pesticide	Ethyl parathion	n/a	=	0.121	µg/L	EPA 625.1m	0.011	0.02			
2021/22-3	ME-CC	matrix spike dup, rec	4/1/2022	Pesticide	Ethyl parathion	n/a	=	121	%	EPA 625.1m	-88	-88	26	201	
2021/22-3	ME-CC	matrix spike, RPD	4/1/2022	Pesticide	Ethyl parathion	n/a	=	7	%	EPA 625.1m	-88	-88	0	30	
2021/22-3	MO-SPA	matrix spike	4/7/2022	Pesticide	Ethyl parathion	n/a	=	0.0777	µg/L	EPA 625.1m	0.011	0.02			
2021/22-3	MO-SPA	matrix spike, rec	4/7/2022	Pesticide	Ethyl parathion	n/a	=	78	%	EPA 625.1m	-88	-88	26	201	
2021/22-3	MO-SPA	matrix spike dup	4/7/2022	Pesticide	Ethyl parathion	n/a	=	0.0853	µg/L	EPA 625.1m	0.011	0.02			
2021/22-3	MO-SPA	matrix spike dup, rec	4/7/2022	Pesticide	Ethyl parathion	n/a	=	85	%	EPA 625.1m	-88	-88	26	201	
2021/22-3	MO-SPA	matrix spike, RPD	4/7/2022	Pesticide	Ethyl parathion	n/a	=	9	%	EPA 625.1m	-88	-88	0	30	
2021/22-3	Lab	LCS	4/1/2022	Pesticide	Fensulfothion	n/a	=	0.206	µg/L	EPA 625.1m	0.0029	0.01			EUM
2021/22-3	Lab	LCS, rec	4/1/2022	Pesticide	Fensulfothion	n/a	=	411	%	EPA 625.1m	-88	-88	10	200	EUM
2021/22-3	Lab	method blank	4/1/2022	Pesticide	Fensulfothion	n/a	<	0.0029	µg/L	EPA 625.1m	0.0029	0.01			
2021/22-3	Lab	LCS	4/7/2022	Pesticide	Fensulfothion	n/a	=	0.119	µg/L	EPA 625.1m	0.0029	0.01			EUM
2021/22-3	Lab	LCS, rec	4/7/2022	Pesticide	Fensulfothion	n/a	=	239	%	EPA 625.1m	-88	-88	10	200	EUM
2021/22-3	Lab	method blank	4/8/2022	Pesticide	Fensulfothion	n/a	<	0.0029	µg/L	EPA 625.1m	0.0029	0.01			
2021/22-3	ME-CC	matrix spike	4/1/2022	Pesticide	Fensulfothion	n/a	=	0.611	µg/L	EPA 625.1m	0.0058	0.02			GB
2021/22-3	ME-CC	matrix spike, rec	4/1/2022	Pesticide	Fensulfothion	n/a	=	611	%	EPA 625.1m	-88	-88	0.1	231	GB
2021/22-3	ME-CC	matrix spike dup	4/1/2022	Pesticide	Fensulfothion	n/a	=	0.558	µg/L	EPA 625.1m	0.0058	0.02			GB
2021/22-3	ME-CC	matrix spike dup, rec	4/1/2022	Pesticide	Fensulfothion	n/a	=	558	%	EPA 625.1m	-88	-88	0.1	231	GB
2021/22-3	ME-CC	matrix spike, RPD	4/1/2022	Pesticide	Fensulfothion	n/a	=	9	%	EPA 625.1m	-88	-88	0	30	GB
2021/22-3	MO-SPA	matrix spike	4/7/2022	Pesticide	Fensulfothion	n/a	=	0.306	µg/L	EPA 625.1m	0.0058	0.02			GB
2021/22-3	MO-SPA	matrix spike, rec	4/7/2022	Pesticide	Fensulfothion	n/a	=	306	%	EPA 625.1m	-88	-88	0.1	231	GB
2021/22-3	MO-SPA	matrix spike dup	4/7/2022	Pesticide	Fensulfothion	n/a	=	0.311	µg/L	EPA 625.1m	0.0058	0.02			GB
2021/22-3	MO-SPA	matrix spike dup, rec	4/7/2022	Pesticide	Fensulfothion	n/a	=	311	%	EPA 625.1m	-88	-88	0.1	231	GB
2021/22-3	MO-SPA	matrix spike, RPD	4/7/2022	Pesticide	Fensulfothion	n/a	=	2	%	EPA 625.1m	-88	-88	0	30	GB
2021/22-3	Lab	LCS	4/1/2022	Pesticide	Fenthion	n/a	=	0.0467	µg/L	EPA 625.1m	0.0038	0.01			
2021/22-3	Lab	LCS, rec	4/1/2022	Pesticide	Fenthion	n/a	=	93	%	EPA 625.1m	-88	-88	77	165	
2021/22-3	Lab	method blank	4/1/2022	Pesticide	Fenthion	n/a	<	0.0038	µg/L	EPA 625.1m	0.0038	0.01			
2021/22-3	Lab	LCS	4/7/2022	Pesticide	Fenthion	n/a	=	0.0492	µg/L	EPA 625.1m	0.0038	0.01			
2021/22-3	Lab	LCS, rec	4/7/2022	Pesticide	Fenthion	n/a	=	98	%	EPA 625.1m	-88	-88	77	165	
2021/22-3	Lab	method blank	4/8/2022	Pesticide	Fenthion	n/a	<	0.0038	µg/L	EPA 625.1m	0.0038	0.01			
2021/22-3	ME-CC	matrix spike	4/1/2022	Pesticide	Fenthion	n/a	=	0.142	µg/L	EPA 625.1m	0.0076	0.02			
2021/22-3	ME-CC	matrix spike, rec	4/1/2022	Pesticide	Fenthion	n/a	=	142	%	EPA 625.1m	-88	-88	27	164	
2021/22-3	ME-CC	matrix spike dup	4/1/2022	Pesticide	Fenthion	n/a	=	0.125	µg/L	EPA 625.1m	0.0076	0.02			
2021/22-3	ME-CC	matrix spike dup, rec	4/1/2022	Pesticide	Fenthion	n/a	=	125	%	EPA 625.1m	-88	-88	27	164	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2021/22-3	ME-CC	matrix spike, RPD	4/1/2022	Pesticide	Fenthion	n/a	=	13	%	EPA 625.1m	-88	-88	0	30	
2021/22-3	MO-SPA	matrix spike	4/7/2022	Pesticide	Fenthion	n/a	=	0.0954	µg/L	EPA 625.1m	0.0076	0.02			
2021/22-3	MO-SPA	matrix spike, rec	4/7/2022	Pesticide	Fenthion	n/a	=	95	%	EPA 625.1m	-88	-88	27	164	
2021/22-3	MO-SPA	matrix spike dup	4/7/2022	Pesticide	Fenthion	n/a	=	0.0856	µg/L	EPA 625.1m	0.0076	0.02			
2021/22-3	MO-SPA	matrix spike dup, rec	4/7/2022	Pesticide	Fenthion	n/a	=	86	%	EPA 625.1m	-88	-88	27	164	
2021/22-3	MO-SPA	matrix spike, RPD	4/7/2022	Pesticide	Fenthion	n/a	=	11	%	EPA 625.1m	-88	-88	0	30	
2021/22-3	Lab	method blank	4/9/2022	Pesticide	gamma-BHC (Lindane)	n/a	<	0.0004	µg/L	EPA 608.3	0.0004	0.02			
2021/22-3	Lab	LCS	4/9/2022	Pesticide	gamma-BHC (Lindane)	n/a	=	0.0654	µg/L	EPA 608.3	0.0004	0.02			
2021/22-3	Lab	LCS, rec	4/9/2022	Pesticide	gamma-BHC (Lindane)	n/a	=	65	%	EPA 608.3	-88	-88	43	130	
2021/22-3	Lab	LCS dup	4/9/2022	Pesticide	gamma-BHC (Lindane)	n/a	=	0.0812	µg/L	EPA 608.3	0.0004	0.02			
2021/22-3	Lab	LCS dup, rec	4/9/2022	Pesticide	gamma-BHC (Lindane)	n/a	=	81	%	EPA 608.3	-88	-88	43	130	
2021/22-3	Lab	LCS, RPD	4/9/2022	Pesticide	gamma-BHC (Lindane)	n/a	=	21	%	EPA 608.3	-88	-88	0	30	
2021/22-3	Lab	method blank	4/9/2022	Pesticide	gamma-Chlordane	n/a	<	0.0023	µg/L	EPA 608.3	0.0023	0.01			
2021/22-3	000NONPJ	matrix spike	4/4/2022	Pesticide	Glyphosate	n/a	=	24.6	µg/L	EPA 547	1.8	5			
2021/22-3	000NONPJ	matrix spike, rec	4/4/2022	Pesticide	Glyphosate	n/a	=	98	%	EPA 547	-88	-88	41	149	
2021/22-3	000NONPJ	matrix spike dup	4/4/2022	Pesticide	Glyphosate	n/a	=	29.4	µg/L	EPA 547	1.8	5			
2021/22-3	000NONPJ	matrix spike dup, rec	4/4/2022	Pesticide	Glyphosate	n/a	=	118	%	EPA 547	-88	-88	41	149	
2021/22-3	000NONPJ	matrix spike, RPD	4/4/2022	Pesticide	Glyphosate	n/a	=	18	%	EPA 547	-88	-88	0	30	
2021/22-3	000NONPJ	matrix spike	4/4/2022	Pesticide	Glyphosate	n/a	=	26.5	µg/L	EPA 547	1.8	5			
2021/22-3	000NONPJ	matrix spike, rec	4/4/2022	Pesticide	Glyphosate	n/a	=	106	%	EPA 547	-88	-88	41	149	
2021/22-3	000NONPJ	matrix spike dup	4/4/2022	Pesticide	Glyphosate	n/a	=	27	µg/L	EPA 547	1.8	5			
2021/22-3	000NONPJ	matrix spike dup, rec	4/4/2022	Pesticide	Glyphosate	n/a	=	108	%	EPA 547	-88	-88	41	149	
2021/22-3	000NONPJ	matrix spike, RPD	4/4/2022	Pesticide	Glyphosate	n/a	=	2	%	EPA 547	-88	-88	0	30	
2021/22-3	Lab	method blank	4/4/2022	Pesticide	Glyphosate	n/a	<	1.8	µg/L	EPA 547	1.8	5			
2021/22-3	Lab	LCS	4/4/2022	Pesticide	Glyphosate	n/a	=	29.6	µg/L	EPA 547	1.8	5			
2021/22-3	Lab	LCS, rec	4/4/2022	Pesticide	Glyphosate	n/a	=	118	%	EPA 547	-88	-88	70	130	
2021/22-3	Lab	method blank	4/9/2022	Pesticide	Heptachlor	n/a	<	0.0006	µg/L	EPA 608.3	0.0006	0.01			
2021/22-3	Lab	LCS	4/9/2022	Pesticide	Heptachlor	n/a	=	0.0697	µg/L	EPA 608.3	0.0006	0.01			
2021/22-3	Lab	LCS, rec	4/9/2022	Pesticide	Heptachlor	n/a	=	70	%	EPA 608.3	-88	-88	43	130	
2021/22-3	Lab	LCS dup	4/9/2022	Pesticide	Heptachlor	n/a	=	0.0806	µg/L	EPA 608.3	0.0006	0.01			
2021/22-3	Lab	LCS dup, rec	4/9/2022	Pesticide	Heptachlor	n/a	=	81	%	EPA 608.3	-88	-88	43	130	
2021/22-3	Lab	LCS, RPD	4/9/2022	Pesticide	Heptachlor	n/a	=	14	%	EPA 608.3	-88	-88	0	30	
2021/22-3	Lab	method blank	4/9/2022	Pesticide	Heptachlor epoxide	n/a	<	0.0004	µg/L	EPA 608.3	0.0004	0.01			
2021/22-3	Lab	LCS	4/9/2022	Pesticide	Heptachlor epoxide	n/a	=	0.073	µg/L	EPA 608.3	0.0004	0.01			
2021/22-3	Lab	LCS, rec	4/9/2022	Pesticide	Heptachlor epoxide	n/a	=	73	%	EPA 608.3	-88	-88	57	132	
2021/22-3	Lab	LCS dup	4/9/2022	Pesticide	Heptachlor epoxide	n/a	=	0.0791	µg/L	EPA 608.3	0.0004	0.01			
2021/22-3	Lab	LCS dup, rec	4/9/2022	Pesticide	Heptachlor epoxide	n/a	=	79	%	EPA 608.3	-88	-88	57	132	
2021/22-3	Lab	LCS, RPD	4/9/2022	Pesticide	Heptachlor epoxide	n/a	=	8	%	EPA 608.3	-88	-88	0	30	
2021/22-3	Lab	LCS	4/1/2022	Pesticide	Malathion	n/a	=	0.0588	µg/L	EPA 625.1m	0.0076	0.01			
2021/22-3	Lab	LCS, rec	4/1/2022	Pesticide	Malathion	n/a	=	118	%	EPA 625.1m	-88	-88	59	200	
2021/22-3	Lab	method blank	4/1/2022	Pesticide	Malathion	n/a	<	0.0076	µg/L	EPA 625.1m	0.0076	0.01			
2021/22-3	Lab	LCS	4/7/2022	Pesticide	Malathion	n/a	=	0.061	µg/L	EPA 625.1m	0.0076	0.01			
2021/22-3	Lab	LCS, rec	4/7/2022	Pesticide	Malathion	n/a	=	122	%	EPA 625.1m	-88	-88	59	200	
2021/22-3	Lab	method blank	4/8/2022	Pesticide	Malathion	n/a	<	0.0076	µg/L	EPA 625.1m	0.0076	0.01			
2021/22-3	ME-CC	matrix spike	4/1/2022	Pesticide	Malathion	n/a	=	0.488	µg/L	EPA 625.1m	0.015	0.02			GB
2021/22-3	ME-CC	matrix spike, rec	4/1/2022	Pesticide	Malathion	n/a	=	170	%	EPA 625.1m	-88	-88	15	161	GB
2021/22-3	ME-CC	matrix spike dup	4/1/2022	Pesticide	Malathion	n/a	=	0.42	µg/L	EPA 625.1m	0.015	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	
2021/22-3	ME-CC	matrix spike dup, rec	4/1/2022	Pesticide	Malathion	n/a	=	103	%	EPA 625.1m	-88	-88	15	161	
2021/22-3	ME-CC	matrix spike, RPD	4/1/2022	Pesticide	Malathion	n/a	=	15	%	EPA 625.1m	-88	-88	0	30	
2021/22-3	MO-SPA	matrix spike	4/7/2022	Pesticide	Malathion	n/a	=	0.26	µg/L	EPA 625.1m	0.015	0.02			
2021/22-3	MO-SPA	matrix spike, rec	4/7/2022	Pesticide	Malathion	n/a	=	105	%	EPA 625.1m	-88	-88	15	161	
2021/22-3	MO-SPA	matrix spike dup	4/7/2022	Pesticide	Malathion	n/a	=	0.256	µg/L	EPA 625.1m	0.015	0.02			
2021/22-3	MO-SPA	matrix spike dup, rec	4/7/2022	Pesticide	Malathion	n/a	=	102	%	EPA 625.1m	-88	-88	15	161	
2021/22-3	MO-SPA	matrix spike, RPD	4/7/2022	Pesticide	Malathion	n/a	=	1	%	EPA 625.1m	-88	-88	0	30	
2021/22-3	Lab	LCS	4/1/2022	Pesticide	Merphos	n/a	=	0.0485	µg/L	EPA 625.1m	0.0058	0.01			
2021/22-3	Lab	LCS, rec	4/1/2022	Pesticide	Merphos	n/a	=	97	%	EPA 625.1m	-88	-88	32	200	
2021/22-3	Lab	method blank	4/1/2022	Pesticide	Merphos	n/a	<	0.0058	µg/L	EPA 625.1m	0.0058	0.01			
2021/22-3	Lab	LCS	4/7/2022	Pesticide	Merphos	n/a	=	0.0521	µg/L	EPA 625.1m	0.0058	0.01			
2021/22-3	Lab	LCS, rec	4/7/2022	Pesticide	Merphos	n/a	=	104	%	EPA 625.1m	-88	-88	32	200	
2021/22-3	Lab	method blank	4/8/2022	Pesticide	Merphos	n/a	<	0.0058	µg/L	EPA 625.1m	0.0058	0.01			
2021/22-3	ME-CC	matrix spike	4/1/2022	Pesticide	Merphos	n/a	=	0.127	µg/L	EPA 625.1m	0.012	0.02			
2021/22-3	ME-CC	matrix spike, rec	4/1/2022	Pesticide	Merphos	n/a	=	127	%	EPA 625.1m	-88	-88	4	191	
2021/22-3	ME-CC	matrix spike dup	4/1/2022	Pesticide	Merphos	n/a	=	0.124	µg/L	EPA 625.1m	0.012	0.02			
2021/22-3	ME-CC	matrix spike dup, rec	4/1/2022	Pesticide	Merphos	n/a	=	124	%	EPA 625.1m	-88	-88	4	191	
2021/22-3	ME-CC	matrix spike, RPD	4/1/2022	Pesticide	Merphos	n/a	=	2	%	EPA 625.1m	-88	-88	0	30	
2021/22-3	MO-SPA	matrix spike	4/7/2022	Pesticide	Merphos	n/a	=	0.0892	µg/L	EPA 625.1m	0.012	0.02			
2021/22-3	MO-SPA	matrix spike, rec	4/7/2022	Pesticide	Merphos	n/a	=	89	%	EPA 625.1m	-88	-88	4	191	
2021/22-3	MO-SPA	matrix spike dup	4/7/2022	Pesticide	Merphos	n/a	=	0.0851	µg/L	EPA 625.1m	0.012	0.02			
2021/22-3	MO-SPA	matrix spike dup, rec	4/7/2022	Pesticide	Merphos	n/a	=	85	%	EPA 625.1m	-88	-88	4	191	
2021/22-3	MO-SPA	matrix spike, RPD	4/7/2022	Pesticide	Merphos	n/a	=	5	%	EPA 625.1m	-88	-88	0	30	
2021/22-3	Lab	method blank	4/9/2022	Pesticide	Methoxychlor	n/a	DNQ	0.0014	µg/L	EPA 608.3	0.0014	0.02			IP
2021/22-3	Lab	LCS	4/9/2022	Pesticide	Methoxychlor	n/a	=	0.0803	µg/L	EPA 608.3	0.0014	0.02			
2021/22-3	Lab	LCS, rec	4/9/2022	Pesticide	Methoxychlor	n/a	=	80	%	EPA 608.3	-88	-88	50	130	
2021/22-3	Lab	LCS dup	4/9/2022	Pesticide	Methoxychlor	n/a	=	0.0921	µg/L	EPA 608.3	0.0014	0.02			
2021/22-3	Lab	LCS dup, rec	4/9/2022	Pesticide	Methoxychlor	n/a	=	92	%	EPA 608.3	-88	-88	50	130	
2021/22-3	Lab	LCS, RPD	4/9/2022	Pesticide	Methoxychlor	n/a	=	14	%	EPA 608.3	-88	-88	0	30	
2021/22-3	Lab	LCS	4/1/2022	Pesticide	Methyl parathion	n/a	=	0.0575	µg/L	EPA 625.1m	0.0063	0.01			
2021/22-3	Lab	LCS, rec	4/1/2022	Pesticide	Methyl parathion	n/a	=	115	%	EPA 625.1m	-88	-88	64	154	
2021/22-3	Lab	method blank	4/1/2022	Pesticide	Methyl parathion	n/a	<	0.0063	µg/L	EPA 625.1m	0.0063	0.01			
2021/22-3	Lab	LCS	4/7/2022	Pesticide	Methyl parathion	n/a	=	0.0532	µg/L	EPA 625.1m	0.0063	0.01			
2021/22-3	Lab	LCS, rec	4/7/2022	Pesticide	Methyl parathion	n/a	=	106	%	EPA 625.1m	-88	-88	64	154	
2021/22-3	Lab	method blank	4/8/2022	Pesticide	Methyl parathion	n/a	<	0.0063	µg/L	EPA 625.1m	0.0063	0.01			
2021/22-3	ME-CC	matrix spike	4/1/2022	Pesticide	Methyl parathion	n/a	=	0.162	µg/L	EPA 625.1m	0.013	0.02			
2021/22-3	ME-CC	matrix spike, rec	4/1/2022	Pesticide	Methyl parathion	n/a	=	162	%	EPA 625.1m	-88	-88	10	213	
2021/22-3	ME-CC	matrix spike dup	4/1/2022	Pesticide	Methyl parathion	n/a	=	0.15	µg/L	EPA 625.1m	0.013	0.02			
2021/22-3	ME-CC	matrix spike dup, rec	4/1/2022	Pesticide	Methyl parathion	n/a	=	150	%	EPA 625.1m	-88	-88	10	213	
2021/22-3	ME-CC	matrix spike, RPD	4/1/2022	Pesticide	Methyl parathion	n/a	=	8	%	EPA 625.1m	-88	-88	0	30	
2021/22-3	MO-SPA	matrix spike	4/7/2022	Pesticide	Methyl parathion	n/a	=	0.0869	µg/L	EPA 625.1m	0.013	0.02			
2021/22-3	MO-SPA	matrix spike, rec	4/7/2022	Pesticide	Methyl parathion	n/a	=	87	%	EPA 625.1m	-88	-88	10	213	
2021/22-3	MO-SPA	matrix spike dup	4/7/2022	Pesticide	Methyl parathion	n/a	=	0.0893	µg/L	EPA 625.1m	0.013	0.02			
2021/22-3	MO-SPA	matrix spike dup, rec	4/7/2022	Pesticide	Methyl parathion	n/a	=	89	%	EPA 625.1m	-88	-88	10	213	
2021/22-3	MO-SPA	matrix spike, RPD	4/7/2022	Pesticide	Methyl parathion	n/a	=	3	%	EPA 625.1m	-88	-88	0	30	
2021/22-3	Lab	method blank	3/31/2022	Pesticide	Metolachlor	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1			
2021/22-3	Lab	LCS	3/31/2022	Pesticide	Metolachlor	n/a	=	5.99	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	
2021/22-3	Lab	LCS, rec	3/31/2022	Pesticide	Metolachlor	n/a	=	120	%	EPA 525.2	-88	-88	60	130	
2021/22-3	Lab	LCS dup	3/31/2022	Pesticide	Metolachlor	n/a	=	5.97	µg/L	EPA 525.2	0.03	0.1			
2021/22-3	Lab	LCS dup, rec	3/31/2022	Pesticide	Metolachlor	n/a	=	119	%	EPA 525.2	-88	-88	60	130	
2021/22-3	Lab	LCS, RPD	3/31/2022	Pesticide	Metolachlor	n/a	=	0.4	%	EPA 525.2	-88	-88	0	30	
2021/22-3	Lab	method blank	4/14/2022	Pesticide	Metolachlor	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1			
2021/22-3	Lab	LCS	4/14/2022	Pesticide	Metolachlor	n/a	=	5.3	µg/L	EPA 525.2	0.03	0.1			
2021/22-3	Lab	LCS, rec	4/14/2022	Pesticide	Metolachlor	n/a	=	106	%	EPA 525.2	-88	-88	60	130	
2021/22-3	Lab	LCS dup	4/14/2022	Pesticide	Metolachlor	n/a	=	5.43	µg/L	EPA 525.2	0.03	0.1			
2021/22-3	Lab	LCS dup, rec	4/14/2022	Pesticide	Metolachlor	n/a	=	109	%	EPA 525.2	-88	-88	60	130	
2021/22-3	Lab	LCS, RPD	4/14/2022	Pesticide	Metolachlor	n/a	=	3	%	EPA 525.2	-88	-88	0	30	
2021/22-3	Lab	method blank	3/31/2022	Pesticide	Metribuzin	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1			
2021/22-3	Lab	LCS	3/31/2022	Pesticide	Metribuzin	n/a	=	5.85	µg/L	EPA 525.2	0.03	0.1			
2021/22-3	Lab	LCS, rec	3/31/2022	Pesticide	Metribuzin	n/a	=	117	%	EPA 525.2	-88	-88	50	120	
2021/22-3	Lab	LCS dup	3/31/2022	Pesticide	Metribuzin	n/a	=	5.88	µg/L	EPA 525.2	0.03	0.1			
2021/22-3	Lab	LCS dup, rec	3/31/2022	Pesticide	Metribuzin	n/a	=	118	%	EPA 525.2	-88	-88	50	120	
2021/22-3	Lab	LCS, RPD	3/31/2022	Pesticide	Metribuzin	n/a	=	0.4	%	EPA 525.2	-88	-88	0	30	
2021/22-3	Lab	method blank	4/14/2022	Pesticide	Metribuzin	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1			
2021/22-3	Lab	LCS	4/14/2022	Pesticide	Metribuzin	n/a	=	5.36	µg/L	EPA 525.2	0.03	0.1			
2021/22-3	Lab	LCS, rec	4/14/2022	Pesticide	Metribuzin	n/a	=	107	%	EPA 525.2	-88	-88	50	120	
2021/22-3	Lab	LCS dup	4/14/2022	Pesticide	Metribuzin	n/a	=	5.47	µg/L	EPA 525.2	0.03	0.1			
2021/22-3	Lab	LCS dup, rec	4/14/2022	Pesticide	Metribuzin	n/a	=	109	%	EPA 525.2	-88	-88	50	120	
2021/22-3	Lab	LCS, RPD	4/14/2022	Pesticide	Metribuzin	n/a	=	2	%	EPA 525.2	-88	-88	0	30	
2021/22-3	Lab	LCS	4/1/2022	Pesticide	Mevinphos	n/a	=	0.0704	µg/L	EPA 625.1m	0.0042	0.01			
2021/22-3	Lab	LCS, rec	4/1/2022	Pesticide	Mevinphos	n/a	=	141	%	EPA 625.1m	-88	-88	26	177	
2021/22-3	Lab	method blank	4/1/2022	Pesticide	Mevinphos	n/a	<	0.0042	µg/L	EPA 625.1m	0.0042	0.01			
2021/22-3	Lab	LCS	4/7/2022	Pesticide	Mevinphos	n/a	=	0.0672	µg/L	EPA 625.1m	0.0042	0.01			
2021/22-3	Lab	LCS, rec	4/7/2022	Pesticide	Mevinphos	n/a	=	134	%	EPA 625.1m	-88	-88	26	177	
2021/22-3	Lab	method blank	4/8/2022	Pesticide	Mevinphos	n/a	<	0.0042	µg/L	EPA 625.1m	0.0042	0.01			
2021/22-3	ME-CC	matrix spike	4/1/2022	Pesticide	Mevinphos	n/a	=	0.194	µg/L	EPA 625.1m	0.0084	0.02			
2021/22-3	ME-CC	matrix spike, rec	4/1/2022	Pesticide	Mevinphos	n/a	=	194	%	EPA 625.1m	-88	-88	0.1	204	
2021/22-3	ME-CC	matrix spike dup	4/1/2022	Pesticide	Mevinphos	n/a	=	0.175	µg/L	EPA 625.1m	0.0084	0.02			
2021/22-3	ME-CC	matrix spike dup, rec	4/1/2022	Pesticide	Mevinphos	n/a	=	175	%	EPA 625.1m	-88	-88	0.1	204	
2021/22-3	ME-CC	matrix spike, RPD	4/1/2022	Pesticide	Mevinphos	n/a	=	11	%	EPA 625.1m	-88	-88	0	30	
2021/22-3	MO-SPA	matrix spike	4/7/2022	Pesticide	Mevinphos	n/a	=	0.132	µg/L	EPA 625.1m	0.0084	0.02			
2021/22-3	MO-SPA	matrix spike, rec	4/7/2022	Pesticide	Mevinphos	n/a	=	132	%	EPA 625.1m	-88	-88	0.1	204	
2021/22-3	MO-SPA	matrix spike dup	4/7/2022	Pesticide	Mevinphos	n/a	=	0.12	µg/L	EPA 625.1m	0.0084	0.02			
2021/22-3	MO-SPA	matrix spike dup, rec	4/7/2022	Pesticide	Mevinphos	n/a	=	120	%	EPA 625.1m	-88	-88	0.1	204	
2021/22-3	MO-SPA	matrix spike, RPD	4/7/2022	Pesticide	Mevinphos	n/a	=	10	%	EPA 625.1m	-88	-88	0	30	
2021/22-3	Lab	method blank	3/31/2022	Pesticide	Molinate	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1			
2021/22-3	Lab	LCS	3/31/2022	Pesticide	Molinate	n/a	=	6.39	µg/L	EPA 525.2	0.03	0.1			
2021/22-3	Lab	LCS, rec	3/31/2022	Pesticide	Molinate	n/a	=	128	%	EPA 525.2	-88	-88	70	130	
2021/22-3	Lab	LCS dup	3/31/2022	Pesticide	Molinate	n/a	=	6.17	µg/L	EPA 525.2	0.03	0.1			
2021/22-3	Lab	LCS dup, rec	3/31/2022	Pesticide	Molinate	n/a	=	123	%	EPA 525.2	-88	-88	70	130	
2021/22-3	Lab	LCS, RPD	3/31/2022	Pesticide	Molinate	n/a	=	3	%	EPA 525.2	-88	-88	0	30	
2021/22-3	Lab	method blank	4/14/2022	Pesticide	Molinate	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1			
2021/22-3	Lab	LCS	4/14/2022	Pesticide	Molinate	n/a	=	5.78	µg/L	EPA 525.2	0.03	0.1			
2021/22-3	Lab	LCS, rec	4/14/2022	Pesticide	Molinate	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	
2021/22-3	Lab	LCS dup	4/14/2022	Pesticide	Molinate	n/a	=	5.85	µg/L	EPA 525.2	0.03	0.1			
2021/22-3	Lab	LCS dup, rec	4/14/2022	Pesticide	Molinate	n/a	=	117	%	EPA 525.2	-88	-88	70	130	
2021/22-3	Lab	LCS, RPD	4/14/2022	Pesticide	Molinate	n/a	=	1	%	EPA 525.2	-88	-88	0	30	
2021/22-3	Lab	LCS	4/1/2022	Pesticide	Naled	n/a	=	0.0891	µg/L	EPA 625.1m	0.0076	0.01			
2021/22-3	Lab	LCS, rec	4/1/2022	Pesticide	Naled	n/a	=	178	%	EPA 625.1m	-88	-88	10	200	
2021/22-3	Lab	method blank	4/1/2022	Pesticide	Naled	n/a	<	0.0076	µg/L	EPA 625.1m	0.0076	0.01			
2021/22-3	Lab	LCS	4/7/2022	Pesticide	Naled	n/a	=	0.0447	µg/L	EPA 625.1m	0.0076	0.01			
2021/22-3	Lab	LCS, rec	4/7/2022	Pesticide	Naled	n/a	=	89	%	EPA 625.1m	-88	-88	10	200	
2021/22-3	Lab	method blank	4/8/2022	Pesticide	Naled	n/a	<	0.0076	µg/L	EPA 625.1m	0.0076	0.01			
2021/22-3	ME-CC	matrix spike	4/1/2022	Pesticide	Naled	n/a	=	0.215	µg/L	EPA 625.1m	0.015	0.02			GB
2021/22-3	ME-CC	matrix spike, rec	4/1/2022	Pesticide	Naled	n/a	=	215	%	EPA 625.1m	-88	-88	0.1	206	GB
2021/22-3	ME-CC	matrix spike dup	4/1/2022	Pesticide	Naled	n/a	=	0.184	µg/L	EPA 625.1m	0.015	0.02			
2021/22-3	ME-CC	matrix spike dup, rec	4/1/2022	Pesticide	Naled	n/a	=	184	%	EPA 625.1m	-88	-88	0.1	206	
2021/22-3	ME-CC	matrix spike, RPD	4/1/2022	Pesticide	Naled	n/a	=	16	%	EPA 625.1m	-88	-88	0	30	
2021/22-3	MO-SPA	matrix spike	4/7/2022	Pesticide	Naled	n/a	=	0.0917	µg/L	EPA 625.1m	0.015	0.02			
2021/22-3	MO-SPA	matrix spike, rec	4/7/2022	Pesticide	Naled	n/a	=	92	%	EPA 625.1m	-88	-88	0.1	206	
2021/22-3	MO-SPA	matrix spike dup	4/7/2022	Pesticide	Naled	n/a	=	0.0812	µg/L	EPA 625.1m	0.015	0.02			
2021/22-3	MO-SPA	matrix spike dup, rec	4/7/2022	Pesticide	Naled	n/a	=	81	%	EPA 625.1m	-88	-88	0.1	206	
2021/22-3	MO-SPA	matrix spike, RPD	4/7/2022	Pesticide	Naled	n/a	=	12	%	EPA 625.1m	-88	-88	0	30	
2021/22-3	000NONPJ	matrix spike	3/31/2022	Pesticide	Pentachlorophenol	n/a	=	3.7	µg/L	EPA 515.4	0.046	0.2			
2021/22-3	000NONPJ	matrix spike, rec	3/31/2022	Pesticide	Pentachlorophenol	n/a	=	92	%	EPA 515.4	-88	-88	70	130	
2021/22-3	000NONPJ	matrix spike dup	3/31/2022	Pesticide	Pentachlorophenol	n/a	=	3.73	µg/L	EPA 515.4	0.046	0.2			
2021/22-3	000NONPJ	matrix spike dup, rec	3/31/2022	Pesticide	Pentachlorophenol	n/a	=	93	%	EPA 515.4	-88	-88	70	130	
2021/22-3	000NONPJ	matrix spike, RPD	3/31/2022	Pesticide	Pentachlorophenol	n/a	=	0.8	%	EPA 515.4	-88	-88	0	30	
2021/22-3	Lab	method blank	3/31/2022	Pesticide	Pentachlorophenol	n/a	<	0.046	µg/L	EPA 515.4	0.046	0.2			
2021/22-3	Lab	LCS	3/31/2022	Pesticide	Pentachlorophenol	n/a	=	3.92	µg/L	EPA 515.4	0.046	0.2			
2021/22-3	Lab	LCS, rec	3/31/2022	Pesticide	Pentachlorophenol	n/a	=	98	%	EPA 515.4	-88	-88	70	130	
2021/22-3	Lab	LCS	4/27/2022	Pesticide	Pentachlorophenol	n/a	=	21.9	µg/L	EPA 625.1	0.4	1			
2021/22-3	Lab	LCS, rec	4/27/2022	Pesticide	Pentachlorophenol	n/a	=	110	%	EPA 625.1	-88	-88	41	120	
2021/22-3	Lab	method blank	4/28/2022	Pesticide	Pentachlorophenol	n/a	<	0.4	µg/L	EPA 625.1	0.4	1			
2021/22-3	Lab	method blank	4/29/2022	Pesticide	Pentachlorophenol	n/a	<	0.15	µg/L	EPA 8270C	0.15	1			
2021/22-3	Lab	LCS	4/29/2022	Pesticide	Pentachlorophenol	n/a	=	21.1	µg/L	EPA 8270C	0.15	1			
2021/22-3	Lab	LCS, rec	4/29/2022	Pesticide	Pentachlorophenol	n/a	=	106	%	EPA 8270C	-88	-88	29	106	
2021/22-3	MO-HUE	matrix spike	4/27/2022	Pesticide	Pentachlorophenol	n/a	=	25.5	µg/L	EPA 625.1	0.8	2			
2021/22-3	MO-HUE	matrix spike, rec	4/27/2022	Pesticide	Pentachlorophenol	n/a	=	117	%	EPA 625.1	-88	-88	0.1	133	
2021/22-3	MO-HUE	matrix spike dup	4/27/2022	Pesticide	Pentachlorophenol	n/a	=	29.1	µg/L	EPA 625.1	0.8	2			GB
2021/22-3	MO-HUE	matrix spike dup, rec	4/27/2022	Pesticide	Pentachlorophenol	n/a	=	135	%	EPA 625.1	-88	-88	0.1	133	GB
2021/22-3	MO-HUE	matrix spike, RPD	4/27/2022	Pesticide	Pentachlorophenol	n/a	=	14	%	EPA 625.1	-88	-88	0	30	GB
2021/22-3	MO-HUE	matrix spike	4/29/2022	Pesticide	Pentachlorophenol	n/a	=	25.8	µg/L	EPA 8270C	0.3	2			
2021/22-3	MO-HUE	matrix spike, rec	4/29/2022	Pesticide	Pentachlorophenol	n/a	=	122	%	EPA 8270C	-88	-88	7	124	
2021/22-3	MO-HUE	matrix spike dup	4/29/2022	Pesticide	Pentachlorophenol	n/a	=	27.2	µg/L	EPA 8270C	0.3	2			GB
2021/22-3	MO-HUE	matrix spike dup, rec	4/29/2022	Pesticide	Pentachlorophenol	n/a	=	128	%	EPA 8270C	-88	-88	7	124	GB
2021/22-3	MO-HUE	matrix spike, RPD	4/29/2022	Pesticide	Pentachlorophenol	n/a	=	5	%	EPA 8270C	-88	-88	0	30	GB
2021/22-3	Lab	LCS	4/1/2022	Pesticide	Phorate	n/a	=	0.0425	µg/L	EPA 625.1m	0.003	0.01			
2021/22-3	Lab	LCS, rec	4/1/2022	Pesticide	Phorate	n/a	=	85	%	EPA 625.1m	-88	-88	61	135	
2021/22-3	Lab	method blank	4/1/2022	Pesticide	Phorate	n/a	<	0.003	µg/L	EPA 625.1m	0.003	0.01			
2021/22-3	Lab	LCS	4/7/2022	Pesticide	Phorate	n/a	=	0.0448	µg/L	EPA 625.1m	0.003	0.01			

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2021/22-3	Lab	LCS, rec	4/7/2022	Pesticide	Phorate	n/a	=	90	%	EPA 625.1m	-88	-88	61	135	
2021/22-3	Lab	method blank	4/8/2022	Pesticide	Phorate	n/a	<	0.003	µg/L	EPA 625.1m	0.003	0.01			
2021/22-3	ME-CC	matrix spike	4/1/2022	Pesticide	Phorate	n/a	=	0.121	µg/L	EPA 625.1m	0.006	0.02			
2021/22-3	ME-CC	matrix spike, rec	4/1/2022	Pesticide	Phorate	n/a	=	121	%	EPA 625.1m	-88	-88	33	172	
2021/22-3	ME-CC	matrix spike dup	4/1/2022	Pesticide	Phorate	n/a	=	0.108	µg/L	EPA 625.1m	0.006	0.02			
2021/22-3	ME-CC	matrix spike dup, rec	4/1/2022	Pesticide	Phorate	n/a	=	108	%	EPA 625.1m	-88	-88	33	172	
2021/22-3	ME-CC	matrix spike, RPD	4/1/2022	Pesticide	Phorate	n/a	=	11	%	EPA 625.1m	-88	-88	0	30	
2021/22-3	MO-SPA	matrix spike	4/7/2022	Pesticide	Phorate	n/a	=	0.0764	µg/L	EPA 625.1m	0.006	0.02			
2021/22-3	MO-SPA	matrix spike, rec	4/7/2022	Pesticide	Phorate	n/a	=	76	%	EPA 625.1m	-88	-88	33	172	
2021/22-3	MO-SPA	matrix spike dup	4/7/2022	Pesticide	Phorate	n/a	=	0.0674	µg/L	EPA 625.1m	0.006	0.02			
2021/22-3	MO-SPA	matrix spike dup, rec	4/7/2022	Pesticide	Phorate	n/a	=	67	%	EPA 625.1m	-88	-88	33	172	
2021/22-3	MO-SPA	matrix spike, RPD	4/7/2022	Pesticide	Phorate	n/a	=	13	%	EPA 625.1m	-88	-88	0	30	
2021/22-3	000NONPJ	matrix spike	3/31/2022	Pesticide	Picloram	n/a	=	3.53	µg/L	EPA 515.4	0.05	0.6			
2021/22-3	000NONPJ	matrix spike, rec	3/31/2022	Pesticide	Picloram	n/a	=	88	%	EPA 515.4	-88	-88	70	130	
2021/22-3	000NONPJ	matrix spike dup	3/31/2022	Pesticide	Picloram	n/a	=	3.79	µg/L	EPA 515.4	0.05	0.6			
2021/22-3	000NONPJ	matrix spike dup, rec	3/31/2022	Pesticide	Picloram	n/a	=	95	%	EPA 515.4	-88	-88	70	130	
2021/22-3	000NONPJ	matrix spike, RPD	3/31/2022	Pesticide	Picloram	n/a	=	7	%	EPA 515.4	-88	-88	0	30	
2021/22-3	Lab	method blank	3/31/2022	Pesticide	Picloram	n/a	<	0.05	µg/L	EPA 515.4	0.05	0.6			
2021/22-3	Lab	LCS	3/31/2022	Pesticide	Picloram	n/a	=	4.09	µg/L	EPA 515.4	0.05	0.6			
2021/22-3	Lab	LCS, rec	3/31/2022	Pesticide	Picloram	n/a	=	102	%	EPA 515.4	-88	-88	70	130	
2021/22-3	Lab	method blank	3/31/2022	Pesticide	Prometryn	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1			
2021/22-3	Lab	LCS	3/31/2022	Pesticide	Prometryn	n/a	=	3.93	µg/L	EPA 525.2	0.03	0.1			
2021/22-3	Lab	LCS, rec	3/31/2022	Pesticide	Prometryn	n/a	=	79	%	EPA 525.2	-88	-88	30	120	
2021/22-3	Lab	LCS dup	3/31/2022	Pesticide	Prometryn	n/a	=	3.61	µg/L	EPA 525.2	0.03	0.1			
2021/22-3	Lab	LCS dup, rec	3/31/2022	Pesticide	Prometryn	n/a	=	72	%	EPA 525.2	-88	-88	30	120	
2021/22-3	Lab	LCS, RPD	3/31/2022	Pesticide	Prometryn	n/a	=	9	%	EPA 525.2	-88	-88	0	30	
2021/22-3	Lab	method blank	4/14/2022	Pesticide	Prometryn	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1			
2021/22-3	Lab	LCS	4/14/2022	Pesticide	Prometryn	n/a	=	3.49	µg/L	EPA 525.2	0.03	0.1			
2021/22-3	Lab	LCS, rec	4/14/2022	Pesticide	Prometryn	n/a	=	70	%	EPA 525.2	-88	-88	30	120	
2021/22-3	Lab	LCS dup	4/14/2022	Pesticide	Prometryn	n/a	=	3.38	µg/L	EPA 525.2	0.03	0.1			
2021/22-3	Lab	LCS dup, rec	4/14/2022	Pesticide	Prometryn	n/a	=	68	%	EPA 525.2	-88	-88	30	120	
2021/22-3	Lab	LCS, RPD	4/14/2022	Pesticide	Prometryn	n/a	=	3	%	EPA 525.2	-88	-88	0	30	
2021/22-3	Lab	LCS	4/1/2022	Pesticide	Ronnel (Fenclorphos)	n/a	=	0.046	µg/L	EPA 625.1m	0.0041	0.01			
2021/22-3	Lab	LCS, rec	4/1/2022	Pesticide	Ronnel (Fenclorphos)	n/a	=	92	%	EPA 625.1m	-88	-88	63	129	
2021/22-3	Lab	method blank	4/1/2022	Pesticide	Ronnel (Fenclorphos)	n/a	<	0.0041	µg/L	EPA 625.1m	0.0041	0.01			
2021/22-3	Lab	LCS	4/7/2022	Pesticide	Ronnel (Fenclorphos)	n/a	=	0.0514	µg/L	EPA 625.1m	0.0041	0.01			
2021/22-3	Lab	LCS, rec	4/7/2022	Pesticide	Ronnel (Fenclorphos)	n/a	=	103	%	EPA 625.1m	-88	-88	63	129	
2021/22-3	Lab	method blank	4/8/2022	Pesticide	Ronnel (Fenclorphos)	n/a	<	0.0041	µg/L	EPA 625.1m	0.0041	0.01			
2021/22-3	ME-CC	matrix spike	4/1/2022	Pesticide	Ronnel (Fenclorphos)	n/a	=	0.119	µg/L	EPA 625.1m	0.0082	0.02			
2021/22-3	ME-CC	matrix spike, rec	4/1/2022	Pesticide	Ronnel (Fenclorphos)	n/a	=	119	%	EPA 625.1m	-88	-88	36	145	
2021/22-3	ME-CC	matrix spike dup	4/1/2022	Pesticide	Ronnel (Fenclorphos)	n/a	=	0.112	µg/L	EPA 625.1m	0.0082	0.02			
2021/22-3	ME-CC	matrix spike dup, rec	4/1/2022	Pesticide	Ronnel (Fenclorphos)	n/a	=	112	%	EPA 625.1m	-88	-88	36	145	
2021/22-3	ME-CC	matrix spike, RPD	4/1/2022	Pesticide	Ronnel (Fenclorphos)	n/a	=	7	%	EPA 625.1m	-88	-88	0	30	
2021/22-3	MO-SPA	matrix spike	4/7/2022	Pesticide	Ronnel (Fenclorphos)	n/a	=	0.076	µg/L	EPA 625.1m	0.0082	0.02			
2021/22-3	MO-SPA	matrix spike, rec	4/7/2022	Pesticide	Ronnel (Fenclorphos)	n/a	=	76	%	EPA 625.1m	-88	-88	36	145	
2021/22-3	MO-SPA	matrix spike dup	4/7/2022	Pesticide	Ronnel (Fenclorphos)	n/a	=	0.0681	µg/L	EPA 625.1m	0.0082	0.02			
2021/22-3	MO-SPA	matrix spike dup, rec	4/7/2022	Pesticide	Ronnel (Fenclorphos)	n/a	=	68	%	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	
2021/22-3	MO-SPA	matrix spike, RPD	4/7/2022	Pesticide	Ronnel (Fenclorphos)	n/a	=	11	%	EPA 625.1m	-88	-88	0	30	
2021/22-3	Lab	method blank	3/31/2022	Pesticide	Simazine	n/a	<	0.02	µg/L	EPA 525.2	0.02	0.1			
2021/22-3	Lab	LCS	3/31/2022	Pesticide	Simazine	n/a	=	5.94	µg/L	EPA 525.2	0.02	0.1			
2021/22-3	Lab	LCS, rec	3/31/2022	Pesticide	Simazine	n/a	=	119	%	EPA 525.2	-88	-88	60	130	
2021/22-3	Lab	LCS dup	3/31/2022	Pesticide	Simazine	n/a	=	5.9	µg/L	EPA 525.2	0.02	0.1			
2021/22-3	Lab	LCS dup, rec	3/31/2022	Pesticide	Simazine	n/a	=	118	%	EPA 525.2	-88	-88	60	130	
2021/22-3	Lab	LCS, RPD	3/31/2022	Pesticide	Simazine	n/a	=	0.7	%	EPA 525.2	-88	-88	0	30	
2021/22-3	Lab	method blank	4/14/2022	Pesticide	Simazine	n/a	<	0.02	µg/L	EPA 525.2	0.02	0.1			
2021/22-3	Lab	LCS	4/14/2022	Pesticide	Simazine	n/a	=	5.13	µg/L	EPA 525.2	0.02	0.1			
2021/22-3	Lab	LCS, rec	4/14/2022	Pesticide	Simazine	n/a	=	103	%	EPA 525.2	-88	-88	60	130	
2021/22-3	Lab	LCS dup	4/14/2022	Pesticide	Simazine	n/a	=	5.15	µg/L	EPA 525.2	0.02	0.1			
2021/22-3	Lab	LCS dup, rec	4/14/2022	Pesticide	Simazine	n/a	=	103	%	EPA 525.2	-88	-88	60	130	
2021/22-3	Lab	LCS, RPD	4/14/2022	Pesticide	Simazine	n/a	=	0.4	%	EPA 525.2	-88	-88	0	30	
2021/22-3	Lab	LCS	4/1/2022	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	=	0.0692	µg/L	EPA 625.1m	0.0031	0.01			
2021/22-3	Lab	LCS, rec	4/1/2022	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	=	138	%	EPA 625.1m	-88	-88	71	184	
2021/22-3	Lab	method blank	4/1/2022	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	<	0.0031	µg/L	EPA 625.1m	0.0031	0.01			
2021/22-3	Lab	LCS	4/7/2022	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	=	0.0641	µg/L	EPA 625.1m	0.0031	0.01			
2021/22-3	Lab	LCS, rec	4/7/2022	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	=	128	%	EPA 625.1m	-88	-88	71	184	
2021/22-3	Lab	method blank	4/8/2022	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	<	0.0031	µg/L	EPA 625.1m	0.0031	0.01			
2021/22-3	ME-CC	matrix spike	4/1/2022	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	=	0.231	µg/L	EPA 625.1m	0.0062	0.02			GB
2021/22-3	ME-CC	matrix spike, rec	4/1/2022	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	=	231	%	EPA 625.1m	-88	-88	0.1	158	GB
2021/22-3	ME-CC	matrix spike dup	4/1/2022	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	=	0.207	µg/L	EPA 625.1m	0.0062	0.02			GB
2021/22-3	ME-CC	matrix spike dup, rec	4/1/2022	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	=	207	%	EPA 625.1m	-88	-88	0.1	158	GB
2021/22-3	ME-CC	matrix spike, RPD	4/1/2022	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	=	11	%	EPA 625.1m	-88	-88	0	30	GB
2021/22-3	MO-SPA	matrix spike	4/7/2022	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	=	0.133	µg/L	EPA 625.1m	0.0062	0.02			
2021/22-3	MO-SPA	matrix spike, rec	4/7/2022	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	=	126	%	EPA 625.1m	-88	-88	0.1	158	
2021/22-3	MO-SPA	matrix spike dup	4/7/2022	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	=	0.136	µg/L	EPA 625.1m	0.0062	0.02			
2021/22-3	MO-SPA	matrix spike dup, rec	4/7/2022	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	=	130	%	EPA 625.1m	-88	-88	0.1	158	
2021/22-3	MO-SPA	matrix spike, RPD	4/7/2022	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	=	3	%	EPA 625.1m	-88	-88	0	30	
2021/22-3	Lab	method blank	3/31/2022	Pesticide	Terbacil	n/a	<	0.09	µg/L	EPA 525.2	0.09	2			
2021/22-3	Lab	LCS	3/31/2022	Pesticide	Terbacil	n/a	=	6.91	µg/L	EPA 525.2	0.09	2			EUM
2021/22-3	Lab	LCS, rec	3/31/2022	Pesticide	Terbacil	n/a	=	138	%	EPA 525.2	-88	-88	70	130	EUM
2021/22-3	Lab	LCS dup	3/31/2022	Pesticide	Terbacil	n/a	=	6.91	µg/L	EPA 525.2	0.09	2			EUM
2021/22-3	Lab	LCS dup, rec	3/31/2022	Pesticide	Terbacil	n/a	=	138	%	EPA 525.2	-88	-88	70	130	EUM
2021/22-3	Lab	LCS, RPD	3/31/2022	Pesticide	Terbacil	n/a	=	0.03	%	EPA 525.2	-88	-88	0	30	EUM
2021/22-3	Lab	method blank	4/14/2022	Pesticide	Terbacil	n/a	<	0.09	µg/L	EPA 525.2	0.09	2			
2021/22-3	Lab	LCS	4/14/2022	Pesticide	Terbacil	n/a	=	6.01	µg/L	EPA 525.2	0.09	2			
2021/22-3	Lab	LCS, rec	4/14/2022	Pesticide	Terbacil	n/a	=	120	%	EPA 525.2	-88	-88	70	130	
2021/22-3	Lab	LCS dup	4/14/2022	Pesticide	Terbacil	n/a	=	5.95	µg/L	EPA 525.2	0.09	2			
2021/22-3	Lab	LCS dup, rec	4/14/2022	Pesticide	Terbacil	n/a	=	119	%	EPA 525.2	-88	-88	70	130	
2021/22-3	Lab	LCS, RPD	4/14/2022	Pesticide	Terbacil	n/a	=	1	%	EPA 525.2	-88	-88	0	30	
2021/22-3	Lab	method blank	3/31/2022	Pesticide	Thiobencarb	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1			
2021/22-3	Lab	LCS	3/31/2022	Pesticide	Thiobencarb	n/a	=	5.68	µg/L	EPA 525.2	0.03	0.1			
2021/22-3	Lab	LCS, rec	3/31/2022	Pesticide	Thiobencarb	n/a	=	114	%	EPA 525.2	-88	-88	70	130	
2021/22-3	Lab	LCS dup	3/31/2022	Pesticide	Thiobencarb	n/a	=	5.61	µg/L	EPA 525.2	0.03	0.1			
2021/22-3	Lab	LCS dup, rec	3/31/2022	Pesticide	Thiobencarb	n/a	=	112	%	EPA 525.2	-88	-88	70	130	
2021/22-3	Lab	LCS, RPD	3/31/2022	Pesticide	Thiobencarb	n/a	=	1	%	EPA 525.2	-88	-88	0	30	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2021/22-3	Lab	method blank	4/14/2022	Pesticide	Thiobencarb	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1			
2021/22-3	Lab	LCS	4/14/2022	Pesticide	Thiobencarb	n/a	=	4.94	µg/L	EPA 525.2	0.03	0.1			
2021/22-3	Lab	LCS, rec	4/14/2022	Pesticide	Thiobencarb	n/a	=	99	%	EPA 525.2	-88	-88	70	130	
2021/22-3	Lab	LCS dup	4/14/2022	Pesticide	Thiobencarb	n/a	=	5.1	µg/L	EPA 525.2	0.03	0.1			
2021/22-3	Lab	LCS dup, rec	4/14/2022	Pesticide	Thiobencarb	n/a	=	102	%	EPA 525.2	-88	-88	70	130	
2021/22-3	Lab	LCS, RPD	4/14/2022	Pesticide	Thiobencarb	n/a	=	3	%	EPA 525.2	-88	-88	0	30	
2021/22-3	Lab	LCS	4/1/2022	Pesticide	Tokuthion	n/a	=	0.0458	µg/L	EPA 625.1m	0.0078	0.01			
2021/22-3	Lab	LCS, rec	4/1/2022	Pesticide	Tokuthion	n/a	=	92	%	EPA 625.1m	-88	-88	69	149	
2021/22-3	Lab	method blank	4/1/2022	Pesticide	Tokuthion	n/a	<	0.0078	µg/L	EPA 625.1m	0.0078	0.01			
2021/22-3	Lab	LCS	4/7/2022	Pesticide	Tokuthion	n/a	=	0.0502	µg/L	EPA 625.1m	0.0078	0.01			
2021/22-3	Lab	LCS, rec	4/7/2022	Pesticide	Tokuthion	n/a	=	100	%	EPA 625.1m	-88	-88	69	149	
2021/22-3	Lab	method blank	4/8/2022	Pesticide	Tokuthion	n/a	<	0.0078	µg/L	EPA 625.1m	0.0078	0.01			
2021/22-3	ME-CC	matrix spike	4/1/2022	Pesticide	Tokuthion	n/a	=	0.089	µg/L	EPA 625.1m	0.016	0.02			
2021/22-3	ME-CC	matrix spike, rec	4/1/2022	Pesticide	Tokuthion	n/a	=	89	%	EPA 625.1m	-88	-88	35	145	
2021/22-3	ME-CC	matrix spike dup	4/1/2022	Pesticide	Tokuthion	n/a	=	0.0842	µg/L	EPA 625.1m	0.016	0.02			
2021/22-3	ME-CC	matrix spike dup, rec	4/1/2022	Pesticide	Tokuthion	n/a	=	84	%	EPA 625.1m	-88	-88	35	145	
2021/22-3	ME-CC	matrix spike, RPD	4/1/2022	Pesticide	Tokuthion	n/a	=	6	%	EPA 625.1m	-88	-88	0	30	
2021/22-3	MO-SPA	matrix spike	4/7/2022	Pesticide	Tokuthion	n/a	=	0.0592	µg/L	EPA 625.1m	0.016	0.02			
2021/22-3	MO-SPA	matrix spike, rec	4/7/2022	Pesticide	Tokuthion	n/a	=	59	%	EPA 625.1m	-88	-88	35	145	
2021/22-3	MO-SPA	matrix spike dup	4/7/2022	Pesticide	Tokuthion	n/a	=	0.053	µg/L	EPA 625.1m	0.016	0.02			
2021/22-3	MO-SPA	matrix spike dup, rec	4/7/2022	Pesticide	Tokuthion	n/a	=	53	%	EPA 625.1m	-88	-88	35	145	
2021/22-3	MO-SPA	matrix spike, RPD	4/7/2022	Pesticide	Tokuthion	n/a	=	11	%	EPA 625.1m	-88	-88	0	30	
2021/22-3	Lab	method blank	4/9/2022	Pesticide	Toxaphene	n/a	<	0.085	µg/L	EPA 608.3	0.085	0.5			
2021/22-3	Lab	LCS	4/1/2022	Pesticide	Trichloronate	n/a	=	0.0446	µg/L	EPA 625.1m	0.0067	0.01			
2021/22-3	Lab	LCS, rec	4/1/2022	Pesticide	Trichloronate	n/a	=	89	%	EPA 625.1m	-88	-88	67	134	
2021/22-3	Lab	method blank	4/1/2022	Pesticide	Trichloronate	n/a	<	0.0067	µg/L	EPA 625.1m	0.0067	0.01			
2021/22-3	Lab	LCS	4/7/2022	Pesticide	Trichloronate	n/a	=	0.0486	µg/L	EPA 625.1m	0.0067	0.01			
2021/22-3	Lab	LCS, rec	4/7/2022	Pesticide	Trichloronate	n/a	=	97	%	EPA 625.1m	-88	-88	67	134	
2021/22-3	Lab	method blank	4/8/2022	Pesticide	Trichloronate	n/a	<	0.0067	µg/L	EPA 625.1m	0.0067	0.01			
2021/22-3	ME-CC	matrix spike	4/1/2022	Pesticide	Trichloronate	n/a	=	0.104	µg/L	EPA 625.1m	0.013	0.02			
2021/22-3	ME-CC	matrix spike, rec	4/1/2022	Pesticide	Trichloronate	n/a	=	104	%	EPA 625.1m	-88	-88	52	133	
2021/22-3	ME-CC	matrix spike dup	4/1/2022	Pesticide	Trichloronate	n/a	=	0.0983	µg/L	EPA 625.1m	0.013	0.02			
2021/22-3	ME-CC	matrix spike dup, rec	4/1/2022	Pesticide	Trichloronate	n/a	=	98	%	EPA 625.1m	-88	-88	52	133	
2021/22-3	ME-CC	matrix spike, RPD	4/1/2022	Pesticide	Trichloronate	n/a	=	6	%	EPA 625.1m	-88	-88	0	30	
2021/22-3	MO-SPA	matrix spike	4/7/2022	Pesticide	Trichloronate	n/a	=	0.0613	µg/L	EPA 625.1m	0.013	0.02			
2021/22-3	MO-SPA	matrix spike, rec	4/7/2022	Pesticide	Trichloronate	n/a	=	61	%	EPA 625.1m	-88	-88	52	133	
2021/22-3	MO-SPA	matrix spike dup	4/7/2022	Pesticide	Trichloronate	n/a	=	0.0552	µg/L	EPA 625.1m	0.013	0.02			
2021/22-3	MO-SPA	matrix spike dup, rec	4/7/2022	Pesticide	Trichloronate	n/a	=	55	%	EPA 625.1m	-88	-88	52	133	
2021/22-3	MO-SPA	matrix spike, RPD	4/7/2022	Pesticide	Trichloronate	n/a	=	10	%	EPA 625.1m	-88	-88	0	30	
2021/22-3	Lab	method blank	3/31/2022	Pesticide	Trithion	n/a	<	0.02	µg/L	EPA 525.2	0.02	0.1			
2021/22-3	Lab	LCS	3/31/2022	Pesticide	Trithion	n/a	=	5.63	µg/L	EPA 525.2	0.02	0.1			
2021/22-3	Lab	LCS, rec	3/31/2022	Pesticide	Trithion	n/a	=	113	%	EPA 525.2	-88	-88	70	130	
2021/22-3	Lab	LCS dup	3/31/2022	Pesticide	Trithion	n/a	=	5.54	µg/L	EPA 525.2	0.02	0.1			
2021/22-3	Lab	LCS dup, rec	3/31/2022	Pesticide	Trithion	n/a	=	111	%	EPA 525.2	-88	-88	70	130	
2021/22-3	Lab	LCS, RPD	3/31/2022	Pesticide	Trithion	n/a	=	2	%	EPA 525.2	-88	-88	0	30	
2021/22-3	Lab	method blank	4/14/2022	Pesticide	Trithion	n/a	<	0.02	µg/L	EPA 525.2	0.02	0.1			
2021/22-3	Lab	LCS	4/14/2022	Pesticide	Trithion	n/a	=	5.15	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	
2021/22-3	Lab	LCS, rec	4/14/2022	Pesticide	Trithion	n/a	=	103	%	EPA 525.2	-88	-88	70	130	
2021/22-3	Lab	LCS dup	4/14/2022	Pesticide	Trithion	n/a	=	5.45	µg/L	EPA 525.2	0.02	0.1			
2021/22-3	Lab	LCS dup, rec	4/14/2022	Pesticide	Trithion	n/a	=	109	%	EPA 525.2	-88	-88	70	130	
2021/22-3	Lab	LCS, RPD	4/14/2022	Pesticide	Trithion	n/a	=	6	%	EPA 525.2	-88	-88	0	30	
2021/22-4	000NONPJ	matrix spike	5/12/2022	Anion	Chloride	n/a	=	291	mg/L	EPA 300.0	1.9	5			
2021/22-4	000NONPJ	matrix spike, rec	5/12/2022	Anion	Chloride	n/a	=	96	%	EPA 300.0	-88	-88	76	118	
2021/22-4	000NONPJ	matrix spike dup	5/12/2022	Anion	Chloride	n/a	=	291	mg/L	EPA 300.0	1.9	5			
2021/22-4	000NONPJ	matrix spike dup, rec	5/12/2022	Anion	Chloride	n/a	=	96	%	EPA 300.0	-88	-88	76	118	
2021/22-4	000NONPJ	matrix spike, RPD	5/12/2022	Anion	Chloride	n/a	=	0.2	%	EPA 300.0	-88	-88	0	20	
2021/22-4	000NONPJ	matrix spike	5/12/2022	Anion	Chloride	n/a	=	323	mg/L	EPA 300.0	1.9	5			
2021/22-4	000NONPJ	matrix spike, rec	5/12/2022	Anion	Chloride	n/a	=	101	%	EPA 300.0	-88	-88	76	118	
2021/22-4	000NONPJ	matrix spike dup	5/12/2022	Anion	Chloride	n/a	=	325	mg/L	EPA 300.0	1.9	5			
2021/22-4	000NONPJ	matrix spike dup, rec	5/12/2022	Anion	Chloride	n/a	=	102	%	EPA 300.0	-88	-88	76	118	
2021/22-4	000NONPJ	matrix spike, RPD	5/12/2022	Anion	Chloride	n/a	=	0.6	%	EPA 300.0	-88	-88	0	20	
2021/22-4	000NONPJ	matrix spike	5/21/2022	Anion	Chloride	n/a	=	251	mg/L	EPA 300.0	1.9	5			
2021/22-4	000NONPJ	matrix spike, rec	5/21/2022	Anion	Chloride	n/a	=	105	%	EPA 300.0	-88	-88	76	118	
2021/22-4	000NONPJ	matrix spike dup	5/21/2022	Anion	Chloride	n/a	=	251	mg/L	EPA 300.0	1.9	5			
2021/22-4	000NONPJ	matrix spike dup, rec	5/21/2022	Anion	Chloride	n/a	=	105	%	EPA 300.0	-88	-88	76	118	
2021/22-4	000NONPJ	matrix spike, RPD	5/21/2022	Anion	Chloride	n/a	=	0.03	%	EPA 300.0	-88	-88	0	20	
2021/22-4	000NONPJ	matrix spike	5/21/2022	Anion	Chloride	n/a	=	262	mg/L	EPA 300.0	1.9	5			
2021/22-4	000NONPJ	matrix spike, rec	5/21/2022	Anion	Chloride	n/a	=	103	%	EPA 300.0	-88	-88	76	118	
2021/22-4	000NONPJ	matrix spike dup	5/21/2022	Anion	Chloride	n/a	=	262	mg/L	EPA 300.0	1.9	5			
2021/22-4	000NONPJ	matrix spike dup, rec	5/21/2022	Anion	Chloride	n/a	=	103	%	EPA 300.0	-88	-88	76	118	
2021/22-4	000NONPJ	matrix spike, RPD	5/21/2022	Anion	Chloride	n/a	=	0.02	%	EPA 300.0	-88	-88	0	20	
2021/22-4	Lab	method blank	5/11/2022	Anion	Chloride	n/a	<	0.19	mg/L	EPA 300.0	0.19	0.5			
2021/22-4	Lab	LCS	5/11/2022	Anion	Chloride	n/a	=	20.8	mg/L	EPA 300.0	0.19	0.5			
2021/22-4	Lab	LCS, rec	5/11/2022	Anion	Chloride	n/a	=	104	%	EPA 300.0	-88	-88	90	110	
2021/22-4	Lab	method blank	5/20/2022	Anion	Chloride	n/a	<	0.19	mg/L	EPA 300.0	0.19	0.5			
2021/22-4	Lab	LCS	5/20/2022	Anion	Chloride	n/a	=	20.6	mg/L	EPA 300.0	0.19	0.5			
2021/22-4	Lab	LCS, rec	5/20/2022	Anion	Chloride	n/a	=	103	%	EPA 300.0	-88	-88	90	110	
2021/22-4	000NONPJ	matrix spike	5/12/2022	Anion	Fluoride	n/a	=	19.7	mg/L	EPA 300.0	0.09	1			
2021/22-4	000NONPJ	matrix spike, rec	5/12/2022	Anion	Fluoride	n/a	=	96	%	EPA 300.0	-88	-88	86	107	
2021/22-4	000NONPJ	matrix spike dup	5/12/2022	Anion	Fluoride	n/a	=	19.8	mg/L	EPA 300.0	0.09	1			
2021/22-4	000NONPJ	matrix spike dup, rec	5/12/2022	Anion	Fluoride	n/a	=	96	%	EPA 300.0	-88	-88	86	107	
2021/22-4	000NONPJ	matrix spike, RPD	5/12/2022	Anion	Fluoride	n/a	=	0.6	%	EPA 300.0	-88	-88	0	20	
2021/22-4	000NONPJ	matrix spike	5/12/2022	Anion	Fluoride	n/a	=	20.4	mg/L	EPA 300.0	0.09	1			
2021/22-4	000NONPJ	matrix spike, rec	5/12/2022	Anion	Fluoride	n/a	=	99	%	EPA 300.0	-88	-88	86	107	
2021/22-4	000NONPJ	matrix spike dup	5/12/2022	Anion	Fluoride	n/a	=	20.7	mg/L	EPA 300.0	0.09	1			
2021/22-4	000NONPJ	matrix spike dup, rec	5/12/2022	Anion	Fluoride	n/a	=	100	%	EPA 300.0	-88	-88	86	107	
2021/22-4	000NONPJ	matrix spike, RPD	5/12/2022	Anion	Fluoride	n/a	=	1	%	EPA 300.0	-88	-88	0	20	
2021/22-4	000NONPJ	matrix spike	5/21/2022	Anion	Fluoride	n/a	=	22.1	mg/L	EPA 300.0	0.09	1			
2021/22-4	000NONPJ	matrix spike, rec	5/21/2022	Anion	Fluoride	n/a	=	106	%	EPA 300.0	-88	-88	86	107	
2021/22-4	000NONPJ	matrix spike dup	5/21/2022	Anion	Fluoride	n/a	=	22.2	mg/L	EPA 300.0	0.09	1			
2021/22-4	000NONPJ	matrix spike dup, rec	5/21/2022	Anion	Fluoride	n/a	=	106	%	EPA 300.0	-88	-88	86	107	
2021/22-4	000NONPJ	matrix spike, RPD	5/21/2022	Anion	Fluoride	n/a	=	0.3	%	EPA 300.0	-88	-88	0	20	
2021/22-4	000NONPJ	matrix spike	5/21/2022	Anion	Fluoride	n/a	=	22.1	mg/L	EPA 300.0	0.09	1			
2021/22-4	000NONPJ	matrix spike, rec	5/21/2022	Anion	Fluoride	n/a	=	105	%	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	
2021/22-4	000NONPJ	matrix spike dup	5/21/2022	Anion	Fluoride	n/a	=	22.1	mg/L	EPA 300.0	0.09	1			
2021/22-4	000NONPJ	matrix spike dup, rec	5/21/2022	Anion	Fluoride	n/a	=	105	%	EPA 300.0	-88	-88	86	107	
2021/22-4	000NONPJ	matrix spike, RPD	5/21/2022	Anion	Fluoride	n/a	=	0.2	%	EPA 300.0	-88	-88	0	20	
2021/22-4	Lab	method blank	5/11/2022	Anion	Fluoride	n/a	<	0.009	mg/L	EPA 300.0	0.009	0.1			
2021/22-4	Lab	LCS	5/11/2022	Anion	Fluoride	n/a	=	2.05	mg/L	EPA 300.0	0.009	0.1			
2021/22-4	Lab	LCS, rec	5/11/2022	Anion	Fluoride	n/a	=	102	%	EPA 300.0	-88	-88	90	110	
2021/22-4	Lab	method blank	5/20/2022	Anion	Fluoride	n/a	<	0.009	mg/L	EPA 300.0	0.009	0.1			
2021/22-4	Lab	LCS	5/20/2022	Anion	Fluoride	n/a	=	2.02	mg/L	EPA 300.0	0.009	0.1			
2021/22-4	Lab	LCS, rec	5/20/2022	Anion	Fluoride	n/a	=	101	%	EPA 300.0	-88	-88	90	110	
2021/22-4	000NONPJ	matrix spike	5/13/2022	Anion	Perchlorate	n/a	=	0.979	µg/L	EPA 331	0.043	0.1			
2021/22-4	000NONPJ	matrix spike, rec	5/13/2022	Anion	Perchlorate	n/a	=	98	%	EPA 331	-88	-88	80	120	
2021/22-4	000NONPJ	matrix spike dup	5/13/2022	Anion	Perchlorate	n/a	=	0.986	µg/L	EPA 331	0.043	0.1			
2021/22-4	000NONPJ	matrix spike dup, rec	5/13/2022	Anion	Perchlorate	n/a	=	99	%	EPA 331	-88	-88	80	120	
2021/22-4	000NONPJ	matrix spike, RPD	5/13/2022	Anion	Perchlorate	n/a	=	0.7	%	EPA 331	-88	-88	0	20	
2021/22-4	000NONPJ	matrix spike	5/27/2022	Anion	Perchlorate	n/a	=	25.8	µg/L	EPA 331	0.043	0.1			
2021/22-4	000NONPJ	matrix spike, rec	5/27/2022	Anion	Perchlorate	n/a	=	101	%	EPA 331	-88	-88	80	120	
2021/22-4	000NONPJ	matrix spike dup	5/27/2022	Anion	Perchlorate	n/a	=	25.9	µg/L	EPA 331	0.043	0.1			
2021/22-4	000NONPJ	matrix spike dup, rec	5/27/2022	Anion	Perchlorate	n/a	=	101	%	EPA 331	-88	-88	80	120	
2021/22-4	000NONPJ	matrix spike, RPD	5/27/2022	Anion	Perchlorate	n/a	=	0.4	%	EPA 331	-88	-88	0	20	
2021/22-4	Lab	method blank	5/13/2022	Anion	Perchlorate	n/a	<	0.043	µg/L	EPA 331	0.043	0.1			
2021/22-4	Lab	LCS	5/13/2022	Anion	Perchlorate	n/a	=	0.991	µg/L	EPA 331	0.043	0.1			
2021/22-4	Lab	LCS, rec	5/13/2022	Anion	Perchlorate	n/a	=	99	%	EPA 331	-88	-88	80	120	
2021/22-4	Lab	method blank	5/27/2022	Anion	Perchlorate	n/a	<	0.043	µg/L	EPA 331	0.043	0.1			
2021/22-4	Lab	LCS	5/27/2022	Anion	Perchlorate	n/a	=	20.6	µg/L	EPA 331	0.043	0.1			
2021/22-4	Lab	LCS, rec	5/27/2022	Anion	Perchlorate	n/a	=	103	%	EPA 331	-88	-88	80	120	
2021/22-4	Lab	method blank	5/4/2022	Bacteriological	E. Coli	n/a	<	10	MPN/100 mL	MMO-MUG	10	10	-88	10	
2021/22-4	Lab	method blank	5/18/2022	Bacteriological	E. Coli	n/a	<	10	MPN/100 mL	MMO-MUG	10	10	-88	10	
2021/22-4	Lab	method blank	5/20/2022	Bacteriological	E. Coli	n/a	<	10	MPN/100 mL	MMO-MUG	10	10	-88	10	
2021/22-4	Lab	method blank	5/4/2022	Bacteriological	Total Coliform	n/a	<	10	MPN/100 mL	MMO-MUG	10	10	-88	10	
2021/22-4	Lab	method blank	5/18/2022	Bacteriological	Total Coliform	n/a	<	10	MPN/100 mL	MMO-MUG	10	10	-88	10	
2021/22-4	Lab	method blank	5/20/2022	Bacteriological	Total Coliform	n/a	<	10	MPN/100 mL	MMO-MUG	10	10	-88	10	
2021/22-4	000NONPJ	matrix spike	6/1/2022	Cation	Calcium	Total	=	166	mg/L	EPA 200.7	0.0234	0.5			
2021/22-4	000NONPJ	matrix spike, rec	6/1/2022	Cation	Calcium	Total	=	94	%	EPA 200.7	-88	-88	70	130	
2021/22-4	000NONPJ	matrix spike dup	6/1/2022	Cation	Calcium	Total	=	165	mg/L	EPA 200.7	0.0234	0.5			
2021/22-4	000NONPJ	matrix spike dup, rec	6/1/2022	Cation	Calcium	Total	=	92	%	EPA 200.7	-88	-88	70	130	
2021/22-4	000NONPJ	matrix spike, RPD	6/1/2022	Cation	Calcium	Total	=	0.7	%	EPA 200.7	-88	-88	0	30	
2021/22-4	000NONPJ	matrix spike	6/1/2022	Cation	Calcium	Total	=	612	mg/L	EPA 200.7	0.0234	0.5			GB
2021/22-4	000NONPJ	matrix spike, rec	6/1/2022	Cation	Calcium	Total	=	-109	%	EPA 200.7	-88	-88	70	130	GB
2021/22-4	000NONPJ	matrix spike dup	6/1/2022	Cation	Calcium	Total	=	611	mg/L	EPA 200.7	0.0234	0.5			GB
2021/22-4	000NONPJ	matrix spike dup, rec	6/1/2022	Cation	Calcium	Total	=	-10	%	EPA 200.7	-88	-88	70	130	GB
2021/22-4	000NONPJ	matrix spike, RPD	6/1/2022	Cation	Calcium	Total	=	0.08	%	EPA 200.7	-88	-88	0	30	GB
2021/22-4	000NONPJ	matrix spike	6/2/2022	Cation	Calcium	Total	=	718	mg/L	EPA 200.7	0.234	5			
2021/22-4	000NONPJ	matrix spike, rec	6/2/2022	Cation	Calcium	Total	=	103	%	EPA 200.7	-88	-88	70	130	
2021/22-4	000NONPJ	matrix spike dup	6/2/2022	Cation	Calcium	Total	=	724	mg/L	EPA 200.7	0.234	5			
2021/22-4	000NONPJ	matrix spike dup, rec	6/2/2022	Cation	Calcium	Total	=	115	%	EPA 200.7	-88	-88	70	130	
2021/22-4	000NONPJ	matrix spike, RPD	6/2/2022	Cation	Calcium	Total	=	0.8	%	EPA 200.7	-88	-88	0	30	
2021/22-4	Lab	method blank	5/16/2022	Cation	Calcium	Total	<	0.0234	mg/L	EPA 200.7	0.0234	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	
2021/22-4	Lab	LCS	5/16/2022	Cation	Calcium	Total	=	49.4	mg/L	EPA 200.7	0.0234	0.5			
2021/22-4	Lab	LCS, rec	5/16/2022	Cation	Calcium	Total	=	99	%	EPA 200.7	-88	-88	85	115	
2021/22-4	Lab	method blank	6/1/2022	Cation	Calcium	Total	<	0.0234	mg/L	EPA 200.7	0.0234	0.5			
2021/22-4	Lab	LCS	6/1/2022	Cation	Calcium	Total	=	49.3	mg/L	EPA 200.7	0.0234	0.5			
2021/22-4	Lab	LCS, rec	6/1/2022	Cation	Calcium	Total	=	98	%	EPA 200.7	-88	-88	85	115	
2021/22-4	Lab	method blank	6/1/2022	Cation	Calcium	Total	DNQ	0.0256	mg/L	EPA 200.7	0.0234	0.5			IP
2021/22-4	Lab	LCS	6/1/2022	Cation	Calcium	Total	=	47.5	mg/L	EPA 200.7	0.0234	0.5			
2021/22-4	Lab	LCS, rec	6/1/2022	Cation	Calcium	Total	=	95	%	EPA 200.7	-88	-88	85	115	
2021/22-4	Lab	method blank	6/2/2022	Cation	Calcium	Total	<	0.0234	mg/L	EPA 200.7	0.0234	0.5			
2021/22-4	Lab	LCS	6/2/2022	Cation	Calcium	Total	=	50.9	mg/L	EPA 200.7	0.0234	0.5			
2021/22-4	Lab	LCS, rec	6/2/2022	Cation	Calcium	Total	=	101	%	EPA 200.7	-88	-88	85	115	
2021/22-4	Lab	method blank	6/2/2022	Cation	Calcium	Total	DNQ	0.0245	mg/L	EPA 200.7	0.0234	0.5			IP
2021/22-4	Lab	LCS	6/2/2022	Cation	Calcium	Total	=	48.7	mg/L	EPA 200.7	0.0234	0.5			
2021/22-4	Lab	LCS, rec	6/2/2022	Cation	Calcium	Total	=	97	%	EPA 200.7	-88	-88	85	115	
2021/22-4	ME-VR2	matrix spike	5/16/2022	Cation	Calcium	Total	=	182	mg/L	EPA 200.7	0.0234	0.5			
2021/22-4	ME-VR2	matrix spike, rec	5/16/2022	Cation	Calcium	Total	=	88	%	EPA 200.7	-88	-88	70	130	
2021/22-4	ME-VR2	matrix spike dup	5/16/2022	Cation	Calcium	Total	=	186	mg/L	EPA 200.7	0.0234	0.5			
2021/22-4	ME-VR2	matrix spike dup, rec	5/16/2022	Cation	Calcium	Total	=	97	%	EPA 200.7	-88	-88	70	130	
2021/22-4	ME-VR2	matrix spike, RPD	5/16/2022	Cation	Calcium	Total	=	2	%	EPA 200.7	-88	-88	0	30	
2021/22-4	MO-THO	matrix spike	6/1/2022	Cation	Calcium	Total	=	141	mg/L	EPA 200.7	0.0234	0.5			
2021/22-4	MO-THO	matrix spike, rec	6/1/2022	Cation	Calcium	Total	=	87	%	EPA 200.7	-88	-88	70	130	
2021/22-4	MO-THO	matrix spike dup	6/1/2022	Cation	Calcium	Total	=	142	mg/L	EPA 200.7	0.0234	0.5			
2021/22-4	MO-THO	matrix spike dup, rec	6/1/2022	Cation	Calcium	Total	=	89	%	EPA 200.7	-88	-88	70	130	
2021/22-4	MO-THO	matrix spike, RPD	6/1/2022	Cation	Calcium	Total	=	1	%	EPA 200.7	-88	-88	0	30	
2021/22-4	MO-THO	matrix spike	6/2/2022	Cation	Calcium	Total	=	145	mg/L	EPA 200.7	0.0234	0.5			
2021/22-4	MO-THO	matrix spike, rec	6/2/2022	Cation	Calcium	Total	=	95	%	EPA 200.7	-88	-88	70	130	
2021/22-4	MO-THO	matrix spike dup	6/2/2022	Cation	Calcium	Total	=	147	mg/L	EPA 200.7	0.0234	0.5			
2021/22-4	MO-THO	matrix spike dup, rec	6/2/2022	Cation	Calcium	Total	=	99	%	EPA 200.7	-88	-88	70	130	
2021/22-4	MO-THO	matrix spike, RPD	6/2/2022	Cation	Calcium	Total	=	1	%	EPA 200.7	-88	-88	0	30	
2021/22-4	000NONPJ	matrix spike	6/1/2022	Cation	Magnesium	Total	=	87.4	mg/L	EPA 200.7	0.039	0.5			
2021/22-4	000NONPJ	matrix spike, rec	6/1/2022	Cation	Magnesium	Total	=	97	%	EPA 200.7	-88	-88	70	130	
2021/22-4	000NONPJ	matrix spike dup	6/1/2022	Cation	Magnesium	Total	=	87.4	mg/L	EPA 200.7	0.039	0.5			
2021/22-4	000NONPJ	matrix spike dup, rec	6/1/2022	Cation	Magnesium	Total	=	97	%	EPA 200.7	-88	-88	70	130	
2021/22-4	000NONPJ	matrix spike, RPD	6/1/2022	Cation	Magnesium	Total	=	0.09	%	EPA 200.7	-88	-88	0	30	
2021/22-4	000NONPJ	matrix spike	6/1/2022	Cation	Magnesium	Total	=	622	mg/L	EPA 200.7	0.039	0.5			GB
2021/22-4	000NONPJ	matrix spike, rec	6/1/2022	Cation	Magnesium	Total	=	67	%	EPA 200.7	-88	-88	70	130	GB
2021/22-4	000NONPJ	matrix spike dup	6/1/2022	Cation	Magnesium	Total	=	623	mg/L	EPA 200.7	0.039	0.5			GB
2021/22-4	000NONPJ	matrix spike dup, rec	6/1/2022	Cation	Magnesium	Total	=	67	%	EPA 200.7	-88	-88	70	130	GB
2021/22-4	000NONPJ	matrix spike, RPD	6/1/2022	Cation	Magnesium	Total	=	0.06	%	EPA 200.7	-88	-88	0	30	GB
2021/22-4	000NONPJ	matrix spike	6/2/2022	Cation	Magnesium	Total	=	641	mg/L	EPA 200.7	0.39	5			
2021/22-4	000NONPJ	matrix spike, rec	6/2/2022	Cation	Magnesium	Total	=	104	%	EPA 200.7	-88	-88	70	130	
2021/22-4	000NONPJ	matrix spike dup	6/2/2022	Cation	Magnesium	Total	=	646	mg/L	EPA 200.7	0.39	5			
2021/22-4	000NONPJ	matrix spike dup, rec	6/2/2022	Cation	Magnesium	Total	=	114	%	EPA 200.7	-88	-88	70	130	
2021/22-4	000NONPJ	matrix spike, RPD	6/2/2022	Cation	Magnesium	Total	=	0.8	%	EPA 200.7	-88	-88	0	30	
2021/22-4	Lab	method blank	5/16/2022	Cation	Magnesium	Total	<	0.039	mg/L	EPA 200.7	0.039	0.5			
2021/22-4	Lab	LCS	5/16/2022	Cation	Magnesium	Total	=	50.1	mg/L	EPA 200.7	0.039	0.5			
2021/22-4	Lab	LCS, rec	5/16/2022	Cation	Magnesium	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	
2021/22-4	Lab	method blank	6/1/2022	Cation	Magnesium	Total	<	0.039	mg/L	EPA 200.7	0.039	0.5			
2021/22-4	Lab	LCS	6/1/2022	Cation	Magnesium	Total	=	49.4	mg/L	EPA 200.7	0.039	0.5			
2021/22-4	Lab	LCS, rec	6/1/2022	Cation	Magnesium	Total	=	98	%	EPA 200.7	-88	-88	85	115	
2021/22-4	Lab	method blank	6/1/2022	Cation	Magnesium	Total	<	0.039	mg/L	EPA 200.7	0.039	0.5			
2021/22-4	Lab	LCS	6/1/2022	Cation	Magnesium	Total	=	47.4	mg/L	EPA 200.7	0.039	0.5			
2021/22-4	Lab	LCS, rec	6/1/2022	Cation	Magnesium	Total	=	95	%	EPA 200.7	-88	-88	85	115	
2021/22-4	Lab	method blank	6/2/2022	Cation	Magnesium	Total	<	0.039	mg/L	EPA 200.7	0.039	0.5			
2021/22-4	Lab	LCS	6/2/2022	Cation	Magnesium	Total	=	49.7	mg/L	EPA 200.7	0.039	0.5			
2021/22-4	Lab	LCS, rec	6/2/2022	Cation	Magnesium	Total	=	99	%	EPA 200.7	-88	-88	85	115	
2021/22-4	ME-VR2	matrix spike	5/16/2022	Cation	Magnesium	Total	=	85.3	mg/L	EPA 200.7	0.039	0.5			
2021/22-4	ME-VR2	matrix spike, rec	5/16/2022	Cation	Magnesium	Total	=	98	%	EPA 200.7	-88	-88	70	130	
2021/22-4	ME-VR2	matrix spike dup	5/16/2022	Cation	Magnesium	Total	=	87.1	mg/L	EPA 200.7	0.039	0.5			
2021/22-4	ME-VR2	matrix spike dup, rec	5/16/2022	Cation	Magnesium	Total	=	102	%	EPA 200.7	-88	-88	70	130	
2021/22-4	ME-VR2	matrix spike, RPD	5/16/2022	Cation	Magnesium	Total	=	2	%	EPA 200.7	-88	-88	0	30	
2021/22-4	MO-THO	matrix spike	6/1/2022	Cation	Magnesium	Total	=	132	mg/L	EPA 200.7	0.039	0.5			
2021/22-4	MO-THO	matrix spike, rec	6/1/2022	Cation	Magnesium	Total	=	90	%	EPA 200.7	-88	-88	70	130	
2021/22-4	MO-THO	matrix spike dup	6/1/2022	Cation	Magnesium	Total	=	133	mg/L	EPA 200.7	0.039	0.5			
2021/22-4	MO-THO	matrix spike dup, rec	6/1/2022	Cation	Magnesium	Total	=	92	%	EPA 200.7	-88	-88	70	130	
2021/22-4	MO-THO	matrix spike, RPD	6/1/2022	Cation	Magnesium	Total	=	1	%	EPA 200.7	-88	-88	0	30	
2021/22-4	000NONPJ	lab duplicate	5/12/2022	Conventional	Alkalinity as CaCO3	n/a	=	172	mg/L	SM 2320 B	1.9	5		15	
2021/22-4	000NONPJ	lab duplicate	5/25/2022	Conventional	Alkalinity as CaCO3	n/a	=	87.8	mg/L	SM 2320 B	1.9	5		15	
2021/22-4	000NONPJ	lab duplicate	5/27/2022	Conventional	Alkalinity as CaCO3	n/a	=	131	mg/L	SM 2320 B	1.9	5		15	
2021/22-4	Lab	LCS	5/12/2022	Conventional	Alkalinity as CaCO3	n/a	=	254	mg/L	SM 2320 B	1.9	5			
2021/22-4	Lab	LCS, rec	5/12/2022	Conventional	Alkalinity as CaCO3	n/a	=	102	%	SM 2320 B	-88	-88	94	108	
2021/22-4	Lab	method blank	5/12/2022	Conventional	Alkalinity as CaCO3	n/a	<	1.9	mg/L	SM 2320 B	1.9	5			
2021/22-4	Lab	method blank	5/25/2022	Conventional	Alkalinity as CaCO3	n/a	<	1.9	mg/L	SM 2320 B	1.9	5			
2021/22-4	Lab	LCS	5/25/2022	Conventional	Alkalinity as CaCO3	n/a	=	247	mg/L	SM 2320 B	1.9	5			
2021/22-4	Lab	LCS, rec	5/25/2022	Conventional	Alkalinity as CaCO3	n/a	=	99	%	SM 2320 B	-88	-88	94	108	
2021/22-4	Lab	method blank	5/26/2022	Conventional	Alkalinity as CaCO3	n/a	<	1.9	mg/L	SM 2320 B	1.9	5			
2021/22-4	Lab	LCS	5/26/2022	Conventional	Alkalinity as CaCO3	n/a	=	244	mg/L	SM 2320 B	1.9	5			
2021/22-4	Lab	LCS, rec	5/26/2022	Conventional	Alkalinity as CaCO3	n/a	=	98	%	SM 2320 B	-88	-88	94	108	
2021/22-4	000NONPJ	lab duplicate	5/9/2022	Conventional	BOD	n/a	=	2.23	mg/L	SM 5210 B	2	2		20	
2021/22-4	000NONPJ	lab duplicate	5/23/2022	Conventional	BOD	n/a	=	2.51	mg/L	SM 5210 B	2	2		20	
2021/22-4	Lab	method blank	5/9/2022	Conventional	BOD	n/a	<	2	mg/L	SM 5210 B	2	2			
2021/22-4	Lab	method blank	5/9/2022	Conventional	BOD	n/a	<	2	mg/L	SM 5210 B	2	2			
2021/22-4	Lab	LCS	5/9/2022	Conventional	BOD	n/a	=	185	mg/L	SM 5210 B	2	2			
2021/22-4	Lab	LCS, rec	5/9/2022	Conventional	BOD	n/a	=	94	%	SM 5210 B	-88	-88	85	115	
2021/22-4	Lab	method blank	5/23/2022	Conventional	BOD	n/a	<	2	mg/L	SM 5210 B	2	2			
2021/22-4	Lab	method blank	5/23/2022	Conventional	BOD	n/a	<	2	mg/L	SM 5210 B	2	2			
2021/22-4	Lab	method blank	5/23/2022	Conventional	BOD	n/a	<	2	mg/L	SM 5210 B	2	2			
2021/22-4	Lab	LCS	5/23/2022	Conventional	BOD	n/a	=	187	mg/L	SM 5210 B	2	2			
2021/22-4	Lab	LCS, rec	5/23/2022	Conventional	BOD	n/a	=	94	%	SM 5210 B	-88	-88	85	115	
2021/22-4	Lab	method blank	5/25/2022	Conventional	BOD	n/a	<	2	mg/L	SM 5210 B	2	2			
2021/22-4	Lab	method blank	5/25/2022	Conventional	BOD	n/a	<	2	mg/L	SM 5210 B	2	2			
2021/22-4	Lab	method blank	5/25/2022	Conventional	BOD	n/a	<	2	mg/L	SM 5210 B	2	2			
2021/22-4	Lab	LCS	5/25/2022	Conventional	BOD	n/a	=	184	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	
2021/22-4	Lab	LCS, rec	5/25/2022	Conventional	BOD	n/a	=	93	%	SM 5210 B	-88	-88	85	115	
2021/22-4	MO-SIM	lab duplicate	5/25/2022	Conventional	BOD	n/a	<	2	mg/L	SM 5210 B	2	2		20	
2021/22-4	000NONPJ	matrix spike	5/15/2022	Conventional	COD	n/a	=	2180	mg/L	EPA 410.4	12	20			
2021/22-4	000NONPJ	matrix spike dup	5/15/2022	Conventional	COD	n/a	=	2180	mg/L	EPA 410.4	12	20			
2021/22-4	000NONPJ	matrix spike dup, rec	5/15/2022	Conventional	COD	n/a	=	101	%	EPA 410.4	-88	-88	90	110	
2021/22-4	000NONPJ	matrix spike, rec	5/15/2022	Conventional	COD	n/a	=	101	%	EPA 410.4	-88	-88	90	110	
2021/22-4	000NONPJ	matrix spike, RPD	5/15/2022	Conventional	COD	n/a	=	0	%	EPA 410.4	-88	-88	0	15	
2021/22-4	000NONPJ	lab duplicate	5/15/2022	Conventional	COD	n/a	=	12400	mg/L	EPA 410.4	58	100		15	
2021/22-4	000NONPJ	matrix spike	5/15/2022	Conventional	COD	n/a	=	213	mg/L	EPA 410.4	12	20			
2021/22-4	000NONPJ	matrix spike dup	5/15/2022	Conventional	COD	n/a	=	213	mg/L	EPA 410.4	12	20			
2021/22-4	000NONPJ	matrix spike dup, rec	5/15/2022	Conventional	COD	n/a	=	107	%	EPA 410.4	-88	-88	90	110	
2021/22-4	000NONPJ	matrix spike, rec	5/15/2022	Conventional	COD	n/a	=	107	%	EPA 410.4	-88	-88	90	110	
2021/22-4	000NONPJ	matrix spike, RPD	5/15/2022	Conventional	COD	n/a	=	0	%	EPA 410.4	-88	-88	0	15	
2021/22-4	000NONPJ	lab duplicate	5/25/2022	Conventional	COD	n/a	=	66800	mg/L	EPA 410.4	580	1000		15	
2021/22-4	000NONPJ	matrix spike	5/25/2022	Conventional	COD	n/a	=	2650	mg/L	EPA 410.4	12	20			
2021/22-4	000NONPJ	matrix spike dup	5/25/2022	Conventional	COD	n/a	=	2650	mg/L	EPA 410.4	12	20			
2021/22-4	000NONPJ	matrix spike dup, rec	5/25/2022	Conventional	COD	n/a	=	101	%	EPA 410.4	-88	-88	90	110	
2021/22-4	000NONPJ	matrix spike, rec	5/25/2022	Conventional	COD	n/a	=	101	%	EPA 410.4	-88	-88	90	110	
2021/22-4	000NONPJ	matrix spike, RPD	5/25/2022	Conventional	COD	n/a	=	0	%	EPA 410.4	-88	-88	0	15	
2021/22-4	000NONPJ	matrix spike	5/25/2022	Conventional	COD	n/a	=	200	mg/L	EPA 410.4	12	20			
2021/22-4	000NONPJ	matrix spike dup	5/25/2022	Conventional	COD	n/a	=	200	mg/L	EPA 410.4	12	20			
2021/22-4	000NONPJ	matrix spike dup, rec	5/25/2022	Conventional	COD	n/a	=	100	%	EPA 410.4	-88	-88	90	110	
2021/22-4	000NONPJ	matrix spike, rec	5/25/2022	Conventional	COD	n/a	=	100	%	EPA 410.4	-88	-88	90	110	
2021/22-4	000NONPJ	matrix spike, RPD	5/25/2022	Conventional	COD	n/a	=	0	%	EPA 410.4	-88	-88	0	15	
2021/22-4	000NONPJ	lab duplicate	5/25/2022	Conventional	COD	n/a	=	11900	mg/L	EPA 410.4	58	100		15	
2021/22-4	000NONPJ	matrix spike	5/25/2022	Conventional	COD	n/a	=	2790	mg/L	EPA 410.4	12	20			
2021/22-4	000NONPJ	matrix spike dup	5/25/2022	Conventional	COD	n/a	=	2790	mg/L	EPA 410.4	12	20			
2021/22-4	000NONPJ	matrix spike dup, rec	5/25/2022	Conventional	COD	n/a	=	103	%	EPA 410.4	-88	-88	90	110	
2021/22-4	000NONPJ	matrix spike, rec	5/25/2022	Conventional	COD	n/a	=	103	%	EPA 410.4	-88	-88	90	110	
2021/22-4	000NONPJ	matrix spike, RPD	5/25/2022	Conventional	COD	n/a	=	0	%	EPA 410.4	-88	-88	0	15	
2021/22-4	000NONPJ	matrix spike	5/25/2022	Conventional	COD	n/a	=	205	mg/L	EPA 410.4	12	20			
2021/22-4	000NONPJ	matrix spike dup	5/25/2022	Conventional	COD	n/a	=	205	mg/L	EPA 410.4	12	20			
2021/22-4	000NONPJ	matrix spike dup, rec	5/25/2022	Conventional	COD	n/a	=	102	%	EPA 410.4	-88	-88	90	110	
2021/22-4	000NONPJ	matrix spike, rec	5/25/2022	Conventional	COD	n/a	=	102	%	EPA 410.4	-88	-88	90	110	
2021/22-4	000NONPJ	matrix spike, RPD	5/25/2022	Conventional	COD	n/a	=	0	%	EPA 410.4	-88	-88	0	15	
2021/22-4	Lab	LCS	5/15/2022	Conventional	COD	n/a	=	996	mg/L	EPA 410.4	2.9	5			
2021/22-4	Lab	LCS, rec	5/15/2022	Conventional	COD	n/a	=	100	%	EPA 410.4	-88	-88	90	110	
2021/22-4	Lab	method blank	5/15/2022	Conventional	COD	n/a	<	2.9	mg/L	EPA 410.4	2.9	5			
2021/22-4	Lab	LCS	5/25/2022	Conventional	COD	n/a	=	1020	mg/L	EPA 410.4	2.9	5			
2021/22-4	Lab	LCS, rec	5/25/2022	Conventional	COD	n/a	=	102	%	EPA 410.4	-88	-88	90	110	
2021/22-4	Lab	method blank	5/25/2022	Conventional	COD	n/a	<	2.9	mg/L	EPA 410.4	2.9	5			
2021/22-4	Lab	LCS	5/25/2022	Conventional	COD	n/a	=	996	mg/L	EPA 410.4	2.9	5			
2021/22-4	Lab	LCS, rec	5/25/2022	Conventional	COD	n/a	=	100	%	EPA 410.4	-88	-88	90	110	
2021/22-4	Lab	method blank	5/25/2022	Conventional	COD	n/a	<	2.9	mg/L	EPA 410.4	2.9	5			
2021/22-4	000NONPJ	matrix spike	5/13/2022	Conventional	Cyanide	Total	=	0.0458	mg/L	ASTM D7511	0.0012	0.002			
2021/22-4	000NONPJ	matrix spike, rec	5/13/2022	Conventional	Cyanide	Total	=	92	%	ASTM D7511	-88	-88	64	136	
2021/22-4	000NONPJ	matrix spike dup	5/13/2022	Conventional	Cyanide	Total	=	0.0466	mg/L	ASTM D7511	0.0012	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	
2021/22-4	000NONPJ	matrix spike dup, rec	5/13/2022	Conventional	Cyanide	Total	=	93	%	ASTM D7511	-88	-88	64	136	
2021/22-4	000NONPJ	matrix spike, RPD	5/13/2022	Conventional	Cyanide	Total	=	2	%	ASTM D7511	-88	-88	0	47	
2021/22-4	000NONPJ	matrix spike	5/13/2022	Conventional	Cyanide	Total	=	0.0467	mg/L	ASTM D7511	0.0012	0.002			
2021/22-4	000NONPJ	matrix spike, rec	5/13/2022	Conventional	Cyanide	Total	=	93	%	ASTM D7511	-88	-88	64	136	
2021/22-4	000NONPJ	matrix spike dup	5/13/2022	Conventional	Cyanide	Total	=	0.0482	mg/L	ASTM D7511	0.0012	0.002			
2021/22-4	000NONPJ	matrix spike dup, rec	5/13/2022	Conventional	Cyanide	Total	=	96	%	ASTM D7511	-88	-88	64	136	
2021/22-4	000NONPJ	matrix spike, RPD	5/13/2022	Conventional	Cyanide	Total	=	3	%	ASTM D7511	-88	-88	0	47	
2021/22-4	000NONPJ	matrix spike	5/25/2022	Conventional	Cyanide	Total	=	0.0421	mg/L	ASTM D7511	0.0012	0.002			
2021/22-4	000NONPJ	matrix spike, rec	5/25/2022	Conventional	Cyanide	Total	=	84	%	ASTM D7511	-88	-88	64	136	
2021/22-4	000NONPJ	matrix spike dup	5/25/2022	Conventional	Cyanide	Total	=	0.0442	mg/L	ASTM D7511	0.0012	0.002			
2021/22-4	000NONPJ	matrix spike dup, rec	5/25/2022	Conventional	Cyanide	Total	=	88	%	ASTM D7511	-88	-88	64	136	
2021/22-4	000NONPJ	matrix spike, RPD	5/25/2022	Conventional	Cyanide	Total	=	5	%	ASTM D7511	-88	-88	0	47	
2021/22-4	Lab	LCS	5/13/2022	Conventional	Cyanide	Total	=	0.0505	mg/L	ASTM D7511	0.0012	0.002			
2021/22-4	Lab	LCS, rec	5/13/2022	Conventional	Cyanide	Total	=	101	%	ASTM D7511	-88	-88	84	116	
2021/22-4	Lab	method blank	5/13/2022	Conventional	Cyanide	Total	<	0.0012	mg/L	ASTM D7511	0.0012	0.002			
2021/22-4	Lab	method blank	5/13/2022	Conventional	Cyanide	Total	<	0.0012	mg/L	ASTM D7511	0.0012	0.002			
2021/22-4	Lab	LCS	5/13/2022	Conventional	Cyanide	Total	=	0.0501	mg/L	ASTM D7511	0.0012	0.002			
2021/22-4	Lab	LCS, rec	5/13/2022	Conventional	Cyanide	Total	=	100	%	ASTM D7511	-88	-88	84	116	
2021/22-4	Lab	LCS	5/25/2022	Conventional	Cyanide	Total	=	0.0515	mg/L	ASTM D7511	0.0012	0.002			
2021/22-4	Lab	LCS, rec	5/25/2022	Conventional	Cyanide	Total	=	103	%	ASTM D7511	-88	-88	84	116	
2021/22-4	Lab	method blank	5/25/2022	Conventional	Cyanide	Total	<	0.0012	mg/L	ASTM D7511	0.0012	0.002			
2021/22-4	000NONPJ	matrix spike	5/4/2022	Conventional	MBAS	n/a	=	0.283	mg/L	SM 5540 C	0.013	0.05			
2021/22-4	000NONPJ	matrix spike, rec	5/4/2022	Conventional	MBAS	n/a	=	110	%	SM 5540 C	-88	-88	74	123	
2021/22-4	000NONPJ	matrix spike dup	5/4/2022	Conventional	MBAS	n/a	=	0.276	mg/L	SM 5540 C	0.013	0.05			
2021/22-4	000NONPJ	matrix spike dup, rec	5/4/2022	Conventional	MBAS	n/a	=	106	%	SM 5540 C	-88	-88	74	123	
2021/22-4	000NONPJ	matrix spike, RPD	5/4/2022	Conventional	MBAS	n/a	=	3	%	SM 5540 C	-88	-88	0	20	
2021/22-4	000NONPJ	matrix spike	5/18/2022	Conventional	MBAS	n/a	=	0.188	mg/L	SM 5540 C	0.013	0.05			
2021/22-4	000NONPJ	matrix spike, rec	5/18/2022	Conventional	MBAS	n/a	=	94	%	SM 5540 C	-88	-88	74	123	
2021/22-4	000NONPJ	matrix spike dup	5/18/2022	Conventional	MBAS	n/a	=	0.184	mg/L	SM 5540 C	0.013	0.05			
2021/22-4	000NONPJ	matrix spike dup, rec	5/18/2022	Conventional	MBAS	n/a	=	92	%	SM 5540 C	-88	-88	74	123	
2021/22-4	000NONPJ	matrix spike, RPD	5/18/2022	Conventional	MBAS	n/a	=	2	%	SM 5540 C	-88	-88	0	20	
2021/22-4	000NONPJ	matrix spike	5/20/2022	Conventional	MBAS	n/a	=	0.215	mg/L	SM 5540 C	0.013	0.05			
2021/22-4	000NONPJ	matrix spike, rec	5/20/2022	Conventional	MBAS	n/a	=	87	%	SM 5540 C	-88	-88	74	123	
2021/22-4	000NONPJ	matrix spike dup	5/20/2022	Conventional	MBAS	n/a	=	0.223	mg/L	SM 5540 C	0.013	0.05			
2021/22-4	000NONPJ	matrix spike dup, rec	5/20/2022	Conventional	MBAS	n/a	=	91	%	SM 5540 C	-88	-88	74	123	
2021/22-4	000NONPJ	matrix spike, RPD	5/20/2022	Conventional	MBAS	n/a	=	4	%	SM 5540 C	-88	-88	0	20	
2021/22-4	Lab	method blank	5/4/2022	Conventional	MBAS	n/a	<	0.013	mg/L	SM 5540 C	0.013	0.05			
2021/22-4	Lab	LCS	5/4/2022	Conventional	MBAS	n/a	=	0.193	mg/L	SM 5540 C	0.013	0.05			
2021/22-4	Lab	LCS, rec	5/4/2022	Conventional	MBAS	n/a	=	97	%	SM 5540 C	-88	-88	82	115	
2021/22-4	Lab	LCS	5/4/2022	Conventional	MBAS	n/a	DNQ	0.0453	mg/L	SM 5540 C	0.013	0.05			
2021/22-4	Lab	LCS, rec	5/4/2022	Conventional	MBAS	n/a	=	91	%	SM 5540 C	-88	-88	82	115	
2021/22-4	Lab	method blank	5/4/2022	Conventional	MBAS	n/a	<	0.013	mg/L	SM 5540 C	0.013	0.05			
2021/22-4	Lab	method blank	5/18/2022	Conventional	MBAS	n/a	<	0.013	mg/L	SM 5540 C	0.013	0.05			
2021/22-4	Lab	LCS	5/18/2022	Conventional	MBAS	n/a	=	0.19	mg/L	SM 5540 C	0.013	0.05			
2021/22-4	Lab	LCS	5/18/2022	Conventional	MBAS	n/a	DNQ	0.0437	mg/L	SM 5540 C	0.013	0.05			
2021/22-4	Lab	LCS, rec	5/18/2022	Conventional	MBAS	n/a	=	87	%	SM 5540 C	-88	-88	82	115	
2021/22-4	Lab	LCS, rec	5/18/2022	Conventional	MBAS	n/a	=	95	%	SM 5540 C	-88	-88	82	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	
2021/22-4	Lab	LCS	5/20/2022	Conventional	MBAS	n/a	=	0.189	mg/L	SM 5540 C	0.013	0.05			
2021/22-4	Lab	LCS, rec	5/20/2022	Conventional	MBAS	n/a	=	95	%	SM 5540 C	-88	-88	82	115	
2021/22-4	Lab	method blank	5/20/2022	Conventional	MBAS	n/a	<	0.013	mg/L	SM 5540 C	0.013	0.05			
2021/22-4	000NONPJ	matrix spike	5/10/2022	Conventional	Phenolics	n/a	=	0.232	mg/L	EPA 420.4	0.0068	0.01			
2021/22-4	000NONPJ	matrix spike, rec	5/10/2022	Conventional	Phenolics	n/a	=	93	%	EPA 420.4	-88	-88	90	110	
2021/22-4	000NONPJ	matrix spike dup	5/10/2022	Conventional	Phenolics	n/a	=	0.234	mg/L	EPA 420.4	0.0068	0.01			
2021/22-4	000NONPJ	matrix spike dup, rec	5/10/2022	Conventional	Phenolics	n/a	=	94	%	EPA 420.4	-88	-88	90	110	
2021/22-4	000NONPJ	matrix spike, RPD	5/10/2022	Conventional	Phenolics	n/a	=	0.9	%	EPA 420.4	-88	-88	0	20	
2021/22-4	000NONPJ	matrix spike	5/25/2022	Conventional	Phenolics	n/a	=	0.238	mg/L	EPA 420.4	0.0068	0.01			
2021/22-4	000NONPJ	matrix spike, rec	5/25/2022	Conventional	Phenolics	n/a	=	95	%	EPA 420.4	-88	-88	90	110	
2021/22-4	000NONPJ	matrix spike dup	5/25/2022	Conventional	Phenolics	n/a	=	0.237	mg/L	EPA 420.4	0.0068	0.01			
2021/22-4	000NONPJ	matrix spike dup, rec	5/25/2022	Conventional	Phenolics	n/a	=	95	%	EPA 420.4	-88	-88	90	110	
2021/22-4	000NONPJ	matrix spike, RPD	5/25/2022	Conventional	Phenolics	n/a	=	0.4	%	EPA 420.4	-88	-88	0	20	
2021/22-4	000NONPJ	matrix spike	5/26/2022	Conventional	Phenolics	n/a	=	0.226	mg/L	EPA 420.4	0.0068	0.01			
2021/22-4	000NONPJ	matrix spike, rec	5/26/2022	Conventional	Phenolics	n/a	=	91	%	EPA 420.4	-88	-88	90	110	
2021/22-4	000NONPJ	matrix spike dup	5/26/2022	Conventional	Phenolics	n/a	=	0.225	mg/L	EPA 420.4	0.0068	0.01			
2021/22-4	000NONPJ	matrix spike dup, rec	5/26/2022	Conventional	Phenolics	n/a	=	90	%	EPA 420.4	-88	-88	90	110	
2021/22-4	000NONPJ	matrix spike, RPD	5/26/2022	Conventional	Phenolics	n/a	=	0.8	%	EPA 420.4	-88	-88	0	20	
2021/22-4	Lab	method blank	5/10/2022	Conventional	Phenolics	n/a	<	0.0068	mg/L	EPA 420.4	0.0068	0.01			
2021/22-4	Lab	LCS	5/10/2022	Conventional	Phenolics	n/a	=	0.095	mg/L	EPA 420.4	0.0068	0.01			
2021/22-4	Lab	LCS, rec	5/10/2022	Conventional	Phenolics	n/a	=	95	%	EPA 420.4	-88	-88	90	110	
2021/22-4	Lab	LCS	5/10/2022	Conventional	Phenolics	n/a	=	0.0126	mg/L	EPA 420.4	0.0068	0.01			
2021/22-4	Lab	LCS, rec	5/10/2022	Conventional	Phenolics	n/a	=	126	%	EPA 420.4	-88	-88	50	150	
2021/22-4	Lab	method blank	5/25/2022	Conventional	Phenolics	n/a	<	0.0068	mg/L	EPA 420.4	0.0068	0.01			
2021/22-4	Lab	LCS	5/25/2022	Conventional	Phenolics	n/a	=	0.0943	mg/L	EPA 420.4	0.0068	0.01			
2021/22-4	Lab	LCS, rec	5/25/2022	Conventional	Phenolics	n/a	=	94	%	EPA 420.4	-88	-88	90	110	
2021/22-4	Lab	method blank	5/26/2022	Conventional	Phenolics	n/a	<	0.0068	mg/L	EPA 420.4	0.0068	0.01			
2021/22-4	Lab	LCS	5/26/2022	Conventional	Phenolics	n/a	=	0.0963	mg/L	EPA 420.4	0.0068	0.01			
2021/22-4	Lab	LCS, rec	5/26/2022	Conventional	Phenolics	n/a	=	96	%	EPA 420.4	-88	-88	90	110	
2021/22-4	000NONPJ	lab duplicate	5/20/2022	Conventional	Specific Conductance	n/a	=	1600	µmhos/cm	SM 2510 B	3.2	6		5	
2021/22-4	Lab	method blank	5/20/2022	Conventional	Specific Conductance	n/a	DNQ	1.15	µmhos/cm	SM 2510 B	1.1	2			IP
2021/22-4	Lab	LCS	5/20/2022	Conventional	Specific Conductance	n/a	=	457	µmhos/cm	SM 2510 B	1.1	2			
2021/22-4	Lab	LCS, rec	5/20/2022	Conventional	Specific Conductance	n/a	=	103	%	SM 2510 B	-88	-88	95	105	
2021/22-4	Lab	method blank	5/24/2022	Conventional	Specific Conductance	n/a	<	1.1	µmhos/cm	SM 2510 B	1.1	2			
2021/22-4	Lab	LCS	5/24/2022	Conventional	Specific Conductance	n/a	=	25400	µmhos/cm	SM 2510 B	1.1	2			
2021/22-4	Lab	LCS, rec	5/24/2022	Conventional	Specific Conductance	n/a	=	102	%	SM 2510 B	-88	-88	95	105	
2021/22-4	Lab	method blank	5/31/2022	Conventional	Specific Conductance	n/a	DNQ	1.1	µmhos/cm	SM 2510 B	1.1	2			IP
2021/22-4	Lab	LCS	5/31/2022	Conventional	Specific Conductance	n/a	=	449	µmhos/cm	SM 2510 B	1.1	2			
2021/22-4	Lab	LCS, rec	5/31/2022	Conventional	Specific Conductance	n/a	=	101	%	SM 2510 B	-88	-88	95	105	
2021/22-4	Lab	method blank	5/31/2022	Conventional	Specific Conductance	n/a	DNQ	1.13	µmhos/cm	SM 2510 B	1.1	2			IP
2021/22-4	Lab	LCS	5/31/2022	Conventional	Specific Conductance	n/a	=	445	µmhos/cm	SM 2510 B	1.1	2			
2021/22-4	Lab	LCS, rec	5/31/2022	Conventional	Specific Conductance	n/a	=	100	%	SM 2510 B	-88	-88	95	105	
2021/22-4	ME-SCR	lab duplicate	5/31/2022	Conventional	Specific Conductance	n/a	=	2230	µmhos/cm	SM 2510 B	3.2	6		5	
2021/22-4	MO-HUE	lab duplicate	5/24/2022	Conventional	Specific Conductance	n/a	=	13900	µmhos/cm	SM 2510 B	1.1	2		5	
2021/22-4	MO-SIM	lab duplicate	5/31/2022	Conventional	Specific Conductance	n/a	=	3530	µmhos/cm	SM 2510 B	4.3	8		5	
2021/22-4	000NONPJ	lab duplicate	5/19/2022	Conventional	Total Chlorine Residual	n/a	DNQ	0.034	mg/L	SM 4500-Cl G	0.031	0.05	0	15	
2021/22-4	000NONPJ	matrix spike	5/19/2022	Conventional	Total Chlorine Residual	n/a	=	0.233	mg/L	SM 4500-Cl G	0.031	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	
2021/22-4	000NONPJ	matrix spike dup	5/19/2022	Conventional	Total Chlorine Residual	n/a	=	0.233	mg/L	SM 4500-Cl G	0.031	0.05			
2021/22-4	000NONPJ	matrix spike dup, rec	5/19/2022	Conventional	Total Chlorine Residual	n/a	=	99	%	SM 4500-Cl G	-88	-88	78	114	
2021/22-4	000NONPJ	matrix spike, rec	5/19/2022	Conventional	Total Chlorine Residual	n/a	=	99	%	SM 4500-Cl G	-88	-88	78	114	
2021/22-4	000NONPJ	matrix spike, RPD	5/19/2022	Conventional	Total Chlorine Residual	n/a	=	0	%	SM 4500-Cl G	-88	-88	0	15	
2021/22-4	Lab	LCS	5/19/2022	Conventional	Total Chlorine Residual	n/a	=	0.201	mg/L	SM 4500-Cl G	0.031	0.05			
2021/22-4	Lab	LCS, rec	5/19/2022	Conventional	Total Chlorine Residual	n/a	=	100	%	SM 4500-Cl G	-88	-88	85	110	
2021/22-4	Lab	method blank	5/19/2022	Conventional	Total Chlorine Residual	n/a	<	0.031	mg/L	SM 4500-Cl G	0.031	0.05			
2021/22-4	000NONPJ	lab duplicate	5/7/2022	Conventional	Total Dissolved Solids	n/a	=	1460	mg/L	SM 2540 C	4	10		10	
2021/22-4	000NONPJ	lab duplicate	5/21/2022	Conventional	Total Dissolved Solids	n/a	=	2180	mg/L	SM 2540 C	4	10		10	
2021/22-4	000NONPJ	lab duplicate	5/21/2022	Conventional	Total Dissolved Solids	n/a	=	82400	mg/L	SM 2540 C	4	10		10	
2021/22-4	000NONPJ	lab duplicate	5/21/2022	Conventional	Total Dissolved Solids	n/a	=	48600	mg/L	SM 2540 C	4	10		10	
2021/22-4	000NONPJ	lab duplicate	5/23/2022	Conventional	Total Dissolved Solids	n/a	=	629	mg/L	SM 2540 C	4	10		10	
2021/22-4	000NONPJ	lab duplicate	5/25/2022	Conventional	Total Dissolved Solids	n/a	=	1090	mg/L	SM 2540 C	4	10		10	
2021/22-4	Lab	LCS	5/7/2022	Conventional	Total Dissolved Solids	n/a	=	816	mg/L	SM 2540 C	4	10			
2021/22-4	Lab	LCS, rec	5/7/2022	Conventional	Total Dissolved Solids	n/a	=	99	%	SM 2540 C	-88	-88	96	102	
2021/22-4	Lab	method blank	5/7/2022	Conventional	Total Dissolved Solids	n/a	<	4	mg/L	SM 2540 C	4	10			
2021/22-4	Lab	LCS	5/21/2022	Conventional	Total Dissolved Solids	n/a	=	832	mg/L	SM 2540 C	4	10			
2021/22-4	Lab	LCS, rec	5/21/2022	Conventional	Total Dissolved Solids	n/a	=	101	%	SM 2540 C	-88	-88	96	102	
2021/22-4	Lab	method blank	5/21/2022	Conventional	Total Dissolved Solids	n/a	<	4	mg/L	SM 2540 C	4	10			
2021/22-4	Lab	LCS	5/21/2022	Conventional	Total Dissolved Solids	n/a	=	833	mg/L	SM 2540 C	4	10			
2021/22-4	Lab	LCS, rec	5/21/2022	Conventional	Total Dissolved Solids	n/a	=	101	%	SM 2540 C	-88	-88	96	102	
2021/22-4	Lab	method blank	5/21/2022	Conventional	Total Dissolved Solids	n/a	<	4	mg/L	SM 2540 C	4	10			
2021/22-4	Lab	LCS	5/23/2022	Conventional	Total Dissolved Solids	n/a	=	820	mg/L	SM 2540 C	4	10			
2021/22-4	Lab	LCS, rec	5/23/2022	Conventional	Total Dissolved Solids	n/a	=	100	%	SM 2540 C	-88	-88	96	102	
2021/22-4	Lab	method blank	5/23/2022	Conventional	Total Dissolved Solids	n/a	<	4	mg/L	SM 2540 C	4	10			
2021/22-4	Lab	LCS	5/25/2022	Conventional	Total Dissolved Solids	n/a	=	796	mg/L	SM 2540 C	4	10			
2021/22-4	Lab	LCS, rec	5/25/2022	Conventional	Total Dissolved Solids	n/a	=	97	%	SM 2540 C	-88	-88	96	102	
2021/22-4	Lab	method blank	5/25/2022	Conventional	Total Dissolved Solids	n/a	<	4	mg/L	SM 2540 C	4	10			
2021/22-4	ME-CC	lab duplicate	5/25/2022	Conventional	Total Dissolved Solids	n/a	=	1100	mg/L	SM 2540 C	4	10		10	
2021/22-4	MO-FIL	lab duplicate	5/21/2022	Conventional	Total Dissolved Solids	n/a	=	1060	mg/L	SM 2540 C	4	10		10	
2021/22-4	MO-HUE	lab duplicate	5/7/2022	Conventional	Total Dissolved Solids	n/a	=	10000	mg/L	SM 2540 C	4	10		10	
2021/22-4	MO-SIM	lab duplicate	5/23/2022	Conventional	Total Dissolved Solids	n/a	=	2460	mg/L	SM 2540 C	4	10		10	
2021/22-4	000NONPJ	matrix spike	5/12/2022	Conventional	Total Organic Carbon	n/a	=	6.58	mg/L	SM 5310 B	0.19	0.3			
2021/22-4	000NONPJ	matrix spike, rec	5/12/2022	Conventional	Total Organic Carbon	n/a	=	98	%	SM 5310 B	-88	-88	76	115	
2021/22-4	000NONPJ	matrix spike dup	5/12/2022	Conventional	Total Organic Carbon	n/a	=	6.49	mg/L	SM 5310 B	0.19	0.3			
2021/22-4	000NONPJ	matrix spike dup, rec	5/12/2022	Conventional	Total Organic Carbon	n/a	=	96	%	SM 5310 B	-88	-88	76	115	
2021/22-4	000NONPJ	matrix spike, RPD	5/12/2022	Conventional	Total Organic Carbon	n/a	=	1	%	SM 5310 B	-88	-88	0	20	
2021/22-4	000NONPJ	matrix spike	5/25/2022	Conventional	Total Organic Carbon	n/a	=	5.24	mg/L	SM 5310 B	0.19	0.3			
2021/22-4	000NONPJ	matrix spike, rec	5/25/2022	Conventional	Total Organic Carbon	n/a	=	99	%	SM 5310 B	-88	-88	76	115	
2021/22-4	000NONPJ	matrix spike dup	5/25/2022	Conventional	Total Organic Carbon	n/a	=	5.18	mg/L	SM 5310 B	0.19	0.3			
2021/22-4	000NONPJ	matrix spike dup, rec	5/25/2022	Conventional	Total Organic Carbon	n/a	=	98	%	SM 5310 B	-88	-88	76	115	
2021/22-4	000NONPJ	matrix spike, RPD	5/25/2022	Conventional	Total Organic Carbon	n/a	=	1	%	SM 5310 B	-88	-88	0	20	
2021/22-4	000NONPJ	matrix spike	5/26/2022	Conventional	Total Organic Carbon	n/a	=	8.7	mg/L	SM 5310 B	0.19	0.3			
2021/22-4	000NONPJ	matrix spike, rec	5/26/2022	Conventional	Total Organic Carbon	n/a	=	100	%	SM 5310 B	-88	-88	76	115	
2021/22-4	000NONPJ	matrix spike dup	5/26/2022	Conventional	Total Organic Carbon	n/a	=	8.6	mg/L	SM 5310 B	0.19	0.3			
2021/22-4	000NONPJ	matrix spike dup, rec	5/26/2022	Conventional	Total Organic Carbon	n/a	=	98	%	SM 5310 B	-88	-88	76	115	
2021/22-4	000NONPJ	matrix spike, RPD	5/26/2022	Conventional	Total Organic Carbon	n/a	=	1	%	SM 5310 B	-88	-88	0	20	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2021/22-4	Lab	method blank	5/12/2022	Conventional	Total Organic Carbon	n/a	<	0.19	mg/L	SM 5310 B	0.19	0.3			
2021/22-4	Lab	LCS	5/12/2022	Conventional	Total Organic Carbon	n/a	=	0.99	mg/L	SM 5310 B	0.19	0.3			
2021/22-4	Lab	LCS, rec	5/12/2022	Conventional	Total Organic Carbon	n/a	=	99	%	SM 5310 B	-88	-88	85	115	
2021/22-4	Lab	method blank	5/25/2022	Conventional	Total Organic Carbon	n/a	<	0.19	mg/L	SM 5310 B	0.19	0.3			
2021/22-4	Lab	LCS	5/25/2022	Conventional	Total Organic Carbon	n/a	=	0.919	mg/L	SM 5310 B	0.19	0.3			
2021/22-4	Lab	LCS, rec	5/25/2022	Conventional	Total Organic Carbon	n/a	=	92	%	SM 5310 B	-88	-88	85	115	
2021/22-4	Lab	method blank	5/25/2022	Conventional	Total Organic Carbon	n/a	<	0.19	mg/L	SM 5310 B	0.19	0.3			
2021/22-4	Lab	LCS	5/26/2022	Conventional	Total Organic Carbon	n/a	=	0.966	mg/L	SM 5310 B	0.19	0.3			
2021/22-4	Lab	LCS, rec	5/26/2022	Conventional	Total Organic Carbon	n/a	=	97	%	SM 5310 B	-88	-88	85	115	
2021/22-4	000NONPJ	lab duplicate	5/9/2022	Conventional	Total Suspended Solids	n/a	=	26	mg/L	SM 2540 D	-88	5		20	
2021/22-4	000NONPJ	lab duplicate	5/9/2022	Conventional	Total Suspended Solids	n/a	=	73.3	mg/L	SM 2540 D	-88	5		20	
2021/22-4	000NONPJ	lab duplicate	5/23/2022	Conventional	Total Suspended Solids	n/a	=	437	mg/L	SM 2540 D	-88	1		20	
2021/22-4	000NONPJ	lab duplicate	5/24/2022	Conventional	Total Suspended Solids	n/a	=	231	mg/L	SM 2540 D	-88	5		20	
2021/22-4	000NONPJ	lab duplicate	5/25/2022	Conventional	Total Suspended Solids	n/a	=	8920	mg/L	SM 2540 D	-88	5		20	
2021/22-4	Lab	LCS	5/9/2022	Conventional	Total Suspended Solids	n/a	=	56.7	mg/L	SM 2540 D	-88	5			
2021/22-4	Lab	LCS, rec	5/9/2022	Conventional	Total Suspended Solids	n/a	=	94	%	SM 2540 D	-88	-88	90	110	
2021/22-4	Lab	method blank	5/9/2022	Conventional	Total Suspended Solids	n/a	<	5	mg/L	SM 2540 D	-88	5			
2021/22-4	Lab	LCS	5/23/2022	Conventional	Total Suspended Solids	n/a	=	50.9	mg/L	SM 2540 D	-88	1			
2021/22-4	Lab	LCS, rec	5/23/2022	Conventional	Total Suspended Solids	n/a	=	96	%	SM 2540 D	-88	-88	90	110	
2021/22-4	Lab	method blank	5/23/2022	Conventional	Total Suspended Solids	n/a	<	1	mg/L	SM 2540 D	-88	1			
2021/22-4	Lab	LCS	5/24/2022	Conventional	Total Suspended Solids	n/a	=	55.1	mg/L	SM 2540 D	-88	5			
2021/22-4	Lab	LCS, rec	5/24/2022	Conventional	Total Suspended Solids	n/a	=	101	%	SM 2540 D	-88	-88	90	110	
2021/22-4	Lab	method blank	5/24/2022	Conventional	Total Suspended Solids	n/a	<	5	mg/L	SM 2540 D	-88	5			
2021/22-4	Lab	LCS	5/25/2022	Conventional	Total Suspended Solids	n/a	=	54.3	mg/L	SM 2540 D	-88	5			
2021/22-4	Lab	LCS, rec	5/25/2022	Conventional	Total Suspended Solids	n/a	=	106	%	SM 2540 D	-88	-88	90	110	
2021/22-4	Lab	method blank	5/25/2022	Conventional	Total Suspended Solids	n/a	<	5	mg/L	SM 2540 D	-88	5			
2021/22-4	ME-CC	lab duplicate	5/25/2022	Conventional	Total Suspended Solids	n/a	=	10.8	mg/L	SM 2540 D	-88	5		20	
2021/22-4	MO-FIL	lab duplicate	5/23/2022	Conventional	Total Suspended Solids	n/a	=	6.9	mg/L	SM 2540 D	-88	1		20	
2021/22-4	MO-THO	lab duplicate	5/24/2022	Conventional	Total Suspended Solids	n/a	DNQ	3.7	mg/L	SM 2540 D	-88	5		20	
2021/22-4	Lab	method blank	5/4/2022	Conventional	Turbidity	n/a	DNQ	0.02	NTU	EPA 180.1	0.017	0.1			IP
2021/22-4	Lab	LCS	5/4/2022	Conventional	Turbidity	n/a	=	1.93	NTU	EPA 180.1	0.017	0.1			
2021/22-4	Lab	LCS	5/4/2022	Conventional	Turbidity	n/a	=	9.96	NTU	EPA 180.1	0.017	0.1			
2021/22-4	Lab	LCS, rec	5/4/2022	Conventional	Turbidity	n/a	=	100	%	EPA 180.1	-88	-88	90	110	
2021/22-4	Lab	LCS, rec	5/4/2022	Conventional	Turbidity	n/a	=	96	%	EPA 180.1	-88	-88	90	110	
2021/22-4	Lab	LCS	5/18/2022	Conventional	Turbidity	n/a	=	2	NTU	EPA 180.1	0.017	0.1			
2021/22-4	Lab	LCS	5/18/2022	Conventional	Turbidity	n/a	=	10.1	NTU	EPA 180.1	0.017	0.1			
2021/22-4	Lab	LCS, rec	5/18/2022	Conventional	Turbidity	n/a	=	100	%	EPA 180.1	-88	-88	90	110	
2021/22-4	Lab	LCS, rec	5/18/2022	Conventional	Turbidity	n/a	=	101	%	EPA 180.1	-88	-88	90	110	
2021/22-4	Lab	method blank	5/18/2022	Conventional	Turbidity	n/a	DNQ	0.02	NTU	EPA 180.1	0.017	0.1			IP
2021/22-4	Lab	method blank	5/20/2022	Conventional	Turbidity	n/a	DNQ	0.02	NTU	EPA 180.1	0.017	0.1			IP
2021/22-4	Lab	LCS	5/20/2022	Conventional	Turbidity	n/a	=	2.03	NTU	EPA 180.1	0.017	0.1			
2021/22-4	Lab	LCS	5/20/2022	Conventional	Turbidity	n/a	=	10.1	NTU	EPA 180.1	0.017	0.1			
2021/22-4	Lab	LCS, rec	5/20/2022	Conventional	Turbidity	n/a	=	102	%	EPA 180.1	-88	-88	90	110	
2021/22-4	Lab	LCS, rec	5/20/2022	Conventional	Turbidity	n/a	=	101	%	EPA 180.1	-88	-88	90	110	
2021/22-4	ME-CC	lab duplicate	5/20/2022	Conventional	Turbidity	n/a	=	4.3	NTU	EPA 180.1	0.017	0.1		10	
2021/22-4	ME-SCR	lab duplicate	5/18/2022	Conventional	Turbidity	n/a	=	1.1	NTU	EPA 180.1	0.017	0.1		10	
2021/22-4	MO-HUE	lab duplicate	5/4/2022	Conventional	Turbidity	n/a	=	3.7	NTU	EPA 180.1	0.017	0.1		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	
2021/22-4	000NONPJ	lab duplicate	5/10/2022	Conventional	Volatile Suspended Solids	n/a	=	22	mg/L	EPA 160.4	3.1	5		15	
2021/22-4	Lab	LCS	5/10/2022	Conventional	Volatile Suspended Solids	n/a	=	40	mg/L	EPA 160.4	3.1	5			
2021/22-4	Lab	LCS, rec	5/10/2022	Conventional	Volatile Suspended Solids	n/a	=	94	%	EPA 160.4	-88	-88	90	110	
2021/22-4	Lab	method blank	5/10/2022	Conventional	Volatile Suspended Solids	n/a	<	3.1	mg/L	EPA 160.4	3.1	5			
2021/22-4	Lab	LCS	5/23/2022	Conventional	Volatile Suspended Solids	n/a	=	36	mg/L	EPA 160.4	3.1	5			
2021/22-4	Lab	LCS, rec	5/23/2022	Conventional	Volatile Suspended Solids	n/a	=	95	%	EPA 160.4	-88	-88	90	110	
2021/22-4	Lab	method blank	5/23/2022	Conventional	Volatile Suspended Solids	n/a	<	3.1	mg/L	EPA 160.4	3.1	5			
2021/22-4	Lab	LCS	5/25/2022	Conventional	Volatile Suspended Solids	n/a	=	39	mg/L	EPA 160.4	3.1	5			
2021/22-4	Lab	LCS, rec	5/25/2022	Conventional	Volatile Suspended Solids	n/a	=	101	%	EPA 160.4	-88	-88	90	110	
2021/22-4	Lab	method blank	5/25/2022	Conventional	Volatile Suspended Solids	n/a	<	3.1	mg/L	EPA 160.4	3.1	5			
2021/22-4	Lab	LCS	5/25/2022	Conventional	Volatile Suspended Solids	n/a	=	40	mg/L	EPA 160.4	3.1	5			
2021/22-4	Lab	LCS, rec	5/25/2022	Conventional	Volatile Suspended Solids	n/a	=	110	%	EPA 160.4	-88	-88	90	110	
2021/22-4	Lab	method blank	5/25/2022	Conventional	Volatile Suspended Solids	n/a	<	3.1	mg/L	EPA 160.4	3.1	5			
2021/22-4	ME-CC	lab duplicate	5/25/2022	Conventional	Volatile Suspended Solids	n/a	<	3.1	mg/L	EPA 160.4	3.1	5		15	
2021/22-4	MO-FIL	lab duplicate	5/23/2022	Conventional	Volatile Suspended Solids	n/a	<	3.1	mg/L	EPA 160.4	3.1	5		15	
2021/22-4	MO-THO	lab duplicate	5/25/2022	Conventional	Volatile Suspended Solids	n/a	<	3.1	mg/L	EPA 160.4	3.1	5		15	
2021/22-4	Lab	method blank	5/16/2022	Hydrocarbon	Diesel Range Organics	n/a	<	0.072	mg/L	EPA 8015B	0.072	0.1			
2021/22-4	Lab	LCS	5/16/2022	Hydrocarbon	Diesel Range Organics	n/a	=	0.479	mg/L	EPA 8015B	0.072	0.1			
2021/22-4	Lab	LCS, rec	5/16/2022	Hydrocarbon	Diesel Range Organics	n/a	=	96	%	EPA 8015B	-88	-88	70	130	
2021/22-4	Lab	LCS dup	5/16/2022	Hydrocarbon	Diesel Range Organics	n/a	=	0.504	mg/L	EPA 8015B	0.072	0.1			
2021/22-4	Lab	LCS dup, rec	5/16/2022	Hydrocarbon	Diesel Range Organics	n/a	=	101	%	EPA 8015B	-88	-88	70	130	
2021/22-4	Lab	LCS, RPD	5/16/2022	Hydrocarbon	Diesel Range Organics	n/a	=	5	%	EPA 8015B	-88	-88	0	25	
2021/22-4	Lab	LCS	6/14/2022	Hydrocarbon	Diesel Range Organics	n/a	=	0.402	mg/L	EPA 8015B	0.072	0.1			
2021/22-4	Lab	LCS, rec	6/14/2022	Hydrocarbon	Diesel Range Organics	n/a	=	80	%	EPA 8015B	-88	-88	70	130	
2021/22-4	Lab	method blank	6/14/2022	Hydrocarbon	Diesel Range Organics	n/a	<	0.072	mg/L	EPA 8015B	0.072	0.1			
2021/22-4	Lab	LCS dup	6/14/2022	Hydrocarbon	Diesel Range Organics	n/a	=	0.505	mg/L	EPA 8015B	0.072	0.1			
2021/22-4	Lab	LCS dup, rec	6/14/2022	Hydrocarbon	Diesel Range Organics	n/a	=	101	%	EPA 8015B	-88	-88	70	130	
2021/22-4	Lab	LCS, RPD	6/14/2022	Hydrocarbon	Diesel Range Organics	n/a	=	23	%	EPA 8015B	-88	-88	0	25	
2021/22-4	Lab	method blank	6/16/2022	Hydrocarbon	Diesel Range Organics	n/a	<	0.072	mg/L	EPA 8015B	0.072	0.1			
2021/22-4	Lab	LCS	6/16/2022	Hydrocarbon	Diesel Range Organics	n/a	=	0.49	mg/L	EPA 8015B	0.072	0.1			
2021/22-4	Lab	LCS, rec	6/16/2022	Hydrocarbon	Diesel Range Organics	n/a	=	98	%	EPA 8015B	-88	-88	70	130	
2021/22-4	Lab	LCS dup	6/16/2022	Hydrocarbon	Diesel Range Organics	n/a	=	0.355	mg/L	EPA 8015B	0.072	0.1			IL
2021/22-4	Lab	LCS dup, rec	6/16/2022	Hydrocarbon	Diesel Range Organics	n/a	=	71	%	EPA 8015B	-88	-88	70	130	IL
2021/22-4	Lab	LCS, RPD	6/16/2022	Hydrocarbon	Diesel Range Organics	n/a	=	32	%	EPA 8015B	-88	-88	0	25	IL
2021/22-4	Lab	LCS	5/10/2022	Hydrocarbon	Gasoline Range Organics	n/a	=	0.945	mg/L	EPA 8260B	0.065	0.1			
2021/22-4	Lab	LCS, rec	5/10/2022	Hydrocarbon	Gasoline Range Organics	n/a	=	94	%	EPA 8260B	-88	-88	53	136	
2021/22-4	Lab	LCS dup	5/10/2022	Hydrocarbon	Gasoline Range Organics	n/a	=	0.926	mg/L	EPA 8260B	0.065	0.1			
2021/22-4	Lab	LCS dup, rec	5/10/2022	Hydrocarbon	Gasoline Range Organics	n/a	=	93	%	EPA 8260B	-88	-88	53	136	
2021/22-4	Lab	LCS, RPD	5/10/2022	Hydrocarbon	Gasoline Range Organics	n/a	=	2	%	EPA 8260B	-88	-88	0	25	
2021/22-4	Lab	method blank	5/10/2022	Hydrocarbon	Gasoline Range Organics	n/a	<	0.065	mg/L	EPA 8260B	0.065	0.1			
2021/22-4	Lab	LCS	5/24/2022	Hydrocarbon	Gasoline Range Organics	n/a	=	1.04	mg/L	EPA 8260B	0.065	0.1			
2021/22-4	Lab	LCS, rec	5/24/2022	Hydrocarbon	Gasoline Range Organics	n/a	=	104	%	EPA 8260B	-88	-88	53	136	
2021/22-4	Lab	LCS dup	5/24/2022	Hydrocarbon	Gasoline Range Organics	n/a	=	0.925	mg/L	EPA 8260B	0.065	0.1			
2021/22-4	Lab	LCS dup, rec	5/24/2022	Hydrocarbon	Gasoline Range Organics	n/a	=	92	%	EPA 8260B	-88	-88	53	136	
2021/22-4	Lab	LCS, RPD	5/24/2022	Hydrocarbon	Gasoline Range Organics	n/a	=	12	%	EPA 8260B	-88	-88	0	25	
2021/22-4	Lab	method blank	5/24/2022	Hydrocarbon	Gasoline Range Organics	n/a	<	0.065	mg/L	EPA 8260B	0.065	0.1			
2021/22-4	Lab	srgt method blank	5/16/2022	Hydrocarbon	n-Tetracosane	n/a	=	0.28	mg/L	EPA 8015B	-88	-88			

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2021/22-4	Lab	srgt method blank, rec	5/16/2022	Hydrocarbon	n-Tetracosane	n/a	=	112	%	EPA 8015B	-88	-88	64	155	
2021/22-4	Lab	srgt LCS	5/16/2022	Hydrocarbon	n-Tetracosane	n/a	=	0.27	mg/L	EPA 8015B	-88	-88			
2021/22-4	Lab	srgt LCS, rec	5/16/2022	Hydrocarbon	n-Tetracosane	n/a	=	108	%	EPA 8015B	-88	-88	64	155	
2021/22-4	Lab	srgt LCS dup	5/16/2022	Hydrocarbon	n-Tetracosane	n/a	=	0.311	mg/L	EPA 8015B	-88	-88			
2021/22-4	Lab	srgt LCS dup, rec	5/16/2022	Hydrocarbon	n-Tetracosane	n/a	=	124	%	EPA 8015B	-88	-88	64	155	
2021/22-4	Lab	srgt LCS	6/14/2022	Hydrocarbon	n-Tetracosane	n/a	=	0.217	mg/L	EPA 8015B	-88	-88			
2021/22-4	Lab	srgt LCS, rec	6/14/2022	Hydrocarbon	n-Tetracosane	n/a	=	87	%	EPA 8015B	-88	-88	64	155	
2021/22-4	Lab	srgt method blank	6/14/2022	Hydrocarbon	n-Tetracosane	n/a	=	0.198	mg/L	EPA 8015B	-88	-88			
2021/22-4	Lab	srgt method blank, rec	6/14/2022	Hydrocarbon	n-Tetracosane	n/a	=	79	%	EPA 8015B	-88	-88	64	155	
2021/22-4	Lab	srgt LCS dup	6/14/2022	Hydrocarbon	n-Tetracosane	n/a	=	0.251	mg/L	EPA 8015B	-88	-88			
2021/22-4	Lab	srgt LCS dup, rec	6/14/2022	Hydrocarbon	n-Tetracosane	n/a	=	100	%	EPA 8015B	-88	-88	64	155	
2021/22-4	Lab	srgt method blank	6/16/2022	Hydrocarbon	n-Tetracosane	n/a	=	0.275	mg/L	EPA 8015B	-88	-88			
2021/22-4	Lab	srgt method blank, rec	6/16/2022	Hydrocarbon	n-Tetracosane	n/a	=	110	%	EPA 8015B	-88	-88	64	155	
2021/22-4	Lab	srgt LCS	6/16/2022	Hydrocarbon	n-Tetracosane	n/a	=	0.259	mg/L	EPA 8015B	-88	-88			
2021/22-4	Lab	srgt LCS, rec	6/16/2022	Hydrocarbon	n-Tetracosane	n/a	=	103	%	EPA 8015B	-88	-88	64	155	
2021/22-4	Lab	srgt LCS dup	6/16/2022	Hydrocarbon	n-Tetracosane	n/a	=	0.188	mg/L	EPA 8015B	-88	-88			
2021/22-4	Lab	srgt LCS dup, rec	6/16/2022	Hydrocarbon	n-Tetracosane	n/a	=	75	%	EPA 8015B	-88	-88	64	155	
2021/22-4	ME-CC	srgt environ	6/14/2022	Hydrocarbon	n-Tetracosane	n/a	=	0.276	mg/L	EPA 8015B	-88	-88			
2021/22-4	ME-CC	srgt environ, rec	6/14/2022	Hydrocarbon	n-Tetracosane	n/a	=	110	%	EPA 8015B	-88	-88	64	155	
2021/22-4	ME-SCR	srgt environ	6/16/2022	Hydrocarbon	n-Tetracosane	n/a	=	0.252	mg/L	EPA 8015B	-88	-88			
2021/22-4	ME-SCR	srgt environ, rec	6/16/2022	Hydrocarbon	n-Tetracosane	n/a	=	101	%	EPA 8015B	-88	-88	64	155	
2021/22-4	ME-VR2	srgt environ	5/16/2022	Hydrocarbon	n-Tetracosane	n/a	=	0.26	mg/L	EPA 8015B	-88	-88			
2021/22-4	ME-VR2	srgt environ, rec	5/16/2022	Hydrocarbon	n-Tetracosane	n/a	=	104	%	EPA 8015B	-88	-88	64	155	
2021/22-4	MO-CAM	srgt environ	6/14/2022	Hydrocarbon	n-Tetracosane	n/a	=	0.242	mg/L	EPA 8015B	-88	-88			
2021/22-4	MO-CAM	srgt environ, rec	6/14/2022	Hydrocarbon	n-Tetracosane	n/a	=	97	%	EPA 8015B	-88	-88	64	155	
2021/22-4	MO-FIL	srgt environ	6/17/2022	Hydrocarbon	n-Tetracosane	n/a	=	0.239	mg/L	EPA 8015B	-88	-88			
2021/22-4	MO-FIL	srgt environ, rec	6/17/2022	Hydrocarbon	n-Tetracosane	n/a	=	96	%	EPA 8015B	-88	-88	64	155	
2021/22-4	MO-HUE	srgt environ	5/16/2022	Hydrocarbon	n-Tetracosane	n/a	=	0.229	mg/L	EPA 8015B	-88	-88			
2021/22-4	MO-HUE	srgt environ, rec	5/16/2022	Hydrocarbon	n-Tetracosane	n/a	=	92	%	EPA 8015B	-88	-88	64	155	
2021/22-4	MO-OJA	srgt environ	5/16/2022	Hydrocarbon	n-Tetracosane	n/a	=	0.224	mg/L	EPA 8015B	-88	-88			
2021/22-4	MO-OJA	srgt environ, rec	5/16/2022	Hydrocarbon	n-Tetracosane	n/a	=	90	%	EPA 8015B	-88	-88	64	155	
2021/22-4	MO-SIM	srgt environ	6/14/2022	Hydrocarbon	n-Tetracosane	n/a	=	0.365	mg/L	EPA 8015B	-88	-88			
2021/22-4	MO-SIM	srgt environ, rec	6/14/2022	Hydrocarbon	n-Tetracosane	n/a	=	73	%	EPA 8015B	-88	-88	64	155	
2021/22-4	MO-THO	srgt environ	6/14/2022	Hydrocarbon	n-Tetracosane	n/a	=	0.253	mg/L	EPA 8015B	-88	-88			
2021/22-4	MO-THO	srgt environ, rec	6/14/2022	Hydrocarbon	n-Tetracosane	n/a	=	101	%	EPA 8015B	-88	-88	64	155	
2021/22-4	Lab	LCS	5/4/2022	Hydrocarbon	Oil and Grease	n/a	=	16.4	mg/L	EPA 1664B	0.6	4			
2021/22-4	Lab	LCS	5/4/2022	Hydrocarbon	Oil and Grease	n/a	DNQ	3.6	mg/L	EPA 1664B	0.6	4			
2021/22-4	Lab	LCS dup	5/4/2022	Hydrocarbon	Oil and Grease	n/a	=	15.7	mg/L	EPA 1664B	0.6	4			
2021/22-4	Lab	LCS dup, rec	5/4/2022	Hydrocarbon	Oil and Grease	n/a	=	93	%	EPA 1664B	-88	-88	78	114	
2021/22-4	Lab	LCS, rec	5/4/2022	Hydrocarbon	Oil and Grease	n/a	=	97	%	EPA 1664B	-88	-88	78	114	
2021/22-4	Lab	LCS, rec	5/4/2022	Hydrocarbon	Oil and Grease	n/a	=	90	%	EPA 1664B	-88	-88	78	114	
2021/22-4	Lab	LCS, RPD	5/4/2022	Hydrocarbon	Oil and Grease	n/a	=	4	%	EPA 1664B	-88	-88	0	18	
2021/22-4	Lab	method blank	5/4/2022	Hydrocarbon	Oil and Grease	n/a	<	0.6	mg/L	EPA 1664B	0.6	4			
2021/22-4	Lab	LCS	5/26/2022	Hydrocarbon	Oil and Grease	n/a	DNQ	3.5	mg/L	EPA 1664B	0.6	4			
2021/22-4	Lab	LCS	5/26/2022	Hydrocarbon	Oil and Grease	n/a	=	16.3	mg/L	EPA 1664B	0.6	4			
2021/22-4	Lab	LCS dup	5/26/2022	Hydrocarbon	Oil and Grease	n/a	=	15.9	mg/L	EPA 1664B	0.6	4			
2021/22-4	Lab	LCS dup, rec	5/26/2022	Hydrocarbon	Oil and Grease	n/a	=	94	%	EPA 1664B	-88	-88	78	114	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2021/22-4	Lab	LCS, rec	5/26/2022	Hydrocarbon	Oil and Grease	n/a	=	97	%	EPA 1664B	-88	-88	78	114	
2021/22-4	Lab	LCS, rec	5/26/2022	Hydrocarbon	Oil and Grease	n/a	=	88	%	EPA 1664B	-88	-88	78	114	
2021/22-4	Lab	LCS, RPD	5/26/2022	Hydrocarbon	Oil and Grease	n/a	=	2	%	EPA 1664B	-88	-88	0	18	
2021/22-4	Lab	method blank	5/26/2022	Hydrocarbon	Oil and Grease	n/a	<	0.6	mg/L	EPA 1664B	0.6	4			
2021/22-4	Lab	LCS	6/1/2022	Hydrocarbon	Oil and Grease	n/a	DNQ	3.5	mg/L	EPA 1664B	0.6	4			
2021/22-4	Lab	LCS	6/1/2022	Hydrocarbon	Oil and Grease	n/a	=	16.5	mg/L	EPA 1664B	0.6	4			
2021/22-4	Lab	LCS dup	6/1/2022	Hydrocarbon	Oil and Grease	n/a	=	16	mg/L	EPA 1664B	0.6	4			
2021/22-4	Lab	LCS dup, rec	6/1/2022	Hydrocarbon	Oil and Grease	n/a	=	95	%	EPA 1664B	-88	-88	78	114	
2021/22-4	Lab	LCS, rec	6/1/2022	Hydrocarbon	Oil and Grease	n/a	=	98	%	EPA 1664B	-88	-88	78	114	
2021/22-4	Lab	LCS, rec	6/1/2022	Hydrocarbon	Oil and Grease	n/a	=	88	%	EPA 1664B	-88	-88	78	114	
2021/22-4	Lab	LCS, RPD	6/1/2022	Hydrocarbon	Oil and Grease	n/a	=	3	%	EPA 1664B	-88	-88	0	18	
2021/22-4	Lab	method blank	6/1/2022	Hydrocarbon	Oil and Grease	n/a	<	0.6	mg/L	EPA 1664B	0.6	4			
2021/22-4	Lab	method blank	5/16/2022	Hydrocarbon	Oil Range Organics	n/a	<	0.33	mg/L	EPA 8015B	0.33	0.5			
2021/22-4	Lab	method blank	6/14/2022	Hydrocarbon	Oil Range Organics	n/a	<	0.33	mg/L	EPA 8015B	0.33	0.5			
2021/22-4	Lab	method blank	6/16/2022	Hydrocarbon	Oil Range Organics	n/a	<	0.33	mg/L	EPA 8015B	0.33	0.5			
2021/22-4	Lab	method blank	5/17/2022	Metal	Aluminum	Dissolved	<	4.4	µg/L	EPA 200.8	4.4	20			
2021/22-4	Lab	LCS	5/17/2022	Metal	Aluminum	Dissolved	=	50.6	µg/L	EPA 200.8	4.4	20			
2021/22-4	Lab	LCS, rec	5/17/2022	Metal	Aluminum	Dissolved	=	101	%	EPA 200.8	-88	-88	85	115	
2021/22-4	Lab	method blank	5/27/2022	Metal	Aluminum	Dissolved	<	4.4	µg/L	EPA 200.8	4.4	20			
2021/22-4	Lab	LCS	5/27/2022	Metal	Aluminum	Dissolved	=	49.9	µg/L	EPA 200.8	4.4	20			
2021/22-4	Lab	LCS, rec	5/27/2022	Metal	Aluminum	Dissolved	=	100	%	EPA 200.8	-88	-88	85	115	
2021/22-4	Lab	method blank	5/31/2022	Metal	Aluminum	Dissolved	<	4.4	µg/L	EPA 200.8	4.4	20			
2021/22-4	Lab	LCS	5/31/2022	Metal	Aluminum	Dissolved	=	49.2	µg/L	EPA 200.8	4.4	20			
2021/22-4	Lab	LCS, rec	5/31/2022	Metal	Aluminum	Dissolved	=	99	%	EPA 200.8	-88	-88	85	115	
2021/22-4	Lab	method blank	5/17/2022	Metal	Aluminum	Total	<	4.4	µg/L	EPA 200.8	4.4	20			
2021/22-4	Lab	LCS	5/17/2022	Metal	Aluminum	Total	=	50.6	µg/L	EPA 200.8	4.4	20			
2021/22-4	Lab	LCS, rec	5/17/2022	Metal	Aluminum	Total	=	101	%	EPA 200.8	-88	-88	85	115	
2021/22-4	Lab	method blank	5/27/2022	Metal	Aluminum	Total	<	4.4	µg/L	EPA 200.8	4.4	20			
2021/22-4	Lab	LCS	5/27/2022	Metal	Aluminum	Total	=	49.9	µg/L	EPA 200.8	4.4	20			
2021/22-4	Lab	LCS, rec	5/27/2022	Metal	Aluminum	Total	=	100	%	EPA 200.8	-88	-88	85	115	
2021/22-4	Lab	method blank	5/31/2022	Metal	Aluminum	Total	<	4.4	µg/L	EPA 200.8	4.4	20			
2021/22-4	Lab	LCS	5/31/2022	Metal	Aluminum	Total	=	49.2	µg/L	EPA 200.8	4.4	20			
2021/22-4	Lab	LCS, rec	5/31/2022	Metal	Aluminum	Total	=	99	%	EPA 200.8	-88	-88	85	115	
2021/22-4	ME-CC	matrix spike	5/31/2022	Metal	Aluminum	Total	=	237	µg/L	EPA 200.8	4.4	20			
2021/22-4	ME-CC	matrix spike, rec	5/31/2022	Metal	Aluminum	Total	=	92	%	EPA 200.8	-88	-88	70	130	
2021/22-4	ME-CC	matrix spike dup	5/31/2022	Metal	Aluminum	Total	=	233	µg/L	EPA 200.8	4.4	20			
2021/22-4	ME-CC	matrix spike dup, rec	5/31/2022	Metal	Aluminum	Total	=	84	%	EPA 200.8	-88	-88	70	130	
2021/22-4	ME-CC	matrix spike, RPD	5/31/2022	Metal	Aluminum	Total	=	2	%	EPA 200.8	-88	-88	0	30	
2021/22-4	ME-SCR	matrix spike	5/27/2022	Metal	Aluminum	Total	=	61.9	µg/L	EPA 200.8	4.4	20			
2021/22-4	ME-SCR	matrix spike, rec	5/27/2022	Metal	Aluminum	Total	=	97	%	EPA 200.8	-88	-88	70	130	
2021/22-4	ME-SCR	matrix spike dup	5/27/2022	Metal	Aluminum	Total	=	62.2	µg/L	EPA 200.8	4.4	20			
2021/22-4	ME-SCR	matrix spike dup, rec	5/27/2022	Metal	Aluminum	Total	=	98	%	EPA 200.8	-88	-88	70	130	
2021/22-4	ME-SCR	matrix spike, RPD	5/27/2022	Metal	Aluminum	Total	=	0.5	%	EPA 200.8	-88	-88	0	30	
2021/22-4	MO-FIL	matrix spike	5/27/2022	Metal	Aluminum	Total	=	67	µg/L	EPA 200.8	4.4	20			
2021/22-4	MO-FIL	matrix spike, rec	5/27/2022	Metal	Aluminum	Total	=	98	%	EPA 200.8	-88	-88	70	130	
2021/22-4	MO-FIL	matrix spike dup	5/27/2022	Metal	Aluminum	Total	=	65.1	µg/L	EPA 200.8	4.4	20			
2021/22-4	MO-FIL	matrix spike dup, rec	5/27/2022	Metal	Aluminum	Total	=	95	%	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	
2021/22-4	MO-FIL	matrix spike, RPD	5/27/2022	Metal	Aluminum	Total	=	3	%	EPA 200.8	-88	-88	0	30	
2021/22-4	MO-OJA	matrix spike	5/17/2022	Metal	Aluminum	Total	=	52.6	µg/L	EPA 200.8	4.4	20			
2021/22-4	MO-OJA	matrix spike, rec	5/17/2022	Metal	Aluminum	Total	=	95	%	EPA 200.8	-88	-88	70	130	
2021/22-4	MO-OJA	matrix spike dup	5/17/2022	Metal	Aluminum	Total	=	53.5	µg/L	EPA 200.8	4.4	20			
2021/22-4	MO-OJA	matrix spike dup, rec	5/17/2022	Metal	Aluminum	Total	=	97	%	EPA 200.8	-88	-88	70	130	
2021/22-4	MO-OJA	matrix spike, RPD	5/17/2022	Metal	Aluminum	Total	=	2	%	EPA 200.8	-88	-88	0	30	
2021/22-4	Lab	method blank	5/17/2022	Metal	Antimony	Dissolved	<	0.089	µg/L	EPA 200.8	0.089	0.5			
2021/22-4	Lab	LCS	5/17/2022	Metal	Antimony	Dissolved	=	49.1	µg/L	EPA 200.8	0.089	0.5			
2021/22-4	Lab	LCS, rec	5/17/2022	Metal	Antimony	Dissolved	=	98	%	EPA 200.8	-88	-88	85	115	
2021/22-4	Lab	method blank	5/27/2022	Metal	Antimony	Dissolved	<	0.089	µg/L	EPA 200.8	0.089	0.5			
2021/22-4	Lab	LCS	5/27/2022	Metal	Antimony	Dissolved	=	50.3	µg/L	EPA 200.8	0.089	0.5			
2021/22-4	Lab	LCS, rec	5/27/2022	Metal	Antimony	Dissolved	=	101	%	EPA 200.8	-88	-88	85	115	
2021/22-4	Lab	method blank	5/31/2022	Metal	Antimony	Dissolved	<	0.089	µg/L	EPA 200.8	0.089	0.5			
2021/22-4	Lab	LCS	5/31/2022	Metal	Antimony	Dissolved	=	50.7	µg/L	EPA 200.8	0.089	0.5			
2021/22-4	Lab	LCS, rec	5/31/2022	Metal	Antimony	Dissolved	=	101	%	EPA 200.8	-88	-88	85	115	
2021/22-4	Lab	method blank	5/17/2022	Metal	Antimony	Total	<	0.089	µg/L	EPA 200.8	0.089	0.5			
2021/22-4	Lab	LCS	5/17/2022	Metal	Antimony	Total	=	49.1	µg/L	EPA 200.8	0.089	0.5			
2021/22-4	Lab	LCS, rec	5/17/2022	Metal	Antimony	Total	=	98	%	EPA 200.8	-88	-88	85	115	
2021/22-4	Lab	method blank	5/27/2022	Metal	Antimony	Total	<	0.089	µg/L	EPA 200.8	0.089	0.5			
2021/22-4	Lab	LCS	5/27/2022	Metal	Antimony	Total	=	50.3	µg/L	EPA 200.8	0.089	0.5			
2021/22-4	Lab	LCS, rec	5/27/2022	Metal	Antimony	Total	=	101	%	EPA 200.8	-88	-88	85	115	
2021/22-4	Lab	method blank	5/31/2022	Metal	Antimony	Total	<	0.089	µg/L	EPA 200.8	0.089	0.5			
2021/22-4	Lab	LCS	5/31/2022	Metal	Antimony	Total	=	50.7	µg/L	EPA 200.8	0.089	0.5			
2021/22-4	Lab	LCS, rec	5/31/2022	Metal	Antimony	Total	=	101	%	EPA 200.8	-88	-88	85	115	
2021/22-4	ME-CC	matrix spike	5/31/2022	Metal	Antimony	Total	=	52.8	µg/L	EPA 200.8	0.089	0.5			
2021/22-4	ME-CC	matrix spike, rec	5/31/2022	Metal	Antimony	Total	=	105	%	EPA 200.8	-88	-88	70	130	
2021/22-4	ME-CC	matrix spike dup	5/31/2022	Metal	Antimony	Total	=	52.8	µg/L	EPA 200.8	0.089	0.5			
2021/22-4	ME-CC	matrix spike dup, rec	5/31/2022	Metal	Antimony	Total	=	105	%	EPA 200.8	-88	-88	70	130	
2021/22-4	ME-CC	matrix spike, RPD	5/31/2022	Metal	Antimony	Total	=	0.007	%	EPA 200.8	-88	-88	0	30	
2021/22-4	ME-SCR	matrix spike	5/27/2022	Metal	Antimony	Total	=	51	µg/L	EPA 200.8	0.089	0.5			
2021/22-4	ME-SCR	matrix spike, rec	5/27/2022	Metal	Antimony	Total	=	102	%	EPA 200.8	-88	-88	70	130	
2021/22-4	ME-SCR	matrix spike dup	5/27/2022	Metal	Antimony	Total	=	51.6	µg/L	EPA 200.8	0.089	0.5			
2021/22-4	ME-SCR	matrix spike dup, rec	5/27/2022	Metal	Antimony	Total	=	103	%	EPA 200.8	-88	-88	70	130	
2021/22-4	ME-SCR	matrix spike, RPD	5/27/2022	Metal	Antimony	Total	=	1	%	EPA 200.8	-88	-88	0	30	
2021/22-4	MO-FIL	matrix spike	5/27/2022	Metal	Antimony	Total	=	51.4	µg/L	EPA 200.8	0.089	0.5			
2021/22-4	MO-FIL	matrix spike, rec	5/27/2022	Metal	Antimony	Total	=	102	%	EPA 200.8	-88	-88	70	130	
2021/22-4	MO-FIL	matrix spike dup	5/27/2022	Metal	Antimony	Total	=	51	µg/L	EPA 200.8	0.089	0.5			
2021/22-4	MO-FIL	matrix spike dup, rec	5/27/2022	Metal	Antimony	Total	=	101	%	EPA 200.8	-88	-88	70	130	
2021/22-4	MO-FIL	matrix spike, RPD	5/27/2022	Metal	Antimony	Total	=	0.9	%	EPA 200.8	-88	-88	0	30	
2021/22-4	MO-OJA	matrix spike	5/17/2022	Metal	Antimony	Total	=	49.7	µg/L	EPA 200.8	0.089	0.5			
2021/22-4	MO-OJA	matrix spike, rec	5/17/2022	Metal	Antimony	Total	=	99	%	EPA 200.8	-88	-88	70	130	
2021/22-4	MO-OJA	matrix spike dup	5/17/2022	Metal	Antimony	Total	=	49.6	µg/L	EPA 200.8	0.089	0.5			
2021/22-4	MO-OJA	matrix spike dup, rec	5/17/2022	Metal	Antimony	Total	=	99	%	EPA 200.8	-88	-88	70	130	
2021/22-4	MO-OJA	matrix spike, RPD	5/17/2022	Metal	Antimony	Total	=	0.2	%	EPA 200.8	-88	-88	0	30	
2021/22-4	Lab	method blank	5/17/2022	Metal	Arsenic	Dissolved	<	0.074	µg/L	EPA 200.8	0.074	0.4			
2021/22-4	Lab	LCS	5/17/2022	Metal	Arsenic	Dissolved	=	48.8	µg/L	EPA 200.8	0.074	0.4			
2021/22-4	Lab	LCS, rec	5/17/2022	Metal	Arsenic	Dissolved	=	98	%	EPA 200.8	-88	-88	85	115	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2021/22-4	Lab	method blank	5/27/2022	Metal	Arsenic	Dissolved	<	0.074	µg/L	EPA 200.8	0.074	0.4			
2021/22-4	Lab	LCS	5/27/2022	Metal	Arsenic	Dissolved	=	49.5	µg/L	EPA 200.8	0.074	0.4			
2021/22-4	Lab	LCS, rec	5/27/2022	Metal	Arsenic	Dissolved	=	99	%	EPA 200.8	-88	-88	85	115	
2021/22-4	Lab	method blank	5/31/2022	Metal	Arsenic	Dissolved	<	0.074	µg/L	EPA 200.8	0.074	0.4			
2021/22-4	Lab	LCS	5/31/2022	Metal	Arsenic	Dissolved	=	50.4	µg/L	EPA 200.8	0.074	0.4			
2021/22-4	Lab	LCS, rec	5/31/2022	Metal	Arsenic	Dissolved	=	101	%	EPA 200.8	-88	-88	85	115	
2021/22-4	Lab	method blank	5/17/2022	Metal	Arsenic	Total	<	0.074	µg/L	EPA 200.8	0.074	0.4			
2021/22-4	Lab	LCS	5/17/2022	Metal	Arsenic	Total	=	48.8	µg/L	EPA 200.8	0.074	0.4			
2021/22-4	Lab	LCS, rec	5/17/2022	Metal	Arsenic	Total	=	98	%	EPA 200.8	-88	-88	85	115	
2021/22-4	Lab	method blank	5/27/2022	Metal	Arsenic	Total	<	0.074	µg/L	EPA 200.8	0.074	0.4			
2021/22-4	Lab	LCS	5/27/2022	Metal	Arsenic	Total	=	49.5	µg/L	EPA 200.8	0.074	0.4			
2021/22-4	Lab	LCS, rec	5/27/2022	Metal	Arsenic	Total	=	99	%	EPA 200.8	-88	-88	85	115	
2021/22-4	Lab	method blank	5/31/2022	Metal	Arsenic	Total	<	0.074	µg/L	EPA 200.8	0.074	0.4			
2021/22-4	Lab	LCS	5/31/2022	Metal	Arsenic	Total	=	50.4	µg/L	EPA 200.8	0.074	0.4			
2021/22-4	Lab	LCS, rec	5/31/2022	Metal	Arsenic	Total	=	101	%	EPA 200.8	-88	-88	85	115	
2021/22-4	ME-CC	matrix spike	5/31/2022	Metal	Arsenic	Total	=	53.5	µg/L	EPA 200.8	0.074	0.4			
2021/22-4	ME-CC	matrix spike, rec	5/31/2022	Metal	Arsenic	Total	=	99	%	EPA 200.8	-88	-88	70	130	
2021/22-4	ME-CC	matrix spike dup	5/31/2022	Metal	Arsenic	Total	=	54.8	µg/L	EPA 200.8	0.074	0.4			
2021/22-4	ME-CC	matrix spike dup, rec	5/31/2022	Metal	Arsenic	Total	=	101	%	EPA 200.8	-88	-88	70	130	
2021/22-4	ME-CC	matrix spike, RPD	5/31/2022	Metal	Arsenic	Total	=	2	%	EPA 200.8	-88	-88	0	30	
2021/22-4	ME-SCR	matrix spike	5/27/2022	Metal	Arsenic	Total	=	49.7	µg/L	EPA 200.8	0.074	0.4			
2021/22-4	ME-SCR	matrix spike, rec	5/27/2022	Metal	Arsenic	Total	=	98	%	EPA 200.8	-88	-88	70	130	
2021/22-4	ME-SCR	matrix spike dup	5/27/2022	Metal	Arsenic	Total	=	50.5	µg/L	EPA 200.8	0.074	0.4			
2021/22-4	ME-SCR	matrix spike dup, rec	5/27/2022	Metal	Arsenic	Total	=	100	%	EPA 200.8	-88	-88	70	130	
2021/22-4	ME-SCR	matrix spike, RPD	5/27/2022	Metal	Arsenic	Total	=	2	%	EPA 200.8	-88	-88	0	30	
2021/22-4	MO-FIL	matrix spike	5/27/2022	Metal	Arsenic	Total	=	50.1	µg/L	EPA 200.8	0.074	0.4			
2021/22-4	MO-FIL	matrix spike, rec	5/27/2022	Metal	Arsenic	Total	=	99	%	EPA 200.8	-88	-88	70	130	
2021/22-4	MO-FIL	matrix spike dup	5/27/2022	Metal	Arsenic	Total	=	49	µg/L	EPA 200.8	0.074	0.4			
2021/22-4	MO-FIL	matrix spike dup, rec	5/27/2022	Metal	Arsenic	Total	=	97	%	EPA 200.8	-88	-88	70	130	
2021/22-4	MO-FIL	matrix spike, RPD	5/27/2022	Metal	Arsenic	Total	=	2	%	EPA 200.8	-88	-88	0	30	
2021/22-4	MO-OJA	matrix spike	5/17/2022	Metal	Arsenic	Total	=	49.4	µg/L	EPA 200.8	0.074	0.4			
2021/22-4	MO-OJA	matrix spike, rec	5/17/2022	Metal	Arsenic	Total	=	98	%	EPA 200.8	-88	-88	70	130	
2021/22-4	MO-OJA	matrix spike dup	5/17/2022	Metal	Arsenic	Total	=	49	µg/L	EPA 200.8	0.074	0.4			
2021/22-4	MO-OJA	matrix spike dup, rec	5/17/2022	Metal	Arsenic	Total	=	97	%	EPA 200.8	-88	-88	70	130	
2021/22-4	MO-OJA	matrix spike, RPD	5/17/2022	Metal	Arsenic	Total	=	0.7	%	EPA 200.8	-88	-88	0	30	
2021/22-4	Lab	method blank	5/17/2022	Metal	Barium	Total	<	0.14	µg/L	EPA 200.8	0.14	1			
2021/22-4	Lab	LCS	5/17/2022	Metal	Barium	Total	=	48.6	µg/L	EPA 200.8	0.14	1			
2021/22-4	Lab	LCS, rec	5/17/2022	Metal	Barium	Total	=	97	%	EPA 200.8	-88	-88	85	115	
2021/22-4	Lab	method blank	5/27/2022	Metal	Barium	Total	<	0.14	µg/L	EPA 200.8	0.14	1			
2021/22-4	Lab	LCS	5/27/2022	Metal	Barium	Total	=	49.3	µg/L	EPA 200.8	0.14	1			
2021/22-4	Lab	LCS, rec	5/27/2022	Metal	Barium	Total	=	99	%	EPA 200.8	-88	-88	85	115	
2021/22-4	Lab	method blank	5/31/2022	Metal	Barium	Total	<	0.14	µg/L	EPA 200.8	0.14	1			
2021/22-4	Lab	LCS	5/31/2022	Metal	Barium	Total	=	48.4	µg/L	EPA 200.8	0.14	1			
2021/22-4	Lab	LCS, rec	5/31/2022	Metal	Barium	Total	=	97	%	EPA 200.8	-88	-88	85	115	
2021/22-4	ME-CC	matrix spike	5/31/2022	Metal	Barium	Total	=	94.9	µg/L	EPA 200.8	0.14	1			
2021/22-4	ME-CC	matrix spike, rec	5/31/2022	Metal	Barium	Total	=	101	%	EPA 200.8	-88	-88	70	130	
2021/22-4	ME-CC	matrix spike dup	5/31/2022	Metal	Barium	Total	=	94.5	µg/L	EPA 200.8	0.14	1			

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2021/22-4	ME-CC	matrix spike dup, rec	5/31/2022	Metal	Barium	Total	=	100	%	EPA 200.8	-88	-88	70	130	
2021/22-4	ME-CC	matrix spike, RPD	5/31/2022	Metal	Barium	Total	=	0.4	%	EPA 200.8	-88	-88	0	30	
2021/22-4	ME-SCR	matrix spike	5/27/2022	Metal	Barium	Total	=	82	µg/L	EPA 200.8	0.14	1			
2021/22-4	ME-SCR	matrix spike, rec	5/27/2022	Metal	Barium	Total	=	97	%	EPA 200.8	-88	-88	70	130	
2021/22-4	ME-SCR	matrix spike dup	5/27/2022	Metal	Barium	Total	=	83	µg/L	EPA 200.8	0.14	1			
2021/22-4	ME-SCR	matrix spike dup, rec	5/27/2022	Metal	Barium	Total	=	99	%	EPA 200.8	-88	-88	70	130	
2021/22-4	ME-SCR	matrix spike, RPD	5/27/2022	Metal	Barium	Total	=	1	%	EPA 200.8	-88	-88	0	30	
2021/22-4	MO-FIL	matrix spike	5/27/2022	Metal	Barium	Total	=	80.3	µg/L	EPA 200.8	0.14	1			
2021/22-4	MO-FIL	matrix spike, rec	5/27/2022	Metal	Barium	Total	=	101	%	EPA 200.8	-88	-88	70	130	
2021/22-4	MO-FIL	matrix spike dup	5/27/2022	Metal	Barium	Total	=	79.2	µg/L	EPA 200.8	0.14	1			
2021/22-4	MO-FIL	matrix spike dup, rec	5/27/2022	Metal	Barium	Total	=	99	%	EPA 200.8	-88	-88	70	130	
2021/22-4	MO-FIL	matrix spike, RPD	5/27/2022	Metal	Barium	Total	=	1	%	EPA 200.8	-88	-88	0	30	
2021/22-4	MO-OJA	matrix spike	5/17/2022	Metal	Barium	Total	=	96.2	µg/L	EPA 200.8	0.14	1			
2021/22-4	MO-OJA	matrix spike, rec	5/17/2022	Metal	Barium	Total	=	97	%	EPA 200.8	-88	-88	70	130	
2021/22-4	MO-OJA	matrix spike dup	5/17/2022	Metal	Barium	Total	=	96.8	µg/L	EPA 200.8	0.14	1			
2021/22-4	MO-OJA	matrix spike dup, rec	5/17/2022	Metal	Barium	Total	=	98	%	EPA 200.8	-88	-88	70	130	
2021/22-4	MO-OJA	matrix spike, RPD	5/17/2022	Metal	Barium	Total	=	0.7	%	EPA 200.8	-88	-88	0	30	
2021/22-4	Lab	method blank	5/17/2022	Metal	Beryllium	Dissolved	<	0.062	µg/L	EPA 200.8	0.062	0.1			
2021/22-4	Lab	LCS	5/17/2022	Metal	Beryllium	Dissolved	=	46.1	µg/L	EPA 200.8	0.062	0.1			
2021/22-4	Lab	LCS, rec	5/17/2022	Metal	Beryllium	Dissolved	=	92	%	EPA 200.8	-88	-88	85	115	
2021/22-4	Lab	method blank	5/27/2022	Metal	Beryllium	Dissolved	<	0.062	µg/L	EPA 200.8	0.062	0.1			
2021/22-4	Lab	LCS	5/27/2022	Metal	Beryllium	Dissolved	=	47.4	µg/L	EPA 200.8	0.062	0.1			
2021/22-4	Lab	LCS, rec	5/27/2022	Metal	Beryllium	Dissolved	=	95	%	EPA 200.8	-88	-88	85	115	
2021/22-4	Lab	method blank	5/31/2022	Metal	Beryllium	Dissolved	<	0.062	µg/L	EPA 200.8	0.062	0.1			
2021/22-4	Lab	LCS	5/31/2022	Metal	Beryllium	Dissolved	=	46.8	µg/L	EPA 200.8	0.062	0.1			
2021/22-4	Lab	LCS, rec	5/31/2022	Metal	Beryllium	Dissolved	=	94	%	EPA 200.8	-88	-88	85	115	
2021/22-4	Lab	method blank	5/17/2022	Metal	Beryllium	Total	<	0.029	µg/L	EPA 200.8	0.029	0.1			
2021/22-4	Lab	LCS	5/17/2022	Metal	Beryllium	Total	=	46.1	µg/L	EPA 200.8	0.029	0.1			
2021/22-4	Lab	LCS, rec	5/17/2022	Metal	Beryllium	Total	=	92	%	EPA 200.8	-88	-88	85	115	
2021/22-4	Lab	method blank	5/27/2022	Metal	Beryllium	Total	<	0.029	µg/L	EPA 200.8	0.029	0.1			
2021/22-4	Lab	LCS	5/27/2022	Metal	Beryllium	Total	=	47.4	µg/L	EPA 200.8	0.029	0.1			
2021/22-4	Lab	LCS, rec	5/27/2022	Metal	Beryllium	Total	=	95	%	EPA 200.8	-88	-88	85	115	
2021/22-4	Lab	method blank	5/31/2022	Metal	Beryllium	Total	<	0.029	µg/L	EPA 200.8	0.029	0.1			
2021/22-4	Lab	LCS	5/31/2022	Metal	Beryllium	Total	=	46.8	µg/L	EPA 200.8	0.029	0.1			
2021/22-4	Lab	LCS, rec	5/31/2022	Metal	Beryllium	Total	=	94	%	EPA 200.8	-88	-88	85	115	
2021/22-4	ME-CC	matrix spike	5/31/2022	Metal	Beryllium	Total	=	47.5	µg/L	EPA 200.8	0.029	0.1			
2021/22-4	ME-CC	matrix spike, rec	5/31/2022	Metal	Beryllium	Total	=	95	%	EPA 200.8	-88	-88	70	130	
2021/22-4	ME-CC	matrix spike dup	5/31/2022	Metal	Beryllium	Total	=	48.4	µg/L	EPA 200.8	0.029	0.1			
2021/22-4	ME-CC	matrix spike dup, rec	5/31/2022	Metal	Beryllium	Total	=	97	%	EPA 200.8	-88	-88	70	130	
2021/22-4	ME-CC	matrix spike, RPD	5/31/2022	Metal	Beryllium	Total	=	2	%	EPA 200.8	-88	-88	0	30	
2021/22-4	ME-SCR	matrix spike	5/27/2022	Metal	Beryllium	Total	=	49	µg/L	EPA 200.8	0.029	0.1			
2021/22-4	ME-SCR	matrix spike, rec	5/27/2022	Metal	Beryllium	Total	=	98	%	EPA 200.8	-88	-88	70	130	
2021/22-4	ME-SCR	matrix spike dup	5/27/2022	Metal	Beryllium	Total	=	49.1	µg/L	EPA 200.8	0.029	0.1			
2021/22-4	ME-SCR	matrix spike dup, rec	5/27/2022	Metal	Beryllium	Total	=	98	%	EPA 200.8	-88	-88	70	130	
2021/22-4	ME-SCR	matrix spike, RPD	5/27/2022	Metal	Beryllium	Total	=	0.07	%	EPA 200.8	-88	-88	0	30	
2021/22-4	MO-FIL	matrix spike	5/27/2022	Metal	Beryllium	Total	=	47.8	µg/L	EPA 200.8	0.029	0.1			
2021/22-4	MO-FIL	matrix spike, rec	5/27/2022	Metal	Beryllium	Total	=	96	%	EPA 200.8	-88	-88	70	130	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2021/22-4	MO-FIL	matrix spike dup	5/27/2022	Metal	Beryllium	Total	=	47.4	µg/L	EPA 200.8	0.029	0.1			
2021/22-4	MO-FIL	matrix spike dup, rec	5/27/2022	Metal	Beryllium	Total	=	95	%	EPA 200.8	-88	-88	70	130	
2021/22-4	MO-FIL	matrix spike, RPD	5/27/2022	Metal	Beryllium	Total	=	0.9	%	EPA 200.8	-88	-88	0	30	
2021/22-4	MO-OJA	matrix spike	5/17/2022	Metal	Beryllium	Total	=	47.7	µg/L	EPA 200.8	0.029	0.1			
2021/22-4	MO-OJA	matrix spike, rec	5/17/2022	Metal	Beryllium	Total	=	96	%	EPA 200.8	-88	-88	70	130	
2021/22-4	MO-OJA	matrix spike dup	5/17/2022	Metal	Beryllium	Total	=	47.6	µg/L	EPA 200.8	0.029	0.1			
2021/22-4	MO-OJA	matrix spike dup, rec	5/17/2022	Metal	Beryllium	Total	=	95	%	EPA 200.8	-88	-88	70	130	
2021/22-4	MO-OJA	matrix spike, RPD	5/17/2022	Metal	Beryllium	Total	=	0.2	%	EPA 200.8	-88	-88	0	30	
2021/22-4	Lab	method blank	5/17/2022	Metal	Cadmium	Dissolved	<	0.042	µg/L	EPA 200.8	0.042	0.2			
2021/22-4	Lab	LCS	5/17/2022	Metal	Cadmium	Dissolved	=	48.9	µg/L	EPA 200.8	0.042	0.2			
2021/22-4	Lab	LCS, rec	5/17/2022	Metal	Cadmium	Dissolved	=	98	%	EPA 200.8	-88	-88	85	115	
2021/22-4	Lab	method blank	5/27/2022	Metal	Cadmium	Dissolved	<	0.042	µg/L	EPA 200.8	0.042	0.2			
2021/22-4	Lab	LCS	5/27/2022	Metal	Cadmium	Dissolved	=	49.3	µg/L	EPA 200.8	0.042	0.2			
2021/22-4	Lab	LCS, rec	5/27/2022	Metal	Cadmium	Dissolved	=	99	%	EPA 200.8	-88	-88	85	115	
2021/22-4	Lab	method blank	5/31/2022	Metal	Cadmium	Dissolved	<	0.042	µg/L	EPA 200.8	0.042	0.2			
2021/22-4	Lab	LCS	5/31/2022	Metal	Cadmium	Dissolved	=	48.7	µg/L	EPA 200.8	0.042	0.2			
2021/22-4	Lab	LCS, rec	5/31/2022	Metal	Cadmium	Dissolved	=	97	%	EPA 200.8	-88	-88	85	115	
2021/22-4	Lab	method blank	5/17/2022	Metal	Cadmium	Total	<	0.042	µg/L	EPA 200.8	0.042	0.2			
2021/22-4	Lab	LCS	5/17/2022	Metal	Cadmium	Total	=	48.9	µg/L	EPA 200.8	0.042	0.2			
2021/22-4	Lab	LCS, rec	5/17/2022	Metal	Cadmium	Total	=	98	%	EPA 200.8	-88	-88	85	115	
2021/22-4	Lab	method blank	5/27/2022	Metal	Cadmium	Total	<	0.042	µg/L	EPA 200.8	0.042	0.2			
2021/22-4	Lab	LCS	5/27/2022	Metal	Cadmium	Total	=	49.3	µg/L	EPA 200.8	0.042	0.2			
2021/22-4	Lab	LCS, rec	5/27/2022	Metal	Cadmium	Total	=	99	%	EPA 200.8	-88	-88	85	115	
2021/22-4	Lab	method blank	5/31/2022	Metal	Cadmium	Total	<	0.042	µg/L	EPA 200.8	0.042	0.2			
2021/22-4	Lab	LCS	5/31/2022	Metal	Cadmium	Total	=	48.7	µg/L	EPA 200.8	0.042	0.2			
2021/22-4	Lab	LCS, rec	5/31/2022	Metal	Cadmium	Total	=	97	%	EPA 200.8	-88	-88	85	115	
2021/22-4	ME-CC	matrix spike	5/31/2022	Metal	Cadmium	Total	=	48.1	µg/L	EPA 200.8	0.042	0.2			
2021/22-4	ME-CC	matrix spike, rec	5/31/2022	Metal	Cadmium	Total	=	96	%	EPA 200.8	-88	-88	70	130	
2021/22-4	ME-CC	matrix spike dup	5/31/2022	Metal	Cadmium	Total	=	47.9	µg/L	EPA 200.8	0.042	0.2			
2021/22-4	ME-CC	matrix spike dup, rec	5/31/2022	Metal	Cadmium	Total	=	96	%	EPA 200.8	-88	-88	70	130	
2021/22-4	ME-CC	matrix spike, RPD	5/31/2022	Metal	Cadmium	Total	=	0.4	%	EPA 200.8	-88	-88	0	30	
2021/22-4	ME-SCR	matrix spike	5/27/2022	Metal	Cadmium	Total	=	48	µg/L	EPA 200.8	0.042	0.2			
2021/22-4	ME-SCR	matrix spike, rec	5/27/2022	Metal	Cadmium	Total	=	96	%	EPA 200.8	-88	-88	70	130	
2021/22-4	ME-SCR	matrix spike dup	5/27/2022	Metal	Cadmium	Total	=	48	µg/L	EPA 200.8	0.042	0.2			
2021/22-4	ME-SCR	matrix spike dup, rec	5/27/2022	Metal	Cadmium	Total	=	96	%	EPA 200.8	-88	-88	70	130	
2021/22-4	ME-SCR	matrix spike, RPD	5/27/2022	Metal	Cadmium	Total	=	0.04	%	EPA 200.8	-88	-88	0	30	
2021/22-4	MO-FIL	matrix spike	5/27/2022	Metal	Cadmium	Total	=	48.5	µg/L	EPA 200.8	0.042	0.2			
2021/22-4	MO-FIL	matrix spike, rec	5/27/2022	Metal	Cadmium	Total	=	97	%	EPA 200.8	-88	-88	70	130	
2021/22-4	MO-FIL	matrix spike dup	5/27/2022	Metal	Cadmium	Total	=	47.7	µg/L	EPA 200.8	0.042	0.2			
2021/22-4	MO-FIL	matrix spike dup, rec	5/27/2022	Metal	Cadmium	Total	=	95	%	EPA 200.8	-88	-88	70	130	
2021/22-4	MO-FIL	matrix spike, RPD	5/27/2022	Metal	Cadmium	Total	=	2	%	EPA 200.8	-88	-88	0	30	
2021/22-4	MO-OJA	matrix spike	5/17/2022	Metal	Cadmium	Total	=	47.1	µg/L	EPA 200.8	0.042	0.2			
2021/22-4	MO-OJA	matrix spike, rec	5/17/2022	Metal	Cadmium	Total	=	94	%	EPA 200.8	-88	-88	70	130	
2021/22-4	MO-OJA	matrix spike dup	5/17/2022	Metal	Cadmium	Total	=	46.9	µg/L	EPA 200.8	0.042	0.2			
2021/22-4	MO-OJA	matrix spike dup, rec	5/17/2022	Metal	Cadmium	Total	=	94	%	EPA 200.8	-88	-88	70	130	
2021/22-4	MO-OJA	matrix spike, RPD	5/17/2022	Metal	Cadmium	Total	=	0.5	%	EPA 200.8	-88	-88	0	30	
2021/22-4	Lab	method blank	5/17/2022	Metal	Chromium	Dissolved	<	0.089	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	
2021/22-4	Lab	LCS	5/17/2022	Metal	Chromium	Dissolved	=	49.1	µg/L	EPA 200.8	0.089	0.2			
2021/22-4	Lab	LCS, rec	5/17/2022	Metal	Chromium	Dissolved	=	98	%	EPA 200.8	-88	-88	85	115	
2021/22-4	Lab	method blank	5/27/2022	Metal	Chromium	Dissolved	<	0.089	µg/L	EPA 200.8	0.089	0.2			
2021/22-4	Lab	LCS	5/27/2022	Metal	Chromium	Dissolved	=	49.2	µg/L	EPA 200.8	0.089	0.2			
2021/22-4	Lab	LCS, rec	5/27/2022	Metal	Chromium	Dissolved	=	98	%	EPA 200.8	-88	-88	85	115	
2021/22-4	Lab	method blank	5/31/2022	Metal	Chromium	Dissolved	<	0.089	µg/L	EPA 200.8	0.089	0.2			
2021/22-4	Lab	LCS	5/31/2022	Metal	Chromium	Dissolved	=	49	µg/L	EPA 200.8	0.089	0.2			
2021/22-4	Lab	LCS, rec	5/31/2022	Metal	Chromium	Dissolved	=	98	%	EPA 200.8	-88	-88	85	115	
2021/22-4	Lab	method blank	5/17/2022	Metal	Chromium	Total	<	0.089	µg/L	EPA 200.8	0.089	0.2			
2021/22-4	Lab	LCS	5/17/2022	Metal	Chromium	Total	=	49.1	µg/L	EPA 200.8	0.089	0.2			
2021/22-4	Lab	LCS, rec	5/17/2022	Metal	Chromium	Total	=	98	%	EPA 200.8	-88	-88	85	115	
2021/22-4	Lab	method blank	5/27/2022	Metal	Chromium	Total	<	0.089	µg/L	EPA 200.8	0.089	0.2			
2021/22-4	Lab	LCS	5/27/2022	Metal	Chromium	Total	=	49.2	µg/L	EPA 200.8	0.089	0.2			
2021/22-4	Lab	LCS, rec	5/27/2022	Metal	Chromium	Total	=	98	%	EPA 200.8	-88	-88	85	115	
2021/22-4	Lab	method blank	5/31/2022	Metal	Chromium	Total	<	0.089	µg/L	EPA 200.8	0.089	0.2			
2021/22-4	Lab	LCS	5/31/2022	Metal	Chromium	Total	=	49	µg/L	EPA 200.8	0.089	0.2			
2021/22-4	Lab	LCS, rec	5/31/2022	Metal	Chromium	Total	=	98	%	EPA 200.8	-88	-88	85	115	
2021/22-4	ME-CC	matrix spike	5/31/2022	Metal	Chromium	Total	=	49.1	µg/L	EPA 200.8	0.089	0.2			
2021/22-4	ME-CC	matrix spike, rec	5/31/2022	Metal	Chromium	Total	=	96	%	EPA 200.8	-88	-88	70	130	
2021/22-4	ME-CC	matrix spike dup	5/31/2022	Metal	Chromium	Total	=	48.7	µg/L	EPA 200.8	0.089	0.2			
2021/22-4	ME-CC	matrix spike dup, rec	5/31/2022	Metal	Chromium	Total	=	96	%	EPA 200.8	-88	-88	70	130	
2021/22-4	ME-CC	matrix spike, RPD	5/31/2022	Metal	Chromium	Total	=	0.7	%	EPA 200.8	-88	-88	0	30	
2021/22-4	ME-SCR	matrix spike	5/27/2022	Metal	Chromium	Total	=	47.6	µg/L	EPA 200.8	0.089	0.2			
2021/22-4	ME-SCR	matrix spike, rec	5/27/2022	Metal	Chromium	Total	=	95	%	EPA 200.8	-88	-88	70	130	
2021/22-4	ME-SCR	matrix spike dup	5/27/2022	Metal	Chromium	Total	=	48.3	µg/L	EPA 200.8	0.089	0.2			
2021/22-4	ME-SCR	matrix spike dup, rec	5/27/2022	Metal	Chromium	Total	=	97	%	EPA 200.8	-88	-88	70	130	
2021/22-4	ME-SCR	matrix spike, RPD	5/27/2022	Metal	Chromium	Total	=	1	%	EPA 200.8	-88	-88	0	30	
2021/22-4	MO-FIL	matrix spike	5/27/2022	Metal	Chromium	Total	=	49.1	µg/L	EPA 200.8	0.089	0.2			
2021/22-4	MO-FIL	matrix spike, rec	5/27/2022	Metal	Chromium	Total	=	98	%	EPA 200.8	-88	-88	70	130	
2021/22-4	MO-FIL	matrix spike dup	5/27/2022	Metal	Chromium	Total	=	48.2	µg/L	EPA 200.8	0.089	0.2			
2021/22-4	MO-FIL	matrix spike dup, rec	5/27/2022	Metal	Chromium	Total	=	96	%	EPA 200.8	-88	-88	70	130	
2021/22-4	MO-FIL	matrix spike, RPD	5/27/2022	Metal	Chromium	Total	=	2	%	EPA 200.8	-88	-88	0	30	
2021/22-4	MO-OJA	matrix spike	5/17/2022	Metal	Chromium	Total	=	46.7	µg/L	EPA 200.8	0.089	0.2			
2021/22-4	MO-OJA	matrix spike, rec	5/17/2022	Metal	Chromium	Total	=	93	%	EPA 200.8	-88	-88	70	130	
2021/22-4	MO-OJA	matrix spike dup	5/17/2022	Metal	Chromium	Total	=	46.6	µg/L	EPA 200.8	0.089	0.2			
2021/22-4	MO-OJA	matrix spike dup, rec	5/17/2022	Metal	Chromium	Total	=	93	%	EPA 200.8	-88	-88	70	130	
2021/22-4	MO-OJA	matrix spike, RPD	5/17/2022	Metal	Chromium	Total	=	0.2	%	EPA 200.8	-88	-88	0	30	
2021/22-4	000NONPJ	matrix spike	5/17/2022	Metal	Chromium VI	n/a	=	5.37	µg/L	EPA 218.6	0.0079	0.02			
2021/22-4	000NONPJ	matrix spike, rec	5/17/2022	Metal	Chromium VI	n/a	=	103	%	EPA 218.6	-88	-88	88	112	
2021/22-4	000NONPJ	matrix spike dup	5/17/2022	Metal	Chromium VI	n/a	=	5.33	µg/L	EPA 218.6	0.0079	0.02			
2021/22-4	000NONPJ	matrix spike dup, rec	5/17/2022	Metal	Chromium VI	n/a	=	103	%	EPA 218.6	-88	-88	88	112	
2021/22-4	000NONPJ	matrix spike, RPD	5/17/2022	Metal	Chromium VI	n/a	=	0.8	%	EPA 218.6	-88	-88	0	10	
2021/22-4	000NONPJ	matrix spike	5/17/2022	Metal	Chromium VI	n/a	=	4.93	µg/L	EPA 218.6	0.0079	0.02			
2021/22-4	000NONPJ	matrix spike, rec	5/17/2022	Metal	Chromium VI	n/a	=	96	%	EPA 218.6	-88	-88	88	112	
2021/22-4	000NONPJ	matrix spike dup	5/17/2022	Metal	Chromium VI	n/a	=	4.89	µg/L	EPA 218.6	0.0079	0.02			
2021/22-4	000NONPJ	matrix spike dup, rec	5/17/2022	Metal	Chromium VI	n/a	=	96	%	EPA 218.6	-88	-88	88	112	
2021/22-4	000NONPJ	matrix spike, RPD	5/17/2022	Metal	Chromium VI	n/a	=	0.7	%	EPA 218.6	-88	-88	0	10	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2021/22-4	000NONPJ	matrix spike	5/31/2022	Metal	Chromium VI	n/a	=	5.3	µg/L	EPA 218.6	0.0079	0.02			
2021/22-4	000NONPJ	matrix spike, rec	5/31/2022	Metal	Chromium VI	n/a	=	106	%	EPA 218.6	-88	-88	88	112	
2021/22-4	000NONPJ	matrix spike dup	5/31/2022	Metal	Chromium VI	n/a	=	5.4	µg/L	EPA 218.6	0.0079	0.02			
2021/22-4	000NONPJ	matrix spike dup, rec	5/31/2022	Metal	Chromium VI	n/a	=	108	%	EPA 218.6	-88	-88	88	112	
2021/22-4	000NONPJ	matrix spike, RPD	5/31/2022	Metal	Chromium VI	n/a	=	2	%	EPA 218.6	-88	-88	0	10	
2021/22-4	000NONPJ	matrix spike	5/31/2022	Metal	Chromium VI	n/a	=	5.23	µg/L	EPA 218.6	0.0079	0.02			
2021/22-4	000NONPJ	matrix spike, rec	5/31/2022	Metal	Chromium VI	n/a	=	103	%	EPA 218.6	-88	-88	88	112	
2021/22-4	000NONPJ	matrix spike dup	5/31/2022	Metal	Chromium VI	n/a	=	5.37	µg/L	EPA 218.6	0.0079	0.02			
2021/22-4	000NONPJ	matrix spike dup, rec	5/31/2022	Metal	Chromium VI	n/a	=	106	%	EPA 218.6	-88	-88	88	112	
2021/22-4	000NONPJ	matrix spike, RPD	5/31/2022	Metal	Chromium VI	n/a	=	3	%	EPA 218.6	-88	-88	0	10	
2021/22-4	000NONPJ	matrix spike	6/1/2022	Metal	Chromium VI	n/a	=	5.22	µg/L	EPA 218.6	0.0079	0.02			
2021/22-4	000NONPJ	matrix spike, rec	6/1/2022	Metal	Chromium VI	n/a	=	101	%	EPA 218.6	-88	-88	88	112	
2021/22-4	000NONPJ	matrix spike dup	6/1/2022	Metal	Chromium VI	n/a	=	5.32	µg/L	EPA 218.6	0.0079	0.02			
2021/22-4	000NONPJ	matrix spike dup, rec	6/1/2022	Metal	Chromium VI	n/a	=	103	%	EPA 218.6	-88	-88	88	112	
2021/22-4	000NONPJ	matrix spike, RPD	6/1/2022	Metal	Chromium VI	n/a	=	2	%	EPA 218.6	-88	-88	0	10	
2021/22-4	000NONPJ	matrix spike	6/1/2022	Metal	Chromium VI	n/a	=	5.08	µg/L	EPA 218.6	0.0079	0.02			
2021/22-4	000NONPJ	matrix spike, rec	6/1/2022	Metal	Chromium VI	n/a	=	102	%	EPA 218.6	-88	-88	88	112	
2021/22-4	000NONPJ	matrix spike dup	6/1/2022	Metal	Chromium VI	n/a	=	5.2	µg/L	EPA 218.6	0.0079	0.02			
2021/22-4	000NONPJ	matrix spike dup, rec	6/1/2022	Metal	Chromium VI	n/a	=	104	%	EPA 218.6	-88	-88	88	112	
2021/22-4	000NONPJ	matrix spike, RPD	6/1/2022	Metal	Chromium VI	n/a	=	2	%	EPA 218.6	-88	-88	0	10	
2021/22-4	Lab	method blank	5/17/2022	Metal	Chromium VI	n/a	<	0.0079	µg/L	EPA 218.6	0.0079	0.02			
2021/22-4	Lab	LCS	5/17/2022	Metal	Chromium VI	n/a	=	5.1	µg/L	EPA 218.6	0.0079	0.02			
2021/22-4	Lab	LCS, rec	5/17/2022	Metal	Chromium VI	n/a	=	102	%	EPA 218.6	-88	-88	90	110	
2021/22-4	Lab	method blank	5/31/2022	Metal	Chromium VI	n/a	<	0.0079	µg/L	EPA 218.6	0.0079	0.02			
2021/22-4	Lab	LCS	5/31/2022	Metal	Chromium VI	n/a	=	5.23	µg/L	EPA 218.6	0.0079	0.02			
2021/22-4	Lab	LCS, rec	5/31/2022	Metal	Chromium VI	n/a	=	105	%	EPA 218.6	-88	-88	90	110	
2021/22-4	Lab	method blank	6/1/2022	Metal	Chromium VI	n/a	<	0.0079	µg/L	EPA 218.6	0.0079	0.02			
2021/22-4	Lab	LCS	6/1/2022	Metal	Chromium VI	n/a	=	5.19	µg/L	EPA 218.6	0.0079	0.02			
2021/22-4	Lab	LCS, rec	6/1/2022	Metal	Chromium VI	n/a	=	104	%	EPA 218.6	-88	-88	90	110	
2021/22-4	Lab	method blank	5/17/2022	Metal	Copper	Dissolved	<	0.23	µg/L	EPA 200.8	0.23	0.5			
2021/22-4	Lab	LCS	5/17/2022	Metal	Copper	Dissolved	=	50	µg/L	EPA 200.8	0.23	0.5			
2021/22-4	Lab	LCS, rec	5/17/2022	Metal	Copper	Dissolved	=	100	%	EPA 200.8	-88	-88	85	115	
2021/22-4	Lab	method blank	5/27/2022	Metal	Copper	Dissolved	<	0.23	µg/L	EPA 200.8	0.23	0.5			
2021/22-4	Lab	LCS	5/27/2022	Metal	Copper	Dissolved	=	50.5	µg/L	EPA 200.8	0.23	0.5			
2021/22-4	Lab	LCS, rec	5/27/2022	Metal	Copper	Dissolved	=	101	%	EPA 200.8	-88	-88	85	115	
2021/22-4	Lab	method blank	5/31/2022	Metal	Copper	Dissolved	<	0.23	µg/L	EPA 200.8	0.23	0.5			
2021/22-4	Lab	LCS	5/31/2022	Metal	Copper	Dissolved	=	50.3	µg/L	EPA 200.8	0.23	0.5			
2021/22-4	Lab	LCS, rec	5/31/2022	Metal	Copper	Dissolved	=	101	%	EPA 200.8	-88	-88	85	115	
2021/22-4	Lab	method blank	5/17/2022	Metal	Copper	Total	<	0.23	µg/L	EPA 200.8	0.23	0.5			
2021/22-4	Lab	LCS	5/17/2022	Metal	Copper	Total	=	50	µg/L	EPA 200.8	0.23	0.5			
2021/22-4	Lab	LCS, rec	5/17/2022	Metal	Copper	Total	=	100	%	EPA 200.8	-88	-88	85	115	
2021/22-4	Lab	method blank	5/27/2022	Metal	Copper	Total	<	0.23	µg/L	EPA 200.8	0.23	0.5			
2021/22-4	Lab	LCS	5/27/2022	Metal	Copper	Total	=	50.5	µg/L	EPA 200.8	0.23	0.5			
2021/22-4	Lab	LCS, rec	5/27/2022	Metal	Copper	Total	=	101	%	EPA 200.8	-88	-88	85	115	
2021/22-4	Lab	method blank	5/31/2022	Metal	Copper	Total	<	0.23	µg/L	EPA 200.8	0.23	0.5			
2021/22-4	Lab	LCS	5/31/2022	Metal	Copper	Total	=	50.3	µg/L	EPA 200.8	0.23	0.5			
2021/22-4	Lab	LCS, rec	5/31/2022	Metal	Copper	Total	=	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	
2021/22-4	ME-CC	matrix spike	5/31/2022	Metal	Copper	Total	=	49.9	µg/L	EPA 200.8	0.23	0.5			
2021/22-4	ME-CC	matrix spike, rec	5/31/2022	Metal	Copper	Total	=	95	%	EPA 200.8	-88	-88	70	130	
2021/22-4	ME-CC	matrix spike dup	5/31/2022	Metal	Copper	Total	=	49.3	µg/L	EPA 200.8	0.23	0.5			
2021/22-4	ME-CC	matrix spike dup, rec	5/31/2022	Metal	Copper	Total	=	94	%	EPA 200.8	-88	-88	70	130	
2021/22-4	ME-CC	matrix spike, RPD	5/31/2022	Metal	Copper	Total	=	1	%	EPA 200.8	-88	-88	0	30	
2021/22-4	ME-SCR	matrix spike	5/27/2022	Metal	Copper	Total	=	47.1	µg/L	EPA 200.8	0.23	0.5			
2021/22-4	ME-SCR	matrix spike, rec	5/27/2022	Metal	Copper	Total	=	93	%	EPA 200.8	-88	-88	70	130	
2021/22-4	ME-SCR	matrix spike dup	5/27/2022	Metal	Copper	Total	=	47.4	µg/L	EPA 200.8	0.23	0.5			
2021/22-4	ME-SCR	matrix spike dup, rec	5/27/2022	Metal	Copper	Total	=	93	%	EPA 200.8	-88	-88	70	130	
2021/22-4	ME-SCR	matrix spike, RPD	5/27/2022	Metal	Copper	Total	=	0.7	%	EPA 200.8	-88	-88	0	30	
2021/22-4	MO-FIL	matrix spike	5/27/2022	Metal	Copper	Total	=	54.1	µg/L	EPA 200.8	0.23	0.5			
2021/22-4	MO-FIL	matrix spike, rec	5/27/2022	Metal	Copper	Total	=	97	%	EPA 200.8	-88	-88	70	130	
2021/22-4	MO-FIL	matrix spike dup	5/27/2022	Metal	Copper	Total	=	53.2	µg/L	EPA 200.8	0.23	0.5			
2021/22-4	MO-FIL	matrix spike dup, rec	5/27/2022	Metal	Copper	Total	=	95	%	EPA 200.8	-88	-88	70	130	
2021/22-4	MO-FIL	matrix spike, RPD	5/27/2022	Metal	Copper	Total	=	2	%	EPA 200.8	-88	-88	0	30	
2021/22-4	MO-OJA	matrix spike	5/17/2022	Metal	Copper	Total	=	44.8	µg/L	EPA 200.8	0.23	0.5			
2021/22-4	MO-OJA	matrix spike, rec	5/17/2022	Metal	Copper	Total	=	87	%	EPA 200.8	-88	-88	70	130	
2021/22-4	MO-OJA	matrix spike dup	5/17/2022	Metal	Copper	Total	=	45.2	µg/L	EPA 200.8	0.23	0.5			
2021/22-4	MO-OJA	matrix spike dup, rec	5/17/2022	Metal	Copper	Total	=	88	%	EPA 200.8	-88	-88	70	130	
2021/22-4	MO-OJA	matrix spike, RPD	5/17/2022	Metal	Copper	Total	=	0.9	%	EPA 200.8	-88	-88	0	30	
2021/22-4	Lab	method blank	5/17/2022	Metal	Iron	Dissolved	<	3.9	µg/L	EPA 200.8	3.9	20			
2021/22-4	Lab	LCS	5/17/2022	Metal	Iron	Dissolved	=	1050	µg/L	EPA 200.8	3.9	20			
2021/22-4	Lab	LCS, rec	5/17/2022	Metal	Iron	Dissolved	=	100	%	EPA 200.8	-88	-88	85	115	
2021/22-4	Lab	method blank	5/27/2022	Metal	Iron	Dissolved	<	3.9	µg/L	EPA 200.8	3.9	20			
2021/22-4	Lab	LCS	5/27/2022	Metal	Iron	Dissolved	=	1070	µg/L	EPA 200.8	3.9	20			
2021/22-4	Lab	LCS, rec	5/27/2022	Metal	Iron	Dissolved	=	102	%	EPA 200.8	-88	-88	85	115	
2021/22-4	Lab	method blank	5/31/2022	Metal	Iron	Dissolved	<	3.9	µg/L	EPA 200.8	3.9	20			
2021/22-4	Lab	LCS	5/31/2022	Metal	Iron	Dissolved	=	1100	µg/L	EPA 200.8	3.9	20			
2021/22-4	Lab	LCS, rec	5/31/2022	Metal	Iron	Dissolved	=	105	%	EPA 200.8	-88	-88	85	115	
2021/22-4	Lab	method blank	5/17/2022	Metal	Iron	Total	<	3.9	µg/L	EPA 200.8	3.9	20			
2021/22-4	Lab	LCS	5/17/2022	Metal	Iron	Total	=	1050	µg/L	EPA 200.8	3.9	20			
2021/22-4	Lab	LCS, rec	5/17/2022	Metal	Iron	Total	=	100	%	EPA 200.8	-88	-88	85	115	
2021/22-4	Lab	method blank	5/27/2022	Metal	Iron	Total	<	3.9	µg/L	EPA 200.8	3.9	20			
2021/22-4	Lab	LCS	5/27/2022	Metal	Iron	Total	=	1070	µg/L	EPA 200.8	3.9	20			
2021/22-4	Lab	LCS, rec	5/27/2022	Metal	Iron	Total	=	102	%	EPA 200.8	-88	-88	85	115	
2021/22-4	Lab	method blank	5/31/2022	Metal	Iron	Total	<	3.9	µg/L	EPA 200.8	3.9	20			
2021/22-4	Lab	LCS	5/31/2022	Metal	Iron	Total	=	1100	µg/L	EPA 200.8	3.9	20			
2021/22-4	Lab	LCS, rec	5/31/2022	Metal	Iron	Total	=	105	%	EPA 200.8	-88	-88	85	115	
2021/22-4	ME-CC	matrix spike	5/31/2022	Metal	Iron	Total	=	1310	µg/L	EPA 200.8	3.9	20			
2021/22-4	ME-CC	matrix spike, rec	5/31/2022	Metal	Iron	Total	=	101	%	EPA 200.8	-88	-88	70	130	
2021/22-4	ME-CC	matrix spike dup	5/31/2022	Metal	Iron	Total	=	1300	µg/L	EPA 200.8	3.9	20			
2021/22-4	ME-CC	matrix spike dup, rec	5/31/2022	Metal	Iron	Total	=	99	%	EPA 200.8	-88	-88	70	130	
2021/22-4	ME-CC	matrix spike, RPD	5/31/2022	Metal	Iron	Total	=	0.9	%	EPA 200.8	-88	-88	0	30	
2021/22-4	ME-SCR	matrix spike	5/27/2022	Metal	Iron	Total	=	1120	µg/L	EPA 200.8	3.9	20			
2021/22-4	ME-SCR	matrix spike, rec	5/27/2022	Metal	Iron	Total	=	102	%	EPA 200.8	-88	-88	70	130	
2021/22-4	ME-SCR	matrix spike dup	5/27/2022	Metal	Iron	Total	=	1100	µg/L	EPA 200.8	3.9	20			
2021/22-4	ME-SCR	matrix spike dup, rec	5/27/2022	Metal	Iron	Total	=	100	%	EPA 200.8	-88	-88	70	130	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2021/22-4	ME-SCR	matrix spike, RPD	5/27/2022	Metal	Iron	Total	=	2	%	EPA 200.8	-88	-88	0	30	
2021/22-4	MO-FIL	matrix spike	5/27/2022	Metal	Iron	Total	=	1080	µg/L	EPA 200.8	3.9	20			
2021/22-4	MO-FIL	matrix spike, rec	5/27/2022	Metal	Iron	Total	=	100	%	EPA 200.8	-88	-88	70	130	
2021/22-4	MO-FIL	matrix spike dup	5/27/2022	Metal	Iron	Total	=	1060	µg/L	EPA 200.8	3.9	20			
2021/22-4	MO-FIL	matrix spike dup, rec	5/27/2022	Metal	Iron	Total	=	98	%	EPA 200.8	-88	-88	70	130	
2021/22-4	MO-FIL	matrix spike, RPD	5/27/2022	Metal	Iron	Total	=	2	%	EPA 200.8	-88	-88	0	30	
2021/22-4	MO-OJA	matrix spike	5/17/2022	Metal	Iron	Total	=	1020	µg/L	EPA 200.8	3.9	20			
2021/22-4	MO-OJA	matrix spike, rec	5/17/2022	Metal	Iron	Total	=	96	%	EPA 200.8	-88	-88	70	130	
2021/22-4	MO-OJA	matrix spike dup	5/17/2022	Metal	Iron	Total	=	1010	µg/L	EPA 200.8	3.9	20			
2021/22-4	MO-OJA	matrix spike dup, rec	5/17/2022	Metal	Iron	Total	=	96	%	EPA 200.8	-88	-88	70	130	
2021/22-4	MO-OJA	matrix spike, RPD	5/17/2022	Metal	Iron	Total	=	0.2	%	EPA 200.8	-88	-88	0	30	
2021/22-4	Lab	method blank	5/17/2022	Metal	Lead	Dissolved	<	0.083	µg/L	EPA 200.8	0.083	0.2			
2021/22-4	Lab	LCS	5/17/2022	Metal	Lead	Dissolved	=	48.4	µg/L	EPA 200.8	0.083	0.2			
2021/22-4	Lab	LCS, rec	5/17/2022	Metal	Lead	Dissolved	=	97	%	EPA 200.8	-88	-88	85	115	
2021/22-4	Lab	method blank	5/27/2022	Metal	Lead	Dissolved	<	0.083	µg/L	EPA 200.8	0.083	0.2			
2021/22-4	Lab	LCS	5/27/2022	Metal	Lead	Dissolved	=	48.6	µg/L	EPA 200.8	0.083	0.2			
2021/22-4	Lab	LCS, rec	5/27/2022	Metal	Lead	Dissolved	=	97	%	EPA 200.8	-88	-88	85	115	
2021/22-4	Lab	method blank	5/31/2022	Metal	Lead	Dissolved	<	0.083	µg/L	EPA 200.8	0.083	0.2			
2021/22-4	Lab	LCS	5/31/2022	Metal	Lead	Dissolved	=	48.1	µg/L	EPA 200.8	0.083	0.2			
2021/22-4	Lab	LCS, rec	5/31/2022	Metal	Lead	Dissolved	=	96	%	EPA 200.8	-88	-88	85	115	
2021/22-4	Lab	method blank	5/17/2022	Metal	Lead	Total	<	0.083	µg/L	EPA 200.8	0.083	0.2			
2021/22-4	Lab	LCS	5/17/2022	Metal	Lead	Total	=	48.4	µg/L	EPA 200.8	0.083	0.2			
2021/22-4	Lab	LCS, rec	5/17/2022	Metal	Lead	Total	=	97	%	EPA 200.8	-88	-88	85	115	
2021/22-4	Lab	method blank	5/27/2022	Metal	Lead	Total	<	0.083	µg/L	EPA 200.8	0.083	0.2			
2021/22-4	Lab	LCS	5/27/2022	Metal	Lead	Total	=	48.6	µg/L	EPA 200.8	0.083	0.2			
2021/22-4	Lab	LCS, rec	5/27/2022	Metal	Lead	Total	=	97	%	EPA 200.8	-88	-88	85	115	
2021/22-4	Lab	method blank	5/31/2022	Metal	Lead	Total	<	0.083	µg/L	EPA 200.8	0.083	0.2			
2021/22-4	Lab	LCS	5/31/2022	Metal	Lead	Total	=	48.1	µg/L	EPA 200.8	0.083	0.2			
2021/22-4	Lab	LCS, rec	5/31/2022	Metal	Lead	Total	=	96	%	EPA 200.8	-88	-88	85	115	
2021/22-4	ME-CC	matrix spike	5/31/2022	Metal	Lead	Total	=	49.3	µg/L	EPA 200.8	0.083	0.2			
2021/22-4	ME-CC	matrix spike, rec	5/31/2022	Metal	Lead	Total	=	98	%	EPA 200.8	-88	-88	70	130	
2021/22-4	ME-CC	matrix spike dup	5/31/2022	Metal	Lead	Total	=	49.8	µg/L	EPA 200.8	0.083	0.2			
2021/22-4	ME-CC	matrix spike dup, rec	5/31/2022	Metal	Lead	Total	=	99	%	EPA 200.8	-88	-88	70	130	
2021/22-4	ME-CC	matrix spike, RPD	5/31/2022	Metal	Lead	Total	=	0.9	%	EPA 200.8	-88	-88	0	30	
2021/22-4	ME-SCR	matrix spike	5/27/2022	Metal	Lead	Total	=	49.7	µg/L	EPA 200.8	0.083	0.2			
2021/22-4	ME-SCR	matrix spike, rec	5/27/2022	Metal	Lead	Total	=	99	%	EPA 200.8	-88	-88	70	130	
2021/22-4	ME-SCR	matrix spike dup	5/27/2022	Metal	Lead	Total	=	50.6	µg/L	EPA 200.8	0.083	0.2			
2021/22-4	ME-SCR	matrix spike dup, rec	5/27/2022	Metal	Lead	Total	=	101	%	EPA 200.8	-88	-88	70	130	
2021/22-4	ME-SCR	matrix spike, RPD	5/27/2022	Metal	Lead	Total	=	2	%	EPA 200.8	-88	-88	0	30	
2021/22-4	MO-FIL	matrix spike	5/27/2022	Metal	Lead	Total	=	50.2	µg/L	EPA 200.8	0.083	0.2			
2021/22-4	MO-FIL	matrix spike, rec	5/27/2022	Metal	Lead	Total	=	100	%	EPA 200.8	-88	-88	70	130	
2021/22-4	MO-FIL	matrix spike dup	5/27/2022	Metal	Lead	Total	=	48.9	µg/L	EPA 200.8	0.083	0.2			
2021/22-4	MO-FIL	matrix spike dup, rec	5/27/2022	Metal	Lead	Total	=	98	%	EPA 200.8	-88	-88	70	130	
2021/22-4	MO-FIL	matrix spike, RPD	5/27/2022	Metal	Lead	Total	=	3	%	EPA 200.8	-88	-88	0	30	
2021/22-4	MO-OJA	matrix spike	5/17/2022	Metal	Lead	Total	=	49.5	µg/L	EPA 200.8	0.083	0.2			
2021/22-4	MO-OJA	matrix spike, rec	5/17/2022	Metal	Lead	Total	=	99	%	EPA 200.8	-88	-88	70	130	
2021/22-4	MO-OJA	matrix spike dup	5/17/2022	Metal	Lead	Total	=	49	µg/L	EPA 200.8	0.083	0.2			

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2021/22-4	MO-OJA	matrix spike dup, rec	5/17/2022	Metal	Lead	Total	=	98	%	EPA 200.8	-88	-88	70	130	
2021/22-4	MO-OJA	matrix spike, RPD	5/17/2022	Metal	Lead	Total	=	1	%	EPA 200.8	-88	-88	0	30	
2021/22-4	000NONPJ	matrix spike	5/13/2022	Metal	Mercury	Dissolved	=	891	ng/L	EPA 245.1	37	50			
2021/22-4	000NONPJ	matrix spike, rec	5/13/2022	Metal	Mercury	Dissolved	=	89	%	EPA 245.1	-88	-88	70	130	
2021/22-4	000NONPJ	matrix spike dup	5/13/2022	Metal	Mercury	Dissolved	=	951	ng/L	EPA 245.1	37	50			
2021/22-4	000NONPJ	matrix spike dup, rec	5/13/2022	Metal	Mercury	Dissolved	=	95	%	EPA 245.1	-88	-88	70	130	
2021/22-4	000NONPJ	matrix spike, RPD	5/13/2022	Metal	Mercury	Dissolved	=	6	%	EPA 245.1	-88	-88	0	20	
2021/22-4	000NONPJ	matrix spike	5/27/2022	Metal	Mercury	Dissolved	=	928	ng/L	EPA 245.1	37	50			
2021/22-4	000NONPJ	matrix spike, rec	5/27/2022	Metal	Mercury	Dissolved	=	93	%	EPA 245.1	-88	-88	70	130	
2021/22-4	000NONPJ	matrix spike dup	5/27/2022	Metal	Mercury	Dissolved	=	893	ng/L	EPA 245.1	37	50			
2021/22-4	000NONPJ	matrix spike dup, rec	5/27/2022	Metal	Mercury	Dissolved	=	89	%	EPA 245.1	-88	-88	70	130	
2021/22-4	000NONPJ	matrix spike, RPD	5/27/2022	Metal	Mercury	Dissolved	=	4	%	EPA 245.1	-88	-88	0	20	
2021/22-4	000NONPJ	matrix spike	5/27/2022	Metal	Mercury	Dissolved	=	894	ng/L	EPA 245.1	37	50			
2021/22-4	000NONPJ	matrix spike, rec	5/27/2022	Metal	Mercury	Dissolved	=	89	%	EPA 245.1	-88	-88	70	130	
2021/22-4	000NONPJ	matrix spike dup	5/27/2022	Metal	Mercury	Dissolved	=	910	ng/L	EPA 245.1	37	50			
2021/22-4	000NONPJ	matrix spike dup, rec	5/27/2022	Metal	Mercury	Dissolved	=	91	%	EPA 245.1	-88	-88	70	130	
2021/22-4	000NONPJ	matrix spike, RPD	5/27/2022	Metal	Mercury	Dissolved	=	2	%	EPA 245.1	-88	-88	0	20	
2021/22-4	000NONPJ	matrix spike	5/27/2022	Metal	Mercury	Dissolved	=	873	ng/L	EPA 245.1	37	50			
2021/22-4	000NONPJ	matrix spike, rec	5/27/2022	Metal	Mercury	Dissolved	=	87	%	EPA 245.1	-88	-88	70	130	
2021/22-4	000NONPJ	matrix spike dup	5/27/2022	Metal	Mercury	Dissolved	=	905	ng/L	EPA 245.1	37	50			
2021/22-4	000NONPJ	matrix spike dup, rec	5/27/2022	Metal	Mercury	Dissolved	=	90	%	EPA 245.1	-88	-88	70	130	
2021/22-4	000NONPJ	matrix spike, RPD	5/27/2022	Metal	Mercury	Dissolved	=	4	%	EPA 245.1	-88	-88	0	20	
2021/22-4	000NONPJ	matrix spike	5/27/2022	Metal	Mercury	Dissolved	=	875	ng/L	EPA 245.1	37	50			
2021/22-4	000NONPJ	matrix spike, rec	5/27/2022	Metal	Mercury	Dissolved	=	88	%	EPA 245.1	-88	-88	70	130	
2021/22-4	000NONPJ	matrix spike dup	5/27/2022	Metal	Mercury	Dissolved	=	885	ng/L	EPA 245.1	37	50			
2021/22-4	000NONPJ	matrix spike dup, rec	5/27/2022	Metal	Mercury	Dissolved	=	88	%	EPA 245.1	-88	-88	70	130	
2021/22-4	000NONPJ	matrix spike, RPD	5/27/2022	Metal	Mercury	Dissolved	=	1	%	EPA 245.1	-88	-88	0	20	
2021/22-4	Lab	method blank	5/13/2022	Metal	Mercury	Dissolved	<	37	ng/L	EPA 245.1	37	50			
2021/22-4	Lab	LCS	5/13/2022	Metal	Mercury	Dissolved	=	1100	ng/L	EPA 245.1	37	50			
2021/22-4	Lab	LCS, rec	5/13/2022	Metal	Mercury	Dissolved	=	110	%	EPA 245.1	-88	-88	85	115	
2021/22-4	Lab	method blank	5/27/2022	Metal	Mercury	Dissolved	<	37	ng/L	EPA 245.1	37	50			
2021/22-4	Lab	LCS	5/27/2022	Metal	Mercury	Dissolved	=	897	ng/L	EPA 245.1	37	50			
2021/22-4	Lab	LCS, rec	5/27/2022	Metal	Mercury	Dissolved	=	90	%	EPA 245.1	-88	-88	85	115	
2021/22-4	Lab	method blank	5/27/2022	Metal	Mercury	Dissolved	<	37	ng/L	EPA 245.1	37	50			
2021/22-4	Lab	LCS	5/27/2022	Metal	Mercury	Dissolved	=	914	ng/L	EPA 245.1	37	50			
2021/22-4	Lab	LCS, rec	5/27/2022	Metal	Mercury	Dissolved	=	91	%	EPA 245.1	-88	-88	85	115	
2021/22-4	ME-VR2	matrix spike	5/13/2022	Metal	Mercury	Dissolved	=	1110	ng/L	EPA 245.1	37	50			
2021/22-4	ME-VR2	matrix spike, rec	5/13/2022	Metal	Mercury	Dissolved	=	111	%	EPA 245.1	-88	-88	70	130	
2021/22-4	ME-VR2	matrix spike dup	5/13/2022	Metal	Mercury	Dissolved	=	1120	ng/L	EPA 245.1	37	50			
2021/22-4	ME-VR2	matrix spike dup, rec	5/13/2022	Metal	Mercury	Dissolved	=	112	%	EPA 245.1	-88	-88	70	130	
2021/22-4	ME-VR2	matrix spike, RPD	5/13/2022	Metal	Mercury	Dissolved	=	0.2	%	EPA 245.1	-88	-88	0	20	
2021/22-4	000NONPJ	matrix spike	5/13/2022	Metal	Mercury	Total	=	891	ng/L	EPA 245.1	37	50			
2021/22-4	000NONPJ	matrix spike, rec	5/13/2022	Metal	Mercury	Total	=	89	%	EPA 245.1	-88	-88	70	130	
2021/22-4	000NONPJ	matrix spike dup	5/13/2022	Metal	Mercury	Total	=	951	ng/L	EPA 245.1	37	50			
2021/22-4	000NONPJ	matrix spike dup, rec	5/13/2022	Metal	Mercury	Total	=	95	%	EPA 245.1	-88	-88	70	130	
2021/22-4	000NONPJ	matrix spike, RPD	5/13/2022	Metal	Mercury	Total	=	6	%	EPA 245.1	-88	-88	0	20	
2021/22-4	000NONPJ	matrix spike	5/27/2022	Metal	Mercury	Total	=	928	ng/L	EPA 245.1	37	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	
2021/22-4	000NONPJ	matrix spike, rec	5/27/2022	Metal	Mercury	Total	=	93	%	EPA 245.1	-88	-88	70	130	
2021/22-4	000NONPJ	matrix spike dup	5/27/2022	Metal	Mercury	Total	=	893	ng/L	EPA 245.1	37	50			
2021/22-4	000NONPJ	matrix spike dup, rec	5/27/2022	Metal	Mercury	Total	=	89	%	EPA 245.1	-88	-88	70	130	
2021/22-4	000NONPJ	matrix spike, RPD	5/27/2022	Metal	Mercury	Total	=	4	%	EPA 245.1	-88	-88	0	20	
2021/22-4	000NONPJ	matrix spike	5/27/2022	Metal	Mercury	Total	=	894	ng/L	EPA 245.1	37	50			
2021/22-4	000NONPJ	matrix spike, rec	5/27/2022	Metal	Mercury	Total	=	89	%	EPA 245.1	-88	-88	70	130	
2021/22-4	000NONPJ	matrix spike dup	5/27/2022	Metal	Mercury	Total	=	910	ng/L	EPA 245.1	37	50			
2021/22-4	000NONPJ	matrix spike dup, rec	5/27/2022	Metal	Mercury	Total	=	91	%	EPA 245.1	-88	-88	70	130	
2021/22-4	000NONPJ	matrix spike, RPD	5/27/2022	Metal	Mercury	Total	=	2	%	EPA 245.1	-88	-88	0	20	
2021/22-4	000NONPJ	matrix spike	5/27/2022	Metal	Mercury	Total	=	873	ng/L	EPA 245.1	37	50			
2021/22-4	000NONPJ	matrix spike, rec	5/27/2022	Metal	Mercury	Total	=	87	%	EPA 245.1	-88	-88	70	130	
2021/22-4	000NONPJ	matrix spike dup	5/27/2022	Metal	Mercury	Total	=	905	ng/L	EPA 245.1	37	50			
2021/22-4	000NONPJ	matrix spike dup, rec	5/27/2022	Metal	Mercury	Total	=	90	%	EPA 245.1	-88	-88	70	130	
2021/22-4	000NONPJ	matrix spike, RPD	5/27/2022	Metal	Mercury	Total	=	4	%	EPA 245.1	-88	-88	0	20	
2021/22-4	000NONPJ	matrix spike	5/27/2022	Metal	Mercury	Total	=	875	ng/L	EPA 245.1	37	50			
2021/22-4	000NONPJ	matrix spike, rec	5/27/2022	Metal	Mercury	Total	=	88	%	EPA 245.1	-88	-88	70	130	
2021/22-4	000NONPJ	matrix spike dup	5/27/2022	Metal	Mercury	Total	=	885	ng/L	EPA 245.1	37	50			
2021/22-4	000NONPJ	matrix spike dup, rec	5/27/2022	Metal	Mercury	Total	=	88	%	EPA 245.1	-88	-88	70	130	
2021/22-4	000NONPJ	matrix spike, RPD	5/27/2022	Metal	Mercury	Total	=	1	%	EPA 245.1	-88	-88	0	20	
2021/22-4	Lab	method blank	5/13/2022	Metal	Mercury	Total	<	37	ng/L	EPA 245.1	37	50			
2021/22-4	Lab	LCS	5/13/2022	Metal	Mercury	Total	=	1100	ng/L	EPA 245.1	37	50			
2021/22-4	Lab	LCS, rec	5/13/2022	Metal	Mercury	Total	=	110	%	EPA 245.1	-88	-88	85	115	
2021/22-4	Lab	method blank	5/27/2022	Metal	Mercury	Total	<	37	ng/L	EPA 245.1	37	50			
2021/22-4	Lab	LCS	5/27/2022	Metal	Mercury	Total	=	897	ng/L	EPA 245.1	37	50			
2021/22-4	Lab	LCS, rec	5/27/2022	Metal	Mercury	Total	=	90	%	EPA 245.1	-88	-88	85	115	
2021/22-4	Lab	method blank	5/27/2022	Metal	Mercury	Total	<	37	ng/L	EPA 245.1	37	50			
2021/22-4	Lab	LCS	5/27/2022	Metal	Mercury	Total	=	914	ng/L	EPA 245.1	37	50			
2021/22-4	Lab	LCS, rec	5/27/2022	Metal	Mercury	Total	=	91	%	EPA 245.1	-88	-88	85	115	
2021/22-4	ME-VR2	matrix spike	5/13/2022	Metal	Mercury	Total	=	1110	ng/L	EPA 245.1	37	50			
2021/22-4	ME-VR2	matrix spike, rec	5/13/2022	Metal	Mercury	Total	=	111	%	EPA 245.1	-88	-88	70	130	
2021/22-4	ME-VR2	matrix spike dup	5/13/2022	Metal	Mercury	Total	=	1120	ng/L	EPA 245.1	37	50			
2021/22-4	ME-VR2	matrix spike dup, rec	5/13/2022	Metal	Mercury	Total	=	112	%	EPA 245.1	-88	-88	70	130	
2021/22-4	ME-VR2	matrix spike, RPD	5/13/2022	Metal	Mercury	Total	=	0.2	%	EPA 245.1	-88	-88	0	20	
2021/22-4	Lab	method blank	5/17/2022	Metal	Nickel	Dissolved	<	0.16	µg/L	EPA 200.8	0.16	2			
2021/22-4	Lab	LCS	5/17/2022	Metal	Nickel	Dissolved	=	49.8	µg/L	EPA 200.8	0.16	2			
2021/22-4	Lab	LCS, rec	5/17/2022	Metal	Nickel	Dissolved	=	100	%	EPA 200.8	-88	-88	85	115	
2021/22-4	Lab	method blank	5/27/2022	Metal	Nickel	Dissolved	<	0.16	µg/L	EPA 200.8	0.16	2			
2021/22-4	Lab	LCS	5/27/2022	Metal	Nickel	Dissolved	=	50	µg/L	EPA 200.8	0.16	2			
2021/22-4	Lab	LCS, rec	5/27/2022	Metal	Nickel	Dissolved	=	100	%	EPA 200.8	-88	-88	85	115	
2021/22-4	Lab	method blank	5/31/2022	Metal	Nickel	Dissolved	<	0.16	µg/L	EPA 200.8	0.16	2			
2021/22-4	Lab	LCS	5/31/2022	Metal	Nickel	Dissolved	=	49.6	µg/L	EPA 200.8	0.16	2			
2021/22-4	Lab	LCS, rec	5/31/2022	Metal	Nickel	Dissolved	=	99	%	EPA 200.8	-88	-88	85	115	
2021/22-4	Lab	method blank	5/17/2022	Metal	Nickel	Total	<	0.16	µg/L	EPA 200.8	0.16	2			
2021/22-4	Lab	LCS	5/17/2022	Metal	Nickel	Total	=	49.8	µg/L	EPA 200.8	0.16	2			
2021/22-4	Lab	LCS, rec	5/17/2022	Metal	Nickel	Total	=	100	%	EPA 200.8	-88	-88	85	115	
2021/22-4	Lab	method blank	5/27/2022	Metal	Nickel	Total	<	0.16	µg/L	EPA 200.8	0.16	2			
2021/22-4	Lab	LCS	5/27/2022	Metal	Nickel	Total	=	50	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	
2021/22-4	Lab	LCS, rec	5/27/2022	Metal	Nickel	Total	=	100	%	EPA 200.8	-88	-88	85	115	
2021/22-4	Lab	method blank	5/31/2022	Metal	Nickel	Total	<	0.16	µg/L	EPA 200.8	0.16	2			
2021/22-4	Lab	LCS	5/31/2022	Metal	Nickel	Total	=	49.6	µg/L	EPA 200.8	0.16	2			
2021/22-4	Lab	LCS, rec	5/31/2022	Metal	Nickel	Total	=	99	%	EPA 200.8	-88	-88	85	115	
2021/22-4	ME-CC	matrix spike	5/31/2022	Metal	Nickel	Total	=	53.9	µg/L	EPA 200.8	0.16	2			
2021/22-4	ME-CC	matrix spike, rec	5/31/2022	Metal	Nickel	Total	=	94	%	EPA 200.8	-88	-88	70	130	
2021/22-4	ME-CC	matrix spike dup	5/31/2022	Metal	Nickel	Total	=	53.8	µg/L	EPA 200.8	0.16	2			
2021/22-4	ME-CC	matrix spike dup, rec	5/31/2022	Metal	Nickel	Total	=	93	%	EPA 200.8	-88	-88	70	130	
2021/22-4	ME-CC	matrix spike, RPD	5/31/2022	Metal	Nickel	Total	=	0.2	%	EPA 200.8	-88	-88	0	30	
2021/22-4	ME-SCR	matrix spike	5/27/2022	Metal	Nickel	Total	=	48.6	µg/L	EPA 200.8	0.16	2			
2021/22-4	ME-SCR	matrix spike, rec	5/27/2022	Metal	Nickel	Total	=	93	%	EPA 200.8	-88	-88	70	130	
2021/22-4	ME-SCR	matrix spike dup	5/27/2022	Metal	Nickel	Total	=	49	µg/L	EPA 200.8	0.16	2			
2021/22-4	ME-SCR	matrix spike dup, rec	5/27/2022	Metal	Nickel	Total	=	94	%	EPA 200.8	-88	-88	70	130	
2021/22-4	ME-SCR	matrix spike, RPD	5/27/2022	Metal	Nickel	Total	=	0.8	%	EPA 200.8	-88	-88	0	30	
2021/22-4	MO-FIL	matrix spike	5/27/2022	Metal	Nickel	Total	=	49.6	µg/L	EPA 200.8	0.16	2			
2021/22-4	MO-FIL	matrix spike, rec	5/27/2022	Metal	Nickel	Total	=	97	%	EPA 200.8	-88	-88	70	130	
2021/22-4	MO-FIL	matrix spike dup	5/27/2022	Metal	Nickel	Total	=	48.9	µg/L	EPA 200.8	0.16	2			
2021/22-4	MO-FIL	matrix spike dup, rec	5/27/2022	Metal	Nickel	Total	=	96	%	EPA 200.8	-88	-88	70	130	
2021/22-4	MO-FIL	matrix spike, RPD	5/27/2022	Metal	Nickel	Total	=	1	%	EPA 200.8	-88	-88	0	30	
2021/22-4	MO-OJA	matrix spike	5/17/2022	Metal	Nickel	Total	=	44.6	µg/L	EPA 200.8	0.16	2			
2021/22-4	MO-OJA	matrix spike, rec	5/17/2022	Metal	Nickel	Total	=	88	%	EPA 200.8	-88	-88	70	130	
2021/22-4	MO-OJA	matrix spike dup	5/17/2022	Metal	Nickel	Total	=	44.8	µg/L	EPA 200.8	0.16	2			
2021/22-4	MO-OJA	matrix spike dup, rec	5/17/2022	Metal	Nickel	Total	=	88	%	EPA 200.8	-88	-88	70	130	
2021/22-4	MO-OJA	matrix spike, RPD	5/17/2022	Metal	Nickel	Total	=	0.4	%	EPA 200.8	-88	-88	0	30	
2021/22-4	Lab	method blank	5/17/2022	Metal	Selenium	Dissolved	<	0.067	µg/L	EPA 200.8	0.067	0.4			
2021/22-4	Lab	LCS	5/17/2022	Metal	Selenium	Dissolved	=	46.8	µg/L	EPA 200.8	0.067	0.4			
2021/22-4	Lab	LCS, rec	5/17/2022	Metal	Selenium	Dissolved	=	94	%	EPA 200.8	-88	-88	85	115	
2021/22-4	Lab	method blank	5/27/2022	Metal	Selenium	Dissolved	<	0.067	µg/L	EPA 200.8	0.067	0.4			
2021/22-4	Lab	LCS	5/27/2022	Metal	Selenium	Dissolved	=	48.5	µg/L	EPA 200.8	0.067	0.4			
2021/22-4	Lab	LCS, rec	5/27/2022	Metal	Selenium	Dissolved	=	97	%	EPA 200.8	-88	-88	85	115	
2021/22-4	Lab	method blank	5/31/2022	Metal	Selenium	Dissolved	<	0.067	µg/L	EPA 200.8	0.067	0.4			
2021/22-4	Lab	LCS	5/31/2022	Metal	Selenium	Dissolved	=	48.4	µg/L	EPA 200.8	0.067	0.4			
2021/22-4	Lab	LCS, rec	5/31/2022	Metal	Selenium	Dissolved	=	97	%	EPA 200.8	-88	-88	85	115	
2021/22-4	Lab	method blank	5/17/2022	Metal	Selenium	Total	<	0.067	µg/L	EPA 200.8	0.067	0.4			
2021/22-4	Lab	LCS	5/17/2022	Metal	Selenium	Total	=	46.8	µg/L	EPA 200.8	0.067	0.4			
2021/22-4	Lab	LCS, rec	5/17/2022	Metal	Selenium	Total	=	94	%	EPA 200.8	-88	-88	85	115	
2021/22-4	Lab	method blank	5/27/2022	Metal	Selenium	Total	<	0.067	µg/L	EPA 200.8	0.067	0.4			
2021/22-4	Lab	LCS	5/27/2022	Metal	Selenium	Total	=	48.5	µg/L	EPA 200.8	0.067	0.4			
2021/22-4	Lab	LCS, rec	5/27/2022	Metal	Selenium	Total	=	97	%	EPA 200.8	-88	-88	85	115	
2021/22-4	Lab	method blank	5/31/2022	Metal	Selenium	Total	<	0.067	µg/L	EPA 200.8	0.067	0.4			
2021/22-4	Lab	LCS	5/31/2022	Metal	Selenium	Total	=	48.4	µg/L	EPA 200.8	0.067	0.4			
2021/22-4	Lab	LCS, rec	5/31/2022	Metal	Selenium	Total	=	97	%	EPA 200.8	-88	-88	85	115	
2021/22-4	ME-CC	matrix spike	5/31/2022	Metal	Selenium	Total	=	47.9	µg/L	EPA 200.8	0.067	0.4			
2021/22-4	ME-CC	matrix spike, rec	5/31/2022	Metal	Selenium	Total	=	94	%	EPA 200.8	-88	-88	70	130	
2021/22-4	ME-CC	matrix spike dup	5/31/2022	Metal	Selenium	Total	=	47.9	µg/L	EPA 200.8	0.067	0.4			
2021/22-4	ME-CC	matrix spike dup, rec	5/31/2022	Metal	Selenium	Total	=	94	%	EPA 200.8	-88	-88	70	130	
2021/22-4	ME-CC	matrix spike, RPD	5/31/2022	Metal	Selenium	Total	=	0.1	%	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	
2021/22-4	ME-SCR	matrix spike	5/27/2022	Metal	Selenium	Total	=	50.6	µg/L	EPA 200.8	0.067	0.4			
2021/22-4	ME-SCR	matrix spike, rec	5/27/2022	Metal	Selenium	Total	=	93	%	EPA 200.8	-88	-88	70	130	
2021/22-4	ME-SCR	matrix spike dup	5/27/2022	Metal	Selenium	Total	=	50.5	µg/L	EPA 200.8	0.067	0.4			
2021/22-4	ME-SCR	matrix spike dup, rec	5/27/2022	Metal	Selenium	Total	=	93	%	EPA 200.8	-88	-88	70	130	
2021/22-4	ME-SCR	matrix spike, RPD	5/27/2022	Metal	Selenium	Total	=	0.2	%	EPA 200.8	-88	-88	0	30	
2021/22-4	MO-FIL	matrix spike	5/27/2022	Metal	Selenium	Total	=	53.1	µg/L	EPA 200.8	0.067	0.4			
2021/22-4	MO-FIL	matrix spike, rec	5/27/2022	Metal	Selenium	Total	=	94	%	EPA 200.8	-88	-88	70	130	
2021/22-4	MO-FIL	matrix spike dup	5/27/2022	Metal	Selenium	Total	=	52	µg/L	EPA 200.8	0.067	0.4			
2021/22-4	MO-FIL	matrix spike dup, rec	5/27/2022	Metal	Selenium	Total	=	92	%	EPA 200.8	-88	-88	70	130	
2021/22-4	MO-FIL	matrix spike, RPD	5/27/2022	Metal	Selenium	Total	=	2	%	EPA 200.8	-88	-88	0	30	
2021/22-4	MO-OJA	matrix spike	5/17/2022	Metal	Selenium	Total	=	52	µg/L	EPA 200.8	0.067	0.4			
2021/22-4	MO-OJA	matrix spike, rec	5/17/2022	Metal	Selenium	Total	=	91	%	EPA 200.8	-88	-88	70	130	
2021/22-4	MO-OJA	matrix spike dup	5/17/2022	Metal	Selenium	Total	=	51.9	µg/L	EPA 200.8	0.067	0.4			
2021/22-4	MO-OJA	matrix spike dup, rec	5/17/2022	Metal	Selenium	Total	=	91	%	EPA 200.8	-88	-88	70	130	
2021/22-4	MO-OJA	matrix spike, RPD	5/17/2022	Metal	Selenium	Total	=	0.07	%	EPA 200.8	-88	-88	0	30	
2021/22-4	Lab	method blank	5/17/2022	Metal	Silver	Dissolved	<	0.03	µg/L	EPA 200.8	0.03	0.2			
2021/22-4	Lab	LCS	5/17/2022	Metal	Silver	Dissolved	=	48.3	µg/L	EPA 200.8	0.03	0.2			
2021/22-4	Lab	LCS, rec	5/17/2022	Metal	Silver	Dissolved	=	97	%	EPA 200.8	-88	-88	85	115	
2021/22-4	Lab	method blank	5/27/2022	Metal	Silver	Dissolved	<	0.03	µg/L	EPA 200.8	0.03	0.2			
2021/22-4	Lab	LCS	5/27/2022	Metal	Silver	Dissolved	=	49.7	µg/L	EPA 200.8	0.03	0.2			
2021/22-4	Lab	LCS, rec	5/27/2022	Metal	Silver	Dissolved	=	99	%	EPA 200.8	-88	-88	85	115	
2021/22-4	Lab	method blank	5/31/2022	Metal	Silver	Dissolved	<	0.03	µg/L	EPA 200.8	0.03	0.2			
2021/22-4	Lab	LCS	5/31/2022	Metal	Silver	Dissolved	=	50.2	µg/L	EPA 200.8	0.03	0.2			
2021/22-4	Lab	LCS, rec	5/31/2022	Metal	Silver	Dissolved	=	100	%	EPA 200.8	-88	-88	85	115	
2021/22-4	Lab	method blank	5/17/2022	Metal	Silver	Total	<	0.13	µg/L	EPA 200.8	0.13	0.2			
2021/22-4	Lab	LCS	5/17/2022	Metal	Silver	Total	=	48.3	µg/L	EPA 200.8	0.13	0.2			
2021/22-4	Lab	LCS, rec	5/17/2022	Metal	Silver	Total	=	97	%	EPA 200.8	-88	-88	85	115	
2021/22-4	Lab	method blank	5/27/2022	Metal	Silver	Total	<	0.13	µg/L	EPA 200.8	0.13	0.2			
2021/22-4	Lab	LCS	5/27/2022	Metal	Silver	Total	=	49.7	µg/L	EPA 200.8	0.13	0.2			
2021/22-4	Lab	LCS, rec	5/27/2022	Metal	Silver	Total	=	99	%	EPA 200.8	-88	-88	85	115	
2021/22-4	Lab	method blank	5/31/2022	Metal	Silver	Total	<	0.13	µg/L	EPA 200.8	0.13	0.2			
2021/22-4	Lab	LCS	5/31/2022	Metal	Silver	Total	=	50.2	µg/L	EPA 200.8	0.13	0.2			
2021/22-4	Lab	LCS, rec	5/31/2022	Metal	Silver	Total	=	100	%	EPA 200.8	-88	-88	85	115	
2021/22-4	ME-CC	matrix spike	5/31/2022	Metal	Silver	Total	=	48.8	µg/L	EPA 200.8	0.13	0.2			
2021/22-4	ME-CC	matrix spike, rec	5/31/2022	Metal	Silver	Total	=	98	%	EPA 200.8	-88	-88	70	130	
2021/22-4	ME-CC	matrix spike dup	5/31/2022	Metal	Silver	Total	=	48.8	µg/L	EPA 200.8	0.13	0.2			
2021/22-4	ME-CC	matrix spike dup, rec	5/31/2022	Metal	Silver	Total	=	98	%	EPA 200.8	-88	-88	70	130	
2021/22-4	ME-CC	matrix spike, RPD	5/31/2022	Metal	Silver	Total	=	0.01	%	EPA 200.8	-88	-88	0	30	
2021/22-4	ME-SCR	matrix spike	5/27/2022	Metal	Silver	Total	=	47.9	µg/L	EPA 200.8	0.13	0.2			
2021/22-4	ME-SCR	matrix spike, rec	5/27/2022	Metal	Silver	Total	=	96	%	EPA 200.8	-88	-88	70	130	
2021/22-4	ME-SCR	matrix spike dup	5/27/2022	Metal	Silver	Total	=	48.1	µg/L	EPA 200.8	0.13	0.2			
2021/22-4	ME-SCR	matrix spike dup, rec	5/27/2022	Metal	Silver	Total	=	96	%	EPA 200.8	-88	-88	70	130	
2021/22-4	ME-SCR	matrix spike, RPD	5/27/2022	Metal	Silver	Total	=	0.4	%	EPA 200.8	-88	-88	0	30	
2021/22-4	MO-FIL	matrix spike	5/27/2022	Metal	Silver	Total	=	48.2	µg/L	EPA 200.8	0.13	0.2			
2021/22-4	MO-FIL	matrix spike, rec	5/27/2022	Metal	Silver	Total	=	96	%	EPA 200.8	-88	-88	70	130	
2021/22-4	MO-FIL	matrix spike dup	5/27/2022	Metal	Silver	Total	=	48	µg/L	EPA 200.8	0.13	0.2			
2021/22-4	MO-FIL	matrix spike dup, rec	5/27/2022	Metal	Silver	Total	=	96	%	EPA 200.8	-88	-88	70	130	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2021/22-4	MO-FIL	matrix spike, RPD	5/27/2022	Metal	Silver	Total	=	0.5	%	EPA 200.8	-88	-88	0	30	
2021/22-4	MO-OJA	matrix spike	5/17/2022	Metal	Silver	Total	=	45.4	µg/L	EPA 200.8	0.13	0.2			
2021/22-4	MO-OJA	matrix spike, rec	5/17/2022	Metal	Silver	Total	=	91	%	EPA 200.8	-88	-88	70	130	
2021/22-4	MO-OJA	matrix spike dup	5/17/2022	Metal	Silver	Total	=	45.7	µg/L	EPA 200.8	0.13	0.2			
2021/22-4	MO-OJA	matrix spike dup, rec	5/17/2022	Metal	Silver	Total	=	91	%	EPA 200.8	-88	-88	70	130	
2021/22-4	MO-OJA	matrix spike, RPD	5/17/2022	Metal	Silver	Total	=	0.6	%	EPA 200.8	-88	-88	0	30	
2021/22-4	Lab	method blank	5/17/2022	Metal	Thallium	Dissolved	<	0.021	µg/L	EPA 200.8	0.021	0.2			
2021/22-4	Lab	LCS	5/17/2022	Metal	Thallium	Dissolved	=	47.6	µg/L	EPA 200.8	0.021	0.2			
2021/22-4	Lab	LCS, rec	5/17/2022	Metal	Thallium	Dissolved	=	95	%	EPA 200.8	-88	-88	85	115	
2021/22-4	Lab	method blank	5/27/2022	Metal	Thallium	Dissolved	<	0.021	µg/L	EPA 200.8	0.021	0.2			
2021/22-4	Lab	LCS	5/27/2022	Metal	Thallium	Dissolved	=	48.3	µg/L	EPA 200.8	0.021	0.2			
2021/22-4	Lab	LCS, rec	5/27/2022	Metal	Thallium	Dissolved	=	97	%	EPA 200.8	-88	-88	85	115	
2021/22-4	Lab	method blank	5/31/2022	Metal	Thallium	Dissolved	<	0.021	µg/L	EPA 200.8	0.021	0.2			
2021/22-4	Lab	LCS	5/31/2022	Metal	Thallium	Dissolved	=	47.2	µg/L	EPA 200.8	0.021	0.2			
2021/22-4	Lab	LCS, rec	5/31/2022	Metal	Thallium	Dissolved	=	94	%	EPA 200.8	-88	-88	85	115	
2021/22-4	Lab	method blank	5/17/2022	Metal	Thallium	Total	<	0.021	µg/L	EPA 200.8	0.021	0.2			
2021/22-4	Lab	LCS	5/17/2022	Metal	Thallium	Total	=	47.6	µg/L	EPA 200.8	0.021	0.2			
2021/22-4	Lab	LCS, rec	5/17/2022	Metal	Thallium	Total	=	95	%	EPA 200.8	-88	-88	85	115	
2021/22-4	Lab	method blank	5/27/2022	Metal	Thallium	Total	<	0.021	µg/L	EPA 200.8	0.021	0.2			
2021/22-4	Lab	LCS	5/27/2022	Metal	Thallium	Total	=	48.3	µg/L	EPA 200.8	0.021	0.2			
2021/22-4	Lab	LCS, rec	5/27/2022	Metal	Thallium	Total	=	97	%	EPA 200.8	-88	-88	85	115	
2021/22-4	Lab	method blank	5/31/2022	Metal	Thallium	Total	<	0.021	µg/L	EPA 200.8	0.021	0.2			
2021/22-4	Lab	LCS	5/31/2022	Metal	Thallium	Total	=	47.2	µg/L	EPA 200.8	0.021	0.2			
2021/22-4	Lab	LCS, rec	5/31/2022	Metal	Thallium	Total	=	94	%	EPA 200.8	-88	-88	85	115	
2021/22-4	ME-CC	matrix spike	5/31/2022	Metal	Thallium	Total	=	49.1	µg/L	EPA 200.8	0.021	0.2			
2021/22-4	ME-CC	matrix spike, rec	5/31/2022	Metal	Thallium	Total	=	98	%	EPA 200.8	-88	-88	70	130	
2021/22-4	ME-CC	matrix spike dup	5/31/2022	Metal	Thallium	Total	=	48.9	µg/L	EPA 200.8	0.021	0.2			
2021/22-4	ME-CC	matrix spike dup, rec	5/31/2022	Metal	Thallium	Total	=	98	%	EPA 200.8	-88	-88	70	130	
2021/22-4	ME-CC	matrix spike, RPD	5/31/2022	Metal	Thallium	Total	=	0.4	%	EPA 200.8	-88	-88	0	30	
2021/22-4	ME-SCR	matrix spike	5/27/2022	Metal	Thallium	Total	=	49.4	µg/L	EPA 200.8	0.021	0.2			
2021/22-4	ME-SCR	matrix spike, rec	5/27/2022	Metal	Thallium	Total	=	99	%	EPA 200.8	-88	-88	70	130	
2021/22-4	ME-SCR	matrix spike dup	5/27/2022	Metal	Thallium	Total	=	50.4	µg/L	EPA 200.8	0.021	0.2			
2021/22-4	ME-SCR	matrix spike dup, rec	5/27/2022	Metal	Thallium	Total	=	101	%	EPA 200.8	-88	-88	70	130	
2021/22-4	ME-SCR	matrix spike, RPD	5/27/2022	Metal	Thallium	Total	=	2	%	EPA 200.8	-88	-88	0	30	
2021/22-4	MO-FIL	matrix spike	5/27/2022	Metal	Thallium	Total	=	49.6	µg/L	EPA 200.8	0.021	0.2			
2021/22-4	MO-FIL	matrix spike, rec	5/27/2022	Metal	Thallium	Total	=	99	%	EPA 200.8	-88	-88	70	130	
2021/22-4	MO-FIL	matrix spike dup	5/27/2022	Metal	Thallium	Total	=	48.5	µg/L	EPA 200.8	0.021	0.2			
2021/22-4	MO-FIL	matrix spike dup, rec	5/27/2022	Metal	Thallium	Total	=	97	%	EPA 200.8	-88	-88	70	130	
2021/22-4	MO-FIL	matrix spike, RPD	5/27/2022	Metal	Thallium	Total	=	2	%	EPA 200.8	-88	-88	0	30	
2021/22-4	MO-OJA	matrix spike	5/17/2022	Metal	Thallium	Total	=	49.1	µg/L	EPA 200.8	0.021	0.2			
2021/22-4	MO-OJA	matrix spike, rec	5/17/2022	Metal	Thallium	Total	=	98	%	EPA 200.8	-88	-88	70	130	
2021/22-4	MO-OJA	matrix spike dup	5/17/2022	Metal	Thallium	Total	=	48.5	µg/L	EPA 200.8	0.021	0.2			
2021/22-4	MO-OJA	matrix spike dup, rec	5/17/2022	Metal	Thallium	Total	=	97	%	EPA 200.8	-88	-88	70	130	
2021/22-4	MO-OJA	matrix spike, RPD	5/17/2022	Metal	Thallium	Total	=	1	%	EPA 200.8	-88	-88	0	30	
2021/22-4	Lab	method blank	5/17/2022	Metal	Zinc	Dissolved	DNQ	0.91	µg/L	EPA 200.8	0.8	10			IP
2021/22-4	Lab	LCS	5/17/2022	Metal	Zinc	Dissolved	=	42.6	µg/L	EPA 200.8	0.8	10			
2021/22-4	Lab	LCS, rec	5/17/2022	Metal	Zinc	Dissolved	=	85	%	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	
2021/22-4	Lab	method blank	5/27/2022	Metal	Zinc	Dissolved	<	0.8	µg/L	EPA 200.8	0.8	10			
2021/22-4	Lab	LCS	5/27/2022	Metal	Zinc	Dissolved	=	47.3	µg/L	EPA 200.8	0.8	10			
2021/22-4	Lab	LCS, rec	5/27/2022	Metal	Zinc	Dissolved	=	95	%	EPA 200.8	-88	-88	85	115	
2021/22-4	Lab	method blank	5/31/2022	Metal	Zinc	Dissolved	<	0.8	µg/L	EPA 200.8	0.8	10			
2021/22-4	Lab	LCS	5/31/2022	Metal	Zinc	Dissolved	=	48.3	µg/L	EPA 200.8	0.8	10			
2021/22-4	Lab	LCS, rec	5/31/2022	Metal	Zinc	Dissolved	=	97	%	EPA 200.8	-88	-88	85	115	
2021/22-4	Lab	method blank	5/17/2022	Metal	Zinc	Total	<	1.7	µg/L	EPA 200.8	1.7	10			
2021/22-4	Lab	LCS	5/17/2022	Metal	Zinc	Total	=	42.6	µg/L	EPA 200.8	1.7	10			
2021/22-4	Lab	LCS, rec	5/17/2022	Metal	Zinc	Total	=	85	%	EPA 200.8	-88	-88	85	115	
2021/22-4	Lab	method blank	5/27/2022	Metal	Zinc	Total	<	1.7	µg/L	EPA 200.8	1.7	10			
2021/22-4	Lab	LCS	5/27/2022	Metal	Zinc	Total	=	47.3	µg/L	EPA 200.8	1.7	10			
2021/22-4	Lab	LCS, rec	5/27/2022	Metal	Zinc	Total	=	95	%	EPA 200.8	-88	-88	85	115	
2021/22-4	Lab	method blank	5/31/2022	Metal	Zinc	Total	<	1.7	µg/L	EPA 200.8	1.7	10			
2021/22-4	Lab	LCS	5/31/2022	Metal	Zinc	Total	=	48.3	µg/L	EPA 200.8	1.7	10			
2021/22-4	Lab	LCS, rec	5/31/2022	Metal	Zinc	Total	=	97	%	EPA 200.8	-88	-88	85	115	
2021/22-4	ME-CC	matrix spike	5/31/2022	Metal	Zinc	Total	=	54.8	µg/L	EPA 200.8	1.7	10			
2021/22-4	ME-CC	matrix spike, rec	5/31/2022	Metal	Zinc	Total	=	90	%	EPA 200.8	-88	-88	70	130	
2021/22-4	ME-CC	matrix spike dup	5/31/2022	Metal	Zinc	Total	=	55.1	µg/L	EPA 200.8	1.7	10			
2021/22-4	ME-CC	matrix spike dup, rec	5/31/2022	Metal	Zinc	Total	=	90	%	EPA 200.8	-88	-88	70	130	
2021/22-4	ME-CC	matrix spike, RPD	5/31/2022	Metal	Zinc	Total	=	0.5	%	EPA 200.8	-88	-88	0	30	
2021/22-4	ME-SCR	matrix spike	5/27/2022	Metal	Zinc	Total	=	44.7	µg/L	EPA 200.8	1.7	10			
2021/22-4	ME-SCR	matrix spike, rec	5/27/2022	Metal	Zinc	Total	=	89	%	EPA 200.8	-88	-88	70	130	
2021/22-4	ME-SCR	matrix spike dup	5/27/2022	Metal	Zinc	Total	=	45.3	µg/L	EPA 200.8	1.7	10			
2021/22-4	ME-SCR	matrix spike dup, rec	5/27/2022	Metal	Zinc	Total	=	91	%	EPA 200.8	-88	-88	70	130	
2021/22-4	ME-SCR	matrix spike, RPD	5/27/2022	Metal	Zinc	Total	=	1	%	EPA 200.8	-88	-88	0	30	
2021/22-4	MO-FIL	matrix spike	5/27/2022	Metal	Zinc	Total	=	52	µg/L	EPA 200.8	1.7	10			
2021/22-4	MO-FIL	matrix spike, rec	5/27/2022	Metal	Zinc	Total	=	92	%	EPA 200.8	-88	-88	70	130	
2021/22-4	MO-FIL	matrix spike dup	5/27/2022	Metal	Zinc	Total	=	49.7	µg/L	EPA 200.8	1.7	10			
2021/22-4	MO-FIL	matrix spike dup, rec	5/27/2022	Metal	Zinc	Total	=	87	%	EPA 200.8	-88	-88	70	130	
2021/22-4	MO-FIL	matrix spike, RPD	5/27/2022	Metal	Zinc	Total	=	4	%	EPA 200.8	-88	-88	0	30	
2021/22-4	MO-OJA	matrix spike	5/17/2022	Metal	Zinc	Total	=	41.5	µg/L	EPA 200.8	1.7	10			
2021/22-4	MO-OJA	matrix spike, rec	5/17/2022	Metal	Zinc	Total	=	79	%	EPA 200.8	-88	-88	70	130	
2021/22-4	MO-OJA	matrix spike dup	5/17/2022	Metal	Zinc	Total	=	41.3	µg/L	EPA 200.8	1.7	10			
2021/22-4	MO-OJA	matrix spike dup, rec	5/17/2022	Metal	Zinc	Total	=	79	%	EPA 200.8	-88	-88	70	130	
2021/22-4	MO-OJA	matrix spike, RPD	5/17/2022	Metal	Zinc	Total	=	0.4	%	EPA 200.8	-88	-88	0	30	
2021/22-4	000NONPJ	matrix spike	5/12/2022	Nutrient	Ammonia as N	n/a	=	0.372	mg/L	EPA 350.1	0.017	0.1			
2021/22-4	000NONPJ	matrix spike, rec	5/12/2022	Nutrient	Ammonia as N	n/a	=	106	%	EPA 350.1	-88	-88	90	110	
2021/22-4	000NONPJ	matrix spike dup	5/12/2022	Nutrient	Ammonia as N	n/a	=	0.37	mg/L	EPA 350.1	0.017	0.1			
2021/22-4	000NONPJ	matrix spike dup, rec	5/12/2022	Nutrient	Ammonia as N	n/a	=	105	%	EPA 350.1	-88	-88	90	110	
2021/22-4	000NONPJ	matrix spike, RPD	5/12/2022	Nutrient	Ammonia as N	n/a	=	0.5	%	EPA 350.1	-88	-88	0	15	
2021/22-4	000NONPJ	matrix spike	5/12/2022	Nutrient	Ammonia as N	n/a	=	0.235	mg/L	EPA 350.1	0.017	0.1			
2021/22-4	000NONPJ	matrix spike, rec	5/12/2022	Nutrient	Ammonia as N	n/a	=	94	%	EPA 350.1	-88	-88	90	110	
2021/22-4	000NONPJ	matrix spike dup	5/12/2022	Nutrient	Ammonia as N	n/a	=	0.238	mg/L	EPA 350.1	0.017	0.1			
2021/22-4	000NONPJ	matrix spike dup, rec	5/12/2022	Nutrient	Ammonia as N	n/a	=	95	%	EPA 350.1	-88	-88	90	110	
2021/22-4	000NONPJ	matrix spike, RPD	5/12/2022	Nutrient	Ammonia as N	n/a	=	1	%	EPA 350.1	-88	-88	0	15	
2021/22-4	000NONPJ	matrix spike	5/26/2022	Nutrient	Ammonia as N	n/a	=	0.497	mg/L	EPA 350.1	0.017	0.1			
2021/22-4	000NONPJ	matrix spike, rec	5/26/2022	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	
2021/22-4	000NONPJ	matrix spike dup	5/26/2022	Nutrient	Ammonia as N	n/a	=	0.499	mg/L	EPA 350.1	0.017	0.1			
2021/22-4	000NONPJ	matrix spike dup, rec	5/26/2022	Nutrient	Ammonia as N	n/a	=	102	%	EPA 350.1	-88	-88	90	110	
2021/22-4	000NONPJ	matrix spike, RPD	5/26/2022	Nutrient	Ammonia as N	n/a	=	0.4	%	EPA 350.1	-88	-88	0	15	
2021/22-4	000NONPJ	matrix spike	5/26/2022	Nutrient	Ammonia as N	n/a	=	0.25	mg/L	EPA 350.1	0.017	0.1			
2021/22-4	000NONPJ	matrix spike, rec	5/26/2022	Nutrient	Ammonia as N	n/a	=	100	%	EPA 350.1	-88	-88	90	110	
2021/22-4	000NONPJ	matrix spike dup	5/26/2022	Nutrient	Ammonia as N	n/a	=	0.252	mg/L	EPA 350.1	0.017	0.1			
2021/22-4	000NONPJ	matrix spike dup, rec	5/26/2022	Nutrient	Ammonia as N	n/a	=	101	%	EPA 350.1	-88	-88	90	110	
2021/22-4	000NONPJ	matrix spike, RPD	5/26/2022	Nutrient	Ammonia as N	n/a	=	0.7	%	EPA 350.1	-88	-88	0	15	
2021/22-4	000NONPJ	lab duplicate	5/26/2022	Nutrient	Ammonia as N	n/a	<	0.017	mg/L	EPA 350.1	0.017	0.1		15	
2021/22-4	Lab	method blank	5/12/2022	Nutrient	Ammonia as N	n/a	<	0.017	mg/L	EPA 350.1	0.017	0.1			
2021/22-4	Lab	LCS	5/12/2022	Nutrient	Ammonia as N	n/a	=	0.235	mg/L	EPA 350.1	0.017	0.1			
2021/22-4	Lab	LCS, rec	5/12/2022	Nutrient	Ammonia as N	n/a	=	94	%	EPA 350.1	-88	-88	90	110	
2021/22-4	Lab	method blank	5/12/2022	Nutrient	Ammonia as N	n/a	<	0.017	mg/L	EPA 350.1	0.017	0.1			
2021/22-4	Lab	LCS	5/12/2022	Nutrient	Ammonia as N	n/a	=	0.232	mg/L	EPA 350.1	0.017	0.1			
2021/22-4	Lab	LCS, rec	5/12/2022	Nutrient	Ammonia as N	n/a	=	93	%	EPA 350.1	-88	-88	90	110	
2021/22-4	Lab	method blank	5/26/2022	Nutrient	Ammonia as N	n/a	<	0.017	mg/L	EPA 350.1	0.017	0.1			
2021/22-4	Lab	LCS	5/26/2022	Nutrient	Ammonia as N	n/a	=	0.245	mg/L	EPA 350.1	0.017	0.1			
2021/22-4	Lab	LCS, rec	5/26/2022	Nutrient	Ammonia as N	n/a	=	98	%	EPA 350.1	-88	-88	90	110	
2021/22-4	Lab	method blank	5/26/2022	Nutrient	Ammonia as N	n/a	<	0.017	mg/L	EPA 350.1	0.017	0.1			
2021/22-4	Lab	LCS	5/26/2022	Nutrient	Ammonia as N	n/a	=	0.249	mg/L	EPA 350.1	0.017	0.1			
2021/22-4	Lab	LCS, rec	5/26/2022	Nutrient	Ammonia as N	n/a	=	99	%	EPA 350.1	-88	-88	90	110	
2021/22-4	000NONPJ	matrix spike	5/4/2022	Nutrient	Nitrate + Nitrite as N	n/a	=	2.62	mg/L	EPA 353.2	0.036	0.2			
2021/22-4	000NONPJ	matrix spike, rec	5/4/2022	Nutrient	Nitrate + Nitrite as N	n/a	=	94	%	EPA 353.2	-88	-88	90	110	
2021/22-4	000NONPJ	matrix spike dup	5/4/2022	Nutrient	Nitrate + Nitrite as N	n/a	=	2.62	mg/L	EPA 353.2	0.036	0.2			
2021/22-4	000NONPJ	matrix spike dup, rec	5/4/2022	Nutrient	Nitrate + Nitrite as N	n/a	=	94	%	EPA 353.2	-88	-88	90	110	
2021/22-4	000NONPJ	matrix spike, RPD	5/4/2022	Nutrient	Nitrate + Nitrite as N	n/a	=	0	%	EPA 353.2	-88	-88	0	20	
2021/22-4	000NONPJ	matrix spike	5/4/2022	Nutrient	Nitrate + Nitrite as N	n/a	=	18.8	mg/L	EPA 353.2	0.18	1			
2021/22-4	000NONPJ	matrix spike, rec	5/4/2022	Nutrient	Nitrate + Nitrite as N	n/a	=	92	%	EPA 353.2	-88	-88	90	110	
2021/22-4	000NONPJ	matrix spike dup	5/4/2022	Nutrient	Nitrate + Nitrite as N	n/a	=	18.8	mg/L	EPA 353.2	0.18	1			
2021/22-4	000NONPJ	matrix spike dup, rec	5/4/2022	Nutrient	Nitrate + Nitrite as N	n/a	=	92	%	EPA 353.2	-88	-88	90	110	
2021/22-4	000NONPJ	matrix spike, RPD	5/4/2022	Nutrient	Nitrate + Nitrite as N	n/a	=	0	%	EPA 353.2	-88	-88	0	20	
2021/22-4	000NONPJ	matrix spike	5/18/2022	Nutrient	Nitrate + Nitrite as N	n/a	=	4.54	mg/L	EPA 353.2	0.036	0.2			
2021/22-4	000NONPJ	matrix spike, rec	5/18/2022	Nutrient	Nitrate + Nitrite as N	n/a	=	96	%	EPA 353.2	-88	-88	90	110	
2021/22-4	000NONPJ	matrix spike dup	5/18/2022	Nutrient	Nitrate + Nitrite as N	n/a	=	4.54	mg/L	EPA 353.2	0.036	0.2			
2021/22-4	000NONPJ	matrix spike dup, rec	5/18/2022	Nutrient	Nitrate + Nitrite as N	n/a	=	96	%	EPA 353.2	-88	-88	90	110	
2021/22-4	000NONPJ	matrix spike, RPD	5/18/2022	Nutrient	Nitrate + Nitrite as N	n/a	=	0	%	EPA 353.2	-88	-88	0	20	
2021/22-4	000NONPJ	matrix spike	5/18/2022	Nutrient	Nitrate + Nitrite as N	n/a	=	7.99	mg/L	EPA 353.2	0.036	0.2			
2021/22-4	000NONPJ	matrix spike, rec	5/18/2022	Nutrient	Nitrate + Nitrite as N	n/a	=	92	%	EPA 353.2	-88	-88	90	110	
2021/22-4	000NONPJ	matrix spike dup	5/18/2022	Nutrient	Nitrate + Nitrite as N	n/a	=	8	mg/L	EPA 353.2	0.036	0.2			
2021/22-4	000NONPJ	matrix spike dup, rec	5/18/2022	Nutrient	Nitrate + Nitrite as N	n/a	=	93	%	EPA 353.2	-88	-88	90	110	
2021/22-4	000NONPJ	matrix spike, RPD	5/18/2022	Nutrient	Nitrate + Nitrite as N	n/a	=	0.1	%	EPA 353.2	-88	-88	0	20	
2021/22-4	000NONPJ	lab duplicate	5/18/2022	Nutrient	Nitrate + Nitrite as N	n/a	DNQ	0.107	mg/L	EPA 353.2	0.036	0.2		20	
2021/22-4	000NONPJ	matrix spike	5/20/2022	Nutrient	Nitrate + Nitrite as N	n/a	=	2.05	mg/L	EPA 353.2	0.036	0.2			
2021/22-4	000NONPJ	matrix spike, rec	5/20/2022	Nutrient	Nitrate + Nitrite as N	n/a	=	97	%	EPA 353.2	-88	-88	90	110	
2021/22-4	000NONPJ	matrix spike dup	5/20/2022	Nutrient	Nitrate + Nitrite as N	n/a	=	2.04	mg/L	EPA 353.2	0.036	0.2			
2021/22-4	000NONPJ	matrix spike dup, rec	5/20/2022	Nutrient	Nitrate + Nitrite as N	n/a	=	97	%	EPA 353.2	-88	-88	90	110	
2021/22-4	000NONPJ	matrix spike, RPD	5/20/2022	Nutrient	Nitrate + Nitrite as N	n/a	=	0.5	%	EPA 353.2	-88	-88	0	20	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2021/22-4	000NONPJ	lab duplicate	5/20/2022	Nutrient	Nitrate + Nitrite as N	n/a	DNQ	0.105	mg/L	EPA 353.2	0.036	0.2		20	
2021/22-4	Lab	method blank	5/4/2022	Nutrient	Nitrate + Nitrite as N	n/a	<	0.036	mg/L	EPA 353.2	0.036	0.2			
2021/22-4	Lab	LCS	5/4/2022	Nutrient	Nitrate + Nitrite as N	n/a	=	0.989	mg/L	EPA 353.2	0.036	0.2			
2021/22-4	Lab	LCS, rec	5/4/2022	Nutrient	Nitrate + Nitrite as N	n/a	=	99	%	EPA 353.2	-88	-88	90	110	
2021/22-4	Lab	method blank	5/18/2022	Nutrient	Nitrate + Nitrite as N	n/a	<	0.036	mg/L	EPA 353.2	0.036	0.2			
2021/22-4	Lab	LCS	5/18/2022	Nutrient	Nitrate + Nitrite as N	n/a	=	0.974	mg/L	EPA 353.2	0.036	0.2			
2021/22-4	Lab	LCS, rec	5/18/2022	Nutrient	Nitrate + Nitrite as N	n/a	=	97	%	EPA 353.2	-88	-88	90	110	
2021/22-4	Lab	method blank	5/20/2022	Nutrient	Nitrate + Nitrite as N	n/a	<	0.036	mg/L	EPA 353.2	0.036	0.2			
2021/22-4	Lab	LCS	5/20/2022	Nutrient	Nitrate + Nitrite as N	n/a	=	0.98	mg/L	EPA 353.2	0.036	0.2			
2021/22-4	Lab	LCS, rec	5/20/2022	Nutrient	Nitrate + Nitrite as N	n/a	=	98	%	EPA 353.2	-88	-88	90	110	
2021/22-4	000NONPJ	matrix spike	5/20/2022	Nutrient	Nitrate as N	n/a	=	2.05	mg/L	EPA 353.2	0.04	0.2			
2021/22-4	000NONPJ	matrix spike, rec	5/20/2022	Nutrient	Nitrate as N	n/a	=	97	%	EPA 353.2	-88	-88	90	110	
2021/22-4	000NONPJ	matrix spike dup	5/20/2022	Nutrient	Nitrate as N	n/a	=	2.04	mg/L	EPA 353.2	0.04	0.2			
2021/22-4	000NONPJ	matrix spike dup, rec	5/20/2022	Nutrient	Nitrate as N	n/a	=	97	%	EPA 353.2	-88	-88	90	110	
2021/22-4	000NONPJ	matrix spike, RPD	5/20/2022	Nutrient	Nitrate as N	n/a	=	0.5	%	EPA 353.2	-88	-88	0	20	
2021/22-4	000NONPJ	lab duplicate	5/20/2022	Nutrient	Nitrate as N	n/a	DNQ	0.105	mg/L	EPA 353.2	0.04	0.2		20	
2021/22-4	Lab	method blank	5/20/2022	Nutrient	Nitrate as N	n/a	<	0.04	mg/L	EPA 353.2	0.04	0.2			
2021/22-4	Lab	LCS	5/20/2022	Nutrient	Nitrate as N	n/a	=	0.98	mg/L	EPA 353.2	0.04	0.2			
2021/22-4	Lab	LCS, rec	5/20/2022	Nutrient	Nitrate as N	n/a	=	98	%	EPA 353.2	-88	-88	90	110	
2021/22-4	000NONPJ	matrix spike	6/1/2022	Nutrient	Phosphorus as P	Dissolved	=	2.12	mg/L	EPA 200.7	0.018	0.05			
2021/22-4	000NONPJ	matrix spike, rec	6/1/2022	Nutrient	Phosphorus as P	Dissolved	=	104	%	EPA 200.7	-88	-88	70	130	
2021/22-4	000NONPJ	matrix spike dup	6/1/2022	Nutrient	Phosphorus as P	Dissolved	=	2.11	mg/L	EPA 200.7	0.018	0.05			
2021/22-4	000NONPJ	matrix spike dup, rec	6/1/2022	Nutrient	Phosphorus as P	Dissolved	=	104	%	EPA 200.7	-88	-88	70	130	
2021/22-4	000NONPJ	matrix spike, RPD	6/1/2022	Nutrient	Phosphorus as P	Dissolved	=	0.3	%	EPA 200.7	-88	-88	0	30	
2021/22-4	000NONPJ	matrix spike	6/1/2022	Nutrient	Phosphorus as P	Dissolved	=	2.29	mg/L	EPA 200.7	0.018	0.05			
2021/22-4	000NONPJ	matrix spike, rec	6/1/2022	Nutrient	Phosphorus as P	Dissolved	=	112	%	EPA 200.7	-88	-88	70	130	
2021/22-4	000NONPJ	matrix spike dup	6/1/2022	Nutrient	Phosphorus as P	Dissolved	=	2.28	mg/L	EPA 200.7	0.018	0.05			
2021/22-4	000NONPJ	matrix spike dup, rec	6/1/2022	Nutrient	Phosphorus as P	Dissolved	=	111	%	EPA 200.7	-88	-88	70	130	
2021/22-4	000NONPJ	matrix spike, RPD	6/1/2022	Nutrient	Phosphorus as P	Dissolved	=	0.5	%	EPA 200.7	-88	-88	0	30	
2021/22-4	Lab	method blank	5/16/2022	Nutrient	Phosphorus as P	Dissolved	<	0.018	mg/L	EPA 200.7	0.018	0.05			
2021/22-4	Lab	LCS	5/16/2022	Nutrient	Phosphorus as P	Dissolved	=	2.12	mg/L	EPA 200.7	0.018	0.05			
2021/22-4	Lab	LCS, rec	5/16/2022	Nutrient	Phosphorus as P	Dissolved	=	106	%	EPA 200.7	-88	-88	85	115	
2021/22-4	Lab	method blank	6/1/2022	Nutrient	Phosphorus as P	Dissolved	<	0.018	mg/L	EPA 200.7	0.018	0.05			
2021/22-4	Lab	LCS	6/1/2022	Nutrient	Phosphorus as P	Dissolved	=	2.05	mg/L	EPA 200.7	0.018	0.05			
2021/22-4	Lab	LCS, rec	6/1/2022	Nutrient	Phosphorus as P	Dissolved	=	103	%	EPA 200.7	-88	-88	85	115	
2021/22-4	Lab	method blank	6/1/2022	Nutrient	Phosphorus as P	Dissolved	<	0.018	mg/L	EPA 200.7	0.018	0.05			
2021/22-4	Lab	LCS	6/1/2022	Nutrient	Phosphorus as P	Dissolved	=	2	mg/L	EPA 200.7	0.018	0.05			
2021/22-4	Lab	LCS, rec	6/1/2022	Nutrient	Phosphorus as P	Dissolved	=	100	%	EPA 200.7	-88	-88	85	115	
2021/22-4	ME-VR2	matrix spike	5/16/2022	Nutrient	Phosphorus as P	Dissolved	=	2.16	mg/L	EPA 200.7	0.018	0.05			
2021/22-4	ME-VR2	matrix spike, rec	5/16/2022	Nutrient	Phosphorus as P	Dissolved	=	107	%	EPA 200.7	-88	-88	70	130	
2021/22-4	ME-VR2	matrix spike dup	5/16/2022	Nutrient	Phosphorus as P	Dissolved	=	2.19	mg/L	EPA 200.7	0.018	0.05			
2021/22-4	ME-VR2	matrix spike dup, rec	5/16/2022	Nutrient	Phosphorus as P	Dissolved	=	108	%	EPA 200.7	-88	-88	70	130	
2021/22-4	ME-VR2	matrix spike, RPD	5/16/2022	Nutrient	Phosphorus as P	Dissolved	=	2	%	EPA 200.7	-88	-88	0	30	
2021/22-4	MO-THO	matrix spike	6/1/2022	Nutrient	Phosphorus as P	Dissolved	=	2.51	mg/L	EPA 200.7	0.018	0.05			
2021/22-4	MO-THO	matrix spike, rec	6/1/2022	Nutrient	Phosphorus as P	Dissolved	=	101	%	EPA 200.7	-88	-88	70	130	
2021/22-4	MO-THO	matrix spike dup	6/1/2022	Nutrient	Phosphorus as P	Dissolved	=	2.52	mg/L	EPA 200.7	0.018	0.05			
2021/22-4	MO-THO	matrix spike dup, rec	6/1/2022	Nutrient	Phosphorus as P	Dissolved	=	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	
2021/22-4	MO-THO	matrix spike, RPD	6/1/2022	Nutrient	Phosphorus as P	Dissolved	=	0.6	%	EPA 200.7	-88	-88	0	30	
2021/22-4	000NONPJ	matrix spike	6/1/2022	Nutrient	Phosphorus as P	Total	=	2.12	mg/L	EPA 200.7	0.018	0.05			
2021/22-4	000NONPJ	matrix spike, rec	6/1/2022	Nutrient	Phosphorus as P	Total	=	103	%	EPA 200.7	-88	-88	70	130	
2021/22-4	000NONPJ	matrix spike dup	6/1/2022	Nutrient	Phosphorus as P	Total	=	2.11	mg/L	EPA 200.7	0.018	0.05			
2021/22-4	000NONPJ	matrix spike dup, rec	6/1/2022	Nutrient	Phosphorus as P	Total	=	103	%	EPA 200.7	-88	-88	70	130	
2021/22-4	000NONPJ	matrix spike, RPD	6/1/2022	Nutrient	Phosphorus as P	Total	=	0.3	%	EPA 200.7	-88	-88	0	30	
2021/22-4	000NONPJ	matrix spike	6/1/2022	Nutrient	Phosphorus as P	Total	=	2.29	mg/L	EPA 200.7	0.018	0.05			
2021/22-4	000NONPJ	matrix spike, rec	6/1/2022	Nutrient	Phosphorus as P	Total	=	104	%	EPA 200.7	-88	-88	70	130	
2021/22-4	000NONPJ	matrix spike dup	6/1/2022	Nutrient	Phosphorus as P	Total	=	2.28	mg/L	EPA 200.7	0.018	0.05			
2021/22-4	000NONPJ	matrix spike dup, rec	6/1/2022	Nutrient	Phosphorus as P	Total	=	103	%	EPA 200.7	-88	-88	70	130	
2021/22-4	000NONPJ	matrix spike, RPD	6/1/2022	Nutrient	Phosphorus as P	Total	=	0.5	%	EPA 200.7	-88	-88	0	30	
2021/22-4	Lab	method blank	5/16/2022	Nutrient	Phosphorus as P	Total	<	0.018	mg/L	EPA 200.7	0.018	0.05			
2021/22-4	Lab	LCS	5/16/2022	Nutrient	Phosphorus as P	Total	=	2.12	mg/L	EPA 200.7	0.018	0.05			
2021/22-4	Lab	LCS, rec	5/16/2022	Nutrient	Phosphorus as P	Total	=	106	%	EPA 200.7	-88	-88	85	115	
2021/22-4	Lab	method blank	6/1/2022	Nutrient	Phosphorus as P	Total	<	0.018	mg/L	EPA 200.7	0.018	0.05			
2021/22-4	Lab	LCS	6/1/2022	Nutrient	Phosphorus as P	Total	=	2.05	mg/L	EPA 200.7	0.018	0.05			
2021/22-4	Lab	LCS, rec	6/1/2022	Nutrient	Phosphorus as P	Total	=	103	%	EPA 200.7	-88	-88	85	115	
2021/22-4	Lab	method blank	6/1/2022	Nutrient	Phosphorus as P	Total	<	0.018	mg/L	EPA 200.7	0.018	0.05			
2021/22-4	Lab	LCS	6/1/2022	Nutrient	Phosphorus as P	Total	=	2	mg/L	EPA 200.7	0.018	0.05			
2021/22-4	Lab	LCS, rec	6/1/2022	Nutrient	Phosphorus as P	Total	=	100	%	EPA 200.7	-88	-88	85	115	
2021/22-4	ME-VR2	matrix spike	5/16/2022	Nutrient	Phosphorus as P	Total	=	2.16	mg/L	EPA 200.7	0.018	0.05			
2021/22-4	ME-VR2	matrix spike, rec	5/16/2022	Nutrient	Phosphorus as P	Total	=	106	%	EPA 200.7	-88	-88	70	130	
2021/22-4	ME-VR2	matrix spike dup	5/16/2022	Nutrient	Phosphorus as P	Total	=	2.19	mg/L	EPA 200.7	0.018	0.05			
2021/22-4	ME-VR2	matrix spike dup, rec	5/16/2022	Nutrient	Phosphorus as P	Total	=	108	%	EPA 200.7	-88	-88	70	130	
2021/22-4	ME-VR2	matrix spike, RPD	5/16/2022	Nutrient	Phosphorus as P	Total	=	2	%	EPA 200.7	-88	-88	0	30	
2021/22-4	MO-THO	matrix spike	6/1/2022	Nutrient	Phosphorus as P	Total	=	2.51	mg/L	EPA 200.7	0.018	0.05			
2021/22-4	MO-THO	matrix spike, rec	6/1/2022	Nutrient	Phosphorus as P	Total	=	99	%	EPA 200.7	-88	-88	70	130	
2021/22-4	MO-THO	matrix spike dup	6/1/2022	Nutrient	Phosphorus as P	Total	=	2.52	mg/L	EPA 200.7	0.018	0.05			
2021/22-4	MO-THO	matrix spike dup, rec	6/1/2022	Nutrient	Phosphorus as P	Total	=	100	%	EPA 200.7	-88	-88	70	130	
2021/22-4	MO-THO	matrix spike, RPD	6/1/2022	Nutrient	Phosphorus as P	Total	=	0.6	%	EPA 200.7	-88	-88	0	30	
2021/22-4	000NONPJ	matrix spike	5/19/2022	Nutrient	TKN	n/a	=	1.34	mg/L	EPA 351.2	0.065	0.1			
2021/22-4	000NONPJ	matrix spike, rec	5/19/2022	Nutrient	TKN	n/a	=	102	%	EPA 351.2	-88	-88	90	110	
2021/22-4	000NONPJ	matrix spike dup	5/19/2022	Nutrient	TKN	n/a	=	1.3	mg/L	EPA 351.2	0.065	0.1			
2021/22-4	000NONPJ	matrix spike dup, rec	5/19/2022	Nutrient	TKN	n/a	=	98	%	EPA 351.2	-88	-88	90	110	
2021/22-4	000NONPJ	matrix spike, RPD	5/19/2022	Nutrient	TKN	n/a	=	3	%	EPA 351.2	-88	-88	0	10	
2021/22-4	000NONPJ	matrix spike	5/19/2022	Nutrient	TKN	n/a	=	1.22	mg/L	EPA 351.2	0.065	0.1			
2021/22-4	000NONPJ	matrix spike, rec	5/19/2022	Nutrient	TKN	n/a	=	95	%	EPA 351.2	-88	-88	90	110	
2021/22-4	000NONPJ	matrix spike dup	5/19/2022	Nutrient	TKN	n/a	=	1.18	mg/L	EPA 351.2	0.065	0.1			
2021/22-4	000NONPJ	matrix spike dup, rec	5/19/2022	Nutrient	TKN	n/a	=	91	%	EPA 351.2	-88	-88	90	110	
2021/22-4	000NONPJ	matrix spike, RPD	5/19/2022	Nutrient	TKN	n/a	=	3	%	EPA 351.2	-88	-88	0	10	
2021/22-4	000NONPJ	matrix spike	6/3/2022	Nutrient	TKN	n/a	=	1.22	mg/L	EPA 351.2	0.065	0.1			
2021/22-4	000NONPJ	matrix spike, rec	6/3/2022	Nutrient	TKN	n/a	=	103	%	EPA 351.2	-88	-88	90	110	
2021/22-4	000NONPJ	matrix spike dup	6/3/2022	Nutrient	TKN	n/a	=	1.25	mg/L	EPA 351.2	0.065	0.1			
2021/22-4	000NONPJ	matrix spike dup, rec	6/3/2022	Nutrient	TKN	n/a	=	105	%	EPA 351.2	-88	-88	90	110	
2021/22-4	000NONPJ	matrix spike, RPD	6/3/2022	Nutrient	TKN	n/a	=	2	%	EPA 351.2	-88	-88	0	10	
2021/22-4	000NONPJ	matrix spike	6/3/2022	Nutrient	TKN	n/a	=	0.938	mg/L	EPA 351.2	0.065	0.1			
2021/22-4	000NONPJ	matrix spike, rec	6/3/2022	Nutrient	TKN	n/a	=	94	%	EPA 351.2	-88	-88	90	110	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2021/22-4	000NONPJ	matrix spike dup	6/3/2022	Nutrient	TKN	n/a	=	0.824	mg/L	EPA 351.2	0.065	0.1			GB,IL
2021/22-4	000NONPJ	matrix spike dup, rec	6/3/2022	Nutrient	TKN	n/a	=	82	%	EPA 351.2	-88	-88	90	110	GB,IL
2021/22-4	000NONPJ	matrix spike, RPD	6/3/2022	Nutrient	TKN	n/a	=	13	%	EPA 351.2	-88	-88	0	10	GB,IL
2021/22-4	000NONPJ	matrix spike	6/7/2022	Nutrient	TKN	n/a	=	1.16	mg/L	EPA 351.2	0.065	0.1			
2021/22-4	000NONPJ	matrix spike, rec	6/7/2022	Nutrient	TKN	n/a	=	98	%	EPA 351.2	-88	-88	90	110	
2021/22-4	000NONPJ	matrix spike dup	6/7/2022	Nutrient	TKN	n/a	=	1.19	mg/L	EPA 351.2	0.065	0.1			
2021/22-4	000NONPJ	matrix spike dup, rec	6/7/2022	Nutrient	TKN	n/a	=	101	%	EPA 351.2	-88	-88	90	110	
2021/22-4	000NONPJ	matrix spike, RPD	6/7/2022	Nutrient	TKN	n/a	=	3	%	EPA 351.2	-88	-88	0	10	
2021/22-4	000NONPJ	matrix spike	6/7/2022	Nutrient	TKN	n/a	=	2.15	mg/L	EPA 351.2	0.065	0.1			
2021/22-4	000NONPJ	matrix spike, rec	6/7/2022	Nutrient	TKN	n/a	=	91	%	EPA 351.2	-88	-88	90	110	
2021/22-4	000NONPJ	matrix spike dup	6/7/2022	Nutrient	TKN	n/a	=	2.27	mg/L	EPA 351.2	0.065	0.1			
2021/22-4	000NONPJ	matrix spike dup, rec	6/7/2022	Nutrient	TKN	n/a	=	103	%	EPA 351.2	-88	-88	90	110	
2021/22-4	000NONPJ	matrix spike, RPD	6/7/2022	Nutrient	TKN	n/a	=	5	%	EPA 351.2	-88	-88	0	10	
2021/22-4	Lab	method blank	5/19/2022	Nutrient	TKN	n/a	<	0.065	mg/L	EPA 351.2	0.065	0.1			
2021/22-4	Lab	LCS	5/19/2022	Nutrient	TKN	n/a	=	0.956	mg/L	EPA 351.2	0.065	0.1			
2021/22-4	Lab	LCS, rec	5/19/2022	Nutrient	TKN	n/a	=	96	%	EPA 351.2	-88	-88	90	110	
2021/22-4	Lab	method blank	5/19/2022	Nutrient	TKN	n/a	<	0.065	mg/L	EPA 351.2	0.065	0.1			
2021/22-4	Lab	LCS	5/19/2022	Nutrient	TKN	n/a	=	0.944	mg/L	EPA 351.2	0.065	0.1			
2021/22-4	Lab	LCS, rec	5/19/2022	Nutrient	TKN	n/a	=	94	%	EPA 351.2	-88	-88	90	110	
2021/22-4	Lab	method blank	6/3/2022	Nutrient	TKN	n/a	DNQ	0.0655	mg/L	EPA 351.2	0.065	0.1			IP
2021/22-4	Lab	LCS	6/3/2022	Nutrient	TKN	n/a	=	1.02	mg/L	EPA 351.2	0.065	0.1			
2021/22-4	Lab	LCS, rec	6/3/2022	Nutrient	TKN	n/a	=	102	%	EPA 351.2	-88	-88	90	110	
2021/22-4	Lab	method blank	6/3/2022	Nutrient	TKN	n/a	<	0.065	mg/L	EPA 351.2	0.065	0.1			
2021/22-4	Lab	LCS	6/3/2022	Nutrient	TKN	n/a	=	1.01	mg/L	EPA 351.2	0.065	0.1			
2021/22-4	Lab	LCS, rec	6/3/2022	Nutrient	TKN	n/a	=	101	%	EPA 351.2	-88	-88	90	110	
2021/22-4	Lab	method blank	6/7/2022	Nutrient	TKN	n/a	<	0.065	mg/L	EPA 351.2	0.065	0.1			
2021/22-4	Lab	LCS	6/7/2022	Nutrient	TKN	n/a	=	0.987	mg/L	EPA 351.2	0.065	0.1			
2021/22-4	Lab	LCS, rec	6/7/2022	Nutrient	TKN	n/a	=	99	%	EPA 351.2	-88	-88	90	110	
2021/22-4	Lab	method blank	6/7/2022	Nutrient	TKN	n/a	<	0.065	mg/L	EPA 351.2	0.065	0.1			
2021/22-4	Lab	LCS	6/7/2022	Nutrient	TKN	n/a	=	0.948	mg/L	EPA 351.2	0.065	0.1			
2021/22-4	Lab	LCS, rec	6/7/2022	Nutrient	TKN	n/a	=	95	%	EPA 351.2	-88	-88	90	110	
2021/22-4	000NONPJ	matrix spike	6/6/2022	Organic	1,2,4-Trichlorobenzene	n/a	=	17.9	µg/L	EPA 625.1	0.49	1			
2021/22-4	000NONPJ	matrix spike, rec	6/6/2022	Organic	1,2,4-Trichlorobenzene	n/a	=	89	%	EPA 625.1	-88	-88	44	142	
2021/22-4	000NONPJ	matrix spike dup	6/6/2022	Organic	1,2,4-Trichlorobenzene	n/a	=	18.3	µg/L	EPA 625.1	0.49	1			
2021/22-4	000NONPJ	matrix spike dup, rec	6/6/2022	Organic	1,2,4-Trichlorobenzene	n/a	=	91	%	EPA 625.1	-88	-88	44	142	
2021/22-4	000NONPJ	matrix spike, RPD	6/6/2022	Organic	1,2,4-Trichlorobenzene	n/a	=	3	%	EPA 625.1	-88	-88	0	30	
2021/22-4	Lab	LCS	5/11/2022	Organic	1,2,4-Trichlorobenzene	n/a	=	19.1	µg/L	EPA 625.1	0.49	1			
2021/22-4	Lab	LCS, rec	5/11/2022	Organic	1,2,4-Trichlorobenzene	n/a	=	95	%	EPA 625.1	-88	-88	57	130	
2021/22-4	Lab	method blank	5/11/2022	Organic	1,2,4-Trichlorobenzene	n/a	<	0.49	µg/L	EPA 625.1	0.49	1			
2021/22-4	Lab	LCS	5/31/2022	Organic	1,2,4-Trichlorobenzene	n/a	=	15.9	µg/L	EPA 625.1	0.49	1			
2021/22-4	Lab	LCS, rec	5/31/2022	Organic	1,2,4-Trichlorobenzene	n/a	=	80	%	EPA 625.1	-88	-88	57	130	
2021/22-4	Lab	method blank	5/31/2022	Organic	1,2,4-Trichlorobenzene	n/a	<	0.49	µg/L	EPA 625.1	0.49	1			
2021/22-4	Lab	LCS	6/6/2022	Organic	1,2,4-Trichlorobenzene	n/a	=	18	µg/L	EPA 625.1	0.49	1			
2021/22-4	Lab	LCS, rec	6/6/2022	Organic	1,2,4-Trichlorobenzene	n/a	=	90	%	EPA 625.1	-88	-88	57	130	
2021/22-4	Lab	method blank	6/6/2022	Organic	1,2,4-Trichlorobenzene	n/a	<	0.49	µg/L	EPA 625.1	0.49	1			
2021/22-4	Lab	LCS	6/11/2022	Organic	1,2,4-Trichlorobenzene	n/a	=	14.9	µg/L	EPA 625.1	0.49	1			
2021/22-4	Lab	LCS, rec	6/11/2022	Organic	1,2,4-Trichlorobenzene	n/a	=	74	%	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	
2021/22-4	Lab	LCS dup	6/11/2022	Organic	1,2,4-Trichlorobenzene	n/a	=	15.9	µg/L	EPA 625.1	0.49	1			
2021/22-4	Lab	LCS dup, rec	6/11/2022	Organic	1,2,4-Trichlorobenzene	n/a	=	79	%	EPA 625.1	-88	-88	57	130	
2021/22-4	Lab	LCS, RPD	6/11/2022	Organic	1,2,4-Trichlorobenzene	n/a	=	7	%	EPA 625.1	-88	-88	0	30	
2021/22-4	Lab	method blank	6/11/2022	Organic	1,2,4-Trichlorobenzene	n/a	<	0.49	µg/L	EPA 625.1	0.49	1			
2021/22-4	ME-VR2	matrix spike	5/11/2022	Organic	1,2,4-Trichlorobenzene	n/a	=	19.1	µg/L	EPA 625.1	0.49	1			
2021/22-4	ME-VR2	matrix spike, rec	5/11/2022	Organic	1,2,4-Trichlorobenzene	n/a	=	95	%	EPA 625.1	-88	-88	44	142	
2021/22-4	ME-VR2	matrix spike dup	5/11/2022	Organic	1,2,4-Trichlorobenzene	n/a	=	18.5	µg/L	EPA 625.1	0.49	1			
2021/22-4	ME-VR2	matrix spike dup, rec	5/11/2022	Organic	1,2,4-Trichlorobenzene	n/a	=	91	%	EPA 625.1	-88	-88	44	142	
2021/22-4	ME-VR2	matrix spike, RPD	5/11/2022	Organic	1,2,4-Trichlorobenzene	n/a	=	3	%	EPA 625.1	-88	-88	0	30	
2021/22-4	MO-THO	matrix spike	5/31/2022	Organic	1,2,4-Trichlorobenzene	n/a	=	17.7	µg/L	EPA 625.1	0.49	1			
2021/22-4	MO-THO	matrix spike, rec	5/31/2022	Organic	1,2,4-Trichlorobenzene	n/a	=	93	%	EPA 625.1	-88	-88	44	142	
2021/22-4	MO-THO	matrix spike dup	5/31/2022	Organic	1,2,4-Trichlorobenzene	n/a	=	18.3	µg/L	EPA 625.1	0.49	1			
2021/22-4	MO-THO	matrix spike dup, rec	5/31/2022	Organic	1,2,4-Trichlorobenzene	n/a	=	97	%	EPA 625.1	-88	-88	44	142	
2021/22-4	MO-THO	matrix spike, RPD	5/31/2022	Organic	1,2,4-Trichlorobenzene	n/a	=	4	%	EPA 625.1	-88	-88	0	30	
2021/22-4	000NONPJ	matrix spike	6/6/2022	Organic	1,2-Dichlorobenzene	n/a	=	15.2	µg/L	EPA 625.1	0.46	1			
2021/22-4	000NONPJ	matrix spike, rec	6/6/2022	Organic	1,2-Dichlorobenzene	n/a	=	75	%	EPA 625.1	-88	-88	51	120	
2021/22-4	000NONPJ	matrix spike dup	6/6/2022	Organic	1,2-Dichlorobenzene	n/a	=	15.7	µg/L	EPA 625.1	0.46	1			
2021/22-4	000NONPJ	matrix spike dup, rec	6/6/2022	Organic	1,2-Dichlorobenzene	n/a	=	78	%	EPA 625.1	-88	-88	51	120	
2021/22-4	000NONPJ	matrix spike, RPD	6/6/2022	Organic	1,2-Dichlorobenzene	n/a	=	3	%	EPA 625.1	-88	-88	0	30	
2021/22-4	Lab	LCS	5/11/2022	Organic	1,2-Dichlorobenzene	n/a	=	17	µg/L	EPA 625.1	0.46	1			
2021/22-4	Lab	LCS, rec	5/11/2022	Organic	1,2-Dichlorobenzene	n/a	=	85	%	EPA 625.1	-88	-88	57	120	
2021/22-4	Lab	method blank	5/11/2022	Organic	1,2-Dichlorobenzene	n/a	<	0.46	µg/L	EPA 625.1	0.46	1			
2021/22-4	Lab	LCS	5/31/2022	Organic	1,2-Dichlorobenzene	n/a	=	13.9	µg/L	EPA 625.1	0.46	1			
2021/22-4	Lab	LCS, rec	5/31/2022	Organic	1,2-Dichlorobenzene	n/a	=	70	%	EPA 625.1	-88	-88	57	120	
2021/22-4	Lab	method blank	5/31/2022	Organic	1,2-Dichlorobenzene	n/a	<	0.46	µg/L	EPA 625.1	0.46	1			
2021/22-4	Lab	LCS	6/6/2022	Organic	1,2-Dichlorobenzene	n/a	=	15.4	µg/L	EPA 625.1	0.46	1			
2021/22-4	Lab	LCS, rec	6/6/2022	Organic	1,2-Dichlorobenzene	n/a	=	77	%	EPA 625.1	-88	-88	57	120	
2021/22-4	Lab	method blank	6/6/2022	Organic	1,2-Dichlorobenzene	n/a	<	0.46	µg/L	EPA 625.1	0.46	1			
2021/22-4	Lab	LCS	6/11/2022	Organic	1,2-Dichlorobenzene	n/a	=	13.6	µg/L	EPA 625.1	0.46	1			
2021/22-4	Lab	LCS, rec	6/11/2022	Organic	1,2-Dichlorobenzene	n/a	=	68	%	EPA 625.1	-88	-88	57	120	
2021/22-4	Lab	LCS dup	6/11/2022	Organic	1,2-Dichlorobenzene	n/a	=	14.4	µg/L	EPA 625.1	0.46	1			
2021/22-4	Lab	LCS dup, rec	6/11/2022	Organic	1,2-Dichlorobenzene	n/a	=	72	%	EPA 625.1	-88	-88	57	120	
2021/22-4	Lab	LCS, RPD	6/11/2022	Organic	1,2-Dichlorobenzene	n/a	=	6	%	EPA 625.1	-88	-88	0	30	
2021/22-4	Lab	method blank	6/11/2022	Organic	1,2-Dichlorobenzene	n/a	<	0.46	µg/L	EPA 625.1	0.46	1			
2021/22-4	ME-VR2	matrix spike	5/11/2022	Organic	1,2-Dichlorobenzene	n/a	=	16.6	µg/L	EPA 625.1	0.46	1			
2021/22-4	ME-VR2	matrix spike, rec	5/11/2022	Organic	1,2-Dichlorobenzene	n/a	=	83	%	EPA 625.1	-88	-88	51	120	
2021/22-4	ME-VR2	matrix spike dup	5/11/2022	Organic	1,2-Dichlorobenzene	n/a	=	16.2	µg/L	EPA 625.1	0.46	1			
2021/22-4	ME-VR2	matrix spike dup, rec	5/11/2022	Organic	1,2-Dichlorobenzene	n/a	=	80	%	EPA 625.1	-88	-88	51	120	
2021/22-4	ME-VR2	matrix spike, RPD	5/11/2022	Organic	1,2-Dichlorobenzene	n/a	=	2	%	EPA 625.1	-88	-88	0	30	
2021/22-4	MO-THO	matrix spike	5/31/2022	Organic	1,2-Dichlorobenzene	n/a	=	15.5	µg/L	EPA 625.1	0.46	1			
2021/22-4	MO-THO	matrix spike, rec	5/31/2022	Organic	1,2-Dichlorobenzene	n/a	=	82	%	EPA 625.1	-88	-88	51	120	
2021/22-4	MO-THO	matrix spike dup	5/31/2022	Organic	1,2-Dichlorobenzene	n/a	=	16.2	µg/L	EPA 625.1	0.46	1			
2021/22-4	MO-THO	matrix spike dup, rec	5/31/2022	Organic	1,2-Dichlorobenzene	n/a	=	86	%	EPA 625.1	-88	-88	51	120	
2021/22-4	MO-THO	matrix spike, RPD	5/31/2022	Organic	1,2-Dichlorobenzene	n/a	=	4	%	EPA 625.1	-88	-88	0	30	
2021/22-4	Lab	method blank	5/11/2022	Organic	1,2-Diphenylhydrazine	n/a	<	0.3	µg/L	EPA 625.1	0.3	1			
2021/22-4	Lab	method blank	5/31/2022	Organic	1,2-Diphenylhydrazine	n/a	<	0.3	µg/L	EPA 625.1	0.3	1			
2021/22-4	Lab	method blank	6/6/2022	Organic	1,2-Diphenylhydrazine	n/a	<	0.3	µg/L	EPA 625.1	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	
2021/22-4	Lab	method blank	6/11/2022	Organic	1,2-Diphenylhydrazine	n/a	<	0.3	µg/L	EPA 625.1	0.3	1			
2021/22-4	000NONPJ	matrix spike	6/6/2022	Organic	1,3-Dichlorobenzene	n/a	=	14.9	µg/L	EPA 625.1	0.42	1			
2021/22-4	000NONPJ	matrix spike, rec	6/6/2022	Organic	1,3-Dichlorobenzene	n/a	=	74	%	EPA 625.1	-88	-88	37	120	
2021/22-4	000NONPJ	matrix spike dup	6/6/2022	Organic	1,3-Dichlorobenzene	n/a	=	15.7	µg/L	EPA 625.1	0.42	1			
2021/22-4	000NONPJ	matrix spike dup, rec	6/6/2022	Organic	1,3-Dichlorobenzene	n/a	=	78	%	EPA 625.1	-88	-88	37	120	
2021/22-4	000NONPJ	matrix spike, RPD	6/6/2022	Organic	1,3-Dichlorobenzene	n/a	=	5	%	EPA 625.1	-88	-88	0	30	
2021/22-4	Lab	LCS	5/11/2022	Organic	1,3-Dichlorobenzene	n/a	=	16.8	µg/L	EPA 625.1	0.42	1			
2021/22-4	Lab	LCS, rec	5/11/2022	Organic	1,3-Dichlorobenzene	n/a	=	84	%	EPA 625.1	-88	-88	55	120	
2021/22-4	Lab	method blank	5/11/2022	Organic	1,3-Dichlorobenzene	n/a	<	0.42	µg/L	EPA 625.1	0.42	1			
2021/22-4	Lab	LCS	5/31/2022	Organic	1,3-Dichlorobenzene	n/a	=	13.6	µg/L	EPA 625.1	0.42	1			
2021/22-4	Lab	LCS, rec	5/31/2022	Organic	1,3-Dichlorobenzene	n/a	=	68	%	EPA 625.1	-88	-88	55	120	
2021/22-4	Lab	method blank	5/31/2022	Organic	1,3-Dichlorobenzene	n/a	<	0.42	µg/L	EPA 625.1	0.42	1			
2021/22-4	Lab	LCS	6/6/2022	Organic	1,3-Dichlorobenzene	n/a	=	15.1	µg/L	EPA 625.1	0.42	1			
2021/22-4	Lab	LCS, rec	6/6/2022	Organic	1,3-Dichlorobenzene	n/a	=	76	%	EPA 625.1	-88	-88	55	120	
2021/22-4	Lab	method blank	6/6/2022	Organic	1,3-Dichlorobenzene	n/a	<	0.42	µg/L	EPA 625.1	0.42	1			
2021/22-4	Lab	LCS	6/11/2022	Organic	1,3-Dichlorobenzene	n/a	=	13.3	µg/L	EPA 625.1	0.42	1			
2021/22-4	Lab	LCS, rec	6/11/2022	Organic	1,3-Dichlorobenzene	n/a	=	67	%	EPA 625.1	-88	-88	55	120	
2021/22-4	Lab	LCS dup	6/11/2022	Organic	1,3-Dichlorobenzene	n/a	=	14.3	µg/L	EPA 625.1	0.42	1			
2021/22-4	Lab	LCS dup, rec	6/11/2022	Organic	1,3-Dichlorobenzene	n/a	=	71	%	EPA 625.1	-88	-88	55	120	
2021/22-4	Lab	LCS, RPD	6/11/2022	Organic	1,3-Dichlorobenzene	n/a	=	7	%	EPA 625.1	-88	-88	0	30	
2021/22-4	Lab	method blank	6/11/2022	Organic	1,3-Dichlorobenzene	n/a	<	0.42	µg/L	EPA 625.1	0.42	1			
2021/22-4	ME-VR2	matrix spike	5/11/2022	Organic	1,3-Dichlorobenzene	n/a	=	16.4	µg/L	EPA 625.1	0.42	1			
2021/22-4	ME-VR2	matrix spike, rec	5/11/2022	Organic	1,3-Dichlorobenzene	n/a	=	82	%	EPA 625.1	-88	-88	37	120	
2021/22-4	ME-VR2	matrix spike dup	5/11/2022	Organic	1,3-Dichlorobenzene	n/a	=	16	µg/L	EPA 625.1	0.42	1			
2021/22-4	ME-VR2	matrix spike dup, rec	5/11/2022	Organic	1,3-Dichlorobenzene	n/a	=	79	%	EPA 625.1	-88	-88	37	120	
2021/22-4	ME-VR2	matrix spike, RPD	5/11/2022	Organic	1,3-Dichlorobenzene	n/a	=	2	%	EPA 625.1	-88	-88	0	30	
2021/22-4	MO-THO	matrix spike	5/31/2022	Organic	1,3-Dichlorobenzene	n/a	=	15.3	µg/L	EPA 625.1	0.42	1			
2021/22-4	MO-THO	matrix spike, rec	5/31/2022	Organic	1,3-Dichlorobenzene	n/a	=	81	%	EPA 625.1	-88	-88	37	120	
2021/22-4	MO-THO	matrix spike dup	5/31/2022	Organic	1,3-Dichlorobenzene	n/a	=	16.1	µg/L	EPA 625.1	0.42	1			
2021/22-4	MO-THO	matrix spike dup, rec	5/31/2022	Organic	1,3-Dichlorobenzene	n/a	=	85	%	EPA 625.1	-88	-88	37	120	
2021/22-4	MO-THO	matrix spike, RPD	5/31/2022	Organic	1,3-Dichlorobenzene	n/a	=	5	%	EPA 625.1	-88	-88	0	30	
2021/22-4	Lab	srgt method blank	5/10/2022	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	5.18	µg/L	EPA 525.2	-88	-88			
2021/22-4	Lab	srgt method blank, rec	5/10/2022	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	104	%	EPA 525.2	-88	-88	70	130	
2021/22-4	Lab	srgt LCS	5/10/2022	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	5.13	µg/L	EPA 525.2	-88	-88			
2021/22-4	Lab	srgt LCS, rec	5/10/2022	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	103	%	EPA 525.2	-88	-88	70	130	
2021/22-4	Lab	srgt LCS dup	5/10/2022	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	5.02	µg/L	EPA 525.2	-88	-88			
2021/22-4	Lab	srgt LCS dup, rec	5/10/2022	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	100	%	EPA 525.2	-88	-88	70	130	
2021/22-4	Lab	srgt LCS	5/26/2022	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.0465	µg/L	EPA 625.1m	-88	-88			GN
2021/22-4	Lab	srgt LCS, rec	5/26/2022	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	9	%	EPA 625.1m	-88	-88	23	148	GN
2021/22-4	Lab	srgt LCS dup	5/26/2022	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.708	µg/L	EPA 625.1m	-88	-88			
2021/22-4	Lab	srgt LCS dup, rec	5/26/2022	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	142	%	EPA 625.1m	-88	-88	23	148	
2021/22-4	Lab	srgt method blank	5/26/2022	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.357	µg/L	EPA 625.1m	-88	-88			
2021/22-4	Lab	srgt method blank, rec	5/26/2022	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	71	%	EPA 625.1m	-88	-88	23	148	
2021/22-4	Lab	srgt method blank	5/31/2022	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	4.89	µg/L	EPA 525.2	-88	-88			
2021/22-4	Lab	srgt method blank, rec	5/31/2022	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	98	%	EPA 525.2	-88	-88	70	130	
2021/22-4	Lab	srgt LCS	5/31/2022	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	4.94	µg/L	EPA 525.2	-88	-88			
2021/22-4	Lab	srgt LCS, rec	5/31/2022	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	99	%	EPA 525.2	-88	-88	70	130	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2021/22-4	Lab	srgt LCS dup	5/31/2022	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	4.97	µg/L	EPA 525.2	-88	-88			
2021/22-4	Lab	srgt LCS dup, rec	5/31/2022	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	99	%	EPA 525.2	-88	-88	70	130	
2021/22-4	Lab	srgt LCS	6/1/2022	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.419	µg/L	EPA 625.1m	-88	-88			
2021/22-4	Lab	srgt LCS, rec	6/1/2022	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	84	%	EPA 625.1m	-88	-88	23	148	
2021/22-4	Lab	srgt method blank	6/2/2022	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.438	µg/L	EPA 625.1m	-88	-88			
2021/22-4	Lab	srgt method blank, rec	6/2/2022	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	88	%	EPA 625.1m	-88	-88	23	148	
2021/22-4	Lab	srgt method blank	6/2/2022	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	4.77	µg/L	EPA 525.2	-88	-88			
2021/22-4	Lab	srgt method blank, rec	6/2/2022	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	95	%	EPA 525.2	-88	-88	70	130	
2021/22-4	Lab	srgt LCS	6/2/2022	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	4.78	µg/L	EPA 525.2	-88	-88			
2021/22-4	Lab	srgt LCS, rec	6/2/2022	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	96	%	EPA 525.2	-88	-88	70	130	
2021/22-4	Lab	srgt LCS dup	6/2/2022	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	4.89	µg/L	EPA 525.2	-88	-88			
2021/22-4	Lab	srgt LCS dup, rec	6/2/2022	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	98	%	EPA 525.2	-88	-88	70	130	
2021/22-4	ME-CC	srgt matrix spike	6/2/2022	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.564	µg/L	EPA 625.1m	-88	-88			
2021/22-4	ME-CC	srgt matrix spike, rec	6/2/2022	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	113	%	EPA 625.1m	-88	-88	23	148	
2021/22-4	ME-CC	srgt matrix spike dup	6/2/2022	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.727	µg/L	EPA 625.1m	-88	-88			
2021/22-4	ME-CC	srgt matrix spike dup, rec	6/2/2022	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	145	%	EPA 625.1m	-88	-88	23	148	
2021/22-4	ME-CC	srgt environ	6/2/2022	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.588	µg/L	EPA 625.1m	-88	-88			
2021/22-4	ME-CC	srgt environ, rec	6/2/2022	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	118	%	EPA 625.1m	-88	-88	23	148	
2021/22-4	ME-CC	srgt environ	6/2/2022	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	4.72	µg/L	EPA 525.2	-88	-88			
2021/22-4	ME-CC	srgt environ, rec	6/2/2022	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	99	%	EPA 525.2	-88	-88	70	130	
2021/22-4	ME-SCR	srgt environ	5/31/2022	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	4.52	µg/L	EPA 525.2	-88	-88			
2021/22-4	ME-SCR	srgt environ, rec	5/31/2022	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	95	%	EPA 525.2	-88	-88	70	130	
2021/22-4	ME-SCR	srgt environ	6/2/2022	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.492	µg/L	EPA 625.1m	-88	-88			
2021/22-4	ME-SCR	srgt environ, rec	6/2/2022	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	98	%	EPA 625.1m	-88	-88	23	148	
2021/22-4	ME-VR2	srgt environ	5/10/2022	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	5.34	µg/L	EPA 525.2	-88	-88			
2021/22-4	ME-VR2	srgt environ, rec	5/10/2022	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	106	%	EPA 525.2	-88	-88	70	130	
2021/22-4	ME-VR2	srgt environ	5/26/2022	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.163	µg/L	EPA 625.1m	-88	-88			
2021/22-4	ME-VR2	srgt environ, rec	5/26/2022	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	33	%	EPA 625.1m	-88	-88	23	148	
2021/22-4	MO-CAM	srgt environ	6/2/2022	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.287	µg/L	EPA 625.1m	-88	-88			
2021/22-4	MO-CAM	srgt environ, rec	6/2/2022	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	57	%	EPA 625.1m	-88	-88	23	148	
2021/22-4	MO-CAM	srgt environ	6/2/2022	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	4.78	µg/L	EPA 525.2	-88	-88			
2021/22-4	MO-CAM	srgt environ, rec	6/2/2022	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	98	%	EPA 525.2	-88	-88	70	130	
2021/22-4	MO-FIL	srgt environ	5/31/2022	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	4.67	µg/L	EPA 525.2	-88	-88			
2021/22-4	MO-FIL	srgt environ, rec	5/31/2022	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	98	%	EPA 525.2	-88	-88	70	130	
2021/22-4	MO-FIL	srgt environ	6/2/2022	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.49	µg/L	EPA 625.1m	-88	-88			
2021/22-4	MO-FIL	srgt environ, rec	6/2/2022	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	98	%	EPA 625.1m	-88	-88	23	148	
2021/22-4	MO-HUE	srgt environ	5/10/2022	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	5.46	µg/L	EPA 525.2	-88	-88			
2021/22-4	MO-HUE	srgt environ, rec	5/10/2022	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	108	%	EPA 525.2	-88	-88	70	130	
2021/22-4	MO-HUE	srgt environ	5/26/2022	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.273	µg/L	EPA 625.1m	-88	-88			
2021/22-4	MO-HUE	srgt environ, rec	5/26/2022	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	55	%	EPA 625.1m	-88	-88	23	148	
2021/22-4	MO-OJA	srgt environ	5/10/2022	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	5.16	µg/L	EPA 525.2	-88	-88			
2021/22-4	MO-OJA	srgt environ, rec	5/10/2022	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	101	%	EPA 525.2	-88	-88	70	130	
2021/22-4	MO-OJA	srgt environ	5/26/2022	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.262	µg/L	EPA 625.1m	-88	-88			
2021/22-4	MO-OJA	srgt environ, rec	5/26/2022	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	52	%	EPA 625.1m	-88	-88	23	148	
2021/22-4	MO-SIM	srgt environ	6/2/2022	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.443	µg/L	EPA 625.1m	-88	-88			
2021/22-4	MO-SIM	srgt environ, rec	6/2/2022	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	89	%	EPA 625.1m	-88	-88	23	148	
2021/22-4	MO-SIM	srgt environ	6/2/2022	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	4.62	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	
2021/22-4	MO-SIM	srgt environ, rec	6/2/2022	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	97	%	EPA 525.2	-88	-88	70	130	
2021/22-4	MO-THO	srgt environ	6/2/2022	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.457	µg/L	EPA 625.1m	-88	-88			
2021/22-4	MO-THO	srgt environ, rec	6/2/2022	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	91	%	EPA 625.1m	-88	-88	23	148	
2021/22-4	MO-THO	srgt environ	6/2/2022	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	4.59	µg/L	EPA 525.2	-88	-88			
2021/22-4	MO-THO	srgt environ, rec	6/2/2022	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	96	%	EPA 525.2	-88	-88	70	130	
2021/22-4	000NONPJ	matrix spike	6/6/2022	Organic	1,4-Dichlorobenzene	n/a	=	14.8	µg/L	EPA 625.1	0.48	1			
2021/22-4	000NONPJ	matrix spike, rec	6/6/2022	Organic	1,4-Dichlorobenzene	n/a	=	74	%	EPA 625.1	-88	-88	39	120	
2021/22-4	000NONPJ	matrix spike dup	6/6/2022	Organic	1,4-Dichlorobenzene	n/a	=	15.5	µg/L	EPA 625.1	0.48	1			
2021/22-4	000NONPJ	matrix spike dup, rec	6/6/2022	Organic	1,4-Dichlorobenzene	n/a	=	77	%	EPA 625.1	-88	-88	39	120	
2021/22-4	000NONPJ	matrix spike, RPD	6/6/2022	Organic	1,4-Dichlorobenzene	n/a	=	4	%	EPA 625.1	-88	-88	0	30	
2021/22-4	Lab	LCS	5/11/2022	Organic	1,4-Dichlorobenzene	n/a	=	16.9	µg/L	EPA 625.1	0.48	1			
2021/22-4	Lab	LCS, rec	5/11/2022	Organic	1,4-Dichlorobenzene	n/a	=	84	%	EPA 625.1	-88	-88	55	120	
2021/22-4	Lab	method blank	5/11/2022	Organic	1,4-Dichlorobenzene	n/a	<	0.48	µg/L	EPA 625.1	0.48	1			
2021/22-4	Lab	LCS	5/31/2022	Organic	1,4-Dichlorobenzene	n/a	=	13.3	µg/L	EPA 625.1	0.48	1			
2021/22-4	Lab	LCS, rec	5/31/2022	Organic	1,4-Dichlorobenzene	n/a	=	66	%	EPA 625.1	-88	-88	55	120	
2021/22-4	Lab	method blank	5/31/2022	Organic	1,4-Dichlorobenzene	n/a	<	0.48	µg/L	EPA 625.1	0.48	1			
2021/22-4	Lab	LCS	6/6/2022	Organic	1,4-Dichlorobenzene	n/a	=	15.1	µg/L	EPA 625.1	0.48	1			
2021/22-4	Lab	LCS, rec	6/6/2022	Organic	1,4-Dichlorobenzene	n/a	=	76	%	EPA 625.1	-88	-88	55	120	
2021/22-4	Lab	method blank	6/6/2022	Organic	1,4-Dichlorobenzene	n/a	<	0.48	µg/L	EPA 625.1	0.48	1			
2021/22-4	Lab	LCS	6/11/2022	Organic	1,4-Dichlorobenzene	n/a	=	13.4	µg/L	EPA 625.1	0.48	1			
2021/22-4	Lab	LCS, rec	6/11/2022	Organic	1,4-Dichlorobenzene	n/a	=	67	%	EPA 625.1	-88	-88	55	120	
2021/22-4	Lab	LCS dup	6/11/2022	Organic	1,4-Dichlorobenzene	n/a	=	14.3	µg/L	EPA 625.1	0.48	1			
2021/22-4	Lab	LCS dup, rec	6/11/2022	Organic	1,4-Dichlorobenzene	n/a	=	72	%	EPA 625.1	-88	-88	55	120	
2021/22-4	Lab	LCS, RPD	6/11/2022	Organic	1,4-Dichlorobenzene	n/a	=	7	%	EPA 625.1	-88	-88	0	30	
2021/22-4	Lab	method blank	6/11/2022	Organic	1,4-Dichlorobenzene	n/a	<	0.48	µg/L	EPA 625.1	0.48	1			
2021/22-4	ME-VR2	matrix spike	5/11/2022	Organic	1,4-Dichlorobenzene	n/a	=	16.4	µg/L	EPA 625.1	0.48	1			
2021/22-4	ME-VR2	matrix spike, rec	5/11/2022	Organic	1,4-Dichlorobenzene	n/a	=	82	%	EPA 625.1	-88	-88	39	120	
2021/22-4	ME-VR2	matrix spike dup	5/11/2022	Organic	1,4-Dichlorobenzene	n/a	=	16	µg/L	EPA 625.1	0.48	1			
2021/22-4	ME-VR2	matrix spike dup, rec	5/11/2022	Organic	1,4-Dichlorobenzene	n/a	=	79	%	EPA 625.1	-88	-88	39	120	
2021/22-4	ME-VR2	matrix spike, RPD	5/11/2022	Organic	1,4-Dichlorobenzene	n/a	=	3	%	EPA 625.1	-88	-88	0	30	
2021/22-4	MO-THO	matrix spike	5/31/2022	Organic	1,4-Dichlorobenzene	n/a	=	14.9	µg/L	EPA 625.1	0.48	1			
2021/22-4	MO-THO	matrix spike, rec	5/31/2022	Organic	1,4-Dichlorobenzene	n/a	=	78	%	EPA 625.1	-88	-88	39	120	
2021/22-4	MO-THO	matrix spike dup	5/31/2022	Organic	1,4-Dichlorobenzene	n/a	=	15.7	µg/L	EPA 625.1	0.48	1			
2021/22-4	MO-THO	matrix spike dup, rec	5/31/2022	Organic	1,4-Dichlorobenzene	n/a	=	83	%	EPA 625.1	-88	-88	39	120	
2021/22-4	MO-THO	matrix spike, RPD	5/31/2022	Organic	1,4-Dichlorobenzene	n/a	=	6	%	EPA 625.1	-88	-88	0	30	
2021/22-4	Lab	method blank	5/13/2022	Organic	1-Methylnaphthalene	n/a	<	0.024	µg/L	EPA 8270C	0.024	0.1			
2021/22-4	Lab	method blank	6/25/2022	Organic	1-Methylnaphthalene	n/a	<	0.024	µg/L	EPA 8270C	0.024	0.1			
2021/22-4	Lab	method blank	5/26/2022	Organic	2,4,5-Trichlorophenol	n/a	<	0.29	µg/L	EPA 8270C	0.29	1			
2021/22-4	Lab	method blank	6/24/2022	Organic	2,4,5-Trichlorophenol	n/a	<	0.29	µg/L	EPA 8270C	0.29	1			
2021/22-4	000NONPJ	srgt matrix spike	6/6/2022	Organic	2,4,6-Tribromophenol	n/a	=	40.7	µg/L	EPA 625.1	-88	-88			
2021/22-4	000NONPJ	srgt matrix spike, rec	6/6/2022	Organic	2,4,6-Tribromophenol	n/a	=	101	%	EPA 625.1	-88	-88	25	120	
2021/22-4	000NONPJ	srgt matrix spike dup	6/6/2022	Organic	2,4,6-Tribromophenol	n/a	=	41.4	µg/L	EPA 625.1	-88	-88			
2021/22-4	000NONPJ	srgt matrix spike dup, rec	6/6/2022	Organic	2,4,6-Tribromophenol	n/a	=	103	%	EPA 625.1	-88	-88	25	120	
2021/22-4	Lab	srgt LCS	5/11/2022	Organic	2,4,6-Tribromophenol	n/a	=	35.6	µg/L	EPA 625.1	-88	-88			
2021/22-4	Lab	srgt LCS, rec	5/11/2022	Organic	2,4,6-Tribromophenol	n/a	=	89	%	EPA 625.1	-88	-88	25	120	
2021/22-4	Lab	srgt method blank	5/11/2022	Organic	2,4,6-Tribromophenol	n/a	=	32.4	µg/L	EPA 625.1	-88	-88			
2021/22-4	Lab	srgt method blank, rec	5/11/2022	Organic	2,4,6-Tribromophenol	n/a	=	81	%	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	
2021/22-4	Lab	srgt method blank	5/26/2022	Organic	2,4,6-Tribromophenol	n/a	=	27.3	µg/L	EPA 8270C	-88	-88			
2021/22-4	Lab	srgt method blank, rec	5/26/2022	Organic	2,4,6-Tribromophenol	n/a	=	68	%	EPA 8270C	-88	-88	26	117	
2021/22-4	Lab	srgt LCS	5/26/2022	Organic	2,4,6-Tribromophenol	n/a	=	32	µg/L	EPA 8270C	-88	-88			
2021/22-4	Lab	srgt LCS, rec	5/26/2022	Organic	2,4,6-Tribromophenol	n/a	=	80	%	EPA 8270C	-88	-88	26	117	
2021/22-4	Lab	srgt LCS	5/31/2022	Organic	2,4,6-Tribromophenol	n/a	=	35.7	µg/L	EPA 625.1	-88	-88			
2021/22-4	Lab	srgt LCS, rec	5/31/2022	Organic	2,4,6-Tribromophenol	n/a	=	89	%	EPA 625.1	-88	-88	25	120	
2021/22-4	Lab	srgt method blank	5/31/2022	Organic	2,4,6-Tribromophenol	n/a	=	34.6	µg/L	EPA 625.1	-88	-88			
2021/22-4	Lab	srgt method blank, rec	5/31/2022	Organic	2,4,6-Tribromophenol	n/a	=	86	%	EPA 625.1	-88	-88	25	120	
2021/22-4	Lab	srgt LCS	6/6/2022	Organic	2,4,6-Tribromophenol	n/a	=	36.5	µg/L	EPA 625.1	-88	-88			
2021/22-4	Lab	srgt LCS, rec	6/6/2022	Organic	2,4,6-Tribromophenol	n/a	=	91	%	EPA 625.1	-88	-88	25	120	
2021/22-4	Lab	srgt method blank	6/6/2022	Organic	2,4,6-Tribromophenol	n/a	=	37.4	µg/L	EPA 625.1	-88	-88			
2021/22-4	Lab	srgt method blank, rec	6/6/2022	Organic	2,4,6-Tribromophenol	n/a	=	94	%	EPA 625.1	-88	-88	25	120	
2021/22-4	Lab	srgt LCS	6/11/2022	Organic	2,4,6-Tribromophenol	n/a	=	35.2	µg/L	EPA 625.1	-88	-88			
2021/22-4	Lab	srgt LCS, rec	6/11/2022	Organic	2,4,6-Tribromophenol	n/a	=	88	%	EPA 625.1	-88	-88	25	120	
2021/22-4	Lab	srgt LCS dup	6/11/2022	Organic	2,4,6-Tribromophenol	n/a	=	36.1	µg/L	EPA 625.1	-88	-88			
2021/22-4	Lab	srgt LCS dup, rec	6/11/2022	Organic	2,4,6-Tribromophenol	n/a	=	90	%	EPA 625.1	-88	-88	25	120	
2021/22-4	Lab	srgt method blank	6/11/2022	Organic	2,4,6-Tribromophenol	n/a	=	28.4	µg/L	EPA 625.1	-88	-88			
2021/22-4	Lab	srgt method blank, rec	6/11/2022	Organic	2,4,6-Tribromophenol	n/a	=	71	%	EPA 625.1	-88	-88	25	120	
2021/22-4	Lab	srgt method blank	6/24/2022	Organic	2,4,6-Tribromophenol	n/a	=	29	µg/L	EPA 8270C	-88	-88			
2021/22-4	Lab	srgt method blank, rec	6/24/2022	Organic	2,4,6-Tribromophenol	n/a	=	73	%	EPA 8270C	-88	-88	26	117	
2021/22-4	Lab	srgt LCS	6/24/2022	Organic	2,4,6-Tribromophenol	n/a	=	29.9	µg/L	EPA 8270C	-88	-88			
2021/22-4	Lab	srgt LCS, rec	6/24/2022	Organic	2,4,6-Tribromophenol	n/a	=	75	%	EPA 8270C	-88	-88	26	117	
2021/22-4	ME-CC	srgt environ	6/1/2022	Organic	2,4,6-Tribromophenol	n/a	=	37.9	µg/L	EPA 625.1	-88	-88			
2021/22-4	ME-CC	srgt environ, rec	6/1/2022	Organic	2,4,6-Tribromophenol	n/a	=	100	%	EPA 625.1	-88	-88	25	120	
2021/22-4	ME-CC	srgt environ	6/24/2022	Organic	2,4,6-Tribromophenol	n/a	=	31.1	µg/L	EPA 8270C	-88	-88			
2021/22-4	ME-CC	srgt environ, rec	6/24/2022	Organic	2,4,6-Tribromophenol	n/a	=	82	%	EPA 8270C	-88	-88	26	117	
2021/22-4	ME-SCR	srgt environ	6/7/2022	Organic	2,4,6-Tribromophenol	n/a	=	28.2	µg/L	EPA 625.1	-88	-88			
2021/22-4	ME-SCR	srgt environ, rec	6/7/2022	Organic	2,4,6-Tribromophenol	n/a	=	74	%	EPA 625.1	-88	-88	25	120	
2021/22-4	ME-SCR	srgt environ	6/11/2022	Organic	2,4,6-Tribromophenol	n/a	=	29.6	µg/L	EPA 625.1	-88	-88			
2021/22-4	ME-SCR	srgt environ, rec	6/11/2022	Organic	2,4,6-Tribromophenol	n/a	=	78	%	EPA 625.1	-88	-88	25	120	
2021/22-4	ME-SCR	srgt environ	6/24/2022	Organic	2,4,6-Tribromophenol	n/a	=	6.43	µg/L	EPA 8270C	-88	-88			
2021/22-4	ME-SCR	srgt environ, rec	6/24/2022	Organic	2,4,6-Tribromophenol	n/a	=	67	%	EPA 8270C	-88	-88	26	117	
2021/22-4	ME-VR2	srgt matrix spike	5/11/2022	Organic	2,4,6-Tribromophenol	n/a	=	37.2	µg/L	EPA 625.1	-88	-88			
2021/22-4	ME-VR2	srgt matrix spike, rec	5/11/2022	Organic	2,4,6-Tribromophenol	n/a	=	93	%	EPA 625.1	-88	-88	25	120	
2021/22-4	ME-VR2	srgt matrix spike dup	5/11/2022	Organic	2,4,6-Tribromophenol	n/a	=	34	µg/L	EPA 625.1	-88	-88			
2021/22-4	ME-VR2	srgt matrix spike dup, rec	5/11/2022	Organic	2,4,6-Tribromophenol	n/a	=	84	%	EPA 625.1	-88	-88	25	120	
2021/22-4	ME-VR2	srgt environ	5/12/2022	Organic	2,4,6-Tribromophenol	n/a	=	29.4	µg/L	EPA 625.1	-88	-88			
2021/22-4	ME-VR2	srgt environ, rec	5/12/2022	Organic	2,4,6-Tribromophenol	n/a	=	73	%	EPA 625.1	-88	-88	25	120	
2021/22-4	ME-VR2	srgt matrix spike	5/26/2022	Organic	2,4,6-Tribromophenol	n/a	=	29.9	µg/L	EPA 8270C	-88	-88			
2021/22-4	ME-VR2	srgt matrix spike, rec	5/26/2022	Organic	2,4,6-Tribromophenol	n/a	=	75	%	EPA 8270C	-88	-88	26	117	
2021/22-4	ME-VR2	srgt matrix spike dup	5/26/2022	Organic	2,4,6-Tribromophenol	n/a	=	31.7	µg/L	EPA 8270C	-88	-88			
2021/22-4	ME-VR2	srgt matrix spike dup, rec	5/26/2022	Organic	2,4,6-Tribromophenol	n/a	=	78	%	EPA 8270C	-88	-88	26	117	
2021/22-4	ME-VR2	srgt environ	5/26/2022	Organic	2,4,6-Tribromophenol	n/a	=	24.2	µg/L	EPA 8270C	-88	-88			
2021/22-4	ME-VR2	srgt environ, rec	5/26/2022	Organic	2,4,6-Tribromophenol	n/a	=	60	%	EPA 8270C	-88	-88	26	117	
2021/22-4	MO-CAM	srgt environ	6/1/2022	Organic	2,4,6-Tribromophenol	n/a	=	36.3	µg/L	EPA 625.1	-88	-88			
2021/22-4	MO-CAM	srgt environ, rec	6/1/2022	Organic	2,4,6-Tribromophenol	n/a	=	92	%	EPA 625.1	-88	-88	25	120	
2021/22-4	MO-CAM	srgt environ	6/24/2022	Organic	2,4,6-Tribromophenol	n/a	=	30.6	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	
2021/22-4	MO-CAM	srgt environ, rec	6/24/2022	Organic	2,4,6-Tribromophenol	n/a	=	78	%	EPA 8270C	-88	-88	26	117	
2021/22-4	MO-FIL	srgt environ	6/7/2022	Organic	2,4,6-Tribromophenol	n/a	=	28.7	µg/L	EPA 625.1	-88	-88			
2021/22-4	MO-FIL	srgt environ, rec	6/7/2022	Organic	2,4,6-Tribromophenol	n/a	=	75	%	EPA 625.1	-88	-88	25	120	
2021/22-4	MO-FIL	srgt environ	6/24/2022	Organic	2,4,6-Tribromophenol	n/a	=	8.28	µg/L	EPA 8270C	-88	-88			
2021/22-4	MO-FIL	srgt environ, rec	6/24/2022	Organic	2,4,6-Tribromophenol	n/a	=	87	%	EPA 8270C	-88	-88	26	117	
2021/22-4	MO-HUE	srgt environ	5/12/2022	Organic	2,4,6-Tribromophenol	n/a	=	33.5	µg/L	EPA 625.1	-88	-88			
2021/22-4	MO-HUE	srgt environ, rec	5/12/2022	Organic	2,4,6-Tribromophenol	n/a	=	83	%	EPA 625.1	-88	-88	25	120	
2021/22-4	MO-HUE	srgt environ	5/26/2022	Organic	2,4,6-Tribromophenol	n/a	=	29.7	µg/L	EPA 8270C	-88	-88			
2021/22-4	MO-HUE	srgt environ, rec	5/26/2022	Organic	2,4,6-Tribromophenol	n/a	=	74	%	EPA 8270C	-88	-88	26	117	
2021/22-4	MO-OJA	srgt environ	5/12/2022	Organic	2,4,6-Tribromophenol	n/a	=	32.4	µg/L	EPA 625.1	-88	-88			
2021/22-4	MO-OJA	srgt environ, rec	5/12/2022	Organic	2,4,6-Tribromophenol	n/a	=	79	%	EPA 625.1	-88	-88	25	120	
2021/22-4	MO-OJA	srgt environ	5/26/2022	Organic	2,4,6-Tribromophenol	n/a	=	31.6	µg/L	EPA 8270C	-88	-88			
2021/22-4	MO-OJA	srgt environ, rec	5/26/2022	Organic	2,4,6-Tribromophenol	n/a	=	77	%	EPA 8270C	-88	-88	26	117	
2021/22-4	MO-SIM	srgt environ	6/1/2022	Organic	2,4,6-Tribromophenol	n/a	=	30.9	µg/L	EPA 625.1	-88	-88			
2021/22-4	MO-SIM	srgt environ, rec	6/1/2022	Organic	2,4,6-Tribromophenol	n/a	=	81	%	EPA 625.1	-88	-88	25	120	
2021/22-4	MO-SIM	srgt environ	6/24/2022	Organic	2,4,6-Tribromophenol	n/a	=	27.2	µg/L	EPA 8270C	-88	-88			
2021/22-4	MO-SIM	srgt environ, rec	6/24/2022	Organic	2,4,6-Tribromophenol	n/a	=	72	%	EPA 8270C	-88	-88	26	117	
2021/22-4	MO-THO	srgt matrix spike	5/31/2022	Organic	2,4,6-Tribromophenol	n/a	=	35.6	µg/L	EPA 625.1	-88	-88			
2021/22-4	MO-THO	srgt matrix spike, rec	5/31/2022	Organic	2,4,6-Tribromophenol	n/a	=	94	%	EPA 625.1	-88	-88	25	120	
2021/22-4	MO-THO	srgt matrix spike dup	5/31/2022	Organic	2,4,6-Tribromophenol	n/a	=	35.1	µg/L	EPA 625.1	-88	-88			
2021/22-4	MO-THO	srgt matrix spike dup, rec	5/31/2022	Organic	2,4,6-Tribromophenol	n/a	=	93	%	EPA 625.1	-88	-88	25	120	
2021/22-4	MO-THO	srgt environ	6/1/2022	Organic	2,4,6-Tribromophenol	n/a	=	26.1	µg/L	EPA 625.1	-88	-88			
2021/22-4	MO-THO	srgt environ, rec	6/1/2022	Organic	2,4,6-Tribromophenol	n/a	=	69	%	EPA 625.1	-88	-88	25	120	
2021/22-4	MO-THO	srgt matrix spike	6/24/2022	Organic	2,4,6-Tribromophenol	n/a	=	29.1	µg/L	EPA 8270C	-88	-88			
2021/22-4	MO-THO	srgt matrix spike, rec	6/24/2022	Organic	2,4,6-Tribromophenol	n/a	=	77	%	EPA 8270C	-88	-88	26	117	
2021/22-4	MO-THO	srgt matrix spike dup	6/24/2022	Organic	2,4,6-Tribromophenol	n/a	=	28.3	µg/L	EPA 8270C	-88	-88			
2021/22-4	MO-THO	srgt matrix spike dup, rec	6/24/2022	Organic	2,4,6-Tribromophenol	n/a	=	75	%	EPA 8270C	-88	-88	26	117	
2021/22-4	MO-THO	srgt environ	6/24/2022	Organic	2,4,6-Tribromophenol	n/a	=	23.4	µg/L	EPA 8270C	-88	-88			
2021/22-4	MO-THO	srgt environ, rec	6/24/2022	Organic	2,4,6-Tribromophenol	n/a	=	62	%	EPA 8270C	-88	-88	26	117	
2021/22-4	000NONPJ	matrix spike	6/6/2022	Organic	2,4,6-Trichlorophenol	n/a	=	20	µg/L	EPA 625.1	0.22	1			
2021/22-4	000NONPJ	matrix spike, rec	6/6/2022	Organic	2,4,6-Trichlorophenol	n/a	=	99	%	EPA 625.1	-88	-88	37	144	
2021/22-4	000NONPJ	matrix spike dup	6/6/2022	Organic	2,4,6-Trichlorophenol	n/a	=	20.2	µg/L	EPA 625.1	0.22	1			
2021/22-4	000NONPJ	matrix spike dup, rec	6/6/2022	Organic	2,4,6-Trichlorophenol	n/a	=	100	%	EPA 625.1	-88	-88	37	144	
2021/22-4	000NONPJ	matrix spike, RPD	6/6/2022	Organic	2,4,6-Trichlorophenol	n/a	=	1	%	EPA 625.1	-88	-88	0	30	
2021/22-4	Lab	LCS	5/11/2022	Organic	2,4,6-Trichlorophenol	n/a	=	18.4	µg/L	EPA 625.1	0.22	1			
2021/22-4	Lab	LCS, rec	5/11/2022	Organic	2,4,6-Trichlorophenol	n/a	=	92	%	EPA 625.1	-88	-88	52	129	
2021/22-4	Lab	method blank	5/11/2022	Organic	2,4,6-Trichlorophenol	n/a	<	0.22	µg/L	EPA 625.1	0.22	1			
2021/22-4	Lab	method blank	5/26/2022	Organic	2,4,6-Trichlorophenol	n/a	<	0.3	µg/L	EPA 8270C	0.3	1			
2021/22-4	Lab	LCS	5/26/2022	Organic	2,4,6-Trichlorophenol	n/a	=	18.2	µg/L	EPA 8270C	0.3	1			
2021/22-4	Lab	LCS, rec	5/26/2022	Organic	2,4,6-Trichlorophenol	n/a	=	91	%	EPA 8270C	-88	-88	30	115	
2021/22-4	Lab	LCS	5/31/2022	Organic	2,4,6-Trichlorophenol	n/a	=	19.8	µg/L	EPA 625.1	0.22	1			
2021/22-4	Lab	LCS, rec	5/31/2022	Organic	2,4,6-Trichlorophenol	n/a	=	99	%	EPA 625.1	-88	-88	52	129	
2021/22-4	Lab	method blank	5/31/2022	Organic	2,4,6-Trichlorophenol	n/a	<	0.22	µg/L	EPA 625.1	0.22	1			
2021/22-4	Lab	LCS	6/6/2022	Organic	2,4,6-Trichlorophenol	n/a	=	19.3	µg/L	EPA 625.1	0.22	1			
2021/22-4	Lab	LCS, rec	6/6/2022	Organic	2,4,6-Trichlorophenol	n/a	=	96	%	EPA 625.1	-88	-88	52	129	
2021/22-4	Lab	method blank	6/6/2022	Organic	2,4,6-Trichlorophenol	n/a	<	0.22	µg/L	EPA 625.1	0.22	1			
2021/22-4	Lab	LCS	6/11/2022	Organic	2,4,6-Trichlorophenol	n/a	=	16.6	µg/L	EPA 625.1	0.22	1			

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2021/22-4	Lab	LCS, rec	6/11/2022	Organic	2,4,6-Trichlorophenol	n/a	=	83	%	EPA 625.1	-88	-88	52	129	
2021/22-4	Lab	LCS dup	6/11/2022	Organic	2,4,6-Trichlorophenol	n/a	=	16.9	µg/L	EPA 625.1	0.22	1			
2021/22-4	Lab	LCS dup, rec	6/11/2022	Organic	2,4,6-Trichlorophenol	n/a	=	84	%	EPA 625.1	-88	-88	52	129	
2021/22-4	Lab	LCS, RPD	6/11/2022	Organic	2,4,6-Trichlorophenol	n/a	=	2	%	EPA 625.1	-88	-88	0	30	
2021/22-4	Lab	method blank	6/11/2022	Organic	2,4,6-Trichlorophenol	n/a	<	0.22	µg/L	EPA 625.1	0.22	1			
2021/22-4	Lab	method blank	6/24/2022	Organic	2,4,6-Trichlorophenol	n/a	<	0.3	µg/L	EPA 8270C	0.3	1			
2021/22-4	Lab	LCS	6/24/2022	Organic	2,4,6-Trichlorophenol	n/a	=	15.7	µg/L	EPA 8270C	0.3	1			
2021/22-4	Lab	LCS, rec	6/24/2022	Organic	2,4,6-Trichlorophenol	n/a	=	79	%	EPA 8270C	-88	-88	30	115	
2021/22-4	ME-VR2	matrix spike	5/11/2022	Organic	2,4,6-Trichlorophenol	n/a	=	18.6	µg/L	EPA 625.1	0.22	1			
2021/22-4	ME-VR2	matrix spike, rec	5/11/2022	Organic	2,4,6-Trichlorophenol	n/a	=	93	%	EPA 625.1	-88	-88	37	144	
2021/22-4	ME-VR2	matrix spike dup	5/11/2022	Organic	2,4,6-Trichlorophenol	n/a	=	17.1	µg/L	EPA 625.1	0.22	1			
2021/22-4	ME-VR2	matrix spike dup, rec	5/11/2022	Organic	2,4,6-Trichlorophenol	n/a	=	84	%	EPA 625.1	-88	-88	37	144	
2021/22-4	ME-VR2	matrix spike, RPD	5/11/2022	Organic	2,4,6-Trichlorophenol	n/a	=	9	%	EPA 625.1	-88	-88	0	30	
2021/22-4	MO-THO	matrix spike	5/31/2022	Organic	2,4,6-Trichlorophenol	n/a	=	18.4	µg/L	EPA 625.1	0.22	1			
2021/22-4	MO-THO	matrix spike, rec	5/31/2022	Organic	2,4,6-Trichlorophenol	n/a	=	97	%	EPA 625.1	-88	-88	37	144	
2021/22-4	MO-THO	matrix spike dup	5/31/2022	Organic	2,4,6-Trichlorophenol	n/a	=	17.7	µg/L	EPA 625.1	0.22	1			
2021/22-4	MO-THO	matrix spike dup, rec	5/31/2022	Organic	2,4,6-Trichlorophenol	n/a	=	94	%	EPA 625.1	-88	-88	37	144	
2021/22-4	MO-THO	matrix spike, RPD	5/31/2022	Organic	2,4,6-Trichlorophenol	n/a	=	3	%	EPA 625.1	-88	-88	0	30	
2021/22-4	000NONPJ	matrix spike	6/6/2022	Organic	2,4-Dichlorophenol	n/a	=	19.9	µg/L	EPA 625.1	0.26	1			
2021/22-4	000NONPJ	matrix spike, rec	6/6/2022	Organic	2,4-Dichlorophenol	n/a	=	99	%	EPA 625.1	-88	-88	39	135	
2021/22-4	000NONPJ	matrix spike dup	6/6/2022	Organic	2,4-Dichlorophenol	n/a	=	20	µg/L	EPA 625.1	0.26	1			
2021/22-4	000NONPJ	matrix spike dup, rec	6/6/2022	Organic	2,4-Dichlorophenol	n/a	=	99	%	EPA 625.1	-88	-88	39	135	
2021/22-4	000NONPJ	matrix spike, RPD	6/6/2022	Organic	2,4-Dichlorophenol	n/a	=	0.2	%	EPA 625.1	-88	-88	0	30	
2021/22-4	Lab	LCS	5/11/2022	Organic	2,4-Dichlorophenol	n/a	=	20.2	µg/L	EPA 625.1	0.26	1			
2021/22-4	Lab	LCS, rec	5/11/2022	Organic	2,4-Dichlorophenol	n/a	=	101	%	EPA 625.1	-88	-88	53	122	
2021/22-4	Lab	method blank	5/11/2022	Organic	2,4-Dichlorophenol	n/a	<	0.26	µg/L	EPA 625.1	0.26	1			
2021/22-4	Lab	method blank	5/26/2022	Organic	2,4-Dichlorophenol	n/a	<	0.51	µg/L	EPA 8270C	0.51	1			
2021/22-4	Lab	LCS	5/26/2022	Organic	2,4-Dichlorophenol	n/a	=	17.7	µg/L	EPA 8270C	0.51	1			
2021/22-4	Lab	LCS, rec	5/26/2022	Organic	2,4-Dichlorophenol	n/a	=	88	%	EPA 8270C	-88	-88	32	105	
2021/22-4	Lab	LCS	5/31/2022	Organic	2,4-Dichlorophenol	n/a	=	17.5	µg/L	EPA 625.1	0.26	1			
2021/22-4	Lab	LCS, rec	5/31/2022	Organic	2,4-Dichlorophenol	n/a	=	87	%	EPA 625.1	-88	-88	53	122	
2021/22-4	Lab	method blank	5/31/2022	Organic	2,4-Dichlorophenol	n/a	<	0.26	µg/L	EPA 625.1	0.26	1			
2021/22-4	Lab	LCS	6/6/2022	Organic	2,4-Dichlorophenol	n/a	=	19.9	µg/L	EPA 625.1	0.26	1			
2021/22-4	Lab	LCS, rec	6/6/2022	Organic	2,4-Dichlorophenol	n/a	=	100	%	EPA 625.1	-88	-88	53	122	
2021/22-4	Lab	method blank	6/6/2022	Organic	2,4-Dichlorophenol	n/a	<	0.26	µg/L	EPA 625.1	0.26	1			
2021/22-4	Lab	LCS	6/11/2022	Organic	2,4-Dichlorophenol	n/a	=	16.6	µg/L	EPA 625.1	0.26	1			
2021/22-4	Lab	LCS, rec	6/11/2022	Organic	2,4-Dichlorophenol	n/a	=	83	%	EPA 625.1	-88	-88	53	122	
2021/22-4	Lab	LCS dup	6/11/2022	Organic	2,4-Dichlorophenol	n/a	=	17.3	µg/L	EPA 625.1	0.26	1			
2021/22-4	Lab	LCS dup, rec	6/11/2022	Organic	2,4-Dichlorophenol	n/a	=	87	%	EPA 625.1	-88	-88	53	122	
2021/22-4	Lab	LCS, RPD	6/11/2022	Organic	2,4-Dichlorophenol	n/a	=	4	%	EPA 625.1	-88	-88	0	30	
2021/22-4	Lab	method blank	6/11/2022	Organic	2,4-Dichlorophenol	n/a	<	0.26	µg/L	EPA 625.1	0.26	1			
2021/22-4	Lab	method blank	6/24/2022	Organic	2,4-Dichlorophenol	n/a	<	0.51	µg/L	EPA 8270C	0.51	1			
2021/22-4	Lab	LCS	6/24/2022	Organic	2,4-Dichlorophenol	n/a	=	15.7	µg/L	EPA 8270C	0.51	1			
2021/22-4	Lab	LCS, rec	6/24/2022	Organic	2,4-Dichlorophenol	n/a	=	79	%	EPA 8270C	-88	-88	32	105	
2021/22-4	ME-VR2	matrix spike	5/11/2022	Organic	2,4-Dichlorophenol	n/a	=	20.3	µg/L	EPA 625.1	0.26	1			
2021/22-4	ME-VR2	matrix spike, rec	5/11/2022	Organic	2,4-Dichlorophenol	n/a	=	101	%	EPA 625.1	-88	-88	39	135	
2021/22-4	ME-VR2	matrix spike dup	5/11/2022	Organic	2,4-Dichlorophenol	n/a	=	19.1	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	
2021/22-4	ME-VR2	matrix spike dup, rec	5/11/2022	Organic	2,4-Dichlorophenol	n/a	=	94	%	EPA 625.1	-88	-88	39	135	
2021/22-4	ME-VR2	matrix spike, RPD	5/11/2022	Organic	2,4-Dichlorophenol	n/a	=	6	%	EPA 625.1	-88	-88	0	30	
2021/22-4	MO-THO	matrix spike	5/31/2022	Organic	2,4-Dichlorophenol	n/a	=	17.8	µg/L	EPA 625.1	0.26	1			
2021/22-4	MO-THO	matrix spike, rec	5/31/2022	Organic	2,4-Dichlorophenol	n/a	=	94	%	EPA 625.1	-88	-88	39	135	
2021/22-4	MO-THO	matrix spike dup	5/31/2022	Organic	2,4-Dichlorophenol	n/a	=	17.4	µg/L	EPA 625.1	0.26	1			
2021/22-4	MO-THO	matrix spike dup, rec	5/31/2022	Organic	2,4-Dichlorophenol	n/a	=	92	%	EPA 625.1	-88	-88	39	135	
2021/22-4	MO-THO	matrix spike, RPD	5/31/2022	Organic	2,4-Dichlorophenol	n/a	=	2	%	EPA 625.1	-88	-88	0	30	
2021/22-4	000NONPJ	srgt matrix spike	5/12/2022	Organic	2,4-Dichlorophenylacetic acid	n/a	=	9.6	µg/L	EPA 515.4	-88	-88			
2021/22-4	000NONPJ	srgt matrix spike, rec	5/12/2022	Organic	2,4-Dichlorophenylacetic acid	n/a	=	96	%	EPA 515.4	-88	-88	70	130	
2021/22-4	000NONPJ	srgt matrix spike dup	5/12/2022	Organic	2,4-Dichlorophenylacetic acid	n/a	=	9.84	µg/L	EPA 515.4	-88	-88			
2021/22-4	000NONPJ	srgt matrix spike dup, rec	5/12/2022	Organic	2,4-Dichlorophenylacetic acid	n/a	=	98	%	EPA 515.4	-88	-88	70	130	
2021/22-4	Lab	srgt method blank	5/12/2022	Organic	2,4-Dichlorophenylacetic acid	n/a	=	9.12	µg/L	EPA 515.4	-88	-88			
2021/22-4	Lab	srgt method blank, rec	5/12/2022	Organic	2,4-Dichlorophenylacetic acid	n/a	=	91	%	EPA 515.4	-88	-88	70	130	
2021/22-4	Lab	srgt LCS	5/12/2022	Organic	2,4-Dichlorophenylacetic acid	n/a	=	9.46	µg/L	EPA 515.4	-88	-88			
2021/22-4	Lab	srgt LCS, rec	5/12/2022	Organic	2,4-Dichlorophenylacetic acid	n/a	=	95	%	EPA 515.4	-88	-88	70	130	
2021/22-4	Lab	srgt method blank	5/28/2022	Organic	2,4-Dichlorophenylacetic acid	n/a	=	8.95	µg/L	EPA 515.4	-88	-88			
2021/22-4	Lab	srgt method blank, rec	5/28/2022	Organic	2,4-Dichlorophenylacetic acid	n/a	=	90	%	EPA 515.4	-88	-88	70	130	
2021/22-4	Lab	srgt LCS	5/28/2022	Organic	2,4-Dichlorophenylacetic acid	n/a	=	9.82	µg/L	EPA 515.4	-88	-88			
2021/22-4	Lab	srgt LCS, rec	5/28/2022	Organic	2,4-Dichlorophenylacetic acid	n/a	=	98	%	EPA 515.4	-88	-88	70	130	
2021/22-4	ME-CC	srgt environ	5/28/2022	Organic	2,4-Dichlorophenylacetic acid	n/a	=	9.23	µg/L	EPA 515.4	-88	-88			
2021/22-4	ME-CC	srgt environ, rec	5/28/2022	Organic	2,4-Dichlorophenylacetic acid	n/a	=	92	%	EPA 515.4	-88	-88	70	130	
2021/22-4	ME-SCR	srgt matrix spike	5/28/2022	Organic	2,4-Dichlorophenylacetic acid	n/a	=	9.69	µg/L	EPA 515.4	-88	-88			
2021/22-4	ME-SCR	srgt matrix spike, rec	5/28/2022	Organic	2,4-Dichlorophenylacetic acid	n/a	=	97	%	EPA 515.4	-88	-88	70	130	
2021/22-4	ME-SCR	srgt matrix spike dup	5/28/2022	Organic	2,4-Dichlorophenylacetic acid	n/a	=	10	µg/L	EPA 515.4	-88	-88			
2021/22-4	ME-SCR	srgt matrix spike dup, rec	5/28/2022	Organic	2,4-Dichlorophenylacetic acid	n/a	=	100	%	EPA 515.4	-88	-88	70	130	
2021/22-4	ME-SCR	srgt environ	5/28/2022	Organic	2,4-Dichlorophenylacetic acid	n/a	=	9.41	µg/L	EPA 515.4	-88	-88			
2021/22-4	ME-SCR	srgt environ, rec	5/28/2022	Organic	2,4-Dichlorophenylacetic acid	n/a	=	94	%	EPA 515.4	-88	-88	70	130	
2021/22-4	ME-VR2	srgt environ	5/12/2022	Organic	2,4-Dichlorophenylacetic acid	n/a	=	9.34	µg/L	EPA 515.4	-88	-88			
2021/22-4	ME-VR2	srgt environ, rec	5/12/2022	Organic	2,4-Dichlorophenylacetic acid	n/a	=	93	%	EPA 515.4	-88	-88	70	130	
2021/22-4	MO-CAM	srgt environ	5/28/2022	Organic	2,4-Dichlorophenylacetic acid	n/a	=	9.06	µg/L	EPA 515.4	-88	-88			
2021/22-4	MO-CAM	srgt environ, rec	5/28/2022	Organic	2,4-Dichlorophenylacetic acid	n/a	=	91	%	EPA 515.4	-88	-88	70	130	
2021/22-4	MO-FIL	srgt environ	5/28/2022	Organic	2,4-Dichlorophenylacetic acid	n/a	=	9.33	µg/L	EPA 515.4	-88	-88			
2021/22-4	MO-FIL	srgt environ, rec	5/28/2022	Organic	2,4-Dichlorophenylacetic acid	n/a	=	93	%	EPA 515.4	-88	-88	70	130	
2021/22-4	MO-HUE	srgt environ	5/12/2022	Organic	2,4-Dichlorophenylacetic acid	n/a	=	8.94	µg/L	EPA 515.4	-88	-88			
2021/22-4	MO-HUE	srgt environ, rec	5/12/2022	Organic	2,4-Dichlorophenylacetic acid	n/a	=	89	%	EPA 515.4	-88	-88	70	130	
2021/22-4	MO-OJA	srgt environ	5/12/2022	Organic	2,4-Dichlorophenylacetic acid	n/a	=	9.37	µg/L	EPA 515.4	-88	-88			
2021/22-4	MO-OJA	srgt environ, rec	5/12/2022	Organic	2,4-Dichlorophenylacetic acid	n/a	=	94	%	EPA 515.4	-88	-88	70	130	
2021/22-4	MO-SIM	srgt environ	5/28/2022	Organic	2,4-Dichlorophenylacetic acid	n/a	=	8.87	µg/L	EPA 515.4	-88	-88			
2021/22-4	MO-SIM	srgt environ, rec	5/28/2022	Organic	2,4-Dichlorophenylacetic acid	n/a	=	89	%	EPA 515.4	-88	-88	70	130	
2021/22-4	MO-THO	srgt environ	5/29/2022	Organic	2,4-Dichlorophenylacetic acid	n/a	=	9.63	µg/L	EPA 515.4	-88	-88			
2021/22-4	MO-THO	srgt environ, rec	5/29/2022	Organic	2,4-Dichlorophenylacetic acid	n/a	=	96	%	EPA 515.4	-88	-88	70	130	
2021/22-4	000NONPJ	matrix spike	6/6/2022	Organic	2,4-Dimethylphenol	n/a	=	17.8	µg/L	EPA 625.1	0.76	1			
2021/22-4	000NONPJ	matrix spike, rec	6/6/2022	Organic	2,4-Dimethylphenol	n/a	=	89	%	EPA 625.1	-88	-88	32	130	
2021/22-4	000NONPJ	matrix spike dup	6/6/2022	Organic	2,4-Dimethylphenol	n/a	=	18.4	µg/L	EPA 625.1	0.76	1			
2021/22-4	000NONPJ	matrix spike dup, rec	6/6/2022	Organic	2,4-Dimethylphenol	n/a	=	92	%	EPA 625.1	-88	-88	32	130	
2021/22-4	000NONPJ	matrix spike, RPD	6/6/2022	Organic	2,4-Dimethylphenol	n/a	=	3	%	EPA 625.1	-88	-88	0	30	
2021/22-4	Lab	LCS	5/11/2022	Organic	2,4-Dimethylphenol	n/a	=	18.8	µg/L	EPA 625.1	0.76	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	
2021/22-4	Lab	LCS, rec	5/11/2022	Organic	2,4-Dimethylphenol	n/a	=	94	%	EPA 625.1	-88	-88	42	120	
2021/22-4	Lab	method blank	5/11/2022	Organic	2,4-Dimethylphenol	n/a	<	0.76	µg/L	EPA 625.1	0.76	1			
2021/22-4	Lab	method blank	5/26/2022	Organic	2,4-Dimethylphenol	n/a	<	1	µg/L	EPA 8270C	1	2			
2021/22-4	Lab	LCS	5/26/2022	Organic	2,4-Dimethylphenol	n/a	=	17	µg/L	EPA 8270C	1	2			
2021/22-4	Lab	LCS, rec	5/26/2022	Organic	2,4-Dimethylphenol	n/a	=	85	%	EPA 8270C	-88	-88	31	97	
2021/22-4	Lab	LCS	5/31/2022	Organic	2,4-Dimethylphenol	n/a	=	14.2	µg/L	EPA 625.1	0.76	1			
2021/22-4	Lab	LCS, rec	5/31/2022	Organic	2,4-Dimethylphenol	n/a	=	71	%	EPA 625.1	-88	-88	42	120	
2021/22-4	Lab	method blank	5/31/2022	Organic	2,4-Dimethylphenol	n/a	<	0.76	µg/L	EPA 625.1	0.76	1			
2021/22-4	Lab	LCS	6/6/2022	Organic	2,4-Dimethylphenol	n/a	=	17.4	µg/L	EPA 625.1	0.76	1			
2021/22-4	Lab	LCS, rec	6/6/2022	Organic	2,4-Dimethylphenol	n/a	=	87	%	EPA 625.1	-88	-88	42	120	
2021/22-4	Lab	method blank	6/6/2022	Organic	2,4-Dimethylphenol	n/a	<	0.76	µg/L	EPA 625.1	0.76	1			
2021/22-4	Lab	LCS	6/11/2022	Organic	2,4-Dimethylphenol	n/a	=	15.9	µg/L	EPA 625.1	0.76	1			
2021/22-4	Lab	LCS, rec	6/11/2022	Organic	2,4-Dimethylphenol	n/a	=	80	%	EPA 625.1	-88	-88	42	120	
2021/22-4	Lab	LCS dup	6/11/2022	Organic	2,4-Dimethylphenol	n/a	=	15.4	µg/L	EPA 625.1	0.76	1			
2021/22-4	Lab	LCS dup, rec	6/11/2022	Organic	2,4-Dimethylphenol	n/a	=	77	%	EPA 625.1	-88	-88	42	120	
2021/22-4	Lab	LCS, RPD	6/11/2022	Organic	2,4-Dimethylphenol	n/a	=	3	%	EPA 625.1	-88	-88	0	30	
2021/22-4	Lab	method blank	6/11/2022	Organic	2,4-Dimethylphenol	n/a	<	0.76	µg/L	EPA 625.1	0.76	1			
2021/22-4	Lab	method blank	6/24/2022	Organic	2,4-Dimethylphenol	n/a	<	1	µg/L	EPA 8270C	1	2			
2021/22-4	Lab	LCS	6/24/2022	Organic	2,4-Dimethylphenol	n/a	=	15.6	µg/L	EPA 8270C	1	2			
2021/22-4	Lab	LCS, rec	6/24/2022	Organic	2,4-Dimethylphenol	n/a	=	78	%	EPA 8270C	-88	-88	31	97	
2021/22-4	ME-VR2	matrix spike	5/11/2022	Organic	2,4-Dimethylphenol	n/a	=	18.6	µg/L	EPA 625.1	0.76	1			
2021/22-4	ME-VR2	matrix spike, rec	5/11/2022	Organic	2,4-Dimethylphenol	n/a	=	93	%	EPA 625.1	-88	-88	32	130	
2021/22-4	ME-VR2	matrix spike dup	5/11/2022	Organic	2,4-Dimethylphenol	n/a	=	18.3	µg/L	EPA 625.1	0.76	1			
2021/22-4	ME-VR2	matrix spike dup, rec	5/11/2022	Organic	2,4-Dimethylphenol	n/a	=	90	%	EPA 625.1	-88	-88	32	130	
2021/22-4	ME-VR2	matrix spike, RPD	5/11/2022	Organic	2,4-Dimethylphenol	n/a	=	1	%	EPA 625.1	-88	-88	0	30	
2021/22-4	MO-THO	matrix spike	5/31/2022	Organic	2,4-Dimethylphenol	n/a	=	15.5	µg/L	EPA 625.1	0.76	1			
2021/22-4	MO-THO	matrix spike, rec	5/31/2022	Organic	2,4-Dimethylphenol	n/a	=	82	%	EPA 625.1	-88	-88	32	130	
2021/22-4	MO-THO	matrix spike dup	5/31/2022	Organic	2,4-Dimethylphenol	n/a	=	16.1	µg/L	EPA 625.1	0.76	1			
2021/22-4	MO-THO	matrix spike dup, rec	5/31/2022	Organic	2,4-Dimethylphenol	n/a	=	85	%	EPA 625.1	-88	-88	32	130	
2021/22-4	MO-THO	matrix spike, RPD	5/31/2022	Organic	2,4-Dimethylphenol	n/a	=	4	%	EPA 625.1	-88	-88	0	30	
2021/22-4	000NONPJ	matrix spike	6/6/2022	Organic	2,4-Dinitrophenol	n/a	=	26.3	µg/L	EPA 625.1	1.9	10			
2021/22-4	000NONPJ	matrix spike, rec	6/6/2022	Organic	2,4-Dinitrophenol	n/a	=	131	%	EPA 625.1	-88	-88	0.1	191	
2021/22-4	000NONPJ	matrix spike dup	6/6/2022	Organic	2,4-Dinitrophenol	n/a	=	28.4	µg/L	EPA 625.1	1.9	10			
2021/22-4	000NONPJ	matrix spike dup, rec	6/6/2022	Organic	2,4-Dinitrophenol	n/a	=	141	%	EPA 625.1	-88	-88	0.1	191	
2021/22-4	000NONPJ	matrix spike, RPD	6/6/2022	Organic	2,4-Dinitrophenol	n/a	=	8	%	EPA 625.1	-88	-88	0	30	
2021/22-4	Lab	LCS	5/11/2022	Organic	2,4-Dinitrophenol	n/a	=	24.8	µg/L	EPA 625.1	1.9	10			
2021/22-4	Lab	LCS, rec	5/11/2022	Organic	2,4-Dinitrophenol	n/a	=	124	%	EPA 625.1	-88	-88	0.1	173	
2021/22-4	Lab	method blank	5/11/2022	Organic	2,4-Dinitrophenol	n/a	<	1.9	µg/L	EPA 625.1	1.9	10			
2021/22-4	Lab	method blank	5/26/2022	Organic	2,4-Dinitrophenol	n/a	<	1	µg/L	EPA 8270C	1	2			
2021/22-4	Lab	LCS	5/26/2022	Organic	2,4-Dinitrophenol	n/a	=	21.5	µg/L	EPA 8270C	1	2			
2021/22-4	Lab	LCS, rec	5/26/2022	Organic	2,4-Dinitrophenol	n/a	=	108	%	EPA 8270C	-88	-88	7	155	
2021/22-4	Lab	LCS	5/31/2022	Organic	2,4-Dinitrophenol	n/a	=	25.3	µg/L	EPA 625.1	1.9	10			
2021/22-4	Lab	LCS, rec	5/31/2022	Organic	2,4-Dinitrophenol	n/a	=	127	%	EPA 625.1	-88	-88	0.1	173	
2021/22-4	Lab	method blank	5/31/2022	Organic	2,4-Dinitrophenol	n/a	<	1.9	µg/L	EPA 625.1	1.9	10			
2021/22-4	Lab	LCS	6/6/2022	Organic	2,4-Dinitrophenol	n/a	=	22.4	µg/L	EPA 625.1	1.9	10			
2021/22-4	Lab	LCS, rec	6/6/2022	Organic	2,4-Dinitrophenol	n/a	=	112	%	EPA 625.1	-88	-88	0.1	173	
2021/22-4	Lab	method blank	6/6/2022	Organic	2,4-Dinitrophenol	n/a	<	1.9	µg/L	EPA 625.1	1.9	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	
2021/22-4	Lab	LCS	6/11/2022	Organic	2,4-Dinitrophenol	n/a	=	19.4	µg/L	EPA 625.1	1.9	10			
2021/22-4	Lab	LCS, rec	6/11/2022	Organic	2,4-Dinitrophenol	n/a	=	97	%	EPA 625.1	-88	-88	0.1	173	
2021/22-4	Lab	LCS dup	6/11/2022	Organic	2,4-Dinitrophenol	n/a	=	21.2	µg/L	EPA 625.1	1.9	10			
2021/22-4	Lab	LCS dup, rec	6/11/2022	Organic	2,4-Dinitrophenol	n/a	=	106	%	EPA 625.1	-88	-88	0.1	173	
2021/22-4	Lab	LCS, RPD	6/11/2022	Organic	2,4-Dinitrophenol	n/a	=	9	%	EPA 625.1	-88	-88	0	30	
2021/22-4	Lab	method blank	6/11/2022	Organic	2,4-Dinitrophenol	n/a	<	1.9	µg/L	EPA 625.1	1.9	10			
2021/22-4	Lab	method blank	6/24/2022	Organic	2,4-Dinitrophenol	n/a	<	1	µg/L	EPA 8270C	1	2			
2021/22-4	Lab	LCS	6/24/2022	Organic	2,4-Dinitrophenol	n/a	=	19.4	µg/L	EPA 8270C	1	2			
2021/22-4	Lab	LCS, rec	6/24/2022	Organic	2,4-Dinitrophenol	n/a	=	97	%	EPA 8270C	-88	-88	7	155	
2021/22-4	ME-VR2	matrix spike	5/11/2022	Organic	2,4-Dinitrophenol	n/a	=	25.6	µg/L	EPA 625.1	1.9	10			
2021/22-4	ME-VR2	matrix spike, rec	5/11/2022	Organic	2,4-Dinitrophenol	n/a	=	127	%	EPA 625.1	-88	-88	0.1	191	
2021/22-4	ME-VR2	matrix spike dup	5/11/2022	Organic	2,4-Dinitrophenol	n/a	=	23.3	µg/L	EPA 625.1	1.9	10			
2021/22-4	ME-VR2	matrix spike dup, rec	5/11/2022	Organic	2,4-Dinitrophenol	n/a	=	115	%	EPA 625.1	-88	-88	0.1	191	
2021/22-4	ME-VR2	matrix spike, RPD	5/11/2022	Organic	2,4-Dinitrophenol	n/a	=	9	%	EPA 625.1	-88	-88	0	30	
2021/22-4	MO-THO	matrix spike	5/31/2022	Organic	2,4-Dinitrophenol	n/a	=	24.1	µg/L	EPA 625.1	1.9	10			
2021/22-4	MO-THO	matrix spike, rec	5/31/2022	Organic	2,4-Dinitrophenol	n/a	=	127	%	EPA 625.1	-88	-88	0.1	191	
2021/22-4	MO-THO	matrix spike dup	5/31/2022	Organic	2,4-Dinitrophenol	n/a	=	22.3	µg/L	EPA 625.1	1.9	10			
2021/22-4	MO-THO	matrix spike dup, rec	5/31/2022	Organic	2,4-Dinitrophenol	n/a	=	118	%	EPA 625.1	-88	-88	0.1	191	
2021/22-4	MO-THO	matrix spike, RPD	5/31/2022	Organic	2,4-Dinitrophenol	n/a	=	8	%	EPA 625.1	-88	-88	0	30	
2021/22-4	000NONPJ	matrix spike	6/6/2022	Organic	2,4-Dinitrotoluene	n/a	=	16.8	µg/L	EPA 625.1	0.46	1			
2021/22-4	000NONPJ	matrix spike, rec	6/6/2022	Organic	2,4-Dinitrotoluene	n/a	=	83	%	EPA 625.1	-88	-88	39	139	
2021/22-4	000NONPJ	matrix spike dup	6/6/2022	Organic	2,4-Dinitrotoluene	n/a	=	17.1	µg/L	EPA 625.1	0.46	1			
2021/22-4	000NONPJ	matrix spike dup, rec	6/6/2022	Organic	2,4-Dinitrotoluene	n/a	=	85	%	EPA 625.1	-88	-88	39	139	
2021/22-4	000NONPJ	matrix spike, RPD	6/6/2022	Organic	2,4-Dinitrotoluene	n/a	=	2	%	EPA 625.1	-88	-88	0	30	
2021/22-4	Lab	LCS	5/11/2022	Organic	2,4-Dinitrotoluene	n/a	=	15.6	µg/L	EPA 625.1	0.46	1			
2021/22-4	Lab	LCS, rec	5/11/2022	Organic	2,4-Dinitrotoluene	n/a	=	78	%	EPA 625.1	-88	-88	48	127	
2021/22-4	Lab	method blank	5/11/2022	Organic	2,4-Dinitrotoluene	n/a	<	0.46	µg/L	EPA 625.1	0.46	1			
2021/22-4	Lab	LCS	5/31/2022	Organic	2,4-Dinitrotoluene	n/a	=	15.7	µg/L	EPA 625.1	0.46	1			
2021/22-4	Lab	LCS, rec	5/31/2022	Organic	2,4-Dinitrotoluene	n/a	=	78	%	EPA 625.1	-88	-88	48	127	
2021/22-4	Lab	method blank	5/31/2022	Organic	2,4-Dinitrotoluene	n/a	<	0.46	µg/L	EPA 625.1	0.46	1			
2021/22-4	Lab	LCS	6/6/2022	Organic	2,4-Dinitrotoluene	n/a	=	14.5	µg/L	EPA 625.1	0.46	1			
2021/22-4	Lab	LCS, rec	6/6/2022	Organic	2,4-Dinitrotoluene	n/a	=	73	%	EPA 625.1	-88	-88	48	127	
2021/22-4	Lab	method blank	6/6/2022	Organic	2,4-Dinitrotoluene	n/a	<	0.46	µg/L	EPA 625.1	0.46	1			
2021/22-4	Lab	LCS	6/11/2022	Organic	2,4-Dinitrotoluene	n/a	=	16.6	µg/L	EPA 625.1	0.46	1			
2021/22-4	Lab	LCS, rec	6/11/2022	Organic	2,4-Dinitrotoluene	n/a	=	83	%	EPA 625.1	-88	-88	48	127	
2021/22-4	Lab	LCS dup	6/11/2022	Organic	2,4-Dinitrotoluene	n/a	=	17.5	µg/L	EPA 625.1	0.46	1			
2021/22-4	Lab	LCS dup, rec	6/11/2022	Organic	2,4-Dinitrotoluene	n/a	=	87	%	EPA 625.1	-88	-88	48	127	
2021/22-4	Lab	LCS, RPD	6/11/2022	Organic	2,4-Dinitrotoluene	n/a	=	5	%	EPA 625.1	-88	-88	0	30	
2021/22-4	Lab	method blank	6/11/2022	Organic	2,4-Dinitrotoluene	n/a	<	0.46	µg/L	EPA 625.1	0.46	1			
2021/22-4	ME-VR2	matrix spike	5/11/2022	Organic	2,4-Dinitrotoluene	n/a	=	16.5	µg/L	EPA 625.1	0.46	1			
2021/22-4	ME-VR2	matrix spike, rec	5/11/2022	Organic	2,4-Dinitrotoluene	n/a	=	82	%	EPA 625.1	-88	-88	39	139	
2021/22-4	ME-VR2	matrix spike dup	5/11/2022	Organic	2,4-Dinitrotoluene	n/a	=	14.8	µg/L	EPA 625.1	0.46	1			
2021/22-4	ME-VR2	matrix spike dup, rec	5/11/2022	Organic	2,4-Dinitrotoluene	n/a	=	73	%	EPA 625.1	-88	-88	39	139	
2021/22-4	ME-VR2	matrix spike, RPD	5/11/2022	Organic	2,4-Dinitrotoluene	n/a	=	11	%	EPA 625.1	-88	-88	0	30	
2021/22-4	MO-THO	matrix spike	5/31/2022	Organic	2,4-Dinitrotoluene	n/a	=	16.3	µg/L	EPA 625.1	0.46	1			
2021/22-4	MO-THO	matrix spike, rec	5/31/2022	Organic	2,4-Dinitrotoluene	n/a	=	86	%	EPA 625.1	-88	-88	39	139	
2021/22-4	MO-THO	matrix spike dup	5/31/2022	Organic	2,4-Dinitrotoluene	n/a	=	16.7	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	
2021/22-4	MO-THO	matrix spike dup, rec	5/31/2022	Organic	2,4-Dinitrotoluene	n/a	=	88	%	EPA 625.1	-88	-88	39	139	
2021/22-4	MO-THO	matrix spike, RPD	5/31/2022	Organic	2,4-Dinitrotoluene	n/a	=	3	%	EPA 625.1	-88	-88	0	30	
2021/22-4	000NONPJ	matrix spike	6/6/2022	Organic	2,6-Dinitrotoluene	n/a	=	21.5	µg/L	EPA 625.1	0.27	1			
2021/22-4	000NONPJ	matrix spike, rec	6/6/2022	Organic	2,6-Dinitrotoluene	n/a	=	107	%	EPA 625.1	-88	-88	50	158	
2021/22-4	000NONPJ	matrix spike dup	6/6/2022	Organic	2,6-Dinitrotoluene	n/a	=	21.9	µg/L	EPA 625.1	0.27	1			
2021/22-4	000NONPJ	matrix spike dup, rec	6/6/2022	Organic	2,6-Dinitrotoluene	n/a	=	109	%	EPA 625.1	-88	-88	50	158	
2021/22-4	000NONPJ	matrix spike, RPD	6/6/2022	Organic	2,6-Dinitrotoluene	n/a	=	2	%	EPA 625.1	-88	-88	0	30	
2021/22-4	Lab	LCS	5/11/2022	Organic	2,6-Dinitrotoluene	n/a	=	17.9	µg/L	EPA 625.1	0.27	1			
2021/22-4	Lab	LCS, rec	5/11/2022	Organic	2,6-Dinitrotoluene	n/a	=	90	%	EPA 625.1	-88	-88	68	137	
2021/22-4	Lab	method blank	5/11/2022	Organic	2,6-Dinitrotoluene	n/a	<	0.27	µg/L	EPA 625.1	0.27	1			
2021/22-4	Lab	LCS	5/31/2022	Organic	2,6-Dinitrotoluene	n/a	=	20.3	µg/L	EPA 625.1	0.27	1			
2021/22-4	Lab	LCS, rec	5/31/2022	Organic	2,6-Dinitrotoluene	n/a	=	102	%	EPA 625.1	-88	-88	68	137	
2021/22-4	Lab	method blank	5/31/2022	Organic	2,6-Dinitrotoluene	n/a	<	0.27	µg/L	EPA 625.1	0.27	1			
2021/22-4	Lab	LCS	6/6/2022	Organic	2,6-Dinitrotoluene	n/a	=	20.4	µg/L	EPA 625.1	0.27	1			
2021/22-4	Lab	LCS, rec	6/6/2022	Organic	2,6-Dinitrotoluene	n/a	=	102	%	EPA 625.1	-88	-88	68	137	
2021/22-4	Lab	method blank	6/6/2022	Organic	2,6-Dinitrotoluene	n/a	<	0.27	µg/L	EPA 625.1	0.27	1			
2021/22-4	Lab	LCS	6/11/2022	Organic	2,6-Dinitrotoluene	n/a	=	16.9	µg/L	EPA 625.1	0.27	1			
2021/22-4	Lab	LCS, rec	6/11/2022	Organic	2,6-Dinitrotoluene	n/a	=	84	%	EPA 625.1	-88	-88	68	137	
2021/22-4	Lab	LCS dup	6/11/2022	Organic	2,6-Dinitrotoluene	n/a	=	17.2	µg/L	EPA 625.1	0.27	1			
2021/22-4	Lab	LCS dup, rec	6/11/2022	Organic	2,6-Dinitrotoluene	n/a	=	86	%	EPA 625.1	-88	-88	68	137	
2021/22-4	Lab	LCS, RPD	6/11/2022	Organic	2,6-Dinitrotoluene	n/a	=	2	%	EPA 625.1	-88	-88	0	30	
2021/22-4	Lab	method blank	6/11/2022	Organic	2,6-Dinitrotoluene	n/a	<	0.27	µg/L	EPA 625.1	0.27	1			
2021/22-4	ME-VR2	matrix spike	5/11/2022	Organic	2,6-Dinitrotoluene	n/a	=	18.4	µg/L	EPA 625.1	0.27	1			
2021/22-4	ME-VR2	matrix spike, rec	5/11/2022	Organic	2,6-Dinitrotoluene	n/a	=	92	%	EPA 625.1	-88	-88	50	158	
2021/22-4	ME-VR2	matrix spike dup	5/11/2022	Organic	2,6-Dinitrotoluene	n/a	=	15.9	µg/L	EPA 625.1	0.27	1			
2021/22-4	ME-VR2	matrix spike dup, rec	5/11/2022	Organic	2,6-Dinitrotoluene	n/a	=	78	%	EPA 625.1	-88	-88	50	158	
2021/22-4	ME-VR2	matrix spike, RPD	5/11/2022	Organic	2,6-Dinitrotoluene	n/a	=	14	%	EPA 625.1	-88	-88	0	30	
2021/22-4	MO-THO	matrix spike	5/31/2022	Organic	2,6-Dinitrotoluene	n/a	=	21.1	µg/L	EPA 625.1	0.27	1			
2021/22-4	MO-THO	matrix spike, rec	5/31/2022	Organic	2,6-Dinitrotoluene	n/a	=	111	%	EPA 625.1	-88	-88	50	158	
2021/22-4	MO-THO	matrix spike dup	5/31/2022	Organic	2,6-Dinitrotoluene	n/a	=	22.2	µg/L	EPA 625.1	0.27	1			
2021/22-4	MO-THO	matrix spike dup, rec	5/31/2022	Organic	2,6-Dinitrotoluene	n/a	=	117	%	EPA 625.1	-88	-88	50	158	
2021/22-4	MO-THO	matrix spike, RPD	5/31/2022	Organic	2,6-Dinitrotoluene	n/a	=	5	%	EPA 625.1	-88	-88	0	30	
2021/22-4	000NONPJ	matrix spike	6/6/2022	Organic	2-Chloronaphthalene	n/a	=	19.2	µg/L	EPA 625.1	0.45	1			
2021/22-4	000NONPJ	matrix spike, rec	6/6/2022	Organic	2-Chloronaphthalene	n/a	=	95	%	EPA 625.1	-88	-88	60	120	
2021/22-4	000NONPJ	matrix spike dup	6/6/2022	Organic	2-Chloronaphthalene	n/a	=	19.6	µg/L	EPA 625.1	0.45	1			
2021/22-4	000NONPJ	matrix spike dup, rec	6/6/2022	Organic	2-Chloronaphthalene	n/a	=	97	%	EPA 625.1	-88	-88	60	120	
2021/22-4	000NONPJ	matrix spike, RPD	6/6/2022	Organic	2-Chloronaphthalene	n/a	=	2	%	EPA 625.1	-88	-88	0	30	
2021/22-4	Lab	LCS	5/11/2022	Organic	2-Chloronaphthalene	n/a	=	17.7	µg/L	EPA 625.1	0.45	1			
2021/22-4	Lab	LCS, rec	5/11/2022	Organic	2-Chloronaphthalene	n/a	=	88	%	EPA 625.1	-88	-88	65	120	
2021/22-4	Lab	method blank	5/11/2022	Organic	2-Chloronaphthalene	n/a	<	0.45	µg/L	EPA 625.1	0.45	1			
2021/22-4	Lab	LCS	5/31/2022	Organic	2-Chloronaphthalene	n/a	=	19.2	µg/L	EPA 625.1	0.45	1			
2021/22-4	Lab	LCS, rec	5/31/2022	Organic	2-Chloronaphthalene	n/a	=	96	%	EPA 625.1	-88	-88	65	120	
2021/22-4	Lab	method blank	5/31/2022	Organic	2-Chloronaphthalene	n/a	<	0.45	µg/L	EPA 625.1	0.45	1			
2021/22-4	Lab	LCS	6/6/2022	Organic	2-Chloronaphthalene	n/a	=	18.4	µg/L	EPA 625.1	0.45	1			
2021/22-4	Lab	LCS, rec	6/6/2022	Organic	2-Chloronaphthalene	n/a	=	92	%	EPA 625.1	-88	-88	65	120	
2021/22-4	Lab	method blank	6/6/2022	Organic	2-Chloronaphthalene	n/a	<	0.45	µg/L	EPA 625.1	0.45	1			
2021/22-4	Lab	LCS	6/11/2022	Organic	2-Chloronaphthalene	n/a	=	15.3	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	
2021/22-4	Lab	LCS, rec	6/11/2022	Organic	2-Chloronaphthalene	n/a	=	76	%	EPA 625.1	-88	-88	65	120	
2021/22-4	Lab	LCS dup	6/11/2022	Organic	2-Chloronaphthalene	n/a	=	15.7	µg/L	EPA 625.1	0.45	1			
2021/22-4	Lab	LCS dup, rec	6/11/2022	Organic	2-Chloronaphthalene	n/a	=	78	%	EPA 625.1	-88	-88	65	120	
2021/22-4	Lab	LCS, RPD	6/11/2022	Organic	2-Chloronaphthalene	n/a	=	3	%	EPA 625.1	-88	-88	0	30	
2021/22-4	Lab	method blank	6/11/2022	Organic	2-Chloronaphthalene	n/a	<	0.45	µg/L	EPA 625.1	0.45	1			
2021/22-4	ME-VR2	matrix spike	5/11/2022	Organic	2-Chloronaphthalene	n/a	=	18.1	µg/L	EPA 625.1	0.45	1			
2021/22-4	ME-VR2	matrix spike, rec	5/11/2022	Organic	2-Chloronaphthalene	n/a	=	90	%	EPA 625.1	-88	-88	60	120	
2021/22-4	ME-VR2	matrix spike dup	5/11/2022	Organic	2-Chloronaphthalene	n/a	=	17.2	µg/L	EPA 625.1	0.45	1			
2021/22-4	ME-VR2	matrix spike dup, rec	5/11/2022	Organic	2-Chloronaphthalene	n/a	=	85	%	EPA 625.1	-88	-88	60	120	
2021/22-4	ME-VR2	matrix spike, RPD	5/11/2022	Organic	2-Chloronaphthalene	n/a	=	5	%	EPA 625.1	-88	-88	0	30	
2021/22-4	MO-THO	matrix spike	5/31/2022	Organic	2-Chloronaphthalene	n/a	=	19.6	µg/L	EPA 625.1	0.45	1			
2021/22-4	MO-THO	matrix spike, rec	5/31/2022	Organic	2-Chloronaphthalene	n/a	=	103	%	EPA 625.1	-88	-88	60	120	
2021/22-4	MO-THO	matrix spike dup	5/31/2022	Organic	2-Chloronaphthalene	n/a	=	20.5	µg/L	EPA 625.1	0.45	1			
2021/22-4	MO-THO	matrix spike dup, rec	5/31/2022	Organic	2-Chloronaphthalene	n/a	=	108	%	EPA 625.1	-88	-88	60	120	
2021/22-4	MO-THO	matrix spike, RPD	5/31/2022	Organic	2-Chloronaphthalene	n/a	=	4	%	EPA 625.1	-88	-88	0	30	
2021/22-4	000NONPJ	matrix spike	6/6/2022	Organic	2-Chlorophenol	n/a	=	15.4	µg/L	EPA 625.1	0.28	1			
2021/22-4	000NONPJ	matrix spike, rec	6/6/2022	Organic	2-Chlorophenol	n/a	=	77	%	EPA 625.1	-88	-88	23	134	
2021/22-4	000NONPJ	matrix spike dup	6/6/2022	Organic	2-Chlorophenol	n/a	=	16	µg/L	EPA 625.1	0.28	1			
2021/22-4	000NONPJ	matrix spike dup, rec	6/6/2022	Organic	2-Chlorophenol	n/a	=	80	%	EPA 625.1	-88	-88	23	134	
2021/22-4	000NONPJ	matrix spike, RPD	6/6/2022	Organic	2-Chlorophenol	n/a	=	4	%	EPA 625.1	-88	-88	0	30	
2021/22-4	Lab	LCS	5/11/2022	Organic	2-Chlorophenol	n/a	=	17.4	µg/L	EPA 625.1	0.28	1			
2021/22-4	Lab	LCS, rec	5/11/2022	Organic	2-Chlorophenol	n/a	=	87	%	EPA 625.1	-88	-88	36	120	
2021/22-4	Lab	method blank	5/11/2022	Organic	2-Chlorophenol	n/a	<	0.28	µg/L	EPA 625.1	0.28	1			
2021/22-4	Lab	method blank	5/26/2022	Organic	2-Chlorophenol	n/a	<	0.65	µg/L	EPA 8270C	0.65	1			
2021/22-4	Lab	LCS	5/26/2022	Organic	2-Chlorophenol	n/a	=	17.4	µg/L	EPA 8270C	0.65	1			
2021/22-4	Lab	LCS, rec	5/26/2022	Organic	2-Chlorophenol	n/a	=	87	%	EPA 8270C	-88	-88	27	90	
2021/22-4	Lab	LCS	5/31/2022	Organic	2-Chlorophenol	n/a	=	14.4	µg/L	EPA 625.1	0.28	1			
2021/22-4	Lab	LCS, rec	5/31/2022	Organic	2-Chlorophenol	n/a	=	72	%	EPA 625.1	-88	-88	36	120	
2021/22-4	Lab	method blank	5/31/2022	Organic	2-Chlorophenol	n/a	<	0.28	µg/L	EPA 625.1	0.28	1			
2021/22-4	Lab	LCS	6/6/2022	Organic	2-Chlorophenol	n/a	=	16.4	µg/L	EPA 625.1	0.28	1			
2021/22-4	Lab	LCS, rec	6/6/2022	Organic	2-Chlorophenol	n/a	=	82	%	EPA 625.1	-88	-88	36	120	
2021/22-4	Lab	method blank	6/6/2022	Organic	2-Chlorophenol	n/a	<	0.28	µg/L	EPA 625.1	0.28	1			
2021/22-4	Lab	LCS	6/11/2022	Organic	2-Chlorophenol	n/a	=	14.7	µg/L	EPA 625.1	0.28	1			
2021/22-4	Lab	LCS, rec	6/11/2022	Organic	2-Chlorophenol	n/a	=	74	%	EPA 625.1	-88	-88	36	120	
2021/22-4	Lab	LCS dup	6/11/2022	Organic	2-Chlorophenol	n/a	=	15.5	µg/L	EPA 625.1	0.28	1			
2021/22-4	Lab	LCS dup, rec	6/11/2022	Organic	2-Chlorophenol	n/a	=	77	%	EPA 625.1	-88	-88	36	120	
2021/22-4	Lab	LCS, RPD	6/11/2022	Organic	2-Chlorophenol	n/a	=	5	%	EPA 625.1	-88	-88	0	30	
2021/22-4	Lab	method blank	6/11/2022	Organic	2-Chlorophenol	n/a	<	0.28	µg/L	EPA 625.1	0.28	1			
2021/22-4	Lab	method blank	6/24/2022	Organic	2-Chlorophenol	n/a	<	0.65	µg/L	EPA 8270C	0.65	1			
2021/22-4	Lab	LCS	6/24/2022	Organic	2-Chlorophenol	n/a	=	15.3	µg/L	EPA 8270C	0.65	1			
2021/22-4	Lab	LCS, rec	6/24/2022	Organic	2-Chlorophenol	n/a	=	77	%	EPA 8270C	-88	-88	27	90	
2021/22-4	ME-VR2	matrix spike	5/11/2022	Organic	2-Chlorophenol	n/a	=	16.9	µg/L	EPA 625.1	0.28	1			
2021/22-4	ME-VR2	matrix spike, rec	5/11/2022	Organic	2-Chlorophenol	n/a	=	84	%	EPA 625.1	-88	-88	23	134	
2021/22-4	ME-VR2	matrix spike dup	5/11/2022	Organic	2-Chlorophenol	n/a	=	16.6	µg/L	EPA 625.1	0.28	1			
2021/22-4	ME-VR2	matrix spike dup, rec	5/11/2022	Organic	2-Chlorophenol	n/a	=	82	%	EPA 625.1	-88	-88	23	134	
2021/22-4	ME-VR2	matrix spike, RPD	5/11/2022	Organic	2-Chlorophenol	n/a	=	2	%	EPA 625.1	-88	-88	0	30	
2021/22-4	ME-VR2	matrix spike	5/26/2022	Organic	2-Chlorophenol	n/a	=	15.9	µg/L	EPA 8270C	0.65	1			

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2021/22-4	ME-VR2	matrix spike, rec	5/26/2022	Organic	2-Chlorophenol	n/a	=	79	%	EPA 8270C	-88	-88	12	106	
2021/22-4	ME-VR2	matrix spike dup	5/26/2022	Organic	2-Chlorophenol	n/a	=	15.7	µg/L	EPA 8270C	0.65	1			
2021/22-4	ME-VR2	matrix spike dup, rec	5/26/2022	Organic	2-Chlorophenol	n/a	=	77	%	EPA 8270C	-88	-88	12	106	
2021/22-4	ME-VR2	matrix spike, RPD	5/26/2022	Organic	2-Chlorophenol	n/a	=	2	%	EPA 8270C	-88	-88	0	30	
2021/22-4	MO-THO	matrix spike	5/31/2022	Organic	2-Chlorophenol	n/a	=	14.5	µg/L	EPA 625.1	0.28	1			
2021/22-4	MO-THO	matrix spike, rec	5/31/2022	Organic	2-Chlorophenol	n/a	=	76	%	EPA 625.1	-88	-88	23	134	
2021/22-4	MO-THO	matrix spike dup	5/31/2022	Organic	2-Chlorophenol	n/a	=	14.6	µg/L	EPA 625.1	0.28	1			
2021/22-4	MO-THO	matrix spike dup, rec	5/31/2022	Organic	2-Chlorophenol	n/a	=	77	%	EPA 625.1	-88	-88	23	134	
2021/22-4	MO-THO	matrix spike, RPD	5/31/2022	Organic	2-Chlorophenol	n/a	=	0.7	%	EPA 625.1	-88	-88	0	30	
2021/22-4	MO-THO	matrix spike	6/24/2022	Organic	2-Chlorophenol	n/a	=	14.4	µg/L	EPA 8270C	0.65	1			
2021/22-4	MO-THO	matrix spike, rec	6/24/2022	Organic	2-Chlorophenol	n/a	=	76	%	EPA 8270C	-88	-88	12	106	
2021/22-4	MO-THO	matrix spike dup	6/24/2022	Organic	2-Chlorophenol	n/a	=	14.5	µg/L	EPA 8270C	0.65	1			
2021/22-4	MO-THO	matrix spike dup, rec	6/24/2022	Organic	2-Chlorophenol	n/a	=	77	%	EPA 8270C	-88	-88	12	106	
2021/22-4	MO-THO	matrix spike, RPD	6/24/2022	Organic	2-Chlorophenol	n/a	=	1	%	EPA 8270C	-88	-88	0	30	
2021/22-4	000NONPJ	srgt matrix spike	6/6/2022	Organic	2-Fluorobiphenyl	n/a	=	20.3	µg/L	EPA 625.1	-88	-88			
2021/22-4	000NONPJ	srgt matrix spike, rec	6/6/2022	Organic	2-Fluorobiphenyl	n/a	=	101	%	EPA 625.1	-88	-88	22	120	
2021/22-4	000NONPJ	srgt matrix spike dup	6/6/2022	Organic	2-Fluorobiphenyl	n/a	=	20.5	µg/L	EPA 625.1	-88	-88			
2021/22-4	000NONPJ	srgt matrix spike dup, rec	6/6/2022	Organic	2-Fluorobiphenyl	n/a	=	102	%	EPA 625.1	-88	-88	22	120	
2021/22-4	Lab	srgt LCS	5/11/2022	Organic	2-Fluorobiphenyl	n/a	=	19.3	µg/L	EPA 625.1	-88	-88			
2021/22-4	Lab	srgt LCS, rec	5/11/2022	Organic	2-Fluorobiphenyl	n/a	=	97	%	EPA 625.1	-88	-88	22	120	
2021/22-4	Lab	srgt method blank	5/11/2022	Organic	2-Fluorobiphenyl	n/a	=	17.4	µg/L	EPA 625.1	-88	-88			
2021/22-4	Lab	srgt method blank, rec	5/11/2022	Organic	2-Fluorobiphenyl	n/a	=	87	%	EPA 625.1	-88	-88	22	120	
2021/22-4	Lab	srgt method blank	5/13/2022	Organic	2-Fluorobiphenyl	n/a	=	15.7	µg/L	EPA 8270C	-88	-88			
2021/22-4	Lab	srgt method blank, rec	5/13/2022	Organic	2-Fluorobiphenyl	n/a	=	78	%	EPA 8270C	-88	-88	51	139	
2021/22-4	Lab	srgt LCS	5/13/2022	Organic	2-Fluorobiphenyl	n/a	=	17.5	µg/L	EPA 8270C	-88	-88			
2021/22-4	Lab	srgt LCS, rec	5/13/2022	Organic	2-Fluorobiphenyl	n/a	=	87	%	EPA 8270C	-88	-88	51	139	
2021/22-4	Lab	srgt LCS	5/31/2022	Organic	2-Fluorobiphenyl	n/a	=	20	µg/L	EPA 625.1	-88	-88			
2021/22-4	Lab	srgt LCS, rec	5/31/2022	Organic	2-Fluorobiphenyl	n/a	=	100	%	EPA 625.1	-88	-88	22	120	
2021/22-4	Lab	srgt method blank	5/31/2022	Organic	2-Fluorobiphenyl	n/a	=	19.7	µg/L	EPA 625.1	-88	-88			
2021/22-4	Lab	srgt method blank, rec	5/31/2022	Organic	2-Fluorobiphenyl	n/a	=	98	%	EPA 625.1	-88	-88	22	120	
2021/22-4	Lab	srgt LCS	6/6/2022	Organic	2-Fluorobiphenyl	n/a	=	19.6	µg/L	EPA 625.1	-88	-88			
2021/22-4	Lab	srgt LCS, rec	6/6/2022	Organic	2-Fluorobiphenyl	n/a	=	98	%	EPA 625.1	-88	-88	22	120	
2021/22-4	Lab	srgt method blank	6/6/2022	Organic	2-Fluorobiphenyl	n/a	=	20.3	µg/L	EPA 625.1	-88	-88			
2021/22-4	Lab	srgt method blank, rec	6/6/2022	Organic	2-Fluorobiphenyl	n/a	=	101	%	EPA 625.1	-88	-88	22	120	
2021/22-4	Lab	srgt LCS	6/11/2022	Organic	2-Fluorobiphenyl	n/a	=	15.7	µg/L	EPA 625.1	-88	-88			
2021/22-4	Lab	srgt LCS, rec	6/11/2022	Organic	2-Fluorobiphenyl	n/a	=	78	%	EPA 625.1	-88	-88	22	120	
2021/22-4	Lab	srgt LCS dup	6/11/2022	Organic	2-Fluorobiphenyl	n/a	=	15.6	µg/L	EPA 625.1	-88	-88			
2021/22-4	Lab	srgt LCS dup, rec	6/11/2022	Organic	2-Fluorobiphenyl	n/a	=	78	%	EPA 625.1	-88	-88	22	120	
2021/22-4	Lab	srgt method blank	6/11/2022	Organic	2-Fluorobiphenyl	n/a	=	14.7	µg/L	EPA 625.1	-88	-88			
2021/22-4	Lab	srgt method blank, rec	6/11/2022	Organic	2-Fluorobiphenyl	n/a	=	74	%	EPA 625.1	-88	-88	22	120	
2021/22-4	Lab	srgt method blank	6/25/2022	Organic	2-Fluorobiphenyl	n/a	=	15.3	µg/L	EPA 8270C	-88	-88			
2021/22-4	Lab	srgt method blank, rec	6/25/2022	Organic	2-Fluorobiphenyl	n/a	=	76	%	EPA 8270C	-88	-88	51	139	
2021/22-4	Lab	srgt LCS	6/25/2022	Organic	2-Fluorobiphenyl	n/a	=	16.8	µg/L	EPA 8270C	-88	-88			
2021/22-4	Lab	srgt LCS, rec	6/25/2022	Organic	2-Fluorobiphenyl	n/a	=	84	%	EPA 8270C	-88	-88	51	139	
2021/22-4	ME-CC	srgt environ	6/1/2022	Organic	2-Fluorobiphenyl	n/a	=	21.6	µg/L	EPA 625.1	-88	-88			
2021/22-4	ME-CC	srgt environ, rec	6/1/2022	Organic	2-Fluorobiphenyl	n/a	=	113	%	EPA 625.1	-88	-88	22	120	
2021/22-4	ME-CC	srgt environ	6/25/2022	Organic	2-Fluorobiphenyl	n/a	=	15.8	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	
2021/22-4	ME-CC	srgt environ, rec	6/25/2022	Organic	2-Fluorobiphenyl	n/a	=	83	%	EPA 8270C	-88	-88	51	139	
2021/22-4	ME-SCR	srgt environ	6/7/2022	Organic	2-Fluorobiphenyl	n/a	=	17.1	µg/L	EPA 625.1	-88	-88			
2021/22-4	ME-SCR	srgt environ, rec	6/7/2022	Organic	2-Fluorobiphenyl	n/a	=	90	%	EPA 625.1	-88	-88	22	120	
2021/22-4	ME-SCR	srgt environ	6/11/2022	Organic	2-Fluorobiphenyl	n/a	=	16.3	µg/L	EPA 625.1	-88	-88			
2021/22-4	ME-SCR	srgt environ, rec	6/11/2022	Organic	2-Fluorobiphenyl	n/a	=	86	%	EPA 625.1	-88	-88	22	120	
2021/22-4	ME-SCR	srgt environ	6/25/2022	Organic	2-Fluorobiphenyl	n/a	=	3.66	µg/L	EPA 8270C	-88	-88			
2021/22-4	ME-SCR	srgt environ, rec	6/25/2022	Organic	2-Fluorobiphenyl	n/a	=	77	%	EPA 8270C	-88	-88	51	139	
2021/22-4	ME-VR2	srgt matrix spike	5/11/2022	Organic	2-Fluorobiphenyl	n/a	=	19.6	µg/L	EPA 625.1	-88	-88			
2021/22-4	ME-VR2	srgt matrix spike, rec	5/11/2022	Organic	2-Fluorobiphenyl	n/a	=	98	%	EPA 625.1	-88	-88	22	120	
2021/22-4	ME-VR2	srgt matrix spike dup	5/11/2022	Organic	2-Fluorobiphenyl	n/a	=	18.6	µg/L	EPA 625.1	-88	-88			
2021/22-4	ME-VR2	srgt matrix spike dup, rec	5/11/2022	Organic	2-Fluorobiphenyl	n/a	=	92	%	EPA 625.1	-88	-88	22	120	
2021/22-4	ME-VR2	srgt environ	5/12/2022	Organic	2-Fluorobiphenyl	n/a	=	16.7	µg/L	EPA 625.1	-88	-88			
2021/22-4	ME-VR2	srgt environ, rec	5/12/2022	Organic	2-Fluorobiphenyl	n/a	=	83	%	EPA 625.1	-88	-88	22	120	
2021/22-4	ME-VR2	srgt matrix spike	5/13/2022	Organic	2-Fluorobiphenyl	n/a	=	16.1	µg/L	EPA 8270C	-88	-88			
2021/22-4	ME-VR2	srgt matrix spike, rec	5/13/2022	Organic	2-Fluorobiphenyl	n/a	=	80	%	EPA 8270C	-88	-88	51	139	
2021/22-4	ME-VR2	srgt matrix spike dup	5/14/2022	Organic	2-Fluorobiphenyl	n/a	=	16.5	µg/L	EPA 8270C	-88	-88			
2021/22-4	ME-VR2	srgt matrix spike dup, rec	5/14/2022	Organic	2-Fluorobiphenyl	n/a	=	81	%	EPA 8270C	-88	-88	51	139	
2021/22-4	ME-VR2	srgt environ	5/14/2022	Organic	2-Fluorobiphenyl	n/a	=	14.8	µg/L	EPA 8270C	-88	-88			
2021/22-4	ME-VR2	srgt environ, rec	5/14/2022	Organic	2-Fluorobiphenyl	n/a	=	73	%	EPA 8270C	-88	-88	51	139	
2021/22-4	MO-CAM	srgt environ	6/1/2022	Organic	2-Fluorobiphenyl	n/a	=	20.1	µg/L	EPA 625.1	-88	-88			
2021/22-4	MO-CAM	srgt environ, rec	6/1/2022	Organic	2-Fluorobiphenyl	n/a	=	102	%	EPA 625.1	-88	-88	22	120	
2021/22-4	MO-CAM	srgt environ	6/25/2022	Organic	2-Fluorobiphenyl	n/a	=	15	µg/L	EPA 8270C	-88	-88			
2021/22-4	MO-CAM	srgt environ, rec	6/25/2022	Organic	2-Fluorobiphenyl	n/a	=	76	%	EPA 8270C	-88	-88	51	139	
2021/22-4	MO-FIL	srgt environ	6/7/2022	Organic	2-Fluorobiphenyl	n/a	=	16.3	µg/L	EPA 625.1	-88	-88			
2021/22-4	MO-FIL	srgt environ, rec	6/7/2022	Organic	2-Fluorobiphenyl	n/a	=	85	%	EPA 625.1	-88	-88	22	120	
2021/22-4	MO-FIL	srgt environ	6/25/2022	Organic	2-Fluorobiphenyl	n/a	=	4.16	µg/L	EPA 8270C	-88	-88			
2021/22-4	MO-FIL	srgt environ, rec	6/25/2022	Organic	2-Fluorobiphenyl	n/a	=	88	%	EPA 8270C	-88	-88	51	139	
2021/22-4	MO-HUE	srgt environ	5/12/2022	Organic	2-Fluorobiphenyl	n/a	=	17.6	µg/L	EPA 625.1	-88	-88			
2021/22-4	MO-HUE	srgt environ, rec	5/12/2022	Organic	2-Fluorobiphenyl	n/a	=	87	%	EPA 625.1	-88	-88	22	120	
2021/22-4	MO-HUE	srgt environ	5/14/2022	Organic	2-Fluorobiphenyl	n/a	=	15.3	µg/L	EPA 8270C	-88	-88			
2021/22-4	MO-HUE	srgt environ, rec	5/14/2022	Organic	2-Fluorobiphenyl	n/a	=	76	%	EPA 8270C	-88	-88	51	139	
2021/22-4	MO-OJA	srgt environ	5/12/2022	Organic	2-Fluorobiphenyl	n/a	=	18.2	µg/L	EPA 625.1	-88	-88			
2021/22-4	MO-OJA	srgt environ, rec	5/12/2022	Organic	2-Fluorobiphenyl	n/a	=	89	%	EPA 625.1	-88	-88	22	120	
2021/22-4	MO-OJA	srgt environ	5/14/2022	Organic	2-Fluorobiphenyl	n/a	=	16.5	µg/L	EPA 8270C	-88	-88			
2021/22-4	MO-OJA	srgt environ, rec	5/14/2022	Organic	2-Fluorobiphenyl	n/a	=	81	%	EPA 8270C	-88	-88	51	139	
2021/22-4	MO-SIM	srgt environ	6/1/2022	Organic	2-Fluorobiphenyl	n/a	=	17.8	µg/L	EPA 625.1	-88	-88			
2021/22-4	MO-SIM	srgt environ, rec	6/1/2022	Organic	2-Fluorobiphenyl	n/a	=	93	%	EPA 625.1	-88	-88	22	120	
2021/22-4	MO-SIM	srgt environ	6/25/2022	Organic	2-Fluorobiphenyl	n/a	=	14.4	µg/L	EPA 8270C	-88	-88			
2021/22-4	MO-SIM	srgt environ, rec	6/25/2022	Organic	2-Fluorobiphenyl	n/a	=	76	%	EPA 8270C	-88	-88	51	139	
2021/22-4	MO-THO	srgt matrix spike	5/31/2022	Organic	2-Fluorobiphenyl	n/a	=	20.7	µg/L	EPA 625.1	-88	-88			
2021/22-4	MO-THO	srgt matrix spike, rec	5/31/2022	Organic	2-Fluorobiphenyl	n/a	=	109	%	EPA 625.1	-88	-88	22	120	
2021/22-4	MO-THO	srgt matrix spike dup	5/31/2022	Organic	2-Fluorobiphenyl	n/a	=	22.6	µg/L	EPA 625.1	-88	-88			
2021/22-4	MO-THO	srgt matrix spike dup, rec	5/31/2022	Organic	2-Fluorobiphenyl	n/a	=	119	%	EPA 625.1	-88	-88	22	120	
2021/22-4	MO-THO	srgt environ	6/1/2022	Organic	2-Fluorobiphenyl	n/a	=	15.7	µg/L	EPA 625.1	-88	-88			
2021/22-4	MO-THO	srgt environ, rec	6/1/2022	Organic	2-Fluorobiphenyl	n/a	=	83	%	EPA 625.1	-88	-88	22	120	
2021/22-4	MO-THO	srgt matrix spike	6/25/2022	Organic	2-Fluorobiphenyl	n/a	=	15.7	µg/L	EPA 8270C	-88	-88			
2021/22-4	MO-THO	srgt matrix spike, rec	6/25/2022	Organic	2-Fluorobiphenyl	n/a	=	83	%	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	
2021/22-4	MO-THO	srgt matrix spike dup	6/25/2022	Organic	2-Fluorobiphenyl	n/a	=	15.9	µg/L	EPA 8270C	-88	-88			
2021/22-4	MO-THO	srgt matrix spike dup, rec	6/25/2022	Organic	2-Fluorobiphenyl	n/a	=	84	%	EPA 8270C	-88	-88	51	139	
2021/22-4	MO-THO	srgt environ	6/25/2022	Organic	2-Fluorobiphenyl	n/a	=	13.7	µg/L	EPA 8270C	-88	-88			
2021/22-4	MO-THO	srgt environ, rec	6/25/2022	Organic	2-Fluorobiphenyl	n/a	=	72	%	EPA 8270C	-88	-88	51	139	
2021/22-4	000NONPJ	srgt matrix spike	6/6/2022	Organic	2-Fluorophenol	n/a	=	20.3	µg/L	EPA 625.1	-88	-88			
2021/22-4	000NONPJ	srgt matrix spike, rec	6/6/2022	Organic	2-Fluorophenol	n/a	=	50	%	EPA 625.1	-88	-88	17	120	
2021/22-4	000NONPJ	srgt matrix spike dup	6/6/2022	Organic	2-Fluorophenol	n/a	=	21.8	µg/L	EPA 625.1	-88	-88			
2021/22-4	000NONPJ	srgt matrix spike dup, rec	6/6/2022	Organic	2-Fluorophenol	n/a	=	54	%	EPA 625.1	-88	-88	17	120	
2021/22-4	Lab	srgt LCS	5/11/2022	Organic	2-Fluorophenol	n/a	=	24.3	µg/L	EPA 625.1	-88	-88			
2021/22-4	Lab	srgt LCS, rec	5/11/2022	Organic	2-Fluorophenol	n/a	=	61	%	EPA 625.1	-88	-88	17	120	
2021/22-4	Lab	srgt method blank	5/11/2022	Organic	2-Fluorophenol	n/a	=	24.2	µg/L	EPA 625.1	-88	-88			
2021/22-4	Lab	srgt method blank, rec	5/11/2022	Organic	2-Fluorophenol	n/a	=	61	%	EPA 625.1	-88	-88	17	120	
2021/22-4	Lab	srgt method blank	5/26/2022	Organic	2-Fluorophenol	n/a	=	21.4	µg/L	EPA 8270C	-88	-88			
2021/22-4	Lab	srgt method blank, rec	5/26/2022	Organic	2-Fluorophenol	n/a	=	54	%	EPA 8270C	-88	-88	11	62	
2021/22-4	Lab	srgt LCS	5/26/2022	Organic	2-Fluorophenol	n/a	=	23.8	µg/L	EPA 8270C	-88	-88			
2021/22-4	Lab	srgt LCS, rec	5/26/2022	Organic	2-Fluorophenol	n/a	=	59	%	EPA 8270C	-88	-88	11	62	
2021/22-4	Lab	srgt LCS	5/31/2022	Organic	2-Fluorophenol	n/a	=	18.7	µg/L	EPA 625.1	-88	-88			
2021/22-4	Lab	srgt LCS, rec	5/31/2022	Organic	2-Fluorophenol	n/a	=	47	%	EPA 625.1	-88	-88	17	120	
2021/22-4	Lab	srgt method blank	5/31/2022	Organic	2-Fluorophenol	n/a	=	20.3	µg/L	EPA 625.1	-88	-88			
2021/22-4	Lab	srgt method blank, rec	5/31/2022	Organic	2-Fluorophenol	n/a	=	51	%	EPA 625.1	-88	-88	17	120	
2021/22-4	Lab	srgt LCS	6/6/2022	Organic	2-Fluorophenol	n/a	=	18.9	µg/L	EPA 625.1	-88	-88			
2021/22-4	Lab	srgt LCS, rec	6/6/2022	Organic	2-Fluorophenol	n/a	=	47	%	EPA 625.1	-88	-88	17	120	
2021/22-4	Lab	srgt method blank	6/6/2022	Organic	2-Fluorophenol	n/a	=	23.6	µg/L	EPA 625.1	-88	-88			
2021/22-4	Lab	srgt method blank, rec	6/6/2022	Organic	2-Fluorophenol	n/a	=	59	%	EPA 625.1	-88	-88	17	120	
2021/22-4	Lab	srgt LCS	6/11/2022	Organic	2-Fluorophenol	n/a	=	20.7	µg/L	EPA 625.1	-88	-88			
2021/22-4	Lab	srgt LCS, rec	6/11/2022	Organic	2-Fluorophenol	n/a	=	52	%	EPA 625.1	-88	-88	17	120	
2021/22-4	Lab	srgt LCS dup	6/11/2022	Organic	2-Fluorophenol	n/a	=	22.5	µg/L	EPA 625.1	-88	-88			
2021/22-4	Lab	srgt LCS dup, rec	6/11/2022	Organic	2-Fluorophenol	n/a	=	56	%	EPA 625.1	-88	-88	17	120	
2021/22-4	Lab	srgt method blank	6/11/2022	Organic	2-Fluorophenol	n/a	=	21.3	µg/L	EPA 625.1	-88	-88			
2021/22-4	Lab	srgt method blank, rec	6/11/2022	Organic	2-Fluorophenol	n/a	=	53	%	EPA 625.1	-88	-88	17	120	
2021/22-4	Lab	srgt method blank	6/24/2022	Organic	2-Fluorophenol	n/a	=	19.4	µg/L	EPA 8270C	-88	-88			
2021/22-4	Lab	srgt method blank, rec	6/24/2022	Organic	2-Fluorophenol	n/a	=	49	%	EPA 8270C	-88	-88	11	62	
2021/22-4	Lab	srgt LCS	6/24/2022	Organic	2-Fluorophenol	n/a	=	18.1	µg/L	EPA 8270C	-88	-88			
2021/22-4	Lab	srgt LCS, rec	6/24/2022	Organic	2-Fluorophenol	n/a	=	45	%	EPA 8270C	-88	-88	11	62	
2021/22-4	ME-CC	srgt environ	6/1/2022	Organic	2-Fluorophenol	n/a	=	23.7	µg/L	EPA 625.1	-88	-88			
2021/22-4	ME-CC	srgt environ, rec	6/1/2022	Organic	2-Fluorophenol	n/a	=	62	%	EPA 625.1	-88	-88	17	120	
2021/22-4	ME-CC	srgt environ	6/24/2022	Organic	2-Fluorophenol	n/a	=	21.2	µg/L	EPA 8270C	-88	-88			
2021/22-4	ME-CC	srgt environ, rec	6/24/2022	Organic	2-Fluorophenol	n/a	=	56	%	EPA 8270C	-88	-88	11	62	
2021/22-4	ME-SCR	srgt environ	6/7/2022	Organic	2-Fluorophenol	n/a	=	17.7	µg/L	EPA 625.1	-88	-88			
2021/22-4	ME-SCR	srgt environ, rec	6/7/2022	Organic	2-Fluorophenol	n/a	=	47	%	EPA 625.1	-88	-88	17	120	
2021/22-4	ME-SCR	srgt environ	6/11/2022	Organic	2-Fluorophenol	n/a	=	17.8	µg/L	EPA 625.1	-88	-88			
2021/22-4	ME-SCR	srgt environ, rec	6/11/2022	Organic	2-Fluorophenol	n/a	=	47	%	EPA 625.1	-88	-88	17	120	
2021/22-4	ME-SCR	srgt environ	6/24/2022	Organic	2-Fluorophenol	n/a	=	4.74	µg/L	EPA 8270C	-88	-88			
2021/22-4	ME-SCR	srgt environ, rec	6/24/2022	Organic	2-Fluorophenol	n/a	=	50	%	EPA 8270C	-88	-88	11	62	
2021/22-4	ME-VR2	srgt matrix spike	5/11/2022	Organic	2-Fluorophenol	n/a	=	21.6	µg/L	EPA 625.1	-88	-88			
2021/22-4	ME-VR2	srgt matrix spike, rec	5/11/2022	Organic	2-Fluorophenol	n/a	=	54	%	EPA 625.1	-88	-88	17	120	
2021/22-4	ME-VR2	srgt matrix spike dup	5/11/2022	Organic	2-Fluorophenol	n/a	=	21.3	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	
2021/22-4	ME-VR2	srgt matrix spike dup, rec	5/11/2022	Organic	2-Fluorophenol	n/a	=	53	%	EPA 625.1	-88	-88	17	120	
2021/22-4	ME-VR2	srgt environ	5/12/2022	Organic	2-Fluorophenol	n/a	=	22.1	µg/L	EPA 625.1	-88	-88			
2021/22-4	ME-VR2	srgt environ, rec	5/12/2022	Organic	2-Fluorophenol	n/a	=	55	%	EPA 625.1	-88	-88	17	120	
2021/22-4	ME-VR2	srgt matrix spike	5/26/2022	Organic	2-Fluorophenol	n/a	=	20.3	µg/L	EPA 8270C	-88	-88			
2021/22-4	ME-VR2	srgt matrix spike, rec	5/26/2022	Organic	2-Fluorophenol	n/a	=	51	%	EPA 8270C	-88	-88	11	62	
2021/22-4	ME-VR2	srgt matrix spike dup	5/26/2022	Organic	2-Fluorophenol	n/a	=	19.7	µg/L	EPA 8270C	-88	-88			
2021/22-4	ME-VR2	srgt matrix spike dup, rec	5/26/2022	Organic	2-Fluorophenol	n/a	=	49	%	EPA 8270C	-88	-88	11	62	
2021/22-4	ME-VR2	srgt environ	5/26/2022	Organic	2-Fluorophenol	n/a	=	19.9	µg/L	EPA 8270C	-88	-88			
2021/22-4	ME-VR2	srgt environ, rec	5/26/2022	Organic	2-Fluorophenol	n/a	=	49	%	EPA 8270C	-88	-88	11	62	
2021/22-4	MO-CAM	srgt environ	6/1/2022	Organic	2-Fluorophenol	n/a	=	19.1	µg/L	EPA 625.1	-88	-88			
2021/22-4	MO-CAM	srgt environ, rec	6/1/2022	Organic	2-Fluorophenol	n/a	=	48	%	EPA 625.1	-88	-88	17	120	
2021/22-4	MO-CAM	srgt environ	6/24/2022	Organic	2-Fluorophenol	n/a	=	17.7	µg/L	EPA 8270C	-88	-88			
2021/22-4	MO-CAM	srgt environ, rec	6/24/2022	Organic	2-Fluorophenol	n/a	=	45	%	EPA 8270C	-88	-88	11	62	
2021/22-4	MO-FIL	srgt environ	6/7/2022	Organic	2-Fluorophenol	n/a	=	16.9	µg/L	EPA 625.1	-88	-88			
2021/22-4	MO-FIL	srgt environ, rec	6/7/2022	Organic	2-Fluorophenol	n/a	=	44	%	EPA 625.1	-88	-88	17	120	
2021/22-4	MO-FIL	srgt environ	6/24/2022	Organic	2-Fluorophenol	n/a	=	4.82	µg/L	EPA 8270C	-88	-88			
2021/22-4	MO-FIL	srgt environ, rec	6/24/2022	Organic	2-Fluorophenol	n/a	=	51	%	EPA 8270C	-88	-88	11	62	
2021/22-4	MO-HUE	srgt environ	5/12/2022	Organic	2-Fluorophenol	n/a	=	21.7	µg/L	EPA 625.1	-88	-88			
2021/22-4	MO-HUE	srgt environ, rec	5/12/2022	Organic	2-Fluorophenol	n/a	=	54	%	EPA 625.1	-88	-88	17	120	
2021/22-4	MO-HUE	srgt environ	5/26/2022	Organic	2-Fluorophenol	n/a	=	19.8	µg/L	EPA 8270C	-88	-88			
2021/22-4	MO-HUE	srgt environ, rec	5/26/2022	Organic	2-Fluorophenol	n/a	=	49	%	EPA 8270C	-88	-88	11	62	
2021/22-4	MO-OJA	srgt environ	5/12/2022	Organic	2-Fluorophenol	n/a	=	23.5	µg/L	EPA 625.1	-88	-88			
2021/22-4	MO-OJA	srgt environ, rec	5/12/2022	Organic	2-Fluorophenol	n/a	=	57	%	EPA 625.1	-88	-88	17	120	
2021/22-4	MO-OJA	srgt environ	5/26/2022	Organic	2-Fluorophenol	n/a	=	22.1	µg/L	EPA 8270C	-88	-88			
2021/22-4	MO-OJA	srgt environ, rec	5/26/2022	Organic	2-Fluorophenol	n/a	=	54	%	EPA 8270C	-88	-88	11	62	
2021/22-4	MO-SIM	srgt environ	6/1/2022	Organic	2-Fluorophenol	n/a	=	17.6	µg/L	EPA 625.1	-88	-88			
2021/22-4	MO-SIM	srgt environ, rec	6/1/2022	Organic	2-Fluorophenol	n/a	=	46	%	EPA 625.1	-88	-88	17	120	
2021/22-4	MO-SIM	srgt environ	6/24/2022	Organic	2-Fluorophenol	n/a	=	16.4	µg/L	EPA 8270C	-88	-88			
2021/22-4	MO-SIM	srgt environ, rec	6/24/2022	Organic	2-Fluorophenol	n/a	=	43	%	EPA 8270C	-88	-88	11	62	
2021/22-4	MO-THO	srgt matrix spike	5/31/2022	Organic	2-Fluorophenol	n/a	=	17.4	µg/L	EPA 625.1	-88	-88			
2021/22-4	MO-THO	srgt matrix spike, rec	5/31/2022	Organic	2-Fluorophenol	n/a	=	46	%	EPA 625.1	-88	-88	17	120	
2021/22-4	MO-THO	srgt matrix spike dup	5/31/2022	Organic	2-Fluorophenol	n/a	=	18.3	µg/L	EPA 625.1	-88	-88			
2021/22-4	MO-THO	srgt matrix spike dup, rec	5/31/2022	Organic	2-Fluorophenol	n/a	=	48	%	EPA 625.1	-88	-88	17	120	
2021/22-4	MO-THO	srgt environ	6/1/2022	Organic	2-Fluorophenol	n/a	=	14.8	µg/L	EPA 625.1	-88	-88			
2021/22-4	MO-THO	srgt environ, rec	6/1/2022	Organic	2-Fluorophenol	n/a	=	39	%	EPA 625.1	-88	-88	17	120	
2021/22-4	MO-THO	srgt matrix spike	6/24/2022	Organic	2-Fluorophenol	n/a	=	16.8	µg/L	EPA 8270C	-88	-88			
2021/22-4	MO-THO	srgt matrix spike, rec	6/24/2022	Organic	2-Fluorophenol	n/a	=	44	%	EPA 8270C	-88	-88	11	62	
2021/22-4	MO-THO	srgt matrix spike dup	6/24/2022	Organic	2-Fluorophenol	n/a	=	17.1	µg/L	EPA 8270C	-88	-88			
2021/22-4	MO-THO	srgt matrix spike dup, rec	6/24/2022	Organic	2-Fluorophenol	n/a	=	45	%	EPA 8270C	-88	-88	11	62	
2021/22-4	MO-THO	srgt environ	6/24/2022	Organic	2-Fluorophenol	n/a	=	14.6	µg/L	EPA 8270C	-88	-88			
2021/22-4	MO-THO	srgt environ, rec	6/24/2022	Organic	2-Fluorophenol	n/a	=	38	%	EPA 8270C	-88	-88	11	62	
2021/22-4	Lab	method blank	5/13/2022	Organic	2-Methylnaphthalene	n/a	<	0.026	µg/L	EPA 8270C	0.026	0.1			
2021/22-4	Lab	method blank	6/25/2022	Organic	2-Methylnaphthalene	n/a	<	0.026	µg/L	EPA 8270C	0.026	0.1			
2021/22-4	Lab	method blank	5/26/2022	Organic	2-Methylphenol	n/a	<	0.34	µg/L	EPA 8270C	0.34	1			
2021/22-4	Lab	method blank	6/24/2022	Organic	2-Methylphenol	n/a	<	0.34	µg/L	EPA 8270C	0.34	1			
2021/22-4	000NONPJ	matrix spike	6/6/2022	Organic	2-Nitrophenol	n/a	=	19.4	µg/L	EPA 625.1	0.26	1			
2021/22-4	000NONPJ	matrix spike, rec	6/6/2022	Organic	2-Nitrophenol	n/a	=	96	%	EPA 625.1	-88	-88	29	182	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2021/22-4	000NONPJ	matrix spike dup	6/6/2022	Organic	2-Nitrophenol	n/a	=	19.3	µg/L	EPA 625.1	0.26	1			
2021/22-4	000NONPJ	matrix spike dup, rec	6/6/2022	Organic	2-Nitrophenol	n/a	=	96	%	EPA 625.1	-88	-88	29	182	
2021/22-4	000NONPJ	matrix spike, RPD	6/6/2022	Organic	2-Nitrophenol	n/a	=	0.4	%	EPA 625.1	-88	-88	0	30	
2021/22-4	Lab	LCS	5/11/2022	Organic	2-Nitrophenol	n/a	=	21	µg/L	EPA 625.1	0.26	1			
2021/22-4	Lab	LCS, rec	5/11/2022	Organic	2-Nitrophenol	n/a	=	105	%	EPA 625.1	-88	-88	45	167	
2021/22-4	Lab	method blank	5/11/2022	Organic	2-Nitrophenol	n/a	<	0.26	µg/L	EPA 625.1	0.26	1			
2021/22-4	Lab	method blank	5/26/2022	Organic	2-Nitrophenol	n/a	<	0.71	µg/L	EPA 8270C	0.71	1			
2021/22-4	Lab	LCS	5/26/2022	Organic	2-Nitrophenol	n/a	=	17.2	µg/L	EPA 8270C	0.71	1			
2021/22-4	Lab	LCS, rec	5/26/2022	Organic	2-Nitrophenol	n/a	=	86	%	EPA 8270C	-88	-88	33	103	
2021/22-4	Lab	LCS	5/31/2022	Organic	2-Nitrophenol	n/a	=	17.5	µg/L	EPA 625.1	0.26	1			
2021/22-4	Lab	LCS, rec	5/31/2022	Organic	2-Nitrophenol	n/a	=	87	%	EPA 625.1	-88	-88	45	167	
2021/22-4	Lab	method blank	5/31/2022	Organic	2-Nitrophenol	n/a	<	0.26	µg/L	EPA 625.1	0.26	1			
2021/22-4	Lab	LCS	6/6/2022	Organic	2-Nitrophenol	n/a	=	20.3	µg/L	EPA 625.1	0.26	1			
2021/22-4	Lab	LCS, rec	6/6/2022	Organic	2-Nitrophenol	n/a	=	102	%	EPA 625.1	-88	-88	45	167	
2021/22-4	Lab	method blank	6/6/2022	Organic	2-Nitrophenol	n/a	<	0.26	µg/L	EPA 625.1	0.26	1			
2021/22-4	Lab	LCS	6/11/2022	Organic	2-Nitrophenol	n/a	=	16.6	µg/L	EPA 625.1	0.26	1			
2021/22-4	Lab	LCS, rec	6/11/2022	Organic	2-Nitrophenol	n/a	=	83	%	EPA 625.1	-88	-88	45	167	
2021/22-4	Lab	LCS dup	6/11/2022	Organic	2-Nitrophenol	n/a	=	17.1	µg/L	EPA 625.1	0.26	1			
2021/22-4	Lab	LCS dup, rec	6/11/2022	Organic	2-Nitrophenol	n/a	=	86	%	EPA 625.1	-88	-88	45	167	
2021/22-4	Lab	LCS, RPD	6/11/2022	Organic	2-Nitrophenol	n/a	=	3	%	EPA 625.1	-88	-88	0	30	
2021/22-4	Lab	method blank	6/11/2022	Organic	2-Nitrophenol	n/a	<	0.26	µg/L	EPA 625.1	0.26	1			
2021/22-4	Lab	method blank	6/24/2022	Organic	2-Nitrophenol	n/a	<	0.71	µg/L	EPA 8270C	0.71	1			
2021/22-4	Lab	LCS	6/24/2022	Organic	2-Nitrophenol	n/a	=	17	µg/L	EPA 8270C	0.71	1			
2021/22-4	Lab	LCS, rec	6/24/2022	Organic	2-Nitrophenol	n/a	=	85	%	EPA 8270C	-88	-88	33	103	
2021/22-4	ME-VR2	matrix spike	5/11/2022	Organic	2-Nitrophenol	n/a	=	20.3	µg/L	EPA 625.1	0.26	1			
2021/22-4	ME-VR2	matrix spike, rec	5/11/2022	Organic	2-Nitrophenol	n/a	=	101	%	EPA 625.1	-88	-88	29	182	
2021/22-4	ME-VR2	matrix spike dup	5/11/2022	Organic	2-Nitrophenol	n/a	=	20.2	µg/L	EPA 625.1	0.26	1			
2021/22-4	ME-VR2	matrix spike dup, rec	5/11/2022	Organic	2-Nitrophenol	n/a	=	99	%	EPA 625.1	-88	-88	29	182	
2021/22-4	ME-VR2	matrix spike, RPD	5/11/2022	Organic	2-Nitrophenol	n/a	=	0.6	%	EPA 625.1	-88	-88	0	30	
2021/22-4	MO-THO	matrix spike	5/31/2022	Organic	2-Nitrophenol	n/a	=	17.8	µg/L	EPA 625.1	0.26	1			
2021/22-4	MO-THO	matrix spike, rec	5/31/2022	Organic	2-Nitrophenol	n/a	=	94	%	EPA 625.1	-88	-88	29	182	
2021/22-4	MO-THO	matrix spike dup	5/31/2022	Organic	2-Nitrophenol	n/a	=	17.6	µg/L	EPA 625.1	0.26	1			
2021/22-4	MO-THO	matrix spike dup, rec	5/31/2022	Organic	2-Nitrophenol	n/a	=	93	%	EPA 625.1	-88	-88	29	182	
2021/22-4	MO-THO	matrix spike, RPD	5/31/2022	Organic	2-Nitrophenol	n/a	=	0.9	%	EPA 625.1	-88	-88	0	30	
2021/22-4	000NONPJ	matrix spike	6/6/2022	Organic	3,3'-Dichlorobenzidine	n/a	=	10.2	µg/L	EPA 625.1	2.5	5			
2021/22-4	000NONPJ	matrix spike, rec	6/6/2022	Organic	3,3'-Dichlorobenzidine	n/a	=	51	%	EPA 625.1	-88	-88	0.1	262	
2021/22-4	000NONPJ	matrix spike dup	6/6/2022	Organic	3,3'-Dichlorobenzidine	n/a	=	10.3	µg/L	EPA 625.1	2.5	5			
2021/22-4	000NONPJ	matrix spike dup, rec	6/6/2022	Organic	3,3'-Dichlorobenzidine	n/a	=	51	%	EPA 625.1	-88	-88	0.1	262	
2021/22-4	000NONPJ	matrix spike, RPD	6/6/2022	Organic	3,3'-Dichlorobenzidine	n/a	=	0.7	%	EPA 625.1	-88	-88	0	30	
2021/22-4	Lab	LCS	5/11/2022	Organic	3,3'-Dichlorobenzidine	n/a	=	5.05	µg/L	EPA 625.1	2.5	5			
2021/22-4	Lab	LCS, rec	5/11/2022	Organic	3,3'-Dichlorobenzidine	n/a	=	25	%	EPA 625.1	-88	-88	8	213	
2021/22-4	Lab	method blank	5/11/2022	Organic	3,3'-Dichlorobenzidine	n/a	<	2.5	µg/L	EPA 625.1	2.5	5			
2021/22-4	Lab	LCS	5/31/2022	Organic	3,3'-Dichlorobenzidine	n/a	=	12.3	µg/L	EPA 625.1	2.5	5			
2021/22-4	Lab	LCS, rec	5/31/2022	Organic	3,3'-Dichlorobenzidine	n/a	=	62	%	EPA 625.1	-88	-88	8	213	
2021/22-4	Lab	method blank	5/31/2022	Organic	3,3'-Dichlorobenzidine	n/a	<	2.5	µg/L	EPA 625.1	2.5	5			
2021/22-4	Lab	LCS	6/6/2022	Organic	3,3'-Dichlorobenzidine	n/a	=	8.66	µg/L	EPA 625.1	2.5	5			
2021/22-4	Lab	LCS, rec	6/6/2022	Organic	3,3'-Dichlorobenzidine	n/a	=	43	%	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	
2021/22-4	Lab	method blank	6/6/2022	Organic	3,3'-Dichlorobenzidine	n/a	<	2.5	µg/L	EPA 625.1	2.5	5			
2021/22-4	Lab	LCS	6/11/2022	Organic	3,3'-Dichlorobenzidine	n/a	=	11	µg/L	EPA 625.1	2.5	5			
2021/22-4	Lab	LCS, rec	6/11/2022	Organic	3,3'-Dichlorobenzidine	n/a	=	55	%	EPA 625.1	-88	-88	8	213	
2021/22-4	Lab	LCS dup	6/11/2022	Organic	3,3'-Dichlorobenzidine	n/a	=	10.2	µg/L	EPA 625.1	2.5	5			
2021/22-4	Lab	LCS dup, rec	6/11/2022	Organic	3,3'-Dichlorobenzidine	n/a	=	51	%	EPA 625.1	-88	-88	8	213	
2021/22-4	Lab	LCS, RPD	6/11/2022	Organic	3,3'-Dichlorobenzidine	n/a	=	7	%	EPA 625.1	-88	-88	0	30	
2021/22-4	Lab	method blank	6/11/2022	Organic	3,3'-Dichlorobenzidine	n/a	<	2.5	µg/L	EPA 625.1	2.5	5			
2021/22-4	ME-VR2	matrix spike	5/11/2022	Organic	3,3'-Dichlorobenzidine	n/a	=	8.72	µg/L	EPA 625.1	2.5	5			
2021/22-4	ME-VR2	matrix spike, rec	5/11/2022	Organic	3,3'-Dichlorobenzidine	n/a	=	43	%	EPA 625.1	-88	-88	0.1	262	
2021/22-4	ME-VR2	matrix spike dup	5/11/2022	Organic	3,3'-Dichlorobenzidine	n/a	=	7.59	µg/L	EPA 625.1	2.5	5			
2021/22-4	ME-VR2	matrix spike dup, rec	5/11/2022	Organic	3,3'-Dichlorobenzidine	n/a	=	37	%	EPA 625.1	-88	-88	0.1	262	
2021/22-4	ME-VR2	matrix spike, RPD	5/11/2022	Organic	3,3'-Dichlorobenzidine	n/a	=	14	%	EPA 625.1	-88	-88	0	30	
2021/22-4	MO-THO	matrix spike	5/31/2022	Organic	3,3'-Dichlorobenzidine	n/a	=	6.13	µg/L	EPA 625.1	2.5	5			
2021/22-4	MO-THO	matrix spike, rec	5/31/2022	Organic	3,3'-Dichlorobenzidine	n/a	=	32	%	EPA 625.1	-88	-88	0.1	262	
2021/22-4	MO-THO	matrix spike dup	5/31/2022	Organic	3,3'-Dichlorobenzidine	n/a	=	7.14	µg/L	EPA 625.1	2.5	5			
2021/22-4	MO-THO	matrix spike dup, rec	5/31/2022	Organic	3,3'-Dichlorobenzidine	n/a	=	38	%	EPA 625.1	-88	-88	0.1	262	
2021/22-4	MO-THO	matrix spike, RPD	5/31/2022	Organic	3,3'-Dichlorobenzidine	n/a	=	15	%	EPA 625.1	-88	-88	0	30	
2021/22-4	Lab	method blank	5/26/2022	Organic	3-4-Methylphenol	n/a	<	0.3	µg/L	EPA 8270C	0.3	1			
2021/22-4	Lab	method blank	6/24/2022	Organic	3-4-Methylphenol	n/a	<	0.3	µg/L	EPA 8270C	0.3	1			
2021/22-4	000NONPJ	matrix spike	6/6/2022	Organic	4,6-Dinitro-2-methylphenol	n/a	=	22.4	µg/L	EPA 625.1	0.5	5			
2021/22-4	000NONPJ	matrix spike, rec	6/6/2022	Organic	4,6-Dinitro-2-methylphenol	n/a	=	111	%	EPA 625.1	-88	-88	0.1	181	
2021/22-4	000NONPJ	matrix spike dup	6/6/2022	Organic	4,6-Dinitro-2-methylphenol	n/a	=	23.3	µg/L	EPA 625.1	0.5	5			
2021/22-4	000NONPJ	matrix spike dup, rec	6/6/2022	Organic	4,6-Dinitro-2-methylphenol	n/a	=	116	%	EPA 625.1	-88	-88	0.1	181	
2021/22-4	000NONPJ	matrix spike, RPD	6/6/2022	Organic	4,6-Dinitro-2-methylphenol	n/a	=	4	%	EPA 625.1	-88	-88	0	30	
2021/22-4	Lab	LCS	5/11/2022	Organic	4,6-Dinitro-2-methylphenol	n/a	=	18.6	µg/L	EPA 625.1	0.5	5			
2021/22-4	Lab	LCS, rec	5/11/2022	Organic	4,6-Dinitro-2-methylphenol	n/a	=	93	%	EPA 625.1	-88	-88	53	130	
2021/22-4	Lab	method blank	5/11/2022	Organic	4,6-Dinitro-2-methylphenol	n/a	<	0.5	µg/L	EPA 625.1	0.5	5			
2021/22-4	Lab	method blank	5/26/2022	Organic	4,6-Dinitro-2-methylphenol	n/a	<	0.14	µg/L	EPA 8270C	0.14	1			
2021/22-4	Lab	LCS	5/26/2022	Organic	4,6-Dinitro-2-methylphenol	n/a	=	17.5	µg/L	EPA 8270C	0.14	1			
2021/22-4	Lab	LCS, rec	5/26/2022	Organic	4,6-Dinitro-2-methylphenol	n/a	=	88	%	EPA 8270C	-88	-88	33	118	
2021/22-4	Lab	LCS	5/31/2022	Organic	4,6-Dinitro-2-methylphenol	n/a	=	20.8	µg/L	EPA 625.1	0.5	5			
2021/22-4	Lab	LCS, rec	5/31/2022	Organic	4,6-Dinitro-2-methylphenol	n/a	=	104	%	EPA 625.1	-88	-88	53	130	
2021/22-4	Lab	method blank	5/31/2022	Organic	4,6-Dinitro-2-methylphenol	n/a	<	0.5	µg/L	EPA 625.1	0.5	5			
2021/22-4	Lab	LCS	6/6/2022	Organic	4,6-Dinitro-2-methylphenol	n/a	=	17.9	µg/L	EPA 625.1	0.5	5			
2021/22-4	Lab	LCS, rec	6/6/2022	Organic	4,6-Dinitro-2-methylphenol	n/a	=	90	%	EPA 625.1	-88	-88	53	130	
2021/22-4	Lab	method blank	6/6/2022	Organic	4,6-Dinitro-2-methylphenol	n/a	<	0.5	µg/L	EPA 625.1	0.5	5			
2021/22-4	Lab	LCS	6/11/2022	Organic	4,6-Dinitro-2-methylphenol	n/a	=	17.2	µg/L	EPA 625.1	0.5	5			
2021/22-4	Lab	LCS, rec	6/11/2022	Organic	4,6-Dinitro-2-methylphenol	n/a	=	86	%	EPA 625.1	-88	-88	53	130	
2021/22-4	Lab	LCS dup	6/11/2022	Organic	4,6-Dinitro-2-methylphenol	n/a	=	18.6	µg/L	EPA 625.1	0.5	5			
2021/22-4	Lab	LCS dup, rec	6/11/2022	Organic	4,6-Dinitro-2-methylphenol	n/a	=	93	%	EPA 625.1	-88	-88	53	130	
2021/22-4	Lab	LCS, RPD	6/11/2022	Organic	4,6-Dinitro-2-methylphenol	n/a	=	8	%	EPA 625.1	-88	-88	0	30	
2021/22-4	Lab	method blank	6/11/2022	Organic	4,6-Dinitro-2-methylphenol	n/a	<	0.5	µg/L	EPA 625.1	0.5	5			
2021/22-4	Lab	method blank	6/24/2022	Organic	4,6-Dinitro-2-methylphenol	n/a	<	0.14	µg/L	EPA 8270C	0.14	1			
2021/22-4	Lab	LCS	6/24/2022	Organic	4,6-Dinitro-2-methylphenol	n/a	=	16.8	µg/L	EPA 8270C	0.14	1			
2021/22-4	Lab	LCS, rec	6/24/2022	Organic	4,6-Dinitro-2-methylphenol	n/a	=	84	%	EPA 8270C	-88	-88	33	118	
2021/22-4	ME-VR2	matrix spike	5/11/2022	Organic	4,6-Dinitro-2-methylphenol	n/a	=	20.2	µg/L	EPA 625.1	0.5	5			
2021/22-4	ME-VR2	matrix spike, rec	5/11/2022	Organic	4,6-Dinitro-2-methylphenol	n/a	=	101	%	EPA 625.1	-88	-88	0.1	181	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2021/22-4	ME-VR2	matrix spike dup	5/11/2022	Organic	4,6-Dinitro-2-methylphenol	n/a	=	18.2	µg/L	EPA 625.1	0.5	5			
2021/22-4	ME-VR2	matrix spike dup, rec	5/11/2022	Organic	4,6-Dinitro-2-methylphenol	n/a	=	89	%	EPA 625.1	-88	-88	0.1	181	
2021/22-4	ME-VR2	matrix spike, RPD	5/11/2022	Organic	4,6-Dinitro-2-methylphenol	n/a	=	11	%	EPA 625.1	-88	-88	0	30	
2021/22-4	MO-THO	matrix spike	5/31/2022	Organic	4,6-Dinitro-2-methylphenol	n/a	=	19.4	µg/L	EPA 625.1	0.5	5			
2021/22-4	MO-THO	matrix spike, rec	5/31/2022	Organic	4,6-Dinitro-2-methylphenol	n/a	=	102	%	EPA 625.1	-88	-88	0.1	181	
2021/22-4	MO-THO	matrix spike dup	5/31/2022	Organic	4,6-Dinitro-2-methylphenol	n/a	=	17.7	µg/L	EPA 625.1	0.5	5			
2021/22-4	MO-THO	matrix spike dup, rec	5/31/2022	Organic	4,6-Dinitro-2-methylphenol	n/a	=	93	%	EPA 625.1	-88	-88	0.1	181	
2021/22-4	MO-THO	matrix spike, RPD	5/31/2022	Organic	4,6-Dinitro-2-methylphenol	n/a	=	9	%	EPA 625.1	-88	-88	0	30	
2021/22-4	Lab	srgt LCS	5/10/2022	Organic	4-Bromofluorobenzene	n/a	=	50	µg/L	EPA 8260B	-88	-88			
2021/22-4	Lab	srgt LCS, rec	5/10/2022	Organic	4-Bromofluorobenzene	n/a	=	100	%	EPA 8260B	-88	-88	83	110	
2021/22-4	Lab	srgt LCS dup	5/10/2022	Organic	4-Bromofluorobenzene	n/a	=	50.4	µg/L	EPA 8260B	-88	-88			
2021/22-4	Lab	srgt LCS dup, rec	5/10/2022	Organic	4-Bromofluorobenzene	n/a	=	101	%	EPA 8260B	-88	-88	83	110	
2021/22-4	Lab	srgt method blank	5/10/2022	Organic	4-Bromofluorobenzene	n/a	=	47.6	µg/L	EPA 8260B	-88	-88			
2021/22-4	Lab	srgt method blank, rec	5/10/2022	Organic	4-Bromofluorobenzene	n/a	=	95	%	EPA 8260B	-88	-88	83	110	
2021/22-4	Lab	srgt LCS	5/24/2022	Organic	4-Bromofluorobenzene	n/a	=	51.7	µg/L	EPA 8260B	-88	-88			
2021/22-4	Lab	srgt LCS, rec	5/24/2022	Organic	4-Bromofluorobenzene	n/a	=	103	%	EPA 8260B	-88	-88	83	110	
2021/22-4	Lab	srgt LCS dup	5/24/2022	Organic	4-Bromofluorobenzene	n/a	=	50.2	µg/L	EPA 8260B	-88	-88			
2021/22-4	Lab	srgt LCS dup, rec	5/24/2022	Organic	4-Bromofluorobenzene	n/a	=	100	%	EPA 8260B	-88	-88	83	110	
2021/22-4	Lab	srgt method blank	5/24/2022	Organic	4-Bromofluorobenzene	n/a	=	47.7	µg/L	EPA 8260B	-88	-88			
2021/22-4	Lab	srgt method blank, rec	5/24/2022	Organic	4-Bromofluorobenzene	n/a	=	95	%	EPA 8260B	-88	-88	83	110	
2021/22-4	ME-CC	srgt environ	5/24/2022	Organic	4-Bromofluorobenzene	n/a	=	47.4	µg/L	EPA 8260B	-88	-88			
2021/22-4	ME-CC	srgt environ, rec	5/24/2022	Organic	4-Bromofluorobenzene	n/a	=	95	%	EPA 8260B	-88	-88	83	110	
2021/22-4	ME-SCR	srgt environ	5/24/2022	Organic	4-Bromofluorobenzene	n/a	=	48.1	µg/L	EPA 8260B	-88	-88			
2021/22-4	ME-SCR	srgt environ, rec	5/24/2022	Organic	4-Bromofluorobenzene	n/a	=	96	%	EPA 8260B	-88	-88	83	110	
2021/22-4	ME-VR2	srgt environ	5/10/2022	Organic	4-Bromofluorobenzene	n/a	=	48.5	µg/L	EPA 8260B	-88	-88			
2021/22-4	ME-VR2	srgt environ, rec	5/10/2022	Organic	4-Bromofluorobenzene	n/a	=	97	%	EPA 8260B	-88	-88	83	110	
2021/22-4	MO-CAM	srgt environ	5/24/2022	Organic	4-Bromofluorobenzene	n/a	=	47.9	µg/L	EPA 8260B	-88	-88			
2021/22-4	MO-CAM	srgt environ, rec	5/24/2022	Organic	4-Bromofluorobenzene	n/a	=	96	%	EPA 8260B	-88	-88	83	110	
2021/22-4	MO-FIL	srgt environ	5/24/2022	Organic	4-Bromofluorobenzene	n/a	=	48.1	µg/L	EPA 8260B	-88	-88			
2021/22-4	MO-FIL	srgt environ, rec	5/24/2022	Organic	4-Bromofluorobenzene	n/a	=	96	%	EPA 8260B	-88	-88	83	110	
2021/22-4	MO-HUE	srgt environ	5/10/2022	Organic	4-Bromofluorobenzene	n/a	=	47.4	µg/L	EPA 8260B	-88	-88			
2021/22-4	MO-HUE	srgt environ, rec	5/10/2022	Organic	4-Bromofluorobenzene	n/a	=	95	%	EPA 8260B	-88	-88	83	110	
2021/22-4	MO-OJA	srgt environ	5/10/2022	Organic	4-Bromofluorobenzene	n/a	=	47.6	µg/L	EPA 8260B	-88	-88			
2021/22-4	MO-OJA	srgt environ, rec	5/10/2022	Organic	4-Bromofluorobenzene	n/a	=	95	%	EPA 8260B	-88	-88	83	110	
2021/22-4	MO-SIM	srgt environ	5/24/2022	Organic	4-Bromofluorobenzene	n/a	=	47.6	µg/L	EPA 8260B	-88	-88			
2021/22-4	MO-SIM	srgt environ, rec	5/24/2022	Organic	4-Bromofluorobenzene	n/a	=	95	%	EPA 8260B	-88	-88	83	110	
2021/22-4	MO-THO	srgt environ	5/24/2022	Organic	4-Bromofluorobenzene	n/a	=	47.3	µg/L	EPA 8260B	-88	-88			
2021/22-4	MO-THO	srgt environ, rec	5/24/2022	Organic	4-Bromofluorobenzene	n/a	=	95	%	EPA 8260B	-88	-88	83	110	
2021/22-4	000NONPJ	matrix spike	6/6/2022	Organic	4-Bromophenyl phenyl ether	n/a	=	19.6	µg/L	EPA 625.1	0.36	1			
2021/22-4	000NONPJ	matrix spike, rec	6/6/2022	Organic	4-Bromophenyl phenyl ether	n/a	=	97	%	EPA 625.1	-88	-88	53	127	
2021/22-4	000NONPJ	matrix spike dup	6/6/2022	Organic	4-Bromophenyl phenyl ether	n/a	=	19	µg/L	EPA 625.1	0.36	1			
2021/22-4	000NONPJ	matrix spike dup, rec	6/6/2022	Organic	4-Bromophenyl phenyl ether	n/a	=	94	%	EPA 625.1	-88	-88	53	127	
2021/22-4	000NONPJ	matrix spike, RPD	6/6/2022	Organic	4-Bromophenyl phenyl ether	n/a	=	3	%	EPA 625.1	-88	-88	0	30	
2021/22-4	Lab	LCS	5/11/2022	Organic	4-Bromophenyl phenyl ether	n/a	=	17.2	µg/L	EPA 625.1	0.36	1			
2021/22-4	Lab	LCS, rec	5/11/2022	Organic	4-Bromophenyl phenyl ether	n/a	=	86	%	EPA 625.1	-88	-88	65	120	
2021/22-4	Lab	method blank	5/11/2022	Organic	4-Bromophenyl phenyl ether	n/a	<	0.36	µg/L	EPA 625.1	0.36	1			
2021/22-4	Lab	LCS	5/31/2022	Organic	4-Bromophenyl phenyl ether	n/a	=	17.9	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	
2021/22-4	Lab	LCS, rec	5/31/2022	Organic	4-Bromophenyl phenyl ether	n/a	=	90	%	EPA 625.1	-88	-88	65	120	
2021/22-4	Lab	method blank	5/31/2022	Organic	4-Bromophenyl phenyl ether	n/a	<	0.36	µg/L	EPA 625.1	0.36	1			
2021/22-4	Lab	LCS	6/6/2022	Organic	4-Bromophenyl phenyl ether	n/a	=	17.8	µg/L	EPA 625.1	0.36	1			
2021/22-4	Lab	LCS, rec	6/6/2022	Organic	4-Bromophenyl phenyl ether	n/a	=	89	%	EPA 625.1	-88	-88	65	120	
2021/22-4	Lab	method blank	6/6/2022	Organic	4-Bromophenyl phenyl ether	n/a	<	0.36	µg/L	EPA 625.1	0.36	1			
2021/22-4	Lab	LCS	6/11/2022	Organic	4-Bromophenyl phenyl ether	n/a	=	16.9	µg/L	EPA 625.1	0.36	1			
2021/22-4	Lab	LCS, rec	6/11/2022	Organic	4-Bromophenyl phenyl ether	n/a	=	85	%	EPA 625.1	-88	-88	65	120	
2021/22-4	Lab	LCS dup	6/11/2022	Organic	4-Bromophenyl phenyl ether	n/a	=	16.8	µg/L	EPA 625.1	0.36	1			
2021/22-4	Lab	LCS dup, rec	6/11/2022	Organic	4-Bromophenyl phenyl ether	n/a	=	84	%	EPA 625.1	-88	-88	65	120	
2021/22-4	Lab	LCS, RPD	6/11/2022	Organic	4-Bromophenyl phenyl ether	n/a	=	1	%	EPA 625.1	-88	-88	0	30	
2021/22-4	Lab	method blank	6/11/2022	Organic	4-Bromophenyl phenyl ether	n/a	<	0.36	µg/L	EPA 625.1	0.36	1			
2021/22-4	ME-VR2	matrix spike	5/11/2022	Organic	4-Bromophenyl phenyl ether	n/a	=	18.3	µg/L	EPA 625.1	0.36	1			
2021/22-4	ME-VR2	matrix spike, rec	5/11/2022	Organic	4-Bromophenyl phenyl ether	n/a	=	91	%	EPA 625.1	-88	-88	53	127	
2021/22-4	ME-VR2	matrix spike dup	5/11/2022	Organic	4-Bromophenyl phenyl ether	n/a	=	16.5	µg/L	EPA 625.1	0.36	1			
2021/22-4	ME-VR2	matrix spike dup, rec	5/11/2022	Organic	4-Bromophenyl phenyl ether	n/a	=	81	%	EPA 625.1	-88	-88	53	127	
2021/22-4	ME-VR2	matrix spike, RPD	5/11/2022	Organic	4-Bromophenyl phenyl ether	n/a	=	10	%	EPA 625.1	-88	-88	0	30	
2021/22-4	MO-THO	matrix spike	5/31/2022	Organic	4-Bromophenyl phenyl ether	n/a	=	19.3	µg/L	EPA 625.1	0.36	1			
2021/22-4	MO-THO	matrix spike, rec	5/31/2022	Organic	4-Bromophenyl phenyl ether	n/a	=	102	%	EPA 625.1	-88	-88	53	127	
2021/22-4	MO-THO	matrix spike dup	5/31/2022	Organic	4-Bromophenyl phenyl ether	n/a	=	19.2	µg/L	EPA 625.1	0.36	1			
2021/22-4	MO-THO	matrix spike dup, rec	5/31/2022	Organic	4-Bromophenyl phenyl ether	n/a	=	101	%	EPA 625.1	-88	-88	53	127	
2021/22-4	MO-THO	matrix spike, RPD	5/31/2022	Organic	4-Bromophenyl phenyl ether	n/a	=	0.6	%	EPA 625.1	-88	-88	0	30	
2021/22-4	000NONPJ	matrix spike	6/6/2022	Organic	4-Chloro-3-methylphenol	n/a	=	20.6	µg/L	EPA 625.1	0.23	1			
2021/22-4	000NONPJ	matrix spike, rec	6/6/2022	Organic	4-Chloro-3-methylphenol	n/a	=	102	%	EPA 625.1	-88	-88	22	147	
2021/22-4	000NONPJ	matrix spike dup	6/6/2022	Organic	4-Chloro-3-methylphenol	n/a	=	21.4	µg/L	EPA 625.1	0.23	1			
2021/22-4	000NONPJ	matrix spike dup, rec	6/6/2022	Organic	4-Chloro-3-methylphenol	n/a	=	106	%	EPA 625.1	-88	-88	22	147	
2021/22-4	000NONPJ	matrix spike, RPD	6/6/2022	Organic	4-Chloro-3-methylphenol	n/a	=	4	%	EPA 625.1	-88	-88	0	30	
2021/22-4	Lab	LCS	5/11/2022	Organic	4-Chloro-3-methylphenol	n/a	=	18.6	µg/L	EPA 625.1	0.23	1			
2021/22-4	Lab	LCS, rec	5/11/2022	Organic	4-Chloro-3-methylphenol	n/a	=	93	%	EPA 625.1	-88	-88	41	128	
2021/22-4	Lab	method blank	5/11/2022	Organic	4-Chloro-3-methylphenol	n/a	<	0.23	µg/L	EPA 625.1	0.23	1			
2021/22-4	Lab	method blank	5/26/2022	Organic	4-Chloro-3-methylphenol	n/a	<	0.37	µg/L	EPA 8270C	0.37	1			
2021/22-4	Lab	LCS	5/26/2022	Organic	4-Chloro-3-methylphenol	n/a	=	17.3	µg/L	EPA 8270C	0.37	1			
2021/22-4	Lab	LCS, rec	5/26/2022	Organic	4-Chloro-3-methylphenol	n/a	=	87	%	EPA 8270C	-88	-88	29	108	
2021/22-4	Lab	LCS	5/31/2022	Organic	4-Chloro-3-methylphenol	n/a	=	20.3	µg/L	EPA 625.1	0.23	1			
2021/22-4	Lab	LCS, rec	5/31/2022	Organic	4-Chloro-3-methylphenol	n/a	=	101	%	EPA 625.1	-88	-88	41	128	
2021/22-4	Lab	method blank	5/31/2022	Organic	4-Chloro-3-methylphenol	n/a	<	0.23	µg/L	EPA 625.1	0.23	1			
2021/22-4	Lab	LCS	6/6/2022	Organic	4-Chloro-3-methylphenol	n/a	=	19.5	µg/L	EPA 625.1	0.23	1			
2021/22-4	Lab	LCS, rec	6/6/2022	Organic	4-Chloro-3-methylphenol	n/a	=	97	%	EPA 625.1	-88	-88	41	128	
2021/22-4	Lab	method blank	6/6/2022	Organic	4-Chloro-3-methylphenol	n/a	<	0.23	µg/L	EPA 625.1	0.23	1			
2021/22-4	Lab	LCS	6/11/2022	Organic	4-Chloro-3-methylphenol	n/a	=	17.6	µg/L	EPA 625.1	0.23	1			
2021/22-4	Lab	LCS, rec	6/11/2022	Organic	4-Chloro-3-methylphenol	n/a	=	88	%	EPA 625.1	-88	-88	41	128	
2021/22-4	Lab	LCS dup	6/11/2022	Organic	4-Chloro-3-methylphenol	n/a	=	17.5	µg/L	EPA 625.1	0.23	1			
2021/22-4	Lab	LCS dup, rec	6/11/2022	Organic	4-Chloro-3-methylphenol	n/a	=	88	%	EPA 625.1	-88	-88	41	128	
2021/22-4	Lab	LCS, RPD	6/11/2022	Organic	4-Chloro-3-methylphenol	n/a	=	0.3	%	EPA 625.1	-88	-88	0	30	
2021/22-4	Lab	method blank	6/11/2022	Organic	4-Chloro-3-methylphenol	n/a	<	0.23	µg/L	EPA 625.1	0.23	1			
2021/22-4	Lab	method blank	6/24/2022	Organic	4-Chloro-3-methylphenol	n/a	<	0.37	µg/L	EPA 8270C	0.37	1			
2021/22-4	Lab	LCS	6/24/2022	Organic	4-Chloro-3-methylphenol	n/a	=	17	µg/L	EPA 8270C	0.37	1			
2021/22-4	Lab	LCS, rec	6/24/2022	Organic	4-Chloro-3-methylphenol	n/a	=	85	%	EPA 8270C	-88	-88	29	108	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2021/22-4	ME-VR2	matrix spike	5/11/2022	Organic	4-Chloro-3-methylphenol	n/a	=	19	µg/L	EPA 625.1	0.23	1			
2021/22-4	ME-VR2	matrix spike, rec	5/11/2022	Organic	4-Chloro-3-methylphenol	n/a	=	95	%	EPA 625.1	-88	-88	22	147	
2021/22-4	ME-VR2	matrix spike dup	5/11/2022	Organic	4-Chloro-3-methylphenol	n/a	=	17.7	µg/L	EPA 625.1	0.23	1			
2021/22-4	ME-VR2	matrix spike dup, rec	5/11/2022	Organic	4-Chloro-3-methylphenol	n/a	=	87	%	EPA 625.1	-88	-88	22	147	
2021/22-4	ME-VR2	matrix spike, RPD	5/11/2022	Organic	4-Chloro-3-methylphenol	n/a	=	7	%	EPA 625.1	-88	-88	0	30	
2021/22-4	ME-VR2	matrix spike	5/26/2022	Organic	4-Chloro-3-methylphenol	n/a	=	16.4	µg/L	EPA 8270C	0.37	1			
2021/22-4	ME-VR2	matrix spike, rec	5/26/2022	Organic	4-Chloro-3-methylphenol	n/a	=	82	%	EPA 8270C	-88	-88	9	127	
2021/22-4	ME-VR2	matrix spike dup	5/26/2022	Organic	4-Chloro-3-methylphenol	n/a	=	16.9	µg/L	EPA 8270C	0.37	1			
2021/22-4	ME-VR2	matrix spike dup, rec	5/26/2022	Organic	4-Chloro-3-methylphenol	n/a	=	83	%	EPA 8270C	-88	-88	9	127	
2021/22-4	ME-VR2	matrix spike, RPD	5/26/2022	Organic	4-Chloro-3-methylphenol	n/a	=	3	%	EPA 8270C	-88	-88	0	30	
2021/22-4	MO-THO	matrix spike	5/31/2022	Organic	4-Chloro-3-methylphenol	n/a	=	20.5	µg/L	EPA 625.1	0.23	1			
2021/22-4	MO-THO	matrix spike, rec	5/31/2022	Organic	4-Chloro-3-methylphenol	n/a	=	108	%	EPA 625.1	-88	-88	22	147	
2021/22-4	MO-THO	matrix spike dup	5/31/2022	Organic	4-Chloro-3-methylphenol	n/a	=	21.4	µg/L	EPA 625.1	0.23	1			
2021/22-4	MO-THO	matrix spike dup, rec	5/31/2022	Organic	4-Chloro-3-methylphenol	n/a	=	113	%	EPA 625.1	-88	-88	22	147	
2021/22-4	MO-THO	matrix spike, RPD	5/31/2022	Organic	4-Chloro-3-methylphenol	n/a	=	4	%	EPA 625.1	-88	-88	0	30	
2021/22-4	MO-THO	matrix spike	6/24/2022	Organic	4-Chloro-3-methylphenol	n/a	=	15.7	µg/L	EPA 8270C	0.37	1			
2021/22-4	MO-THO	matrix spike, rec	6/24/2022	Organic	4-Chloro-3-methylphenol	n/a	=	83	%	EPA 8270C	-88	-88	9	127	
2021/22-4	MO-THO	matrix spike dup	6/24/2022	Organic	4-Chloro-3-methylphenol	n/a	=	16.1	µg/L	EPA 8270C	0.37	1			
2021/22-4	MO-THO	matrix spike dup, rec	6/24/2022	Organic	4-Chloro-3-methylphenol	n/a	=	85	%	EPA 8270C	-88	-88	9	127	
2021/22-4	MO-THO	matrix spike, RPD	6/24/2022	Organic	4-Chloro-3-methylphenol	n/a	=	3	%	EPA 8270C	-88	-88	0	30	
2021/22-4	000NONPJ	matrix spike	6/6/2022	Organic	4-Chlorophenyl phenyl ether	n/a	=	17.6	µg/L	EPA 625.1	0.41	1			
2021/22-4	000NONPJ	matrix spike, rec	6/6/2022	Organic	4-Chlorophenyl phenyl ether	n/a	=	87	%	EPA 625.1	-88	-88	25	158	
2021/22-4	000NONPJ	matrix spike dup	6/6/2022	Organic	4-Chlorophenyl phenyl ether	n/a	=	17.9	µg/L	EPA 625.1	0.41	1			
2021/22-4	000NONPJ	matrix spike dup, rec	6/6/2022	Organic	4-Chlorophenyl phenyl ether	n/a	=	89	%	EPA 625.1	-88	-88	25	158	
2021/22-4	000NONPJ	matrix spike, RPD	6/6/2022	Organic	4-Chlorophenyl phenyl ether	n/a	=	1	%	EPA 625.1	-88	-88	0	30	
2021/22-4	Lab	LCS	5/11/2022	Organic	4-Chlorophenyl phenyl ether	n/a	=	16.3	µg/L	EPA 625.1	0.41	1			
2021/22-4	Lab	LCS, rec	5/11/2022	Organic	4-Chlorophenyl phenyl ether	n/a	=	81	%	EPA 625.1	-88	-88	38	145	
2021/22-4	Lab	method blank	5/11/2022	Organic	4-Chlorophenyl phenyl ether	n/a	<	0.41	µg/L	EPA 625.1	0.41	1			
2021/22-4	Lab	LCS	5/31/2022	Organic	4-Chlorophenyl phenyl ether	n/a	=	15.5	µg/L	EPA 625.1	0.41	1			
2021/22-4	Lab	LCS, rec	5/31/2022	Organic	4-Chlorophenyl phenyl ether	n/a	=	77	%	EPA 625.1	-88	-88	38	145	
2021/22-4	Lab	method blank	5/31/2022	Organic	4-Chlorophenyl phenyl ether	n/a	<	0.41	µg/L	EPA 625.1	0.41	1			
2021/22-4	Lab	LCS	6/6/2022	Organic	4-Chlorophenyl phenyl ether	n/a	=	17.3	µg/L	EPA 625.1	0.41	1			
2021/22-4	Lab	LCS, rec	6/6/2022	Organic	4-Chlorophenyl phenyl ether	n/a	=	86	%	EPA 625.1	-88	-88	38	145	
2021/22-4	Lab	method blank	6/6/2022	Organic	4-Chlorophenyl phenyl ether	n/a	<	0.41	µg/L	EPA 625.1	0.41	1			
2021/22-4	Lab	LCS	6/11/2022	Organic	4-Chlorophenyl phenyl ether	n/a	=	14.9	µg/L	EPA 625.1	0.41	1			
2021/22-4	Lab	LCS, rec	6/11/2022	Organic	4-Chlorophenyl phenyl ether	n/a	=	74	%	EPA 625.1	-88	-88	38	145	
2021/22-4	Lab	LCS dup	6/11/2022	Organic	4-Chlorophenyl phenyl ether	n/a	=	15.4	µg/L	EPA 625.1	0.41	1			
2021/22-4	Lab	LCS dup, rec	6/11/2022	Organic	4-Chlorophenyl phenyl ether	n/a	=	77	%	EPA 625.1	-88	-88	38	145	
2021/22-4	Lab	LCS, RPD	6/11/2022	Organic	4-Chlorophenyl phenyl ether	n/a	=	3	%	EPA 625.1	-88	-88	0	30	
2021/22-4	Lab	method blank	6/11/2022	Organic	4-Chlorophenyl phenyl ether	n/a	<	0.41	µg/L	EPA 625.1	0.41	1			
2021/22-4	ME-VR2	matrix spike	5/11/2022	Organic	4-Chlorophenyl phenyl ether	n/a	=	17	µg/L	EPA 625.1	0.41	1			
2021/22-4	ME-VR2	matrix spike, rec	5/11/2022	Organic	4-Chlorophenyl phenyl ether	n/a	=	85	%	EPA 625.1	-88	-88	25	158	
2021/22-4	ME-VR2	matrix spike dup	5/11/2022	Organic	4-Chlorophenyl phenyl ether	n/a	=	16.1	µg/L	EPA 625.1	0.41	1			
2021/22-4	ME-VR2	matrix spike dup, rec	5/11/2022	Organic	4-Chlorophenyl phenyl ether	n/a	=	79	%	EPA 625.1	-88	-88	25	158	
2021/22-4	ME-VR2	matrix spike, RPD	5/11/2022	Organic	4-Chlorophenyl phenyl ether	n/a	=	5	%	EPA 625.1	-88	-88	0	30	
2021/22-4	MO-THO	matrix spike	5/31/2022	Organic	4-Chlorophenyl phenyl ether	n/a	=	16.5	µg/L	EPA 625.1	0.41	1			
2021/22-4	MO-THO	matrix spike, rec	5/31/2022	Organic	4-Chlorophenyl phenyl ether	n/a	=	87	%	EPA 625.1	-88	-88	25	158	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2021/22-4	MO-THO	matrix spike dup	5/31/2022	Organic	4-Chlorophenyl phenyl ether	n/a	=	16.5	µg/L	EPA 625.1	0.41	1			
2021/22-4	MO-THO	matrix spike dup, rec	5/31/2022	Organic	4-Chlorophenyl phenyl ether	n/a	=	87	%	EPA 625.1	-88	-88	25	158	
2021/22-4	MO-THO	matrix spike, RPD	5/31/2022	Organic	4-Chlorophenyl phenyl ether	n/a	=	0.2	%	EPA 625.1	-88	-88	0	30	
2021/22-4	000NONPJ	matrix spike	6/6/2022	Organic	4-Nitrophenol	n/a	=	6.73	µg/L	EPA 625.1	1.2	5			
2021/22-4	000NONPJ	matrix spike, rec	6/6/2022	Organic	4-Nitrophenol	n/a	=	33	%	EPA 625.1	-88	-88	0.1	132	
2021/22-4	000NONPJ	matrix spike dup	6/6/2022	Organic	4-Nitrophenol	n/a	=	7.11	µg/L	EPA 625.1	1.2	5			
2021/22-4	000NONPJ	matrix spike dup, rec	6/6/2022	Organic	4-Nitrophenol	n/a	=	35	%	EPA 625.1	-88	-88	0.1	132	
2021/22-4	000NONPJ	matrix spike, RPD	6/6/2022	Organic	4-Nitrophenol	n/a	=	6	%	EPA 625.1	-88	-88	0	30	
2021/22-4	Lab	LCS	5/11/2022	Organic	4-Nitrophenol	n/a	=	6.33	µg/L	EPA 625.1	1.2	5			
2021/22-4	Lab	LCS, rec	5/11/2022	Organic	4-Nitrophenol	n/a	=	32	%	EPA 625.1	-88	-88	13	129	
2021/22-4	Lab	method blank	5/11/2022	Organic	4-Nitrophenol	n/a	<	1.2	µg/L	EPA 625.1	1.2	5			
2021/22-4	Lab	method blank	5/26/2022	Organic	4-Nitrophenol	n/a	<	1	µg/L	EPA 8270C	1	2			
2021/22-4	Lab	LCS	5/26/2022	Organic	4-Nitrophenol	n/a	=	5.61	µg/L	EPA 8270C	1	2			
2021/22-4	Lab	LCS, rec	5/26/2022	Organic	4-Nitrophenol	n/a	=	28	%	EPA 8270C	-88	-88	6	46	
2021/22-4	Lab	LCS	5/31/2022	Organic	4-Nitrophenol	n/a	=	6.33	µg/L	EPA 625.1	1.2	5			
2021/22-4	Lab	LCS, rec	5/31/2022	Organic	4-Nitrophenol	n/a	=	32	%	EPA 625.1	-88	-88	13	129	
2021/22-4	Lab	method blank	5/31/2022	Organic	4-Nitrophenol	n/a	<	1.2	µg/L	EPA 625.1	1.2	5			
2021/22-4	Lab	LCS	6/6/2022	Organic	4-Nitrophenol	n/a	=	5.44	µg/L	EPA 625.1	1.2	5			
2021/22-4	Lab	LCS, rec	6/6/2022	Organic	4-Nitrophenol	n/a	=	27	%	EPA 625.1	-88	-88	13	129	
2021/22-4	Lab	method blank	6/6/2022	Organic	4-Nitrophenol	n/a	<	1.2	µg/L	EPA 625.1	1.2	5			
2021/22-4	Lab	LCS	6/11/2022	Organic	4-Nitrophenol	n/a	=	6.89	µg/L	EPA 625.1	1.2	5			
2021/22-4	Lab	LCS, rec	6/11/2022	Organic	4-Nitrophenol	n/a	=	34	%	EPA 625.1	-88	-88	13	129	
2021/22-4	Lab	LCS dup	6/11/2022	Organic	4-Nitrophenol	n/a	=	7.6	µg/L	EPA 625.1	1.2	5			
2021/22-4	Lab	LCS dup, rec	6/11/2022	Organic	4-Nitrophenol	n/a	=	38	%	EPA 625.1	-88	-88	13	129	
2021/22-4	Lab	LCS, RPD	6/11/2022	Organic	4-Nitrophenol	n/a	=	10	%	EPA 625.1	-88	-88	0	30	
2021/22-4	Lab	method blank	6/11/2022	Organic	4-Nitrophenol	n/a	<	1.2	µg/L	EPA 625.1	1.2	5			
2021/22-4	Lab	method blank	6/24/2022	Organic	4-Nitrophenol	n/a	<	1	µg/L	EPA 8270C	1	2			
2021/22-4	Lab	LCS	6/24/2022	Organic	4-Nitrophenol	n/a	=	6.29	µg/L	EPA 8270C	1	2			
2021/22-4	Lab	LCS, rec	6/24/2022	Organic	4-Nitrophenol	n/a	=	31	%	EPA 8270C	-88	-88	6	46	
2021/22-4	ME-VR2	matrix spike	5/11/2022	Organic	4-Nitrophenol	n/a	=	6.57	µg/L	EPA 625.1	1.2	5			
2021/22-4	ME-VR2	matrix spike, rec	5/11/2022	Organic	4-Nitrophenol	n/a	=	33	%	EPA 625.1	-88	-88	0.1	132	
2021/22-4	ME-VR2	matrix spike dup	5/11/2022	Organic	4-Nitrophenol	n/a	=	5.81	µg/L	EPA 625.1	1.2	5			
2021/22-4	ME-VR2	matrix spike dup, rec	5/11/2022	Organic	4-Nitrophenol	n/a	=	29	%	EPA 625.1	-88	-88	0.1	132	
2021/22-4	ME-VR2	matrix spike, RPD	5/11/2022	Organic	4-Nitrophenol	n/a	=	12	%	EPA 625.1	-88	-88	0	30	
2021/22-4	ME-VR2	matrix spike	5/26/2022	Organic	4-Nitrophenol	n/a	=	5.67	µg/L	EPA 8270C	1	2			
2021/22-4	ME-VR2	matrix spike, rec	5/26/2022	Organic	4-Nitrophenol	n/a	=	28	%	EPA 8270C	-88	-88	0.1	77	
2021/22-4	ME-VR2	matrix spike dup	5/26/2022	Organic	4-Nitrophenol	n/a	=	6.62	µg/L	EPA 8270C	1	2			
2021/22-4	ME-VR2	matrix spike dup, rec	5/26/2022	Organic	4-Nitrophenol	n/a	=	33	%	EPA 8270C	-88	-88	0.1	77	
2021/22-4	ME-VR2	matrix spike, RPD	5/26/2022	Organic	4-Nitrophenol	n/a	=	15	%	EPA 8270C	-88	-88	0	30	
2021/22-4	MO-THO	matrix spike	5/31/2022	Organic	4-Nitrophenol	n/a	=	5.15	µg/L	EPA 625.1	1.2	5			
2021/22-4	MO-THO	matrix spike, rec	5/31/2022	Organic	4-Nitrophenol	n/a	=	27	%	EPA 625.1	-88	-88	0.1	132	
2021/22-4	MO-THO	matrix spike dup	5/31/2022	Organic	4-Nitrophenol	n/a	=	5	µg/L	EPA 625.1	1.2	5			
2021/22-4	MO-THO	matrix spike dup, rec	5/31/2022	Organic	4-Nitrophenol	n/a	=	26	%	EPA 625.1	-88	-88	0.1	132	
2021/22-4	MO-THO	matrix spike, RPD	5/31/2022	Organic	4-Nitrophenol	n/a	=	3	%	EPA 625.1	-88	-88	0	30	
2021/22-4	MO-THO	matrix spike	6/24/2022	Organic	4-Nitrophenol	n/a	=	6.21	µg/L	EPA 8270C	1	2			
2021/22-4	MO-THO	matrix spike, rec	6/24/2022	Organic	4-Nitrophenol	n/a	=	33	%	EPA 8270C	-88	-88	0.1	77	
2021/22-4	MO-THO	matrix spike dup	6/24/2022	Organic	4-Nitrophenol	n/a	=	5.95	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	
2021/22-4	MO-THO	matrix spike dup, rec	6/24/2022	Organic	4-Nitrophenol	n/a	=	31	%	EPA 8270C	-88	-88	0.1	77	
2021/22-4	MO-THO	matrix spike, RPD	6/24/2022	Organic	4-Nitrophenol	n/a	=	4	%	EPA 8270C	-88	-88	0	30	
2021/22-4	000NONPJ	matrix spike	6/6/2022	Organic	Acenaphthene	n/a	=	18	µg/L	EPA 625.1	0.38	1			
2021/22-4	000NONPJ	matrix spike, rec	6/6/2022	Organic	Acenaphthene	n/a	=	90	%	EPA 625.1	-88	-88	47	145	
2021/22-4	000NONPJ	matrix spike dup	6/6/2022	Organic	Acenaphthene	n/a	=	17.4	µg/L	EPA 625.1	0.38	1			
2021/22-4	000NONPJ	matrix spike dup, rec	6/6/2022	Organic	Acenaphthene	n/a	=	87	%	EPA 625.1	-88	-88	47	145	
2021/22-4	000NONPJ	matrix spike, RPD	6/6/2022	Organic	Acenaphthene	n/a	=	3	%	EPA 625.1	-88	-88	0	30	
2021/22-4	Lab	LCS	5/11/2022	Organic	Acenaphthene	n/a	=	17.7	µg/L	EPA 625.1	0.38	1			
2021/22-4	Lab	LCS, rec	5/11/2022	Organic	Acenaphthene	n/a	=	88	%	EPA 625.1	-88	-88	60	132	
2021/22-4	Lab	method blank	5/11/2022	Organic	Acenaphthene	n/a	<	0.38	µg/L	EPA 625.1	0.38	1			
2021/22-4	Lab	method blank	5/13/2022	Organic	Acenaphthene	n/a	<	0.028	µg/L	EPA 8270C	0.028	0.1			
2021/22-4	Lab	LCS	5/13/2022	Organic	Acenaphthene	n/a	=	15.8	µg/L	EPA 8270C	0.028	0.1			
2021/22-4	Lab	LCS, rec	5/13/2022	Organic	Acenaphthene	n/a	=	79	%	EPA 8270C	-88	-88	11	122	
2021/22-4	Lab	LCS	5/31/2022	Organic	Acenaphthene	n/a	=	16.4	µg/L	EPA 625.1	0.38	1			
2021/22-4	Lab	LCS, rec	5/31/2022	Organic	Acenaphthene	n/a	=	82	%	EPA 625.1	-88	-88	60	132	
2021/22-4	Lab	method blank	5/31/2022	Organic	Acenaphthene	n/a	<	0.38	µg/L	EPA 625.1	0.38	1			
2021/22-4	Lab	LCS	6/6/2022	Organic	Acenaphthene	n/a	=	17.3	µg/L	EPA 625.1	0.38	1			
2021/22-4	Lab	LCS, rec	6/6/2022	Organic	Acenaphthene	n/a	=	86	%	EPA 625.1	-88	-88	60	132	
2021/22-4	Lab	method blank	6/6/2022	Organic	Acenaphthene	n/a	<	0.38	µg/L	EPA 625.1	0.38	1			
2021/22-4	Lab	LCS	6/11/2022	Organic	Acenaphthene	n/a	=	15.3	µg/L	EPA 625.1	0.38	1			
2021/22-4	Lab	LCS, rec	6/11/2022	Organic	Acenaphthene	n/a	=	77	%	EPA 625.1	-88	-88	60	132	
2021/22-4	Lab	LCS dup	6/11/2022	Organic	Acenaphthene	n/a	=	16	µg/L	EPA 625.1	0.38	1			
2021/22-4	Lab	LCS dup, rec	6/11/2022	Organic	Acenaphthene	n/a	=	80	%	EPA 625.1	-88	-88	60	132	
2021/22-4	Lab	LCS, RPD	6/11/2022	Organic	Acenaphthene	n/a	=	4	%	EPA 625.1	-88	-88	0	30	
2021/22-4	Lab	method blank	6/11/2022	Organic	Acenaphthene	n/a	<	0.38	µg/L	EPA 625.1	0.38	1			
2021/22-4	Lab	method blank	6/25/2022	Organic	Acenaphthene	n/a	<	0.028	µg/L	EPA 8270C	0.028	0.1			
2021/22-4	Lab	LCS	6/25/2022	Organic	Acenaphthene	n/a	=	15	µg/L	EPA 8270C	0.028	0.1			
2021/22-4	Lab	LCS, rec	6/25/2022	Organic	Acenaphthene	n/a	=	75	%	EPA 8270C	-88	-88	11	122	
2021/22-4	ME-VR2	matrix spike	5/11/2022	Organic	Acenaphthene	n/a	=	18.1	µg/L	EPA 625.1	0.38	1			
2021/22-4	ME-VR2	matrix spike, rec	5/11/2022	Organic	Acenaphthene	n/a	=	90	%	EPA 625.1	-88	-88	47	145	
2021/22-4	ME-VR2	matrix spike dup	5/11/2022	Organic	Acenaphthene	n/a	=	17.9	µg/L	EPA 625.1	0.38	1			
2021/22-4	ME-VR2	matrix spike dup, rec	5/11/2022	Organic	Acenaphthene	n/a	=	88	%	EPA 625.1	-88	-88	47	145	
2021/22-4	ME-VR2	matrix spike, RPD	5/11/2022	Organic	Acenaphthene	n/a	=	1	%	EPA 625.1	-88	-88	0	30	
2021/22-4	ME-VR2	matrix spike	5/13/2022	Organic	Acenaphthene	n/a	=	15.4	µg/L	EPA 8270C	0.028	0.1			
2021/22-4	ME-VR2	matrix spike, rec	5/13/2022	Organic	Acenaphthene	n/a	=	77	%	EPA 8270C	-88	-88	16	116	
2021/22-4	ME-VR2	matrix spike dup	5/14/2022	Organic	Acenaphthene	n/a	=	15.5	µg/L	EPA 8270C	0.028	0.1			
2021/22-4	ME-VR2	matrix spike dup, rec	5/14/2022	Organic	Acenaphthene	n/a	=	76	%	EPA 8270C	-88	-88	16	116	
2021/22-4	ME-VR2	matrix spike, RPD	5/14/2022	Organic	Acenaphthene	n/a	=	0.5	%	EPA 8270C	-88	-88	0	30	
2021/22-4	MO-THO	matrix spike	5/31/2022	Organic	Acenaphthene	n/a	=	17.6	µg/L	EPA 625.1	0.38	1			
2021/22-4	MO-THO	matrix spike, rec	5/31/2022	Organic	Acenaphthene	n/a	=	93	%	EPA 625.1	-88	-88	47	145	
2021/22-4	MO-THO	matrix spike dup	5/31/2022	Organic	Acenaphthene	n/a	=	17.8	µg/L	EPA 625.1	0.38	1			
2021/22-4	MO-THO	matrix spike dup, rec	5/31/2022	Organic	Acenaphthene	n/a	=	94	%	EPA 625.1	-88	-88	47	145	
2021/22-4	MO-THO	matrix spike, RPD	5/31/2022	Organic	Acenaphthene	n/a	=	1	%	EPA 625.1	-88	-88	0	30	
2021/22-4	MO-THO	matrix spike	6/25/2022	Organic	Acenaphthene	n/a	=	14.3	µg/L	EPA 8270C	0.028	0.1			
2021/22-4	MO-THO	matrix spike, rec	6/25/2022	Organic	Acenaphthene	n/a	=	75	%	EPA 8270C	-88	-88	16	116	
2021/22-4	MO-THO	matrix spike dup	6/25/2022	Organic	Acenaphthene	n/a	=	14.2	µg/L	EPA 8270C	0.028	0.1			
2021/22-4	MO-THO	matrix spike dup, rec	6/25/2022	Organic	Acenaphthene	n/a	=	75	%	EPA 8270C	-88	-88	16	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	
2021/22-4	MO-THO	matrix spike, RPD	6/25/2022	Organic	Acenaphthene	n/a	=	0.6	%	EPA 8270C	-88	-88	0	30	
2021/22-4	000NONPJ	matrix spike	6/6/2022	Organic	Acenaphthylene	n/a	=	19.9	µg/L	EPA 625.1	0.35	1			
2021/22-4	000NONPJ	matrix spike, rec	6/6/2022	Organic	Acenaphthylene	n/a	=	99	%	EPA 625.1	-88	-88	33	145	
2021/22-4	000NONPJ	matrix spike dup	6/6/2022	Organic	Acenaphthylene	n/a	=	20.5	µg/L	EPA 625.1	0.35	1			
2021/22-4	000NONPJ	matrix spike dup, rec	6/6/2022	Organic	Acenaphthylene	n/a	=	102	%	EPA 625.1	-88	-88	33	145	
2021/22-4	000NONPJ	matrix spike, RPD	6/6/2022	Organic	Acenaphthylene	n/a	=	3	%	EPA 625.1	-88	-88	0	30	
2021/22-4	Lab	LCS	5/11/2022	Organic	Acenaphthylene	n/a	=	18	µg/L	EPA 625.1	0.35	1			
2021/22-4	Lab	LCS, rec	5/11/2022	Organic	Acenaphthylene	n/a	=	90	%	EPA 625.1	-88	-88	54	126	
2021/22-4	Lab	method blank	5/11/2022	Organic	Acenaphthylene	n/a	<	0.35	µg/L	EPA 625.1	0.35	1			
2021/22-4	Lab	method blank	5/13/2022	Organic	Acenaphthylene	n/a	<	0.033	µg/L	EPA 8270C	0.033	0.1			
2021/22-4	Lab	LCS	5/13/2022	Organic	Acenaphthylene	n/a	=	19.5	µg/L	EPA 8270C	0.033	0.1			
2021/22-4	Lab	LCS, rec	5/13/2022	Organic	Acenaphthylene	n/a	=	98	%	EPA 8270C	-88	-88	4	135	
2021/22-4	Lab	LCS	5/31/2022	Organic	Acenaphthylene	n/a	=	19.9	µg/L	EPA 625.1	0.35	1			
2021/22-4	Lab	LCS, rec	5/31/2022	Organic	Acenaphthylene	n/a	=	100	%	EPA 625.1	-88	-88	54	126	
2021/22-4	Lab	method blank	5/31/2022	Organic	Acenaphthylene	n/a	<	0.35	µg/L	EPA 625.1	0.35	1			
2021/22-4	Lab	LCS	6/6/2022	Organic	Acenaphthylene	n/a	=	19.3	µg/L	EPA 625.1	0.35	1			
2021/22-4	Lab	LCS, rec	6/6/2022	Organic	Acenaphthylene	n/a	=	97	%	EPA 625.1	-88	-88	54	126	
2021/22-4	Lab	method blank	6/6/2022	Organic	Acenaphthylene	n/a	<	0.35	µg/L	EPA 625.1	0.35	1			
2021/22-4	Lab	LCS	6/11/2022	Organic	Acenaphthylene	n/a	=	16.2	µg/L	EPA 625.1	0.35	1			
2021/22-4	Lab	LCS, rec	6/11/2022	Organic	Acenaphthylene	n/a	=	81	%	EPA 625.1	-88	-88	54	126	
2021/22-4	Lab	LCS dup	6/11/2022	Organic	Acenaphthylene	n/a	=	16.6	µg/L	EPA 625.1	0.35	1			
2021/22-4	Lab	LCS dup, rec	6/11/2022	Organic	Acenaphthylene	n/a	=	83	%	EPA 625.1	-88	-88	54	126	
2021/22-4	Lab	LCS, RPD	6/11/2022	Organic	Acenaphthylene	n/a	=	3	%	EPA 625.1	-88	-88	0	30	
2021/22-4	Lab	method blank	6/11/2022	Organic	Acenaphthylene	n/a	<	0.35	µg/L	EPA 625.1	0.35	1			
2021/22-4	Lab	method blank	6/25/2022	Organic	Acenaphthylene	n/a	<	0.033	µg/L	EPA 8270C	0.033	0.1			
2021/22-4	Lab	LCS	6/25/2022	Organic	Acenaphthylene	n/a	=	18.2	µg/L	EPA 8270C	0.033	0.1			
2021/22-4	Lab	LCS, rec	6/25/2022	Organic	Acenaphthylene	n/a	=	91	%	EPA 8270C	-88	-88	4	135	
2021/22-4	ME-VR2	matrix spike	5/11/2022	Organic	Acenaphthylene	n/a	=	18.8	µg/L	EPA 625.1	0.35	1			
2021/22-4	ME-VR2	matrix spike, rec	5/11/2022	Organic	Acenaphthylene	n/a	=	94	%	EPA 625.1	-88	-88	33	145	
2021/22-4	ME-VR2	matrix spike dup	5/11/2022	Organic	Acenaphthylene	n/a	=	17.3	µg/L	EPA 625.1	0.35	1			
2021/22-4	ME-VR2	matrix spike dup, rec	5/11/2022	Organic	Acenaphthylene	n/a	=	85	%	EPA 625.1	-88	-88	33	145	
2021/22-4	ME-VR2	matrix spike, RPD	5/11/2022	Organic	Acenaphthylene	n/a	=	9	%	EPA 625.1	-88	-88	0	30	
2021/22-4	ME-VR2	matrix spike	5/13/2022	Organic	Acenaphthylene	n/a	=	18.1	µg/L	EPA 8270C	0.033	0.1			
2021/22-4	ME-VR2	matrix spike, rec	5/13/2022	Organic	Acenaphthylene	n/a	=	90	%	EPA 8270C	-88	-88	23	106	
2021/22-4	ME-VR2	matrix spike dup	5/14/2022	Organic	Acenaphthylene	n/a	=	18.3	µg/L	EPA 8270C	0.033	0.1			
2021/22-4	ME-VR2	matrix spike dup, rec	5/14/2022	Organic	Acenaphthylene	n/a	=	90	%	EPA 8270C	-88	-88	23	106	
2021/22-4	ME-VR2	matrix spike, RPD	5/14/2022	Organic	Acenaphthylene	n/a	=	0.9	%	EPA 8270C	-88	-88	0	30	
2021/22-4	MO-THO	matrix spike	5/31/2022	Organic	Acenaphthylene	n/a	=	20.3	µg/L	EPA 625.1	0.35	1			
2021/22-4	MO-THO	matrix spike, rec	5/31/2022	Organic	Acenaphthylene	n/a	=	107	%	EPA 625.1	-88	-88	33	145	
2021/22-4	MO-THO	matrix spike dup	5/31/2022	Organic	Acenaphthylene	n/a	=	21.1	µg/L	EPA 625.1	0.35	1			
2021/22-4	MO-THO	matrix spike dup, rec	5/31/2022	Organic	Acenaphthylene	n/a	=	112	%	EPA 625.1	-88	-88	33	145	
2021/22-4	MO-THO	matrix spike, RPD	5/31/2022	Organic	Acenaphthylene	n/a	=	4	%	EPA 625.1	-88	-88	0	30	
2021/22-4	MO-THO	matrix spike	6/25/2022	Organic	Acenaphthylene	n/a	=	17.1	µg/L	EPA 8270C	0.033	0.1			
2021/22-4	MO-THO	matrix spike, rec	6/25/2022	Organic	Acenaphthylene	n/a	=	90	%	EPA 8270C	-88	-88	23	106	
2021/22-4	MO-THO	matrix spike dup	6/25/2022	Organic	Acenaphthylene	n/a	=	17.2	µg/L	EPA 8270C	0.033	0.1			
2021/22-4	MO-THO	matrix spike dup, rec	6/25/2022	Organic	Acenaphthylene	n/a	=	91	%	EPA 8270C	-88	-88	23	106	
2021/22-4	MO-THO	matrix spike, RPD	6/25/2022	Organic	Acenaphthylene	n/a	=	0.4	%	EPA 8270C	-88	-88	0	30	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2021/22-4	000NONPJ	matrix spike	6/6/2022	Organic	Anthracene	n/a	=	20.1	µg/L	EPA 625.1	0.41	1			
2021/22-4	000NONPJ	matrix spike, rec	6/6/2022	Organic	Anthracene	n/a	=	100	%	EPA 625.1	-88	-88	27	133	
2021/22-4	000NONPJ	matrix spike dup	6/6/2022	Organic	Anthracene	n/a	=	19.7	µg/L	EPA 625.1	0.41	1			
2021/22-4	000NONPJ	matrix spike dup, rec	6/6/2022	Organic	Anthracene	n/a	=	98	%	EPA 625.1	-88	-88	27	133	
2021/22-4	000NONPJ	matrix spike, RPD	6/6/2022	Organic	Anthracene	n/a	=	2	%	EPA 625.1	-88	-88	0	30	
2021/22-4	Lab	LCS	5/11/2022	Organic	Anthracene	n/a	=	17.4	µg/L	EPA 625.1	0.41	1			
2021/22-4	Lab	LCS, rec	5/11/2022	Organic	Anthracene	n/a	=	87	%	EPA 625.1	-88	-88	43	120	
2021/22-4	Lab	method blank	5/11/2022	Organic	Anthracene	n/a	<	0.41	µg/L	EPA 625.1	0.41	1			
2021/22-4	Lab	method blank	5/13/2022	Organic	Anthracene	n/a	<	0.025	µg/L	EPA 8270C	0.025	0.1			
2021/22-4	Lab	LCS	5/13/2022	Organic	Anthracene	n/a	=	19	µg/L	EPA 8270C	0.025	0.1			
2021/22-4	Lab	LCS, rec	5/13/2022	Organic	Anthracene	n/a	=	95	%	EPA 8270C	-88	-88	22	127	
2021/22-4	Lab	LCS	5/31/2022	Organic	Anthracene	n/a	=	20.5	µg/L	EPA 625.1	0.41	1			
2021/22-4	Lab	LCS, rec	5/31/2022	Organic	Anthracene	n/a	=	102	%	EPA 625.1	-88	-88	43	120	
2021/22-4	Lab	method blank	5/31/2022	Organic	Anthracene	n/a	<	0.41	µg/L	EPA 625.1	0.41	1			
2021/22-4	Lab	LCS	6/6/2022	Organic	Anthracene	n/a	=	17.8	µg/L	EPA 625.1	0.41	1			
2021/22-4	Lab	LCS, rec	6/6/2022	Organic	Anthracene	n/a	=	89	%	EPA 625.1	-88	-88	43	120	
2021/22-4	Lab	method blank	6/6/2022	Organic	Anthracene	n/a	<	0.41	µg/L	EPA 625.1	0.41	1			
2021/22-4	Lab	LCS	6/11/2022	Organic	Anthracene	n/a	=	18.2	µg/L	EPA 625.1	0.41	1			
2021/22-4	Lab	LCS, rec	6/11/2022	Organic	Anthracene	n/a	=	91	%	EPA 625.1	-88	-88	43	120	
2021/22-4	Lab	LCS dup	6/11/2022	Organic	Anthracene	n/a	=	18.8	µg/L	EPA 625.1	0.41	1			
2021/22-4	Lab	LCS dup, rec	6/11/2022	Organic	Anthracene	n/a	=	94	%	EPA 625.1	-88	-88	43	120	
2021/22-4	Lab	LCS, RPD	6/11/2022	Organic	Anthracene	n/a	=	3	%	EPA 625.1	-88	-88	0	30	
2021/22-4	Lab	method blank	6/11/2022	Organic	Anthracene	n/a	<	0.41	µg/L	EPA 625.1	0.41	1			
2021/22-4	Lab	method blank	6/25/2022	Organic	Anthracene	n/a	<	0.025	µg/L	EPA 8270C	0.025	0.1			
2021/22-4	Lab	LCS	6/25/2022	Organic	Anthracene	n/a	=	15.7	µg/L	EPA 8270C	0.025	0.1			
2021/22-4	Lab	LCS, rec	6/25/2022	Organic	Anthracene	n/a	=	78	%	EPA 8270C	-88	-88	22	127	
2021/22-4	ME-VR2	matrix spike	5/11/2022	Organic	Anthracene	n/a	=	18.6	µg/L	EPA 625.1	0.41	1			
2021/22-4	ME-VR2	matrix spike, rec	5/11/2022	Organic	Anthracene	n/a	=	93	%	EPA 625.1	-88	-88	27	133	
2021/22-4	ME-VR2	matrix spike dup	5/11/2022	Organic	Anthracene	n/a	=	18	µg/L	EPA 625.1	0.41	1			
2021/22-4	ME-VR2	matrix spike dup, rec	5/11/2022	Organic	Anthracene	n/a	=	89	%	EPA 625.1	-88	-88	27	133	
2021/22-4	ME-VR2	matrix spike, RPD	5/11/2022	Organic	Anthracene	n/a	=	3	%	EPA 625.1	-88	-88	0	30	
2021/22-4	ME-VR2	matrix spike	5/13/2022	Organic	Anthracene	n/a	=	18.6	µg/L	EPA 8270C	0.025	0.1			
2021/22-4	ME-VR2	matrix spike, rec	5/13/2022	Organic	Anthracene	n/a	=	93	%	EPA 8270C	-88	-88	5	147	
2021/22-4	ME-VR2	matrix spike dup	5/14/2022	Organic	Anthracene	n/a	=	18.5	µg/L	EPA 8270C	0.025	0.1			
2021/22-4	ME-VR2	matrix spike dup, rec	5/14/2022	Organic	Anthracene	n/a	=	91	%	EPA 8270C	-88	-88	5	147	
2021/22-4	ME-VR2	matrix spike, RPD	5/14/2022	Organic	Anthracene	n/a	=	0.3	%	EPA 8270C	-88	-88	0	30	
2021/22-4	MO-THO	matrix spike	5/31/2022	Organic	Anthracene	n/a	=	19.2	µg/L	EPA 625.1	0.41	1			
2021/22-4	MO-THO	matrix spike, rec	5/31/2022	Organic	Anthracene	n/a	=	101	%	EPA 625.1	-88	-88	27	133	
2021/22-4	MO-THO	matrix spike dup	5/31/2022	Organic	Anthracene	n/a	=	20.4	µg/L	EPA 625.1	0.41	1			
2021/22-4	MO-THO	matrix spike dup, rec	5/31/2022	Organic	Anthracene	n/a	=	108	%	EPA 625.1	-88	-88	27	133	
2021/22-4	MO-THO	matrix spike, RPD	5/31/2022	Organic	Anthracene	n/a	=	6	%	EPA 625.1	-88	-88	0	30	
2021/22-4	MO-THO	matrix spike	6/25/2022	Organic	Anthracene	n/a	=	14.9	µg/L	EPA 8270C	0.025	0.1			
2021/22-4	MO-THO	matrix spike, rec	6/25/2022	Organic	Anthracene	n/a	=	79	%	EPA 8270C	-88	-88	5	147	
2021/22-4	MO-THO	matrix spike dup	6/25/2022	Organic	Anthracene	n/a	=	14.9	µg/L	EPA 8270C	0.025	0.1			
2021/22-4	MO-THO	matrix spike dup, rec	6/25/2022	Organic	Anthracene	n/a	=	78	%	EPA 8270C	-88	-88	5	147	
2021/22-4	MO-THO	matrix spike, RPD	6/25/2022	Organic	Anthracene	n/a	=	0.3	%	EPA 8270C	-88	-88	0	30	
2021/22-4	000NONPJ	matrix spike	6/6/2022	Organic	Benz(a)anthracene	n/a	=	18.3	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	
2021/22-4	000NONPJ	matrix spike, rec	6/6/2022	Organic	Benz(a)anthracene	n/a	=	91	%	EPA 625.1	-88	-88	33	143	
2021/22-4	000NONPJ	matrix spike dup	6/6/2022	Organic	Benz(a)anthracene	n/a	=	18.8	µg/L	EPA 625.1	0.19	1			
2021/22-4	000NONPJ	matrix spike dup, rec	6/6/2022	Organic	Benz(a)anthracene	n/a	=	93	%	EPA 625.1	-88	-88	33	143	
2021/22-4	000NONPJ	matrix spike, RPD	6/6/2022	Organic	Benz(a)anthracene	n/a	=	3	%	EPA 625.1	-88	-88	0	30	
2021/22-4	Lab	LCS	5/11/2022	Organic	Benz(a)anthracene	n/a	=	13.9	µg/L	EPA 625.1	0.19	1			
2021/22-4	Lab	LCS, rec	5/11/2022	Organic	Benz(a)anthracene	n/a	=	69	%	EPA 625.1	-88	-88	42	133	
2021/22-4	Lab	method blank	5/11/2022	Organic	Benz(a)anthracene	n/a	<	0.19	µg/L	EPA 625.1	0.19	1			
2021/22-4	Lab	method blank	5/13/2022	Organic	Benz(a)anthracene	n/a	<	0.051	µg/L	EPA 8270C	0.051	0.1			
2021/22-4	Lab	LCS	5/13/2022	Organic	Benz(a)anthracene	n/a	=	16.1	µg/L	EPA 8270C	0.051	0.1			
2021/22-4	Lab	LCS, rec	5/13/2022	Organic	Benz(a)anthracene	n/a	=	80	%	EPA 8270C	-88	-88	17	131	
2021/22-4	Lab	LCS	5/31/2022	Organic	Benz(a)anthracene	n/a	=	20.9	µg/L	EPA 625.1	0.19	1			
2021/22-4	Lab	LCS, rec	5/31/2022	Organic	Benz(a)anthracene	n/a	=	105	%	EPA 625.1	-88	-88	42	133	
2021/22-4	Lab	method blank	5/31/2022	Organic	Benz(a)anthracene	n/a	<	0.19	µg/L	EPA 625.1	0.19	1			
2021/22-4	Lab	LCS	6/6/2022	Organic	Benz(a)anthracene	n/a	=	14.7	µg/L	EPA 625.1	0.19	1			
2021/22-4	Lab	LCS, rec	6/6/2022	Organic	Benz(a)anthracene	n/a	=	73	%	EPA 625.1	-88	-88	42	133	
2021/22-4	Lab	method blank	6/6/2022	Organic	Benz(a)anthracene	n/a	<	0.19	µg/L	EPA 625.1	0.19	1			
2021/22-4	Lab	LCS	6/11/2022	Organic	Benz(a)anthracene	n/a	=	19.3	µg/L	EPA 625.1	0.19	1			
2021/22-4	Lab	LCS, rec	6/11/2022	Organic	Benz(a)anthracene	n/a	=	96	%	EPA 625.1	-88	-88	42	133	
2021/22-4	Lab	LCS dup	6/11/2022	Organic	Benz(a)anthracene	n/a	=	18.8	µg/L	EPA 625.1	0.19	1			
2021/22-4	Lab	LCS dup, rec	6/11/2022	Organic	Benz(a)anthracene	n/a	=	94	%	EPA 625.1	-88	-88	42	133	
2021/22-4	Lab	LCS, RPD	6/11/2022	Organic	Benz(a)anthracene	n/a	=	2	%	EPA 625.1	-88	-88	0	30	
2021/22-4	Lab	method blank	6/11/2022	Organic	Benz(a)anthracene	n/a	<	0.19	µg/L	EPA 625.1	0.19	1			
2021/22-4	Lab	method blank	6/25/2022	Organic	Benz(a)anthracene	n/a	<	0.051	µg/L	EPA 8270C	0.051	0.1			
2021/22-4	Lab	LCS	6/25/2022	Organic	Benz(a)anthracene	n/a	=	18.6	µg/L	EPA 8270C	0.051	0.1			
2021/22-4	Lab	LCS, rec	6/25/2022	Organic	Benz(a)anthracene	n/a	=	93	%	EPA 8270C	-88	-88	17	131	
2021/22-4	ME-VR2	matrix spike	5/11/2022	Organic	Benz(a)anthracene	n/a	=	15.7	µg/L	EPA 625.1	0.19	1			
2021/22-4	ME-VR2	matrix spike, rec	5/11/2022	Organic	Benz(a)anthracene	n/a	=	78	%	EPA 625.1	-88	-88	33	143	
2021/22-4	ME-VR2	matrix spike dup	5/11/2022	Organic	Benz(a)anthracene	n/a	=	14.8	µg/L	EPA 625.1	0.19	1			
2021/22-4	ME-VR2	matrix spike dup, rec	5/11/2022	Organic	Benz(a)anthracene	n/a	=	73	%	EPA 625.1	-88	-88	33	143	
2021/22-4	ME-VR2	matrix spike, RPD	5/11/2022	Organic	Benz(a)anthracene	n/a	=	5	%	EPA 625.1	-88	-88	0	30	
2021/22-4	ME-VR2	matrix spike	5/13/2022	Organic	Benz(a)anthracene	n/a	=	14.9	µg/L	EPA 8270C	0.051	0.1			
2021/22-4	ME-VR2	matrix spike, rec	5/13/2022	Organic	Benz(a)anthracene	n/a	=	74	%	EPA 8270C	-88	-88	1	140	
2021/22-4	ME-VR2	matrix spike dup	5/14/2022	Organic	Benz(a)anthracene	n/a	=	14.9	µg/L	EPA 8270C	0.051	0.1			
2021/22-4	ME-VR2	matrix spike dup, rec	5/14/2022	Organic	Benz(a)anthracene	n/a	=	73	%	EPA 8270C	-88	-88	1	140	
2021/22-4	ME-VR2	matrix spike, RPD	5/14/2022	Organic	Benz(a)anthracene	n/a	=	0.3	%	EPA 8270C	-88	-88	0	30	
2021/22-4	MO-THO	matrix spike	5/31/2022	Organic	Benz(a)anthracene	n/a	=	20.3	µg/L	EPA 625.1	0.19	1			
2021/22-4	MO-THO	matrix spike, rec	5/31/2022	Organic	Benz(a)anthracene	n/a	=	107	%	EPA 625.1	-88	-88	33	143	
2021/22-4	MO-THO	matrix spike dup	5/31/2022	Organic	Benz(a)anthracene	n/a	=	21.4	µg/L	EPA 625.1	0.19	1			
2021/22-4	MO-THO	matrix spike dup, rec	5/31/2022	Organic	Benz(a)anthracene	n/a	=	113	%	EPA 625.1	-88	-88	33	143	
2021/22-4	MO-THO	matrix spike, RPD	5/31/2022	Organic	Benz(a)anthracene	n/a	=	6	%	EPA 625.1	-88	-88	0	30	
2021/22-4	MO-THO	matrix spike	6/25/2022	Organic	Benz(a)anthracene	n/a	=	16.9	µg/L	EPA 8270C	0.051	0.1			
2021/22-4	MO-THO	matrix spike, rec	6/25/2022	Organic	Benz(a)anthracene	n/a	=	89	%	EPA 8270C	-88	-88	1	140	
2021/22-4	MO-THO	matrix spike dup	6/25/2022	Organic	Benz(a)anthracene	n/a	=	17.6	µg/L	EPA 8270C	0.051	0.1			
2021/22-4	MO-THO	matrix spike dup, rec	6/25/2022	Organic	Benz(a)anthracene	n/a	=	93	%	EPA 8270C	-88	-88	1	140	
2021/22-4	MO-THO	matrix spike, RPD	6/25/2022	Organic	Benz(a)anthracene	n/a	=	4	%	EPA 8270C	-88	-88	0	30	
2021/22-4	Lab	method blank	5/11/2022	Organic	Benzidine	n/a	<	3.2	µg/L	EPA 625.1	3.2	10			
2021/22-4	Lab	method blank	5/31/2022	Organic	Benzidine	n/a	<	3.2	µg/L	EPA 625.1	3.2	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	
2021/22-4	Lab	method blank	6/6/2022	Organic	Benzo(a)pyrene	n/a	<	3.2	µg/L	EPA 625.1	3.2	10			
2021/22-4	Lab	method blank	6/11/2022	Organic	Benzo(a)pyrene	n/a	<	3.2	µg/L	EPA 625.1	3.2	10			
2021/22-4	000NONPJ	matrix spike	6/6/2022	Organic	Benzo(a)pyrene	n/a	=	18.3	µg/L	EPA 625.1	0.39	1			
2021/22-4	000NONPJ	matrix spike, rec	6/6/2022	Organic	Benzo(a)pyrene	n/a	=	91	%	EPA 625.1	-88	-88	17	163	
2021/22-4	000NONPJ	matrix spike dup	6/6/2022	Organic	Benzo(a)pyrene	n/a	=	18.3	µg/L	EPA 625.1	0.39	1			
2021/22-4	000NONPJ	matrix spike dup, rec	6/6/2022	Organic	Benzo(a)pyrene	n/a	=	91	%	EPA 625.1	-88	-88	17	163	
2021/22-4	000NONPJ	matrix spike, RPD	6/6/2022	Organic	Benzo(a)pyrene	n/a	=	0.3	%	EPA 625.1	-88	-88	0	30	
2021/22-4	Lab	method blank	5/10/2022	Organic	Benzo(a)pyrene	n/a	<	0.02	µg/L	EPA 525.2	0.02	0.1			
2021/22-4	Lab	LCS	5/10/2022	Organic	Benzo(a)pyrene	n/a	=	6.05	µg/L	EPA 525.2	0.02	0.1			
2021/22-4	Lab	LCS, rec	5/10/2022	Organic	Benzo(a)pyrene	n/a	=	121	%	EPA 525.2	-88	-88	60	130	
2021/22-4	Lab	LCS dup	5/10/2022	Organic	Benzo(a)pyrene	n/a	=	6.52	µg/L	EPA 525.2	0.02	0.1			
2021/22-4	Lab	LCS dup, rec	5/10/2022	Organic	Benzo(a)pyrene	n/a	=	130	%	EPA 525.2	-88	-88	60	130	
2021/22-4	Lab	LCS, RPD	5/10/2022	Organic	Benzo(a)pyrene	n/a	=	8	%	EPA 525.2	-88	-88	0	30	
2021/22-4	Lab	LCS	5/11/2022	Organic	Benzo(a)pyrene	n/a	=	18.9	µg/L	EPA 625.1	0.39	1			
2021/22-4	Lab	LCS, rec	5/11/2022	Organic	Benzo(a)pyrene	n/a	=	94	%	EPA 625.1	-88	-88	32	148	
2021/22-4	Lab	method blank	5/11/2022	Organic	Benzo(a)pyrene	n/a	<	0.39	µg/L	EPA 625.1	0.39	1			
2021/22-4	Lab	method blank	5/13/2022	Organic	Benzo(a)pyrene	n/a	<	0.051	µg/L	EPA 8270C	0.051	0.1			
2021/22-4	Lab	LCS	5/13/2022	Organic	Benzo(a)pyrene	n/a	=	12.5	µg/L	EPA 8270C	0.051	0.1			
2021/22-4	Lab	LCS, rec	5/13/2022	Organic	Benzo(a)pyrene	n/a	=	62	%	EPA 8270C	-88	-88	12	131	
2021/22-4	Lab	method blank	5/31/2022	Organic	Benzo(a)pyrene	n/a	<	0.02	µg/L	EPA 525.2	0.02	0.1			
2021/22-4	Lab	LCS	5/31/2022	Organic	Benzo(a)pyrene	n/a	=	4.49	µg/L	EPA 525.2	0.02	0.1			
2021/22-4	Lab	LCS, rec	5/31/2022	Organic	Benzo(a)pyrene	n/a	=	90	%	EPA 525.2	-88	-88	60	130	
2021/22-4	Lab	LCS dup	5/31/2022	Organic	Benzo(a)pyrene	n/a	=	3.6	µg/L	EPA 525.2	0.02	0.1			
2021/22-4	Lab	LCS dup, rec	5/31/2022	Organic	Benzo(a)pyrene	n/a	=	72	%	EPA 525.2	-88	-88	60	130	
2021/22-4	Lab	LCS, RPD	5/31/2022	Organic	Benzo(a)pyrene	n/a	=	22	%	EPA 525.2	-88	-88	0	30	
2021/22-4	Lab	LCS	5/31/2022	Organic	Benzo(a)pyrene	n/a	=	23.4	µg/L	EPA 625.1	0.39	1			
2021/22-4	Lab	LCS, rec	5/31/2022	Organic	Benzo(a)pyrene	n/a	=	117	%	EPA 625.1	-88	-88	32	148	
2021/22-4	Lab	method blank	5/31/2022	Organic	Benzo(a)pyrene	n/a	<	0.39	µg/L	EPA 625.1	0.39	1			
2021/22-4	Lab	method blank	6/2/2022	Organic	Benzo(a)pyrene	n/a	<	0.02	µg/L	EPA 525.2	0.02	0.1			
2021/22-4	Lab	LCS	6/2/2022	Organic	Benzo(a)pyrene	n/a	=	4.35	µg/L	EPA 525.2	0.02	0.1			
2021/22-4	Lab	LCS, rec	6/2/2022	Organic	Benzo(a)pyrene	n/a	=	87	%	EPA 525.2	-88	-88	60	130	
2021/22-4	Lab	LCS dup	6/2/2022	Organic	Benzo(a)pyrene	n/a	=	3.87	µg/L	EPA 525.2	0.02	0.1			
2021/22-4	Lab	LCS dup, rec	6/2/2022	Organic	Benzo(a)pyrene	n/a	=	77	%	EPA 525.2	-88	-88	60	130	
2021/22-4	Lab	LCS, RPD	6/2/2022	Organic	Benzo(a)pyrene	n/a	=	12	%	EPA 525.2	-88	-88	0	30	
2021/22-4	Lab	LCS	6/6/2022	Organic	Benzo(a)pyrene	n/a	=	17.9	µg/L	EPA 625.1	0.39	1			
2021/22-4	Lab	LCS, rec	6/6/2022	Organic	Benzo(a)pyrene	n/a	=	90	%	EPA 625.1	-88	-88	32	148	
2021/22-4	Lab	method blank	6/6/2022	Organic	Benzo(a)pyrene	n/a	<	0.39	µg/L	EPA 625.1	0.39	1			
2021/22-4	Lab	LCS	6/11/2022	Organic	Benzo(a)pyrene	n/a	=	95	µg/L	EPA 625.1	0.39	1			
2021/22-4	Lab	LCS, rec	6/11/2022	Organic	Benzo(a)pyrene	n/a	=	95	%	EPA 625.1	-88	-88	32	148	
2021/22-4	Lab	LCS dup	6/11/2022	Organic	Benzo(a)pyrene	n/a	=	19.3	µg/L	EPA 625.1	0.39	1			
2021/22-4	Lab	LCS dup, rec	6/11/2022	Organic	Benzo(a)pyrene	n/a	=	96	%	EPA 625.1	-88	-88	32	148	
2021/22-4	Lab	LCS, RPD	6/11/2022	Organic	Benzo(a)pyrene	n/a	=	1	%	EPA 625.1	-88	-88	0	30	
2021/22-4	Lab	method blank	6/11/2022	Organic	Benzo(a)pyrene	n/a	<	0.39	µg/L	EPA 625.1	0.39	1			
2021/22-4	Lab	method blank	6/25/2022	Organic	Benzo(a)pyrene	n/a	<	0.051	µg/L	EPA 8270C	0.051	0.1			
2021/22-4	Lab	LCS	6/25/2022	Organic	Benzo(a)pyrene	n/a	=	14.6	µg/L	EPA 8270C	0.051	0.1			
2021/22-4	Lab	LCS, rec	6/25/2022	Organic	Benzo(a)pyrene	n/a	=	73	%	EPA 8270C	-88	-88	12	131	
2021/22-4	ME-VR2	matrix spike	5/11/2022	Organic	Benzo(a)pyrene	n/a	=	21.1	µg/L	EPA 625.1	0.39	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	
2021/22-4	ME-VR2	matrix spike, rec	5/11/2022	Organic	Benzo(a)pyrene	n/a	=	105	%	EPA 625.1	-88	-88	17	163	
2021/22-4	ME-VR2	matrix spike dup	5/11/2022	Organic	Benzo(a)pyrene	n/a	=	19.5	µg/L	EPA 625.1	0.39	1			
2021/22-4	ME-VR2	matrix spike dup, rec	5/11/2022	Organic	Benzo(a)pyrene	n/a	=	96	%	EPA 625.1	-88	-88	17	163	
2021/22-4	ME-VR2	matrix spike, RPD	5/11/2022	Organic	Benzo(a)pyrene	n/a	=	8	%	EPA 625.1	-88	-88	0	30	
2021/22-4	ME-VR2	matrix spike	5/13/2022	Organic	Benzo(a)pyrene	n/a	=	12.4	µg/L	EPA 8270C	0.051	0.1			
2021/22-4	ME-VR2	matrix spike, rec	5/13/2022	Organic	Benzo(a)pyrene	n/a	=	62	%	EPA 8270C	-88	-88	20	109	
2021/22-4	ME-VR2	matrix spike dup	5/14/2022	Organic	Benzo(a)pyrene	n/a	=	12	µg/L	EPA 8270C	0.051	0.1			
2021/22-4	ME-VR2	matrix spike dup, rec	5/14/2022	Organic	Benzo(a)pyrene	n/a	=	59	%	EPA 8270C	-88	-88	20	109	
2021/22-4	ME-VR2	matrix spike, RPD	5/14/2022	Organic	Benzo(a)pyrene	n/a	=	3	%	EPA 8270C	-88	-88	0	30	
2021/22-4	MO-THO	matrix spike	5/31/2022	Organic	Benzo(a)pyrene	n/a	=	21.4	µg/L	EPA 625.1	0.39	1			
2021/22-4	MO-THO	matrix spike, rec	5/31/2022	Organic	Benzo(a)pyrene	n/a	=	113	%	EPA 625.1	-88	-88	17	163	
2021/22-4	MO-THO	matrix spike dup	5/31/2022	Organic	Benzo(a)pyrene	n/a	=	22.1	µg/L	EPA 625.1	0.39	1			
2021/22-4	MO-THO	matrix spike dup, rec	5/31/2022	Organic	Benzo(a)pyrene	n/a	=	117	%	EPA 625.1	-88	-88	17	163	
2021/22-4	MO-THO	matrix spike, RPD	5/31/2022	Organic	Benzo(a)pyrene	n/a	=	3	%	EPA 625.1	-88	-88	0	30	
2021/22-4	MO-THO	matrix spike	6/25/2022	Organic	Benzo(a)pyrene	n/a	=	13.6	µg/L	EPA 8270C	0.051	0.1			
2021/22-4	MO-THO	matrix spike, rec	6/25/2022	Organic	Benzo(a)pyrene	n/a	=	72	%	EPA 8270C	-88	-88	20	109	
2021/22-4	MO-THO	matrix spike dup	6/25/2022	Organic	Benzo(a)pyrene	n/a	=	13.9	µg/L	EPA 8270C	0.051	0.1			
2021/22-4	MO-THO	matrix spike dup, rec	6/25/2022	Organic	Benzo(a)pyrene	n/a	=	73	%	EPA 8270C	-88	-88	20	109	
2021/22-4	MO-THO	matrix spike, RPD	6/25/2022	Organic	Benzo(a)pyrene	n/a	=	2	%	EPA 8270C	-88	-88	0	30	
2021/22-4	000NONPJ	matrix spike	6/6/2022	Organic	Benzo(b)fluoranthene	n/a	=	18.6	µg/L	EPA 625.1	0.46	1			
2021/22-4	000NONPJ	matrix spike, rec	6/6/2022	Organic	Benzo(b)fluoranthene	n/a	=	93	%	EPA 625.1	-88	-88	24	159	
2021/22-4	000NONPJ	matrix spike dup	6/6/2022	Organic	Benzo(b)fluoranthene	n/a	=	18.2	µg/L	EPA 625.1	0.46	1			
2021/22-4	000NONPJ	matrix spike dup, rec	6/6/2022	Organic	Benzo(b)fluoranthene	n/a	=	90	%	EPA 625.1	-88	-88	24	159	
2021/22-4	000NONPJ	matrix spike, RPD	6/6/2022	Organic	Benzo(b)fluoranthene	n/a	=	3	%	EPA 625.1	-88	-88	0	30	
2021/22-4	Lab	LCS	5/11/2022	Organic	Benzo(b)fluoranthene	n/a	=	19.4	µg/L	EPA 625.1	0.46	1			
2021/22-4	Lab	LCS, rec	5/11/2022	Organic	Benzo(b)fluoranthene	n/a	=	97	%	EPA 625.1	-88	-88	42	140	
2021/22-4	Lab	method blank	5/11/2022	Organic	Benzo(b)fluoranthene	n/a	<	0.46	µg/L	EPA 625.1	0.46	1			
2021/22-4	Lab	method blank	5/13/2022	Organic	Benzo(b)fluoranthene	n/a	<	0.074	µg/L	EPA 8270C	0.074	0.1			
2021/22-4	Lab	LCS	5/13/2022	Organic	Benzo(b)fluoranthene	n/a	=	18.6	µg/L	EPA 8270C	0.074	0.1			
2021/22-4	Lab	LCS, rec	5/13/2022	Organic	Benzo(b)fluoranthene	n/a	=	93	%	EPA 8270C	-88	-88	19	129	
2021/22-4	Lab	LCS	5/31/2022	Organic	Benzo(b)fluoranthene	n/a	=	23.1	µg/L	EPA 625.1	0.46	1			
2021/22-4	Lab	LCS, rec	5/31/2022	Organic	Benzo(b)fluoranthene	n/a	=	115	%	EPA 625.1	-88	-88	42	140	
2021/22-4	Lab	method blank	5/31/2022	Organic	Benzo(b)fluoranthene	n/a	<	0.46	µg/L	EPA 625.1	0.46	1			
2021/22-4	Lab	LCS	6/6/2022	Organic	Benzo(b)fluoranthene	n/a	=	18.3	µg/L	EPA 625.1	0.46	1			
2021/22-4	Lab	LCS, rec	6/6/2022	Organic	Benzo(b)fluoranthene	n/a	=	92	%	EPA 625.1	-88	-88	42	140	
2021/22-4	Lab	method blank	6/6/2022	Organic	Benzo(b)fluoranthene	n/a	<	0.46	µg/L	EPA 625.1	0.46	1			
2021/22-4	Lab	LCS	6/11/2022	Organic	Benzo(b)fluoranthene	n/a	=	18.8	µg/L	EPA 625.1	0.46	1			
2021/22-4	Lab	LCS, rec	6/11/2022	Organic	Benzo(b)fluoranthene	n/a	=	94	%	EPA 625.1	-88	-88	42	140	
2021/22-4	Lab	LCS dup	6/11/2022	Organic	Benzo(b)fluoranthene	n/a	=	17.5	µg/L	EPA 625.1	0.46	1			
2021/22-4	Lab	LCS dup, rec	6/11/2022	Organic	Benzo(b)fluoranthene	n/a	=	87	%	EPA 625.1	-88	-88	42	140	
2021/22-4	Lab	LCS, RPD	6/11/2022	Organic	Benzo(b)fluoranthene	n/a	=	7	%	EPA 625.1	-88	-88	0	30	
2021/22-4	Lab	method blank	6/11/2022	Organic	Benzo(b)fluoranthene	n/a	<	0.46	µg/L	EPA 625.1	0.46	1			
2021/22-4	Lab	method blank	6/25/2022	Organic	Benzo(b)fluoranthene	n/a	<	0.074	µg/L	EPA 8270C	0.074	0.1			
2021/22-4	Lab	LCS	6/25/2022	Organic	Benzo(b)fluoranthene	n/a	=	15.2	µg/L	EPA 8270C	0.074	0.1			
2021/22-4	Lab	LCS, rec	6/25/2022	Organic	Benzo(b)fluoranthene	n/a	=	76	%	EPA 8270C	-88	-88	19	129	
2021/22-4	ME-VR2	matrix spike	5/11/2022	Organic	Benzo(b)fluoranthene	n/a	=	20.1	µg/L	EPA 625.1	0.46	1			
2021/22-4	ME-VR2	matrix spike, rec	5/11/2022	Organic	Benzo(b)fluoranthene	n/a	=	100	%	EPA 625.1	-88	-88	24	159	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2021/22-4	ME-VR2	matrix spike dup	5/11/2022	Organic	Benzo(b)fluoranthene	n/a	=	19.6	µg/L	EPA 625.1	0.46	1			
2021/22-4	ME-VR2	matrix spike dup, rec	5/11/2022	Organic	Benzo(b)fluoranthene	n/a	=	96	%	EPA 625.1	-88	-88	24	159	
2021/22-4	ME-VR2	matrix spike, RPD	5/11/2022	Organic	Benzo(b)fluoranthene	n/a	=	3	%	EPA 625.1	-88	-88	0	30	
2021/22-4	ME-VR2	matrix spike	5/13/2022	Organic	Benzo(b)fluoranthene	n/a	=	18.3	µg/L	EPA 8270C	0.074	0.1			
2021/22-4	ME-VR2	matrix spike, rec	5/13/2022	Organic	Benzo(b)fluoranthene	n/a	=	91	%	EPA 8270C	-88	-88	19	119	
2021/22-4	ME-VR2	matrix spike dup	5/14/2022	Organic	Benzo(b)fluoranthene	n/a	=	17.3	µg/L	EPA 8270C	0.074	0.1			
2021/22-4	ME-VR2	matrix spike dup, rec	5/14/2022	Organic	Benzo(b)fluoranthene	n/a	=	85	%	EPA 8270C	-88	-88	19	119	
2021/22-4	ME-VR2	matrix spike, RPD	5/14/2022	Organic	Benzo(b)fluoranthene	n/a	=	6	%	EPA 8270C	-88	-88	0	30	
2021/22-4	MO-THO	matrix spike	5/31/2022	Organic	Benzo(b)fluoranthene	n/a	=	22.5	µg/L	EPA 625.1	0.46	1			
2021/22-4	MO-THO	matrix spike, rec	5/31/2022	Organic	Benzo(b)fluoranthene	n/a	=	119	%	EPA 625.1	-88	-88	24	159	
2021/22-4	MO-THO	matrix spike dup	5/31/2022	Organic	Benzo(b)fluoranthene	n/a	=	21.6	µg/L	EPA 625.1	0.46	1			
2021/22-4	MO-THO	matrix spike dup, rec	5/31/2022	Organic	Benzo(b)fluoranthene	n/a	=	114	%	EPA 625.1	-88	-88	24	159	
2021/22-4	MO-THO	matrix spike, RPD	5/31/2022	Organic	Benzo(b)fluoranthene	n/a	=	4	%	EPA 625.1	-88	-88	0	30	
2021/22-4	MO-THO	matrix spike	6/25/2022	Organic	Benzo(b)fluoranthene	n/a	=	14.3	µg/L	EPA 8270C	0.074	0.1			
2021/22-4	MO-THO	matrix spike, rec	6/25/2022	Organic	Benzo(b)fluoranthene	n/a	=	75	%	EPA 8270C	-88	-88	19	119	
2021/22-4	MO-THO	matrix spike dup	6/25/2022	Organic	Benzo(b)fluoranthene	n/a	=	14.4	µg/L	EPA 8270C	0.074	0.1			
2021/22-4	MO-THO	matrix spike dup, rec	6/25/2022	Organic	Benzo(b)fluoranthene	n/a	=	76	%	EPA 8270C	-88	-88	19	119	
2021/22-4	MO-THO	matrix spike, RPD	6/25/2022	Organic	Benzo(b)fluoranthene	n/a	=	0.9	%	EPA 8270C	-88	-88	0	30	
2021/22-4	000NONPJ	matrix spike	6/6/2022	Organic	Benzo(g,h,i)perylene	n/a	=	19.8	µg/L	EPA 625.1	0.42	2			
2021/22-4	000NONPJ	matrix spike, rec	6/6/2022	Organic	Benzo(g,h,i)perylene	n/a	=	98	%	EPA 625.1	-88	-88	0.1	219	
2021/22-4	000NONPJ	matrix spike dup	6/6/2022	Organic	Benzo(g,h,i)perylene	n/a	=	21.2	µg/L	EPA 625.1	0.42	2			
2021/22-4	000NONPJ	matrix spike dup, rec	6/6/2022	Organic	Benzo(g,h,i)perylene	n/a	=	105	%	EPA 625.1	-88	-88	0.1	219	
2021/22-4	000NONPJ	matrix spike, RPD	6/6/2022	Organic	Benzo(g,h,i)perylene	n/a	=	7	%	EPA 625.1	-88	-88	0	30	
2021/22-4	Lab	LCS	5/11/2022	Organic	Benzo(g,h,i)perylene	n/a	=	21.6	µg/L	EPA 625.1	0.42	2			
2021/22-4	Lab	LCS, rec	5/11/2022	Organic	Benzo(g,h,i)perylene	n/a	=	108	%	EPA 625.1	-88	-88	0.1	195	
2021/22-4	Lab	method blank	5/11/2022	Organic	Benzo(g,h,i)perylene	n/a	<	0.42	µg/L	EPA 625.1	0.42	2			
2021/22-4	Lab	method blank	5/13/2022	Organic	Benzo(g,h,i)perylene	n/a	<	0.05	µg/L	EPA 8270C	0.05	0.1			
2021/22-4	Lab	LCS	5/13/2022	Organic	Benzo(g,h,i)perylene	n/a	=	18.8	µg/L	EPA 8270C	0.05	0.1			
2021/22-4	Lab	LCS, rec	5/13/2022	Organic	Benzo(g,h,i)perylene	n/a	=	94	%	EPA 8270C	-88	-88	14	139	
2021/22-4	Lab	LCS	5/31/2022	Organic	Benzo(g,h,i)perylene	n/a	=	21.9	µg/L	EPA 625.1	0.42	2			
2021/22-4	Lab	LCS, rec	5/31/2022	Organic	Benzo(g,h,i)perylene	n/a	=	110	%	EPA 625.1	-88	-88	0.1	195	
2021/22-4	Lab	method blank	5/31/2022	Organic	Benzo(g,h,i)perylene	n/a	<	0.42	µg/L	EPA 625.1	0.42	2			
2021/22-4	Lab	LCS	6/6/2022	Organic	Benzo(g,h,i)perylene	n/a	=	18.9	µg/L	EPA 625.1	0.42	2			
2021/22-4	Lab	LCS, rec	6/6/2022	Organic	Benzo(g,h,i)perylene	n/a	=	95	%	EPA 625.1	-88	-88	0.1	195	
2021/22-4	Lab	method blank	6/6/2022	Organic	Benzo(g,h,i)perylene	n/a	<	0.42	µg/L	EPA 625.1	0.42	2			
2021/22-4	Lab	LCS	6/11/2022	Organic	Benzo(g,h,i)perylene	n/a	=	14.7	µg/L	EPA 625.1	0.42	2			
2021/22-4	Lab	LCS, rec	6/11/2022	Organic	Benzo(g,h,i)perylene	n/a	=	73	%	EPA 625.1	-88	-88	0.1	195	
2021/22-4	Lab	LCS dup	6/11/2022	Organic	Benzo(g,h,i)perylene	n/a	=	14.8	µg/L	EPA 625.1	0.42	2			
2021/22-4	Lab	LCS dup, rec	6/11/2022	Organic	Benzo(g,h,i)perylene	n/a	=	74	%	EPA 625.1	-88	-88	0.1	195	
2021/22-4	Lab	LCS, RPD	6/11/2022	Organic	Benzo(g,h,i)perylene	n/a	=	0.9	%	EPA 625.1	-88	-88	0	30	
2021/22-4	Lab	method blank	6/11/2022	Organic	Benzo(g,h,i)perylene	n/a	<	0.42	µg/L	EPA 625.1	0.42	2			
2021/22-4	Lab	method blank	6/25/2022	Organic	Benzo(g,h,i)perylene	n/a	<	0.05	µg/L	EPA 8270C	0.05	0.1			
2021/22-4	Lab	LCS	6/25/2022	Organic	Benzo(g,h,i)perylene	n/a	=	15	µg/L	EPA 8270C	0.05	0.1			
2021/22-4	Lab	LCS, rec	6/25/2022	Organic	Benzo(g,h,i)perylene	n/a	=	75	%	EPA 8270C	-88	-88	14	139	
2021/22-4	ME-VR2	matrix spike	5/11/2022	Organic	Benzo(g,h,i)perylene	n/a	=	21.4	µg/L	EPA 625.1	0.42	2			
2021/22-4	ME-VR2	matrix spike, rec	5/11/2022	Organic	Benzo(g,h,i)perylene	n/a	=	107	%	EPA 625.1	-88	-88	0.1	219	
2021/22-4	ME-VR2	matrix spike dup	5/11/2022	Organic	Benzo(g,h,i)perylene	n/a	=	20.4	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	
2021/22-4	ME-VR2	matrix spike dup, rec	5/11/2022	Organic	Benzo(g,h,i)perylene	n/a	=	101	%	EPA 625.1	-88	-88	0.1	219	
2021/22-4	ME-VR2	matrix spike, RPD	5/11/2022	Organic	Benzo(g,h,i)perylene	n/a	=	5	%	EPA 625.1	-88	-88	0	30	
2021/22-4	ME-VR2	matrix spike	5/13/2022	Organic	Benzo(g,h,i)perylene	n/a	=	18.1	µg/L	EPA 8270C	0.05	0.1			
2021/22-4	ME-VR2	matrix spike, rec	5/13/2022	Organic	Benzo(g,h,i)perylene	n/a	=	90	%	EPA 8270C	-88	-88	24	117	
2021/22-4	ME-VR2	matrix spike dup	5/14/2022	Organic	Benzo(g,h,i)perylene	n/a	=	17.4	µg/L	EPA 8270C	0.05	0.1			
2021/22-4	ME-VR2	matrix spike dup, rec	5/14/2022	Organic	Benzo(g,h,i)perylene	n/a	=	85	%	EPA 8270C	-88	-88	24	117	
2021/22-4	ME-VR2	matrix spike, RPD	5/14/2022	Organic	Benzo(g,h,i)perylene	n/a	=	4	%	EPA 8270C	-88	-88	0	30	
2021/22-4	MO-THO	matrix spike	5/31/2022	Organic	Benzo(g,h,i)perylene	n/a	=	22.4	µg/L	EPA 625.1	0.42	2			
2021/22-4	MO-THO	matrix spike, rec	5/31/2022	Organic	Benzo(g,h,i)perylene	n/a	=	118	%	EPA 625.1	-88	-88	0.1	219	
2021/22-4	MO-THO	matrix spike dup	5/31/2022	Organic	Benzo(g,h,i)perylene	n/a	=	22.9	µg/L	EPA 625.1	0.42	2			
2021/22-4	MO-THO	matrix spike dup, rec	5/31/2022	Organic	Benzo(g,h,i)perylene	n/a	=	121	%	EPA 625.1	-88	-88	0.1	219	
2021/22-4	MO-THO	matrix spike, RPD	5/31/2022	Organic	Benzo(g,h,i)perylene	n/a	=	2	%	EPA 625.1	-88	-88	0	30	
2021/22-4	MO-THO	matrix spike	6/25/2022	Organic	Benzo(g,h,i)perylene	n/a	=	14.3	µg/L	EPA 8270C	0.05	0.1			
2021/22-4	MO-THO	matrix spike, rec	6/25/2022	Organic	Benzo(g,h,i)perylene	n/a	=	75	%	EPA 8270C	-88	-88	24	117	
2021/22-4	MO-THO	matrix spike dup	6/25/2022	Organic	Benzo(g,h,i)perylene	n/a	=	14.2	µg/L	EPA 8270C	0.05	0.1			
2021/22-4	MO-THO	matrix spike dup, rec	6/25/2022	Organic	Benzo(g,h,i)perylene	n/a	=	75	%	EPA 8270C	-88	-88	24	117	
2021/22-4	MO-THO	matrix spike, RPD	6/25/2022	Organic	Benzo(g,h,i)perylene	n/a	=	0.3	%	EPA 8270C	-88	-88	0	30	
2021/22-4	000NONPJ	matrix spike	6/6/2022	Organic	Benzo(k)fluoranthene	n/a	=	19.2	µg/L	EPA 625.1	0.22	1			
2021/22-4	000NONPJ	matrix spike, rec	6/6/2022	Organic	Benzo(k)fluoranthene	n/a	=	95	%	EPA 625.1	-88	-88	11	162	
2021/22-4	000NONPJ	matrix spike dup	6/6/2022	Organic	Benzo(k)fluoranthene	n/a	=	19.4	µg/L	EPA 625.1	0.22	1			
2021/22-4	000NONPJ	matrix spike dup, rec	6/6/2022	Organic	Benzo(k)fluoranthene	n/a	=	97	%	EPA 625.1	-88	-88	11	162	
2021/22-4	000NONPJ	matrix spike, RPD	6/6/2022	Organic	Benzo(k)fluoranthene	n/a	=	1	%	EPA 625.1	-88	-88	0	30	
2021/22-4	Lab	LCS	5/11/2022	Organic	Benzo(k)fluoranthene	n/a	=	18.1	µg/L	EPA 625.1	0.22	1			
2021/22-4	Lab	LCS, rec	5/11/2022	Organic	Benzo(k)fluoranthene	n/a	=	91	%	EPA 625.1	-88	-88	25	146	
2021/22-4	Lab	method blank	5/11/2022	Organic	Benzo(k)fluoranthene	n/a	<	0.22	µg/L	EPA 625.1	0.22	1			
2021/22-4	Lab	method blank	5/13/2022	Organic	Benzo(k)fluoranthene	n/a	<	0.026	µg/L	EPA 8270C	0.026	0.1			
2021/22-4	Lab	LCS	5/13/2022	Organic	Benzo(k)fluoranthene	n/a	=	18.8	µg/L	EPA 8270C	0.026	0.1			
2021/22-4	Lab	LCS, rec	5/13/2022	Organic	Benzo(k)fluoranthene	n/a	=	94	%	EPA 8270C	-88	-88	22	127	
2021/22-4	Lab	LCS	5/31/2022	Organic	Benzo(k)fluoranthene	n/a	=	21.6	µg/L	EPA 625.1	0.22	1			
2021/22-4	Lab	LCS, rec	5/31/2022	Organic	Benzo(k)fluoranthene	n/a	=	108	%	EPA 625.1	-88	-88	25	146	
2021/22-4	Lab	method blank	5/31/2022	Organic	Benzo(k)fluoranthene	n/a	<	0.22	µg/L	EPA 625.1	0.22	1			
2021/22-4	Lab	LCS	6/6/2022	Organic	Benzo(k)fluoranthene	n/a	=	18.9	µg/L	EPA 625.1	0.22	1			
2021/22-4	Lab	LCS, rec	6/6/2022	Organic	Benzo(k)fluoranthene	n/a	=	95	%	EPA 625.1	-88	-88	25	146	
2021/22-4	Lab	method blank	6/6/2022	Organic	Benzo(k)fluoranthene	n/a	<	0.22	µg/L	EPA 625.1	0.22	1			
2021/22-4	Lab	LCS	6/11/2022	Organic	Benzo(k)fluoranthene	n/a	=	17.9	µg/L	EPA 625.1	0.22	1			
2021/22-4	Lab	LCS, rec	6/11/2022	Organic	Benzo(k)fluoranthene	n/a	=	89	%	EPA 625.1	-88	-88	25	146	
2021/22-4	Lab	LCS dup	6/11/2022	Organic	Benzo(k)fluoranthene	n/a	=	20.2	µg/L	EPA 625.1	0.22	1			
2021/22-4	Lab	LCS dup, rec	6/11/2022	Organic	Benzo(k)fluoranthene	n/a	=	101	%	EPA 625.1	-88	-88	25	146	
2021/22-4	Lab	LCS, RPD	6/11/2022	Organic	Benzo(k)fluoranthene	n/a	=	12	%	EPA 625.1	-88	-88	0	30	
2021/22-4	Lab	method blank	6/11/2022	Organic	Benzo(k)fluoranthene	n/a	<	0.22	µg/L	EPA 625.1	0.22	1			
2021/22-4	Lab	method blank	6/25/2022	Organic	Benzo(k)fluoranthene	n/a	<	0.026	µg/L	EPA 8270C	0.026	0.1			
2021/22-4	Lab	LCS	6/25/2022	Organic	Benzo(k)fluoranthene	n/a	=	18	µg/L	EPA 8270C	0.026	0.1			
2021/22-4	Lab	LCS, rec	6/25/2022	Organic	Benzo(k)fluoranthene	n/a	=	90	%	EPA 8270C	-88	-88	22	127	
2021/22-4	ME-VR2	matrix spike	5/11/2022	Organic	Benzo(k)fluoranthene	n/a	=	20.6	µg/L	EPA 625.1	0.22	1			
2021/22-4	ME-VR2	matrix spike, rec	5/11/2022	Organic	Benzo(k)fluoranthene	n/a	=	103	%	EPA 625.1	-88	-88	11	162	
2021/22-4	ME-VR2	matrix spike dup	5/11/2022	Organic	Benzo(k)fluoranthene	n/a	=	18.8	µg/L	EPA 625.1	0.22	1			
2021/22-4	ME-VR2	matrix spike dup, rec	5/11/2022	Organic	Benzo(k)fluoranthene	n/a	=	93	%	EPA 625.1	-88	-88	11	162	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2021/22-4	ME-VR2	matrix spike, RPD	5/11/2022	Organic	Benzo(k)fluoranthene	n/a	=	9	%	EPA 625.1	-88	-88	0	30	
2021/22-4	ME-VR2	matrix spike	5/13/2022	Organic	Benzo(k)fluoranthene	n/a	=	18.7	µg/L	EPA 8270C	0.026	0.1			
2021/22-4	ME-VR2	matrix spike, rec	5/13/2022	Organic	Benzo(k)fluoranthene	n/a	=	93	%	EPA 8270C	-88	-88	17	123	
2021/22-4	ME-VR2	matrix spike dup	5/14/2022	Organic	Benzo(k)fluoranthene	n/a	=	17.8	µg/L	EPA 8270C	0.026	0.1			
2021/22-4	ME-VR2	matrix spike dup, rec	5/14/2022	Organic	Benzo(k)fluoranthene	n/a	=	87	%	EPA 8270C	-88	-88	17	123	
2021/22-4	ME-VR2	matrix spike, RPD	5/14/2022	Organic	Benzo(k)fluoranthene	n/a	=	5	%	EPA 8270C	-88	-88	0	30	
2021/22-4	MO-THO	matrix spike	5/31/2022	Organic	Benzo(k)fluoranthene	n/a	=	20.4	µg/L	EPA 625.1	0.22	1			
2021/22-4	MO-THO	matrix spike, rec	5/31/2022	Organic	Benzo(k)fluoranthene	n/a	=	108	%	EPA 625.1	-88	-88	11	162	
2021/22-4	MO-THO	matrix spike dup	5/31/2022	Organic	Benzo(k)fluoranthene	n/a	=	23.1	µg/L	EPA 625.1	0.22	1			
2021/22-4	MO-THO	matrix spike dup, rec	5/31/2022	Organic	Benzo(k)fluoranthene	n/a	=	122	%	EPA 625.1	-88	-88	11	162	
2021/22-4	MO-THO	matrix spike, RPD	5/31/2022	Organic	Benzo(k)fluoranthene	n/a	=	12	%	EPA 625.1	-88	-88	0	30	
2021/22-4	MO-THO	matrix spike	6/25/2022	Organic	Benzo(k)fluoranthene	n/a	=	16.6	µg/L	EPA 8270C	0.026	0.1			
2021/22-4	MO-THO	matrix spike, rec	6/25/2022	Organic	Benzo(k)fluoranthene	n/a	=	88	%	EPA 8270C	-88	-88	17	123	
2021/22-4	MO-THO	matrix spike dup	6/25/2022	Organic	Benzo(k)fluoranthene	n/a	=	17	µg/L	EPA 8270C	0.026	0.1			
2021/22-4	MO-THO	matrix spike dup, rec	6/25/2022	Organic	Benzo(k)fluoranthene	n/a	=	90	%	EPA 8270C	-88	-88	17	123	
2021/22-4	MO-THO	matrix spike, RPD	6/25/2022	Organic	Benzo(k)fluoranthene	n/a	=	2	%	EPA 8270C	-88	-88	0	30	
2021/22-4	000NONPJ	matrix spike	6/6/2022	Organic	Bis(2-chloroethoxy)methane	n/a	=	15.9	µg/L	EPA 625.1	0.25	1			
2021/22-4	000NONPJ	matrix spike, rec	6/6/2022	Organic	Bis(2-chloroethoxy)methane	n/a	=	79	%	EPA 625.1	-88	-88	33	184	
2021/22-4	000NONPJ	matrix spike dup	6/6/2022	Organic	Bis(2-chloroethoxy)methane	n/a	=	15.5	µg/L	EPA 625.1	0.25	1			
2021/22-4	000NONPJ	matrix spike dup, rec	6/6/2022	Organic	Bis(2-chloroethoxy)methane	n/a	=	77	%	EPA 625.1	-88	-88	33	184	
2021/22-4	000NONPJ	matrix spike, RPD	6/6/2022	Organic	Bis(2-chloroethoxy)methane	n/a	=	2	%	EPA 625.1	-88	-88	0	30	
2021/22-4	Lab	LCS	5/11/2022	Organic	Bis(2-chloroethoxy)methane	n/a	=	17.7	µg/L	EPA 625.1	0.25	1			
2021/22-4	Lab	LCS, rec	5/11/2022	Organic	Bis(2-chloroethoxy)methane	n/a	=	88	%	EPA 625.1	-88	-88	49	165	
2021/22-4	Lab	method blank	5/11/2022	Organic	Bis(2-chloroethoxy)methane	n/a	<	0.25	µg/L	EPA 625.1	0.25	1			
2021/22-4	Lab	LCS	5/31/2022	Organic	Bis(2-chloroethoxy)methane	n/a	=	14.5	µg/L	EPA 625.1	0.25	1			
2021/22-4	Lab	LCS, rec	5/31/2022	Organic	Bis(2-chloroethoxy)methane	n/a	=	72	%	EPA 625.1	-88	-88	49	165	
2021/22-4	Lab	method blank	5/31/2022	Organic	Bis(2-chloroethoxy)methane	n/a	<	0.25	µg/L	EPA 625.1	0.25	1			
2021/22-4	Lab	LCS	6/6/2022	Organic	Bis(2-chloroethoxy)methane	n/a	=	16	µg/L	EPA 625.1	0.25	1			
2021/22-4	Lab	LCS, rec	6/6/2022	Organic	Bis(2-chloroethoxy)methane	n/a	=	80	%	EPA 625.1	-88	-88	49	165	
2021/22-4	Lab	method blank	6/6/2022	Organic	Bis(2-chloroethoxy)methane	n/a	<	0.25	µg/L	EPA 625.1	0.25	1			
2021/22-4	Lab	LCS	6/11/2022	Organic	Bis(2-chloroethoxy)methane	n/a	=	15.5	µg/L	EPA 625.1	0.25	1			
2021/22-4	Lab	LCS, rec	6/11/2022	Organic	Bis(2-chloroethoxy)methane	n/a	=	77	%	EPA 625.1	-88	-88	49	165	
2021/22-4	Lab	LCS dup	6/11/2022	Organic	Bis(2-chloroethoxy)methane	n/a	=	16.2	µg/L	EPA 625.1	0.25	1			
2021/22-4	Lab	LCS dup, rec	6/11/2022	Organic	Bis(2-chloroethoxy)methane	n/a	=	81	%	EPA 625.1	-88	-88	49	165	
2021/22-4	Lab	LCS, RPD	6/11/2022	Organic	Bis(2-chloroethoxy)methane	n/a	=	5	%	EPA 625.1	-88	-88	0	30	
2021/22-4	Lab	method blank	6/11/2022	Organic	Bis(2-chloroethoxy)methane	n/a	<	0.25	µg/L	EPA 625.1	0.25	1			
2021/22-4	ME-VR2	matrix spike	5/11/2022	Organic	Bis(2-chloroethoxy)methane	n/a	=	17.5	µg/L	EPA 625.1	0.25	1			
2021/22-4	ME-VR2	matrix spike, rec	5/11/2022	Organic	Bis(2-chloroethoxy)methane	n/a	=	87	%	EPA 625.1	-88	-88	33	184	
2021/22-4	ME-VR2	matrix spike dup	5/11/2022	Organic	Bis(2-chloroethoxy)methane	n/a	=	17.3	µg/L	EPA 625.1	0.25	1			
2021/22-4	ME-VR2	matrix spike dup, rec	5/11/2022	Organic	Bis(2-chloroethoxy)methane	n/a	=	85	%	EPA 625.1	-88	-88	33	184	
2021/22-4	ME-VR2	matrix spike, RPD	5/11/2022	Organic	Bis(2-chloroethoxy)methane	n/a	=	2	%	EPA 625.1	-88	-88	0	30	
2021/22-4	MO-THO	matrix spike	5/31/2022	Organic	Bis(2-chloroethoxy)methane	n/a	=	15.4	µg/L	EPA 625.1	0.25	1			
2021/22-4	MO-THO	matrix spike, rec	5/31/2022	Organic	Bis(2-chloroethoxy)methane	n/a	=	81	%	EPA 625.1	-88	-88	33	184	
2021/22-4	MO-THO	matrix spike dup	5/31/2022	Organic	Bis(2-chloroethoxy)methane	n/a	=	15.7	µg/L	EPA 625.1	0.25	1			
2021/22-4	MO-THO	matrix spike dup, rec	5/31/2022	Organic	Bis(2-chloroethoxy)methane	n/a	=	83	%	EPA 625.1	-88	-88	33	184	
2021/22-4	MO-THO	matrix spike, RPD	5/31/2022	Organic	Bis(2-chloroethoxy)methane	n/a	=	2	%	EPA 625.1	-88	-88	0	30	
2021/22-4	000NONPJ	matrix spike	6/6/2022	Organic	Bis(2-chloroethyl)ether	n/a	=	13.4	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	
2021/22-4	000NONPJ	matrix spike, rec	6/6/2022	Organic	Bis(2-chloroethyl)ether	n/a	=	66	%	EPA 625.1	-88	-88	12	158	
2021/22-4	000NONPJ	matrix spike dup	6/6/2022	Organic	Bis(2-chloroethyl)ether	n/a	=	13.6	µg/L	EPA 625.1	0.27	1			
2021/22-4	000NONPJ	matrix spike dup, rec	6/6/2022	Organic	Bis(2-chloroethyl)ether	n/a	=	68	%	EPA 625.1	-88	-88	12	158	
2021/22-4	000NONPJ	matrix spike, RPD	6/6/2022	Organic	Bis(2-chloroethyl)ether	n/a	=	2	%	EPA 625.1	-88	-88	0	30	
2021/22-4	Lab	LCS	5/11/2022	Organic	Bis(2-chloroethyl)ether	n/a	=	16	µg/L	EPA 625.1	0.27	1			
2021/22-4	Lab	LCS, rec	5/11/2022	Organic	Bis(2-chloroethyl)ether	n/a	=	80	%	EPA 625.1	-88	-88	43	126	
2021/22-4	Lab	method blank	5/11/2022	Organic	Bis(2-chloroethyl)ether	n/a	<	0.27	µg/L	EPA 625.1	0.27	1			
2021/22-4	Lab	LCS	5/31/2022	Organic	Bis(2-chloroethyl)ether	n/a	=	12.6	µg/L	EPA 625.1	0.27	1			
2021/22-4	Lab	LCS, rec	5/31/2022	Organic	Bis(2-chloroethyl)ether	n/a	=	63	%	EPA 625.1	-88	-88	43	126	
2021/22-4	Lab	method blank	5/31/2022	Organic	Bis(2-chloroethyl)ether	n/a	<	0.27	µg/L	EPA 625.1	0.27	1			
2021/22-4	Lab	LCS	6/6/2022	Organic	Bis(2-chloroethyl)ether	n/a	=	14.1	µg/L	EPA 625.1	0.27	1			
2021/22-4	Lab	LCS, rec	6/6/2022	Organic	Bis(2-chloroethyl)ether	n/a	=	71	%	EPA 625.1	-88	-88	43	126	
2021/22-4	Lab	method blank	6/6/2022	Organic	Bis(2-chloroethyl)ether	n/a	<	0.27	µg/L	EPA 625.1	0.27	1			
2021/22-4	Lab	LCS	6/11/2022	Organic	Bis(2-chloroethyl)ether	n/a	=	14.1	µg/L	EPA 625.1	0.27	1			
2021/22-4	Lab	LCS, rec	6/11/2022	Organic	Bis(2-chloroethyl)ether	n/a	=	71	%	EPA 625.1	-88	-88	43	126	
2021/22-4	Lab	LCS dup	6/11/2022	Organic	Bis(2-chloroethyl)ether	n/a	=	14.6	µg/L	EPA 625.1	0.27	1			
2021/22-4	Lab	LCS dup, rec	6/11/2022	Organic	Bis(2-chloroethyl)ether	n/a	=	73	%	EPA 625.1	-88	-88	43	126	
2021/22-4	Lab	LCS, RPD	6/11/2022	Organic	Bis(2-chloroethyl)ether	n/a	=	3	%	EPA 625.1	-88	-88	0	30	
2021/22-4	Lab	method blank	6/11/2022	Organic	Bis(2-chloroethyl)ether	n/a	<	0.27	µg/L	EPA 625.1	0.27	1			
2021/22-4	ME-VR2	matrix spike	5/11/2022	Organic	Bis(2-chloroethyl)ether	n/a	=	15.6	µg/L	EPA 625.1	0.27	1			
2021/22-4	ME-VR2	matrix spike, rec	5/11/2022	Organic	Bis(2-chloroethyl)ether	n/a	=	78	%	EPA 625.1	-88	-88	12	158	
2021/22-4	ME-VR2	matrix spike dup	5/11/2022	Organic	Bis(2-chloroethyl)ether	n/a	=	15.6	µg/L	EPA 625.1	0.27	1			
2021/22-4	ME-VR2	matrix spike dup, rec	5/11/2022	Organic	Bis(2-chloroethyl)ether	n/a	=	77	%	EPA 625.1	-88	-88	12	158	
2021/22-4	ME-VR2	matrix spike, RPD	5/11/2022	Organic	Bis(2-chloroethyl)ether	n/a	=	0.1	%	EPA 625.1	-88	-88	0	30	
2021/22-4	MO-THO	matrix spike	5/31/2022	Organic	Bis(2-chloroethyl)ether	n/a	=	13.4	µg/L	EPA 625.1	0.27	1			
2021/22-4	MO-THO	matrix spike, rec	5/31/2022	Organic	Bis(2-chloroethyl)ether	n/a	=	71	%	EPA 625.1	-88	-88	12	158	
2021/22-4	MO-THO	matrix spike dup	5/31/2022	Organic	Bis(2-chloroethyl)ether	n/a	=	14.2	µg/L	EPA 625.1	0.27	1			
2021/22-4	MO-THO	matrix spike dup, rec	5/31/2022	Organic	Bis(2-chloroethyl)ether	n/a	=	75	%	EPA 625.1	-88	-88	12	158	
2021/22-4	MO-THO	matrix spike, RPD	5/31/2022	Organic	Bis(2-chloroethyl)ether	n/a	=	5	%	EPA 625.1	-88	-88	0	30	
2021/22-4	000NONPJ	matrix spike	6/6/2022	Organic	Bis(2-chloroisopropyl)ether	n/a	=	13.5	µg/L	EPA 625.1	0.38	1			
2021/22-4	000NONPJ	matrix spike, rec	6/6/2022	Organic	Bis(2-chloroisopropyl)ether	n/a	=	67	%	EPA 625.1	-88	-88	36	166	
2021/22-4	000NONPJ	matrix spike dup	6/6/2022	Organic	Bis(2-chloroisopropyl)ether	n/a	=	13.8	µg/L	EPA 625.1	0.38	1			
2021/22-4	000NONPJ	matrix spike dup, rec	6/6/2022	Organic	Bis(2-chloroisopropyl)ether	n/a	=	69	%	EPA 625.1	-88	-88	36	166	
2021/22-4	000NONPJ	matrix spike, RPD	6/6/2022	Organic	Bis(2-chloroisopropyl)ether	n/a	=	3	%	EPA 625.1	-88	-88	0	30	
2021/22-4	Lab	LCS	5/11/2022	Organic	Bis(2-chloroisopropyl)ether	n/a	=	17.2	µg/L	EPA 625.1	0.38	1			
2021/22-4	Lab	LCS, rec	5/11/2022	Organic	Bis(2-chloroisopropyl)ether	n/a	=	86	%	EPA 625.1	-88	-88	63	139	
2021/22-4	Lab	method blank	5/11/2022	Organic	Bis(2-chloroisopropyl)ether	n/a	<	0.38	µg/L	EPA 625.1	0.38	1			
2021/22-4	Lab	LCS	5/31/2022	Organic	Bis(2-chloroisopropyl)ether	n/a	=	13.2	µg/L	EPA 625.1	0.38	1			
2021/22-4	Lab	LCS, rec	5/31/2022	Organic	Bis(2-chloroisopropyl)ether	n/a	=	66	%	EPA 625.1	-88	-88	63	139	
2021/22-4	Lab	method blank	5/31/2022	Organic	Bis(2-chloroisopropyl)ether	n/a	<	0.38	µg/L	EPA 625.1	0.38	1			
2021/22-4	Lab	LCS	6/6/2022	Organic	Bis(2-chloroisopropyl)ether	n/a	=	14.2	µg/L	EPA 625.1	0.38	1			
2021/22-4	Lab	LCS, rec	6/6/2022	Organic	Bis(2-chloroisopropyl)ether	n/a	=	71	%	EPA 625.1	-88	-88	63	139	
2021/22-4	Lab	method blank	6/6/2022	Organic	Bis(2-chloroisopropyl)ether	n/a	<	0.38	µg/L	EPA 625.1	0.38	1			
2021/22-4	Lab	LCS	6/11/2022	Organic	Bis(2-chloroisopropyl)ether	n/a	=	15.9	µg/L	EPA 625.1	0.38	1			
2021/22-4	Lab	LCS, rec	6/11/2022	Organic	Bis(2-chloroisopropyl)ether	n/a	=	79	%	EPA 625.1	-88	-88	63	139	
2021/22-4	Lab	LCS dup	6/11/2022	Organic	Bis(2-chloroisopropyl)ether	n/a	=	16.7	µg/L	EPA 625.1	0.38	1			
2021/22-4	Lab	LCS dup, rec	6/11/2022	Organic	Bis(2-chloroisopropyl)ether	n/a	=	83	%	EPA 625.1	-88	-88	63	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	
2021/22-4	Lab	LCS, RPD	6/11/2022	Organic	Bis(2-chloroisopropyl)ether	n/a	=	5	%	EPA 625.1	-88	-88	0	30	
2021/22-4	Lab	method blank	6/11/2022	Organic	Bis(2-chloroisopropyl)ether	n/a	<	0.38	µg/L	EPA 625.1	0.38	1			
2021/22-4	ME-VR2	matrix spike	5/11/2022	Organic	Bis(2-chloroisopropyl)ether	n/a	=	16.8	µg/L	EPA 625.1	0.38	1			
2021/22-4	ME-VR2	matrix spike, rec	5/11/2022	Organic	Bis(2-chloroisopropyl)ether	n/a	=	84	%	EPA 625.1	-88	-88	36	166	
2021/22-4	ME-VR2	matrix spike dup	5/11/2022	Organic	Bis(2-chloroisopropyl)ether	n/a	=	16.3	µg/L	EPA 625.1	0.38	1			
2021/22-4	ME-VR2	matrix spike dup, rec	5/11/2022	Organic	Bis(2-chloroisopropyl)ether	n/a	=	80	%	EPA 625.1	-88	-88	36	166	
2021/22-4	ME-VR2	matrix spike, RPD	5/11/2022	Organic	Bis(2-chloroisopropyl)ether	n/a	=	3	%	EPA 625.1	-88	-88	0	30	
2021/22-4	MO-THO	matrix spike	5/31/2022	Organic	Bis(2-chloroisopropyl)ether	n/a	=	14.1	µg/L	EPA 625.1	0.38	1			
2021/22-4	MO-THO	matrix spike, rec	5/31/2022	Organic	Bis(2-chloroisopropyl)ether	n/a	=	74	%	EPA 625.1	-88	-88	36	166	
2021/22-4	MO-THO	matrix spike dup	5/31/2022	Organic	Bis(2-chloroisopropyl)ether	n/a	=	14.7	µg/L	EPA 625.1	0.38	1			
2021/22-4	MO-THO	matrix spike dup, rec	5/31/2022	Organic	Bis(2-chloroisopropyl)ether	n/a	=	78	%	EPA 625.1	-88	-88	36	166	
2021/22-4	MO-THO	matrix spike, RPD	5/31/2022	Organic	Bis(2-chloroisopropyl)ether	n/a	=	4	%	EPA 625.1	-88	-88	0	30	
2021/22-4	Lab	method blank	5/10/2022	Organic	Bis(2-ethylhexyl)adipate	n/a	<	0.42	µg/L	EPA 525.2	0.42	5			
2021/22-4	Lab	LCS	5/10/2022	Organic	Bis(2-ethylhexyl)adipate	n/a	=	6.12	µg/L	EPA 525.2	0.42	5			
2021/22-4	Lab	LCS, rec	5/10/2022	Organic	Bis(2-ethylhexyl)adipate	n/a	=	122	%	EPA 525.2	-88	-88	70	130	
2021/22-4	Lab	LCS dup	5/10/2022	Organic	Bis(2-ethylhexyl)adipate	n/a	=	6.15	µg/L	EPA 525.2	0.42	5			
2021/22-4	Lab	LCS dup, rec	5/10/2022	Organic	Bis(2-ethylhexyl)adipate	n/a	=	123	%	EPA 525.2	-88	-88	70	130	
2021/22-4	Lab	LCS, RPD	5/10/2022	Organic	Bis(2-ethylhexyl)adipate	n/a	=	0.6	%	EPA 525.2	-88	-88	0	30	
2021/22-4	Lab	method blank	5/31/2022	Organic	Bis(2-ethylhexyl)adipate	n/a	<	0.42	µg/L	EPA 525.2	0.42	5			
2021/22-4	Lab	LCS	5/31/2022	Organic	Bis(2-ethylhexyl)adipate	n/a	=	5.45	µg/L	EPA 525.2	0.42	5			
2021/22-4	Lab	LCS, rec	5/31/2022	Organic	Bis(2-ethylhexyl)adipate	n/a	=	109	%	EPA 525.2	-88	-88	70	130	
2021/22-4	Lab	LCS dup	5/31/2022	Organic	Bis(2-ethylhexyl)adipate	n/a	DNQ	4.82	µg/L	EPA 525.2	0.42	5			
2021/22-4	Lab	LCS dup, rec	5/31/2022	Organic	Bis(2-ethylhexyl)adipate	n/a	=	9.6	%	EPA 525.2	-88	-88	70	130	
2021/22-4	Lab	LCS, RPD	5/31/2022	Organic	Bis(2-ethylhexyl)adipate	n/a	=	12	%	EPA 525.2	-88	-88	0	30	
2021/22-4	Lab	method blank	6/2/2022	Organic	Bis(2-ethylhexyl)adipate	n/a	<	0.42	µg/L	EPA 525.2	0.42	5			
2021/22-4	Lab	LCS	6/2/2022	Organic	Bis(2-ethylhexyl)adipate	n/a	=	5.62	µg/L	EPA 525.2	0.42	5			
2021/22-4	Lab	LCS, rec	6/2/2022	Organic	Bis(2-ethylhexyl)adipate	n/a	=	112	%	EPA 525.2	-88	-88	70	130	
2021/22-4	Lab	LCS dup	6/2/2022	Organic	Bis(2-ethylhexyl)adipate	n/a	=	5.08	µg/L	EPA 525.2	0.42	5			
2021/22-4	Lab	LCS dup, rec	6/2/2022	Organic	Bis(2-ethylhexyl)adipate	n/a	=	102	%	EPA 525.2	-88	-88	70	130	
2021/22-4	Lab	LCS, RPD	6/2/2022	Organic	Bis(2-ethylhexyl)adipate	n/a	=	10	%	EPA 525.2	-88	-88	0	30	
2021/22-4	000NONPJ	matrix spike	6/6/2022	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	19.5	µg/L	EPA 625.1	2.3	5			
2021/22-4	000NONPJ	matrix spike, rec	6/6/2022	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	97	%	EPA 625.1	-88	-88	8	158	
2021/22-4	000NONPJ	matrix spike dup	6/6/2022	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	20.2	µg/L	EPA 625.1	2.3	5			
2021/22-4	000NONPJ	matrix spike dup, rec	6/6/2022	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	101	%	EPA 625.1	-88	-88	8	158	
2021/22-4	000NONPJ	matrix spike, RPD	6/6/2022	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	4	%	EPA 625.1	-88	-88	0	30	
2021/22-4	Lab	method blank	5/10/2022	Organic	Bis(2-ethylhexyl)phthalate	n/a	<	0.41	µg/L	EPA 525.2	0.41	3			
2021/22-4	Lab	LCS	5/10/2022	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	6.29	µg/L	EPA 525.2	0.41	3			
2021/22-4	Lab	LCS, rec	5/10/2022	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	126	%	EPA 525.2	-88	-88	70	130	
2021/22-4	Lab	LCS dup	5/10/2022	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	6.28	µg/L	EPA 525.2	0.41	3			
2021/22-4	Lab	LCS dup, rec	5/10/2022	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	126	%	EPA 525.2	-88	-88	70	130	
2021/22-4	Lab	LCS, RPD	5/10/2022	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	0.02	%	EPA 525.2	-88	-88	0	30	
2021/22-4	Lab	LCS	5/11/2022	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	15.8	µg/L	EPA 625.1	2.3	5			
2021/22-4	Lab	LCS, rec	5/11/2022	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	79	%	EPA 625.1	-88	-88	29	137	
2021/22-4	Lab	method blank	5/11/2022	Organic	Bis(2-ethylhexyl)phthalate	n/a	<	2.3	µg/L	EPA 625.1	2.3	5			
2021/22-4	Lab	method blank	5/31/2022	Organic	Bis(2-ethylhexyl)phthalate	n/a	<	0.41	µg/L	EPA 525.2	0.41	3			
2021/22-4	Lab	LCS	5/31/2022	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	6.03	µg/L	EPA 525.2	0.41	3			
2021/22-4	Lab	LCS, rec	5/31/2022	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	121	%	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	
2021/22-4	Lab	LCS dup	5/31/2022	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	5.29	µg/L	EPA 525.2	0.41	3			
2021/22-4	Lab	LCS dup, rec	5/31/2022	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	106	%	EPA 525.2	-88	-88	70	130	
2021/22-4	Lab	LCS, RPD	5/31/2022	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	13	%	EPA 525.2	-88	-88	0	30	
2021/22-4	Lab	LCS	5/31/2022	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	22.8	µg/L	EPA 625.1	2.3	4			
2021/22-4	Lab	LCS, rec	5/31/2022	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	114	%	EPA 625.1	-88	-88	29	137	
2021/22-4	Lab	method blank	5/31/2022	Organic	Bis(2-ethylhexyl)phthalate	n/a	<	2.3	µg/L	EPA 625.1	2.3	4			
2021/22-4	Lab	method blank	6/2/2022	Organic	Bis(2-ethylhexyl)phthalate	n/a	<	0.41	µg/L	EPA 525.2	0.41	3			
2021/22-4	Lab	LCS	6/2/2022	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	6.05	µg/L	EPA 525.2	0.41	3			
2021/22-4	Lab	LCS, rec	6/2/2022	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	121	%	EPA 525.2	-88	-88	70	130	
2021/22-4	Lab	LCS dup	6/2/2022	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	5.58	µg/L	EPA 525.2	0.41	3			
2021/22-4	Lab	LCS dup, rec	6/2/2022	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	112	%	EPA 525.2	-88	-88	70	130	
2021/22-4	Lab	LCS, RPD	6/2/2022	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	8	%	EPA 525.2	-88	-88	0	30	
2021/22-4	Lab	LCS	6/6/2022	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	15.2	µg/L	EPA 625.1	2.3	5			
2021/22-4	Lab	LCS, rec	6/6/2022	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	76	%	EPA 625.1	-88	-88	29	137	
2021/22-4	Lab	method blank	6/6/2022	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	9.66	µg/L	EPA 625.1	2.3	5			IP
2021/22-4	Lab	LCS	6/11/2022	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	22.5	µg/L	EPA 625.1	2.3	5			
2021/22-4	Lab	LCS, rec	6/11/2022	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	113	%	EPA 625.1	-88	-88	29	137	
2021/22-4	Lab	LCS dup	6/11/2022	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	21.8	µg/L	EPA 625.1	2.3	5			
2021/22-4	Lab	LCS dup, rec	6/11/2022	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	109	%	EPA 625.1	-88	-88	29	137	
2021/22-4	Lab	LCS, RPD	6/11/2022	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	3	%	EPA 625.1	-88	-88	0	30	
2021/22-4	Lab	method blank	6/11/2022	Organic	Bis(2-ethylhexyl)phthalate	n/a	<	2.3	µg/L	EPA 625.1	2.3	5			
2021/22-4	ME-VR2	matrix spike	5/11/2022	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	17.5	µg/L	EPA 625.1	2.3	5			
2021/22-4	ME-VR2	matrix spike, rec	5/11/2022	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	87	%	EPA 625.1	-88	-88	8	158	
2021/22-4	ME-VR2	matrix spike dup	5/11/2022	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	17.2	µg/L	EPA 625.1	2.3	5			
2021/22-4	ME-VR2	matrix spike dup, rec	5/11/2022	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	85	%	EPA 625.1	-88	-88	8	158	
2021/22-4	ME-VR2	matrix spike, RPD	5/11/2022	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	2	%	EPA 625.1	-88	-88	0	30	
2021/22-4	MO-THO	matrix spike	5/31/2022	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	22.1	µg/L	EPA 625.1	2.3	4			
2021/22-4	MO-THO	matrix spike, rec	5/31/2022	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	116	%	EPA 625.1	-88	-88	8	158	
2021/22-4	MO-THO	matrix spike dup	5/31/2022	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	23.1	µg/L	EPA 625.1	2.3	4			
2021/22-4	MO-THO	matrix spike dup, rec	5/31/2022	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	122	%	EPA 625.1	-88	-88	8	158	
2021/22-4	MO-THO	matrix spike, RPD	5/31/2022	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	5	%	EPA 625.1	-88	-88	0	30	
2021/22-4	000NONPJ	matrix spike	6/6/2022	Organic	Butyl benzyl phthalate	n/a	=	20	µg/L	EPA 625.1	0.49	1			
2021/22-4	000NONPJ	matrix spike, rec	6/6/2022	Organic	Butyl benzyl phthalate	n/a	=	100	%	EPA 625.1	-88	-88	0.1	152	
2021/22-4	000NONPJ	matrix spike dup	6/6/2022	Organic	Butyl benzyl phthalate	n/a	=	20.5	µg/L	EPA 625.1	0.49	1			
2021/22-4	000NONPJ	matrix spike dup, rec	6/6/2022	Organic	Butyl benzyl phthalate	n/a	=	102	%	EPA 625.1	-88	-88	0.1	152	
2021/22-4	000NONPJ	matrix spike, RPD	6/6/2022	Organic	Butyl benzyl phthalate	n/a	=	2	%	EPA 625.1	-88	-88	0	30	
2021/22-4	Lab	LCS	5/11/2022	Organic	Butyl benzyl phthalate	n/a	=	16.2	µg/L	EPA 625.1	0.49	1			
2021/22-4	Lab	LCS, rec	5/11/2022	Organic	Butyl benzyl phthalate	n/a	=	81	%	EPA 625.1	-88	-88	0.1	140	
2021/22-4	Lab	method blank	5/11/2022	Organic	Butyl benzyl phthalate	n/a	<	0.49	µg/L	EPA 625.1	0.49	1			
2021/22-4	Lab	LCS	5/31/2022	Organic	Butyl benzyl phthalate	n/a	=	22.5	µg/L	EPA 625.1	0.49	1			
2021/22-4	Lab	LCS, rec	5/31/2022	Organic	Butyl benzyl phthalate	n/a	=	113	%	EPA 625.1	-88	-88	0.1	140	
2021/22-4	Lab	method blank	5/31/2022	Organic	Butyl benzyl phthalate	n/a	<	0.49	µg/L	EPA 625.1	0.49	1			
2021/22-4	Lab	LCS	6/6/2022	Organic	Butyl benzyl phthalate	n/a	=	15.6	µg/L	EPA 625.1	0.49	1			
2021/22-4	Lab	LCS, rec	6/6/2022	Organic	Butyl benzyl phthalate	n/a	=	78	%	EPA 625.1	-88	-88	0.1	140	
2021/22-4	Lab	method blank	6/6/2022	Organic	Butyl benzyl phthalate	n/a	<	0.49	µg/L	EPA 625.1	0.49	1			
2021/22-4	Lab	LCS	6/11/2022	Organic	Butyl benzyl phthalate	n/a	=	22.4	µg/L	EPA 625.1	0.49	1			
2021/22-4	Lab	LCS, rec	6/11/2022	Organic	Butyl benzyl phthalate	n/a	=	112	%	EPA 625.1	-88	-88	0.1	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	
2021/22-4	Lab	LCS dup	6/11/2022	Organic	Butyl benzyl phthalate	n/a	=	21.5	µg/L	EPA 625.1	0.49	1			
2021/22-4	Lab	LCS dup, rec	6/11/2022	Organic	Butyl benzyl phthalate	n/a	=	107	%	EPA 625.1	-88	-88	0.1	140	
2021/22-4	Lab	LCS, RPD	6/11/2022	Organic	Butyl benzyl phthalate	n/a	=	4	%	EPA 625.1	-88	-88	0	30	
2021/22-4	Lab	method blank	6/11/2022	Organic	Butyl benzyl phthalate	n/a	<	0.49	µg/L	EPA 625.1	0.49	1			
2021/22-4	ME-VR2	matrix spike	5/11/2022	Organic	Butyl benzyl phthalate	n/a	=	17.6	µg/L	EPA 625.1	0.49	1			
2021/22-4	ME-VR2	matrix spike, rec	5/11/2022	Organic	Butyl benzyl phthalate	n/a	=	88	%	EPA 625.1	-88	-88	0.1	152	
2021/22-4	ME-VR2	matrix spike dup	5/11/2022	Organic	Butyl benzyl phthalate	n/a	=	16.8	µg/L	EPA 625.1	0.49	1			
2021/22-4	ME-VR2	matrix spike dup, rec	5/11/2022	Organic	Butyl benzyl phthalate	n/a	=	83	%	EPA 625.1	-88	-88	0.1	152	
2021/22-4	ME-VR2	matrix spike, RPD	5/11/2022	Organic	Butyl benzyl phthalate	n/a	=	5	%	EPA 625.1	-88	-88	0	30	
2021/22-4	MO-THO	matrix spike	5/31/2022	Organic	Butyl benzyl phthalate	n/a	=	21.9	µg/L	EPA 625.1	0.49	1			
2021/22-4	MO-THO	matrix spike, rec	5/31/2022	Organic	Butyl benzyl phthalate	n/a	=	116	%	EPA 625.1	-88	-88	0.1	152	
2021/22-4	MO-THO	matrix spike dup	5/31/2022	Organic	Butyl benzyl phthalate	n/a	=	23.1	µg/L	EPA 625.1	0.49	1			
2021/22-4	MO-THO	matrix spike dup, rec	5/31/2022	Organic	Butyl benzyl phthalate	n/a	=	122	%	EPA 625.1	-88	-88	0.1	152	
2021/22-4	MO-THO	matrix spike, RPD	5/31/2022	Organic	Butyl benzyl phthalate	n/a	=	5	%	EPA 625.1	-88	-88	0	30	
2021/22-4	000NONPJ	matrix spike	6/6/2022	Organic	Chrysene	n/a	=	19.2	µg/L	EPA 625.1	0.19	1			
2021/22-4	000NONPJ	matrix spike, rec	6/6/2022	Organic	Chrysene	n/a	=	95	%	EPA 625.1	-88	-88	17	168	
2021/22-4	000NONPJ	matrix spike dup	6/6/2022	Organic	Chrysene	n/a	=	18.9	µg/L	EPA 625.1	0.19	1			
2021/22-4	000NONPJ	matrix spike dup, rec	6/6/2022	Organic	Chrysene	n/a	=	94	%	EPA 625.1	-88	-88	17	168	
2021/22-4	000NONPJ	matrix spike, RPD	6/6/2022	Organic	Chrysene	n/a	=	1	%	EPA 625.1	-88	-88	0	30	
2021/22-4	Lab	LCS	5/11/2022	Organic	Chrysene	n/a	=	18.5	µg/L	EPA 625.1	0.19	1			
2021/22-4	Lab	LCS, rec	5/11/2022	Organic	Chrysene	n/a	=	92	%	EPA 625.1	-88	-88	44	140	
2021/22-4	Lab	method blank	5/11/2022	Organic	Chrysene	n/a	<	0.19	µg/L	EPA 625.1	0.19	1			
2021/22-4	Lab	method blank	5/13/2022	Organic	Chrysene	n/a	<	0.074	µg/L	EPA 8270C	0.074	0.1			
2021/22-4	Lab	LCS	5/13/2022	Organic	Chrysene	n/a	=	17.6	µg/L	EPA 8270C	0.074	0.1			
2021/22-4	Lab	LCS, rec	5/13/2022	Organic	Chrysene	n/a	=	88	%	EPA 8270C	-88	-88	32	126	
2021/22-4	Lab	LCS	5/31/2022	Organic	Chrysene	n/a	=	19.8	µg/L	EPA 625.1	0.19	1			
2021/22-4	Lab	LCS, rec	5/31/2022	Organic	Chrysene	n/a	=	99	%	EPA 625.1	-88	-88	44	140	
2021/22-4	Lab	method blank	5/31/2022	Organic	Chrysene	n/a	<	0.19	µg/L	EPA 625.1	0.19	1			
2021/22-4	Lab	LCS	6/6/2022	Organic	Chrysene	n/a	=	18.3	µg/L	EPA 625.1	0.19	1			
2021/22-4	Lab	LCS, rec	6/6/2022	Organic	Chrysene	n/a	=	92	%	EPA 625.1	-88	-88	44	140	
2021/22-4	Lab	method blank	6/6/2022	Organic	Chrysene	n/a	<	0.19	µg/L	EPA 625.1	0.19	1			
2021/22-4	Lab	LCS	6/11/2022	Organic	Chrysene	n/a	=	18.2	µg/L	EPA 625.1	0.19	1			
2021/22-4	Lab	LCS, rec	6/11/2022	Organic	Chrysene	n/a	=	91	%	EPA 625.1	-88	-88	44	140	
2021/22-4	Lab	LCS dup	6/11/2022	Organic	Chrysene	n/a	=	19	µg/L	EPA 625.1	0.19	1			
2021/22-4	Lab	LCS dup, rec	6/11/2022	Organic	Chrysene	n/a	=	95	%	EPA 625.1	-88	-88	44	140	
2021/22-4	Lab	LCS, RPD	6/11/2022	Organic	Chrysene	n/a	=	4	%	EPA 625.1	-88	-88	0	30	
2021/22-4	Lab	method blank	6/11/2022	Organic	Chrysene	n/a	<	0.19	µg/L	EPA 625.1	0.19	1			
2021/22-4	Lab	method blank	6/25/2022	Organic	Chrysene	n/a	<	0.074	µg/L	EPA 8270C	0.074	0.1			
2021/22-4	Lab	LCS	6/25/2022	Organic	Chrysene	n/a	=	16.3	µg/L	EPA 8270C	0.074	0.1			
2021/22-4	Lab	LCS, rec	6/25/2022	Organic	Chrysene	n/a	=	82	%	EPA 8270C	-88	-88	32	126	
2021/22-4	ME-VR2	matrix spike	5/11/2022	Organic	Chrysene	n/a	=	19.5	µg/L	EPA 625.1	0.19	1			
2021/22-4	ME-VR2	matrix spike, rec	5/11/2022	Organic	Chrysene	n/a	=	97	%	EPA 625.1	-88	-88	17	168	
2021/22-4	ME-VR2	matrix spike dup	5/11/2022	Organic	Chrysene	n/a	=	18.9	µg/L	EPA 625.1	0.19	1			
2021/22-4	ME-VR2	matrix spike dup, rec	5/11/2022	Organic	Chrysene	n/a	=	93	%	EPA 625.1	-88	-88	17	168	
2021/22-4	ME-VR2	matrix spike, RPD	5/11/2022	Organic	Chrysene	n/a	=	3	%	EPA 625.1	-88	-88	0	30	
2021/22-4	ME-VR2	matrix spike	5/13/2022	Organic	Chrysene	n/a	=	17.6	µg/L	EPA 8270C	0.074	0.1			
2021/22-4	ME-VR2	matrix spike, rec	5/13/2022	Organic	Chrysene	n/a	=	88	%	EPA 8270C	-88	-88	11	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	
2021/22-4	ME-VR2	matrix spike dup	5/14/2022	Organic	Chrysene	n/a	=	17.5	µg/L	EPA 8270C	0.074	0.1			
2021/22-4	ME-VR2	matrix spike dup, rec	5/14/2022	Organic	Chrysene	n/a	=	86	%	EPA 8270C	-88	-88	11	151	
2021/22-4	ME-VR2	matrix spike, RPD	5/14/2022	Organic	Chrysene	n/a	=	0.5	%	EPA 8270C	-88	-88	0	30	
2021/22-4	MO-THO	matrix spike	5/31/2022	Organic	Chrysene	n/a	=	19.7	µg/L	EPA 625.1	0.19	1			
2021/22-4	MO-THO	matrix spike, rec	5/31/2022	Organic	Chrysene	n/a	=	104	%	EPA 625.1	-88	-88	17	168	
2021/22-4	MO-THO	matrix spike dup	5/31/2022	Organic	Chrysene	n/a	=	20.2	µg/L	EPA 625.1	0.19	1			
2021/22-4	MO-THO	matrix spike dup, rec	5/31/2022	Organic	Chrysene	n/a	=	107	%	EPA 625.1	-88	-88	17	168	
2021/22-4	MO-THO	matrix spike, RPD	5/31/2022	Organic	Chrysene	n/a	=	2	%	EPA 625.1	-88	-88	0	30	
2021/22-4	MO-THO	matrix spike	6/25/2022	Organic	Chrysene	n/a	=	15.6	µg/L	EPA 8270C	0.074	0.1			
2021/22-4	MO-THO	matrix spike, rec	6/25/2022	Organic	Chrysene	n/a	=	82	%	EPA 8270C	-88	-88	11	151	
2021/22-4	MO-THO	matrix spike dup	6/25/2022	Organic	Chrysene	n/a	=	15.4	µg/L	EPA 8270C	0.074	0.1			
2021/22-4	MO-THO	matrix spike dup, rec	6/25/2022	Organic	Chrysene	n/a	=	82	%	EPA 8270C	-88	-88	11	151	
2021/22-4	MO-THO	matrix spike, RPD	6/25/2022	Organic	Chrysene	n/a	=	1	%	EPA 8270C	-88	-88	0	30	
2021/22-4	000NONPJ	matrix spike	6/6/2022	Organic	Dibenz(a,h)anthracene	n/a	=	18.9	µg/L	EPA 625.1	0.15	2			
2021/22-4	000NONPJ	matrix spike, rec	6/6/2022	Organic	Dibenz(a,h)anthracene	n/a	=	94	%	EPA 625.1	-88	-88	0.1	227	
2021/22-4	000NONPJ	matrix spike dup	6/6/2022	Organic	Dibenz(a,h)anthracene	n/a	=	19.6	µg/L	EPA 625.1	0.15	2			
2021/22-4	000NONPJ	matrix spike dup, rec	6/6/2022	Organic	Dibenz(a,h)anthracene	n/a	=	97	%	EPA 625.1	-88	-88	0.1	227	
2021/22-4	000NONPJ	matrix spike, RPD	6/6/2022	Organic	Dibenz(a,h)anthracene	n/a	=	4	%	EPA 625.1	-88	-88	0	30	
2021/22-4	Lab	LCS	5/11/2022	Organic	Dibenz(a,h)anthracene	n/a	=	19.7	µg/L	EPA 625.1	0.15	2			
2021/22-4	Lab	LCS, rec	5/11/2022	Organic	Dibenz(a,h)anthracene	n/a	=	98	%	EPA 625.1	-88	-88	0.1	200	
2021/22-4	Lab	method blank	5/11/2022	Organic	Dibenz(a,h)anthracene	n/a	<	0.15	µg/L	EPA 625.1	0.15	2			
2021/22-4	Lab	method blank	5/13/2022	Organic	Dibenz(a,h)anthracene	n/a	<	0.036	µg/L	EPA 8270C	0.036	0.1			
2021/22-4	Lab	LCS	5/13/2022	Organic	Dibenz(a,h)anthracene	n/a	=	18.7	µg/L	EPA 8270C	0.036	0.1			
2021/22-4	Lab	LCS, rec	5/13/2022	Organic	Dibenz(a,h)anthracene	n/a	=	94	%	EPA 8270C	-88	-88	9	147	
2021/22-4	Lab	LCS	5/31/2022	Organic	Dibenz(a,h)anthracene	n/a	=	20.6	µg/L	EPA 625.1	0.15	2			
2021/22-4	Lab	LCS, rec	5/31/2022	Organic	Dibenz(a,h)anthracene	n/a	=	103	%	EPA 625.1	-88	-88	0.1	200	
2021/22-4	Lab	method blank	5/31/2022	Organic	Dibenz(a,h)anthracene	n/a	<	0.15	µg/L	EPA 625.1	0.15	2			
2021/22-4	Lab	LCS	6/6/2022	Organic	Dibenz(a,h)anthracene	n/a	=	17.9	µg/L	EPA 625.1	0.15	2			
2021/22-4	Lab	LCS, rec	6/6/2022	Organic	Dibenz(a,h)anthracene	n/a	=	89	%	EPA 625.1	-88	-88	0.1	200	
2021/22-4	Lab	method blank	6/6/2022	Organic	Dibenz(a,h)anthracene	n/a	<	0.15	µg/L	EPA 625.1	0.15	2			
2021/22-4	Lab	LCS	6/11/2022	Organic	Dibenz(a,h)anthracene	n/a	=	16.1	µg/L	EPA 625.1	0.15	2			
2021/22-4	Lab	LCS, rec	6/11/2022	Organic	Dibenz(a,h)anthracene	n/a	=	80	%	EPA 625.1	-88	-88	0.1	200	
2021/22-4	Lab	LCS dup	6/11/2022	Organic	Dibenz(a,h)anthracene	n/a	=	16.5	µg/L	EPA 625.1	0.15	2			
2021/22-4	Lab	LCS dup, rec	6/11/2022	Organic	Dibenz(a,h)anthracene	n/a	=	82	%	EPA 625.1	-88	-88	0.1	200	
2021/22-4	Lab	LCS, RPD	6/11/2022	Organic	Dibenz(a,h)anthracene	n/a	=	3	%	EPA 625.1	-88	-88	0	30	
2021/22-4	Lab	method blank	6/11/2022	Organic	Dibenz(a,h)anthracene	n/a	<	0.15	µg/L	EPA 625.1	0.15	2			
2021/22-4	Lab	method blank	6/25/2022	Organic	Dibenz(a,h)anthracene	n/a	DNQ	0.0425	µg/L	EPA 8270C	0.036	0.1			IP
2021/22-4	Lab	LCS	6/25/2022	Organic	Dibenz(a,h)anthracene	n/a	=	13.7	µg/L	EPA 8270C	0.036	0.1			
2021/22-4	Lab	LCS, rec	6/25/2022	Organic	Dibenz(a,h)anthracene	n/a	=	68	%	EPA 8270C	-88	-88	9	147	
2021/22-4	ME-VR2	matrix spike	5/11/2022	Organic	Dibenz(a,h)anthracene	n/a	=	20	µg/L	EPA 625.1	0.15	2			
2021/22-4	ME-VR2	matrix spike, rec	5/11/2022	Organic	Dibenz(a,h)anthracene	n/a	=	100	%	EPA 625.1	-88	-88	0.1	227	
2021/22-4	ME-VR2	matrix spike dup	5/11/2022	Organic	Dibenz(a,h)anthracene	n/a	=	19.1	µg/L	EPA 625.1	0.15	2			
2021/22-4	ME-VR2	matrix spike dup, rec	5/11/2022	Organic	Dibenz(a,h)anthracene	n/a	=	94	%	EPA 625.1	-88	-88	0.1	227	
2021/22-4	ME-VR2	matrix spike, RPD	5/11/2022	Organic	Dibenz(a,h)anthracene	n/a	=	5	%	EPA 625.1	-88	-88	0	30	
2021/22-4	ME-VR2	matrix spike	5/13/2022	Organic	Dibenz(a,h)anthracene	n/a	=	18.3	µg/L	EPA 8270C	0.036	0.1			
2021/22-4	ME-VR2	matrix spike, rec	5/13/2022	Organic	Dibenz(a,h)anthracene	n/a	=	91	%	EPA 8270C	-88	-88	23	123	
2021/22-4	ME-VR2	matrix spike dup	5/14/2022	Organic	Dibenz(a,h)anthracene	n/a	=	17.9	µg/L	EPA 8270C	0.036	0.1			

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2021/22-4	ME-VR2	matrix spike dup, rec	5/14/2022	Organic	Dibenz(a,h)anthracene	n/a	=	88	%	EPA 8270C	-88	-88	23	123	
2021/22-4	ME-VR2	matrix spike, RPD	5/14/2022	Organic	Dibenz(a,h)anthracene	n/a	=	3	%	EPA 8270C	-88	-88	0	30	
2021/22-4	MO-THO	matrix spike	5/31/2022	Organic	Dibenz(a,h)anthracene	n/a	=	21	µg/L	EPA 625.1	0.15	2			
2021/22-4	MO-THO	matrix spike, rec	5/31/2022	Organic	Dibenz(a,h)anthracene	n/a	=	111	%	EPA 625.1	-88	-88	0.1	227	
2021/22-4	MO-THO	matrix spike dup	5/31/2022	Organic	Dibenz(a,h)anthracene	n/a	=	21.5	µg/L	EPA 625.1	0.15	2			
2021/22-4	MO-THO	matrix spike dup, rec	5/31/2022	Organic	Dibenz(a,h)anthracene	n/a	=	114	%	EPA 625.1	-88	-88	0.1	227	
2021/22-4	MO-THO	matrix spike, RPD	5/31/2022	Organic	Dibenz(a,h)anthracene	n/a	=	2	%	EPA 625.1	-88	-88	0	30	
2021/22-4	MO-THO	matrix spike	6/25/2022	Organic	Dibenz(a,h)anthracene	n/a	=	12.9	µg/L	EPA 8270C	0.036	0.1			
2021/22-4	MO-THO	matrix spike, rec	6/25/2022	Organic	Dibenz(a,h)anthracene	n/a	=	68	%	EPA 8270C	-88	-88	23	123	
2021/22-4	MO-THO	matrix spike dup	6/25/2022	Organic	Dibenz(a,h)anthracene	n/a	=	12.9	µg/L	EPA 8270C	0.036	0.1			
2021/22-4	MO-THO	matrix spike dup, rec	6/25/2022	Organic	Dibenz(a,h)anthracene	n/a	=	68	%	EPA 8270C	-88	-88	23	123	
2021/22-4	MO-THO	matrix spike, RPD	6/25/2022	Organic	Dibenz(a,h)anthracene	n/a	=	0.08	%	EPA 8270C	-88	-88	0	30	
2021/22-4	000NONPJ	matrix spike	6/6/2022	Organic	Diethyl phthalate	n/a	=	17.7	µg/L	EPA 625.1	0.35	1			
2021/22-4	000NONPJ	matrix spike, rec	6/6/2022	Organic	Diethyl phthalate	n/a	=	88	%	EPA 625.1	-88	-88	0.1	120	
2021/22-4	000NONPJ	matrix spike dup	6/6/2022	Organic	Diethyl phthalate	n/a	=	17.8	µg/L	EPA 625.1	0.35	1			
2021/22-4	000NONPJ	matrix spike dup, rec	6/6/2022	Organic	Diethyl phthalate	n/a	=	89	%	EPA 625.1	-88	-88	0.1	120	
2021/22-4	000NONPJ	matrix spike, RPD	6/6/2022	Organic	Diethyl phthalate	n/a	=	0.6	%	EPA 625.1	-88	-88	0	30	
2021/22-4	Lab	LCS	5/11/2022	Organic	Diethyl phthalate	n/a	=	16.5	µg/L	EPA 625.1	0.35	1			
2021/22-4	Lab	LCS, rec	5/11/2022	Organic	Diethyl phthalate	n/a	=	82	%	EPA 625.1	-88	-88	0.1	120	
2021/22-4	Lab	method blank	5/11/2022	Organic	Diethyl phthalate	n/a	<	0.35	µg/L	EPA 625.1	0.35	1			
2021/22-4	Lab	LCS	5/31/2022	Organic	Diethyl phthalate	n/a	=	16.5	µg/L	EPA 625.1	0.35	1			
2021/22-4	Lab	LCS, rec	5/31/2022	Organic	Diethyl phthalate	n/a	=	83	%	EPA 625.1	-88	-88	0.1	120	
2021/22-4	Lab	method blank	5/31/2022	Organic	Diethyl phthalate	n/a	<	0.35	µg/L	EPA 625.1	0.35	1			
2021/22-4	Lab	LCS	6/6/2022	Organic	Diethyl phthalate	n/a	=	16.5	µg/L	EPA 625.1	0.35	1			
2021/22-4	Lab	LCS, rec	6/6/2022	Organic	Diethyl phthalate	n/a	=	83	%	EPA 625.1	-88	-88	0.1	120	
2021/22-4	Lab	method blank	6/6/2022	Organic	Diethyl phthalate	n/a	<	0.35	µg/L	EPA 625.1	0.35	1			
2021/22-4	Lab	LCS	6/11/2022	Organic	Diethyl phthalate	n/a	=	16	µg/L	EPA 625.1	0.35	1			
2021/22-4	Lab	LCS, rec	6/11/2022	Organic	Diethyl phthalate	n/a	=	80	%	EPA 625.1	-88	-88	0.1	120	
2021/22-4	Lab	LCS dup	6/11/2022	Organic	Diethyl phthalate	n/a	=	16.6	µg/L	EPA 625.1	0.35	1			
2021/22-4	Lab	LCS dup, rec	6/11/2022	Organic	Diethyl phthalate	n/a	=	83	%	EPA 625.1	-88	-88	0.1	120	
2021/22-4	Lab	LCS, RPD	6/11/2022	Organic	Diethyl phthalate	n/a	=	4	%	EPA 625.1	-88	-88	0	30	
2021/22-4	Lab	method blank	6/11/2022	Organic	Diethyl phthalate	n/a	<	0.35	µg/L	EPA 625.1	0.35	1			
2021/22-4	ME-VR2	matrix spike	5/11/2022	Organic	Diethyl phthalate	n/a	=	17.8	µg/L	EPA 625.1	0.35	1			
2021/22-4	ME-VR2	matrix spike, rec	5/11/2022	Organic	Diethyl phthalate	n/a	=	89	%	EPA 625.1	-88	-88	0.1	120	
2021/22-4	ME-VR2	matrix spike dup	5/11/2022	Organic	Diethyl phthalate	n/a	=	16.7	µg/L	EPA 625.1	0.35	1			
2021/22-4	ME-VR2	matrix spike dup, rec	5/11/2022	Organic	Diethyl phthalate	n/a	=	82	%	EPA 625.1	-88	-88	0.1	120	
2021/22-4	ME-VR2	matrix spike, RPD	5/11/2022	Organic	Diethyl phthalate	n/a	=	6	%	EPA 625.1	-88	-88	0	30	
2021/22-4	MO-THO	matrix spike	5/31/2022	Organic	Diethyl phthalate	n/a	=	17.7	µg/L	EPA 625.1	0.35	1			
2021/22-4	MO-THO	matrix spike, rec	5/31/2022	Organic	Diethyl phthalate	n/a	=	93	%	EPA 625.1	-88	-88	0.1	120	
2021/22-4	MO-THO	matrix spike dup	5/31/2022	Organic	Diethyl phthalate	n/a	=	18.1	µg/L	EPA 625.1	0.35	1			
2021/22-4	MO-THO	matrix spike dup, rec	5/31/2022	Organic	Diethyl phthalate	n/a	=	96	%	EPA 625.1	-88	-88	0.1	120	
2021/22-4	MO-THO	matrix spike, RPD	5/31/2022	Organic	Diethyl phthalate	n/a	=	2	%	EPA 625.1	-88	-88	0	30	
2021/22-4	000NONPJ	matrix spike	6/6/2022	Organic	Dimethyl phthalate	n/a	=	19.8	µg/L	EPA 625.1	0.18	1			
2021/22-4	000NONPJ	matrix spike, rec	6/6/2022	Organic	Dimethyl phthalate	n/a	=	98	%	EPA 625.1	-88	-88	0.1	120	
2021/22-4	000NONPJ	matrix spike dup	6/6/2022	Organic	Dimethyl phthalate	n/a	=	20.1	µg/L	EPA 625.1	0.18	1			
2021/22-4	000NONPJ	matrix spike dup, rec	6/6/2022	Organic	Dimethyl phthalate	n/a	=	100	%	EPA 625.1	-88	-88	0.1	120	
2021/22-4	000NONPJ	matrix spike, RPD	6/6/2022	Organic	Dimethyl phthalate	n/a	=	1	%	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	
2021/22-4	Lab	LCS	5/11/2022	Organic	Dimethyl phthalate	n/a	=	17.6	µg/L	EPA 625.1	0.18	1			
2021/22-4	Lab	LCS, rec	5/11/2022	Organic	Dimethyl phthalate	n/a	=	88	%	EPA 625.1	-88	-88	0.1	120	
2021/22-4	Lab	method blank	5/11/2022	Organic	Dimethyl phthalate	n/a	<	0.18	µg/L	EPA 625.1	0.18	1			
2021/22-4	Lab	LCS	5/31/2022	Organic	Dimethyl phthalate	n/a	=	20.2	µg/L	EPA 625.1	0.18	1			
2021/22-4	Lab	LCS, rec	5/31/2022	Organic	Dimethyl phthalate	n/a	=	101	%	EPA 625.1	-88	-88	0.1	120	
2021/22-4	Lab	method blank	5/31/2022	Organic	Dimethyl phthalate	n/a	<	0.18	µg/L	EPA 625.1	0.18	1			
2021/22-4	Lab	LCS	6/6/2022	Organic	Dimethyl phthalate	n/a	=	18.9	µg/L	EPA 625.1	0.18	1			
2021/22-4	Lab	LCS, rec	6/6/2022	Organic	Dimethyl phthalate	n/a	=	94	%	EPA 625.1	-88	-88	0.1	120	
2021/22-4	Lab	method blank	6/6/2022	Organic	Dimethyl phthalate	n/a	<	0.18	µg/L	EPA 625.1	0.18	1			
2021/22-4	Lab	LCS	6/11/2022	Organic	Dimethyl phthalate	n/a	=	15.9	µg/L	EPA 625.1	0.18	1			
2021/22-4	Lab	LCS, rec	6/11/2022	Organic	Dimethyl phthalate	n/a	=	80	%	EPA 625.1	-88	-88	0.1	120	
2021/22-4	Lab	LCS dup	6/11/2022	Organic	Dimethyl phthalate	n/a	=	16.1	µg/L	EPA 625.1	0.18	1			
2021/22-4	Lab	LCS dup, rec	6/11/2022	Organic	Dimethyl phthalate	n/a	=	80	%	EPA 625.1	-88	-88	0.1	120	
2021/22-4	Lab	LCS, RPD	6/11/2022	Organic	Dimethyl phthalate	n/a	=	1	%	EPA 625.1	-88	-88	0	30	
2021/22-4	Lab	method blank	6/11/2022	Organic	Dimethyl phthalate	n/a	<	0.18	µg/L	EPA 625.1	0.18	1			
2021/22-4	ME-VR2	matrix spike	5/11/2022	Organic	Dimethyl phthalate	n/a	=	18.2	µg/L	EPA 625.1	0.18	1			
2021/22-4	ME-VR2	matrix spike, rec	5/11/2022	Organic	Dimethyl phthalate	n/a	=	91	%	EPA 625.1	-88	-88	0.1	120	
2021/22-4	ME-VR2	matrix spike dup	5/11/2022	Organic	Dimethyl phthalate	n/a	=	16.1	µg/L	EPA 625.1	0.18	1			
2021/22-4	ME-VR2	matrix spike dup, rec	5/11/2022	Organic	Dimethyl phthalate	n/a	=	79	%	EPA 625.1	-88	-88	0.1	120	
2021/22-4	ME-VR2	matrix spike, RPD	5/11/2022	Organic	Dimethyl phthalate	n/a	=	12	%	EPA 625.1	-88	-88	0	30	
2021/22-4	MO-THO	matrix spike	5/31/2022	Organic	Dimethyl phthalate	n/a	=	28.3	µg/L	EPA 625.1	0.18	1			
2021/22-4	MO-THO	matrix spike, rec	5/31/2022	Organic	Dimethyl phthalate	n/a	=	114	%	EPA 625.1	-88	-88	0.1	120	
2021/22-4	MO-THO	matrix spike dup	5/31/2022	Organic	Dimethyl phthalate	n/a	=	29	µg/L	EPA 625.1	0.18	1			
2021/22-4	MO-THO	matrix spike dup, rec	5/31/2022	Organic	Dimethyl phthalate	n/a	=	118	%	EPA 625.1	-88	-88	0.1	120	
2021/22-4	MO-THO	matrix spike, RPD	5/31/2022	Organic	Dimethyl phthalate	n/a	=	3	%	EPA 625.1	-88	-88	0	30	
2021/22-4	000NONPJ	matrix spike	6/6/2022	Organic	Di-n-butylphthalate	n/a	=	19.5	µg/L	EPA 625.1	0.34	1			
2021/22-4	000NONPJ	matrix spike, rec	6/6/2022	Organic	Di-n-butylphthalate	n/a	=	95	%	EPA 625.1	-88	-88	1	120	
2021/22-4	000NONPJ	matrix spike dup	6/6/2022	Organic	Di-n-butylphthalate	n/a	=	19.8	µg/L	EPA 625.1	0.34	1			
2021/22-4	000NONPJ	matrix spike dup, rec	6/6/2022	Organic	Di-n-butylphthalate	n/a	=	97	%	EPA 625.1	-88	-88	1	120	
2021/22-4	000NONPJ	matrix spike, RPD	6/6/2022	Organic	Di-n-butylphthalate	n/a	=	1	%	EPA 625.1	-88	-88	0	30	
2021/22-4	Lab	LCS	5/11/2022	Organic	Di-n-butylphthalate	n/a	=	15.8	µg/L	EPA 625.1	0.34	1			
2021/22-4	Lab	LCS, rec	5/11/2022	Organic	Di-n-butylphthalate	n/a	=	79	%	EPA 625.1	-88	-88	8	120	
2021/22-4	Lab	method blank	5/11/2022	Organic	Di-n-butylphthalate	n/a	<	0.34	µg/L	EPA 625.1	0.34	1			
2021/22-4	Lab	LCS	5/31/2022	Organic	Di-n-butylphthalate	n/a	=	19.6	µg/L	EPA 625.1	0.34	1			
2021/22-4	Lab	LCS, rec	5/31/2022	Organic	Di-n-butylphthalate	n/a	=	98	%	EPA 625.1	-88	-88	8	120	
2021/22-4	Lab	method blank	5/31/2022	Organic	Di-n-butylphthalate	n/a	<	0.34	µg/L	EPA 625.1	0.34	1			
2021/22-4	Lab	LCS	6/6/2022	Organic	Di-n-butylphthalate	n/a	=	15.2	µg/L	EPA 625.1	0.34	1			
2021/22-4	Lab	LCS, rec	6/6/2022	Organic	Di-n-butylphthalate	n/a	=	76	%	EPA 625.1	-88	-88	8	120	
2021/22-4	Lab	method blank	6/6/2022	Organic	Di-n-butylphthalate	n/a	<	0.34	µg/L	EPA 625.1	0.34	1			
2021/22-4	Lab	LCS	6/11/2022	Organic	Di-n-butylphthalate	n/a	=	19.9	µg/L	EPA 625.1	0.34	1			
2021/22-4	Lab	LCS, rec	6/11/2022	Organic	Di-n-butylphthalate	n/a	=	100	%	EPA 625.1	-88	-88	8	120	
2021/22-4	Lab	LCS dup	6/11/2022	Organic	Di-n-butylphthalate	n/a	=	19.6	µg/L	EPA 625.1	0.34	1			
2021/22-4	Lab	LCS dup, rec	6/11/2022	Organic	Di-n-butylphthalate	n/a	=	98	%	EPA 625.1	-88	-88	8	120	
2021/22-4	Lab	LCS, RPD	6/11/2022	Organic	Di-n-butylphthalate	n/a	=	1	%	EPA 625.1	-88	-88	0	30	
2021/22-4	Lab	method blank	6/11/2022	Organic	Di-n-butylphthalate	n/a	<	0.34	µg/L	EPA 625.1	0.34	1			
2021/22-4	ME-VR2	matrix spike	5/11/2022	Organic	Di-n-butylphthalate	n/a	=	17.2	µg/L	EPA 625.1	0.34	1			
2021/22-4	ME-VR2	matrix spike, rec	5/11/2022	Organic	Di-n-butylphthalate	n/a	=	86	%	EPA 625.1	-88	-88	1	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	
2021/22-4	ME-VR2	matrix spike dup	5/11/2022	Organic	Di-n-butylphthalate	n/a	=	16.5	µg/L	EPA 625.1	0.34	1			
2021/22-4	ME-VR2	matrix spike dup, rec	5/11/2022	Organic	Di-n-butylphthalate	n/a	=	81	%	EPA 625.1	-88	-88	1	120	
2021/22-4	ME-VR2	matrix spike, RPD	5/11/2022	Organic	Di-n-butylphthalate	n/a	=	4	%	EPA 625.1	-88	-88	0	30	
2021/22-4	MO-THO	matrix spike	5/31/2022	Organic	Di-n-butylphthalate	n/a	=	19.5	µg/L	EPA 625.1	0.34	1			
2021/22-4	MO-THO	matrix spike, rec	5/31/2022	Organic	Di-n-butylphthalate	n/a	=	103	%	EPA 625.1	-88	-88	1	120	
2021/22-4	MO-THO	matrix spike dup	5/31/2022	Organic	Di-n-butylphthalate	n/a	=	21.4	µg/L	EPA 625.1	0.34	1			
2021/22-4	MO-THO	matrix spike dup, rec	5/31/2022	Organic	Di-n-butylphthalate	n/a	=	113	%	EPA 625.1	-88	-88	1	120	
2021/22-4	MO-THO	matrix spike, RPD	5/31/2022	Organic	Di-n-butylphthalate	n/a	=	9	%	EPA 625.1	-88	-88	0	30	
2021/22-4	000NONPJ	matrix spike	6/6/2022	Organic	Di-n-octylphthalate	n/a	=	19.6	µg/L	EPA 625.1	0.46	1			
2021/22-4	000NONPJ	matrix spike, rec	6/6/2022	Organic	Di-n-octylphthalate	n/a	=	98	%	EPA 625.1	-88	-88	4	146	
2021/22-4	000NONPJ	matrix spike dup	6/6/2022	Organic	Di-n-octylphthalate	n/a	=	20.3	µg/L	EPA 625.1	0.46	1			
2021/22-4	000NONPJ	matrix spike dup, rec	6/6/2022	Organic	Di-n-octylphthalate	n/a	=	101	%	EPA 625.1	-88	-88	4	146	
2021/22-4	000NONPJ	matrix spike, RPD	6/6/2022	Organic	Di-n-octylphthalate	n/a	=	3	%	EPA 625.1	-88	-88	0	30	
2021/22-4	Lab	LCS	5/11/2022	Organic	Di-n-octylphthalate	n/a	=	20.2	µg/L	EPA 625.1	0.46	1			
2021/22-4	Lab	LCS, rec	5/11/2022	Organic	Di-n-octylphthalate	n/a	=	101	%	EPA 625.1	-88	-88	19	132	
2021/22-4	Lab	method blank	5/11/2022	Organic	Di-n-octylphthalate	n/a	<	0.46	µg/L	EPA 625.1	0.46	1			
2021/22-4	Lab	LCS	5/31/2022	Organic	Di-n-octylphthalate	n/a	=	20.5	µg/L	EPA 625.1	0.46	1			
2021/22-4	Lab	LCS, rec	5/31/2022	Organic	Di-n-octylphthalate	n/a	=	102	%	EPA 625.1	-88	-88	19	132	
2021/22-4	Lab	method blank	5/31/2022	Organic	Di-n-octylphthalate	n/a	<	0.46	µg/L	EPA 625.1	0.46	1			
2021/22-4	Lab	LCS	6/6/2022	Organic	Di-n-octylphthalate	n/a	=	17.8	µg/L	EPA 625.1	0.46	1			
2021/22-4	Lab	LCS, rec	6/6/2022	Organic	Di-n-octylphthalate	n/a	=	89	%	EPA 625.1	-88	-88	19	132	
2021/22-4	Lab	method blank	6/6/2022	Organic	Di-n-octylphthalate	n/a	<	0.46	µg/L	EPA 625.1	0.46	1			
2021/22-4	Lab	LCS	6/11/2022	Organic	Di-n-octylphthalate	n/a	=	22	µg/L	EPA 625.1	0.46	1			
2021/22-4	Lab	LCS, rec	6/11/2022	Organic	Di-n-octylphthalate	n/a	=	110	%	EPA 625.1	-88	-88	19	132	
2021/22-4	Lab	LCS dup	6/11/2022	Organic	Di-n-octylphthalate	n/a	=	22.6	µg/L	EPA 625.1	0.46	1			
2021/22-4	Lab	LCS dup, rec	6/11/2022	Organic	Di-n-octylphthalate	n/a	=	113	%	EPA 625.1	-88	-88	19	132	
2021/22-4	Lab	LCS, RPD	6/11/2022	Organic	Di-n-octylphthalate	n/a	=	3	%	EPA 625.1	-88	-88	0	30	
2021/22-4	Lab	method blank	6/11/2022	Organic	Di-n-octylphthalate	n/a	<	0.46	µg/L	EPA 625.1	0.46	1			
2021/22-4	ME-VR2	matrix spike	5/11/2022	Organic	Di-n-octylphthalate	n/a	=	20.4	µg/L	EPA 625.1	0.46	1			
2021/22-4	ME-VR2	matrix spike, rec	5/11/2022	Organic	Di-n-octylphthalate	n/a	=	101	%	EPA 625.1	-88	-88	4	146	
2021/22-4	ME-VR2	matrix spike dup	5/11/2022	Organic	Di-n-octylphthalate	n/a	=	20.3	µg/L	EPA 625.1	0.46	1			
2021/22-4	ME-VR2	matrix spike dup, rec	5/11/2022	Organic	Di-n-octylphthalate	n/a	=	100	%	EPA 625.1	-88	-88	4	146	
2021/22-4	ME-VR2	matrix spike, RPD	5/11/2022	Organic	Di-n-octylphthalate	n/a	=	0.2	%	EPA 625.1	-88	-88	0	30	
2021/22-4	MO-THO	matrix spike	5/31/2022	Organic	Di-n-octylphthalate	n/a	=	20.6	µg/L	EPA 625.1	0.46	1			
2021/22-4	MO-THO	matrix spike, rec	5/31/2022	Organic	Di-n-octylphthalate	n/a	=	109	%	EPA 625.1	-88	-88	4	146	
2021/22-4	MO-THO	matrix spike dup	5/31/2022	Organic	Di-n-octylphthalate	n/a	=	21.1	µg/L	EPA 625.1	0.46	1			
2021/22-4	MO-THO	matrix spike dup, rec	5/31/2022	Organic	Di-n-octylphthalate	n/a	=	111	%	EPA 625.1	-88	-88	4	146	
2021/22-4	MO-THO	matrix spike, RPD	5/31/2022	Organic	Di-n-octylphthalate	n/a	=	2	%	EPA 625.1	-88	-88	0	30	
2021/22-4	000NONPJ	matrix spike	6/6/2022	Organic	Fluoranthene	n/a	=	20.5	µg/L	EPA 625.1	0.35	1			
2021/22-4	000NONPJ	matrix spike, rec	6/6/2022	Organic	Fluoranthene	n/a	=	102	%	EPA 625.1	-88	-88	26	137	
2021/22-4	000NONPJ	matrix spike dup	6/6/2022	Organic	Fluoranthene	n/a	=	21.4	µg/L	EPA 625.1	0.35	1			
2021/22-4	000NONPJ	matrix spike dup, rec	6/6/2022	Organic	Fluoranthene	n/a	=	106	%	EPA 625.1	-88	-88	26	137	
2021/22-4	000NONPJ	matrix spike, RPD	6/6/2022	Organic	Fluoranthene	n/a	=	4	%	EPA 625.1	-88	-88	0	30	
2021/22-4	Lab	LCS	5/11/2022	Organic	Fluoranthene	n/a	=	15.6	µg/L	EPA 625.1	0.35	1			
2021/22-4	Lab	LCS, rec	5/11/2022	Organic	Fluoranthene	n/a	=	78	%	EPA 625.1	-88	-88	43	121	
2021/22-4	Lab	method blank	5/11/2022	Organic	Fluoranthene	n/a	<	0.35	µg/L	EPA 625.1	0.35	1			
2021/22-4	Lab	method blank	5/13/2022	Organic	Fluoranthene	n/a	<	0.039	µg/L	EPA 8270C	0.039	0.1			

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2021/22-4	Lab	LCS	5/13/2022	Organic	Fluoranthene	n/a	=	19.5	µg/L	EPA 8270C	0.039	0.1			
2021/22-4	Lab	LCS, rec	5/13/2022	Organic	Fluoranthene	n/a	=	97	%	EPA 8270C	-88	-88	22	131	
2021/22-4	Lab	LCS	5/31/2022	Organic	Fluoranthene	n/a	=	22.5	µg/L	EPA 625.1	0.35	1			
2021/22-4	Lab	LCS, rec	5/31/2022	Organic	Fluoranthene	n/a	=	113	%	EPA 625.1	-88	-88	43	121	
2021/22-4	Lab	method blank	5/31/2022	Organic	Fluoranthene	n/a	<	0.35	µg/L	EPA 625.1	0.35	1			
2021/22-4	Lab	LCS	6/6/2022	Organic	Fluoranthene	n/a	=	16.4	µg/L	EPA 625.1	0.35	1			
2021/22-4	Lab	LCS, rec	6/6/2022	Organic	Fluoranthene	n/a	=	82	%	EPA 625.1	-88	-88	43	121	
2021/22-4	Lab	method blank	6/6/2022	Organic	Fluoranthene	n/a	<	0.35	µg/L	EPA 625.1	0.35	1			
2021/22-4	Lab	LCS	6/11/2022	Organic	Fluoranthene	n/a	=	20.8	µg/L	EPA 625.1	0.35	1			
2021/22-4	Lab	LCS, rec	6/11/2022	Organic	Fluoranthene	n/a	=	104	%	EPA 625.1	-88	-88	43	121	
2021/22-4	Lab	LCS dup	6/11/2022	Organic	Fluoranthene	n/a	=	20.6	µg/L	EPA 625.1	0.35	1			
2021/22-4	Lab	LCS dup, rec	6/11/2022	Organic	Fluoranthene	n/a	=	103	%	EPA 625.1	-88	-88	43	121	
2021/22-4	Lab	LCS, RPD	6/11/2022	Organic	Fluoranthene	n/a	=	1	%	EPA 625.1	-88	-88	0	30	
2021/22-4	Lab	method blank	6/11/2022	Organic	Fluoranthene	n/a	<	0.35	µg/L	EPA 625.1	0.35	1			
2021/22-4	Lab	method blank	6/25/2022	Organic	Fluoranthene	n/a	<	0.039	µg/L	EPA 8270C	0.039	0.1			
2021/22-4	Lab	LCS	6/25/2022	Organic	Fluoranthene	n/a	=	17.1	µg/L	EPA 8270C	0.039	0.1			
2021/22-4	Lab	LCS, rec	6/25/2022	Organic	Fluoranthene	n/a	=	85	%	EPA 8270C	-88	-88	22	131	
2021/22-4	ME-VR2	matrix spike	5/11/2022	Organic	Fluoranthene	n/a	=	17.1	µg/L	EPA 625.1	0.35	1			
2021/22-4	ME-VR2	matrix spike, rec	5/11/2022	Organic	Fluoranthene	n/a	=	85	%	EPA 625.1	-88	-88	26	137	
2021/22-4	ME-VR2	matrix spike dup	5/11/2022	Organic	Fluoranthene	n/a	=	16.7	µg/L	EPA 625.1	0.35	1			
2021/22-4	ME-VR2	matrix spike dup, rec	5/11/2022	Organic	Fluoranthene	n/a	=	82	%	EPA 625.1	-88	-88	26	137	
2021/22-4	ME-VR2	matrix spike, RPD	5/11/2022	Organic	Fluoranthene	n/a	=	3	%	EPA 625.1	-88	-88	0	30	
2021/22-4	ME-VR2	matrix spike	5/13/2022	Organic	Fluoranthene	n/a	=	18.5	µg/L	EPA 8270C	0.039	0.1			
2021/22-4	ME-VR2	matrix spike, rec	5/13/2022	Organic	Fluoranthene	n/a	=	92	%	EPA 8270C	-88	-88	15	130	
2021/22-4	ME-VR2	matrix spike dup	5/14/2022	Organic	Fluoranthene	n/a	=	18.7	µg/L	EPA 8270C	0.039	0.1			
2021/22-4	ME-VR2	matrix spike dup, rec	5/14/2022	Organic	Fluoranthene	n/a	=	92	%	EPA 8270C	-88	-88	15	130	
2021/22-4	ME-VR2	matrix spike, RPD	5/14/2022	Organic	Fluoranthene	n/a	=	1	%	EPA 8270C	-88	-88	0	30	
2021/22-4	MO-THO	matrix spike	5/31/2022	Organic	Fluoranthene	n/a	=	21.6	µg/L	EPA 625.1	0.35	1			
2021/22-4	MO-THO	matrix spike, rec	5/31/2022	Organic	Fluoranthene	n/a	=	114	%	EPA 625.1	-88	-88	26	137	
2021/22-4	MO-THO	matrix spike dup	5/31/2022	Organic	Fluoranthene	n/a	=	23.6	µg/L	EPA 625.1	0.35	1			
2021/22-4	MO-THO	matrix spike dup, rec	5/31/2022	Organic	Fluoranthene	n/a	=	125	%	EPA 625.1	-88	-88	26	137	
2021/22-4	MO-THO	matrix spike, RPD	5/31/2022	Organic	Fluoranthene	n/a	=	9	%	EPA 625.1	-88	-88	0	30	
2021/22-4	MO-THO	matrix spike	6/25/2022	Organic	Fluoranthene	n/a	=	16	µg/L	EPA 8270C	0.039	0.1			
2021/22-4	MO-THO	matrix spike, rec	6/25/2022	Organic	Fluoranthene	n/a	=	84	%	EPA 8270C	-88	-88	15	130	
2021/22-4	MO-THO	matrix spike dup	6/25/2022	Organic	Fluoranthene	n/a	=	16.2	µg/L	EPA 8270C	0.039	0.1			
2021/22-4	MO-THO	matrix spike dup, rec	6/25/2022	Organic	Fluoranthene	n/a	=	85	%	EPA 8270C	-88	-88	15	130	
2021/22-4	MO-THO	matrix spike, RPD	6/25/2022	Organic	Fluoranthene	n/a	=	0.9	%	EPA 8270C	-88	-88	0	30	
2021/22-4	000NONPJ	matrix spike	6/6/2022	Organic	Fluorene	n/a	=	19	µg/L	EPA 625.1	0.35	1			
2021/22-4	000NONPJ	matrix spike, rec	6/6/2022	Organic	Fluorene	n/a	=	95	%	EPA 625.1	-88	-88	59	121	
2021/22-4	000NONPJ	matrix spike dup	6/6/2022	Organic	Fluorene	n/a	=	18.8	µg/L	EPA 625.1	0.35	1			
2021/22-4	000NONPJ	matrix spike dup, rec	6/6/2022	Organic	Fluorene	n/a	=	94	%	EPA 625.1	-88	-88	59	121	
2021/22-4	000NONPJ	matrix spike, RPD	6/6/2022	Organic	Fluorene	n/a	=	1	%	EPA 625.1	-88	-88	0	30	
2021/22-4	Lab	LCS	5/11/2022	Organic	Fluorene	n/a	=	17.8	µg/L	EPA 625.1	0.35	1			
2021/22-4	Lab	LCS, rec	5/11/2022	Organic	Fluorene	n/a	=	89	%	EPA 625.1	-88	-88	70	120	
2021/22-4	Lab	method blank	5/11/2022	Organic	Fluorene	n/a	<	0.35	µg/L	EPA 625.1	0.35	1			
2021/22-4	Lab	method blank	5/13/2022	Organic	Fluorene	n/a	<	0.029	µg/L	EPA 8270C	0.029	0.1			
2021/22-4	Lab	LCS	5/13/2022	Organic	Fluorene	n/a	=	16.9	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	
2021/22-4	Lab	LCS, rec	5/13/2022	Organic	Fluorene	n/a	=	85	%	EPA 8270C	-88	-88	19	122	
2021/22-4	Lab	LCS	5/31/2022	Organic	Fluorene	n/a	=	16.7	µg/L	EPA 625.1	0.35	1			
2021/22-4	Lab	LCS, rec	5/31/2022	Organic	Fluorene	n/a	=	84	%	EPA 625.1	-88	-88	70	120	
2021/22-4	Lab	method blank	5/31/2022	Organic	Fluorene	n/a	<	0.35	µg/L	EPA 625.1	0.35	1			
2021/22-4	Lab	LCS	6/6/2022	Organic	Fluorene	n/a	=	17.7	µg/L	EPA 625.1	0.35	1			
2021/22-4	Lab	LCS, rec	6/6/2022	Organic	Fluorene	n/a	=	88	%	EPA 625.1	-88	-88	70	120	
2021/22-4	Lab	method blank	6/6/2022	Organic	Fluorene	n/a	<	0.35	µg/L	EPA 625.1	0.35	1			
2021/22-4	Lab	LCS	6/11/2022	Organic	Fluorene	n/a	=	15.7	µg/L	EPA 625.1	0.35	1			
2021/22-4	Lab	LCS, rec	6/11/2022	Organic	Fluorene	n/a	=	79	%	EPA 625.1	-88	-88	70	120	
2021/22-4	Lab	LCS dup	6/11/2022	Organic	Fluorene	n/a	=	16.4	µg/L	EPA 625.1	0.35	1			
2021/22-4	Lab	LCS dup, rec	6/11/2022	Organic	Fluorene	n/a	=	82	%	EPA 625.1	-88	-88	70	120	
2021/22-4	Lab	LCS, RPD	6/11/2022	Organic	Fluorene	n/a	=	4	%	EPA 625.1	-88	-88	0	30	
2021/22-4	Lab	method blank	6/11/2022	Organic	Fluorene	n/a	<	0.35	µg/L	EPA 625.1	0.35	1			
2021/22-4	Lab	method blank	6/25/2022	Organic	Fluorene	n/a	<	0.029	µg/L	EPA 8270C	0.029	0.1			
2021/22-4	Lab	LCS	6/25/2022	Organic	Fluorene	n/a	=	16.6	µg/L	EPA 8270C	0.029	0.1			
2021/22-4	Lab	LCS, rec	6/25/2022	Organic	Fluorene	n/a	=	83	%	EPA 8270C	-88	-88	19	122	
2021/22-4	ME-VR2	matrix spike	5/11/2022	Organic	Fluorene	n/a	=	18.8	µg/L	EPA 625.1	0.35	1			
2021/22-4	ME-VR2	matrix spike, rec	5/11/2022	Organic	Fluorene	n/a	=	94	%	EPA 625.1	-88	-88	59	121	
2021/22-4	ME-VR2	matrix spike dup	5/11/2022	Organic	Fluorene	n/a	=	17.5	µg/L	EPA 625.1	0.35	1			
2021/22-4	ME-VR2	matrix spike dup, rec	5/11/2022	Organic	Fluorene	n/a	=	86	%	EPA 625.1	-88	-88	59	121	
2021/22-4	ME-VR2	matrix spike, RPD	5/11/2022	Organic	Fluorene	n/a	=	7	%	EPA 625.1	-88	-88	0	30	
2021/22-4	ME-VR2	matrix spike	5/13/2022	Organic	Fluorene	n/a	=	16.1	µg/L	EPA 8270C	0.029	0.1			
2021/22-4	ME-VR2	matrix spike, rec	5/13/2022	Organic	Fluorene	n/a	=	80	%	EPA 8270C	-88	-88	22	124	
2021/22-4	ME-VR2	matrix spike dup	5/14/2022	Organic	Fluorene	n/a	=	16.3	µg/L	EPA 8270C	0.029	0.1			
2021/22-4	ME-VR2	matrix spike dup, rec	5/14/2022	Organic	Fluorene	n/a	=	80	%	EPA 8270C	-88	-88	22	124	
2021/22-4	ME-VR2	matrix spike, RPD	5/14/2022	Organic	Fluorene	n/a	=	1	%	EPA 8270C	-88	-88	0	30	
2021/22-4	MO-THO	matrix spike	5/31/2022	Organic	Fluorene	n/a	=	18	µg/L	EPA 625.1	0.35	1			
2021/22-4	MO-THO	matrix spike, rec	5/31/2022	Organic	Fluorene	n/a	=	95	%	EPA 625.1	-88	-88	59	121	
2021/22-4	MO-THO	matrix spike dup	5/31/2022	Organic	Fluorene	n/a	=	18.3	µg/L	EPA 625.1	0.35	1			
2021/22-4	MO-THO	matrix spike dup, rec	5/31/2022	Organic	Fluorene	n/a	=	97	%	EPA 625.1	-88	-88	59	121	
2021/22-4	MO-THO	matrix spike, RPD	5/31/2022	Organic	Fluorene	n/a	=	2	%	EPA 625.1	-88	-88	0	30	
2021/22-4	MO-THO	matrix spike	6/25/2022	Organic	Fluorene	n/a	=	15.8	µg/L	EPA 8270C	0.029	0.1			
2021/22-4	MO-THO	matrix spike, rec	6/25/2022	Organic	Fluorene	n/a	=	83	%	EPA 8270C	-88	-88	22	124	
2021/22-4	MO-THO	matrix spike dup	6/25/2022	Organic	Fluorene	n/a	=	15.7	µg/L	EPA 8270C	0.029	0.1			
2021/22-4	MO-THO	matrix spike dup, rec	6/25/2022	Organic	Fluorene	n/a	=	83	%	EPA 8270C	-88	-88	22	124	
2021/22-4	MO-THO	matrix spike, RPD	6/25/2022	Organic	Fluorene	n/a	=	0.6	%	EPA 8270C	-88	-88	0	30	
2021/22-4	000NONPJ	matrix spike	6/6/2022	Organic	Hexachlorobenzene	n/a	=	19.8	µg/L	EPA 625.1	0.49	1			
2021/22-4	000NONPJ	matrix spike, rec	6/6/2022	Organic	Hexachlorobenzene	n/a	=	98	%	EPA 625.1	-88	-88	0.1	152	
2021/22-4	000NONPJ	matrix spike dup	6/6/2022	Organic	Hexachlorobenzene	n/a	=	20.1	µg/L	EPA 625.1	0.49	1			
2021/22-4	000NONPJ	matrix spike dup, rec	6/6/2022	Organic	Hexachlorobenzene	n/a	=	100	%	EPA 625.1	-88	-88	0.1	152	
2021/22-4	000NONPJ	matrix spike, RPD	6/6/2022	Organic	Hexachlorobenzene	n/a	=	2	%	EPA 625.1	-88	-88	0	30	
2021/22-4	Lab	LCS	5/11/2022	Organic	Hexachlorobenzene	n/a	=	17.1	µg/L	EPA 625.1	0.49	1			
2021/22-4	Lab	LCS, rec	5/11/2022	Organic	Hexachlorobenzene	n/a	=	86	%	EPA 625.1	-88	-88	8	142	
2021/22-4	Lab	method blank	5/11/2022	Organic	Hexachlorobenzene	n/a	<	0.49	µg/L	EPA 625.1	0.49	1			
2021/22-4	Lab	LCS	5/31/2022	Organic	Hexachlorobenzene	n/a	=	18.2	µg/L	EPA 625.1	0.49	1			
2021/22-4	Lab	LCS, rec	5/31/2022	Organic	Hexachlorobenzene	n/a	=	91	%	EPA 625.1	-88	-88	8	142	
2021/22-4	Lab	method blank	5/31/2022	Organic	Hexachlorobenzene	n/a	<	0.49	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	
2021/22-4	Lab	LCS	6/6/2022	Organic	Hexachlorobenzene	n/a	=	17.7	µg/L	EPA 625.1	0.49	1			
2021/22-4	Lab	LCS, rec	6/6/2022	Organic	Hexachlorobenzene	n/a	=	88	%	EPA 625.1	-88	-88	8	142	
2021/22-4	Lab	method blank	6/6/2022	Organic	Hexachlorobenzene	n/a	<	0.49	µg/L	EPA 625.1	0.49	1			
2021/22-4	Lab	LCS	6/11/2022	Organic	Hexachlorobenzene	n/a	=	16.3	µg/L	EPA 625.1	0.49	1			
2021/22-4	Lab	LCS, rec	6/11/2022	Organic	Hexachlorobenzene	n/a	=	81	%	EPA 625.1	-88	-88	8	142	
2021/22-4	Lab	LCS dup	6/11/2022	Organic	Hexachlorobenzene	n/a	=	16.5	µg/L	EPA 625.1	0.49	1			
2021/22-4	Lab	LCS dup, rec	6/11/2022	Organic	Hexachlorobenzene	n/a	=	83	%	EPA 625.1	-88	-88	8	142	
2021/22-4	Lab	LCS, RPD	6/11/2022	Organic	Hexachlorobenzene	n/a	=	2	%	EPA 625.1	-88	-88	0	30	
2021/22-4	Lab	method blank	6/11/2022	Organic	Hexachlorobenzene	n/a	<	0.49	µg/L	EPA 625.1	0.49	1			
2021/22-4	ME-VR2	matrix spike	5/11/2022	Organic	Hexachlorobenzene	n/a	=	18.2	µg/L	EPA 625.1	0.49	1			
2021/22-4	ME-VR2	matrix spike, rec	5/11/2022	Organic	Hexachlorobenzene	n/a	=	91	%	EPA 625.1	-88	-88	0.1	152	
2021/22-4	ME-VR2	matrix spike dup	5/11/2022	Organic	Hexachlorobenzene	n/a	=	16.5	µg/L	EPA 625.1	0.49	1			
2021/22-4	ME-VR2	matrix spike dup, rec	5/11/2022	Organic	Hexachlorobenzene	n/a	=	81	%	EPA 625.1	-88	-88	0.1	152	
2021/22-4	ME-VR2	matrix spike, RPD	5/11/2022	Organic	Hexachlorobenzene	n/a	=	10	%	EPA 625.1	-88	-88	0	30	
2021/22-4	MO-THO	matrix spike	5/31/2022	Organic	Hexachlorobenzene	n/a	=	19	µg/L	EPA 625.1	0.49	1			
2021/22-4	MO-THO	matrix spike, rec	5/31/2022	Organic	Hexachlorobenzene	n/a	=	100	%	EPA 625.1	-88	-88	0.1	152	
2021/22-4	MO-THO	matrix spike dup	5/31/2022	Organic	Hexachlorobenzene	n/a	=	19.6	µg/L	EPA 625.1	0.49	1			
2021/22-4	MO-THO	matrix spike dup, rec	5/31/2022	Organic	Hexachlorobenzene	n/a	=	104	%	EPA 625.1	-88	-88	0.1	152	
2021/22-4	MO-THO	matrix spike, RPD	5/31/2022	Organic	Hexachlorobenzene	n/a	=	3	%	EPA 625.1	-88	-88	0	30	
2021/22-4	000NONPJ	matrix spike	6/6/2022	Organic	Hexachlorobutadiene	n/a	=	19.1	µg/L	EPA 625.1	0.47	1			
2021/22-4	000NONPJ	matrix spike, rec	6/6/2022	Organic	Hexachlorobutadiene	n/a	=	95	%	EPA 625.1	-88	-88	24	120	
2021/22-4	000NONPJ	matrix spike dup	6/6/2022	Organic	Hexachlorobutadiene	n/a	=	19.6	µg/L	EPA 625.1	0.47	1			
2021/22-4	000NONPJ	matrix spike dup, rec	6/6/2022	Organic	Hexachlorobutadiene	n/a	=	97	%	EPA 625.1	-88	-88	24	120	
2021/22-4	000NONPJ	matrix spike, RPD	6/6/2022	Organic	Hexachlorobutadiene	n/a	=	3	%	EPA 625.1	-88	-88	0	30	
2021/22-4	Lab	LCS	5/11/2022	Organic	Hexachlorobutadiene	n/a	=	18.8	µg/L	EPA 625.1	0.47	1			
2021/22-4	Lab	LCS, rec	5/11/2022	Organic	Hexachlorobutadiene	n/a	=	94	%	EPA 625.1	-88	-88	38	120	
2021/22-4	Lab	method blank	5/11/2022	Organic	Hexachlorobutadiene	n/a	<	0.47	µg/L	EPA 625.1	0.47	1			
2021/22-4	Lab	LCS	5/31/2022	Organic	Hexachlorobutadiene	n/a	=	19.2	µg/L	EPA 625.1	0.47	1			
2021/22-4	Lab	LCS, rec	5/31/2022	Organic	Hexachlorobutadiene	n/a	=	96	%	EPA 625.1	-88	-88	38	120	
2021/22-4	Lab	method blank	5/31/2022	Organic	Hexachlorobutadiene	n/a	<	0.47	µg/L	EPA 625.1	0.47	1			
2021/22-4	Lab	LCS	6/6/2022	Organic	Hexachlorobutadiene	n/a	=	18.9	µg/L	EPA 625.1	0.47	1			
2021/22-4	Lab	LCS, rec	6/6/2022	Organic	Hexachlorobutadiene	n/a	=	94	%	EPA 625.1	-88	-88	38	120	
2021/22-4	Lab	method blank	6/6/2022	Organic	Hexachlorobutadiene	n/a	<	0.47	µg/L	EPA 625.1	0.47	1			
2021/22-4	Lab	LCS	6/11/2022	Organic	Hexachlorobutadiene	n/a	=	15.2	µg/L	EPA 625.1	0.47	1			
2021/22-4	Lab	LCS, rec	6/11/2022	Organic	Hexachlorobutadiene	n/a	=	76	%	EPA 625.1	-88	-88	38	120	
2021/22-4	Lab	LCS dup	6/11/2022	Organic	Hexachlorobutadiene	n/a	=	15.8	µg/L	EPA 625.1	0.47	1			
2021/22-4	Lab	LCS dup, rec	6/11/2022	Organic	Hexachlorobutadiene	n/a	=	79	%	EPA 625.1	-88	-88	38	120	
2021/22-4	Lab	LCS, RPD	6/11/2022	Organic	Hexachlorobutadiene	n/a	=	4	%	EPA 625.1	-88	-88	0	30	
2021/22-4	Lab	method blank	6/11/2022	Organic	Hexachlorobutadiene	n/a	<	0.47	µg/L	EPA 625.1	0.47	1			
2021/22-4	ME-VR2	matrix spike	5/11/2022	Organic	Hexachlorobutadiene	n/a	=	18.8	µg/L	EPA 625.1	0.47	1			
2021/22-4	ME-VR2	matrix spike, rec	5/11/2022	Organic	Hexachlorobutadiene	n/a	=	94	%	EPA 625.1	-88	-88	24	120	
2021/22-4	ME-VR2	matrix spike dup	5/11/2022	Organic	Hexachlorobutadiene	n/a	=	18.6	µg/L	EPA 625.1	0.47	1			
2021/22-4	ME-VR2	matrix spike dup, rec	5/11/2022	Organic	Hexachlorobutadiene	n/a	=	91	%	EPA 625.1	-88	-88	24	120	
2021/22-4	ME-VR2	matrix spike, RPD	5/11/2022	Organic	Hexachlorobutadiene	n/a	=	1	%	EPA 625.1	-88	-88	0	30	
2021/22-4	MO-THO	matrix spike	5/31/2022	Organic	Hexachlorobutadiene	n/a	=	19.9	µg/L	EPA 625.1	0.47	1			
2021/22-4	MO-THO	matrix spike, rec	5/31/2022	Organic	Hexachlorobutadiene	n/a	=	105	%	EPA 625.1	-88	-88	24	120	
2021/22-4	MO-THO	matrix spike dup	5/31/2022	Organic	Hexachlorobutadiene	n/a	=	21.3	µg/L	EPA 625.1	0.47	1			

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2021/22-4	MO-THO	matrix spike dup, rec	5/31/2022	Organic	Hexachlorobutadiene	n/a	=	112	%	EPA 625.1	-88	-88	24	120	
2021/22-4	MO-THO	matrix spike, RPD	5/31/2022	Organic	Hexachlorobutadiene	n/a	=	7	%	EPA 625.1	-88	-88	0	30	
2021/22-4	000NONPJ	matrix spike	6/6/2022	Organic	Hexachlorocyclopentadiene	n/a	=	13.4	µg/L	EPA 625.1	0.31	5			
2021/22-4	000NONPJ	matrix spike, rec	6/6/2022	Organic	Hexachlorocyclopentadiene	n/a	=	66	%	EPA 625.1	-88	-88	10	120	
2021/22-4	000NONPJ	matrix spike dup	6/6/2022	Organic	Hexachlorocyclopentadiene	n/a	=	13.5	µg/L	EPA 625.1	0.31	5			
2021/22-4	000NONPJ	matrix spike dup, rec	6/6/2022	Organic	Hexachlorocyclopentadiene	n/a	=	67	%	EPA 625.1	-88	-88	10	120	
2021/22-4	000NONPJ	matrix spike, RPD	6/6/2022	Organic	Hexachlorocyclopentadiene	n/a	=	1	%	EPA 625.1	-88	-88	0	30	
2021/22-4	Lab	method blank	5/10/2022	Organic	Hexachlorocyclopentadiene	n/a	<	0.092	µg/L	EPA 525.2	0.092	1			
2021/22-4	Lab	LCS	5/10/2022	Organic	Hexachlorocyclopentadiene	n/a	=	1.99	µg/L	EPA 525.2	0.092	1			
2021/22-4	Lab	LCS, rec	5/10/2022	Organic	Hexachlorocyclopentadiene	n/a	=	80	%	EPA 525.2	-88	-88	33	106	
2021/22-4	Lab	LCS dup	5/10/2022	Organic	Hexachlorocyclopentadiene	n/a	=	2.14	µg/L	EPA 525.2	0.092	1			
2021/22-4	Lab	LCS dup, rec	5/10/2022	Organic	Hexachlorocyclopentadiene	n/a	=	85	%	EPA 525.2	-88	-88	33	106	
2021/22-4	Lab	LCS, RPD	5/10/2022	Organic	Hexachlorocyclopentadiene	n/a	=	7	%	EPA 525.2	-88	-88	0	30	
2021/22-4	Lab	LCS	5/11/2022	Organic	Hexachlorocyclopentadiene	n/a	=	12.8	µg/L	EPA 625.1	0.31	5			
2021/22-4	Lab	LCS, rec	5/11/2022	Organic	Hexachlorocyclopentadiene	n/a	=	64	%	EPA 625.1	-88	-88	10	120	
2021/22-4	Lab	method blank	5/11/2022	Organic	Hexachlorocyclopentadiene	n/a	<	0.31	µg/L	EPA 625.1	0.31	5			
2021/22-4	Lab	method blank	5/31/2022	Organic	Hexachlorocyclopentadiene	n/a	<	0.092	µg/L	EPA 525.2	0.092	1			
2021/22-4	Lab	LCS	5/31/2022	Organic	Hexachlorocyclopentadiene	n/a	=	1.7	µg/L	EPA 525.2	0.092	1			
2021/22-4	Lab	LCS, rec	5/31/2022	Organic	Hexachlorocyclopentadiene	n/a	=	68	%	EPA 525.2	-88	-88	33	106	
2021/22-4	Lab	LCS dup	5/31/2022	Organic	Hexachlorocyclopentadiene	n/a	=	1.17	µg/L	EPA 525.2	0.092	1			IL
2021/22-4	Lab	LCS dup, rec	5/31/2022	Organic	Hexachlorocyclopentadiene	n/a	=	47	%	EPA 525.2	-88	-88	33	106	IL
2021/22-4	Lab	LCS, RPD	5/31/2022	Organic	Hexachlorocyclopentadiene	n/a	=	37	%	EPA 525.2	-88	-88	0	30	IL
2021/22-4	Lab	LCS	5/31/2022	Organic	Hexachlorocyclopentadiene	n/a	=	12.1	µg/L	EPA 625.1	0.31	5			
2021/22-4	Lab	LCS, rec	5/31/2022	Organic	Hexachlorocyclopentadiene	n/a	=	60	%	EPA 625.1	-88	-88	10	120	
2021/22-4	Lab	method blank	5/31/2022	Organic	Hexachlorocyclopentadiene	n/a	<	0.31	µg/L	EPA 625.1	0.31	5			
2021/22-4	Lab	method blank	6/2/2022	Organic	Hexachlorocyclopentadiene	n/a	<	0.092	µg/L	EPA 525.2	0.092	1			
2021/22-4	Lab	LCS	6/2/2022	Organic	Hexachlorocyclopentadiene	n/a	=	1.86	µg/L	EPA 525.2	0.092	1			
2021/22-4	Lab	LCS, rec	6/2/2022	Organic	Hexachlorocyclopentadiene	n/a	=	74	%	EPA 525.2	-88	-88	33	106	
2021/22-4	Lab	LCS dup	6/2/2022	Organic	Hexachlorocyclopentadiene	n/a	=	1.78	µg/L	EPA 525.2	0.092	1			
2021/22-4	Lab	LCS dup, rec	6/2/2022	Organic	Hexachlorocyclopentadiene	n/a	=	71	%	EPA 525.2	-88	-88	33	106	
2021/22-4	Lab	LCS, RPD	6/2/2022	Organic	Hexachlorocyclopentadiene	n/a	=	4	%	EPA 525.2	-88	-88	0	30	
2021/22-4	Lab	LCS	6/6/2022	Organic	Hexachlorocyclopentadiene	n/a	=	13.1	µg/L	EPA 625.1	0.31	5			
2021/22-4	Lab	LCS, rec	6/6/2022	Organic	Hexachlorocyclopentadiene	n/a	=	65	%	EPA 625.1	-88	-88	10	120	
2021/22-4	Lab	method blank	6/6/2022	Organic	Hexachlorocyclopentadiene	n/a	<	0.31	µg/L	EPA 625.1	0.31	5			
2021/22-4	Lab	LCS	6/11/2022	Organic	Hexachlorocyclopentadiene	n/a	=	7.74	µg/L	EPA 625.1	0.31	5			
2021/22-4	Lab	LCS, rec	6/11/2022	Organic	Hexachlorocyclopentadiene	n/a	=	39	%	EPA 625.1	-88	-88	10	120	
2021/22-4	Lab	LCS dup	6/11/2022	Organic	Hexachlorocyclopentadiene	n/a	=	8.54	µg/L	EPA 625.1	0.31	5			
2021/22-4	Lab	LCS dup, rec	6/11/2022	Organic	Hexachlorocyclopentadiene	n/a	=	43	%	EPA 625.1	-88	-88	10	120	
2021/22-4	Lab	LCS, RPD	6/11/2022	Organic	Hexachlorocyclopentadiene	n/a	=	10	%	EPA 625.1	-88	-88	0	30	
2021/22-4	Lab	method blank	6/11/2022	Organic	Hexachlorocyclopentadiene	n/a	<	0.31	µg/L	EPA 625.1	0.31	5			
2021/22-4	ME-VR2	matrix spike	5/11/2022	Organic	Hexachlorocyclopentadiene	n/a	=	12.8	µg/L	EPA 625.1	0.31	5			
2021/22-4	ME-VR2	matrix spike, rec	5/11/2022	Organic	Hexachlorocyclopentadiene	n/a	=	64	%	EPA 625.1	-88	-88	10	120	
2021/22-4	ME-VR2	matrix spike dup	5/11/2022	Organic	Hexachlorocyclopentadiene	n/a	=	13.3	µg/L	EPA 625.1	0.31	5			
2021/22-4	ME-VR2	matrix spike dup, rec	5/11/2022	Organic	Hexachlorocyclopentadiene	n/a	=	66	%	EPA 625.1	-88	-88	10	120	
2021/22-4	ME-VR2	matrix spike, RPD	5/11/2022	Organic	Hexachlorocyclopentadiene	n/a	=	4	%	EPA 625.1	-88	-88	0	30	
2021/22-4	MO-THO	matrix spike	5/31/2022	Organic	Hexachlorocyclopentadiene	n/a	=	11.9	µg/L	EPA 625.1	0.31	5			
2021/22-4	MO-THO	matrix spike, rec	5/31/2022	Organic	Hexachlorocyclopentadiene	n/a	=	63	%	EPA 625.1	-88	-88	10	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	
2021/22-4	MO-THO	matrix spike dup	5/31/2022	Organic	Hexachlorocyclopentadiene	n/a	=	12.6	µg/L	EPA 625.1	0.31	5			
2021/22-4	MO-THO	matrix spike dup, rec	5/31/2022	Organic	Hexachlorocyclopentadiene	n/a	=	67	%	EPA 625.1	-88	-88	10	120	
2021/22-4	MO-THO	matrix spike, RPD	5/31/2022	Organic	Hexachlorocyclopentadiene	n/a	=	6	%	EPA 625.1	-88	-88	0	30	
2021/22-4	000NONPJ	matrix spike	6/6/2022	Organic	Hexachloroethane	n/a	=	16.8	µg/L	EPA 625.1	0.5	1			
2021/22-4	000NONPJ	matrix spike, rec	6/6/2022	Organic	Hexachloroethane	n/a	=	83	%	EPA 625.1	-88	-88	40	120	
2021/22-4	000NONPJ	matrix spike dup	6/6/2022	Organic	Hexachloroethane	n/a	=	17.2	µg/L	EPA 625.1	0.5	1			
2021/22-4	000NONPJ	matrix spike dup, rec	6/6/2022	Organic	Hexachloroethane	n/a	=	85	%	EPA 625.1	-88	-88	40	120	
2021/22-4	000NONPJ	matrix spike, RPD	6/6/2022	Organic	Hexachloroethane	n/a	=	2	%	EPA 625.1	-88	-88	0	30	
2021/22-4	Lab	LCS	5/11/2022	Organic	Hexachloroethane	n/a	=	18.5	µg/L	EPA 625.1	0.5	1			
2021/22-4	Lab	LCS, rec	5/11/2022	Organic	Hexachloroethane	n/a	=	93	%	EPA 625.1	-88	-88	55	120	
2021/22-4	Lab	method blank	5/11/2022	Organic	Hexachloroethane	n/a	<	0.5	µg/L	EPA 625.1	0.5	1			
2021/22-4	Lab	LCS	5/31/2022	Organic	Hexachloroethane	n/a	=	14.9	µg/L	EPA 625.1	0.5	1			
2021/22-4	Lab	LCS, rec	5/31/2022	Organic	Hexachloroethane	n/a	=	74	%	EPA 625.1	-88	-88	55	120	
2021/22-4	Lab	method blank	5/31/2022	Organic	Hexachloroethane	n/a	<	0.5	µg/L	EPA 625.1	0.5	1			
2021/22-4	Lab	LCS	6/6/2022	Organic	Hexachloroethane	n/a	=	17	µg/L	EPA 625.1	0.5	1			
2021/22-4	Lab	LCS, rec	6/6/2022	Organic	Hexachloroethane	n/a	=	85	%	EPA 625.1	-88	-88	55	120	
2021/22-4	Lab	method blank	6/6/2022	Organic	Hexachloroethane	n/a	<	0.5	µg/L	EPA 625.1	0.5	1			
2021/22-4	Lab	LCS	6/11/2022	Organic	Hexachloroethane	n/a	=	13.5	µg/L	EPA 625.1	0.5	1			
2021/22-4	Lab	LCS, rec	6/11/2022	Organic	Hexachloroethane	n/a	=	67	%	EPA 625.1	-88	-88	55	120	
2021/22-4	Lab	LCS dup	6/11/2022	Organic	Hexachloroethane	n/a	=	14.7	µg/L	EPA 625.1	0.5	1			
2021/22-4	Lab	LCS dup, rec	6/11/2022	Organic	Hexachloroethane	n/a	=	74	%	EPA 625.1	-88	-88	55	120	
2021/22-4	Lab	LCS, RPD	6/11/2022	Organic	Hexachloroethane	n/a	=	9	%	EPA 625.1	-88	-88	0	30	
2021/22-4	Lab	method blank	6/11/2022	Organic	Hexachloroethane	n/a	<	0.5	µg/L	EPA 625.1	0.5	1			
2021/22-4	ME-VR2	matrix spike	5/11/2022	Organic	Hexachloroethane	n/a	=	17.7	µg/L	EPA 625.1	0.5	1			
2021/22-4	ME-VR2	matrix spike, rec	5/11/2022	Organic	Hexachloroethane	n/a	=	88	%	EPA 625.1	-88	-88	40	120	
2021/22-4	ME-VR2	matrix spike dup	5/11/2022	Organic	Hexachloroethane	n/a	=	17.1	µg/L	EPA 625.1	0.5	1			
2021/22-4	ME-VR2	matrix spike dup, rec	5/11/2022	Organic	Hexachloroethane	n/a	=	84	%	EPA 625.1	-88	-88	40	120	
2021/22-4	ME-VR2	matrix spike, RPD	5/11/2022	Organic	Hexachloroethane	n/a	=	3	%	EPA 625.1	-88	-88	0	30	
2021/22-4	MO-THO	matrix spike	5/31/2022	Organic	Hexachloroethane	n/a	=	16.5	µg/L	EPA 625.1	0.5	1			
2021/22-4	MO-THO	matrix spike, rec	5/31/2022	Organic	Hexachloroethane	n/a	=	87	%	EPA 625.1	-88	-88	40	120	
2021/22-4	MO-THO	matrix spike dup	5/31/2022	Organic	Hexachloroethane	n/a	=	17.2	µg/L	EPA 625.1	0.5	1			
2021/22-4	MO-THO	matrix spike dup, rec	5/31/2022	Organic	Hexachloroethane	n/a	=	91	%	EPA 625.1	-88	-88	40	120	
2021/22-4	MO-THO	matrix spike, RPD	5/31/2022	Organic	Hexachloroethane	n/a	=	4	%	EPA 625.1	-88	-88	0	30	
2021/22-4	000NONPJ	matrix spike	6/6/2022	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	19.5	µg/L	EPA 625.1	0.25	2			
2021/22-4	000NONPJ	matrix spike, rec	6/6/2022	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	97	%	EPA 625.1	-88	-88	0.1	171	
2021/22-4	000NONPJ	matrix spike dup	6/6/2022	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	20.6	µg/L	EPA 625.1	0.25	2			
2021/22-4	000NONPJ	matrix spike dup, rec	6/6/2022	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	103	%	EPA 625.1	-88	-88	0.1	171	
2021/22-4	000NONPJ	matrix spike, RPD	6/6/2022	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	6	%	EPA 625.1	-88	-88	0	30	
2021/22-4	Lab	LCS	5/11/2022	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	20.4	µg/L	EPA 625.1	0.25	2			
2021/22-4	Lab	LCS, rec	5/11/2022	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	102	%	EPA 625.1	-88	-88	0.1	151	
2021/22-4	Lab	method blank	5/11/2022	Organic	Indeno(1,2,3-cd)pyrene	n/a	<	0.25	µg/L	EPA 625.1	0.25	2			
2021/22-4	Lab	method blank	5/13/2022	Organic	Indeno(1,2,3-cd)pyrene	n/a	<	0.065	µg/L	EPA 8270C	0.065	0.1			
2021/22-4	Lab	LCS	5/13/2022	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	13.8	µg/L	EPA 8270C	0.065	0.1			
2021/22-4	Lab	LCS, rec	5/13/2022	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	69	%	EPA 8270C	-88	-88	12	136	
2021/22-4	Lab	LCS	5/31/2022	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	21.1	µg/L	EPA 625.1	0.25	2			
2021/22-4	Lab	LCS, rec	5/31/2022	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	106	%	EPA 625.1	-88	-88	0.1	151	
2021/22-4	Lab	method blank	5/31/2022	Organic	Indeno(1,2,3-cd)pyrene	n/a	<	0.25	µg/L	EPA 625.1	0.25	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	
2021/22-4	Lab	LCS	6/6/2022	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	18.4	µg/L	EPA 625.1	0.25	2			
2021/22-4	Lab	LCS, rec	6/6/2022	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	92	%	EPA 625.1	-88	-88	0.1	151	
2021/22-4	Lab	method blank	6/6/2022	Organic	Indeno(1,2,3-cd)pyrene	n/a	<	0.25	µg/L	EPA 625.1	0.25	2			
2021/22-4	Lab	LCS	6/11/2022	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	17.4	µg/L	EPA 625.1	0.25	2			
2021/22-4	Lab	LCS, rec	6/11/2022	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	87	%	EPA 625.1	-88	-88	0.1	151	
2021/22-4	Lab	LCS dup	6/11/2022	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	17.8	µg/L	EPA 625.1	0.25	2			
2021/22-4	Lab	LCS dup, rec	6/11/2022	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	89	%	EPA 625.1	-88	-88	0.1	151	
2021/22-4	Lab	LCS, RPD	6/11/2022	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	2	%	EPA 625.1	-88	-88	0	30	
2021/22-4	Lab	method blank	6/11/2022	Organic	Indeno(1,2,3-cd)pyrene	n/a	<	0.25	µg/L	EPA 625.1	0.25	2			
2021/22-4	Lab	method blank	6/25/2022	Organic	Indeno(1,2,3-cd)pyrene	n/a	<	0.065	µg/L	EPA 8270C	0.065	0.1			
2021/22-4	Lab	LCS	6/25/2022	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	14	µg/L	EPA 8270C	0.065	0.1			
2021/22-4	Lab	LCS, rec	6/25/2022	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	70	%	EPA 8270C	-88	-88	12	136	
2021/22-4	ME-VR2	matrix spike	5/11/2022	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	21	µg/L	EPA 625.1	0.25	2			
2021/22-4	ME-VR2	matrix spike, rec	5/11/2022	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	105	%	EPA 625.1	-88	-88	0.1	171	
2021/22-4	ME-VR2	matrix spike dup	5/11/2022	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	19.8	µg/L	EPA 625.1	0.25	2			
2021/22-4	ME-VR2	matrix spike dup, rec	5/11/2022	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	98	%	EPA 625.1	-88	-88	0.1	171	
2021/22-4	ME-VR2	matrix spike, RPD	5/11/2022	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	6	%	EPA 625.1	-88	-88	0	30	
2021/22-4	ME-VR2	matrix spike	5/13/2022	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	13.6	µg/L	EPA 8270C	0.065	0.1			
2021/22-4	ME-VR2	matrix spike, rec	5/13/2022	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	68	%	EPA 8270C	-88	-88	16	127	
2021/22-4	ME-VR2	matrix spike dup	5/14/2022	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	13.3	µg/L	EPA 8270C	0.065	0.1			
2021/22-4	ME-VR2	matrix spike dup, rec	5/14/2022	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	65	%	EPA 8270C	-88	-88	16	127	
2021/22-4	ME-VR2	matrix spike, RPD	5/14/2022	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	2	%	EPA 8270C	-88	-88	0	30	
2021/22-4	MO-THO	matrix spike	5/31/2022	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	21.7	µg/L	EPA 625.1	0.25	2			
2021/22-4	MO-THO	matrix spike, rec	5/31/2022	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	115	%	EPA 625.1	-88	-88	0.1	171	
2021/22-4	MO-THO	matrix spike dup	5/31/2022	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	22.3	µg/L	EPA 625.1	0.25	2			
2021/22-4	MO-THO	matrix spike dup, rec	5/31/2022	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	118	%	EPA 625.1	-88	-88	0.1	171	
2021/22-4	MO-THO	matrix spike, RPD	5/31/2022	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	2	%	EPA 625.1	-88	-88	0	30	
2021/22-4	MO-THO	matrix spike	6/25/2022	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	13.3	µg/L	EPA 8270C	0.065	0.1			
2021/22-4	MO-THO	matrix spike, rec	6/25/2022	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	70	%	EPA 8270C	-88	-88	16	127	
2021/22-4	MO-THO	matrix spike dup	6/25/2022	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	13.2	µg/L	EPA 8270C	0.065	0.1			
2021/22-4	MO-THO	matrix spike dup, rec	6/25/2022	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	70	%	EPA 8270C	-88	-88	16	127	
2021/22-4	MO-THO	matrix spike, RPD	6/25/2022	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	0.7	%	EPA 8270C	-88	-88	0	30	
2021/22-4	000NONPJ	matrix spike	6/6/2022	Organic	Isophorone	n/a	=	15.1	µg/L	EPA 625.1	0.21	1			
2021/22-4	000NONPJ	matrix spike, rec	6/6/2022	Organic	Isophorone	n/a	=	75	%	EPA 625.1	-88	-88	21	196	
2021/22-4	000NONPJ	matrix spike dup	6/6/2022	Organic	Isophorone	n/a	=	14.9	µg/L	EPA 625.1	0.21	1			
2021/22-4	000NONPJ	matrix spike dup, rec	6/6/2022	Organic	Isophorone	n/a	=	74	%	EPA 625.1	-88	-88	21	196	
2021/22-4	000NONPJ	matrix spike, RPD	6/6/2022	Organic	Isophorone	n/a	=	1	%	EPA 625.1	-88	-88	0	30	
2021/22-4	Lab	LCS	5/11/2022	Organic	Isophorone	n/a	=	16.6	µg/L	EPA 625.1	0.21	1			
2021/22-4	Lab	LCS, rec	5/11/2022	Organic	Isophorone	n/a	=	83	%	EPA 625.1	-88	-88	47	180	
2021/22-4	Lab	method blank	5/11/2022	Organic	Isophorone	n/a	<	0.21	µg/L	EPA 625.1	0.21	1			
2021/22-4	Lab	LCS	5/31/2022	Organic	Isophorone	n/a	=	13.7	µg/L	EPA 625.1	0.21	1			
2021/22-4	Lab	LCS, rec	5/31/2022	Organic	Isophorone	n/a	=	69	%	EPA 625.1	-88	-88	47	180	
2021/22-4	Lab	method blank	5/31/2022	Organic	Isophorone	n/a	<	0.21	µg/L	EPA 625.1	0.21	1			
2021/22-4	Lab	LCS	6/6/2022	Organic	Isophorone	n/a	=	14.9	µg/L	EPA 625.1	0.21	1			
2021/22-4	Lab	LCS, rec	6/6/2022	Organic	Isophorone	n/a	=	75	%	EPA 625.1	-88	-88	47	180	
2021/22-4	Lab	method blank	6/6/2022	Organic	Isophorone	n/a	<	0.21	µg/L	EPA 625.1	0.21	1			
2021/22-4	Lab	LCS	6/11/2022	Organic	Isophorone	n/a	=	13.9	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	
2021/22-4	Lab	LCS, rec	6/11/2022	Organic	Isophorone	n/a	=	70	%	EPA 625.1	-88	-88	47	180	
2021/22-4	Lab	LCS dup	6/11/2022	Organic	Isophorone	n/a	=	14.4	µg/L	EPA 625.1	0.21	1			
2021/22-4	Lab	LCS dup, rec	6/11/2022	Organic	Isophorone	n/a	=	72	%	EPA 625.1	-88	-88	47	180	
2021/22-4	Lab	LCS, RPD	6/11/2022	Organic	Isophorone	n/a	=	3	%	EPA 625.1	-88	-88	0	30	
2021/22-4	Lab	method blank	6/11/2022	Organic	Isophorone	n/a	<	0.21	µg/L	EPA 625.1	0.21	1			
2021/22-4	ME-VR2	matrix spike	5/11/2022	Organic	Isophorone	n/a	=	16.8	µg/L	EPA 625.1	0.21	1			
2021/22-4	ME-VR2	matrix spike, rec	5/11/2022	Organic	Isophorone	n/a	=	84	%	EPA 625.1	-88	-88	21	196	
2021/22-4	ME-VR2	matrix spike dup	5/11/2022	Organic	Isophorone	n/a	=	15.9	µg/L	EPA 625.1	0.21	1			
2021/22-4	ME-VR2	matrix spike dup, rec	5/11/2022	Organic	Isophorone	n/a	=	78	%	EPA 625.1	-88	-88	21	196	
2021/22-4	ME-VR2	matrix spike, RPD	5/11/2022	Organic	Isophorone	n/a	=	5	%	EPA 625.1	-88	-88	0	30	
2021/22-4	MO-THO	matrix spike	5/31/2022	Organic	Isophorone	n/a	=	14.2	µg/L	EPA 625.1	0.21	1			
2021/22-4	MO-THO	matrix spike, rec	5/31/2022	Organic	Isophorone	n/a	=	75	%	EPA 625.1	-88	-88	21	196	
2021/22-4	MO-THO	matrix spike dup	5/31/2022	Organic	Isophorone	n/a	=	14.9	µg/L	EPA 625.1	0.21	1			
2021/22-4	MO-THO	matrix spike dup, rec	5/31/2022	Organic	Isophorone	n/a	=	79	%	EPA 625.1	-88	-88	21	196	
2021/22-4	MO-THO	matrix spike, RPD	5/31/2022	Organic	Isophorone	n/a	=	5	%	EPA 625.1	-88	-88	0	30	
2021/22-4	000NONPJ	matrix spike	6/6/2022	Organic	Naphthalene	n/a	=	16.8	µg/L	EPA 625.1	0.49	1			
2021/22-4	000NONPJ	matrix spike, rec	6/6/2022	Organic	Naphthalene	n/a	=	83	%	EPA 625.1	-88	-88	21	133	
2021/22-4	000NONPJ	matrix spike dup	6/6/2022	Organic	Naphthalene	n/a	=	17.6	µg/L	EPA 625.1	0.49	1			
2021/22-4	000NONPJ	matrix spike dup, rec	6/6/2022	Organic	Naphthalene	n/a	=	87	%	EPA 625.1	-88	-88	21	133	
2021/22-4	000NONPJ	matrix spike, RPD	6/6/2022	Organic	Naphthalene	n/a	=	5	%	EPA 625.1	-88	-88	0	30	
2021/22-4	Lab	LCS	5/11/2022	Organic	Naphthalene	n/a	=	17.3	µg/L	EPA 625.1	0.49	1			
2021/22-4	Lab	LCS, rec	5/11/2022	Organic	Naphthalene	n/a	=	87	%	EPA 625.1	-88	-88	36	120	
2021/22-4	Lab	method blank	5/11/2022	Organic	Naphthalene	n/a	<	0.49	µg/L	EPA 625.1	0.49	1			
2021/22-4	Lab	method blank	5/13/2022	Organic	Naphthalene	n/a	<	0.026	µg/L	EPA 8270C	0.026	0.1			
2021/22-4	Lab	LCS	5/13/2022	Organic	Naphthalene	n/a	=	16.2	µg/L	EPA 8270C	0.026	0.1			
2021/22-4	Lab	LCS, rec	5/13/2022	Organic	Naphthalene	n/a	=	81	%	EPA 8270C	-88	-88	12	136	
2021/22-4	Lab	LCS	5/31/2022	Organic	Naphthalene	n/a	=	17.1	µg/L	EPA 625.1	0.49	1			
2021/22-4	Lab	LCS, rec	5/31/2022	Organic	Naphthalene	n/a	=	86	%	EPA 625.1	-88	-88	36	120	
2021/22-4	Lab	method blank	5/31/2022	Organic	Naphthalene	n/a	<	0.49	µg/L	EPA 625.1	0.49	1			
2021/22-4	Lab	LCS	6/6/2022	Organic	Naphthalene	n/a	=	17.3	µg/L	EPA 625.1	0.49	1			
2021/22-4	Lab	LCS, rec	6/6/2022	Organic	Naphthalene	n/a	=	86	%	EPA 625.1	-88	-88	36	120	
2021/22-4	Lab	method blank	6/6/2022	Organic	Naphthalene	n/a	<	0.49	µg/L	EPA 625.1	0.49	1			
2021/22-4	Lab	LCS	6/11/2022	Organic	Naphthalene	n/a	=	15.9	µg/L	EPA 625.1	0.49	1			
2021/22-4	Lab	LCS, rec	6/11/2022	Organic	Naphthalene	n/a	=	80	%	EPA 625.1	-88	-88	36	120	
2021/22-4	Lab	LCS dup	6/11/2022	Organic	Naphthalene	n/a	=	16.6	µg/L	EPA 625.1	0.49	1			
2021/22-4	Lab	LCS dup, rec	6/11/2022	Organic	Naphthalene	n/a	=	83	%	EPA 625.1	-88	-88	36	120	
2021/22-4	Lab	LCS, RPD	6/11/2022	Organic	Naphthalene	n/a	=	4	%	EPA 625.1	-88	-88	0	30	
2021/22-4	Lab	method blank	6/11/2022	Organic	Naphthalene	n/a	<	0.49	µg/L	EPA 625.1	0.49	1			
2021/22-4	Lab	method blank	6/25/2022	Organic	Naphthalene	n/a	<	0.026	µg/L	EPA 8270C	0.026	0.1			
2021/22-4	Lab	LCS	6/25/2022	Organic	Naphthalene	n/a	=	15.1	µg/L	EPA 8270C	0.026	0.1			
2021/22-4	Lab	LCS, rec	6/25/2022	Organic	Naphthalene	n/a	=	75	%	EPA 8270C	-88	-88	12	136	
2021/22-4	ME-VR2	matrix spike	5/11/2022	Organic	Naphthalene	n/a	=	17.5	µg/L	EPA 625.1	0.49	1			
2021/22-4	ME-VR2	matrix spike, rec	5/11/2022	Organic	Naphthalene	n/a	=	87	%	EPA 625.1	-88	-88	21	133	
2021/22-4	ME-VR2	matrix spike dup	5/11/2022	Organic	Naphthalene	n/a	=	17.5	µg/L	EPA 625.1	0.49	1			
2021/22-4	ME-VR2	matrix spike dup, rec	5/11/2022	Organic	Naphthalene	n/a	=	86	%	EPA 625.1	-88	-88	21	133	
2021/22-4	ME-VR2	matrix spike, RPD	5/11/2022	Organic	Naphthalene	n/a	=	0.2	%	EPA 625.1	-88	-88	0	30	
2021/22-4	ME-VR2	matrix spike	5/13/2022	Organic	Naphthalene	n/a	=	15.3	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	
2021/22-4	ME-VR2	matrix spike, rec	5/13/2022	Organic	Naphthalene	n/a	=	76	%	EPA 8270C	-88	-88	8	116	
2021/22-4	ME-VR2	matrix spike dup	5/14/2022	Organic	Naphthalene	n/a	=	15.5	µg/L	EPA 8270C	0.026	0.1			
2021/22-4	ME-VR2	matrix spike dup, rec	5/14/2022	Organic	Naphthalene	n/a	=	76	%	EPA 8270C	-88	-88	8	116	
2021/22-4	ME-VR2	matrix spike, RPD	5/14/2022	Organic	Naphthalene	n/a	=	1	%	EPA 8270C	-88	-88	0	30	
2021/22-4	MO-THO	matrix spike	5/31/2022	Organic	Naphthalene	n/a	=	18.6	µg/L	EPA 625.1	0.49	1			
2021/22-4	MO-THO	matrix spike, rec	5/31/2022	Organic	Naphthalene	n/a	=	98	%	EPA 625.1	-88	-88	21	133	
2021/22-4	MO-THO	matrix spike dup	5/31/2022	Organic	Naphthalene	n/a	=	20.1	µg/L	EPA 625.1	0.49	1			
2021/22-4	MO-THO	matrix spike dup, rec	5/31/2022	Organic	Naphthalene	n/a	=	106	%	EPA 625.1	-88	-88	21	133	
2021/22-4	MO-THO	matrix spike, RPD	5/31/2022	Organic	Naphthalene	n/a	=	8	%	EPA 625.1	-88	-88	0	30	
2021/22-4	MO-THO	matrix spike	6/25/2022	Organic	Naphthalene	n/a	=	14.2	µg/L	EPA 8270C	0.026	0.1			
2021/22-4	MO-THO	matrix spike, rec	6/25/2022	Organic	Naphthalene	n/a	=	75	%	EPA 8270C	-88	-88	8	116	
2021/22-4	MO-THO	matrix spike dup	6/25/2022	Organic	Naphthalene	n/a	=	14.3	µg/L	EPA 8270C	0.026	0.1			
2021/22-4	MO-THO	matrix spike dup, rec	6/25/2022	Organic	Naphthalene	n/a	=	75	%	EPA 8270C	-88	-88	8	116	
2021/22-4	MO-THO	matrix spike, RPD	6/25/2022	Organic	Naphthalene	n/a	=	0.5	%	EPA 8270C	-88	-88	0	30	
2021/22-4	000NONPJ	matrix spike	6/6/2022	Organic	Nitrobenzene	n/a	=	15.5	µg/L	EPA 625.1	0.36	1			
2021/22-4	000NONPJ	matrix spike, rec	6/6/2022	Organic	Nitrobenzene	n/a	=	77	%	EPA 625.1	-88	-88	35	180	
2021/22-4	000NONPJ	matrix spike dup	6/6/2022	Organic	Nitrobenzene	n/a	=	15.6	µg/L	EPA 625.1	0.36	1			
2021/22-4	000NONPJ	matrix spike dup, rec	6/6/2022	Organic	Nitrobenzene	n/a	=	78	%	EPA 625.1	-88	-88	35	180	
2021/22-4	000NONPJ	matrix spike, RPD	6/6/2022	Organic	Nitrobenzene	n/a	=	1	%	EPA 625.1	-88	-88	0	30	
2021/22-4	Lab	LCS	5/11/2022	Organic	Nitrobenzene	n/a	=	17.9	µg/L	EPA 625.1	0.36	1			
2021/22-4	Lab	LCS, rec	5/11/2022	Organic	Nitrobenzene	n/a	=	90	%	EPA 625.1	-88	-88	54	158	
2021/22-4	Lab	method blank	5/11/2022	Organic	Nitrobenzene	n/a	<	0.36	µg/L	EPA 625.1	0.36	1			
2021/22-4	Lab	LCS	5/31/2022	Organic	Nitrobenzene	n/a	=	14.3	µg/L	EPA 625.1	0.36	1			
2021/22-4	Lab	LCS, rec	5/31/2022	Organic	Nitrobenzene	n/a	=	72	%	EPA 625.1	-88	-88	54	158	
2021/22-4	Lab	method blank	5/31/2022	Organic	Nitrobenzene	n/a	<	0.36	µg/L	EPA 625.1	0.36	1			
2021/22-4	Lab	LCS	6/6/2022	Organic	Nitrobenzene	n/a	=	16	µg/L	EPA 625.1	0.36	1			
2021/22-4	Lab	LCS, rec	6/6/2022	Organic	Nitrobenzene	n/a	=	80	%	EPA 625.1	-88	-88	54	158	
2021/22-4	Lab	method blank	6/6/2022	Organic	Nitrobenzene	n/a	<	0.36	µg/L	EPA 625.1	0.36	1			
2021/22-4	Lab	LCS	6/11/2022	Organic	Nitrobenzene	n/a	=	14.8	µg/L	EPA 625.1	0.36	1			
2021/22-4	Lab	LCS, rec	6/11/2022	Organic	Nitrobenzene	n/a	=	74	%	EPA 625.1	-88	-88	54	158	
2021/22-4	Lab	LCS dup	6/11/2022	Organic	Nitrobenzene	n/a	=	15.6	µg/L	EPA 625.1	0.36	1			
2021/22-4	Lab	LCS dup, rec	6/11/2022	Organic	Nitrobenzene	n/a	=	78	%	EPA 625.1	-88	-88	54	158	
2021/22-4	Lab	LCS, RPD	6/11/2022	Organic	Nitrobenzene	n/a	=	5	%	EPA 625.1	-88	-88	0	30	
2021/22-4	Lab	method blank	6/11/2022	Organic	Nitrobenzene	n/a	<	0.36	µg/L	EPA 625.1	0.36	1			
2021/22-4	ME-VR2	matrix spike	5/11/2022	Organic	Nitrobenzene	n/a	=	17.9	µg/L	EPA 625.1	0.36	1			
2021/22-4	ME-VR2	matrix spike, rec	5/11/2022	Organic	Nitrobenzene	n/a	=	89	%	EPA 625.1	-88	-88	35	180	
2021/22-4	ME-VR2	matrix spike dup	5/11/2022	Organic	Nitrobenzene	n/a	=	17.7	µg/L	EPA 625.1	0.36	1			
2021/22-4	ME-VR2	matrix spike dup, rec	5/11/2022	Organic	Nitrobenzene	n/a	=	87	%	EPA 625.1	-88	-88	35	180	
2021/22-4	ME-VR2	matrix spike, RPD	5/11/2022	Organic	Nitrobenzene	n/a	=	0.8	%	EPA 625.1	-88	-88	0	30	
2021/22-4	MO-THO	matrix spike	5/31/2022	Organic	Nitrobenzene	n/a	=	15.2	µg/L	EPA 625.1	0.36	1			
2021/22-4	MO-THO	matrix spike, rec	5/31/2022	Organic	Nitrobenzene	n/a	=	80	%	EPA 625.1	-88	-88	35	180	
2021/22-4	MO-THO	matrix spike dup	5/31/2022	Organic	Nitrobenzene	n/a	=	15.8	µg/L	EPA 625.1	0.36	1			
2021/22-4	MO-THO	matrix spike dup, rec	5/31/2022	Organic	Nitrobenzene	n/a	=	83	%	EPA 625.1	-88	-88	35	180	
2021/22-4	MO-THO	matrix spike, RPD	5/31/2022	Organic	Nitrobenzene	n/a	=	4	%	EPA 625.1	-88	-88	0	30	
2021/22-4	000NONPJ	srgt matrix spike	6/6/2022	Organic	Nitrobenzene-d5	n/a	=	17.3	µg/L	EPA 625.1	-88	-88			
2021/22-4	000NONPJ	srgt matrix spike, rec	6/6/2022	Organic	Nitrobenzene-d5	n/a	=	86	%	EPA 625.1	-88	-88	47	120	
2021/22-4	000NONPJ	srgt matrix spike dup	6/6/2022	Organic	Nitrobenzene-d5	n/a	=	17.5	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	
2021/22-4	000NONPJ	srgt matrix spike dup, rec	6/6/2022	Organic	Nitrobenzene-d5	n/a	=	87	%	EPA 625.1	-88	-88	47	120	
2021/22-4	Lab	srgt LCS	5/11/2022	Organic	Nitrobenzene-d5	n/a	=	20.4	µg/L	EPA 625.1	-88	-88			
2021/22-4	Lab	srgt LCS, rec	5/11/2022	Organic	Nitrobenzene-d5	n/a	=	102	%	EPA 625.1	-88	-88	47	120	
2021/22-4	Lab	srgt method blank	5/11/2022	Organic	Nitrobenzene-d5	n/a	=	19	µg/L	EPA 625.1	-88	-88			
2021/22-4	Lab	srgt method blank, rec	5/11/2022	Organic	Nitrobenzene-d5	n/a	=	95	%	EPA 625.1	-88	-88	47	120	
2021/22-4	Lab	srgt method blank	5/13/2022	Organic	Nitrobenzene-d5	n/a	=	16.3	µg/L	EPA 8270C	-88	-88			
2021/22-4	Lab	srgt method blank, rec	5/13/2022	Organic	Nitrobenzene-d5	n/a	=	82	%	EPA 8270C	-88	-88	51	143	
2021/22-4	Lab	srgt LCS	5/13/2022	Organic	Nitrobenzene-d5	n/a	=	18.8	µg/L	EPA 8270C	-88	-88			
2021/22-4	Lab	srgt LCS, rec	5/13/2022	Organic	Nitrobenzene-d5	n/a	=	94	%	EPA 8270C	-88	-88	51	143	
2021/22-4	Lab	srgt LCS	5/31/2022	Organic	Nitrobenzene-d5	n/a	=	16.1	µg/L	EPA 625.1	-88	-88			
2021/22-4	Lab	srgt LCS, rec	5/31/2022	Organic	Nitrobenzene-d5	n/a	=	80	%	EPA 625.1	-88	-88	47	120	
2021/22-4	Lab	srgt method blank	5/31/2022	Organic	Nitrobenzene-d5	n/a	=	16.4	µg/L	EPA 625.1	-88	-88			
2021/22-4	Lab	srgt method blank, rec	5/31/2022	Organic	Nitrobenzene-d5	n/a	=	82	%	EPA 625.1	-88	-88	47	120	
2021/22-4	Lab	srgt LCS	6/6/2022	Organic	Nitrobenzene-d5	n/a	=	18.5	µg/L	EPA 625.1	-88	-88			
2021/22-4	Lab	srgt LCS, rec	6/6/2022	Organic	Nitrobenzene-d5	n/a	=	92	%	EPA 625.1	-88	-88	47	120	
2021/22-4	Lab	srgt method blank	6/6/2022	Organic	Nitrobenzene-d5	n/a	=	18.2	µg/L	EPA 625.1	-88	-88			
2021/22-4	Lab	srgt method blank, rec	6/6/2022	Organic	Nitrobenzene-d5	n/a	=	91	%	EPA 625.1	-88	-88	47	120	
2021/22-4	Lab	srgt LCS	6/11/2022	Organic	Nitrobenzene-d5	n/a	=	16.7	µg/L	EPA 625.1	-88	-88			
2021/22-4	Lab	srgt LCS, rec	6/11/2022	Organic	Nitrobenzene-d5	n/a	=	83	%	EPA 625.1	-88	-88	47	120	
2021/22-4	Lab	srgt LCS dup	6/11/2022	Organic	Nitrobenzene-d5	n/a	=	17.4	µg/L	EPA 625.1	-88	-88			
2021/22-4	Lab	srgt LCS dup, rec	6/11/2022	Organic	Nitrobenzene-d5	n/a	=	87	%	EPA 625.1	-88	-88	47	120	
2021/22-4	Lab	srgt method blank	6/11/2022	Organic	Nitrobenzene-d5	n/a	=	16	µg/L	EPA 625.1	-88	-88			
2021/22-4	Lab	srgt method blank, rec	6/11/2022	Organic	Nitrobenzene-d5	n/a	=	80	%	EPA 625.1	-88	-88	47	120	
2021/22-4	Lab	srgt method blank	6/25/2022	Organic	Nitrobenzene-d5	n/a	=	13.8	µg/L	EPA 8270C	-88	-88			
2021/22-4	Lab	srgt method blank, rec	6/25/2022	Organic	Nitrobenzene-d5	n/a	=	69	%	EPA 8270C	-88	-88	51	143	
2021/22-4	Lab	srgt LCS	6/25/2022	Organic	Nitrobenzene-d5	n/a	=	15.4	µg/L	EPA 8270C	-88	-88			
2021/22-4	Lab	srgt LCS, rec	6/25/2022	Organic	Nitrobenzene-d5	n/a	=	77	%	EPA 8270C	-88	-88	51	143	
2021/22-4	ME-CC	srgt environ	6/1/2022	Organic	Nitrobenzene-d5	n/a	=	18.4	µg/L	EPA 625.1	-88	-88			
2021/22-4	ME-CC	srgt environ, rec	6/1/2022	Organic	Nitrobenzene-d5	n/a	=	96	%	EPA 625.1	-88	-88	47	120	
2021/22-4	ME-CC	srgt environ	6/25/2022	Organic	Nitrobenzene-d5	n/a	=	14.6	µg/L	EPA 8270C	-88	-88			
2021/22-4	ME-CC	srgt environ, rec	6/25/2022	Organic	Nitrobenzene-d5	n/a	=	77	%	EPA 8270C	-88	-88	51	143	
2021/22-4	ME-SCR	srgt environ	6/7/2022	Organic	Nitrobenzene-d5	n/a	=	13.7	µg/L	EPA 625.1	-88	-88			
2021/22-4	ME-SCR	srgt environ, rec	6/7/2022	Organic	Nitrobenzene-d5	n/a	=	72	%	EPA 625.1	-88	-88	47	120	
2021/22-4	ME-SCR	srgt environ	6/11/2022	Organic	Nitrobenzene-d5	n/a	=	16.8	µg/L	EPA 625.1	-88	-88			
2021/22-4	ME-SCR	srgt environ, rec	6/11/2022	Organic	Nitrobenzene-d5	n/a	=	88	%	EPA 625.1	-88	-88	47	120	
2021/22-4	ME-SCR	srgt environ	6/25/2022	Organic	Nitrobenzene-d5	n/a	=	4.53	µg/L	EPA 8270C	-88	-88			
2021/22-4	ME-SCR	srgt environ, rec	6/25/2022	Organic	Nitrobenzene-d5	n/a	=	95	%	EPA 8270C	-88	-88	51	143	
2021/22-4	ME-VR2	srgt matrix spike	5/11/2022	Organic	Nitrobenzene-d5	n/a	=	19.6	µg/L	EPA 625.1	-88	-88			
2021/22-4	ME-VR2	srgt matrix spike, rec	5/11/2022	Organic	Nitrobenzene-d5	n/a	=	98	%	EPA 625.1	-88	-88	47	120	
2021/22-4	ME-VR2	srgt matrix spike dup	5/11/2022	Organic	Nitrobenzene-d5	n/a	=	19.7	µg/L	EPA 625.1	-88	-88			
2021/22-4	ME-VR2	srgt matrix spike dup, rec	5/11/2022	Organic	Nitrobenzene-d5	n/a	=	97	%	EPA 625.1	-88	-88	47	120	
2021/22-4	ME-VR2	srgt environ	5/12/2022	Organic	Nitrobenzene-d5	n/a	=	18.7	µg/L	EPA 625.1	-88	-88			
2021/22-4	ME-VR2	srgt environ, rec	5/12/2022	Organic	Nitrobenzene-d5	n/a	=	93	%	EPA 625.1	-88	-88	47	120	
2021/22-4	ME-VR2	srgt matrix spike	5/13/2022	Organic	Nitrobenzene-d5	n/a	=	17	µg/L	EPA 8270C	-88	-88			
2021/22-4	ME-VR2	srgt matrix spike, rec	5/13/2022	Organic	Nitrobenzene-d5	n/a	=	85	%	EPA 8270C	-88	-88	51	143	
2021/22-4	ME-VR2	srgt matrix spike dup	5/14/2022	Organic	Nitrobenzene-d5	n/a	=	17.6	µg/L	EPA 8270C	-88	-88			
2021/22-4	ME-VR2	srgt matrix spike dup, rec	5/14/2022	Organic	Nitrobenzene-d5	n/a	=	87	%	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	
2021/22-4	ME-VR2	srgt environ	5/14/2022	Organic	Nitrobenzene-d5	n/a	=	15.9	µg/L	EPA 8270C	-88	-88			
2021/22-4	ME-VR2	srgt environ, rec	5/14/2022	Organic	Nitrobenzene-d5	n/a	=	79	%	EPA 8270C	-88	-88	51	143	
2021/22-4	MO-CAM	srgt environ	6/1/2022	Organic	Nitrobenzene-d5	n/a	=	16.9	µg/L	EPA 625.1	-88	-88			
2021/22-4	MO-CAM	srgt environ, rec	6/1/2022	Organic	Nitrobenzene-d5	n/a	=	86	%	EPA 625.1	-88	-88	47	120	
2021/22-4	MO-CAM	srgt environ	6/25/2022	Organic	Nitrobenzene-d5	n/a	=	14.1	µg/L	EPA 8270C	-88	-88			
2021/22-4	MO-CAM	srgt environ, rec	6/25/2022	Organic	Nitrobenzene-d5	n/a	=	71	%	EPA 8270C	-88	-88	51	143	
2021/22-4	MO-FIL	srgt environ	6/7/2022	Organic	Nitrobenzene-d5	n/a	=	12.8	µg/L	EPA 625.1	-88	-88			
2021/22-4	MO-FIL	srgt environ, rec	6/7/2022	Organic	Nitrobenzene-d5	n/a	=	67	%	EPA 625.1	-88	-88	47	120	
2021/22-4	MO-FIL	srgt environ	6/25/2022	Organic	Nitrobenzene-d5	n/a	=	4.83	µg/L	EPA 8270C	-88	-88			
2021/22-4	MO-FIL	srgt environ, rec	6/25/2022	Organic	Nitrobenzene-d5	n/a	=	102	%	EPA 8270C	-88	-88	51	143	
2021/22-4	MO-HUE	srgt environ	5/12/2022	Organic	Nitrobenzene-d5	n/a	=	18.7	µg/L	EPA 625.1	-88	-88			
2021/22-4	MO-HUE	srgt environ, rec	5/12/2022	Organic	Nitrobenzene-d5	n/a	=	93	%	EPA 625.1	-88	-88	47	120	
2021/22-4	MO-HUE	srgt environ	5/14/2022	Organic	Nitrobenzene-d5	n/a	=	16	µg/L	EPA 8270C	-88	-88			
2021/22-4	MO-HUE	srgt environ, rec	5/14/2022	Organic	Nitrobenzene-d5	n/a	=	79	%	EPA 8270C	-88	-88	51	143	
2021/22-4	MO-OJA	srgt environ	5/12/2022	Organic	Nitrobenzene-d5	n/a	=	19.7	µg/L	EPA 625.1	-88	-88			
2021/22-4	MO-OJA	srgt environ, rec	5/12/2022	Organic	Nitrobenzene-d5	n/a	=	96	%	EPA 625.1	-88	-88	47	120	
2021/22-4	MO-OJA	srgt environ	5/14/2022	Organic	Nitrobenzene-d5	n/a	=	17.5	µg/L	EPA 8270C	-88	-88			
2021/22-4	MO-OJA	srgt environ, rec	5/14/2022	Organic	Nitrobenzene-d5	n/a	=	86	%	EPA 8270C	-88	-88	51	143	
2021/22-4	MO-SIM	srgt environ	6/1/2022	Organic	Nitrobenzene-d5	n/a	=	16	µg/L	EPA 625.1	-88	-88			
2021/22-4	MO-SIM	srgt environ, rec	6/1/2022	Organic	Nitrobenzene-d5	n/a	=	84	%	EPA 625.1	-88	-88	47	120	
2021/22-4	MO-SIM	srgt environ	6/25/2022	Organic	Nitrobenzene-d5	n/a	=	13.7	µg/L	EPA 8270C	-88	-88			
2021/22-4	MO-SIM	srgt environ, rec	6/25/2022	Organic	Nitrobenzene-d5	n/a	=	72	%	EPA 8270C	-88	-88	51	143	
2021/22-4	MO-THO	srgt matrix spike	5/31/2022	Organic	Nitrobenzene-d5	n/a	=	17.3	µg/L	EPA 625.1	-88	-88			
2021/22-4	MO-THO	srgt matrix spike, rec	5/31/2022	Organic	Nitrobenzene-d5	n/a	=	91	%	EPA 625.1	-88	-88	47	120	
2021/22-4	MO-THO	srgt matrix spike dup	5/31/2022	Organic	Nitrobenzene-d5	n/a	=	18.1	µg/L	EPA 625.1	-88	-88			
2021/22-4	MO-THO	srgt matrix spike dup, rec	5/31/2022	Organic	Nitrobenzene-d5	n/a	=	96	%	EPA 625.1	-88	-88	47	120	
2021/22-4	MO-THO	srgt environ	6/1/2022	Organic	Nitrobenzene-d5	n/a	=	14.1	µg/L	EPA 625.1	-88	-88			
2021/22-4	MO-THO	srgt environ, rec	6/1/2022	Organic	Nitrobenzene-d5	n/a	=	74	%	EPA 625.1	-88	-88	47	120	
2021/22-4	MO-THO	srgt matrix spike	6/25/2022	Organic	Nitrobenzene-d5	n/a	=	14.1	µg/L	EPA 8270C	-88	-88			
2021/22-4	MO-THO	srgt matrix spike, rec	6/25/2022	Organic	Nitrobenzene-d5	n/a	=	74	%	EPA 8270C	-88	-88	51	143	
2021/22-4	MO-THO	srgt matrix spike dup	6/25/2022	Organic	Nitrobenzene-d5	n/a	=	14.6	µg/L	EPA 8270C	-88	-88			
2021/22-4	MO-THO	srgt matrix spike dup, rec	6/25/2022	Organic	Nitrobenzene-d5	n/a	=	77	%	EPA 8270C	-88	-88	51	143	
2021/22-4	MO-THO	srgt environ	6/25/2022	Organic	Nitrobenzene-d5	n/a	=	13.1	µg/L	EPA 8270C	-88	-88			
2021/22-4	MO-THO	srgt environ, rec	6/25/2022	Organic	Nitrobenzene-d5	n/a	=	69	%	EPA 8270C	-88	-88	51	143	
2021/22-4	000NONPJ	matrix spike	6/6/2022	Organic	N-Nitrosodimethylamine	n/a	=	6.17	µg/L	EPA 625.1	0.5	1			
2021/22-4	000NONPJ	matrix spike, rec	6/6/2022	Organic	N-Nitrosodimethylamine	n/a	=	31	%	EPA 625.1	-88	-88	18	120	
2021/22-4	000NONPJ	matrix spike dup	6/6/2022	Organic	N-Nitrosodimethylamine	n/a	=	6.06	µg/L	EPA 625.1	0.5	1			
2021/22-4	000NONPJ	matrix spike dup, rec	6/6/2022	Organic	N-Nitrosodimethylamine	n/a	=	30	%	EPA 625.1	-88	-88	18	120	
2021/22-4	000NONPJ	matrix spike, RPD	6/6/2022	Organic	N-Nitrosodimethylamine	n/a	=	2	%	EPA 625.1	-88	-88	0	30	
2021/22-4	Lab	LCS	5/11/2022	Organic	N-Nitrosodimethylamine	n/a	=	11.3	µg/L	EPA 625.1	0.5	1			
2021/22-4	Lab	LCS, rec	5/11/2022	Organic	N-Nitrosodimethylamine	n/a	=	56	%	EPA 625.1	-88	-88	22	120	
2021/22-4	Lab	method blank	5/11/2022	Organic	N-Nitrosodimethylamine	n/a	<	0.5	µg/L	EPA 625.1	0.5	1			
2021/22-4	Lab	LCS	5/31/2022	Organic	N-Nitrosodimethylamine	n/a	=	8.21	µg/L	EPA 625.1	0.5	1			
2021/22-4	Lab	LCS, rec	5/31/2022	Organic	N-Nitrosodimethylamine	n/a	=	41	%	EPA 625.1	-88	-88	22	120	
2021/22-4	Lab	method blank	5/31/2022	Organic	N-Nitrosodimethylamine	n/a	<	0.5	µg/L	EPA 625.1	0.5	1			
2021/22-4	Lab	LCS	6/6/2022	Organic	N-Nitrosodimethylamine	n/a	=	5.87	µg/L	EPA 625.1	0.5	1			
2021/22-4	Lab	LCS, rec	6/6/2022	Organic	N-Nitrosodimethylamine	n/a	=	29	%	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	
2021/22-4	Lab	method blank	6/6/2022	Organic	N-Nitrosodimethylamine	n/a	<	0.5	µg/L	EPA 625.1	0.5	1			
2021/22-4	Lab	LCS	6/11/2022	Organic	N-Nitrosodimethylamine	n/a	=	7.56	µg/L	EPA 625.1	0.5	1			
2021/22-4	Lab	LCS, rec	6/11/2022	Organic	N-Nitrosodimethylamine	n/a	=	38	%	EPA 625.1	-88	-88	22	120	
2021/22-4	Lab	LCS dup	6/11/2022	Organic	N-Nitrosodimethylamine	n/a	=	9.71	µg/L	EPA 625.1	0.5	1			
2021/22-4	Lab	LCS dup, rec	6/11/2022	Organic	N-Nitrosodimethylamine	n/a	=	49	%	EPA 625.1	-88	-88	22	120	
2021/22-4	Lab	LCS, RPD	6/11/2022	Organic	N-Nitrosodimethylamine	n/a	=	25	%	EPA 625.1	-88	-88	0	30	
2021/22-4	Lab	method blank	6/11/2022	Organic	N-Nitrosodimethylamine	n/a	<	0.5	µg/L	EPA 625.1	0.5	1			
2021/22-4	ME-VR2	matrix spike	5/11/2022	Organic	N-Nitrosodimethylamine	n/a	=	10.9	µg/L	EPA 625.1	0.5	1			
2021/22-4	ME-VR2	matrix spike, rec	5/11/2022	Organic	N-Nitrosodimethylamine	n/a	=	54	%	EPA 625.1	-88	-88	18	120	
2021/22-4	ME-VR2	matrix spike dup	5/11/2022	Organic	N-Nitrosodimethylamine	n/a	=	10.7	µg/L	EPA 625.1	0.5	1			
2021/22-4	ME-VR2	matrix spike dup, rec	5/11/2022	Organic	N-Nitrosodimethylamine	n/a	=	53	%	EPA 625.1	-88	-88	18	120	
2021/22-4	ME-VR2	matrix spike, RPD	5/11/2022	Organic	N-Nitrosodimethylamine	n/a	=	1	%	EPA 625.1	-88	-88	0	30	
2021/22-4	MO-THO	matrix spike	5/31/2022	Organic	N-Nitrosodimethylamine	n/a	=	8.36	µg/L	EPA 625.1	0.5	1			
2021/22-4	MO-THO	matrix spike, rec	5/31/2022	Organic	N-Nitrosodimethylamine	n/a	=	44	%	EPA 625.1	-88	-88	18	120	
2021/22-4	MO-THO	matrix spike dup	5/31/2022	Organic	N-Nitrosodimethylamine	n/a	=	9.27	µg/L	EPA 625.1	0.5	1			
2021/22-4	MO-THO	matrix spike dup, rec	5/31/2022	Organic	N-Nitrosodimethylamine	n/a	=	49	%	EPA 625.1	-88	-88	18	120	
2021/22-4	MO-THO	matrix spike, RPD	5/31/2022	Organic	N-Nitrosodimethylamine	n/a	=	10	%	EPA 625.1	-88	-88	0	30	
2021/22-4	000NONPJ	matrix spike	6/6/2022	Organic	N-Nitrosodi-N-propylamine	n/a	=	17.5	µg/L	EPA 625.1	0.26	1			
2021/22-4	000NONPJ	matrix spike, rec	6/6/2022	Organic	N-Nitrosodi-N-propylamine	n/a	=	87	%	EPA 625.1	-88	-88	49	120	
2021/22-4	000NONPJ	matrix spike dup	6/6/2022	Organic	N-Nitrosodi-N-propylamine	n/a	=	17.4	µg/L	EPA 625.1	0.26	1			
2021/22-4	000NONPJ	matrix spike dup, rec	6/6/2022	Organic	N-Nitrosodi-N-propylamine	n/a	=	87	%	EPA 625.1	-88	-88	49	120	
2021/22-4	000NONPJ	matrix spike, RPD	6/6/2022	Organic	N-Nitrosodi-N-propylamine	n/a	=	0.5	%	EPA 625.1	-88	-88	0	30	
2021/22-4	Lab	LCS	5/11/2022	Organic	N-Nitrosodi-N-propylamine	n/a	=	19.4	µg/L	EPA 625.1	0.26	1			
2021/22-4	Lab	LCS, rec	5/11/2022	Organic	N-Nitrosodi-N-propylamine	n/a	=	97	%	EPA 625.1	-88	-88	14	198	
2021/22-4	Lab	method blank	5/11/2022	Organic	N-Nitrosodi-N-propylamine	n/a	<	0.26	µg/L	EPA 625.1	0.26	1			
2021/22-4	Lab	LCS	5/31/2022	Organic	N-Nitrosodi-N-propylamine	n/a	=	16.3	µg/L	EPA 625.1	0.26	1			
2021/22-4	Lab	LCS, rec	5/31/2022	Organic	N-Nitrosodi-N-propylamine	n/a	=	81	%	EPA 625.1	-88	-88	14	198	
2021/22-4	Lab	method blank	5/31/2022	Organic	N-Nitrosodi-N-propylamine	n/a	<	0.26	µg/L	EPA 625.1	0.26	1			
2021/22-4	Lab	LCS	6/6/2022	Organic	N-Nitrosodi-N-propylamine	n/a	=	17.6	µg/L	EPA 625.1	0.26	1			
2021/22-4	Lab	LCS, rec	6/6/2022	Organic	N-Nitrosodi-N-propylamine	n/a	=	88	%	EPA 625.1	-88	-88	14	198	
2021/22-4	Lab	method blank	6/6/2022	Organic	N-Nitrosodi-N-propylamine	n/a	<	0.26	µg/L	EPA 625.1	0.26	1			
2021/22-4	Lab	LCS	6/11/2022	Organic	N-Nitrosodi-N-propylamine	n/a	=	16.7	µg/L	EPA 625.1	0.26	1			
2021/22-4	Lab	LCS, rec	6/11/2022	Organic	N-Nitrosodi-N-propylamine	n/a	=	83	%	EPA 625.1	-88	-88	14	198	
2021/22-4	Lab	LCS dup	6/11/2022	Organic	N-Nitrosodi-N-propylamine	n/a	=	17.4	µg/L	EPA 625.1	0.26	1			
2021/22-4	Lab	LCS dup, rec	6/11/2022	Organic	N-Nitrosodi-N-propylamine	n/a	=	87	%	EPA 625.1	-88	-88	14	198	
2021/22-4	Lab	LCS, RPD	6/11/2022	Organic	N-Nitrosodi-N-propylamine	n/a	=	4	%	EPA 625.1	-88	-88	0	30	
2021/22-4	Lab	method blank	6/11/2022	Organic	N-Nitrosodi-N-propylamine	n/a	<	0.26	µg/L	EPA 625.1	0.26	1			
2021/22-4	ME-VR2	matrix spike	5/11/2022	Organic	N-Nitrosodi-N-propylamine	n/a	=	19.3	µg/L	EPA 625.1	0.26	1			
2021/22-4	ME-VR2	matrix spike, rec	5/11/2022	Organic	N-Nitrosodi-N-propylamine	n/a	=	96	%	EPA 625.1	-88	-88	49	120	
2021/22-4	ME-VR2	matrix spike dup	5/11/2022	Organic	N-Nitrosodi-N-propylamine	n/a	=	18.7	µg/L	EPA 625.1	0.26	1			
2021/22-4	ME-VR2	matrix spike dup, rec	5/11/2022	Organic	N-Nitrosodi-N-propylamine	n/a	=	92	%	EPA 625.1	-88	-88	49	120	
2021/22-4	ME-VR2	matrix spike, RPD	5/11/2022	Organic	N-Nitrosodi-N-propylamine	n/a	=	3	%	EPA 625.1	-88	-88	0	30	
2021/22-4	MO-THO	matrix spike	5/31/2022	Organic	N-Nitrosodi-N-propylamine	n/a	=	17.2	µg/L	EPA 625.1	0.26	1			
2021/22-4	MO-THO	matrix spike, rec	5/31/2022	Organic	N-Nitrosodi-N-propylamine	n/a	=	90	%	EPA 625.1	-88	-88	49	120	
2021/22-4	MO-THO	matrix spike dup	5/31/2022	Organic	N-Nitrosodi-N-propylamine	n/a	=	17.8	µg/L	EPA 625.1	0.26	1			
2021/22-4	MO-THO	matrix spike dup, rec	5/31/2022	Organic	N-Nitrosodi-N-propylamine	n/a	=	94	%	EPA 625.1	-88	-88	49	120	
2021/22-4	MO-THO	matrix spike, RPD	5/31/2022	Organic	N-Nitrosodi-N-propylamine	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	
2021/22-4	000NONPJ	matrix spike	6/6/2022	Organic	N-Nitrosodiphenylamine	n/a	=	14.6	µg/L	EPA 625.1	0.19	1			
2021/22-4	000NONPJ	matrix spike, rec	6/6/2022	Organic	N-Nitrosodiphenylamine	n/a	=	72	%	EPA 625.1	-88	-88	49	120	
2021/22-4	000NONPJ	matrix spike dup	6/6/2022	Organic	N-Nitrosodiphenylamine	n/a	=	15	µg/L	EPA 625.1	0.19	1			
2021/22-4	000NONPJ	matrix spike dup, rec	6/6/2022	Organic	N-Nitrosodiphenylamine	n/a	=	74	%	EPA 625.1	-88	-88	49	120	
2021/22-4	000NONPJ	matrix spike, RPD	6/6/2022	Organic	N-Nitrosodiphenylamine	n/a	=	3	%	EPA 625.1	-88	-88	0	30	
2021/22-4	Lab	LCS	5/11/2022	Organic	N-Nitrosodiphenylamine	n/a	=	13.9	µg/L	EPA 625.1	0.19	1			
2021/22-4	Lab	LCS, rec	5/11/2022	Organic	N-Nitrosodiphenylamine	n/a	=	69	%	EPA 625.1	-88	-88	47	120	
2021/22-4	Lab	method blank	5/11/2022	Organic	N-Nitrosodiphenylamine	n/a	<	0.19	µg/L	EPA 625.1	0.19	1			
2021/22-4	Lab	LCS	5/31/2022	Organic	N-Nitrosodiphenylamine	n/a	=	14.1	µg/L	EPA 625.1	0.19	1			
2021/22-4	Lab	LCS, rec	5/31/2022	Organic	N-Nitrosodiphenylamine	n/a	=	71	%	EPA 625.1	-88	-88	47	120	
2021/22-4	Lab	method blank	5/31/2022	Organic	N-Nitrosodiphenylamine	n/a	<	0.19	µg/L	EPA 625.1	0.19	1			
2021/22-4	Lab	LCS	6/6/2022	Organic	N-Nitrosodiphenylamine	n/a	=	14.1	µg/L	EPA 625.1	0.19	1			
2021/22-4	Lab	LCS, rec	6/6/2022	Organic	N-Nitrosodiphenylamine	n/a	=	71	%	EPA 625.1	-88	-88	47	120	
2021/22-4	Lab	method blank	6/6/2022	Organic	N-Nitrosodiphenylamine	n/a	<	0.19	µg/L	EPA 625.1	0.19	1			
2021/22-4	Lab	LCS	6/11/2022	Organic	N-Nitrosodiphenylamine	n/a	=	14.1	µg/L	EPA 625.1	0.19	1			
2021/22-4	Lab	LCS, rec	6/11/2022	Organic	N-Nitrosodiphenylamine	n/a	=	70	%	EPA 625.1	-88	-88	47	120	
2021/22-4	Lab	LCS dup	6/11/2022	Organic	N-Nitrosodiphenylamine	n/a	=	14.6	µg/L	EPA 625.1	0.19	1			
2021/22-4	Lab	LCS dup, rec	6/11/2022	Organic	N-Nitrosodiphenylamine	n/a	=	73	%	EPA 625.1	-88	-88	47	120	
2021/22-4	Lab	LCS, RPD	6/11/2022	Organic	N-Nitrosodiphenylamine	n/a	=	4	%	EPA 625.1	-88	-88	0	30	
2021/22-4	Lab	method blank	6/11/2022	Organic	N-Nitrosodiphenylamine	n/a	<	0.19	µg/L	EPA 625.1	0.19	1			
2021/22-4	ME-VR2	matrix spike	5/11/2022	Organic	N-Nitrosodiphenylamine	n/a	=	15.1	µg/L	EPA 625.1	0.19	1			
2021/22-4	ME-VR2	matrix spike, rec	5/11/2022	Organic	N-Nitrosodiphenylamine	n/a	=	75	%	EPA 625.1	-88	-88	49	120	
2021/22-4	ME-VR2	matrix spike dup	5/11/2022	Organic	N-Nitrosodiphenylamine	n/a	=	13.7	µg/L	EPA 625.1	0.19	1			
2021/22-4	ME-VR2	matrix spike dup, rec	5/11/2022	Organic	N-Nitrosodiphenylamine	n/a	=	68	%	EPA 625.1	-88	-88	49	120	
2021/22-4	ME-VR2	matrix spike, RPD	5/11/2022	Organic	N-Nitrosodiphenylamine	n/a	=	10	%	EPA 625.1	-88	-88	0	30	
2021/22-4	MO-THO	matrix spike	5/31/2022	Organic	N-Nitrosodiphenylamine	n/a	=	14.8	µg/L	EPA 625.1	0.19	1			
2021/22-4	MO-THO	matrix spike, rec	5/31/2022	Organic	N-Nitrosodiphenylamine	n/a	=	78	%	EPA 625.1	-88	-88	49	120	
2021/22-4	MO-THO	matrix spike dup	5/31/2022	Organic	N-Nitrosodiphenylamine	n/a	=	14.8	µg/L	EPA 625.1	0.19	1			
2021/22-4	MO-THO	matrix spike dup, rec	5/31/2022	Organic	N-Nitrosodiphenylamine	n/a	=	78	%	EPA 625.1	-88	-88	49	120	
2021/22-4	MO-THO	matrix spike, RPD	5/31/2022	Organic	N-Nitrosodiphenylamine	n/a	=	0.3	%	EPA 625.1	-88	-88	0	30	
2021/22-4	Lab	srgt method blank	5/10/2022	Organic	Perylene-d12	n/a	=	4.75	µg/L	EPA 525.2	-88	-88			
2021/22-4	Lab	srgt method blank, rec	5/10/2022	Organic	Perylene-d12	n/a	=	95	%	EPA 525.2	-88	-88	50	120	
2021/22-4	Lab	srgt LCS	5/10/2022	Organic	Perylene-d12	n/a	=	5.2	µg/L	EPA 525.2	-88	-88			
2021/22-4	Lab	srgt LCS, rec	5/10/2022	Organic	Perylene-d12	n/a	=	104	%	EPA 525.2	-88	-88	50	120	
2021/22-4	Lab	srgt LCS dup	5/10/2022	Organic	Perylene-d12	n/a	=	5.19	µg/L	EPA 525.2	-88	-88			
2021/22-4	Lab	srgt LCS dup, rec	5/10/2022	Organic	Perylene-d12	n/a	=	104	%	EPA 525.2	-88	-88	50	120	
2021/22-4	Lab	srgt method blank	5/31/2022	Organic	Perylene-d12	n/a	=	4.46	µg/L	EPA 525.2	-88	-88			
2021/22-4	Lab	srgt method blank, rec	5/31/2022	Organic	Perylene-d12	n/a	=	89	%	EPA 525.2	-88	-88	50	120	
2021/22-4	Lab	srgt LCS	5/31/2022	Organic	Perylene-d12	n/a	=	4.65	µg/L	EPA 525.2	-88	-88			
2021/22-4	Lab	srgt LCS, rec	5/31/2022	Organic	Perylene-d12	n/a	=	93	%	EPA 525.2	-88	-88	50	120	
2021/22-4	Lab	srgt LCS dup	5/31/2022	Organic	Perylene-d12	n/a	=	4.59	µg/L	EPA 525.2	-88	-88			
2021/22-4	Lab	srgt LCS dup, rec	5/31/2022	Organic	Perylene-d12	n/a	=	92	%	EPA 525.2	-88	-88	50	120	
2021/22-4	Lab	srgt method blank	6/2/2022	Organic	Perylene-d12	n/a	=	3.97	µg/L	EPA 525.2	-88	-88			
2021/22-4	Lab	srgt method blank, rec	6/2/2022	Organic	Perylene-d12	n/a	=	79	%	EPA 525.2	-88	-88	50	120	
2021/22-4	Lab	srgt LCS	6/2/2022	Organic	Perylene-d12	n/a	=	4.57	µg/L	EPA 525.2	-88	-88			
2021/22-4	Lab	srgt LCS, rec	6/2/2022	Organic	Perylene-d12	n/a	=	91	%	EPA 525.2	-88	-88	50	120	
2021/22-4	Lab	srgt LCS dup	6/2/2022	Organic	Perylene-d12	n/a	=	4.61	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	
2021/22-4	Lab	srgt LCS dup, rec	6/2/2022	Organic	Perylene-d12	n/a	=	92	%	EPA 525.2	-88	-88	50	120	
2021/22-4	ME-CC	srgt environ	6/2/2022	Organic	Perylene-d12	n/a	=	4.2	µg/L	EPA 525.2	-88	-88			
2021/22-4	ME-CC	srgt environ, rec	6/2/2022	Organic	Perylene-d12	n/a	=	88	%	EPA 525.2	-88	-88	50	120	
2021/22-4	ME-SCR	srgt environ	5/31/2022	Organic	Perylene-d12	n/a	=	4.19	µg/L	EPA 525.2	-88	-88			
2021/22-4	ME-SCR	srgt environ, rec	5/31/2022	Organic	Perylene-d12	n/a	=	88	%	EPA 525.2	-88	-88	50	120	
2021/22-4	ME-VR2	srgt environ	5/10/2022	Organic	Perylene-d12	n/a	=	5.11	µg/L	EPA 525.2	-88	-88			
2021/22-4	ME-VR2	srgt environ, rec	5/10/2022	Organic	Perylene-d12	n/a	=	101	%	EPA 525.2	-88	-88	50	120	
2021/22-4	MO-CAM	srgt environ	6/2/2022	Organic	Perylene-d12	n/a	=	3.4	µg/L	EPA 525.2	-88	-88			
2021/22-4	MO-CAM	srgt environ, rec	6/2/2022	Organic	Perylene-d12	n/a	=	69	%	EPA 525.2	-88	-88	50	120	
2021/22-4	MO-FIL	srgt environ	5/31/2022	Organic	Perylene-d12	n/a	=	4.44	µg/L	EPA 525.2	-88	-88			
2021/22-4	MO-FIL	srgt environ, rec	5/31/2022	Organic	Perylene-d12	n/a	=	93	%	EPA 525.2	-88	-88	50	120	
2021/22-4	MO-HUE	srgt environ	5/10/2022	Organic	Perylene-d12	n/a	=	4.93	µg/L	EPA 525.2	-88	-88			
2021/22-4	MO-HUE	srgt environ, rec	5/10/2022	Organic	Perylene-d12	n/a	=	98	%	EPA 525.2	-88	-88	50	120	
2021/22-4	MO-OJA	srgt environ	5/10/2022	Organic	Perylene-d12	n/a	=	4.94	µg/L	EPA 525.2	-88	-88			
2021/22-4	MO-OJA	srgt environ, rec	5/10/2022	Organic	Perylene-d12	n/a	=	97	%	EPA 525.2	-88	-88	50	120	
2021/22-4	MO-SIM	srgt environ	6/2/2022	Organic	Perylene-d12	n/a	=	4.34	µg/L	EPA 525.2	-88	-88			
2021/22-4	MO-SIM	srgt environ, rec	6/2/2022	Organic	Perylene-d12	n/a	=	91	%	EPA 525.2	-88	-88	50	120	
2021/22-4	MO-THO	srgt environ	6/2/2022	Organic	Perylene-d12	n/a	=	4.4	µg/L	EPA 525.2	-88	-88			
2021/22-4	MO-THO	srgt environ, rec	6/2/2022	Organic	Perylene-d12	n/a	=	92	%	EPA 525.2	-88	-88	50	120	
2021/22-4	000NONPJ	matrix spike	6/6/2022	Organic	Phenanthrene	n/a	=	20.4	µg/L	EPA 625.1	0.32	1			
2021/22-4	000NONPJ	matrix spike, rec	6/6/2022	Organic	Phenanthrene	n/a	=	101	%	EPA 625.1	-88	-88	54	120	
2021/22-4	000NONPJ	matrix spike dup	6/6/2022	Organic	Phenanthrene	n/a	=	20.3	µg/L	EPA 625.1	0.32	1			
2021/22-4	000NONPJ	matrix spike dup, rec	6/6/2022	Organic	Phenanthrene	n/a	=	101	%	EPA 625.1	-88	-88	54	120	
2021/22-4	000NONPJ	matrix spike, RPD	6/6/2022	Organic	Phenanthrene	n/a	=	0.7	%	EPA 625.1	-88	-88	0	30	
2021/22-4	Lab	LCS	5/11/2022	Organic	Phenanthrene	n/a	=	17.5	µg/L	EPA 625.1	0.32	1			
2021/22-4	Lab	LCS, rec	5/11/2022	Organic	Phenanthrene	n/a	=	88	%	EPA 625.1	-88	-88	65	120	
2021/22-4	Lab	method blank	5/11/2022	Organic	Phenanthrene	n/a	<	0.32	µg/L	EPA 625.1	0.32	1			
2021/22-4	Lab	method blank	5/13/2022	Organic	Phenanthrene	n/a	<	0.029	µg/L	EPA 8270C	0.029	0.1			
2021/22-4	Lab	LCS	5/13/2022	Organic	Phenanthrene	n/a	=	17.6	µg/L	EPA 8270C	0.029	0.1			
2021/22-4	Lab	LCS, rec	5/13/2022	Organic	Phenanthrene	n/a	=	88	%	EPA 8270C	-88	-88	21	131	
2021/22-4	Lab	LCS	5/31/2022	Organic	Phenanthrene	n/a	=	19.8	µg/L	EPA 625.1	0.32	1			
2021/22-4	Lab	LCS, rec	5/31/2022	Organic	Phenanthrene	n/a	=	99	%	EPA 625.1	-88	-88	65	120	
2021/22-4	Lab	method blank	5/31/2022	Organic	Phenanthrene	n/a	<	0.32	µg/L	EPA 625.1	0.32	1			
2021/22-4	Lab	LCS	6/6/2022	Organic	Phenanthrene	n/a	=	18	µg/L	EPA 625.1	0.32	1			
2021/22-4	Lab	LCS, rec	6/6/2022	Organic	Phenanthrene	n/a	=	90	%	EPA 625.1	-88	-88	65	120	
2021/22-4	Lab	method blank	6/6/2022	Organic	Phenanthrene	n/a	<	0.32	µg/L	EPA 625.1	0.32	1			
2021/22-4	Lab	LCS	6/11/2022	Organic	Phenanthrene	n/a	=	19	µg/L	EPA 625.1	0.32	1			
2021/22-4	Lab	LCS, rec	6/11/2022	Organic	Phenanthrene	n/a	=	95	%	EPA 625.1	-88	-88	65	120	
2021/22-4	Lab	LCS dup	6/11/2022	Organic	Phenanthrene	n/a	=	18.7	µg/L	EPA 625.1	0.32	1			
2021/22-4	Lab	LCS dup, rec	6/11/2022	Organic	Phenanthrene	n/a	=	94	%	EPA 625.1	-88	-88	65	120	
2021/22-4	Lab	LCS, RPD	6/11/2022	Organic	Phenanthrene	n/a	=	2	%	EPA 625.1	-88	-88	0	30	
2021/22-4	Lab	method blank	6/11/2022	Organic	Phenanthrene	n/a	<	0.32	µg/L	EPA 625.1	0.32	1			
2021/22-4	Lab	method blank	6/25/2022	Organic	Phenanthrene	n/a	<	0.029	µg/L	EPA 8270C	0.029	0.1			
2021/22-4	Lab	LCS	6/25/2022	Organic	Phenanthrene	n/a	=	15.8	µg/L	EPA 8270C	0.029	0.1			
2021/22-4	Lab	LCS, rec	6/25/2022	Organic	Phenanthrene	n/a	=	79	%	EPA 8270C	-88	-88	21	131	
2021/22-4	ME-VR2	matrix spike	5/11/2022	Organic	Phenanthrene	n/a	=	17.7	µg/L	EPA 625.1	0.32	1			
2021/22-4	ME-VR2	matrix spike, rec	5/11/2022	Organic	Phenanthrene	n/a	=	88	%	EPA 625.1	-88	-88	54	120	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2021/22-4	ME-VR2	matrix spike dup	5/11/2022	Organic	Phenanthrene	n/a	=	17.9	µg/L	EPA 625.1	0.32	1			
2021/22-4	ME-VR2	matrix spike dup, rec	5/11/2022	Organic	Phenanthrene	n/a	=	88	%	EPA 625.1	-88	-88	54	120	
2021/22-4	ME-VR2	matrix spike, RPD	5/11/2022	Organic	Phenanthrene	n/a	=	0.9	%	EPA 625.1	-88	-88	0	30	
2021/22-4	ME-VR2	matrix spike	5/13/2022	Organic	Phenanthrene	n/a	=	17.3	µg/L	EPA 8270C	0.029	0.1			
2021/22-4	ME-VR2	matrix spike, rec	5/13/2022	Organic	Phenanthrene	n/a	=	86	%	EPA 8270C	-88	-88	8	145	
2021/22-4	ME-VR2	matrix spike dup	5/14/2022	Organic	Phenanthrene	n/a	=	17	µg/L	EPA 8270C	0.029	0.1			
2021/22-4	ME-VR2	matrix spike dup, rec	5/14/2022	Organic	Phenanthrene	n/a	=	84	%	EPA 8270C	-88	-88	8	145	
2021/22-4	ME-VR2	matrix spike, RPD	5/14/2022	Organic	Phenanthrene	n/a	=	2	%	EPA 8270C	-88	-88	0	30	
2021/22-4	MO-THO	matrix spike	5/31/2022	Organic	Phenanthrene	n/a	=	18.8	µg/L	EPA 625.1	0.32	1			
2021/22-4	MO-THO	matrix spike, rec	5/31/2022	Organic	Phenanthrene	n/a	=	99	%	EPA 625.1	-88	-88	54	120	
2021/22-4	MO-THO	matrix spike dup	5/31/2022	Organic	Phenanthrene	n/a	=	20.8	µg/L	EPA 625.1	0.32	1			
2021/22-4	MO-THO	matrix spike dup, rec	5/31/2022	Organic	Phenanthrene	n/a	=	110	%	EPA 625.1	-88	-88	54	120	
2021/22-4	MO-THO	matrix spike, RPD	5/31/2022	Organic	Phenanthrene	n/a	=	10	%	EPA 625.1	-88	-88	0	30	
2021/22-4	MO-THO	matrix spike	6/25/2022	Organic	Phenanthrene	n/a	=	15.1	µg/L	EPA 8270C	0.029	0.1			
2021/22-4	MO-THO	matrix spike, rec	6/25/2022	Organic	Phenanthrene	n/a	=	79	%	EPA 8270C	-88	-88	8	145	
2021/22-4	MO-THO	matrix spike dup	6/25/2022	Organic	Phenanthrene	n/a	=	15	µg/L	EPA 8270C	0.029	0.1			
2021/22-4	MO-THO	matrix spike dup, rec	6/25/2022	Organic	Phenanthrene	n/a	=	79	%	EPA 8270C	-88	-88	8	145	
2021/22-4	MO-THO	matrix spike, RPD	6/25/2022	Organic	Phenanthrene	n/a	=	0.4	%	EPA 8270C	-88	-88	0	30	
2021/22-4	000NONPJ	matrix spike	6/6/2022	Organic	Phenol	n/a	=	5.93	µg/L	EPA 625.1	0.81	1			
2021/22-4	000NONPJ	matrix spike, rec	6/6/2022	Organic	Phenol	n/a	=	29	%	EPA 625.1	-88	-88	5	120	
2021/22-4	000NONPJ	matrix spike dup	6/6/2022	Organic	Phenol	n/a	=	6.3	µg/L	EPA 625.1	0.81	1			
2021/22-4	000NONPJ	matrix spike dup, rec	6/6/2022	Organic	Phenol	n/a	=	31	%	EPA 625.1	-88	-88	5	120	
2021/22-4	000NONPJ	matrix spike, RPD	6/6/2022	Organic	Phenol	n/a	=	6	%	EPA 625.1	-88	-88	0	30	
2021/22-4	Lab	LCS	5/11/2022	Organic	Phenol	n/a	=	7.59	µg/L	EPA 625.1	0.81	1			
2021/22-4	Lab	LCS, rec	5/11/2022	Organic	Phenol	n/a	=	38	%	EPA 625.1	-88	-88	17	120	
2021/22-4	Lab	method blank	5/11/2022	Organic	Phenol	n/a	<	0.81	µg/L	EPA 625.1	0.81	1			
2021/22-4	Lab	method blank	5/26/2022	Organic	Phenol	n/a	<	0.35	µg/L	EPA 8270C	0.35	1			
2021/22-4	Lab	LCS	5/26/2022	Organic	Phenol	n/a	=	8.03	µg/L	EPA 8270C	0.35	1			
2021/22-4	Lab	LCS, rec	5/26/2022	Organic	Phenol	n/a	=	40	%	EPA 8270C	-88	-88	6	43	
2021/22-4	Lab	LCS	5/31/2022	Organic	Phenol	n/a	=	5.48	µg/L	EPA 625.1	0.81	1			
2021/22-4	Lab	LCS, rec	5/31/2022	Organic	Phenol	n/a	=	27	%	EPA 625.1	-88	-88	17	120	
2021/22-4	Lab	method blank	5/31/2022	Organic	Phenol	n/a	<	0.81	µg/L	EPA 625.1	0.81	1			
2021/22-4	Lab	LCS	6/6/2022	Organic	Phenol	n/a	=	6.3	µg/L	EPA 625.1	0.81	1			
2021/22-4	Lab	LCS, rec	6/6/2022	Organic	Phenol	n/a	=	31	%	EPA 625.1	-88	-88	17	120	
2021/22-4	Lab	method blank	6/6/2022	Organic	Phenol	n/a	<	0.81	µg/L	EPA 625.1	0.81	1			
2021/22-4	Lab	LCS	6/11/2022	Organic	Phenol	n/a	=	6.76	µg/L	EPA 625.1	0.81	1			
2021/22-4	Lab	LCS, rec	6/11/2022	Organic	Phenol	n/a	=	34	%	EPA 625.1	-88	-88	17	120	
2021/22-4	Lab	LCS dup	6/11/2022	Organic	Phenol	n/a	=	7.08	µg/L	EPA 625.1	0.81	1			
2021/22-4	Lab	LCS dup, rec	6/11/2022	Organic	Phenol	n/a	=	35	%	EPA 625.1	-88	-88	17	120	
2021/22-4	Lab	LCS, RPD	6/11/2022	Organic	Phenol	n/a	=	5	%	EPA 625.1	-88	-88	0	30	
2021/22-4	Lab	method blank	6/11/2022	Organic	Phenol	n/a	<	0.81	µg/L	EPA 625.1	0.81	1			
2021/22-4	Lab	method blank	6/24/2022	Organic	Phenol	n/a	<	0.35	µg/L	EPA 8270C	0.35	1			
2021/22-4	Lab	LCS	6/24/2022	Organic	Phenol	n/a	=	6.29	µg/L	EPA 8270C	0.35	1			
2021/22-4	Lab	LCS, rec	6/24/2022	Organic	Phenol	n/a	=	31	%	EPA 8270C	-88	-88	6	43	
2021/22-4	ME-VR2	matrix spike	5/11/2022	Organic	Phenol	n/a	=	7.06	µg/L	EPA 625.1	0.81	1			
2021/22-4	ME-VR2	matrix spike, rec	5/11/2022	Organic	Phenol	n/a	=	35	%	EPA 625.1	-88	-88	5	120	
2021/22-4	ME-VR2	matrix spike dup	5/11/2022	Organic	Phenol	n/a	=	6.84	µg/L	EPA 625.1	0.81	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	
2021/22-4	ME-VR2	matrix spike dup, rec	5/11/2022	Organic	Phenol	n/a	=	34	%	EPA 625.1	-88	-88	5	120	
2021/22-4	ME-VR2	matrix spike, RPD	5/11/2022	Organic	Phenol	n/a	=	3	%	EPA 625.1	-88	-88	0	30	
2021/22-4	ME-VR2	matrix spike	5/26/2022	Organic	Phenol	n/a	=	7.11	µg/L	EPA 8270C	0.35	1			
2021/22-4	ME-VR2	matrix spike, rec	5/26/2022	Organic	Phenol	n/a	=	35	%	EPA 8270C	-88	-88	5	55	
2021/22-4	ME-VR2	matrix spike dup	5/26/2022	Organic	Phenol	n/a	=	7.05	µg/L	EPA 8270C	0.35	1			
2021/22-4	ME-VR2	matrix spike dup, rec	5/26/2022	Organic	Phenol	n/a	=	35	%	EPA 8270C	-88	-88	5	55	
2021/22-4	ME-VR2	matrix spike, RPD	5/26/2022	Organic	Phenol	n/a	=	0.8	%	EPA 8270C	-88	-88	0	30	
2021/22-4	MO-THO	matrix spike	5/31/2022	Organic	Phenol	n/a	=	5.52	µg/L	EPA 625.1	0.81	1			
2021/22-4	MO-THO	matrix spike, rec	5/31/2022	Organic	Phenol	n/a	=	29	%	EPA 625.1	-88	-88	5	120	
2021/22-4	MO-THO	matrix spike dup	5/31/2022	Organic	Phenol	n/a	=	5.83	µg/L	EPA 625.1	0.81	1			
2021/22-4	MO-THO	matrix spike dup, rec	5/31/2022	Organic	Phenol	n/a	=	31	%	EPA 625.1	-88	-88	5	120	
2021/22-4	MO-THO	matrix spike, RPD	5/31/2022	Organic	Phenol	n/a	=	6	%	EPA 625.1	-88	-88	0	30	
2021/22-4	MO-THO	matrix spike	6/24/2022	Organic	Phenol	n/a	=	5.65	µg/L	EPA 8270C	0.35	1			
2021/22-4	MO-THO	matrix spike, rec	6/24/2022	Organic	Phenol	n/a	=	30	%	EPA 8270C	-88	-88	5	55	
2021/22-4	MO-THO	matrix spike dup	6/24/2022	Organic	Phenol	n/a	=	5.95	µg/L	EPA 8270C	0.35	1			
2021/22-4	MO-THO	matrix spike dup, rec	6/24/2022	Organic	Phenol	n/a	=	31	%	EPA 8270C	-88	-88	5	55	
2021/22-4	MO-THO	matrix spike, RPD	6/24/2022	Organic	Phenol	n/a	=	5	%	EPA 8270C	-88	-88	0	30	
2021/22-4	000NONPJ	srgt matrix spike	6/6/2022	Organic	Phenol-d5	n/a	=	13.4	µg/L	EPA 625.1	-88	-88			
2021/22-4	000NONPJ	srgt matrix spike, rec	6/6/2022	Organic	Phenol-d5	n/a	=	33	%	EPA 625.1	-88	-88	12	120	
2021/22-4	000NONPJ	srgt matrix spike dup	6/6/2022	Organic	Phenol-d5	n/a	=	14	µg/L	EPA 625.1	-88	-88			
2021/22-4	000NONPJ	srgt matrix spike dup, rec	6/6/2022	Organic	Phenol-d5	n/a	=	35	%	EPA 625.1	-88	-88	12	120	
2021/22-4	Lab	srgt LCS	5/11/2022	Organic	Phenol-d5	n/a	=	17.3	µg/L	EPA 625.1	-88	-88			
2021/22-4	Lab	srgt LCS, rec	5/11/2022	Organic	Phenol-d5	n/a	=	43	%	EPA 625.1	-88	-88	12	120	
2021/22-4	Lab	srgt method blank	5/11/2022	Organic	Phenol-d5	n/a	=	16.6	µg/L	EPA 625.1	-88	-88			
2021/22-4	Lab	srgt method blank, rec	5/11/2022	Organic	Phenol-d5	n/a	=	42	%	EPA 625.1	-88	-88	12	120	
2021/22-4	Lab	srgt method blank	5/26/2022	Organic	Phenol-d5	n/a	=	14	µg/L	EPA 8270C	-88	-88			
2021/22-4	Lab	srgt method blank, rec	5/26/2022	Organic	Phenol-d5	n/a	=	35	%	EPA 8270C	-88	-88	5	46	
2021/22-4	Lab	srgt LCS	5/26/2022	Organic	Phenol-d5	n/a	=	15.9	µg/L	EPA 8270C	-88	-88			
2021/22-4	Lab	srgt LCS, rec	5/26/2022	Organic	Phenol-d5	n/a	=	40	%	EPA 8270C	-88	-88	5	46	
2021/22-4	Lab	srgt LCS	5/31/2022	Organic	Phenol-d5	n/a	=	12.2	µg/L	EPA 625.1	-88	-88			
2021/22-4	Lab	srgt LCS, rec	5/31/2022	Organic	Phenol-d5	n/a	=	31	%	EPA 625.1	-88	-88	12	120	
2021/22-4	Lab	srgt method blank	5/31/2022	Organic	Phenol-d5	n/a	=	12.9	µg/L	EPA 625.1	-88	-88			
2021/22-4	Lab	srgt method blank, rec	5/31/2022	Organic	Phenol-d5	n/a	=	32	%	EPA 625.1	-88	-88	12	120	
2021/22-4	Lab	srgt LCS	6/6/2022	Organic	Phenol-d5	n/a	=	14.2	µg/L	EPA 625.1	-88	-88			
2021/22-4	Lab	srgt LCS, rec	6/6/2022	Organic	Phenol-d5	n/a	=	36	%	EPA 625.1	-88	-88	12	120	
2021/22-4	Lab	srgt method blank	6/6/2022	Organic	Phenol-d5	n/a	=	14.8	µg/L	EPA 625.1	-88	-88			
2021/22-4	Lab	srgt method blank, rec	6/6/2022	Organic	Phenol-d5	n/a	=	37	%	EPA 625.1	-88	-88	12	120	
2021/22-4	Lab	srgt LCS	6/11/2022	Organic	Phenol-d5	n/a	=	13.8	µg/L	EPA 625.1	-88	-88			
2021/22-4	Lab	srgt LCS, rec	6/11/2022	Organic	Phenol-d5	n/a	=	34	%	EPA 625.1	-88	-88	12	120	
2021/22-4	Lab	srgt LCS dup	6/11/2022	Organic	Phenol-d5	n/a	=	14.4	µg/L	EPA 625.1	-88	-88			
2021/22-4	Lab	srgt LCS dup, rec	6/11/2022	Organic	Phenol-d5	n/a	=	36	%	EPA 625.1	-88	-88	12	120	
2021/22-4	Lab	srgt method blank	6/11/2022	Organic	Phenol-d5	n/a	=	13.9	µg/L	EPA 625.1	-88	-88			
2021/22-4	Lab	srgt method blank, rec	6/11/2022	Organic	Phenol-d5	n/a	=	35	%	EPA 625.1	-88	-88	12	120	
2021/22-4	Lab	srgt method blank	6/24/2022	Organic	Phenol-d5	n/a	=	12.6	µg/L	EPA 8270C	-88	-88			
2021/22-4	Lab	srgt method blank, rec	6/24/2022	Organic	Phenol-d5	n/a	=	31	%	EPA 8270C	-88	-88	5	46	
2021/22-4	Lab	srgt LCS	6/24/2022	Organic	Phenol-d5	n/a	=	13	µg/L	EPA 8270C	-88	-88			
2021/22-4	Lab	srgt LCS, rec	6/24/2022	Organic	Phenol-d5	n/a	=	33	%	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	
2021/22-4	ME-CC	srgt environ	6/1/2022	Organic	Phenol-d5	n/a	=	15.3	µg/L	EPA 625.1	-88	-88			
2021/22-4	ME-CC	srgt environ, rec	6/1/2022	Organic	Phenol-d5	n/a	=	40	%	EPA 625.1	-88	-88	12	120	
2021/22-4	ME-CC	srgt environ	6/24/2022	Organic	Phenol-d5	n/a	=	14.3	µg/L	EPA 8270C	-88	-88			
2021/22-4	ME-CC	srgt environ, rec	6/24/2022	Organic	Phenol-d5	n/a	=	37	%	EPA 8270C	-88	-88	5	46	
2021/22-4	ME-SCR	srgt environ	6/7/2022	Organic	Phenol-d5	n/a	=	10.6	µg/L	EPA 625.1	-88	-88			
2021/22-4	ME-SCR	srgt environ, rec	6/7/2022	Organic	Phenol-d5	n/a	=	28	%	EPA 625.1	-88	-88	12	120	
2021/22-4	ME-SCR	srgt environ	6/11/2022	Organic	Phenol-d5	n/a	=	12.2	µg/L	EPA 625.1	-88	-88			
2021/22-4	ME-SCR	srgt environ, rec	6/11/2022	Organic	Phenol-d5	n/a	=	32	%	EPA 625.1	-88	-88	12	120	
2021/22-4	ME-SCR	srgt environ	6/24/2022	Organic	Phenol-d5	n/a	=	3.01	µg/L	EPA 8270C	-88	-88			
2021/22-4	ME-SCR	srgt environ, rec	6/24/2022	Organic	Phenol-d5	n/a	=	32	%	EPA 8270C	-88	-88	5	46	
2021/22-4	ME-VR2	srgt matrix spike	5/11/2022	Organic	Phenol-d5	n/a	=	15.2	µg/L	EPA 625.1	-88	-88			
2021/22-4	ME-VR2	srgt matrix spike, rec	5/11/2022	Organic	Phenol-d5	n/a	=	38	%	EPA 625.1	-88	-88	12	120	
2021/22-4	ME-VR2	srgt matrix spike dup	5/11/2022	Organic	Phenol-d5	n/a	=	14.9	µg/L	EPA 625.1	-88	-88			
2021/22-4	ME-VR2	srgt matrix spike dup, rec	5/11/2022	Organic	Phenol-d5	n/a	=	37	%	EPA 625.1	-88	-88	12	120	
2021/22-4	ME-VR2	srgt environ	5/12/2022	Organic	Phenol-d5	n/a	=	14.6	µg/L	EPA 625.1	-88	-88			
2021/22-4	ME-VR2	srgt environ, rec	5/12/2022	Organic	Phenol-d5	n/a	=	36	%	EPA 625.1	-88	-88	12	120	
2021/22-4	ME-VR2	srgt matrix spike	5/26/2022	Organic	Phenol-d5	n/a	=	13.4	µg/L	EPA 8270C	-88	-88			
2021/22-4	ME-VR2	srgt matrix spike, rec	5/26/2022	Organic	Phenol-d5	n/a	=	34	%	EPA 8270C	-88	-88	5	46	
2021/22-4	ME-VR2	srgt matrix spike dup	5/26/2022	Organic	Phenol-d5	n/a	=	13.3	µg/L	EPA 8270C	-88	-88			
2021/22-4	ME-VR2	srgt matrix spike dup, rec	5/26/2022	Organic	Phenol-d5	n/a	=	33	%	EPA 8270C	-88	-88	5	46	
2021/22-4	ME-VR2	srgt environ	5/26/2022	Organic	Phenol-d5	n/a	=	12.1	µg/L	EPA 8270C	-88	-88			
2021/22-4	ME-VR2	srgt environ, rec	5/26/2022	Organic	Phenol-d5	n/a	=	30	%	EPA 8270C	-88	-88	5	46	
2021/22-4	MO-CAM	srgt environ	6/1/2022	Organic	Phenol-d5	n/a	=	13.1	µg/L	EPA 625.1	-88	-88			
2021/22-4	MO-CAM	srgt environ, rec	6/1/2022	Organic	Phenol-d5	n/a	=	33	%	EPA 625.1	-88	-88	12	120	
2021/22-4	MO-CAM	srgt environ	6/24/2022	Organic	Phenol-d5	n/a	=	12.1	µg/L	EPA 8270C	-88	-88			
2021/22-4	MO-CAM	srgt environ, rec	6/24/2022	Organic	Phenol-d5	n/a	=	31	%	EPA 8270C	-88	-88	5	46	
2021/22-4	MO-FIL	srgt environ	6/7/2022	Organic	Phenol-d5	n/a	=	10.4	µg/L	EPA 625.1	-88	-88			
2021/22-4	MO-FIL	srgt environ, rec	6/7/2022	Organic	Phenol-d5	n/a	=	27	%	EPA 625.1	-88	-88	12	120	
2021/22-4	MO-FIL	srgt environ	6/24/2022	Organic	Phenol-d5	n/a	=	2.99	µg/L	EPA 8270C	-88	-88			
2021/22-4	MO-FIL	srgt environ, rec	6/24/2022	Organic	Phenol-d5	n/a	=	32	%	EPA 8270C	-88	-88	5	46	
2021/22-4	MO-HUE	srgt environ	5/12/2022	Organic	Phenol-d5	n/a	=	15.3	µg/L	EPA 625.1	-88	-88			
2021/22-4	MO-HUE	srgt environ, rec	5/12/2022	Organic	Phenol-d5	n/a	=	38	%	EPA 625.1	-88	-88	12	120	
2021/22-4	MO-HUE	srgt environ	5/26/2022	Organic	Phenol-d5	n/a	=	13	µg/L	EPA 8270C	-88	-88			
2021/22-4	MO-HUE	srgt environ, rec	5/26/2022	Organic	Phenol-d5	n/a	=	32	%	EPA 8270C	-88	-88	5	46	
2021/22-4	MO-OJA	srgt environ	5/12/2022	Organic	Phenol-d5	n/a	=	16.4	µg/L	EPA 625.1	-88	-88			
2021/22-4	MO-OJA	srgt environ, rec	5/12/2022	Organic	Phenol-d5	n/a	=	40	%	EPA 625.1	-88	-88	12	120	
2021/22-4	MO-OJA	srgt environ	5/26/2022	Organic	Phenol-d5	n/a	=	14.6	µg/L	EPA 8270C	-88	-88			
2021/22-4	MO-OJA	srgt environ, rec	5/26/2022	Organic	Phenol-d5	n/a	=	36	%	EPA 8270C	-88	-88	5	46	
2021/22-4	MO-SIM	srgt environ	6/1/2022	Organic	Phenol-d5	n/a	=	11.5	µg/L	EPA 625.1	-88	-88			
2021/22-4	MO-SIM	srgt environ, rec	6/1/2022	Organic	Phenol-d5	n/a	=	30	%	EPA 625.1	-88	-88	12	120	
2021/22-4	MO-SIM	srgt environ	6/24/2022	Organic	Phenol-d5	n/a	=	11	µg/L	EPA 8270C	-88	-88			
2021/22-4	MO-SIM	srgt environ, rec	6/24/2022	Organic	Phenol-d5	n/a	=	29	%	EPA 8270C	-88	-88	5	46	
2021/22-4	MO-THO	srgt matrix spike	5/31/2022	Organic	Phenol-d5	n/a	=	11.9	µg/L	EPA 625.1	-88	-88			
2021/22-4	MO-THO	srgt matrix spike, rec	5/31/2022	Organic	Phenol-d5	n/a	=	31	%	EPA 625.1	-88	-88	12	120	
2021/22-4	MO-THO	srgt matrix spike dup	5/31/2022	Organic	Phenol-d5	n/a	=	12.8	µg/L	EPA 625.1	-88	-88			
2021/22-4	MO-THO	srgt matrix spike dup, rec	5/31/2022	Organic	Phenol-d5	n/a	=	34	%	EPA 625.1	-88	-88	12	120	
2021/22-4	MO-THO	srgt environ	6/1/2022	Organic	Phenol-d5	n/a	=	9.81	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	
2021/22-4	MO-THO	srgt environ, rec	6/1/2022	Organic	Phenol-d5	n/a	=	26	%	EPA 625.1	-88	-88	12	120	
2021/22-4	MO-THO	srgt matrix spike	6/24/2022	Organic	Phenol-d5	n/a	=	11.6	µg/L	EPA 8270C	-88	-88			
2021/22-4	MO-THO	srgt matrix spike, rec	6/24/2022	Organic	Phenol-d5	n/a	=	30	%	EPA 8270C	-88	-88	5	46	
2021/22-4	MO-THO	srgt matrix spike dup	6/24/2022	Organic	Phenol-d5	n/a	=	12.3	µg/L	EPA 8270C	-88	-88			
2021/22-4	MO-THO	srgt matrix spike dup, rec	6/24/2022	Organic	Phenol-d5	n/a	=	33	%	EPA 8270C	-88	-88	5	46	
2021/22-4	MO-THO	srgt environ	6/24/2022	Organic	Phenol-d5	n/a	=	9.99	µg/L	EPA 8270C	-88	-88			
2021/22-4	MO-THO	srgt environ, rec	6/24/2022	Organic	Phenol-d5	n/a	=	26	%	EPA 8270C	-88	-88	5	46	
2021/22-4	000NONPJ	srgt matrix spike	6/6/2022	Organic	p-Terphenyl-d14	n/a	=	23.8	µg/L	EPA 625.1	-88	-88			
2021/22-4	000NONPJ	srgt matrix spike, rec	6/6/2022	Organic	p-Terphenyl-d14	n/a	=	118	%	EPA 625.1	-88	-88	44	129	
2021/22-4	000NONPJ	srgt matrix spike dup	6/6/2022	Organic	p-Terphenyl-d14	n/a	=	24.3	µg/L	EPA 625.1	-88	-88			
2021/22-4	000NONPJ	srgt matrix spike dup, rec	6/6/2022	Organic	p-Terphenyl-d14	n/a	=	121	%	EPA 625.1	-88	-88	44	129	
2021/22-4	Lab	srgt LCS	5/11/2022	Organic	p-Terphenyl-d14	n/a	=	19.9	µg/L	EPA 625.1	-88	-88			
2021/22-4	Lab	srgt LCS, rec	5/11/2022	Organic	p-Terphenyl-d14	n/a	=	99	%	EPA 625.1	-88	-88	44	129	
2021/22-4	Lab	srgt method blank	5/11/2022	Organic	p-Terphenyl-d14	n/a	=	22.6	µg/L	EPA 625.1	-88	-88			
2021/22-4	Lab	srgt method blank, rec	5/11/2022	Organic	p-Terphenyl-d14	n/a	=	113	%	EPA 625.1	-88	-88	44	129	
2021/22-4	Lab	srgt method blank	5/13/2022	Organic	p-Terphenyl-d14	n/a	=	24.8	µg/L	EPA 8270C	-88	-88			
2021/22-4	Lab	srgt method blank, rec	5/13/2022	Organic	p-Terphenyl-d14	n/a	=	124	%	EPA 8270C	-88	-88	19	134	
2021/22-4	Lab	srgt LCS	5/13/2022	Organic	p-Terphenyl-d14	n/a	=	23.1	µg/L	EPA 8270C	-88	-88			
2021/22-4	Lab	srgt LCS, rec	5/13/2022	Organic	p-Terphenyl-d14	n/a	=	115	%	EPA 8270C	-88	-88	19	134	
2021/22-4	Lab	srgt LCS	5/31/2022	Organic	p-Terphenyl-d14	n/a	=	25.1	µg/L	EPA 625.1	-88	-88			
2021/22-4	Lab	srgt LCS, rec	5/31/2022	Organic	p-Terphenyl-d14	n/a	=	125	%	EPA 625.1	-88	-88	44	129	
2021/22-4	Lab	srgt method blank	5/31/2022	Organic	p-Terphenyl-d14	n/a	=	25.7	µg/L	EPA 625.1	-88	-88			
2021/22-4	Lab	srgt method blank, rec	5/31/2022	Organic	p-Terphenyl-d14	n/a	=	128	%	EPA 625.1	-88	-88	44	129	
2021/22-4	Lab	srgt LCS	6/6/2022	Organic	p-Terphenyl-d14	n/a	=	19.7	µg/L	EPA 625.1	-88	-88			
2021/22-4	Lab	srgt LCS, rec	6/6/2022	Organic	p-Terphenyl-d14	n/a	=	98	%	EPA 625.1	-88	-88	44	129	
2021/22-4	Lab	srgt method blank	6/6/2022	Organic	p-Terphenyl-d14	n/a	=	23	µg/L	EPA 625.1	-88	-88			
2021/22-4	Lab	srgt method blank, rec	6/6/2022	Organic	p-Terphenyl-d14	n/a	=	115	%	EPA 625.1	-88	-88	44	129	
2021/22-4	Lab	srgt LCS	6/11/2022	Organic	p-Terphenyl-d14	n/a	=	21.5	µg/L	EPA 625.1	-88	-88			
2021/22-4	Lab	srgt LCS, rec	6/11/2022	Organic	p-Terphenyl-d14	n/a	=	108	%	EPA 625.1	-88	-88	44	129	
2021/22-4	Lab	srgt LCS dup	6/11/2022	Organic	p-Terphenyl-d14	n/a	=	21.5	µg/L	EPA 625.1	-88	-88			
2021/22-4	Lab	srgt LCS dup, rec	6/11/2022	Organic	p-Terphenyl-d14	n/a	=	108	%	EPA 625.1	-88	-88	44	129	
2021/22-4	Lab	srgt method blank	6/11/2022	Organic	p-Terphenyl-d14	n/a	=	21.9	µg/L	EPA 625.1	-88	-88			
2021/22-4	Lab	srgt method blank, rec	6/11/2022	Organic	p-Terphenyl-d14	n/a	=	110	%	EPA 625.1	-88	-88	44	129	
2021/22-4	Lab	srgt method blank	6/25/2022	Organic	p-Terphenyl-d14	n/a	=	21	µg/L	EPA 8270C	-88	-88			
2021/22-4	Lab	srgt method blank, rec	6/25/2022	Organic	p-Terphenyl-d14	n/a	=	105	%	EPA 8270C	-88	-88	19	134	
2021/22-4	Lab	srgt LCS	6/25/2022	Organic	p-Terphenyl-d14	n/a	=	19.9	µg/L	EPA 8270C	-88	-88			
2021/22-4	Lab	srgt LCS, rec	6/25/2022	Organic	p-Terphenyl-d14	n/a	=	100	%	EPA 8270C	-88	-88	19	134	
2021/22-4	ME-CC	srgt environ	6/1/2022	Organic	p-Terphenyl-d14	n/a	=	25.3	µg/L	EPA 625.1	-88	-88			GN
2021/22-4	ME-CC	srgt environ, rec	6/1/2022	Organic	p-Terphenyl-d14	n/a	=	133	%	EPA 625.1	-88	-88	44	129	GN
2021/22-4	ME-CC	srgt environ	6/25/2022	Organic	p-Terphenyl-d14	n/a	=	19.5	µg/L	EPA 8270C	-88	-88			
2021/22-4	ME-CC	srgt environ, rec	6/25/2022	Organic	p-Terphenyl-d14	n/a	=	102	%	EPA 8270C	-88	-88	19	134	
2021/22-4	ME-SCR	srgt environ	6/7/2022	Organic	p-Terphenyl-d14	n/a	=	18.2	µg/L	EPA 625.1	-88	-88			
2021/22-4	ME-SCR	srgt environ, rec	6/7/2022	Organic	p-Terphenyl-d14	n/a	=	96	%	EPA 625.1	-88	-88	44	129	
2021/22-4	ME-SCR	srgt environ	6/11/2022	Organic	p-Terphenyl-d14	n/a	=	20	µg/L	EPA 625.1	-88	-88			
2021/22-4	ME-SCR	srgt environ, rec	6/11/2022	Organic	p-Terphenyl-d14	n/a	=	105	%	EPA 625.1	-88	-88	44	129	
2021/22-4	ME-SCR	srgt environ	6/25/2022	Organic	p-Terphenyl-d14	n/a	=	4.66	µg/L	EPA 8270C	-88	-88			
2021/22-4	ME-SCR	srgt environ, rec	6/25/2022	Organic	p-Terphenyl-d14	n/a	=	98	%	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	
2021/22-4	ME-VR2	srgt matrix spike	5/11/2022	Organic	p-Terphenyl-d14	n/a	=	21	µg/L	EPA 625.1	-88	-88			
2021/22-4	ME-VR2	srgt matrix spike, rec	5/11/2022	Organic	p-Terphenyl-d14	n/a	=	105	%	EPA 625.1	-88	-88	44	129	
2021/22-4	ME-VR2	srgt matrix spike dup	5/11/2022	Organic	p-Terphenyl-d14	n/a	=	20.5	µg/L	EPA 625.1	-88	-88			
2021/22-4	ME-VR2	srgt matrix spike dup, rec	5/11/2022	Organic	p-Terphenyl-d14	n/a	=	101	%	EPA 625.1	-88	-88	44	129	
2021/22-4	ME-VR2	srgt environ	5/12/2022	Organic	p-Terphenyl-d14	n/a	=	19	µg/L	EPA 625.1	-88	-88			
2021/22-4	ME-VR2	srgt environ, rec	5/12/2022	Organic	p-Terphenyl-d14	n/a	=	94	%	EPA 625.1	-88	-88	44	129	
2021/22-4	ME-VR2	srgt matrix spike	5/13/2022	Organic	p-Terphenyl-d14	n/a	=	20.5	µg/L	EPA 8270C	-88	-88			
2021/22-4	ME-VR2	srgt matrix spike, rec	5/13/2022	Organic	p-Terphenyl-d14	n/a	=	102	%	EPA 8270C	-88	-88	19	134	
2021/22-4	ME-VR2	srgt matrix spike dup	5/14/2022	Organic	p-Terphenyl-d14	n/a	=	21.4	µg/L	EPA 8270C	-88	-88			
2021/22-4	ME-VR2	srgt matrix spike dup, rec	5/14/2022	Organic	p-Terphenyl-d14	n/a	=	106	%	EPA 8270C	-88	-88	19	134	
2021/22-4	ME-VR2	srgt environ	5/14/2022	Organic	p-Terphenyl-d14	n/a	=	20.6	µg/L	EPA 8270C	-88	-88			
2021/22-4	ME-VR2	srgt environ, rec	5/14/2022	Organic	p-Terphenyl-d14	n/a	=	102	%	EPA 8270C	-88	-88	19	134	
2021/22-4	MO-CAM	srgt environ	6/1/2022	Organic	p-Terphenyl-d14	n/a	=	25.3	µg/L	EPA 625.1	-88	-88			
2021/22-4	MO-CAM	srgt environ, rec	6/1/2022	Organic	p-Terphenyl-d14	n/a	=	128	%	EPA 625.1	-88	-88	44	129	
2021/22-4	MO-CAM	srgt environ	6/25/2022	Organic	p-Terphenyl-d14	n/a	=	19.5	µg/L	EPA 8270C	-88	-88			
2021/22-4	MO-CAM	srgt environ, rec	6/25/2022	Organic	p-Terphenyl-d14	n/a	=	99	%	EPA 8270C	-88	-88	19	134	
2021/22-4	MO-FIL	srgt environ	6/7/2022	Organic	p-Terphenyl-d14	n/a	=	18.8	µg/L	EPA 625.1	-88	-88			
2021/22-4	MO-FIL	srgt environ, rec	6/7/2022	Organic	p-Terphenyl-d14	n/a	=	99	%	EPA 625.1	-88	-88	44	129	
2021/22-4	MO-FIL	srgt environ	6/25/2022	Organic	p-Terphenyl-d14	n/a	=	5.55	µg/L	EPA 8270C	-88	-88			
2021/22-4	MO-FIL	srgt environ, rec	6/25/2022	Organic	p-Terphenyl-d14	n/a	=	117	%	EPA 8270C	-88	-88	19	134	
2021/22-4	MO-HUE	srgt environ	5/12/2022	Organic	p-Terphenyl-d14	n/a	=	20.4	µg/L	EPA 625.1	-88	-88			
2021/22-4	MO-HUE	srgt environ, rec	5/12/2022	Organic	p-Terphenyl-d14	n/a	=	101	%	EPA 625.1	-88	-88	44	129	
2021/22-4	MO-HUE	srgt environ	5/14/2022	Organic	p-Terphenyl-d14	n/a	=	23.5	µg/L	EPA 8270C	-88	-88			
2021/22-4	MO-HUE	srgt environ, rec	5/14/2022	Organic	p-Terphenyl-d14	n/a	=	116	%	EPA 8270C	-88	-88	19	134	
2021/22-4	MO-OJA	srgt environ	5/12/2022	Organic	p-Terphenyl-d14	n/a	=	20.8	µg/L	EPA 625.1	-88	-88			
2021/22-4	MO-OJA	srgt environ, rec	5/12/2022	Organic	p-Terphenyl-d14	n/a	=	102	%	EPA 625.1	-88	-88	44	129	
2021/22-4	MO-OJA	srgt environ	5/14/2022	Organic	p-Terphenyl-d14	n/a	=	23.6	µg/L	EPA 8270C	-88	-88			
2021/22-4	MO-OJA	srgt environ, rec	5/14/2022	Organic	p-Terphenyl-d14	n/a	=	116	%	EPA 8270C	-88	-88	19	134	
2021/22-4	MO-SIM	srgt environ	6/1/2022	Organic	p-Terphenyl-d14	n/a	=	23.3	µg/L	EPA 625.1	-88	-88			
2021/22-4	MO-SIM	srgt environ, rec	6/1/2022	Organic	p-Terphenyl-d14	n/a	=	123	%	EPA 625.1	-88	-88	44	129	
2021/22-4	MO-SIM	srgt environ	6/25/2022	Organic	p-Terphenyl-d14	n/a	=	18.2	µg/L	EPA 8270C	-88	-88			
2021/22-4	MO-SIM	srgt environ, rec	6/25/2022	Organic	p-Terphenyl-d14	n/a	=	95	%	EPA 8270C	-88	-88	19	134	
2021/22-4	MO-THO	srgt matrix spike	5/31/2022	Organic	p-Terphenyl-d14	n/a	=	24	µg/L	EPA 625.1	-88	-88			
2021/22-4	MO-THO	srgt matrix spike, rec	5/31/2022	Organic	p-Terphenyl-d14	n/a	=	126	%	EPA 625.1	-88	-88	44	129	
2021/22-4	MO-THO	srgt matrix spike dup	5/31/2022	Organic	p-Terphenyl-d14	n/a	=	25.4	µg/L	EPA 625.1	-88	-88			
2021/22-4	MO-THO	srgt matrix spike dup, rec	5/31/2022	Organic	p-Terphenyl-d14	n/a	=	134	%	EPA 625.1	-88	-88	44	129	GN
2021/22-4	MO-THO	srgt environ	6/1/2022	Organic	p-Terphenyl-d14	n/a	=	21.9	µg/L	EPA 625.1	-88	-88			
2021/22-4	MO-THO	srgt environ, rec	6/1/2022	Organic	p-Terphenyl-d14	n/a	=	115	%	EPA 625.1	-88	-88	44	129	
2021/22-4	MO-THO	srgt matrix spike	6/25/2022	Organic	p-Terphenyl-d14	n/a	=	18.6	µg/L	EPA 8270C	-88	-88			
2021/22-4	MO-THO	srgt matrix spike, rec	6/25/2022	Organic	p-Terphenyl-d14	n/a	=	98	%	EPA 8270C	-88	-88	19	134	
2021/22-4	MO-THO	srgt matrix spike dup	6/25/2022	Organic	p-Terphenyl-d14	n/a	=	18.9	µg/L	EPA 8270C	-88	-88			
2021/22-4	MO-THO	srgt matrix spike dup, rec	6/25/2022	Organic	p-Terphenyl-d14	n/a	=	100	%	EPA 8270C	-88	-88	19	134	
2021/22-4	MO-THO	srgt environ	6/25/2022	Organic	p-Terphenyl-d14	n/a	=	18.1	µg/L	EPA 8270C	-88	-88			
2021/22-4	MO-THO	srgt environ, rec	6/25/2022	Organic	p-Terphenyl-d14	n/a	=	95	%	EPA 8270C	-88	-88	19	134	
2021/22-4	000NONPJ	matrix spike	6/6/2022	Organic	Pyrene	n/a	=	22.2	µg/L	EPA 625.1	0.25	1			
2021/22-4	000NONPJ	matrix spike, rec	6/6/2022	Organic	Pyrene	n/a	=	110	%	EPA 625.1	-88	-88	52	120	
2021/22-4	000NONPJ	matrix spike dup	6/6/2022	Organic	Pyrene	n/a	=	23.4	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	
2021/22-4	000NONPJ	matrix spike dup, rec	6/6/2022	Organic	Pyrene	n/a	=	116	%	EPA 625.1	-88	-88	52	120	
2021/22-4	000NONPJ	matrix spike, RPD	6/6/2022	Organic	Pyrene	n/a	=	5	%	EPA 625.1	-88	-88	0	30	
2021/22-4	Lab	LCS	5/11/2022	Organic	Pyrene	n/a	=	17.4	µg/L	EPA 625.1	0.25	1			
2021/22-4	Lab	LCS, rec	5/11/2022	Organic	Pyrene	n/a	=	87	%	EPA 625.1	-88	-88	70	120	
2021/22-4	Lab	method blank	5/11/2022	Organic	Pyrene	n/a	<	0.25	µg/L	EPA 625.1	0.25	1			
2021/22-4	Lab	method blank	5/13/2022	Organic	Pyrene	n/a	<	0.04	µg/L	EPA 8270C	0.04	0.1			
2021/22-4	Lab	LCS	5/13/2022	Organic	Pyrene	n/a	=	19.2	µg/L	EPA 8270C	0.04	0.1			
2021/22-4	Lab	LCS, rec	5/13/2022	Organic	Pyrene	n/a	=	96	%	EPA 8270C	-88	-88	26	128	
2021/22-4	Lab	LCS	5/31/2022	Organic	Pyrene	n/a	=	24.2	µg/L	EPA 625.1	0.25	1			EUM
2021/22-4	Lab	LCS, rec	5/31/2022	Organic	Pyrene	n/a	=	121	%	EPA 625.1	-88	-88	70	120	EUM
2021/22-4	Lab	method blank	5/31/2022	Organic	Pyrene	n/a	<	0.25	µg/L	EPA 625.1	0.25	1			
2021/22-4	Lab	LCS	6/6/2022	Organic	Pyrene	n/a	=	18.5	µg/L	EPA 625.1	0.25	1			
2021/22-4	Lab	LCS, rec	6/6/2022	Organic	Pyrene	n/a	=	93	%	EPA 625.1	-88	-88	70	120	
2021/22-4	Lab	method blank	6/6/2022	Organic	Pyrene	n/a	<	0.25	µg/L	EPA 625.1	0.25	1			
2021/22-4	Lab	LCS	6/11/2022	Organic	Pyrene	n/a	=	20.5	µg/L	EPA 625.1	0.25	1			
2021/22-4	Lab	LCS, rec	6/11/2022	Organic	Pyrene	n/a	=	102	%	EPA 625.1	-88	-88	70	120	
2021/22-4	Lab	LCS dup	6/11/2022	Organic	Pyrene	n/a	=	20.1	µg/L	EPA 625.1	0.25	1			
2021/22-4	Lab	LCS dup, rec	6/11/2022	Organic	Pyrene	n/a	=	100	%	EPA 625.1	-88	-88	70	120	
2021/22-4	Lab	LCS, RPD	6/11/2022	Organic	Pyrene	n/a	=	2	%	EPA 625.1	-88	-88	0	30	
2021/22-4	Lab	method blank	6/11/2022	Organic	Pyrene	n/a	<	0.25	µg/L	EPA 625.1	0.25	1			
2021/22-4	Lab	method blank	6/25/2022	Organic	Pyrene	n/a	<	0.04	µg/L	EPA 8270C	0.04	0.1			
2021/22-4	Lab	LCS	6/25/2022	Organic	Pyrene	n/a	=	17	µg/L	EPA 8270C	0.04	0.1			
2021/22-4	Lab	LCS, rec	6/25/2022	Organic	Pyrene	n/a	=	85	%	EPA 8270C	-88	-88	26	128	
2021/22-4	ME-VR2	matrix spike	5/11/2022	Organic	Pyrene	n/a	=	18.8	µg/L	EPA 625.1	0.25	1			
2021/22-4	ME-VR2	matrix spike, rec	5/11/2022	Organic	Pyrene	n/a	=	93	%	EPA 625.1	-88	-88	52	120	
2021/22-4	ME-VR2	matrix spike dup	5/11/2022	Organic	Pyrene	n/a	=	18.2	µg/L	EPA 625.1	0.25	1			
2021/22-4	ME-VR2	matrix spike dup, rec	5/11/2022	Organic	Pyrene	n/a	=	90	%	EPA 625.1	-88	-88	52	120	
2021/22-4	ME-VR2	matrix spike, RPD	5/11/2022	Organic	Pyrene	n/a	=	3	%	EPA 625.1	-88	-88	0	30	
2021/22-4	ME-VR2	matrix spike	5/13/2022	Organic	Pyrene	n/a	=	18.2	µg/L	EPA 8270C	0.04	0.1			
2021/22-4	ME-VR2	matrix spike, rec	5/13/2022	Organic	Pyrene	n/a	=	91	%	EPA 8270C	-88	-88	15	130	
2021/22-4	ME-VR2	matrix spike dup	5/14/2022	Organic	Pyrene	n/a	=	18.4	µg/L	EPA 8270C	0.04	0.1			
2021/22-4	ME-VR2	matrix spike dup, rec	5/14/2022	Organic	Pyrene	n/a	=	91	%	EPA 8270C	-88	-88	15	130	
2021/22-4	ME-VR2	matrix spike, RPD	5/14/2022	Organic	Pyrene	n/a	=	1	%	EPA 8270C	-88	-88	0	30	
2021/22-4	MO-THO	matrix spike	5/31/2022	Organic	Pyrene	n/a	=	23.3	µg/L	EPA 625.1	0.25	1			GB
2021/22-4	MO-THO	matrix spike, rec	5/31/2022	Organic	Pyrene	n/a	=	123	%	EPA 625.1	-88	-88	52	120	GB
2021/22-4	MO-THO	matrix spike dup	5/31/2022	Organic	Pyrene	n/a	=	25.1	µg/L	EPA 625.1	0.25	1			GB
2021/22-4	MO-THO	matrix spike dup, rec	5/31/2022	Organic	Pyrene	n/a	=	133	%	EPA 625.1	-88	-88	52	120	GB
2021/22-4	MO-THO	matrix spike, RPD	5/31/2022	Organic	Pyrene	n/a	=	7	%	EPA 625.1	-88	-88	0	30	GB
2021/22-4	MO-THO	matrix spike	6/25/2022	Organic	Pyrene	n/a	=	16.1	µg/L	EPA 8270C	0.04	0.1			
2021/22-4	MO-THO	matrix spike, rec	6/25/2022	Organic	Pyrene	n/a	=	85	%	EPA 8270C	-88	-88	15	130	
2021/22-4	MO-THO	matrix spike dup	6/25/2022	Organic	Pyrene	n/a	=	16.1	µg/L	EPA 8270C	0.04	0.1			
2021/22-4	MO-THO	matrix spike dup, rec	6/25/2022	Organic	Pyrene	n/a	=	85	%	EPA 8270C	-88	-88	15	130	
2021/22-4	MO-THO	matrix spike, RPD	6/25/2022	Organic	Pyrene	n/a	=	0.2	%	EPA 8270C	-88	-88	0	30	
2021/22-4	Lab	srgt method blank	5/7/2022	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0753	µg/L	EPA 608.3	-88	-88			
2021/22-4	Lab	srgt method blank, rec	5/7/2022	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	75	%	EPA 608.3	-88	-88	32	130	
2021/22-4	Lab	srgt LCS	5/7/2022	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0815	µg/L	EPA 608.3	-88	-88			
2021/22-4	Lab	srgt LCS, rec	5/7/2022	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	82	%	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	
2021/22-4	Lab	srgt LCS dup	5/7/2022	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0725	µg/L	EPA 608.3	-88	-88			
2021/22-4	Lab	srgt LCS dup, rec	5/7/2022	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	72	%	EPA 608.3	-88	-88	32	130	
2021/22-4	Lab	srgt method blank	5/27/2022	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0666	µg/L	EPA 608.3	-88	-88			
2021/22-4	Lab	srgt method blank, rec	5/27/2022	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	67	%	EPA 608.3	-88	-88	32	130	
2021/22-4	Lab	srgt LCS	5/27/2022	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0643	µg/L	EPA 608.3	-88	-88			
2021/22-4	Lab	srgt LCS, rec	5/27/2022	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	64	%	EPA 608.3	-88	-88	32	130	
2021/22-4	Lab	srgt LCS dup	5/27/2022	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0667	µg/L	EPA 608.3	-88	-88			
2021/22-4	Lab	srgt LCS dup, rec	5/27/2022	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	67	%	EPA 608.3	-88	-88	32	130	
2021/22-4	Lab	srgt method blank	6/10/2022	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0657	µg/L	EPA 608.3	-88	-88			
2021/22-4	Lab	srgt method blank, rec	6/10/2022	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	66	%	EPA 608.3	-88	-88	32	130	
2021/22-4	Lab	srgt LCS	6/10/2022	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0608	µg/L	EPA 608.3	-88	-88			
2021/22-4	Lab	srgt LCS, rec	6/10/2022	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	61	%	EPA 608.3	-88	-88	32	130	
2021/22-4	Lab	srgt LCS dup	6/10/2022	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0663	µg/L	EPA 608.3	-88	-88			
2021/22-4	Lab	srgt LCS dup, rec	6/10/2022	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	66	%	EPA 608.3	-88	-88	32	130	
2021/22-4	Lab	srgt method blank	6/11/2022	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0655	µg/L	EPA 608.3	-88	-88			
2021/22-4	Lab	srgt method blank, rec	6/11/2022	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	66	%	EPA 608.3	-88	-88	32	130	
2021/22-4	Lab	srgt LCS	6/11/2022	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0595	µg/L	EPA 608.3	-88	-88			
2021/22-4	Lab	srgt LCS, rec	6/11/2022	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	60	%	EPA 608.3	-88	-88	32	130	
2021/22-4	Lab	srgt LCS dup	6/11/2022	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0661	µg/L	EPA 608.3	-88	-88			
2021/22-4	Lab	srgt LCS dup, rec	6/11/2022	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	66	%	EPA 608.3	-88	-88	32	130	
2021/22-4	ME-CC	srgt environ	5/27/2022	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0672	µg/L	EPA 608.3	-88	-88			
2021/22-4	ME-CC	srgt environ, rec	5/27/2022	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	71	%	EPA 608.3	-88	-88	32	130	
2021/22-4	ME-SCR	srgt environ	6/11/2022	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.013	µg/L	EPA 608.3	-88	-88			GN
2021/22-4	ME-SCR	srgt environ, rec	6/11/2022	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	14	%	EPA 608.3	-88	-88	32	130	GN
2021/22-4	ME-VR2	srgt environ	6/10/2022	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0604	µg/L	EPA 608.3	-88	-88			
2021/22-4	ME-VR2	srgt environ, rec	6/10/2022	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	60	%	EPA 608.3	-88	-88	32	130	
2021/22-4	MO-CAM	srgt environ	5/27/2022	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0643	µg/L	EPA 608.3	-88	-88			
2021/22-4	MO-CAM	srgt environ, rec	5/27/2022	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	65	%	EPA 608.3	-88	-88	32	130	
2021/22-4	MO-FIL	srgt environ	6/11/2022	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.056	µg/L	EPA 608.3	-88	-88			
2021/22-4	MO-FIL	srgt environ, rec	6/11/2022	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	59	%	EPA 608.3	-88	-88	32	130	
2021/22-4	MO-HUE	srgt environ	6/10/2022	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0671	µg/L	EPA 608.3	-88	-88			
2021/22-4	MO-HUE	srgt environ, rec	6/10/2022	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	66	%	EPA 608.3	-88	-88	32	130	
2021/22-4	MO-OJA	srgt environ	6/10/2022	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0585	µg/L	EPA 608.3	-88	-88			
2021/22-4	MO-OJA	srgt environ, rec	6/10/2022	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	57	%	EPA 608.3	-88	-88	32	130	
2021/22-4	MO-SIM	srgt environ	5/27/2022	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0736	µg/L	EPA 608.3	-88	-88			
2021/22-4	MO-SIM	srgt environ, rec	5/27/2022	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	77	%	EPA 608.3	-88	-88	32	130	
2021/22-4	MO-THO	srgt environ	5/27/2022	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0729	µg/L	EPA 608.3	-88	-88			
2021/22-4	MO-THO	srgt environ, rec	5/27/2022	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	77	%	EPA 608.3	-88	-88	32	130	
2021/22-4	Lab	srgt method blank	5/10/2022	Organic	Triphenylphosphate	n/a	=	5.72	µg/L	EPA 525.2	-88	-88			
2021/22-4	Lab	srgt method blank, rec	5/10/2022	Organic	Triphenylphosphate	n/a	=	114	%	EPA 525.2	-88	-88	70	130	
2021/22-4	Lab	srgt LCS	5/10/2022	Organic	Triphenylphosphate	n/a	=	5.86	µg/L	EPA 525.2	-88	-88			
2021/22-4	Lab	srgt LCS, rec	5/10/2022	Organic	Triphenylphosphate	n/a	=	117	%	EPA 525.2	-88	-88	70	130	
2021/22-4	Lab	srgt LCS dup	5/10/2022	Organic	Triphenylphosphate	n/a	=	5.56	µg/L	EPA 525.2	-88	-88			
2021/22-4	Lab	srgt LCS dup, rec	5/10/2022	Organic	Triphenylphosphate	n/a	=	111	%	EPA 525.2	-88	-88	70	130	
2021/22-4	Lab	srgt LCS	5/26/2022	Organic	Triphenylphosphate	n/a	=	0.691	µg/L	EPA 625.1m	-88	-88			
2021/22-4	Lab	srgt LCS, rec	5/26/2022	Organic	Triphenylphosphate	n/a	=	138	%	EPA 625.1m	-88	-88	40	200	
2021/22-4	Lab	srgt LCS dup	5/26/2022	Organic	Triphenylphosphate	n/a	=	0.499	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	
2021/22-4	Lab	srgt LCS dup, rec	5/26/2022	Organic	Triphenylphosphate	n/a	=	100	%	EPA 625.1m	-88	-88	40	200	
2021/22-4	Lab	srgt method blank	5/26/2022	Organic	Triphenylphosphate	n/a	=	0.66	µg/L	EPA 625.1m	-88	-88			
2021/22-4	Lab	srgt method blank, rec	5/26/2022	Organic	Triphenylphosphate	n/a	=	132	%	EPA 625.1m	-88	-88	40	200	
2021/22-4	Lab	srgt method blank	5/31/2022	Organic	Triphenylphosphate	n/a	=	5.53	µg/L	EPA 525.2	-88	-88			
2021/22-4	Lab	srgt method blank, rec	5/31/2022	Organic	Triphenylphosphate	n/a	=	111	%	EPA 525.2	-88	-88	70	130	
2021/22-4	Lab	srgt LCS	5/31/2022	Organic	Triphenylphosphate	n/a	=	5.81	µg/L	EPA 525.2	-88	-88			
2021/22-4	Lab	srgt LCS, rec	5/31/2022	Organic	Triphenylphosphate	n/a	=	116	%	EPA 525.2	-88	-88	70	130	
2021/22-4	Lab	srgt LCS dup	5/31/2022	Organic	Triphenylphosphate	n/a	=	5.91	µg/L	EPA 525.2	-88	-88			
2021/22-4	Lab	srgt LCS dup, rec	5/31/2022	Organic	Triphenylphosphate	n/a	=	118	%	EPA 525.2	-88	-88	70	130	
2021/22-4	Lab	srgt LCS	6/1/2022	Organic	Triphenylphosphate	n/a	=	0.508	µg/L	EPA 625.1m	-88	-88			
2021/22-4	Lab	srgt LCS, rec	6/1/2022	Organic	Triphenylphosphate	n/a	=	102	%	EPA 625.1m	-88	-88	40	200	
2021/22-4	Lab	srgt method blank	6/2/2022	Organic	Triphenylphosphate	n/a	=	0.538	µg/L	EPA 625.1m	-88	-88			
2021/22-4	Lab	srgt method blank, rec	6/2/2022	Organic	Triphenylphosphate	n/a	=	108	%	EPA 625.1m	-88	-88	40	200	
2021/22-4	Lab	srgt method blank	6/2/2022	Organic	Triphenylphosphate	n/a	=	5.26	µg/L	EPA 525.2	-88	-88			
2021/22-4	Lab	srgt method blank, rec	6/2/2022	Organic	Triphenylphosphate	n/a	=	105	%	EPA 525.2	-88	-88	70	130	
2021/22-4	Lab	srgt LCS	6/2/2022	Organic	Triphenylphosphate	n/a	=	5.63	µg/L	EPA 525.2	-88	-88			
2021/22-4	Lab	srgt LCS, rec	6/2/2022	Organic	Triphenylphosphate	n/a	=	113	%	EPA 525.2	-88	-88	70	130	
2021/22-4	Lab	srgt LCS dup	6/2/2022	Organic	Triphenylphosphate	n/a	=	5.74	µg/L	EPA 525.2	-88	-88			
2021/22-4	Lab	srgt LCS dup, rec	6/2/2022	Organic	Triphenylphosphate	n/a	=	115	%	EPA 525.2	-88	-88	70	130	
2021/22-4	ME-CC	srgt matrix spike	6/2/2022	Organic	Triphenylphosphate	n/a	=	0.57	µg/L	EPA 625.1m	-88	-88			
2021/22-4	ME-CC	srgt matrix spike, rec	6/2/2022	Organic	Triphenylphosphate	n/a	=	114	%	EPA 625.1m	-88	-88	40	200	
2021/22-4	ME-CC	srgt matrix spike dup	6/2/2022	Organic	Triphenylphosphate	n/a	=	0.589	µg/L	EPA 625.1m	-88	-88			
2021/22-4	ME-CC	srgt matrix spike dup, rec	6/2/2022	Organic	Triphenylphosphate	n/a	=	118	%	EPA 625.1m	-88	-88	40	200	
2021/22-4	ME-CC	srgt environ	6/2/2022	Organic	Triphenylphosphate	n/a	=	0.603	µg/L	EPA 625.1m	-88	-88			
2021/22-4	ME-CC	srgt environ, rec	6/2/2022	Organic	Triphenylphosphate	n/a	=	121	%	EPA 625.1m	-88	-88	40	200	
2021/22-4	ME-CC	srgt environ	6/2/2022	Organic	Triphenylphosphate	n/a	=	5.67	µg/L	EPA 525.2	-88	-88			
2021/22-4	ME-CC	srgt environ, rec	6/2/2022	Organic	Triphenylphosphate	n/a	=	119	%	EPA 525.2	-88	-88	70	130	
2021/22-4	ME-SCR	srgt environ	5/31/2022	Organic	Triphenylphosphate	n/a	=	5.44	µg/L	EPA 525.2	-88	-88			
2021/22-4	ME-SCR	srgt environ, rec	5/31/2022	Organic	Triphenylphosphate	n/a	=	114	%	EPA 525.2	-88	-88	70	130	
2021/22-4	ME-SCR	srgt environ	6/2/2022	Organic	Triphenylphosphate	n/a	=	0.568	µg/L	EPA 625.1m	-88	-88			
2021/22-4	ME-SCR	srgt environ, rec	6/2/2022	Organic	Triphenylphosphate	n/a	=	114	%	EPA 625.1m	-88	-88	40	200	
2021/22-4	ME-VR2	srgt environ	5/10/2022	Organic	Triphenylphosphate	n/a	=	5.71	µg/L	EPA 525.2	-88	-88			
2021/22-4	ME-VR2	srgt environ, rec	5/10/2022	Organic	Triphenylphosphate	n/a	=	113	%	EPA 525.2	-88	-88	70	130	
2021/22-4	ME-VR2	srgt environ	5/26/2022	Organic	Triphenylphosphate	n/a	=	0.456	µg/L	EPA 625.1m	-88	-88			
2021/22-4	ME-VR2	srgt environ, rec	5/26/2022	Organic	Triphenylphosphate	n/a	=	91	%	EPA 625.1m	-88	-88	40	200	
2021/22-4	MO-CAM	srgt environ	6/2/2022	Organic	Triphenylphosphate	n/a	=	0.451	µg/L	EPA 625.1m	-88	-88			
2021/22-4	MO-CAM	srgt environ, rec	6/2/2022	Organic	Triphenylphosphate	n/a	=	90	%	EPA 625.1m	-88	-88	40	200	
2021/22-4	MO-CAM	srgt environ	6/2/2022	Organic	Triphenylphosphate	n/a	=	5.79	µg/L	EPA 525.2	-88	-88			
2021/22-4	MO-CAM	srgt environ, rec	6/2/2022	Organic	Triphenylphosphate	n/a	=	118	%	EPA 525.2	-88	-88	70	130	
2021/22-4	MO-FIL	srgt environ	5/31/2022	Organic	Triphenylphosphate	n/a	=	5.54	µg/L	EPA 525.2	-88	-88			
2021/22-4	MO-FIL	srgt environ, rec	5/31/2022	Organic	Triphenylphosphate	n/a	=	116	%	EPA 525.2	-88	-88	70	130	
2021/22-4	MO-FIL	srgt environ	6/2/2022	Organic	Triphenylphosphate	n/a	=	0.626	µg/L	EPA 625.1m	-88	-88			
2021/22-4	MO-FIL	srgt environ, rec	6/2/2022	Organic	Triphenylphosphate	n/a	=	125	%	EPA 625.1m	-88	-88	40	200	
2021/22-4	MO-HUE	srgt environ	5/10/2022	Organic	Triphenylphosphate	n/a	=	5.79	µg/L	EPA 525.2	-88	-88			
2021/22-4	MO-HUE	srgt environ, rec	5/10/2022	Organic	Triphenylphosphate	n/a	=	115	%	EPA 525.2	-88	-88	70	130	
2021/22-4	MO-HUE	srgt environ	5/26/2022	Organic	Triphenylphosphate	n/a	=	0.639	µg/L	EPA 625.1m	-88	-88			
2021/22-4	MO-HUE	srgt environ, rec	5/26/2022	Organic	Triphenylphosphate	n/a	=	128	%	EPA 625.1m	-88	-88	40	200	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2021/22-4	MO-OJA	srgt environ	5/10/2022	Organic	Triphenylphosphate	n/a	=	5.53	µg/L	EPA 525.2	-88	-88			
2021/22-4	MO-OJA	srgt environ, rec	5/10/2022	Organic	Triphenylphosphate	n/a	=	109	%	EPA 525.2	-88	-88	70	130	
2021/22-4	MO-OJA	srgt environ	5/26/2022	Organic	Triphenylphosphate	n/a	=	0.682	µg/L	EPA 625.1m	-88	-88			
2021/22-4	MO-OJA	srgt environ, rec	5/26/2022	Organic	Triphenylphosphate	n/a	=	136	%	EPA 625.1m	-88	-88	40	200	
2021/22-4	MO-SIM	srgt environ	6/2/2022	Organic	Triphenylphosphate	n/a	=	0.606	µg/L	EPA 625.1m	-88	-88			
2021/22-4	MO-SIM	srgt environ, rec	6/2/2022	Organic	Triphenylphosphate	n/a	=	121	%	EPA 625.1m	-88	-88	40	200	
2021/22-4	MO-SIM	srgt environ	6/2/2022	Organic	Triphenylphosphate	n/a	=	5.75	µg/L	EPA 525.2	-88	-88			
2021/22-4	MO-SIM	srgt environ, rec	6/2/2022	Organic	Triphenylphosphate	n/a	=	121	%	EPA 525.2	-88	-88	70	130	
2021/22-4	MO-THO	srgt environ	6/2/2022	Organic	Triphenylphosphate	n/a	=	0.606	µg/L	EPA 625.1m	-88	-88			
2021/22-4	MO-THO	srgt environ, rec	6/2/2022	Organic	Triphenylphosphate	n/a	=	121	%	EPA 625.1m	-88	-88	40	200	
2021/22-4	MO-THO	srgt environ	6/2/2022	Organic	Triphenylphosphate	n/a	=	5.71	µg/L	EPA 525.2	-88	-88			
2021/22-4	MO-THO	srgt environ, rec	6/2/2022	Organic	Triphenylphosphate	n/a	=	119	%	EPA 525.2	-88	-88	70	130	
2021/22-4	Lab	srgt method blank	5/7/2022	PCB	PCB 209	n/a	=	0.0866	µg/L	EPA 608.3	-88	-88			
2021/22-4	Lab	srgt method blank, rec	5/7/2022	PCB	PCB 209	n/a	=	87	%	EPA 608.3	-88	-88	33	133	
2021/22-4	Lab	srgt LCS	5/7/2022	PCB	PCB 209	n/a	=	0.0827	µg/L	EPA 608.3	-88	-88			
2021/22-4	Lab	srgt LCS, rec	5/7/2022	PCB	PCB 209	n/a	=	83	%	EPA 608.3	-88	-88	33	133	
2021/22-4	Lab	srgt LCS dup	5/7/2022	PCB	PCB 209	n/a	=	0.0804	µg/L	EPA 608.3	-88	-88			
2021/22-4	Lab	srgt LCS dup, rec	5/7/2022	PCB	PCB 209	n/a	=	80	%	EPA 608.3	-88	-88	33	133	
2021/22-4	Lab	srgt method blank	5/27/2022	PCB	PCB 209	n/a	=	0.0721	µg/L	EPA 608.3	-88	-88			
2021/22-4	Lab	srgt method blank, rec	5/27/2022	PCB	PCB 209	n/a	=	72	%	EPA 608.3	-88	-88	33	133	
2021/22-4	Lab	srgt LCS	5/27/2022	PCB	PCB 209	n/a	=	0.0768	µg/L	EPA 608.3	-88	-88			
2021/22-4	Lab	srgt LCS, rec	5/27/2022	PCB	PCB 209	n/a	=	77	%	EPA 608.3	-88	-88	33	133	
2021/22-4	Lab	srgt LCS dup	5/27/2022	PCB	PCB 209	n/a	=	0.0775	µg/L	EPA 608.3	-88	-88			
2021/22-4	Lab	srgt LCS dup, rec	5/27/2022	PCB	PCB 209	n/a	=	78	%	EPA 608.3	-88	-88	33	133	
2021/22-4	Lab	srgt method blank	6/10/2022	PCB	PCB 209	n/a	=	0.0748	µg/L	EPA 608.3	-88	-88			
2021/22-4	Lab	srgt method blank, rec	6/10/2022	PCB	PCB 209	n/a	=	75	%	EPA 608.3	-88	-88	33	133	
2021/22-4	Lab	srgt LCS	6/10/2022	PCB	PCB 209	n/a	=	0.0629	µg/L	EPA 608.3	-88	-88			
2021/22-4	Lab	srgt LCS, rec	6/10/2022	PCB	PCB 209	n/a	=	63	%	EPA 608.3	-88	-88	33	133	
2021/22-4	Lab	srgt LCS dup	6/10/2022	PCB	PCB 209	n/a	=	0.0717	µg/L	EPA 608.3	-88	-88			
2021/22-4	Lab	srgt LCS dup, rec	6/10/2022	PCB	PCB 209	n/a	=	72	%	EPA 608.3	-88	-88	33	133	
2021/22-4	Lab	srgt method blank	6/11/2022	PCB	PCB 209	n/a	=	0.0843	µg/L	EPA 608.3	-88	-88			
2021/22-4	Lab	srgt method blank, rec	6/11/2022	PCB	PCB 209	n/a	=	84	%	EPA 608.3	-88	-88	33	133	
2021/22-4	Lab	srgt LCS	6/11/2022	PCB	PCB 209	n/a	=	0.0767	µg/L	EPA 608.3	-88	-88			
2021/22-4	Lab	srgt LCS, rec	6/11/2022	PCB	PCB 209	n/a	=	77	%	EPA 608.3	-88	-88	33	133	
2021/22-4	Lab	srgt LCS dup	6/11/2022	PCB	PCB 209	n/a	=	0.0801	µg/L	EPA 608.3	-88	-88			
2021/22-4	Lab	srgt LCS dup, rec	6/11/2022	PCB	PCB 209	n/a	=	80	%	EPA 608.3	-88	-88	33	133	
2021/22-4	ME-CC	srgt environ	5/27/2022	PCB	PCB 209	n/a	=	0.0765	µg/L	EPA 608.3	-88	-88			
2021/22-4	ME-CC	srgt environ, rec	5/27/2022	PCB	PCB 209	n/a	=	80	%	EPA 608.3	-88	-88	33	133	
2021/22-4	ME-SCR	srgt environ	6/11/2022	PCB	PCB 209	n/a	=	0.0172	µg/L	EPA 608.3	-88	-88			GN
2021/22-4	ME-SCR	srgt environ, rec	6/11/2022	PCB	PCB 209	n/a	=	18	%	EPA 608.3	-88	-88	33	133	GN
2021/22-4	ME-VR2	srgt environ	6/10/2022	PCB	PCB 209	n/a	=	0.0672	µg/L	EPA 608.3	-88	-88			
2021/22-4	ME-VR2	srgt environ, rec	6/10/2022	PCB	PCB 209	n/a	=	67	%	EPA 608.3	-88	-88	33	133	
2021/22-4	MO-CAM	srgt environ	5/27/2022	PCB	PCB 209	n/a	=	0.0652	µg/L	EPA 608.3	-88	-88			
2021/22-4	MO-CAM	srgt environ, rec	5/27/2022	PCB	PCB 209	n/a	=	66	%	EPA 608.3	-88	-88	33	133	
2021/22-4	MO-FIL	srgt environ	6/11/2022	PCB	PCB 209	n/a	=	0.0707	µg/L	EPA 608.3	-88	-88			
2021/22-4	MO-FIL	srgt environ, rec	6/11/2022	PCB	PCB 209	n/a	=	74	%	EPA 608.3	-88	-88	33	133	
2021/22-4	MO-HUE	srgt environ	6/10/2022	PCB	PCB 209	n/a	=	0.0718	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	
2021/22-4	MO-HUE	srgt environ, rec	6/10/2022	PCB	PCB 209	n/a	=	71	%	EPA 608.3	-88	-88	33	133	
2021/22-4	MO-OJA	srgt environ	6/10/2022	PCB	PCB 209	n/a	=	0.072	µg/L	EPA 608.3	-88	-88			
2021/22-4	MO-OJA	srgt environ, rec	6/10/2022	PCB	PCB 209	n/a	=	71	%	EPA 608.3	-88	-88	33	133	
2021/22-4	MO-SIM	srgt environ	5/27/2022	PCB	PCB 209	n/a	=	0.0827	µg/L	EPA 608.3	-88	-88			
2021/22-4	MO-SIM	srgt environ, rec	5/27/2022	PCB	PCB 209	n/a	=	87	%	EPA 608.3	-88	-88	33	133	
2021/22-4	MO-THO	srgt environ	5/27/2022	PCB	PCB 209	n/a	=	0.0811	µg/L	EPA 608.3	-88	-88			
2021/22-4	MO-THO	srgt environ, rec	5/27/2022	PCB	PCB 209	n/a	=	86	%	EPA 608.3	-88	-88	33	133	
2021/22-4	Lab	method blank	5/7/2022	PCB	PCB Aroclor 1016	n/a	<	0.029	µg/L	EPA 608.3	0.029	0.5			
2021/22-4	Lab	method blank	5/27/2022	PCB	PCB Aroclor 1016	n/a	<	0.029	µg/L	EPA 608.3	0.029	0.5			
2021/22-4	Lab	method blank	6/10/2022	PCB	PCB Aroclor 1016	n/a	<	0.029	µg/L	EPA 608.3	0.029	0.5			
2021/22-4	Lab	method blank	6/11/2022	PCB	PCB Aroclor 1016	n/a	<	0.029	µg/L	EPA 608.3	0.029	0.5			
2021/22-4	Lab	method blank	5/7/2022	PCB	PCB Aroclor 1221	n/a	<	0.06	µg/L	EPA 608.3	0.06	0.5			
2021/22-4	Lab	method blank	5/27/2022	PCB	PCB Aroclor 1221	n/a	<	0.06	µg/L	EPA 608.3	0.06	0.5			
2021/22-4	Lab	method blank	6/10/2022	PCB	PCB Aroclor 1221	n/a	<	0.06	µg/L	EPA 608.3	0.06	0.5			
2021/22-4	Lab	method blank	6/11/2022	PCB	PCB Aroclor 1221	n/a	<	0.06	µg/L	EPA 608.3	0.06	0.5			
2021/22-4	Lab	method blank	5/7/2022	PCB	PCB Aroclor 1232	n/a	<	0.1	µg/L	EPA 608.3	0.1	0.5			
2021/22-4	Lab	method blank	5/27/2022	PCB	PCB Aroclor 1232	n/a	<	0.1	µg/L	EPA 608.3	0.1	0.5			
2021/22-4	Lab	method blank	6/10/2022	PCB	PCB Aroclor 1232	n/a	<	0.1	µg/L	EPA 608.3	0.1	0.5			
2021/22-4	Lab	method blank	6/11/2022	PCB	PCB Aroclor 1232	n/a	<	0.1	µg/L	EPA 608.3	0.1	0.5			
2021/22-4	Lab	method blank	5/7/2022	PCB	PCB Aroclor 1242	n/a	<	0.07	µg/L	EPA 608.3	0.07	0.5			
2021/22-4	Lab	method blank	5/27/2022	PCB	PCB Aroclor 1242	n/a	<	0.07	µg/L	EPA 608.3	0.07	0.5			
2021/22-4	Lab	method blank	6/10/2022	PCB	PCB Aroclor 1242	n/a	<	0.07	µg/L	EPA 608.3	0.07	0.5			
2021/22-4	Lab	method blank	6/11/2022	PCB	PCB Aroclor 1242	n/a	<	0.07	µg/L	EPA 608.3	0.07	0.5			
2021/22-4	Lab	method blank	5/7/2022	PCB	PCB Aroclor 1248	n/a	<	0.06	µg/L	EPA 608.3	0.06	0.5			
2021/22-4	Lab	method blank	5/27/2022	PCB	PCB Aroclor 1248	n/a	<	0.06	µg/L	EPA 608.3	0.06	0.5			
2021/22-4	Lab	method blank	6/10/2022	PCB	PCB Aroclor 1248	n/a	<	0.06	µg/L	EPA 608.3	0.06	0.5			
2021/22-4	Lab	method blank	6/11/2022	PCB	PCB Aroclor 1248	n/a	<	0.06	µg/L	EPA 608.3	0.06	0.5			
2021/22-4	Lab	method blank	5/7/2022	PCB	PCB Aroclor 1254	n/a	<	0.04	µg/L	EPA 608.3	0.04	0.5			
2021/22-4	Lab	method blank	5/27/2022	PCB	PCB Aroclor 1254	n/a	<	0.04	µg/L	EPA 608.3	0.04	0.5			
2021/22-4	Lab	method blank	6/10/2022	PCB	PCB Aroclor 1254	n/a	<	0.04	µg/L	EPA 608.3	0.04	0.5			
2021/22-4	Lab	method blank	6/11/2022	PCB	PCB Aroclor 1254	n/a	<	0.04	µg/L	EPA 608.3	0.04	0.5			
2021/22-4	Lab	method blank	5/7/2022	PCB	PCB Aroclor 1260	n/a	<	0.055	µg/L	EPA 608.3	0.055	0.5			
2021/22-4	Lab	method blank	5/27/2022	PCB	PCB Aroclor 1260	n/a	<	0.055	µg/L	EPA 608.3	0.055	0.5			
2021/22-4	Lab	method blank	6/10/2022	PCB	PCB Aroclor 1260	n/a	<	0.055	µg/L	EPA 608.3	0.055	0.5			
2021/22-4	Lab	method blank	6/11/2022	PCB	PCB Aroclor 1260	n/a	<	0.055	µg/L	EPA 608.3	0.055	0.5			
2021/22-4	000NONPJ	matrix spike	5/12/2022	Pesticide	2,4,5-T	n/a	=	3.85	µg/L	EPA 515.4	0.03	0.2			
2021/22-4	000NONPJ	matrix spike, rec	5/12/2022	Pesticide	2,4,5-T	n/a	=	96	%	EPA 515.4	-88	-88	70	130	
2021/22-4	000NONPJ	matrix spike dup	5/12/2022	Pesticide	2,4,5-T	n/a	=	3.99	µg/L	EPA 515.4	0.03	0.2			
2021/22-4	000NONPJ	matrix spike dup, rec	5/12/2022	Pesticide	2,4,5-T	n/a	=	99	%	EPA 515.4	-88	-88	70	130	
2021/22-4	000NONPJ	matrix spike, RPD	5/12/2022	Pesticide	2,4,5-T	n/a	=	4	%	EPA 515.4	-88	-88	0	30	
2021/22-4	Lab	method blank	5/12/2022	Pesticide	2,4,5-T	n/a	<	0.03	µg/L	EPA 515.4	0.03	0.2			
2021/22-4	Lab	LCS	5/12/2022	Pesticide	2,4,5-T	n/a	=	3.95	µg/L	EPA 515.4	0.03	0.2			
2021/22-4	Lab	LCS, rec	5/12/2022	Pesticide	2,4,5-T	n/a	=	99	%	EPA 515.4	-88	-88	70	130	
2021/22-4	Lab	method blank	5/28/2022	Pesticide	2,4,5-T	n/a	<	0.03	µg/L	EPA 515.4	0.03	0.2			
2021/22-4	Lab	LCS	5/28/2022	Pesticide	2,4,5-T	n/a	=	4.08	µg/L	EPA 515.4	0.03	0.2			
2021/22-4	Lab	LCS, rec	5/28/2022	Pesticide	2,4,5-T	n/a	=	102	%	EPA 515.4	-88	-88	70	130	
2021/22-4	ME-SCR	matrix spike	5/28/2022	Pesticide	2,4,5-T	n/a	=	4.12	µg/L	EPA 515.4	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	
2021/22-4	ME-SCR	matrix spike, rec	5/28/2022	Pesticide	2,4,5-T	n/a	=	103	%	EPA 515.4	-88	-88	70	130	
2021/22-4	ME-SCR	matrix spike dup	5/28/2022	Pesticide	2,4,5-T	n/a	=	4.17	µg/L	EPA 515.4	0.03	0.2			
2021/22-4	ME-SCR	matrix spike dup, rec	5/28/2022	Pesticide	2,4,5-T	n/a	=	104	%	EPA 515.4	-88	-88	70	130	
2021/22-4	ME-SCR	matrix spike, RPD	5/28/2022	Pesticide	2,4,5-T	n/a	=	1	%	EPA 515.4	-88	-88	0	30	
2021/22-4	000NONPJ	matrix spike	5/12/2022	Pesticide	2,4,5-TP	n/a	=	4.01	µg/L	EPA 515.4	0.026	0.2			
2021/22-4	000NONPJ	matrix spike, rec	5/12/2022	Pesticide	2,4,5-TP	n/a	=	100	%	EPA 515.4	-88	-88	70	130	
2021/22-4	000NONPJ	matrix spike dup	5/12/2022	Pesticide	2,4,5-TP	n/a	=	4.11	µg/L	EPA 515.4	0.026	0.2			
2021/22-4	000NONPJ	matrix spike dup, rec	5/12/2022	Pesticide	2,4,5-TP	n/a	=	103	%	EPA 515.4	-88	-88	70	130	
2021/22-4	000NONPJ	matrix spike, RPD	5/12/2022	Pesticide	2,4,5-TP	n/a	=	2	%	EPA 515.4	-88	-88	0	30	
2021/22-4	Lab	method blank	5/12/2022	Pesticide	2,4,5-TP	n/a	<	0.026	µg/L	EPA 515.4	0.026	0.2			
2021/22-4	Lab	LCS	5/12/2022	Pesticide	2,4,5-TP	n/a	=	4.02	µg/L	EPA 515.4	0.026	0.2			
2021/22-4	Lab	LCS, rec	5/12/2022	Pesticide	2,4,5-TP	n/a	=	101	%	EPA 515.4	-88	-88	70	130	
2021/22-4	Lab	method blank	5/28/2022	Pesticide	2,4,5-TP	n/a	<	0.026	µg/L	EPA 515.4	0.026	0.2			
2021/22-4	Lab	LCS	5/28/2022	Pesticide	2,4,5-TP	n/a	=	4.09	µg/L	EPA 515.4	0.026	0.2			
2021/22-4	Lab	LCS, rec	5/28/2022	Pesticide	2,4,5-TP	n/a	=	102	%	EPA 515.4	-88	-88	70	130	
2021/22-4	ME-SCR	matrix spike	5/28/2022	Pesticide	2,4,5-TP	n/a	=	4	µg/L	EPA 515.4	0.026	0.2			
2021/22-4	ME-SCR	matrix spike, rec	5/28/2022	Pesticide	2,4,5-TP	n/a	=	100	%	EPA 515.4	-88	-88	70	130	
2021/22-4	ME-SCR	matrix spike dup	5/28/2022	Pesticide	2,4,5-TP	n/a	=	4.07	µg/L	EPA 515.4	0.026	0.2			
2021/22-4	ME-SCR	matrix spike dup, rec	5/28/2022	Pesticide	2,4,5-TP	n/a	=	102	%	EPA 515.4	-88	-88	70	130	
2021/22-4	ME-SCR	matrix spike, RPD	5/28/2022	Pesticide	2,4,5-TP	n/a	=	2	%	EPA 515.4	-88	-88	0	30	
2021/22-4	000NONPJ	matrix spike	5/12/2022	Pesticide	2,4-D	n/a	=	7.84	µg/L	EPA 515.4	0.14	0.4			
2021/22-4	000NONPJ	matrix spike, rec	5/12/2022	Pesticide	2,4-D	n/a	=	98	%	EPA 515.4	-88	-88	70	130	
2021/22-4	000NONPJ	matrix spike dup	5/12/2022	Pesticide	2,4-D	n/a	=	8.07	µg/L	EPA 515.4	0.14	0.4			
2021/22-4	000NONPJ	matrix spike dup, rec	5/12/2022	Pesticide	2,4-D	n/a	=	101	%	EPA 515.4	-88	-88	70	130	
2021/22-4	000NONPJ	matrix spike, RPD	5/12/2022	Pesticide	2,4-D	n/a	=	3	%	EPA 515.4	-88	-88	0	30	
2021/22-4	Lab	method blank	5/12/2022	Pesticide	2,4-D	n/a	<	0.14	µg/L	EPA 515.4	0.14	0.4			
2021/22-4	Lab	LCS	5/12/2022	Pesticide	2,4-D	n/a	=	7.86	µg/L	EPA 515.4	0.14	0.4			
2021/22-4	Lab	LCS, rec	5/12/2022	Pesticide	2,4-D	n/a	=	98	%	EPA 515.4	-88	-88	70	130	
2021/22-4	Lab	method blank	5/28/2022	Pesticide	2,4-D	n/a	<	0.14	µg/L	EPA 515.4	0.14	0.4			
2021/22-4	Lab	LCS	5/28/2022	Pesticide	2,4-D	n/a	=	8.31	µg/L	EPA 515.4	0.14	0.4			
2021/22-4	Lab	LCS, rec	5/28/2022	Pesticide	2,4-D	n/a	=	104	%	EPA 515.4	-88	-88	70	130	
2021/22-4	ME-SCR	matrix spike	5/28/2022	Pesticide	2,4-D	n/a	=	7.89	µg/L	EPA 515.4	0.14	0.4			
2021/22-4	ME-SCR	matrix spike, rec	5/28/2022	Pesticide	2,4-D	n/a	=	99	%	EPA 515.4	-88	-88	70	130	
2021/22-4	ME-SCR	matrix spike dup	5/28/2022	Pesticide	2,4-D	n/a	=	8.1	µg/L	EPA 515.4	0.14	0.4			
2021/22-4	ME-SCR	matrix spike dup, rec	5/28/2022	Pesticide	2,4-D	n/a	=	101	%	EPA 515.4	-88	-88	70	130	
2021/22-4	ME-SCR	matrix spike, RPD	5/28/2022	Pesticide	2,4-D	n/a	=	3	%	EPA 515.4	-88	-88	0	30	
2021/22-4	000NONPJ	matrix spike	5/12/2022	Pesticide	2,4-DB	n/a	=	14.5	µg/L	EPA 515.4	0.19	2			
2021/22-4	000NONPJ	matrix spike, rec	5/12/2022	Pesticide	2,4-DB	n/a	=	91	%	EPA 515.4	-88	-88	70	130	
2021/22-4	000NONPJ	matrix spike dup	5/12/2022	Pesticide	2,4-DB	n/a	=	14.7	µg/L	EPA 515.4	0.19	2			
2021/22-4	000NONPJ	matrix spike dup, rec	5/12/2022	Pesticide	2,4-DB	n/a	=	92	%	EPA 515.4	-88	-88	70	130	
2021/22-4	000NONPJ	matrix spike, RPD	5/12/2022	Pesticide	2,4-DB	n/a	=	1	%	EPA 515.4	-88	-88	0	30	
2021/22-4	Lab	method blank	5/12/2022	Pesticide	2,4-DB	n/a	<	0.19	µg/L	EPA 515.4	0.19	2			
2021/22-4	Lab	LCS	5/12/2022	Pesticide	2,4-DB	n/a	=	15.5	µg/L	EPA 515.4	0.19	2			
2021/22-4	Lab	LCS, rec	5/12/2022	Pesticide	2,4-DB	n/a	=	97	%	EPA 515.4	-88	-88	70	130	
2021/22-4	Lab	method blank	5/28/2022	Pesticide	2,4-DB	n/a	<	0.19	µg/L	EPA 515.4	0.19	2			
2021/22-4	Lab	LCS	5/28/2022	Pesticide	2,4-DB	n/a	=	16.4	µg/L	EPA 515.4	0.19	2			
2021/22-4	Lab	LCS, rec	5/28/2022	Pesticide	2,4-DB	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	
2021/22-4	ME-SCR	matrix spike	5/28/2022	Pesticide	2,4-DB	n/a	=	16.4	µg/L	EPA 515.4	0.19	2			
2021/22-4	ME-SCR	matrix spike, rec	5/28/2022	Pesticide	2,4-DB	n/a	=	102	%	EPA 515.4	-88	-88	70	130	
2021/22-4	ME-SCR	matrix spike dup	5/28/2022	Pesticide	2,4-DB	n/a	=	16.3	µg/L	EPA 515.4	0.19	2			
2021/22-4	ME-SCR	matrix spike dup, rec	5/28/2022	Pesticide	2,4-DB	n/a	=	102	%	EPA 515.4	-88	-88	70	130	
2021/22-4	ME-SCR	matrix spike, RPD	5/28/2022	Pesticide	2,4-DB	n/a	=	0.6	%	EPA 515.4	-88	-88	0	30	
2021/22-4	000NONPJ	matrix spike	5/12/2022	Pesticide	3,5-Dichlorobenzoic acid	n/a	=	8.05	µg/L	EPA 515.4	0.12	1			
2021/22-4	000NONPJ	matrix spike, rec	5/12/2022	Pesticide	3,5-Dichlorobenzoic acid	n/a	=	101	%	EPA 515.4	-88	-88	70	130	
2021/22-4	000NONPJ	matrix spike dup	5/12/2022	Pesticide	3,5-Dichlorobenzoic acid	n/a	=	8.1	µg/L	EPA 515.4	0.12	1			
2021/22-4	000NONPJ	matrix spike dup, rec	5/12/2022	Pesticide	3,5-Dichlorobenzoic acid	n/a	=	101	%	EPA 515.4	-88	-88	70	130	
2021/22-4	000NONPJ	matrix spike, RPD	5/12/2022	Pesticide	3,5-Dichlorobenzoic acid	n/a	=	0.6	%	EPA 515.4	-88	-88	0	30	
2021/22-4	Lab	method blank	5/12/2022	Pesticide	3,5-Dichlorobenzoic acid	n/a	<	0.12	µg/L	EPA 515.4	0.12	1			
2021/22-4	Lab	LCS	5/12/2022	Pesticide	3,5-Dichlorobenzoic acid	n/a	=	7.83	µg/L	EPA 515.4	0.12	1			
2021/22-4	Lab	LCS, rec	5/12/2022	Pesticide	3,5-Dichlorobenzoic acid	n/a	=	98	%	EPA 515.4	-88	-88	70	130	
2021/22-4	Lab	method blank	5/28/2022	Pesticide	3,5-Dichlorobenzoic acid	n/a	<	0.12	µg/L	EPA 515.4	0.12	1			
2021/22-4	Lab	LCS	5/28/2022	Pesticide	3,5-Dichlorobenzoic acid	n/a	=	8.11	µg/L	EPA 515.4	0.12	1			
2021/22-4	Lab	LCS, rec	5/28/2022	Pesticide	3,5-Dichlorobenzoic acid	n/a	=	101	%	EPA 515.4	-88	-88	70	130	
2021/22-4	ME-SCR	matrix spike	5/28/2022	Pesticide	3,5-Dichlorobenzoic acid	n/a	=	8.05	µg/L	EPA 515.4	0.12	1			
2021/22-4	ME-SCR	matrix spike, rec	5/28/2022	Pesticide	3,5-Dichlorobenzoic acid	n/a	=	101	%	EPA 515.4	-88	-88	70	130	
2021/22-4	ME-SCR	matrix spike dup	5/28/2022	Pesticide	3,5-Dichlorobenzoic acid	n/a	=	8.35	µg/L	EPA 515.4	0.12	1			
2021/22-4	ME-SCR	matrix spike dup, rec	5/28/2022	Pesticide	3,5-Dichlorobenzoic acid	n/a	=	104	%	EPA 515.4	-88	-88	70	130	
2021/22-4	ME-SCR	matrix spike, RPD	5/28/2022	Pesticide	3,5-Dichlorobenzoic acid	n/a	=	4	%	EPA 515.4	-88	-88	0	30	
2021/22-4	Lab	method blank	5/7/2022	Pesticide	4,4'-DDD	n/a	<	0.0007	µg/L	EPA 608.3	0.0007	0.05			
2021/22-4	Lab	LCS	5/7/2022	Pesticide	4,4'-DDD	n/a	=	0.1	µg/L	EPA 608.3	0.0007	0.05			
2021/22-4	Lab	LCS, rec	5/7/2022	Pesticide	4,4'-DDD	n/a	=	100	%	EPA 608.3	-88	-88	48	130	
2021/22-4	Lab	LCS dup	5/7/2022	Pesticide	4,4'-DDD	n/a	=	0.0884	µg/L	EPA 608.3	0.0007	0.05			
2021/22-4	Lab	LCS dup, rec	5/7/2022	Pesticide	4,4'-DDD	n/a	=	88	%	EPA 608.3	-88	-88	48	130	
2021/22-4	Lab	LCS, RPD	5/7/2022	Pesticide	4,4'-DDD	n/a	=	12	%	EPA 608.3	-88	-88	0	30	
2021/22-4	Lab	method blank	5/27/2022	Pesticide	4,4'-DDD	n/a	<	0.0007	µg/L	EPA 608.3	0.0007	0.05			
2021/22-4	Lab	LCS	5/27/2022	Pesticide	4,4'-DDD	n/a	=	0.0805	µg/L	EPA 608.3	0.0007	0.05			
2021/22-4	Lab	LCS, rec	5/27/2022	Pesticide	4,4'-DDD	n/a	=	80	%	EPA 608.3	-88	-88	48	130	
2021/22-4	Lab	LCS dup	5/27/2022	Pesticide	4,4'-DDD	n/a	=	0.0832	µg/L	EPA 608.3	0.0007	0.05			
2021/22-4	Lab	LCS dup, rec	5/27/2022	Pesticide	4,4'-DDD	n/a	=	83	%	EPA 608.3	-88	-88	48	130	
2021/22-4	Lab	LCS, RPD	5/27/2022	Pesticide	4,4'-DDD	n/a	=	3	%	EPA 608.3	-88	-88	0	30	
2021/22-4	Lab	method blank	6/10/2022	Pesticide	4,4'-DDD	n/a	<	0.0007	µg/L	EPA 608.3	0.0007	0.05			
2021/22-4	Lab	LCS	6/10/2022	Pesticide	4,4'-DDD	n/a	=	0.0784	µg/L	EPA 608.3	0.0007	0.05			
2021/22-4	Lab	LCS, rec	6/10/2022	Pesticide	4,4'-DDD	n/a	=	78	%	EPA 608.3	-88	-88	48	130	
2021/22-4	Lab	LCS dup	6/10/2022	Pesticide	4,4'-DDD	n/a	=	0.0872	µg/L	EPA 608.3	0.0007	0.05			
2021/22-4	Lab	LCS dup, rec	6/10/2022	Pesticide	4,4'-DDD	n/a	=	87	%	EPA 608.3	-88	-88	48	130	
2021/22-4	Lab	LCS, RPD	6/10/2022	Pesticide	4,4'-DDD	n/a	=	11	%	EPA 608.3	-88	-88	0	30	
2021/22-4	Lab	method blank	6/11/2022	Pesticide	4,4'-DDD	n/a	<	0.0007	µg/L	EPA 608.3	0.0007	0.05			
2021/22-4	Lab	LCS	6/11/2022	Pesticide	4,4'-DDD	n/a	=	0.0709	µg/L	EPA 608.3	0.0007	0.05			
2021/22-4	Lab	LCS, rec	6/11/2022	Pesticide	4,4'-DDD	n/a	=	71	%	EPA 608.3	-88	-88	48	130	
2021/22-4	Lab	LCS dup	6/11/2022	Pesticide	4,4'-DDD	n/a	=	0.0763	µg/L	EPA 608.3	0.0007	0.05			
2021/22-4	Lab	LCS dup, rec	6/11/2022	Pesticide	4,4'-DDD	n/a	=	76	%	EPA 608.3	-88	-88	48	130	
2021/22-4	Lab	LCS, RPD	6/11/2022	Pesticide	4,4'-DDD	n/a	=	7	%	EPA 608.3	-88	-88	0	30	
2021/22-4	Lab	method blank	5/7/2022	Pesticide	4,4'-DDE	n/a	<	0.0007	µg/L	EPA 608.3	0.0007	0.05			
2021/22-4	Lab	LCS	5/7/2022	Pesticide	4,4'-DDE	n/a	=	0.096	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	
2021/22-4	Lab	LCS, rec	5/7/2022	Pesticide	4,4'-DDE	n/a	=	96	%	EPA 608.3	-88	-88	54	130	
2021/22-4	Lab	LCS dup	5/7/2022	Pesticide	4,4'-DDE	n/a	=	0.0884	µg/L	EPA 608.3	0.0007	0.05			
2021/22-4	Lab	LCS dup, rec	5/7/2022	Pesticide	4,4'-DDE	n/a	=	88	%	EPA 608.3	-88	-88	54	130	
2021/22-4	Lab	LCS, RPD	5/7/2022	Pesticide	4,4'-DDE	n/a	=	8	%	EPA 608.3	-88	-88	0	30	
2021/22-4	Lab	method blank	5/27/2022	Pesticide	4,4'-DDE	n/a	<	0.0007	µg/L	EPA 608.3	0.0007	0.05			
2021/22-4	Lab	LCS	5/27/2022	Pesticide	4,4'-DDE	n/a	=	0.0793	µg/L	EPA 608.3	0.0007	0.05			
2021/22-4	Lab	LCS, rec	5/27/2022	Pesticide	4,4'-DDE	n/a	=	79	%	EPA 608.3	-88	-88	54	130	
2021/22-4	Lab	LCS dup	5/27/2022	Pesticide	4,4'-DDE	n/a	=	0.0839	µg/L	EPA 608.3	0.0007	0.05			
2021/22-4	Lab	LCS dup, rec	5/27/2022	Pesticide	4,4'-DDE	n/a	=	84	%	EPA 608.3	-88	-88	54	130	
2021/22-4	Lab	LCS, RPD	5/27/2022	Pesticide	4,4'-DDE	n/a	=	6	%	EPA 608.3	-88	-88	0	30	
2021/22-4	Lab	method blank	6/10/2022	Pesticide	4,4'-DDE	n/a	<	0.0007	µg/L	EPA 608.3	0.0007	0.05			
2021/22-4	Lab	LCS	6/10/2022	Pesticide	4,4'-DDE	n/a	=	0.0743	µg/L	EPA 608.3	0.0007	0.05			
2021/22-4	Lab	LCS, rec	6/10/2022	Pesticide	4,4'-DDE	n/a	=	74	%	EPA 608.3	-88	-88	54	130	
2021/22-4	Lab	LCS dup	6/10/2022	Pesticide	4,4'-DDE	n/a	=	0.0817	µg/L	EPA 608.3	0.0007	0.05			
2021/22-4	Lab	LCS dup, rec	6/10/2022	Pesticide	4,4'-DDE	n/a	=	82	%	EPA 608.3	-88	-88	54	130	
2021/22-4	Lab	LCS, RPD	6/10/2022	Pesticide	4,4'-DDE	n/a	=	10	%	EPA 608.3	-88	-88	0	30	
2021/22-4	Lab	method blank	6/11/2022	Pesticide	4,4'-DDE	n/a	<	0.0007	µg/L	EPA 608.3	0.0007	0.05			
2021/22-4	Lab	LCS	6/11/2022	Pesticide	4,4'-DDE	n/a	=	0.0656	µg/L	EPA 608.3	0.0007	0.05			
2021/22-4	Lab	LCS, rec	6/11/2022	Pesticide	4,4'-DDE	n/a	=	66	%	EPA 608.3	-88	-88	54	130	
2021/22-4	Lab	LCS dup	6/11/2022	Pesticide	4,4'-DDE	n/a	=	0.0735	µg/L	EPA 608.3	0.0007	0.05			
2021/22-4	Lab	LCS dup, rec	6/11/2022	Pesticide	4,4'-DDE	n/a	=	74	%	EPA 608.3	-88	-88	54	130	
2021/22-4	Lab	LCS, RPD	6/11/2022	Pesticide	4,4'-DDE	n/a	=	11	%	EPA 608.3	-88	-88	0	30	
2021/22-4	Lab	method blank	5/7/2022	Pesticide	4,4'-DDT	n/a	<	0.0011	µg/L	EPA 608.3	0.0011	0.01			
2021/22-4	Lab	LCS	5/7/2022	Pesticide	4,4'-DDT	n/a	=	0.106	µg/L	EPA 608.3	0.0011	0.01			
2021/22-4	Lab	LCS, rec	5/7/2022	Pesticide	4,4'-DDT	n/a	=	106	%	EPA 608.3	-88	-88	46	137	
2021/22-4	Lab	LCS dup	5/7/2022	Pesticide	4,4'-DDT	n/a	=	0.0974	µg/L	EPA 608.3	0.0011	0.01			
2021/22-4	Lab	LCS dup, rec	5/7/2022	Pesticide	4,4'-DDT	n/a	=	97	%	EPA 608.3	-88	-88	46	137	
2021/22-4	Lab	LCS, RPD	5/7/2022	Pesticide	4,4'-DDT	n/a	=	8	%	EPA 608.3	-88	-88	0	30	
2021/22-4	Lab	method blank	5/27/2022	Pesticide	4,4'-DDT	n/a	<	0.0011	µg/L	EPA 608.3	0.0011	0.01			
2021/22-4	Lab	LCS	5/27/2022	Pesticide	4,4'-DDT	n/a	=	0.0807	µg/L	EPA 608.3	0.0011	0.01			
2021/22-4	Lab	LCS, rec	5/27/2022	Pesticide	4,4'-DDT	n/a	=	81	%	EPA 608.3	-88	-88	46	137	
2021/22-4	Lab	LCS dup	5/27/2022	Pesticide	4,4'-DDT	n/a	=	0.0835	µg/L	EPA 608.3	0.0011	0.01			
2021/22-4	Lab	LCS dup, rec	5/27/2022	Pesticide	4,4'-DDT	n/a	=	83	%	EPA 608.3	-88	-88	46	137	
2021/22-4	Lab	LCS, RPD	5/27/2022	Pesticide	4,4'-DDT	n/a	=	3	%	EPA 608.3	-88	-88	0	30	
2021/22-4	Lab	method blank	6/10/2022	Pesticide	4,4'-DDT	n/a	<	0.0011	µg/L	EPA 608.3	0.0011	0.01			
2021/22-4	Lab	LCS	6/10/2022	Pesticide	4,4'-DDT	n/a	=	0.0789	µg/L	EPA 608.3	0.0011	0.01			
2021/22-4	Lab	LCS, rec	6/10/2022	Pesticide	4,4'-DDT	n/a	=	79	%	EPA 608.3	-88	-88	46	137	
2021/22-4	Lab	LCS dup	6/10/2022	Pesticide	4,4'-DDT	n/a	=	0.0878	µg/L	EPA 608.3	0.0011	0.01			
2021/22-4	Lab	LCS dup, rec	6/10/2022	Pesticide	4,4'-DDT	n/a	=	88	%	EPA 608.3	-88	-88	46	137	
2021/22-4	Lab	LCS, RPD	6/10/2022	Pesticide	4,4'-DDT	n/a	=	11	%	EPA 608.3	-88	-88	0	30	
2021/22-4	Lab	method blank	6/11/2022	Pesticide	4,4'-DDT	n/a	<	0.0011	µg/L	EPA 608.3	0.0011	0.01			
2021/22-4	Lab	LCS	6/11/2022	Pesticide	4,4'-DDT	n/a	=	0.0669	µg/L	EPA 608.3	0.0011	0.01			
2021/22-4	Lab	LCS, rec	6/11/2022	Pesticide	4,4'-DDT	n/a	=	67	%	EPA 608.3	-88	-88	46	137	
2021/22-4	Lab	LCS dup	6/11/2022	Pesticide	4,4'-DDT	n/a	=	0.0763	µg/L	EPA 608.3	0.0011	0.01			
2021/22-4	Lab	LCS dup, rec	6/11/2022	Pesticide	4,4'-DDT	n/a	=	76	%	EPA 608.3	-88	-88	46	137	
2021/22-4	Lab	LCS, RPD	6/11/2022	Pesticide	4,4'-DDT	n/a	=	13	%	EPA 608.3	-88	-88	0	30	
2021/22-4	000NONPJ	matrix spike	5/12/2022	Pesticide	Acifluorfen	n/a	=	3.77	µg/L	EPA 515.4	0.03	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	
2021/22-4	000NONPJ	matrix spike, rec	5/12/2022	Pesticide	Acifluorfen	n/a	=	94	%	EPA 515.4	-88	-88	70	130	
2021/22-4	000NONPJ	matrix spike dup	5/12/2022	Pesticide	Acifluorfen	n/a	=	3.88	µg/L	EPA 515.4	0.03	0.4			
2021/22-4	000NONPJ	matrix spike dup, rec	5/12/2022	Pesticide	Acifluorfen	n/a	=	97	%	EPA 515.4	-88	-88	70	130	
2021/22-4	000NONPJ	matrix spike, RPD	5/12/2022	Pesticide	Acifluorfen	n/a	=	3	%	EPA 515.4	-88	-88	0	30	
2021/22-4	Lab	method blank	5/12/2022	Pesticide	Acifluorfen	n/a	<	0.03	µg/L	EPA 515.4	0.03	0.4			
2021/22-4	Lab	LCS	5/12/2022	Pesticide	Acifluorfen	n/a	=	4.02	µg/L	EPA 515.4	0.03	0.4			
2021/22-4	Lab	LCS, rec	5/12/2022	Pesticide	Acifluorfen	n/a	=	101	%	EPA 515.4	-88	-88	70	130	
2021/22-4	Lab	method blank	5/28/2022	Pesticide	Acifluorfen	n/a	<	0.03	µg/L	EPA 515.4	0.03	0.4			
2021/22-4	Lab	LCS	5/28/2022	Pesticide	Acifluorfen	n/a	=	3.84	µg/L	EPA 515.4	0.03	0.4			
2021/22-4	Lab	LCS, rec	5/28/2022	Pesticide	Acifluorfen	n/a	=	96	%	EPA 515.4	-88	-88	70	130	
2021/22-4	ME-SCR	matrix spike	5/28/2022	Pesticide	Acifluorfen	n/a	=	3.89	µg/L	EPA 515.4	0.03	0.4			
2021/22-4	ME-SCR	matrix spike, rec	5/28/2022	Pesticide	Acifluorfen	n/a	=	97	%	EPA 515.4	-88	-88	70	130	
2021/22-4	ME-SCR	matrix spike dup	5/28/2022	Pesticide	Acifluorfen	n/a	=	3.95	µg/L	EPA 515.4	0.03	0.4			
2021/22-4	ME-SCR	matrix spike dup, rec	5/28/2022	Pesticide	Acifluorfen	n/a	=	99	%	EPA 515.4	-88	-88	70	130	
2021/22-4	ME-SCR	matrix spike, RPD	5/28/2022	Pesticide	Acifluorfen	n/a	=	1	%	EPA 515.4	-88	-88	0	30	
2021/22-4	Lab	method blank	5/10/2022	Pesticide	Alachlor	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1			
2021/22-4	Lab	LCS	5/10/2022	Pesticide	Alachlor	n/a	=	9.58	µg/L	EPA 525.2	0.03	0.1			
2021/22-4	Lab	LCS, rec	5/10/2022	Pesticide	Alachlor	n/a	=	128	%	EPA 525.2	-88	-88	70	130	
2021/22-4	Lab	LCS dup	5/10/2022	Pesticide	Alachlor	n/a	=	11	µg/L	EPA 525.2	0.03	0.1			EUM
2021/22-4	Lab	LCS dup, rec	5/10/2022	Pesticide	Alachlor	n/a	=	146	%	EPA 525.2	-88	-88	70	130	EUM
2021/22-4	Lab	LCS, RPD	5/10/2022	Pesticide	Alachlor	n/a	=	14	%	EPA 525.2	-88	-88	0	30	EUM
2021/22-4	Lab	method blank	5/31/2022	Pesticide	Alachlor	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1			
2021/22-4	Lab	LCS	5/31/2022	Pesticide	Alachlor	n/a	=	8.06	µg/L	EPA 525.2	0.03	0.1			
2021/22-4	Lab	LCS, rec	5/31/2022	Pesticide	Alachlor	n/a	=	107	%	EPA 525.2	-88	-88	70	130	
2021/22-4	Lab	LCS dup	5/31/2022	Pesticide	Alachlor	n/a	=	7.34	µg/L	EPA 525.2	0.03	0.1			
2021/22-4	Lab	LCS dup, rec	5/31/2022	Pesticide	Alachlor	n/a	=	98	%	EPA 525.2	-88	-88	70	130	
2021/22-4	Lab	LCS, RPD	5/31/2022	Pesticide	Alachlor	n/a	=	9	%	EPA 525.2	-88	-88	0	30	
2021/22-4	Lab	method blank	6/2/2022	Pesticide	Alachlor	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1			
2021/22-4	Lab	LCS	6/2/2022	Pesticide	Alachlor	n/a	=	7.67	µg/L	EPA 525.2	0.03	0.1			
2021/22-4	Lab	LCS, rec	6/2/2022	Pesticide	Alachlor	n/a	=	102	%	EPA 525.2	-88	-88	70	130	
2021/22-4	Lab	LCS dup	6/2/2022	Pesticide	Alachlor	n/a	=	6.94	µg/L	EPA 525.2	0.03	0.1			
2021/22-4	Lab	LCS dup, rec	6/2/2022	Pesticide	Alachlor	n/a	=	93	%	EPA 525.2	-88	-88	70	130	
2021/22-4	Lab	LCS, RPD	6/2/2022	Pesticide	Alachlor	n/a	=	10	%	EPA 525.2	-88	-88	0	30	
2021/22-4	Lab	method blank	5/7/2022	Pesticide	Aldrin	n/a	<	0.001	µg/L	EPA 608.3	0.001	0.005			
2021/22-4	Lab	LCS	5/7/2022	Pesticide	Aldrin	n/a	=	0.0898	µg/L	EPA 608.3	0.001	0.005			
2021/22-4	Lab	LCS, rec	5/7/2022	Pesticide	Aldrin	n/a	=	90	%	EPA 608.3	-88	-88	54	130	
2021/22-4	Lab	LCS dup	5/7/2022	Pesticide	Aldrin	n/a	=	0.0802	µg/L	EPA 608.3	0.001	0.005			
2021/22-4	Lab	LCS dup, rec	5/7/2022	Pesticide	Aldrin	n/a	=	80	%	EPA 608.3	-88	-88	54	130	
2021/22-4	Lab	LCS, RPD	5/7/2022	Pesticide	Aldrin	n/a	=	11	%	EPA 608.3	-88	-88	0	30	
2021/22-4	Lab	method blank	5/27/2022	Pesticide	Aldrin	n/a	<	0.001	µg/L	EPA 608.3	0.001	0.005			
2021/22-4	Lab	LCS	5/27/2022	Pesticide	Aldrin	n/a	=	0.0692	µg/L	EPA 608.3	0.001	0.005			
2021/22-4	Lab	LCS, rec	5/27/2022	Pesticide	Aldrin	n/a	=	69	%	EPA 608.3	-88	-88	54	130	
2021/22-4	Lab	LCS dup	5/27/2022	Pesticide	Aldrin	n/a	=	0.0706	µg/L	EPA 608.3	0.001	0.005			
2021/22-4	Lab	LCS dup, rec	5/27/2022	Pesticide	Aldrin	n/a	=	71	%	EPA 608.3	-88	-88	54	130	
2021/22-4	Lab	LCS, RPD	5/27/2022	Pesticide	Aldrin	n/a	=	2	%	EPA 608.3	-88	-88	0	30	
2021/22-4	Lab	method blank	6/10/2022	Pesticide	Aldrin	n/a	<	0.001	µg/L	EPA 608.3	0.001	0.005			
2021/22-4	Lab	LCS	6/10/2022	Pesticide	Aldrin	n/a	=	0.0675	µg/L	EPA 608.3	0.001	0.005			

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2021/22-4	Lab	LCS, rec	6/10/2022	Pesticide	Aldrin	n/a	=	68	%	EPA 608.3	-88	-88	54	130	
2021/22-4	Lab	LCS dup	6/10/2022	Pesticide	Aldrin	n/a	=	0.0735	µg/L	EPA 608.3	0.001	0.005			
2021/22-4	Lab	LCS dup, rec	6/10/2022	Pesticide	Aldrin	n/a	=	74	%	EPA 608.3	-88	-88	54	130	
2021/22-4	Lab	LCS, RPD	6/10/2022	Pesticide	Aldrin	n/a	=	8	%	EPA 608.3	-88	-88	0	30	
2021/22-4	Lab	method blank	6/11/2022	Pesticide	Aldrin	n/a	<	0.001	µg/L	EPA 608.3	0.001	0.005			
2021/22-4	Lab	LCS	6/11/2022	Pesticide	Aldrin	n/a	=	0.0588	µg/L	EPA 608.3	0.001	0.005			
2021/22-4	Lab	LCS, rec	6/11/2022	Pesticide	Aldrin	n/a	=	59	%	EPA 608.3	-88	-88	54	130	
2021/22-4	Lab	LCS dup	6/11/2022	Pesticide	Aldrin	n/a	=	0.0656	µg/L	EPA 608.3	0.001	0.005			
2021/22-4	Lab	LCS dup, rec	6/11/2022	Pesticide	Aldrin	n/a	=	66	%	EPA 608.3	-88	-88	54	130	
2021/22-4	Lab	LCS, RPD	6/11/2022	Pesticide	Aldrin	n/a	=	11	%	EPA 608.3	-88	-88	0	30	
2021/22-4	Lab	method blank	5/7/2022	Pesticide	alpha-BHC	n/a	<	0.0011	µg/L	EPA 608.3	0.0011	0.01			
2021/22-4	Lab	LCS	5/7/2022	Pesticide	alpha-BHC	n/a	=	0.0931	µg/L	EPA 608.3	0.0011	0.01			
2021/22-4	Lab	LCS, rec	5/7/2022	Pesticide	alpha-BHC	n/a	=	93	%	EPA 608.3	-88	-88	49	130	
2021/22-4	Lab	LCS dup	5/7/2022	Pesticide	alpha-BHC	n/a	=	0.0855	µg/L	EPA 608.3	0.0011	0.01			
2021/22-4	Lab	LCS dup, rec	5/7/2022	Pesticide	alpha-BHC	n/a	=	85	%	EPA 608.3	-88	-88	49	130	
2021/22-4	Lab	LCS, RPD	5/7/2022	Pesticide	alpha-BHC	n/a	=	9	%	EPA 608.3	-88	-88	0	30	
2021/22-4	Lab	method blank	5/27/2022	Pesticide	alpha-BHC	n/a	<	0.0011	µg/L	EPA 608.3	0.0011	0.01			
2021/22-4	Lab	LCS	5/27/2022	Pesticide	alpha-BHC	n/a	=	0.0768	µg/L	EPA 608.3	0.0011	0.01			
2021/22-4	Lab	LCS, rec	5/27/2022	Pesticide	alpha-BHC	n/a	=	77	%	EPA 608.3	-88	-88	49	130	
2021/22-4	Lab	LCS dup	5/27/2022	Pesticide	alpha-BHC	n/a	=	0.0759	µg/L	EPA 608.3	0.0011	0.01			
2021/22-4	Lab	LCS dup, rec	5/27/2022	Pesticide	alpha-BHC	n/a	=	76	%	EPA 608.3	-88	-88	49	130	
2021/22-4	Lab	LCS, RPD	5/27/2022	Pesticide	alpha-BHC	n/a	=	1	%	EPA 608.3	-88	-88	0	30	
2021/22-4	Lab	method blank	6/10/2022	Pesticide	alpha-BHC	n/a	<	0.0011	µg/L	EPA 608.3	0.0011	0.01			
2021/22-4	Lab	LCS	6/10/2022	Pesticide	alpha-BHC	n/a	=	0.0699	µg/L	EPA 608.3	0.0011	0.01			
2021/22-4	Lab	LCS, rec	6/10/2022	Pesticide	alpha-BHC	n/a	=	70	%	EPA 608.3	-88	-88	49	130	
2021/22-4	Lab	LCS dup	6/10/2022	Pesticide	alpha-BHC	n/a	=	0.0788	µg/L	EPA 608.3	0.0011	0.01			
2021/22-4	Lab	LCS dup, rec	6/10/2022	Pesticide	alpha-BHC	n/a	=	79	%	EPA 608.3	-88	-88	49	130	
2021/22-4	Lab	LCS, RPD	6/10/2022	Pesticide	alpha-BHC	n/a	=	12	%	EPA 608.3	-88	-88	0	30	
2021/22-4	Lab	method blank	6/11/2022	Pesticide	alpha-BHC	n/a	<	0.0011	µg/L	EPA 608.3	0.0011	0.01			
2021/22-4	Lab	LCS	6/11/2022	Pesticide	alpha-BHC	n/a	=	0.0533	µg/L	EPA 608.3	0.0011	0.01			
2021/22-4	Lab	LCS, rec	6/11/2022	Pesticide	alpha-BHC	n/a	=	53	%	EPA 608.3	-88	-88	49	130	
2021/22-4	Lab	LCS dup	6/11/2022	Pesticide	alpha-BHC	n/a	=	0.0725	µg/L	EPA 608.3	0.0011	0.01			IL
2021/22-4	Lab	LCS dup, rec	6/11/2022	Pesticide	alpha-BHC	n/a	=	72	%	EPA 608.3	-88	-88	49	130	IL
2021/22-4	Lab	LCS, RPD	6/11/2022	Pesticide	alpha-BHC	n/a	=	31	%	EPA 608.3	-88	-88	0	30	IL
2021/22-4	Lab	method blank	5/27/2022	Pesticide	alpha-Chlordane	n/a	<	0.0029	µg/L	EPA 608.3	0.0029	0.01			
2021/22-4	Lab	method blank	6/10/2022	Pesticide	alpha-Chlordane	n/a	<	0.0029	µg/L	EPA 608.3	0.0029	0.01			
2021/22-4	Lab	method blank	6/11/2022	Pesticide	alpha-Chlordane	n/a	<	0.0029	µg/L	EPA 608.3	0.0029	0.01			
2021/22-4	Lab	method blank	7/29/2022	Pesticide	alpha-Chlordane	n/a	<	0.0029	µg/L	EPA 608.3	0.0029	0.01			
2021/22-4	Lab	method blank	5/10/2022	Pesticide	Atrazine	n/a	<	0.011	µg/L	EPA 525.2	0.011	0.1			
2021/22-4	Lab	LCS	5/10/2022	Pesticide	Atrazine	n/a	=	6.33	µg/L	EPA 525.2	0.011	0.1			
2021/22-4	Lab	LCS, rec	5/10/2022	Pesticide	Atrazine	n/a	=	127	%	EPA 525.2	-88	-88	70	130	
2021/22-4	Lab	LCS dup	5/10/2022	Pesticide	Atrazine	n/a	=	6.34	µg/L	EPA 525.2	0.011	0.1			
2021/22-4	Lab	LCS dup, rec	5/10/2022	Pesticide	Atrazine	n/a	=	127	%	EPA 525.2	-88	-88	70	130	
2021/22-4	Lab	LCS, RPD	5/10/2022	Pesticide	Atrazine	n/a	=	0.1	%	EPA 525.2	-88	-88	0	30	
2021/22-4	Lab	method blank	5/31/2022	Pesticide	Atrazine	n/a	<	0.011	µg/L	EPA 525.2	0.011	0.1			
2021/22-4	Lab	LCS	5/31/2022	Pesticide	Atrazine	n/a	=	4.47	µg/L	EPA 525.2	0.011	0.1			
2021/22-4	Lab	LCS, rec	5/31/2022	Pesticide	Atrazine	n/a	=	89	%	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	
2021/22-4	Lab	LCS dup	5/31/2022	Pesticide	Atrazine	n/a	=	4.07	µg/L	EPA 525.2	0.011	0.1			
2021/22-4	Lab	LCS dup, rec	5/31/2022	Pesticide	Atrazine	n/a	=	81	%	EPA 525.2	-88	-88	70	130	
2021/22-4	Lab	LCS, RPD	5/31/2022	Pesticide	Atrazine	n/a	=	9	%	EPA 525.2	-88	-88	0	30	
2021/22-4	Lab	method blank	6/2/2022	Pesticide	Atrazine	n/a	<	0.011	µg/L	EPA 525.2	0.011	0.1			
2021/22-4	Lab	LCS	6/2/2022	Pesticide	Atrazine	n/a	=	4.52	µg/L	EPA 525.2	0.011	0.1			
2021/22-4	Lab	LCS, rec	6/2/2022	Pesticide	Atrazine	n/a	=	90	%	EPA 525.2	-88	-88	70	130	
2021/22-4	Lab	LCS dup	6/2/2022	Pesticide	Atrazine	n/a	=	4.24	µg/L	EPA 525.2	0.011	0.1			
2021/22-4	Lab	LCS dup, rec	6/2/2022	Pesticide	Atrazine	n/a	=	85	%	EPA 525.2	-88	-88	70	130	
2021/22-4	Lab	LCS, RPD	6/2/2022	Pesticide	Atrazine	n/a	=	6	%	EPA 525.2	-88	-88	0	30	
2021/22-4	Lab	LCS	5/26/2022	Pesticide	Azinphos methyl	n/a	=	0.104	µg/L	EPA 625.1m	0.0053	0.01			EUM
2021/22-4	Lab	LCS, rec	5/26/2022	Pesticide	Azinphos methyl	n/a	=	208	%	EPA 625.1m	-88	-88	47	200	EUM
2021/22-4	Lab	LCS dup	5/26/2022	Pesticide	Azinphos methyl	n/a	=	0.15	µg/L	EPA 625.1m	0.0053	0.01			EUM,IL
2021/22-4	Lab	LCS dup, rec	5/26/2022	Pesticide	Azinphos methyl	n/a	=	300	%	EPA 625.1m	-88	-88	47	200	EUM,IL
2021/22-4	Lab	LCS, RPD	5/26/2022	Pesticide	Azinphos methyl	n/a	=	36	%	EPA 625.1m	-88	-88	0	30	EUM,IL
2021/22-4	Lab	method blank	5/26/2022	Pesticide	Azinphos methyl	n/a	<	0.0053	µg/L	EPA 625.1m	0.0053	0.01			
2021/22-4	Lab	LCS	6/1/2022	Pesticide	Azinphos methyl	n/a	=	0.055	µg/L	EPA 625.1m	0.0053	0.01			
2021/22-4	Lab	LCS, rec	6/1/2022	Pesticide	Azinphos methyl	n/a	=	110	%	EPA 625.1m	-88	-88	47	200	
2021/22-4	Lab	method blank	6/2/2022	Pesticide	Azinphos methyl	n/a	<	0.0053	µg/L	EPA 625.1m	0.0053	0.01			
2021/22-4	ME-CC	matrix spike	6/2/2022	Pesticide	Azinphos methyl	n/a	=	0.064	µg/L	EPA 625.1m	0.0053	0.01			
2021/22-4	ME-CC	matrix spike, rec	6/2/2022	Pesticide	Azinphos methyl	n/a	=	128	%	EPA 625.1m	-88	-88	0.1	153	
2021/22-4	ME-CC	matrix spike dup	6/2/2022	Pesticide	Azinphos methyl	n/a	=	0.0853	µg/L	EPA 625.1m	0.0053	0.01			GB
2021/22-4	ME-CC	matrix spike dup, rec	6/2/2022	Pesticide	Azinphos methyl	n/a	=	171	%	EPA 625.1m	-88	-88	0.1	153	GB
2021/22-4	ME-CC	matrix spike, RPD	6/2/2022	Pesticide	Azinphos methyl	n/a	=	29	%	EPA 625.1m	-88	-88	0	30	GB
2021/22-4	000NONPJ	matrix spike	5/12/2022	Pesticide	Bentazon	n/a	=	16	µg/L	EPA 515.4	0.23	2			
2021/22-4	000NONPJ	matrix spike, rec	5/12/2022	Pesticide	Bentazon	n/a	=	100	%	EPA 515.4	-88	-88	70	130	
2021/22-4	000NONPJ	matrix spike dup	5/12/2022	Pesticide	Bentazon	n/a	=	16.2	µg/L	EPA 515.4	0.23	2			
2021/22-4	000NONPJ	matrix spike dup, rec	5/12/2022	Pesticide	Bentazon	n/a	=	101	%	EPA 515.4	-88	-88	70	130	
2021/22-4	000NONPJ	matrix spike, RPD	5/12/2022	Pesticide	Bentazon	n/a	=	1	%	EPA 515.4	-88	-88	0	30	
2021/22-4	Lab	method blank	5/12/2022	Pesticide	Bentazon	n/a	<	0.23	µg/L	EPA 515.4	0.23	2			
2021/22-4	Lab	LCS	5/12/2022	Pesticide	Bentazon	n/a	=	16.1	µg/L	EPA 515.4	0.23	2			
2021/22-4	Lab	LCS, rec	5/12/2022	Pesticide	Bentazon	n/a	=	101	%	EPA 515.4	-88	-88	70	130	
2021/22-4	Lab	method blank	5/28/2022	Pesticide	Bentazon	n/a	<	0.23	µg/L	EPA 515.4	0.23	2			
2021/22-4	Lab	LCS	5/28/2022	Pesticide	Bentazon	n/a	=	15.6	µg/L	EPA 515.4	0.23	2			
2021/22-4	Lab	LCS, rec	5/28/2022	Pesticide	Bentazon	n/a	=	98	%	EPA 515.4	-88	-88	70	130	
2021/22-4	ME-SCR	matrix spike	5/28/2022	Pesticide	Bentazon	n/a	=	15.6	µg/L	EPA 515.4	0.23	2			
2021/22-4	ME-SCR	matrix spike, rec	5/28/2022	Pesticide	Bentazon	n/a	=	98	%	EPA 515.4	-88	-88	70	130	
2021/22-4	ME-SCR	matrix spike dup	5/28/2022	Pesticide	Bentazon	n/a	=	15.8	µg/L	EPA 515.4	0.23	2			
2021/22-4	ME-SCR	matrix spike dup, rec	5/28/2022	Pesticide	Bentazon	n/a	=	99	%	EPA 515.4	-88	-88	70	130	
2021/22-4	ME-SCR	matrix spike, RPD	5/28/2022	Pesticide	Bentazon	n/a	=	0.8	%	EPA 515.4	-88	-88	0	30	
2021/22-4	Lab	method blank	5/7/2022	Pesticide	beta-BHC	n/a	<	0.0015	µg/L	EPA 608.3	0.0015	0.005			
2021/22-4	Lab	LCS	5/7/2022	Pesticide	beta-BHC	n/a	=	0.102	µg/L	EPA 608.3	0.0015	0.005			
2021/22-4	Lab	LCS, rec	5/7/2022	Pesticide	beta-BHC	n/a	=	102	%	EPA 608.3	-88	-88	39	130	
2021/22-4	Lab	LCS dup	5/7/2022	Pesticide	beta-BHC	n/a	=	0.0926	µg/L	EPA 608.3	0.0015	0.005			
2021/22-4	Lab	LCS dup, rec	5/7/2022	Pesticide	beta-BHC	n/a	=	93	%	EPA 608.3	-88	-88	39	130	
2021/22-4	Lab	LCS, RPD	5/7/2022	Pesticide	beta-BHC	n/a	=	9	%	EPA 608.3	-88	-88	0	30	
2021/22-4	Lab	method blank	5/27/2022	Pesticide	beta-BHC	n/a	<	0.0015	µg/L	EPA 608.3	0.0015	0.005			
2021/22-4	Lab	LCS	5/27/2022	Pesticide	beta-BHC	n/a	=	0.0826	µg/L	EPA 608.3	0.0015	0.005			

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2021/22-4	Lab	LCS, rec	5/27/2022	Pesticide	beta-BHC	n/a	=	83	%	EPA 608.3	-88	-88	39	130	
2021/22-4	Lab	LCS dup	5/27/2022	Pesticide	beta-BHC	n/a	=	0.0828	µg/L	EPA 608.3	0.0015	0.005			
2021/22-4	Lab	LCS dup, rec	5/27/2022	Pesticide	beta-BHC	n/a	=	83	%	EPA 608.3	-88	-88	39	130	
2021/22-4	Lab	LCS, RPD	5/27/2022	Pesticide	beta-BHC	n/a	=	0.2	%	EPA 608.3	-88	-88	0	30	
2021/22-4	Lab	method blank	6/10/2022	Pesticide	beta-BHC	n/a	<	0.0015	µg/L	EPA 608.3	0.0015	0.005			
2021/22-4	Lab	LCS	6/10/2022	Pesticide	beta-BHC	n/a	=	0.0754	µg/L	EPA 608.3	0.0015	0.005			
2021/22-4	Lab	LCS, rec	6/10/2022	Pesticide	beta-BHC	n/a	=	75	%	EPA 608.3	-88	-88	39	130	
2021/22-4	Lab	LCS dup	6/10/2022	Pesticide	beta-BHC	n/a	=	0.0803	µg/L	EPA 608.3	0.0015	0.005			
2021/22-4	Lab	LCS dup, rec	6/10/2022	Pesticide	beta-BHC	n/a	=	80	%	EPA 608.3	-88	-88	39	130	
2021/22-4	Lab	LCS, RPD	6/10/2022	Pesticide	beta-BHC	n/a	=	6	%	EPA 608.3	-88	-88	0	30	
2021/22-4	Lab	method blank	6/11/2022	Pesticide	beta-BHC	n/a	<	0.0015	µg/L	EPA 608.3	0.0015	0.005			
2021/22-4	Lab	LCS	6/11/2022	Pesticide	beta-BHC	n/a	=	0.0633	µg/L	EPA 608.3	0.0015	0.005			
2021/22-4	Lab	LCS, rec	6/11/2022	Pesticide	beta-BHC	n/a	=	63	%	EPA 608.3	-88	-88	39	130	
2021/22-4	Lab	LCS dup	6/11/2022	Pesticide	beta-BHC	n/a	=	0.0726	µg/L	EPA 608.3	0.0015	0.005			
2021/22-4	Lab	LCS dup, rec	6/11/2022	Pesticide	beta-BHC	n/a	=	73	%	EPA 608.3	-88	-88	39	130	
2021/22-4	Lab	LCS, RPD	6/11/2022	Pesticide	beta-BHC	n/a	=	14	%	EPA 608.3	-88	-88	0	30	
2021/22-4	Lab	LCS	5/26/2022	Pesticide	Bolstar	n/a	=	0.0413	µg/L	EPA 625.1m	0.0027	0.01			
2021/22-4	Lab	LCS, rec	5/26/2022	Pesticide	Bolstar	n/a	=	83	%	EPA 625.1m	-88	-88	27	162	
2021/22-4	Lab	LCS dup	5/26/2022	Pesticide	Bolstar	n/a	=	0.0268	µg/L	EPA 625.1m	0.0027	0.01			IL
2021/22-4	Lab	LCS dup, rec	5/26/2022	Pesticide	Bolstar	n/a	=	54	%	EPA 625.1m	-88	-88	27	162	IL
2021/22-4	Lab	LCS, RPD	5/26/2022	Pesticide	Bolstar	n/a	=	42	%	EPA 625.1m	-88	-88	0	30	IL
2021/22-4	Lab	method blank	5/26/2022	Pesticide	Bolstar	n/a	<	0.0027	µg/L	EPA 625.1m	0.0027	0.01			
2021/22-4	Lab	LCS	6/1/2022	Pesticide	Bolstar	n/a	=	0.0436	µg/L	EPA 625.1m	0.0027	0.01			
2021/22-4	Lab	LCS, rec	6/1/2022	Pesticide	Bolstar	n/a	=	87	%	EPA 625.1m	-88	-88	27	162	
2021/22-4	Lab	method blank	6/2/2022	Pesticide	Bolstar	n/a	<	0.0027	µg/L	EPA 625.1m	0.0027	0.01			
2021/22-4	ME-CC	matrix spike	6/2/2022	Pesticide	Bolstar	n/a	=	0.0417	µg/L	EPA 625.1m	0.0027	0.01			
2021/22-4	ME-CC	matrix spike, rec	6/2/2022	Pesticide	Bolstar	n/a	=	83	%	EPA 625.1m	-88	-88	22	160	
2021/22-4	ME-CC	matrix spike dup	6/2/2022	Pesticide	Bolstar	n/a	=	0.0421	µg/L	EPA 625.1m	0.0027	0.01			
2021/22-4	ME-CC	matrix spike dup, rec	6/2/2022	Pesticide	Bolstar	n/a	=	84	%	EPA 625.1m	-88	-88	22	160	
2021/22-4	ME-CC	matrix spike, RPD	6/2/2022	Pesticide	Bolstar	n/a	=	1	%	EPA 625.1m	-88	-88	0	30	
2021/22-4	Lab	method blank	5/10/2022	Pesticide	Bromacil	n/a	<	0.07	µg/L	EPA 525.2	0.07	0.5			
2021/22-4	Lab	LCS	5/10/2022	Pesticide	Bromacil	n/a	=	6.73	µg/L	EPA 525.2	0.07	0.5			EUM
2021/22-4	Lab	LCS, rec	5/10/2022	Pesticide	Bromacil	n/a	=	135	%	EPA 525.2	-88	-88	70	130	EUM
2021/22-4	Lab	LCS dup	5/10/2022	Pesticide	Bromacil	n/a	=	7.81	µg/L	EPA 525.2	0.07	0.5			EUM
2021/22-4	Lab	LCS dup, rec	5/10/2022	Pesticide	Bromacil	n/a	=	156	%	EPA 525.2	-88	-88	70	130	EUM
2021/22-4	Lab	LCS, RPD	5/10/2022	Pesticide	Bromacil	n/a	=	15	%	EPA 525.2	-88	-88	0	30	EUM
2021/22-4	Lab	method blank	5/31/2022	Pesticide	Bromacil	n/a	<	0.07	µg/L	EPA 525.2	0.07	0.5			
2021/22-4	Lab	LCS	5/31/2022	Pesticide	Bromacil	n/a	=	5.08	µg/L	EPA 525.2	0.07	0.5			
2021/22-4	Lab	LCS, rec	5/31/2022	Pesticide	Bromacil	n/a	=	102	%	EPA 525.2	-88	-88	70	130	
2021/22-4	Lab	LCS dup	5/31/2022	Pesticide	Bromacil	n/a	=	4.77	µg/L	EPA 525.2	0.07	0.5			
2021/22-4	Lab	LCS dup, rec	5/31/2022	Pesticide	Bromacil	n/a	=	95	%	EPA 525.2	-88	-88	70	130	
2021/22-4	Lab	LCS, RPD	5/31/2022	Pesticide	Bromacil	n/a	=	6	%	EPA 525.2	-88	-88	0	30	
2021/22-4	Lab	method blank	6/2/2022	Pesticide	Bromacil	n/a	<	0.07	µg/L	EPA 525.2	0.07	0.5			
2021/22-4	Lab	LCS	6/2/2022	Pesticide	Bromacil	n/a	=	4.97	µg/L	EPA 525.2	0.07	0.5			
2021/22-4	Lab	LCS, rec	6/2/2022	Pesticide	Bromacil	n/a	=	99	%	EPA 525.2	-88	-88	70	130	
2021/22-4	Lab	LCS dup	6/2/2022	Pesticide	Bromacil	n/a	=	4.58	µg/L	EPA 525.2	0.07	0.5			
2021/22-4	Lab	LCS dup, rec	6/2/2022	Pesticide	Bromacil	n/a	=	92	%	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	
2021/22-4	Lab	LCS, RPD	6/2/2022	Pesticide	Bromacil	n/a	=	8	%	EPA 525.2	-88	-88	0	30	
2021/22-4	Lab	method blank	5/10/2022	Pesticide	Butachlor	n/a	<	0.012	µg/L	EPA 525.2	0.012	0.1			
2021/22-4	Lab	LCS	5/10/2022	Pesticide	Butachlor	n/a	=	6.67	µg/L	EPA 525.2	0.012	0.1			EUM
2021/22-4	Lab	LCS, rec	5/10/2022	Pesticide	Butachlor	n/a	=	133	%	EPA 525.2	-88	-88	70	130	EUM
2021/22-4	Lab	LCS dup	5/10/2022	Pesticide	Butachlor	n/a	=	7.48	µg/L	EPA 525.2	0.012	0.1			EUM
2021/22-4	Lab	LCS dup, rec	5/10/2022	Pesticide	Butachlor	n/a	=	150	%	EPA 525.2	-88	-88	70	130	EUM
2021/22-4	Lab	LCS, RPD	5/10/2022	Pesticide	Butachlor	n/a	=	11	%	EPA 525.2	-88	-88	0	30	EUM
2021/22-4	Lab	method blank	5/31/2022	Pesticide	Butachlor	n/a	<	0.012	µg/L	EPA 525.2	0.012	0.1			
2021/22-4	Lab	LCS	5/31/2022	Pesticide	Butachlor	n/a	=	4.89	µg/L	EPA 525.2	0.012	0.1			
2021/22-4	Lab	LCS, rec	5/31/2022	Pesticide	Butachlor	n/a	=	98	%	EPA 525.2	-88	-88	70	130	
2021/22-4	Lab	LCS dup	5/31/2022	Pesticide	Butachlor	n/a	=	4.38	µg/L	EPA 525.2	0.012	0.1			
2021/22-4	Lab	LCS dup, rec	5/31/2022	Pesticide	Butachlor	n/a	=	88	%	EPA 525.2	-88	-88	70	130	
2021/22-4	Lab	LCS, RPD	5/31/2022	Pesticide	Butachlor	n/a	=	11	%	EPA 525.2	-88	-88	0	30	
2021/22-4	Lab	method blank	6/2/2022	Pesticide	Butachlor	n/a	<	0.012	µg/L	EPA 525.2	0.012	0.1			
2021/22-4	Lab	LCS	6/2/2022	Pesticide	Butachlor	n/a	=	4.74	µg/L	EPA 525.2	0.012	0.1			
2021/22-4	Lab	LCS, rec	6/2/2022	Pesticide	Butachlor	n/a	=	95	%	EPA 525.2	-88	-88	70	130	
2021/22-4	Lab	LCS dup	6/2/2022	Pesticide	Butachlor	n/a	=	4.28	µg/L	EPA 525.2	0.012	0.1			
2021/22-4	Lab	LCS dup, rec	6/2/2022	Pesticide	Butachlor	n/a	=	86	%	EPA 525.2	-88	-88	70	130	
2021/22-4	Lab	LCS, RPD	6/2/2022	Pesticide	Butachlor	n/a	=	10	%	EPA 525.2	-88	-88	0	30	
2021/22-4	Lab	method blank	5/10/2022	Pesticide	Captan	n/a	<	0.32	µg/L	EPA 525.2	0.32	1			
2021/22-4	Lab	LCS	5/10/2022	Pesticide	Captan	n/a	=	5.1	µg/L	EPA 525.2	0.32	1			
2021/22-4	Lab	LCS, rec	5/10/2022	Pesticide	Captan	n/a	=	102	%	EPA 525.2	-88	-88	70	130	
2021/22-4	Lab	LCS dup	5/10/2022	Pesticide	Captan	n/a	=	5.34	µg/L	EPA 525.2	0.32	1			
2021/22-4	Lab	LCS dup, rec	5/10/2022	Pesticide	Captan	n/a	=	107	%	EPA 525.2	-88	-88	70	130	
2021/22-4	Lab	LCS, RPD	5/10/2022	Pesticide	Captan	n/a	=	5	%	EPA 525.2	-88	-88	0	30	
2021/22-4	Lab	method blank	5/31/2022	Pesticide	Captan	n/a	<	0.32	µg/L	EPA 525.2	0.32	1			
2021/22-4	Lab	LCS	5/31/2022	Pesticide	Captan	n/a	=	6.07	µg/L	EPA 525.2	0.32	1			
2021/22-4	Lab	LCS, rec	5/31/2022	Pesticide	Captan	n/a	=	121	%	EPA 525.2	-88	-88	70	130	
2021/22-4	Lab	LCS dup	5/31/2022	Pesticide	Captan	n/a	=	5.77	µg/L	EPA 525.2	0.32	1			
2021/22-4	Lab	LCS dup, rec	5/31/2022	Pesticide	Captan	n/a	=	115	%	EPA 525.2	-88	-88	70	130	
2021/22-4	Lab	LCS, RPD	5/31/2022	Pesticide	Captan	n/a	=	5	%	EPA 525.2	-88	-88	0	30	
2021/22-4	Lab	method blank	6/2/2022	Pesticide	Captan	n/a	<	0.32	µg/L	EPA 525.2	0.32	1			
2021/22-4	Lab	LCS	6/2/2022	Pesticide	Captan	n/a	=	5.46	µg/L	EPA 525.2	0.32	1			
2021/22-4	Lab	LCS, rec	6/2/2022	Pesticide	Captan	n/a	=	109	%	EPA 525.2	-88	-88	70	130	
2021/22-4	Lab	LCS dup	6/2/2022	Pesticide	Captan	n/a	=	5.09	µg/L	EPA 525.2	0.32	1			
2021/22-4	Lab	LCS dup, rec	6/2/2022	Pesticide	Captan	n/a	=	102	%	EPA 525.2	-88	-88	70	130	
2021/22-4	Lab	LCS, RPD	6/2/2022	Pesticide	Captan	n/a	=	7	%	EPA 525.2	-88	-88	0	30	
2021/22-4	Lab	method blank	5/7/2022	Pesticide	Chlordane (technical)	n/a	<	0.043	µg/L	EPA 608.3	0.043	0.1			
2021/22-4	Lab	method blank	5/27/2022	Pesticide	Chlordane (technical)	n/a	<	0.043	µg/L	EPA 608.3	0.043	0.1			
2021/22-4	Lab	method blank	6/10/2022	Pesticide	Chlordane (technical)	n/a	<	0.043	µg/L	EPA 608.3	0.043	0.1			
2021/22-4	Lab	method blank	6/11/2022	Pesticide	Chlordane (technical)	n/a	<	0.043	µg/L	EPA 608.3	0.043	0.1			
2021/22-4	Lab	method blank	5/10/2022	Pesticide	Chloroprotham	n/a	<	0.04	µg/L	EPA 525.2	0.04	0.1			
2021/22-4	Lab	LCS	5/10/2022	Pesticide	Chloroprotham	n/a	=	7.19	µg/L	EPA 525.2	0.04	0.1			EUM
2021/22-4	Lab	LCS, rec	5/10/2022	Pesticide	Chloroprotham	n/a	=	144	%	EPA 525.2	-88	-88	70	130	EUM
2021/22-4	Lab	LCS dup	5/10/2022	Pesticide	Chloroprotham	n/a	=	7.26	µg/L	EPA 525.2	0.04	0.1			EUM
2021/22-4	Lab	LCS dup, rec	5/10/2022	Pesticide	Chloroprotham	n/a	=	145	%	EPA 525.2	-88	-88	70	130	EUM
2021/22-4	Lab	LCS, RPD	5/10/2022	Pesticide	Chloroprotham	n/a	=	0.9	%	EPA 525.2	-88	-88	0	30	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	
2021/22-4	Lab	method blank	5/31/2022	Pesticide	Chloropropham	n/a	<	0.04	µg/L	EPA 525.2	0.04	0.1			
2021/22-4	Lab	LCS	5/31/2022	Pesticide	Chloropropham	n/a	=	5.91	µg/L	EPA 525.2	0.04	0.1			
2021/22-4	Lab	LCS, rec	5/31/2022	Pesticide	Chloropropham	n/a	=	118	%	EPA 525.2	-88	-88	70	130	
2021/22-4	Lab	LCS dup	5/31/2022	Pesticide	Chloropropham	n/a	=	5.51	µg/L	EPA 525.2	0.04	0.1			
2021/22-4	Lab	LCS dup, rec	5/31/2022	Pesticide	Chloropropham	n/a	=	110	%	EPA 525.2	-88	-88	70	130	
2021/22-4	Lab	LCS, RPD	5/31/2022	Pesticide	Chloropropham	n/a	=	7	%	EPA 525.2	-88	-88	0	30	
2021/22-4	Lab	method blank	6/2/2022	Pesticide	Chloropropham	n/a	<	0.04	µg/L	EPA 525.2	0.04	0.1			
2021/22-4	Lab	LCS	6/2/2022	Pesticide	Chloropropham	n/a	=	5.86	µg/L	EPA 525.2	0.04	0.1			
2021/22-4	Lab	LCS, rec	6/2/2022	Pesticide	Chloropropham	n/a	=	117	%	EPA 525.2	-88	-88	70	130	
2021/22-4	Lab	LCS dup	6/2/2022	Pesticide	Chloropropham	n/a	=	5.3	µg/L	EPA 525.2	0.04	0.1			
2021/22-4	Lab	LCS dup, rec	6/2/2022	Pesticide	Chloropropham	n/a	=	106	%	EPA 525.2	-88	-88	70	130	
2021/22-4	Lab	LCS, RPD	6/2/2022	Pesticide	Chloropropham	n/a	=	10	%	EPA 525.2	-88	-88	0	30	
2021/22-4	Lab	LCS	5/26/2022	Pesticide	Chlorpyrifos	n/a	=	0.0573	µg/L	EPA 625.1m	0.0013	0.01			
2021/22-4	Lab	LCS, rec	5/26/2022	Pesticide	Chlorpyrifos	n/a	=	115	%	EPA 625.1m	-88	-88	72	144	
2021/22-4	Lab	LCS dup	5/26/2022	Pesticide	Chlorpyrifos	n/a	=	0.0169	µg/L	EPA 625.1m	0.0013	0.01			EUM,IL
2021/22-4	Lab	LCS dup, rec	5/26/2022	Pesticide	Chlorpyrifos	n/a	=	34	%	EPA 625.1m	-88	-88	72	144	EUM,IL
2021/22-4	Lab	LCS, RPD	5/26/2022	Pesticide	Chlorpyrifos	n/a	=	109	%	EPA 625.1m	-88	-88	0	25	EUM,IL
2021/22-4	Lab	method blank	5/26/2022	Pesticide	Chlorpyrifos	n/a	<	0.0013	µg/L	EPA 625.1m	0.0013	0.01			
2021/22-4	Lab	LCS	6/1/2022	Pesticide	Chlorpyrifos	n/a	=	0.0488	µg/L	EPA 625.1m	0.0013	0.01			
2021/22-4	Lab	LCS, rec	6/1/2022	Pesticide	Chlorpyrifos	n/a	=	98	%	EPA 625.1m	-88	-88	72	144	
2021/22-4	Lab	method blank	6/2/2022	Pesticide	Chlorpyrifos	n/a	<	0.0013	µg/L	EPA 625.1m	0.0013	0.01			
2021/22-4	ME-CC	matrix spike	6/2/2022	Pesticide	Chlorpyrifos	n/a	=	0.0565	µg/L	EPA 625.1m	0.0013	0.01			
2021/22-4	ME-CC	matrix spike, rec	6/2/2022	Pesticide	Chlorpyrifos	n/a	=	113	%	EPA 625.1m	-88	-88	48	151	
2021/22-4	ME-CC	matrix spike dup	6/2/2022	Pesticide	Chlorpyrifos	n/a	=	0.0558	µg/L	EPA 625.1m	0.0013	0.01			
2021/22-4	ME-CC	matrix spike dup, rec	6/2/2022	Pesticide	Chlorpyrifos	n/a	=	112	%	EPA 625.1m	-88	-88	48	151	
2021/22-4	ME-CC	matrix spike, RPD	6/2/2022	Pesticide	Chlorpyrifos	n/a	=	1	%	EPA 625.1m	-88	-88	0	30	
2021/22-4	Lab	LCS	5/26/2022	Pesticide	Coumaphos	n/a	=	0.0896	µg/L	EPA 625.1m	0.0055	0.01			
2021/22-4	Lab	LCS, rec	5/26/2022	Pesticide	Coumaphos	n/a	=	179	%	EPA 625.1m	-88	-88	10	200	
2021/22-4	Lab	LCS dup	5/26/2022	Pesticide	Coumaphos	n/a	=	0.199	µg/L	EPA 625.1m	0.0055	0.01			EUM,IL
2021/22-4	Lab	LCS dup, rec	5/26/2022	Pesticide	Coumaphos	n/a	=	398	%	EPA 625.1m	-88	-88	10	200	EUM,IL
2021/22-4	Lab	LCS, RPD	5/26/2022	Pesticide	Coumaphos	n/a	=	76	%	EPA 625.1m	-88	-88	0	30	EUM,IL
2021/22-4	Lab	method blank	5/26/2022	Pesticide	Coumaphos	n/a	<	0.0055	µg/L	EPA 625.1m	0.0055	0.01			
2021/22-4	Lab	LCS	6/1/2022	Pesticide	Coumaphos	n/a	=	0.0532	µg/L	EPA 625.1m	0.0055	0.01			
2021/22-4	Lab	LCS, rec	6/1/2022	Pesticide	Coumaphos	n/a	=	106	%	EPA 625.1m	-88	-88	10	200	
2021/22-4	Lab	method blank	6/2/2022	Pesticide	Coumaphos	n/a	<	0.0055	µg/L	EPA 625.1m	0.0055	0.01			
2021/22-4	ME-CC	matrix spike	6/2/2022	Pesticide	Coumaphos	n/a	=	0.0613	µg/L	EPA 625.1m	0.0055	0.01			
2021/22-4	ME-CC	matrix spike, rec	6/2/2022	Pesticide	Coumaphos	n/a	=	123	%	EPA 625.1m	-88	-88	0.1	190	
2021/22-4	ME-CC	matrix spike dup	6/2/2022	Pesticide	Coumaphos	n/a	=	0.0617	µg/L	EPA 625.1m	0.0055	0.01			
2021/22-4	ME-CC	matrix spike dup, rec	6/2/2022	Pesticide	Coumaphos	n/a	=	123	%	EPA 625.1m	-88	-88	0.1	190	
2021/22-4	ME-CC	matrix spike, RPD	6/2/2022	Pesticide	Coumaphos	n/a	=	0.6	%	EPA 625.1m	-88	-88	0	30	
2021/22-4	000NONPJ	matrix spike	5/12/2022	Pesticide	Dalapon	n/a	=	8.65	µg/L	EPA 515.4	0.11	0.4			
2021/22-4	000NONPJ	matrix spike, rec	5/12/2022	Pesticide	Dalapon	n/a	=	108	%	EPA 515.4	-88	-88	70	130	
2021/22-4	000NONPJ	matrix spike dup	5/12/2022	Pesticide	Dalapon	n/a	=	8.75	µg/L	EPA 515.4	0.11	0.4			
2021/22-4	000NONPJ	matrix spike dup, rec	5/12/2022	Pesticide	Dalapon	n/a	=	109	%	EPA 515.4	-88	-88	70	130	
2021/22-4	000NONPJ	matrix spike, RPD	5/12/2022	Pesticide	Dalapon	n/a	=	1	%	EPA 515.4	-88	-88	0	30	
2021/22-4	Lab	method blank	5/12/2022	Pesticide	Dalapon	n/a	<	0.11	µg/L	EPA 515.4	0.11	0.4			
2021/22-4	Lab	LCS	5/12/2022	Pesticide	Dalapon	n/a	=	7.69	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	
2021/22-4	Lab	LCS, rec	5/12/2022	Pesticide	Dalapon	n/a	=	96	%	EPA 515.4	-88	-88	70	130	
2021/22-4	Lab	method blank	5/28/2022	Pesticide	Dalapon	n/a	<	0.11	µg/L	EPA 515.4	0.11	0.4			
2021/22-4	Lab	LCS	5/28/2022	Pesticide	Dalapon	n/a	=	8.27	µg/L	EPA 515.4	0.11	0.4			
2021/22-4	Lab	LCS, rec	5/28/2022	Pesticide	Dalapon	n/a	=	103	%	EPA 515.4	-88	-88	70	130	
2021/22-4	ME-SCR	matrix spike	5/28/2022	Pesticide	Dalapon	n/a	=	8.33	µg/L	EPA 515.4	0.11	0.4			
2021/22-4	ME-SCR	matrix spike, rec	5/28/2022	Pesticide	Dalapon	n/a	=	104	%	EPA 515.4	-88	-88	70	130	
2021/22-4	ME-SCR	matrix spike dup	5/28/2022	Pesticide	Dalapon	n/a	=	8.65	µg/L	EPA 515.4	0.11	0.4			
2021/22-4	ME-SCR	matrix spike dup, rec	5/28/2022	Pesticide	Dalapon	n/a	=	108	%	EPA 515.4	-88	-88	70	130	
2021/22-4	ME-SCR	matrix spike, RPD	5/28/2022	Pesticide	Dalapon	n/a	=	4	%	EPA 515.4	-88	-88	0	30	
2021/22-4	000NONPJ	matrix spike	5/12/2022	Pesticide	DCPA (Dacthal)	n/a	=	4.05	µg/L	EPA 515.4	0.029	0.1			
2021/22-4	000NONPJ	matrix spike, rec	5/12/2022	Pesticide	DCPA (Dacthal)	n/a	=	101	%	EPA 515.4	-88	-88	70	130	
2021/22-4	000NONPJ	matrix spike dup	5/12/2022	Pesticide	DCPA (Dacthal)	n/a	=	4.14	µg/L	EPA 515.4	0.029	0.1			
2021/22-4	000NONPJ	matrix spike dup, rec	5/12/2022	Pesticide	DCPA (Dacthal)	n/a	=	104	%	EPA 515.4	-88	-88	70	130	
2021/22-4	000NONPJ	matrix spike, RPD	5/12/2022	Pesticide	DCPA (Dacthal)	n/a	=	2	%	EPA 515.4	-88	-88	0	30	
2021/22-4	Lab	method blank	5/12/2022	Pesticide	DCPA (Dacthal)	n/a	<	0.029	µg/L	EPA 515.4	0.029	0.1			
2021/22-4	Lab	LCS	5/12/2022	Pesticide	DCPA (Dacthal)	n/a	=	4.03	µg/L	EPA 515.4	0.029	0.1			
2021/22-4	Lab	LCS, rec	5/12/2022	Pesticide	DCPA (Dacthal)	n/a	=	101	%	EPA 515.4	-88	-88	70	130	
2021/22-4	Lab	method blank	5/28/2022	Pesticide	DCPA (Dacthal)	n/a	<	0.029	µg/L	EPA 515.4	0.029	0.1			
2021/22-4	Lab	LCS	5/28/2022	Pesticide	DCPA (Dacthal)	n/a	=	3.87	µg/L	EPA 515.4	0.029	0.1			
2021/22-4	Lab	LCS, rec	5/28/2022	Pesticide	DCPA (Dacthal)	n/a	=	97	%	EPA 515.4	-88	-88	70	130	
2021/22-4	ME-SCR	matrix spike	5/28/2022	Pesticide	DCPA (Dacthal)	n/a	=	4.06	µg/L	EPA 515.4	0.029	0.1			
2021/22-4	ME-SCR	matrix spike, rec	5/28/2022	Pesticide	DCPA (Dacthal)	n/a	=	98	%	EPA 515.4	-88	-88	70	130	
2021/22-4	ME-SCR	matrix spike dup	5/28/2022	Pesticide	DCPA (Dacthal)	n/a	=	4.17	µg/L	EPA 515.4	0.029	0.1			
2021/22-4	ME-SCR	matrix spike dup, rec	5/28/2022	Pesticide	DCPA (Dacthal)	n/a	=	101	%	EPA 515.4	-88	-88	70	130	
2021/22-4	ME-SCR	matrix spike, RPD	5/28/2022	Pesticide	DCPA (Dacthal)	n/a	=	3	%	EPA 515.4	-88	-88	0	30	
2021/22-4	Lab	method blank	5/7/2022	Pesticide	delta-BHC	n/a	<	0.0019	µg/L	EPA 608.3	0.0019	0.005			
2021/22-4	Lab	LCS	5/7/2022	Pesticide	delta-BHC	n/a	=	0.0903	µg/L	EPA 608.3	0.0019	0.005			
2021/22-4	Lab	LCS, rec	5/7/2022	Pesticide	delta-BHC	n/a	=	90	%	EPA 608.3	-88	-88	51	130	
2021/22-4	Lab	LCS dup	5/7/2022	Pesticide	delta-BHC	n/a	=	0.101	µg/L	EPA 608.3	0.0019	0.005			
2021/22-4	Lab	LCS dup, rec	5/7/2022	Pesticide	delta-BHC	n/a	=	101	%	EPA 608.3	-88	-88	51	130	
2021/22-4	Lab	LCS, RPD	5/7/2022	Pesticide	delta-BHC	n/a	=	11	%	EPA 608.3	-88	-88	0	30	
2021/22-4	Lab	method blank	5/27/2022	Pesticide	delta-BHC	n/a	<	0.0019	µg/L	EPA 608.3	0.0019	0.005			
2021/22-4	Lab	LCS	5/27/2022	Pesticide	delta-BHC	n/a	=	0.0908	µg/L	EPA 608.3	0.0019	0.005			
2021/22-4	Lab	LCS, rec	5/27/2022	Pesticide	delta-BHC	n/a	=	91	%	EPA 608.3	-88	-88	51	130	
2021/22-4	Lab	LCS dup	5/27/2022	Pesticide	delta-BHC	n/a	=	0.0919	µg/L	EPA 608.3	0.0019	0.005			
2021/22-4	Lab	LCS dup, rec	5/27/2022	Pesticide	delta-BHC	n/a	=	92	%	EPA 608.3	-88	-88	51	130	
2021/22-4	Lab	LCS, RPD	5/27/2022	Pesticide	delta-BHC	n/a	=	1	%	EPA 608.3	-88	-88	0	30	
2021/22-4	Lab	method blank	6/10/2022	Pesticide	delta-BHC	n/a	<	0.0019	µg/L	EPA 608.3	0.0019	0.005			
2021/22-4	Lab	LCS	6/10/2022	Pesticide	delta-BHC	n/a	=	0.079	µg/L	EPA 608.3	0.0019	0.005			
2021/22-4	Lab	LCS, rec	6/10/2022	Pesticide	delta-BHC	n/a	=	79	%	EPA 608.3	-88	-88	51	130	
2021/22-4	Lab	LCS dup	6/10/2022	Pesticide	delta-BHC	n/a	=	0.0886	µg/L	EPA 608.3	0.0019	0.005			
2021/22-4	Lab	LCS dup, rec	6/10/2022	Pesticide	delta-BHC	n/a	=	89	%	EPA 608.3	-88	-88	51	130	
2021/22-4	Lab	LCS, RPD	6/10/2022	Pesticide	delta-BHC	n/a	=	11	%	EPA 608.3	-88	-88	0	30	
2021/22-4	Lab	method blank	6/11/2022	Pesticide	delta-BHC	n/a	<	0.0019	µg/L	EPA 608.3	0.0019	0.005			
2021/22-4	Lab	LCS	6/11/2022	Pesticide	delta-BHC	n/a	=	0.073	µg/L	EPA 608.3	0.0019	0.005			
2021/22-4	Lab	LCS, rec	6/11/2022	Pesticide	delta-BHC	n/a	=	73	%	EPA 608.3	-88	-88	51	130	
2021/22-4	Lab	LCS dup	6/11/2022	Pesticide	delta-BHC	n/a	=	0.0807	µg/L	EPA 608.3	0.0019	0.005			

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2021/22-4	Lab	LCS dup, rec	6/11/2022	Pesticide	delta-BHC	n/a	=	81	%	EPA 608.3	-88	-88	51	130	
2021/22-4	Lab	LCS, RPD	6/11/2022	Pesticide	delta-BHC	n/a	=	10	%	EPA 608.3	-88	-88	0	30	
2021/22-4	Lab	LCS	5/26/2022	Pesticide	Demeton-O	n/a	=	0.0233	µg/L	EPA 625.1m	0.0019	0.01			
2021/22-4	Lab	LCS, rec	5/26/2022	Pesticide	Demeton-O	n/a	=	47	%	EPA 625.1m	-88	-88	23	121	
2021/22-4	Lab	LCS dup	5/26/2022	Pesticide	Demeton-O	n/a	=	0.0553	µg/L	EPA 625.1m	0.0019	0.01			IL
2021/22-4	Lab	LCS dup, rec	5/26/2022	Pesticide	Demeton-O	n/a	=	111	%	EPA 625.1m	-88	-88	23	121	IL
2021/22-4	Lab	LCS, RPD	5/26/2022	Pesticide	Demeton-O	n/a	=	82	%	EPA 625.1m	-88	-88	0	30	IL
2021/22-4	Lab	method blank	5/26/2022	Pesticide	Demeton-O	n/a	<	0.0019	µg/L	EPA 625.1m	0.0019	0.01			
2021/22-4	Lab	LCS	6/1/2022	Pesticide	Demeton-O	n/a	=	0.0254	µg/L	EPA 625.1m	0.0019	0.01			
2021/22-4	Lab	LCS, rec	6/1/2022	Pesticide	Demeton-O	n/a	=	51	%	EPA 625.1m	-88	-88	23	121	
2021/22-4	Lab	method blank	6/2/2022	Pesticide	Demeton-O	n/a	<	0.0019	µg/L	EPA 625.1m	0.0019	0.01			
2021/22-4	ME-CC	matrix spike	6/2/2022	Pesticide	Demeton-O	n/a	<	0.0472	µg/L	EPA 625.1m	0.0019	0.01			
2021/22-4	ME-CC	matrix spike, rec	6/2/2022	Pesticide	Demeton-O	n/a	=	94	%	EPA 625.1m	-88	-88	63	151	
2021/22-4	ME-CC	matrix spike dup	6/2/2022	Pesticide	Demeton-O	n/a	=	0.0507	µg/L	EPA 625.1m	0.0019	0.01			
2021/22-4	ME-CC	matrix spike dup, rec	6/2/2022	Pesticide	Demeton-O	n/a	=	101	%	EPA 625.1m	-88	-88	63	151	
2021/22-4	ME-CC	matrix spike, RPD	6/2/2022	Pesticide	Demeton-O	n/a	=	7	%	EPA 625.1m	-88	-88	0	30	
2021/22-4	Lab	LCS	5/26/2022	Pesticide	Demeton-S	n/a	=	0.0517	µg/L	EPA 625.1m	0.0014	0.01			
2021/22-4	Lab	LCS, rec	5/26/2022	Pesticide	Demeton-S	n/a	=	103	%	EPA 625.1m	-88	-88	53	147	
2021/22-4	Lab	LCS dup	5/26/2022	Pesticide	Demeton-S	n/a	=	0.0679	µg/L	EPA 625.1m	0.0014	0.01			
2021/22-4	Lab	LCS dup, rec	5/26/2022	Pesticide	Demeton-S	n/a	=	136	%	EPA 625.1m	-88	-88	53	147	
2021/22-4	Lab	LCS, RPD	5/26/2022	Pesticide	Demeton-S	n/a	=	27	%	EPA 625.1m	-88	-88	0	30	
2021/22-4	Lab	method blank	5/26/2022	Pesticide	Demeton-S	n/a	<	0.0014	µg/L	EPA 625.1m	0.0014	0.01			
2021/22-4	Lab	LCS	6/1/2022	Pesticide	Demeton-S	n/a	=	0.0237	µg/L	EPA 625.1m	0.0014	0.01			EUM
2021/22-4	Lab	LCS, rec	6/1/2022	Pesticide	Demeton-S	n/a	=	47	%	EPA 625.1m	-88	-88	53	147	EUM
2021/22-4	Lab	method blank	6/2/2022	Pesticide	Demeton-S	n/a	<	0.0014	µg/L	EPA 625.1m	0.0014	0.01			
2021/22-4	ME-CC	matrix spike	6/2/2022	Pesticide	Demeton-S	n/a	=	0.0406	µg/L	EPA 625.1m	0.0014	0.01			
2021/22-4	ME-CC	matrix spike, rec	6/2/2022	Pesticide	Demeton-S	n/a	=	81	%	EPA 625.1m	-88	-88	0.1	204	
2021/22-4	ME-CC	matrix spike dup	6/2/2022	Pesticide	Demeton-S	n/a	=	0.0491	µg/L	EPA 625.1m	0.0014	0.01			
2021/22-4	ME-CC	matrix spike dup, rec	6/2/2022	Pesticide	Demeton-S	n/a	=	98	%	EPA 625.1m	-88	-88	0.1	204	
2021/22-4	ME-CC	matrix spike, RPD	6/2/2022	Pesticide	Demeton-S	n/a	=	19	%	EPA 625.1m	-88	-88	0	30	
2021/22-4	Lab	method blank	5/10/2022	Pesticide	Diazinon	n/a	<	0.022	µg/L	EPA 525.2	0.022	0.1			
2021/22-4	Lab	LCS	5/10/2022	Pesticide	Diazinon	n/a	=	6.02	µg/L	EPA 525.2	0.022	0.1			
2021/22-4	Lab	LCS, rec	5/10/2022	Pesticide	Diazinon	n/a	=	120	%	EPA 525.2	-88	-88	50	120	
2021/22-4	Lab	LCS dup	5/10/2022	Pesticide	Diazinon	n/a	=	6.71	µg/L	EPA 525.2	0.022	0.1			EUM
2021/22-4	Lab	LCS dup, rec	5/10/2022	Pesticide	Diazinon	n/a	=	134	%	EPA 525.2	-88	-88	50	120	EUM
2021/22-4	Lab	LCS, RPD	5/10/2022	Pesticide	Diazinon	n/a	=	11	%	EPA 525.2	-88	-88	0	30	EUM
2021/22-4	Lab	LCS	5/26/2022	Pesticide	Diazinon	n/a	=	0.0542	µg/L	EPA 625.1m	0.001	0.01			
2021/22-4	Lab	LCS, rec	5/26/2022	Pesticide	Diazinon	n/a	=	108	%	EPA 625.1m	-88	-88	75	150	
2021/22-4	Lab	LCS dup	5/26/2022	Pesticide	Diazinon	n/a	=	0.0382	µg/L	EPA 625.1m	0.001	0.01			IL
2021/22-4	Lab	LCS dup, rec	5/26/2022	Pesticide	Diazinon	n/a	=	76	%	EPA 625.1m	-88	-88	75	151	IL
2021/22-4	Lab	LCS, RPD	5/26/2022	Pesticide	Diazinon	n/a	=	35	%	EPA 625.1m	-88	-88	0	25	IL
2021/22-4	Lab	method blank	5/26/2022	Pesticide	Diazinon	n/a	<	0.001	µg/L	EPA 625.1m	0.001	0.01			
2021/22-4	Lab	method blank	5/31/2022	Pesticide	Diazinon	n/a	<	0.022	µg/L	EPA 525.2	0.022	0.1			
2021/22-4	Lab	LCS	5/31/2022	Pesticide	Diazinon	n/a	=	4.59	µg/L	EPA 525.2	0.022	0.1			
2021/22-4	Lab	LCS, rec	5/31/2022	Pesticide	Diazinon	n/a	=	92	%	EPA 525.2	-88	-88	50	120	
2021/22-4	Lab	LCS dup	5/31/2022	Pesticide	Diazinon	n/a	=	4.15	µg/L	EPA 525.2	0.022	0.1			
2021/22-4	Lab	LCS dup, rec	5/31/2022	Pesticide	Diazinon	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	
2021/22-4	Lab	LCS, RPD	5/31/2022	Pesticide	Diazinon	n/a	=	10	%	EPA 525.2	-88	-88	0	30	
2021/22-4	Lab	LCS	6/1/2022	Pesticide	Diazinon	n/a	=	0.0246	µg/L	EPA 625.1m	0.001	0.01			EUM
2021/22-4	Lab	LCS, rec	6/1/2022	Pesticide	Diazinon	n/a	=	49	%	EPA 625.1m	-88	-88	75	150	EUM
2021/22-4	Lab	method blank	6/2/2022	Pesticide	Diazinon	n/a	<	0.001	µg/L	EPA 625.1m	0.001	0.01			
2021/22-4	Lab	method blank	6/2/2022	Pesticide	Diazinon	n/a	<	0.022	µg/L	EPA 525.2	0.022	0.1			
2021/22-4	Lab	LCS	6/2/2022	Pesticide	Diazinon	n/a	=	4.43	µg/L	EPA 525.2	0.022	0.1			
2021/22-4	Lab	LCS, rec	6/2/2022	Pesticide	Diazinon	n/a	=	89	%	EPA 525.2	-88	-88	50	120	
2021/22-4	Lab	LCS dup	6/2/2022	Pesticide	Diazinon	n/a	=	4.08	µg/L	EPA 525.2	0.022	0.1			
2021/22-4	Lab	LCS dup, rec	6/2/2022	Pesticide	Diazinon	n/a	=	82	%	EPA 525.2	-88	-88	50	120	
2021/22-4	Lab	LCS, RPD	6/2/2022	Pesticide	Diazinon	n/a	=	8	%	EPA 525.2	-88	-88	0	30	
2021/22-4	ME-CC	matrix spike	6/2/2022	Pesticide	Diazinon	n/a	=	0.0327	µg/L	EPA 625.1m	0.001	0.01			
2021/22-4	ME-CC	matrix spike, rec	6/2/2022	Pesticide	Diazinon	n/a	=	65	%	EPA 625.1m	-88	-88	46	139	
2021/22-4	ME-CC	matrix spike dup	6/2/2022	Pesticide	Diazinon	n/a	=	0.0368	µg/L	EPA 625.1m	0.001	0.01			
2021/22-4	ME-CC	matrix spike dup, rec	6/2/2022	Pesticide	Diazinon	n/a	=	74	%	EPA 625.1m	-88	-88	46	139	
2021/22-4	ME-CC	matrix spike, RPD	6/2/2022	Pesticide	Diazinon	n/a	=	12	%	EPA 625.1m	-88	-88	0	30	
2021/22-4	000NONPJ	matrix spike	5/12/2022	Pesticide	Dicamba	n/a	=	7.87	µg/L	EPA 515.4	0.049	0.6			
2021/22-4	000NONPJ	matrix spike, rec	5/12/2022	Pesticide	Dicamba	n/a	=	98	%	EPA 515.4	-88	-88	70	130	
2021/22-4	000NONPJ	matrix spike dup	5/12/2022	Pesticide	Dicamba	n/a	=	8	µg/L	EPA 515.4	0.049	0.6			
2021/22-4	000NONPJ	matrix spike dup, rec	5/12/2022	Pesticide	Dicamba	n/a	=	100	%	EPA 515.4	-88	-88	70	130	
2021/22-4	000NONPJ	matrix spike, RPD	5/12/2022	Pesticide	Dicamba	n/a	=	2	%	EPA 515.4	-88	-88	0	30	
2021/22-4	Lab	method blank	5/12/2022	Pesticide	Dicamba	n/a	<	0.049	µg/L	EPA 515.4	0.049	0.6			
2021/22-4	Lab	LCS	5/12/2022	Pesticide	Dicamba	n/a	=	7.83	µg/L	EPA 515.4	0.049	0.6			
2021/22-4	Lab	LCS, rec	5/12/2022	Pesticide	Dicamba	n/a	=	98	%	EPA 515.4	-88	-88	70	130	
2021/22-4	Lab	method blank	5/28/2022	Pesticide	Dicamba	n/a	<	0.049	µg/L	EPA 515.4	0.049	0.6			
2021/22-4	Lab	LCS	5/28/2022	Pesticide	Dicamba	n/a	=	8.26	µg/L	EPA 515.4	0.049	0.6			
2021/22-4	Lab	LCS, rec	5/28/2022	Pesticide	Dicamba	n/a	=	103	%	EPA 515.4	-88	-88	70	130	
2021/22-4	ME-SCR	matrix spike	5/28/2022	Pesticide	Dicamba	n/a	=	8.12	µg/L	EPA 515.4	0.049	0.6			
2021/22-4	ME-SCR	matrix spike, rec	5/28/2022	Pesticide	Dicamba	n/a	=	102	%	EPA 515.4	-88	-88	70	130	
2021/22-4	ME-SCR	matrix spike dup	5/28/2022	Pesticide	Dicamba	n/a	=	8.29	µg/L	EPA 515.4	0.049	0.6			
2021/22-4	ME-SCR	matrix spike dup, rec	5/28/2022	Pesticide	Dicamba	n/a	=	104	%	EPA 515.4	-88	-88	70	130	
2021/22-4	ME-SCR	matrix spike, RPD	5/28/2022	Pesticide	Dicamba	n/a	=	2	%	EPA 515.4	-88	-88	0	30	
2021/22-4	000NONPJ	matrix spike	5/12/2022	Pesticide	Dichlorprop	n/a	=	7.86	µg/L	EPA 515.4	0.12	0.3			
2021/22-4	000NONPJ	matrix spike, rec	5/12/2022	Pesticide	Dichlorprop	n/a	=	98	%	EPA 515.4	-88	-88	70	130	
2021/22-4	000NONPJ	matrix spike dup	5/12/2022	Pesticide	Dichlorprop	n/a	=	8.06	µg/L	EPA 515.4	0.12	0.3			
2021/22-4	000NONPJ	matrix spike dup, rec	5/12/2022	Pesticide	Dichlorprop	n/a	=	101	%	EPA 515.4	-88	-88	70	130	
2021/22-4	000NONPJ	matrix spike, RPD	5/12/2022	Pesticide	Dichlorprop	n/a	=	2	%	EPA 515.4	-88	-88	0	30	
2021/22-4	Lab	method blank	5/12/2022	Pesticide	Dichlorprop	n/a	<	0.12	µg/L	EPA 515.4	0.12	0.3			
2021/22-4	Lab	LCS	5/12/2022	Pesticide	Dichlorprop	n/a	=	7.83	µg/L	EPA 515.4	0.12	0.3			
2021/22-4	Lab	LCS, rec	5/12/2022	Pesticide	Dichlorprop	n/a	=	98	%	EPA 515.4	-88	-88	70	130	
2021/22-4	Lab	method blank	5/28/2022	Pesticide	Dichlorprop	n/a	<	0.12	µg/L	EPA 515.4	0.12	0.3			
2021/22-4	Lab	LCS	5/28/2022	Pesticide	Dichlorprop	n/a	=	8.29	µg/L	EPA 515.4	0.12	0.3			
2021/22-4	Lab	LCS, rec	5/28/2022	Pesticide	Dichlorprop	n/a	=	104	%	EPA 515.4	-88	-88	70	130	
2021/22-4	ME-SCR	matrix spike	5/28/2022	Pesticide	Dichlorprop	n/a	=	8.06	µg/L	EPA 515.4	0.12	0.3			
2021/22-4	ME-SCR	matrix spike, rec	5/28/2022	Pesticide	Dichlorprop	n/a	=	101	%	EPA 515.4	-88	-88	70	130	
2021/22-4	ME-SCR	matrix spike dup	5/28/2022	Pesticide	Dichlorprop	n/a	=	8.16	µg/L	EPA 515.4	0.12	0.3			
2021/22-4	ME-SCR	matrix spike dup, rec	5/28/2022	Pesticide	Dichlorprop	n/a	=	102	%	EPA 515.4	-88	-88	70	130	
2021/22-4	ME-SCR	matrix spike, RPD	5/28/2022	Pesticide	Dichlorprop	n/a	=	1	%	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	
2021/22-4	Lab	LCS	5/26/2022	Pesticide	Dichlorvos	n/a	=	0.0299	µg/L	EPA 625.1m	0.0009	0.01			
2021/22-4	Lab	LCS, rec	5/26/2022	Pesticide	Dichlorvos	n/a	=	60	%	EPA 625.1m	-88	-88	39	118	
2021/22-4	Lab	LCS dup	5/26/2022	Pesticide	Dichlorvos	n/a	=	0.0997	µg/L	EPA 625.1m	0.0009	0.01			EUM,IL
2021/22-4	Lab	LCS dup, rec	5/26/2022	Pesticide	Dichlorvos	n/a	=	199	%	EPA 625.1m	-88	-88	39	118	EUM,IL
2021/22-4	Lab	LCS, RPD	5/26/2022	Pesticide	Dichlorvos	n/a	=	108	%	EPA 625.1m	-88	-88	0	30	EUM,IL
2021/22-4	Lab	method blank	5/26/2022	Pesticide	Dichlorvos	n/a	<	0.0009	µg/L	EPA 625.1m	0.0009	0.01			
2021/22-4	Lab	LCS	6/1/2022	Pesticide	Dichlorvos	n/a	=	0.0418	µg/L	EPA 625.1m	0.0009	0.01			
2021/22-4	Lab	LCS, rec	6/1/2022	Pesticide	Dichlorvos	n/a	=	84	%	EPA 625.1m	-88	-88	39	118	
2021/22-4	Lab	method blank	6/2/2022	Pesticide	Dichlorvos	n/a	<	0.0009	µg/L	EPA 625.1m	0.0009	0.01			
2021/22-4	ME-CC	matrix spike	6/2/2022	Pesticide	Dichlorvos	n/a	=	0.0568	µg/L	EPA 625.1m	0.0009	0.01			
2021/22-4	ME-CC	matrix spike, rec	6/2/2022	Pesticide	Dichlorvos	n/a	=	114	%	EPA 625.1m	-88	-88	52	132	
2021/22-4	ME-CC	matrix spike dup	6/2/2022	Pesticide	Dichlorvos	n/a	=	0.0718	µg/L	EPA 625.1m	0.0009	0.01			GB
2021/22-4	ME-CC	matrix spike dup, rec	6/2/2022	Pesticide	Dichlorvos	n/a	=	144	%	EPA 625.1m	-88	-88	52	132	GB
2021/22-4	ME-CC	matrix spike, RPD	6/2/2022	Pesticide	Dichlorvos	n/a	=	23	%	EPA 625.1m	-88	-88	0	30	GB
2021/22-4	Lab	method blank	5/7/2022	Pesticide	Dieldrin	n/a	<	0.0008	µg/L	EPA 608.3	0.0008	0.01			
2021/22-4	Lab	LCS	5/7/2022	Pesticide	Dieldrin	n/a	=	0.0872	µg/L	EPA 608.3	0.0008	0.01			
2021/22-4	Lab	LCS, rec	5/7/2022	Pesticide	Dieldrin	n/a	=	87	%	EPA 608.3	-88	-88	58	130	
2021/22-4	Lab	LCS dup	5/7/2022	Pesticide	Dieldrin	n/a	=	0.08	µg/L	EPA 608.3	0.0008	0.01			
2021/22-4	Lab	LCS dup, rec	5/7/2022	Pesticide	Dieldrin	n/a	=	80	%	EPA 608.3	-88	-88	58	130	
2021/22-4	Lab	LCS, RPD	5/7/2022	Pesticide	Dieldrin	n/a	=	9	%	EPA 608.3	-88	-88	0	30	
2021/22-4	Lab	method blank	5/27/2022	Pesticide	Dieldrin	n/a	<	0.0008	µg/L	EPA 608.3	0.0008	0.01			
2021/22-4	Lab	LCS	5/27/2022	Pesticide	Dieldrin	n/a	=	0.0738	µg/L	EPA 608.3	0.0008	0.01			
2021/22-4	Lab	LCS, rec	5/27/2022	Pesticide	Dieldrin	n/a	=	74	%	EPA 608.3	-88	-88	58	130	
2021/22-4	Lab	LCS dup	5/27/2022	Pesticide	Dieldrin	n/a	=	0.0761	µg/L	EPA 608.3	0.0008	0.01			
2021/22-4	Lab	LCS dup, rec	5/27/2022	Pesticide	Dieldrin	n/a	=	76	%	EPA 608.3	-88	-88	58	130	
2021/22-4	Lab	LCS, RPD	5/27/2022	Pesticide	Dieldrin	n/a	=	3	%	EPA 608.3	-88	-88	0	30	
2021/22-4	Lab	method blank	6/10/2022	Pesticide	Dieldrin	n/a	<	0.0008	µg/L	EPA 608.3	0.0008	0.01			
2021/22-4	Lab	LCS	6/10/2022	Pesticide	Dieldrin	n/a	=	0.0657	µg/L	EPA 608.3	0.0008	0.01			
2021/22-4	Lab	LCS, rec	6/10/2022	Pesticide	Dieldrin	n/a	=	66	%	EPA 608.3	-88	-88	58	130	
2021/22-4	Lab	LCS dup	6/10/2022	Pesticide	Dieldrin	n/a	=	0.0726	µg/L	EPA 608.3	0.0008	0.01			
2021/22-4	Lab	LCS dup, rec	6/10/2022	Pesticide	Dieldrin	n/a	=	73	%	EPA 608.3	-88	-88	58	130	
2021/22-4	Lab	LCS, RPD	6/10/2022	Pesticide	Dieldrin	n/a	=	10	%	EPA 608.3	-88	-88	0	30	
2021/22-4	Lab	method blank	6/11/2022	Pesticide	Dieldrin	n/a	<	0.0008	µg/L	EPA 608.3	0.0008	0.01			
2021/22-4	Lab	LCS	6/11/2022	Pesticide	Dieldrin	n/a	=	0.0644	µg/L	EPA 608.3	0.0008	0.01			
2021/22-4	Lab	LCS, rec	6/11/2022	Pesticide	Dieldrin	n/a	=	64	%	EPA 608.3	-88	-88	58	130	
2021/22-4	Lab	LCS dup	6/11/2022	Pesticide	Dieldrin	n/a	=	0.0683	µg/L	EPA 608.3	0.0008	0.01			
2021/22-4	Lab	LCS dup, rec	6/11/2022	Pesticide	Dieldrin	n/a	=	68	%	EPA 608.3	-88	-88	58	130	
2021/22-4	Lab	LCS, RPD	6/11/2022	Pesticide	Dieldrin	n/a	=	6	%	EPA 608.3	-88	-88	0	30	
2021/22-4	Lab	method blank	5/10/2022	Pesticide	Dimethoate	n/a	<	0.02	µg/L	EPA 525.2	0.02	0.2			
2021/22-4	Lab	LCS	5/10/2022	Pesticide	Dimethoate	n/a	=	6.57	µg/L	EPA 525.2	0.02	0.2			EUM
2021/22-4	Lab	LCS, rec	5/10/2022	Pesticide	Dimethoate	n/a	=	131	%	EPA 525.2	-88	-88	50	120	EUM
2021/22-4	Lab	LCS dup	5/10/2022	Pesticide	Dimethoate	n/a	=	6.67	µg/L	EPA 525.2	0.02	0.2			EUM
2021/22-4	Lab	LCS dup, rec	5/10/2022	Pesticide	Dimethoate	n/a	=	133	%	EPA 525.2	-88	-88	50	120	EUM
2021/22-4	Lab	LCS, RPD	5/10/2022	Pesticide	Dimethoate	n/a	=	2	%	EPA 525.2	-88	-88	0	30	EUM
2021/22-4	Lab	LCS	5/26/2022	Pesticide	Dimethoate	n/a	=	0.108	µg/L	EPA 625.1m	0.0027	0.01			EUM
2021/22-4	Lab	LCS, rec	5/26/2022	Pesticide	Dimethoate	n/a	=	215	%	EPA 625.1m	-88	-88	10	200	EUM
2021/22-4	Lab	LCS dup	5/26/2022	Pesticide	Dimethoate	n/a	=	0.128	µg/L	EPA 625.1m	0.0027	0.01			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	
2021/22-4	Lab	LCS dup, rec	5/26/2022	Pesticide	Dimethoate	n/a	=	257	%	EPA 625.1m	-88	-88	10	200	EUM
2021/22-4	Lab	LCS, RPD	5/26/2022	Pesticide	Dimethoate	n/a	=	18	%	EPA 625.1m	-88	-88	0	30	EUM
2021/22-4	Lab	method blank	5/26/2022	Pesticide	Dimethoate	n/a	<	0.0027	µg/L	EPA 625.1m	0.0027	0.01			
2021/22-4	Lab	method blank	5/31/2022	Pesticide	Dimethoate	n/a	<	0.02	µg/L	EPA 525.2	0.02	0.2			
2021/22-4	Lab	LCS	5/31/2022	Pesticide	Dimethoate	n/a	=	5.01	µg/L	EPA 525.2	0.02	0.2			
2021/22-4	Lab	LCS, rec	5/31/2022	Pesticide	Dimethoate	n/a	=	100	%	EPA 525.2	-88	-88	50	120	
2021/22-4	Lab	LCS dup	5/31/2022	Pesticide	Dimethoate	n/a	=	5.05	µg/L	EPA 525.2	0.02	0.2			
2021/22-4	Lab	LCS dup, rec	5/31/2022	Pesticide	Dimethoate	n/a	=	101	%	EPA 525.2	-88	-88	50	120	
2021/22-4	Lab	LCS, RPD	5/31/2022	Pesticide	Dimethoate	n/a	=	0.8	%	EPA 525.2	-88	-88	0	30	
2021/22-4	Lab	LCS	6/1/2022	Pesticide	Dimethoate	n/a	=	0.016	µg/L	EPA 625.1m	0.0027	0.01			
2021/22-4	Lab	LCS, rec	6/1/2022	Pesticide	Dimethoate	n/a	=	32	%	EPA 625.1m	-88	-88	10	200	
2021/22-4	Lab	method blank	6/2/2022	Pesticide	Dimethoate	n/a	<	0.0027	µg/L	EPA 625.1m	0.0027	0.01			
2021/22-4	Lab	method blank	6/2/2022	Pesticide	Dimethoate	n/a	<	0.02	µg/L	EPA 525.2	0.02	0.2			
2021/22-4	Lab	LCS	6/2/2022	Pesticide	Dimethoate	n/a	=	4.59	µg/L	EPA 525.2	0.02	0.2			
2021/22-4	Lab	LCS, rec	6/2/2022	Pesticide	Dimethoate	n/a	=	92	%	EPA 525.2	-88	-88	50	120	
2021/22-4	Lab	LCS dup	6/2/2022	Pesticide	Dimethoate	n/a	=	4.03	µg/L	EPA 525.2	0.02	0.2			
2021/22-4	Lab	LCS dup, rec	6/2/2022	Pesticide	Dimethoate	n/a	=	81	%	EPA 525.2	-88	-88	50	120	
2021/22-4	Lab	LCS, RPD	6/2/2022	Pesticide	Dimethoate	n/a	=	13	%	EPA 525.2	-88	-88	0	30	
2021/22-4	ME-CC	matrix spike	6/2/2022	Pesticide	Dimethoate	n/a	=	0.0314	µg/L	EPA 625.1m	0.0027	0.01			
2021/22-4	ME-CC	matrix spike, rec	6/2/2022	Pesticide	Dimethoate	n/a	=	63	%	EPA 625.1m	-88	-88	0.1	208	
2021/22-4	ME-CC	matrix spike dup	6/2/2022	Pesticide	Dimethoate	n/a	=	0.0358	µg/L	EPA 625.1m	0.0027	0.01			
2021/22-4	ME-CC	matrix spike dup, rec	6/2/2022	Pesticide	Dimethoate	n/a	=	72	%	EPA 625.1m	-88	-88	0.1	208	
2021/22-4	ME-CC	matrix spike, RPD	6/2/2022	Pesticide	Dimethoate	n/a	=	13	%	EPA 625.1m	-88	-88	0	30	
2021/22-4	000NONPJ	matrix spike	5/12/2022	Pesticide	Dinoseb	n/a	=	4	µg/L	EPA 515.4	0.033	0.4			
2021/22-4	000NONPJ	matrix spike, rec	5/12/2022	Pesticide	Dinoseb	n/a	=	100	%	EPA 515.4	-88	-88	70	130	
2021/22-4	000NONPJ	matrix spike dup	5/12/2022	Pesticide	Dinoseb	n/a	=	4.22	µg/L	EPA 515.4	0.033	0.4			
2021/22-4	000NONPJ	matrix spike dup, rec	5/12/2022	Pesticide	Dinoseb	n/a	=	105	%	EPA 515.4	-88	-88	70	130	
2021/22-4	000NONPJ	matrix spike, RPD	5/12/2022	Pesticide	Dinoseb	n/a	=	5	%	EPA 515.4	-88	-88	0	30	
2021/22-4	Lab	method blank	5/12/2022	Pesticide	Dinoseb	n/a	<	0.033	µg/L	EPA 515.4	0.033	0.4			
2021/22-4	Lab	LCS	5/12/2022	Pesticide	Dinoseb	n/a	=	4.11	µg/L	EPA 515.4	0.033	0.4			
2021/22-4	Lab	LCS, rec	5/12/2022	Pesticide	Dinoseb	n/a	=	103	%	EPA 515.4	-88	-88	70	130	
2021/22-4	Lab	method blank	5/28/2022	Pesticide	Dinoseb	n/a	<	0.033	µg/L	EPA 515.4	0.033	0.4			
2021/22-4	Lab	LCS	5/28/2022	Pesticide	Dinoseb	n/a	=	3.92	µg/L	EPA 515.4	0.033	0.4			
2021/22-4	Lab	LCS, rec	5/28/2022	Pesticide	Dinoseb	n/a	=	98	%	EPA 515.4	-88	-88	70	130	
2021/22-4	ME-SCR	matrix spike	5/28/2022	Pesticide	Dinoseb	n/a	=	3.92	µg/L	EPA 515.4	0.033	0.4			
2021/22-4	ME-SCR	matrix spike, rec	5/28/2022	Pesticide	Dinoseb	n/a	=	98	%	EPA 515.4	-88	-88	70	130	
2021/22-4	ME-SCR	matrix spike dup	5/28/2022	Pesticide	Dinoseb	n/a	=	3.98	µg/L	EPA 515.4	0.033	0.4			
2021/22-4	ME-SCR	matrix spike dup, rec	5/28/2022	Pesticide	Dinoseb	n/a	=	99	%	EPA 515.4	-88	-88	70	130	
2021/22-4	ME-SCR	matrix spike, RPD	5/28/2022	Pesticide	Dinoseb	n/a	=	1	%	EPA 515.4	-88	-88	0	30	
2021/22-4	Lab	method blank	5/10/2022	Pesticide	Diphenamid	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1			
2021/22-4	Lab	LCS	5/10/2022	Pesticide	Diphenamid	n/a	=	6.03	µg/L	EPA 525.2	0.03	0.1			
2021/22-4	Lab	LCS, rec	5/10/2022	Pesticide	Diphenamid	n/a	=	121	%	EPA 525.2	-88	-88	70	130	
2021/22-4	Lab	LCS dup	5/10/2022	Pesticide	Diphenamid	n/a	=	6.29	µg/L	EPA 525.2	0.03	0.1			
2021/22-4	Lab	LCS dup, rec	5/10/2022	Pesticide	Diphenamid	n/a	=	126	%	EPA 525.2	-88	-88	70	130	
2021/22-4	Lab	LCS, RPD	5/10/2022	Pesticide	Diphenamid	n/a	=	4	%	EPA 525.2	-88	-88	0	30	
2021/22-4	Lab	method blank	5/31/2022	Pesticide	Diphenamid	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1			
2021/22-4	Lab	LCS	5/31/2022	Pesticide	Diphenamid	n/a	=	5.25	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	
2021/22-4	Lab	LCS, rec	5/31/2022	Pesticide	Diphenamid	n/a	=	105	%	EPA 525.2	-88	-88	70	130	
2021/22-4	Lab	LCS dup	5/31/2022	Pesticide	Diphenamid	n/a	=	5.03	µg/L	EPA 525.2	0.03	0.1			
2021/22-4	Lab	LCS dup, rec	5/31/2022	Pesticide	Diphenamid	n/a	=	101	%	EPA 525.2	-88	-88	70	130	
2021/22-4	Lab	LCS, RPD	5/31/2022	Pesticide	Diphenamid	n/a	=	4	%	EPA 525.2	-88	-88	0	30	
2021/22-4	Lab	method blank	6/2/2022	Pesticide	Diphenamid	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1			
2021/22-4	Lab	LCS	6/2/2022	Pesticide	Diphenamid	n/a	=	5.24	µg/L	EPA 525.2	0.03	0.1			
2021/22-4	Lab	LCS, rec	6/2/2022	Pesticide	Diphenamid	n/a	=	105	%	EPA 525.2	-88	-88	70	130	
2021/22-4	Lab	LCS dup	6/2/2022	Pesticide	Diphenamid	n/a	=	4.69	µg/L	EPA 525.2	0.03	0.1			
2021/22-4	Lab	LCS dup, rec	6/2/2022	Pesticide	Diphenamid	n/a	=	94	%	EPA 525.2	-88	-88	70	130	
2021/22-4	Lab	LCS, RPD	6/2/2022	Pesticide	Diphenamid	n/a	=	11	%	EPA 525.2	-88	-88	0	30	
2021/22-4	Lab	method blank	5/10/2022	Pesticide	Disulfoton	n/a	<	0.015	µg/L	EPA 525.2	0.015	0.1			
2021/22-4	Lab	LCS	5/10/2022	Pesticide	Disulfoton	n/a	=	5.93	µg/L	EPA 525.2	0.015	0.1			
2021/22-4	Lab	LCS, rec	5/10/2022	Pesticide	Disulfoton	n/a	=	119	%	EPA 525.2	-88	-88	50	120	
2021/22-4	Lab	LCS dup	5/10/2022	Pesticide	Disulfoton	n/a	=	6.06	µg/L	EPA 525.2	0.015	0.1			EUM
2021/22-4	Lab	LCS dup, rec	5/10/2022	Pesticide	Disulfoton	n/a	=	121	%	EPA 525.2	-88	-88	50	120	EUM
2021/22-4	Lab	LCS, RPD	5/10/2022	Pesticide	Disulfoton	n/a	=	2	%	EPA 525.2	-88	-88	0	30	EUM
2021/22-4	Lab	LCS	5/26/2022	Pesticide	Disulfoton	n/a	=	0.0434	µg/L	EPA 625.1m	0.0017	0.01			
2021/22-4	Lab	LCS, rec	5/26/2022	Pesticide	Disulfoton	n/a	=	87	%	EPA 625.1m	-88	-88	65	121	
2021/22-4	Lab	LCS dup	5/26/2022	Pesticide	Disulfoton	n/a	=	0.038	µg/L	EPA 625.1m	0.0017	0.01			
2021/22-4	Lab	LCS dup, rec	5/26/2022	Pesticide	Disulfoton	n/a	=	76	%	EPA 625.1m	-88	-88	65	121	
2021/22-4	Lab	LCS, RPD	5/26/2022	Pesticide	Disulfoton	n/a	=	13	%	EPA 625.1m	-88	-88	0	30	
2021/22-4	Lab	method blank	5/26/2022	Pesticide	Disulfoton	n/a	<	0.0017	µg/L	EPA 625.1m	0.0017	0.01			
2021/22-4	Lab	method blank	5/31/2022	Pesticide	Disulfoton	n/a	<	0.015	µg/L	EPA 525.2	0.015	0.1			
2021/22-4	Lab	LCS	5/31/2022	Pesticide	Disulfoton	n/a	=	4.76	µg/L	EPA 525.2	0.015	0.1			
2021/22-4	Lab	LCS, rec	5/31/2022	Pesticide	Disulfoton	n/a	=	95	%	EPA 525.2	-88	-88	50	120	
2021/22-4	Lab	LCS dup	5/31/2022	Pesticide	Disulfoton	n/a	=	4.29	µg/L	EPA 525.2	0.015	0.1			
2021/22-4	Lab	LCS dup, rec	5/31/2022	Pesticide	Disulfoton	n/a	=	86	%	EPA 525.2	-88	-88	50	120	
2021/22-4	Lab	LCS, RPD	5/31/2022	Pesticide	Disulfoton	n/a	=	10	%	EPA 525.2	-88	-88	0	30	
2021/22-4	Lab	LCS	6/1/2022	Pesticide	Disulfoton	n/a	=	0.0403	µg/L	EPA 625.1m	0.0017	0.01			
2021/22-4	Lab	LCS, rec	6/1/2022	Pesticide	Disulfoton	n/a	=	81	%	EPA 625.1m	-88	-88	65	121	
2021/22-4	Lab	method blank	6/2/2022	Pesticide	Disulfoton	n/a	<	0.0017	µg/L	EPA 625.1m	0.0017	0.01			
2021/22-4	Lab	method blank	6/2/2022	Pesticide	Disulfoton	n/a	<	0.015	µg/L	EPA 525.2	0.015	0.1			
2021/22-4	Lab	LCS	6/2/2022	Pesticide	Disulfoton	n/a	=	4.46	µg/L	EPA 525.2	0.015	0.1			
2021/22-4	Lab	LCS, rec	6/2/2022	Pesticide	Disulfoton	n/a	=	89	%	EPA 525.2	-88	-88	50	120	
2021/22-4	Lab	LCS dup	6/2/2022	Pesticide	Disulfoton	n/a	=	3.48	µg/L	EPA 525.2	0.015	0.1			
2021/22-4	Lab	LCS dup, rec	6/2/2022	Pesticide	Disulfoton	n/a	=	70	%	EPA 525.2	-88	-88	50	120	
2021/22-4	Lab	LCS, RPD	6/2/2022	Pesticide	Disulfoton	n/a	=	25	%	EPA 525.2	-88	-88	0	30	
2021/22-4	ME-CC	matrix spike	6/2/2022	Pesticide	Disulfoton	n/a	=	0.0579	µg/L	EPA 625.1m	0.0017	0.01			
2021/22-4	ME-CC	matrix spike, rec	6/2/2022	Pesticide	Disulfoton	n/a	=	116	%	EPA 625.1m	-88	-88	33	172	
2021/22-4	ME-CC	matrix spike dup	6/2/2022	Pesticide	Disulfoton	n/a	=	0.0711	µg/L	EPA 625.1m	0.0017	0.01			
2021/22-4	ME-CC	matrix spike dup, rec	6/2/2022	Pesticide	Disulfoton	n/a	=	142	%	EPA 625.1m	-88	-88	33	172	
2021/22-4	ME-CC	matrix spike, RPD	6/2/2022	Pesticide	Disulfoton	n/a	=	20	%	EPA 625.1m	-88	-88	0	30	
2021/22-4	Lab	method blank	5/7/2022	Pesticide	Endosulfan I	n/a	<	0.0009	µg/L	EPA 608.3	0.0009	0.02			
2021/22-4	Lab	LCS	5/7/2022	Pesticide	Endosulfan I	n/a	=	0.091	µg/L	EPA 608.3	0.0009	0.02			
2021/22-4	Lab	LCS, rec	5/7/2022	Pesticide	Endosulfan I	n/a	=	91	%	EPA 608.3	-88	-88	57	141	
2021/22-4	Lab	LCS dup	5/7/2022	Pesticide	Endosulfan I	n/a	=	0.083	µg/L	EPA 608.3	0.0009	0.02			
2021/22-4	Lab	LCS dup, rec	5/7/2022	Pesticide	Endosulfan I	n/a	=	83	%	EPA 608.3	-88	-88	57	141	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2021/22-4	Lab	LCS, RPD	5/7/2022	Pesticide	Endosulfan I	n/a	=	9	%	EPA 608.3	-88	-88	0	30	
2021/22-4	Lab	method blank	5/27/2022	Pesticide	Endosulfan I	n/a	<	0.0009	µg/L	EPA 608.3	0.0009	0.02			
2021/22-4	Lab	LCS	5/27/2022	Pesticide	Endosulfan I	n/a	=	0.0648	µg/L	EPA 608.3	0.0009	0.02			
2021/22-4	Lab	LCS, rec	5/27/2022	Pesticide	Endosulfan I	n/a	=	65	%	EPA 608.3	-88	-88	57	141	
2021/22-4	Lab	LCS dup	5/27/2022	Pesticide	Endosulfan I	n/a	=	0.0676	µg/L	EPA 608.3	0.0009	0.02			
2021/22-4	Lab	LCS dup, rec	5/27/2022	Pesticide	Endosulfan I	n/a	=	68	%	EPA 608.3	-88	-88	57	141	
2021/22-4	Lab	LCS, RPD	5/27/2022	Pesticide	Endosulfan I	n/a	=	4	%	EPA 608.3	-88	-88	0	30	
2021/22-4	Lab	method blank	6/10/2022	Pesticide	Endosulfan I	n/a	<	0.0009	µg/L	EPA 608.3	0.0009	0.02			
2021/22-4	Lab	LCS	6/10/2022	Pesticide	Endosulfan I	n/a	=	0.068	µg/L	EPA 608.3	0.0009	0.02			
2021/22-4	Lab	LCS, rec	6/10/2022	Pesticide	Endosulfan I	n/a	=	68	%	EPA 608.3	-88	-88	57	141	
2021/22-4	Lab	LCS dup	6/10/2022	Pesticide	Endosulfan I	n/a	=	0.0749	µg/L	EPA 608.3	0.0009	0.02			
2021/22-4	Lab	LCS dup, rec	6/10/2022	Pesticide	Endosulfan I	n/a	=	75	%	EPA 608.3	-88	-88	57	141	
2021/22-4	Lab	LCS, RPD	6/10/2022	Pesticide	Endosulfan I	n/a	=	10	%	EPA 608.3	-88	-88	0	30	
2021/22-4	Lab	method blank	6/11/2022	Pesticide	Endosulfan I	n/a	<	0.0009	µg/L	EPA 608.3	0.0009	0.02			
2021/22-4	Lab	LCS	6/11/2022	Pesticide	Endosulfan I	n/a	=	0.0532	µg/L	EPA 608.3	0.0009	0.02			
2021/22-4	Lab	LCS, rec	6/11/2022	Pesticide	Endosulfan I	n/a	=	53	%	EPA 608.3	-88	-88	57	141	
2021/22-4	Lab	LCS dup	6/11/2022	Pesticide	Endosulfan I	n/a	=	0.0574	µg/L	EPA 608.3	0.0009	0.02			
2021/22-4	Lab	LCS dup, rec	6/11/2022	Pesticide	Endosulfan I	n/a	=	57	%	EPA 608.3	-88	-88	57	141	
2021/22-4	Lab	LCS, RPD	6/11/2022	Pesticide	Endosulfan I	n/a	=	8	%	EPA 608.3	-88	-88	0	30	
2021/22-4	Lab	method blank	5/7/2022	Pesticide	Endosulfan II	n/a	<	0.0007	µg/L	EPA 608.3	0.0007	0.01			
2021/22-4	Lab	LCS	5/7/2022	Pesticide	Endosulfan II	n/a	=	0.0984	µg/L	EPA 608.3	0.0007	0.01			
2021/22-4	Lab	LCS, rec	5/7/2022	Pesticide	Endosulfan II	n/a	=	98	%	EPA 608.3	-88	-88	22	171	
2021/22-4	Lab	LCS dup	5/7/2022	Pesticide	Endosulfan II	n/a	=	0.0896	µg/L	EPA 608.3	0.0007	0.01			
2021/22-4	Lab	LCS dup, rec	5/7/2022	Pesticide	Endosulfan II	n/a	=	90	%	EPA 608.3	-88	-88	22	171	
2021/22-4	Lab	LCS, RPD	5/7/2022	Pesticide	Endosulfan II	n/a	=	9	%	EPA 608.3	-88	-88	0	30	
2021/22-4	Lab	method blank	5/27/2022	Pesticide	Endosulfan II	n/a	<	0.0007	µg/L	EPA 608.3	0.0007	0.01			
2021/22-4	Lab	LCS	5/27/2022	Pesticide	Endosulfan II	n/a	=	0.0762	µg/L	EPA 608.3	0.0007	0.01			
2021/22-4	Lab	LCS, rec	5/27/2022	Pesticide	Endosulfan II	n/a	=	76	%	EPA 608.3	-88	-88	22	171	
2021/22-4	Lab	LCS dup	5/27/2022	Pesticide	Endosulfan II	n/a	=	0.0783	µg/L	EPA 608.3	0.0007	0.01			
2021/22-4	Lab	LCS dup, rec	5/27/2022	Pesticide	Endosulfan II	n/a	=	78	%	EPA 608.3	-88	-88	22	171	
2021/22-4	Lab	LCS, RPD	5/27/2022	Pesticide	Endosulfan II	n/a	=	3	%	EPA 608.3	-88	-88	0	30	
2021/22-4	Lab	method blank	6/10/2022	Pesticide	Endosulfan II	n/a	<	0.0007	µg/L	EPA 608.3	0.0007	0.01			
2021/22-4	Lab	LCS	6/10/2022	Pesticide	Endosulfan II	n/a	=	0.0725	µg/L	EPA 608.3	0.0007	0.01			
2021/22-4	Lab	LCS, rec	6/10/2022	Pesticide	Endosulfan II	n/a	=	73	%	EPA 608.3	-88	-88	22	171	
2021/22-4	Lab	LCS dup	6/10/2022	Pesticide	Endosulfan II	n/a	=	0.0799	µg/L	EPA 608.3	0.0007	0.01			
2021/22-4	Lab	LCS dup, rec	6/10/2022	Pesticide	Endosulfan II	n/a	=	80	%	EPA 608.3	-88	-88	22	171	
2021/22-4	Lab	LCS, RPD	6/10/2022	Pesticide	Endosulfan II	n/a	=	10	%	EPA 608.3	-88	-88	0	30	
2021/22-4	Lab	method blank	6/11/2022	Pesticide	Endosulfan II	n/a	<	0.0007	µg/L	EPA 608.3	0.0007	0.01			
2021/22-4	Lab	LCS	6/11/2022	Pesticide	Endosulfan II	n/a	=	0.0656	µg/L	EPA 608.3	0.0007	0.01			
2021/22-4	Lab	LCS, rec	6/11/2022	Pesticide	Endosulfan II	n/a	=	66	%	EPA 608.3	-88	-88	22	171	
2021/22-4	Lab	LCS dup	6/11/2022	Pesticide	Endosulfan II	n/a	=	0.0682	µg/L	EPA 608.3	0.0007	0.01			
2021/22-4	Lab	LCS dup, rec	6/11/2022	Pesticide	Endosulfan II	n/a	=	68	%	EPA 608.3	-88	-88	22	171	
2021/22-4	Lab	LCS, RPD	6/11/2022	Pesticide	Endosulfan II	n/a	=	4	%	EPA 608.3	-88	-88	0	30	
2021/22-4	Lab	method blank	5/7/2022	Pesticide	Endosulfan sulfate	n/a	<	0.0013	µg/L	EPA 608.3	0.0013	0.05			
2021/22-4	Lab	LCS	5/7/2022	Pesticide	Endosulfan sulfate	n/a	=	0.103	µg/L	EPA 608.3	0.0013	0.05			
2021/22-4	Lab	LCS, rec	5/7/2022	Pesticide	Endosulfan sulfate	n/a	=	103	%	EPA 608.3	-88	-88	38	132	
2021/22-4	Lab	LCS dup	5/7/2022	Pesticide	Endosulfan sulfate	n/a	=	0.102	µg/L	EPA 608.3	0.0013	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	
2021/22-4	Lab	LCS dup, rec	5/7/2022	Pesticide	Endosulfan sulfate	n/a	=	102	%	EPA 608.3	-88	-88	38	132	
2021/22-4	Lab	LCS, RPD	5/7/2022	Pesticide	Endosulfan sulfate	n/a	=	1	%	EPA 608.3	-88	-88	0	30	
2021/22-4	Lab	method blank	5/27/2022	Pesticide	Endosulfan sulfate	n/a	<	0.0013	µg/L	EPA 608.3	0.0013	0.05			
2021/22-4	Lab	LCS	5/27/2022	Pesticide	Endosulfan sulfate	n/a	=	0.0952	µg/L	EPA 608.3	0.0013	0.05			
2021/22-4	Lab	LCS, rec	5/27/2022	Pesticide	Endosulfan sulfate	n/a	=	95	%	EPA 608.3	-88	-88	38	132	
2021/22-4	Lab	LCS dup	5/27/2022	Pesticide	Endosulfan sulfate	n/a	=	0.115	µg/L	EPA 608.3	0.0013	0.05			
2021/22-4	Lab	LCS dup, rec	5/27/2022	Pesticide	Endosulfan sulfate	n/a	=	115	%	EPA 608.3	-88	-88	38	132	
2021/22-4	Lab	LCS, RPD	5/27/2022	Pesticide	Endosulfan sulfate	n/a	=	19	%	EPA 608.3	-88	-88	0	30	
2021/22-4	Lab	method blank	6/10/2022	Pesticide	Endosulfan sulfate	n/a	<	0.0013	µg/L	EPA 608.3	0.0013	0.05			
2021/22-4	Lab	LCS	6/10/2022	Pesticide	Endosulfan sulfate	n/a	=	0.0755	µg/L	EPA 608.3	0.0013	0.05			
2021/22-4	Lab	LCS, rec	6/10/2022	Pesticide	Endosulfan sulfate	n/a	=	75	%	EPA 608.3	-88	-88	38	132	
2021/22-4	Lab	LCS dup	6/10/2022	Pesticide	Endosulfan sulfate	n/a	=	0.0855	µg/L	EPA 608.3	0.0013	0.05			
2021/22-4	Lab	LCS dup, rec	6/10/2022	Pesticide	Endosulfan sulfate	n/a	=	86	%	EPA 608.3	-88	-88	38	132	
2021/22-4	Lab	LCS, RPD	6/10/2022	Pesticide	Endosulfan sulfate	n/a	=	12	%	EPA 608.3	-88	-88	0	30	
2021/22-4	Lab	method blank	6/11/2022	Pesticide	Endosulfan sulfate	n/a	<	0.0013	µg/L	EPA 608.3	0.0013	0.05			
2021/22-4	Lab	LCS	6/11/2022	Pesticide	Endosulfan sulfate	n/a	=	0.0701	µg/L	EPA 608.3	0.0013	0.05			
2021/22-4	Lab	LCS, rec	6/11/2022	Pesticide	Endosulfan sulfate	n/a	=	70	%	EPA 608.3	-88	-88	38	132	
2021/22-4	Lab	LCS dup	6/11/2022	Pesticide	Endosulfan sulfate	n/a	=	0.0819	µg/L	EPA 608.3	0.0013	0.05			
2021/22-4	Lab	LCS dup, rec	6/11/2022	Pesticide	Endosulfan sulfate	n/a	=	82	%	EPA 608.3	-88	-88	38	132	
2021/22-4	Lab	LCS, RPD	6/11/2022	Pesticide	Endosulfan sulfate	n/a	=	16	%	EPA 608.3	-88	-88	0	30	
2021/22-4	Lab	method blank	5/7/2022	Pesticide	Endrin	n/a	<	0.0017	µg/L	EPA 608.3	0.0017	0.01			
2021/22-4	Lab	LCS	5/7/2022	Pesticide	Endrin	n/a	=	0.107	µg/L	EPA 608.3	0.0017	0.01			
2021/22-4	Lab	LCS, rec	5/7/2022	Pesticide	Endrin	n/a	=	107	%	EPA 608.3	-88	-88	51	130	
2021/22-4	Lab	LCS dup	5/7/2022	Pesticide	Endrin	n/a	=	0.0981	µg/L	EPA 608.3	0.0017	0.01			
2021/22-4	Lab	LCS dup, rec	5/7/2022	Pesticide	Endrin	n/a	=	98	%	EPA 608.3	-88	-88	51	130	
2021/22-4	Lab	LCS, RPD	5/7/2022	Pesticide	Endrin	n/a	=	9	%	EPA 608.3	-88	-88	0	30	
2021/22-4	Lab	method blank	5/27/2022	Pesticide	Endrin	n/a	<	0.0017	µg/L	EPA 608.3	0.0017	0.01			
2021/22-4	Lab	LCS	5/27/2022	Pesticide	Endrin	n/a	=	0.0875	µg/L	EPA 608.3	0.0017	0.01			
2021/22-4	Lab	LCS, rec	5/27/2022	Pesticide	Endrin	n/a	=	87	%	EPA 608.3	-88	-88	51	130	
2021/22-4	Lab	LCS dup	5/27/2022	Pesticide	Endrin	n/a	=	0.0897	µg/L	EPA 608.3	0.0017	0.01			
2021/22-4	Lab	LCS dup, rec	5/27/2022	Pesticide	Endrin	n/a	=	90	%	EPA 608.3	-88	-88	51	130	
2021/22-4	Lab	LCS, RPD	5/27/2022	Pesticide	Endrin	n/a	=	3	%	EPA 608.3	-88	-88	0	30	
2021/22-4	Lab	method blank	6/10/2022	Pesticide	Endrin	n/a	<	0.0017	µg/L	EPA 608.3	0.0017	0.01			
2021/22-4	Lab	LCS	6/10/2022	Pesticide	Endrin	n/a	=	0.0797	µg/L	EPA 608.3	0.0017	0.01			
2021/22-4	Lab	LCS, rec	6/10/2022	Pesticide	Endrin	n/a	=	80	%	EPA 608.3	-88	-88	51	130	
2021/22-4	Lab	LCS dup	6/10/2022	Pesticide	Endrin	n/a	=	0.0873	µg/L	EPA 608.3	0.0017	0.01			
2021/22-4	Lab	LCS dup, rec	6/10/2022	Pesticide	Endrin	n/a	=	87	%	EPA 608.3	-88	-88	51	130	
2021/22-4	Lab	LCS, RPD	6/10/2022	Pesticide	Endrin	n/a	=	9	%	EPA 608.3	-88	-88	0	30	
2021/22-4	Lab	method blank	6/11/2022	Pesticide	Endrin	n/a	<	0.0017	µg/L	EPA 608.3	0.0017	0.01			
2021/22-4	Lab	LCS	6/11/2022	Pesticide	Endrin	n/a	=	0.0757	µg/L	EPA 608.3	0.0017	0.01			
2021/22-4	Lab	LCS, rec	6/11/2022	Pesticide	Endrin	n/a	=	76	%	EPA 608.3	-88	-88	51	130	
2021/22-4	Lab	LCS dup	6/11/2022	Pesticide	Endrin	n/a	=	0.0795	µg/L	EPA 608.3	0.0017	0.01			
2021/22-4	Lab	LCS dup, rec	6/11/2022	Pesticide	Endrin	n/a	=	79	%	EPA 608.3	-88	-88	51	130	
2021/22-4	Lab	LCS, RPD	6/11/2022	Pesticide	Endrin	n/a	=	5	%	EPA 608.3	-88	-88	0	30	
2021/22-4	Lab	method blank	5/7/2022	Pesticide	Endrin aldehyde	n/a	<	0.0019	µg/L	EPA 608.3	0.0019	0.01			
2021/22-4	Lab	LCS	5/7/2022	Pesticide	Endrin aldehyde	n/a	=	0.0921	µg/L	EPA 608.3	0.0019	0.01			
2021/22-4	Lab	LCS, rec	5/7/2022	Pesticide	Endrin aldehyde	n/a	=	92	%	EPA 608.3	-88	-88	18	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	
2021/22-4	Lab	LCS dup	5/7/2022	Pesticide	Endrin aldehyde	n/a	=	0.0896	µg/L	EPA 608.3	0.0019	0.01			
2021/22-4	Lab	LCS dup, rec	5/7/2022	Pesticide	Endrin aldehyde	n/a	=	90	%	EPA 608.3	-88	-88	18	130	
2021/22-4	Lab	LCS, RPD	5/7/2022	Pesticide	Endrin aldehyde	n/a	=	3	%	EPA 608.3	-88	-88	0	30	
2021/22-4	Lab	method blank	5/27/2022	Pesticide	Endrin aldehyde	n/a	<	0.0019	µg/L	EPA 608.3	0.0019	0.01			
2021/22-4	Lab	LCS	5/27/2022	Pesticide	Endrin aldehyde	n/a	=	0.0829	µg/L	EPA 608.3	0.0019	0.01			
2021/22-4	Lab	LCS, rec	5/27/2022	Pesticide	Endrin aldehyde	n/a	=	83	%	EPA 608.3	-88	-88	18	130	
2021/22-4	Lab	LCS dup	5/27/2022	Pesticide	Endrin aldehyde	n/a	=	0.0799	µg/L	EPA 608.3	0.0019	0.01			
2021/22-4	Lab	LCS dup, rec	5/27/2022	Pesticide	Endrin aldehyde	n/a	=	80	%	EPA 608.3	-88	-88	18	130	
2021/22-4	Lab	LCS, RPD	5/27/2022	Pesticide	Endrin aldehyde	n/a	=	4	%	EPA 608.3	-88	-88	0	30	
2021/22-4	Lab	method blank	6/10/2022	Pesticide	Endrin aldehyde	n/a	<	0.0019	µg/L	EPA 608.3	0.0019	0.01			
2021/22-4	Lab	LCS	6/10/2022	Pesticide	Endrin aldehyde	n/a	=	0.0723	µg/L	EPA 608.3	0.0019	0.01			
2021/22-4	Lab	LCS, rec	6/10/2022	Pesticide	Endrin aldehyde	n/a	=	72	%	EPA 608.3	-88	-88	18	130	
2021/22-4	Lab	LCS dup	6/10/2022	Pesticide	Endrin aldehyde	n/a	=	0.0788	µg/L	EPA 608.3	0.0019	0.01			
2021/22-4	Lab	LCS dup, rec	6/10/2022	Pesticide	Endrin aldehyde	n/a	=	79	%	EPA 608.3	-88	-88	18	130	
2021/22-4	Lab	LCS, RPD	6/10/2022	Pesticide	Endrin aldehyde	n/a	=	9	%	EPA 608.3	-88	-88	0	30	
2021/22-4	Lab	method blank	6/11/2022	Pesticide	Endrin aldehyde	n/a	<	0.0019	µg/L	EPA 608.3	0.0019	0.01			
2021/22-4	Lab	LCS	6/11/2022	Pesticide	Endrin aldehyde	n/a	=	0.0723	µg/L	EPA 608.3	0.0019	0.01			
2021/22-4	Lab	LCS, rec	6/11/2022	Pesticide	Endrin aldehyde	n/a	=	72	%	EPA 608.3	-88	-88	18	130	
2021/22-4	Lab	LCS dup	6/11/2022	Pesticide	Endrin aldehyde	n/a	=	0.087	µg/L	EPA 608.3	0.0019	0.01			
2021/22-4	Lab	LCS dup, rec	6/11/2022	Pesticide	Endrin aldehyde	n/a	=	87	%	EPA 608.3	-88	-88	18	130	
2021/22-4	Lab	LCS, RPD	6/11/2022	Pesticide	Endrin aldehyde	n/a	=	18	%	EPA 608.3	-88	-88	0	30	
2021/22-4	Lab	method blank	5/10/2022	Pesticide	EPTC	n/a	<	0.02	µg/L	EPA 525.2	0.02	0.1			
2021/22-4	Lab	LCS	5/10/2022	Pesticide	EPTC	n/a	=	6.38	µg/L	EPA 525.2	0.02	0.1			
2021/22-4	Lab	LCS, rec	5/10/2022	Pesticide	EPTC	n/a	=	128	%	EPA 525.2	-88	-88	70	130	
2021/22-4	Lab	LCS dup	5/10/2022	Pesticide	EPTC	n/a	=	6.37	µg/L	EPA 525.2	0.02	0.1			
2021/22-4	Lab	LCS dup, rec	5/10/2022	Pesticide	EPTC	n/a	=	127	%	EPA 525.2	-88	-88	70	130	
2021/22-4	Lab	LCS, RPD	5/10/2022	Pesticide	EPTC	n/a	=	0.3	%	EPA 525.2	-88	-88	0	30	
2021/22-4	Lab	method blank	5/31/2022	Pesticide	EPTC	n/a	<	0.02	µg/L	EPA 525.2	0.02	0.1			
2021/22-4	Lab	LCS	5/31/2022	Pesticide	EPTC	n/a	=	5.86	µg/L	EPA 525.2	0.02	0.1			
2021/22-4	Lab	LCS, rec	5/31/2022	Pesticide	EPTC	n/a	=	117	%	EPA 525.2	-88	-88	70	130	
2021/22-4	Lab	LCS dup	5/31/2022	Pesticide	EPTC	n/a	=	5.4	µg/L	EPA 525.2	0.02	0.1			
2021/22-4	Lab	LCS dup, rec	5/31/2022	Pesticide	EPTC	n/a	=	108	%	EPA 525.2	-88	-88	70	130	
2021/22-4	Lab	LCS, RPD	5/31/2022	Pesticide	EPTC	n/a	=	8	%	EPA 525.2	-88	-88	0	30	
2021/22-4	Lab	method blank	6/2/2022	Pesticide	EPTC	n/a	<	0.02	µg/L	EPA 525.2	0.02	0.1			
2021/22-4	Lab	LCS	6/2/2022	Pesticide	EPTC	n/a	=	5.72	µg/L	EPA 525.2	0.02	0.1			
2021/22-4	Lab	LCS, rec	6/2/2022	Pesticide	EPTC	n/a	=	114	%	EPA 525.2	-88	-88	70	130	
2021/22-4	Lab	LCS dup	6/2/2022	Pesticide	EPTC	n/a	=	5.14	µg/L	EPA 525.2	0.02	0.1			
2021/22-4	Lab	LCS dup, rec	6/2/2022	Pesticide	EPTC	n/a	=	103	%	EPA 525.2	-88	-88	70	130	
2021/22-4	Lab	LCS, RPD	6/2/2022	Pesticide	EPTC	n/a	=	11	%	EPA 525.2	-88	-88	0	30	
2021/22-4	Lab	LCS	5/26/2022	Pesticide	Ethoprop	n/a	=	0.0541	µg/L	EPA 625.1m	0.0006	0.01			
2021/22-4	Lab	LCS, rec	5/26/2022	Pesticide	Ethoprop	n/a	=	108	%	EPA 625.1m	-88	-88	76	165	
2021/22-4	Lab	LCS dup	5/26/2022	Pesticide	Ethoprop	n/a	=	0.0609	µg/L	EPA 625.1m	0.0006	0.01			
2021/22-4	Lab	LCS dup, rec	5/26/2022	Pesticide	Ethoprop	n/a	=	122	%	EPA 625.1m	-88	-88	76	165	
2021/22-4	Lab	LCS, RPD	5/26/2022	Pesticide	Ethoprop	n/a	=	12	%	EPA 625.1m	-88	-88	0	30	
2021/22-4	Lab	method blank	5/26/2022	Pesticide	Ethoprop	n/a	<	0.0006	µg/L	EPA 625.1m	0.0006	0.01			
2021/22-4	Lab	LCS	6/1/2022	Pesticide	Ethoprop	n/a	=	0.0383	µg/L	EPA 625.1m	0.0006	0.01			
2021/22-4	Lab	LCS, rec	6/1/2022	Pesticide	Ethoprop	n/a	=	77	%	EPA 625.1m	-88	-88	76	165	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2021/22-4	Lab	method blank	6/2/2022	Pesticide	Ethoprop	n/a	<	0.0006	µg/L	EPA 625.1m	0.0006	0.01			
2021/22-4	ME-CC	matrix spike	6/2/2022	Pesticide	Ethoprop	n/a	=	0.0561	µg/L	EPA 625.1m	0.0006	0.01			
2021/22-4	ME-CC	matrix spike, rec	6/2/2022	Pesticide	Ethoprop	n/a	=	112	%	EPA 625.1m	-88	-88	50	150	
2021/22-4	ME-CC	matrix spike dup	6/2/2022	Pesticide	Ethoprop	n/a	=	0.0695	µg/L	EPA 625.1m	0.0006	0.01			
2021/22-4	ME-CC	matrix spike dup, rec	6/2/2022	Pesticide	Ethoprop	n/a	=	139	%	EPA 625.1m	-88	-88	50	150	
2021/22-4	ME-CC	matrix spike, RPD	6/2/2022	Pesticide	Ethoprop	n/a	=	21	%	EPA 625.1m	-88	-88	0	30	
2021/22-4	Lab	LCS	5/26/2022	Pesticide	Ethyl parathion	n/a	=	0.0543	µg/L	EPA 625.1m	0.0022	0.01			
2021/22-4	Lab	LCS, rec	5/26/2022	Pesticide	Ethyl parathion	n/a	=	109	%	EPA 625.1m	-88	-88	61	139	
2021/22-4	Lab	LCS dup	5/26/2022	Pesticide	Ethyl parathion	n/a	=	0.016	µg/L	EPA 625.1m	0.0022	0.01			EUM,IL
2021/22-4	Lab	LCS dup, rec	5/26/2022	Pesticide	Ethyl parathion	n/a	=	32	%	EPA 625.1m	-88	-88	61	139	EUM,IL
2021/22-4	Lab	LCS, RPD	5/26/2022	Pesticide	Ethyl parathion	n/a	=	109	%	EPA 625.1m	-88	-88	0	30	EUM,IL
2021/22-4	Lab	method blank	5/26/2022	Pesticide	Ethyl parathion	n/a	<	0.0022	µg/L	EPA 625.1m	0.0022	0.01			
2021/22-4	Lab	LCS	6/1/2022	Pesticide	Ethyl parathion	n/a	=	0.0483	µg/L	EPA 625.1m	0.0022	0.01			
2021/22-4	Lab	LCS, rec	6/1/2022	Pesticide	Ethyl parathion	n/a	=	97	%	EPA 625.1m	-88	-88	61	139	
2021/22-4	Lab	method blank	6/2/2022	Pesticide	Ethyl parathion	n/a	<	0.0022	µg/L	EPA 625.1m	0.0022	0.01			
2021/22-4	ME-CC	matrix spike	6/2/2022	Pesticide	Ethyl parathion	n/a	=	0.0634	µg/L	EPA 625.1m	0.0022	0.01			
2021/22-4	ME-CC	matrix spike, rec	6/2/2022	Pesticide	Ethyl parathion	n/a	=	127	%	EPA 625.1m	-88	-88	26	201	
2021/22-4	ME-CC	matrix spike dup	6/2/2022	Pesticide	Ethyl parathion	n/a	=	0.0747	µg/L	EPA 625.1m	0.0022	0.01			
2021/22-4	ME-CC	matrix spike dup, rec	6/2/2022	Pesticide	Ethyl parathion	n/a	=	149	%	EPA 625.1m	-88	-88	26	201	
2021/22-4	ME-CC	matrix spike, RPD	6/2/2022	Pesticide	Ethyl parathion	n/a	=	16	%	EPA 625.1m	-88	-88	0	30	
2021/22-4	Lab	LCS	5/26/2022	Pesticide	Fensulfothion	n/a	=	0.177	µg/L	EPA 625.1m	0.0029	0.01			EUM
2021/22-4	Lab	LCS, rec	5/26/2022	Pesticide	Fensulfothion	n/a	=	355	%	EPA 625.1m	-88	-88	10	200	EUM
2021/22-4	Lab	LCS dup	5/26/2022	Pesticide	Fensulfothion	n/a	=	0.101	µg/L	EPA 625.1m	0.0029	0.01			EUM,IL
2021/22-4	Lab	LCS dup, rec	5/26/2022	Pesticide	Fensulfothion	n/a	=	202	%	EPA 625.1m	-88	-88	10	200	EUM,IL
2021/22-4	Lab	LCS, RPD	5/26/2022	Pesticide	Fensulfothion	n/a	=	55	%	EPA 625.1m	-88	-88	0	30	EUM,IL
2021/22-4	Lab	method blank	5/26/2022	Pesticide	Fensulfothion	n/a	<	0.0029	µg/L	EPA 625.1m	0.0029	0.01			
2021/22-4	Lab	LCS	6/1/2022	Pesticide	Fensulfothion	n/a	=	0.0247	µg/L	EPA 625.1m	0.0029	0.01			
2021/22-4	Lab	LCS, rec	6/1/2022	Pesticide	Fensulfothion	n/a	=	49	%	EPA 625.1m	-88	-88	10	200	
2021/22-4	Lab	method blank	6/2/2022	Pesticide	Fensulfothion	n/a	<	0.0029	µg/L	EPA 625.1m	0.0029	0.01			
2021/22-4	ME-CC	matrix spike	6/2/2022	Pesticide	Fensulfothion	n/a	=	0.041	µg/L	EPA 625.1m	0.0029	0.01			
2021/22-4	ME-CC	matrix spike, rec	6/2/2022	Pesticide	Fensulfothion	n/a	=	82	%	EPA 625.1m	-88	-88	0.1	231	
2021/22-4	ME-CC	matrix spike dup	6/2/2022	Pesticide	Fensulfothion	n/a	=	0.0489	µg/L	EPA 625.1m	0.0029	0.01			
2021/22-4	ME-CC	matrix spike dup, rec	6/2/2022	Pesticide	Fensulfothion	n/a	=	98	%	EPA 625.1m	-88	-88	0.1	231	
2021/22-4	ME-CC	matrix spike, RPD	6/2/2022	Pesticide	Fensulfothion	n/a	=	18	%	EPA 625.1m	-88	-88	0	30	
2021/22-4	Lab	LCS	5/26/2022	Pesticide	Fenthion	n/a	=	0.0485	µg/L	EPA 625.1m	0.0021	0.01			
2021/22-4	Lab	LCS, rec	5/26/2022	Pesticide	Fenthion	n/a	=	97	%	EPA 625.1m	-88	-88	77	165	
2021/22-4	Lab	LCS dup	5/26/2022	Pesticide	Fenthion	n/a	=	0.0137	µg/L	EPA 625.1m	0.0021	0.01			EUM,IL
2021/22-4	Lab	LCS dup, rec	5/26/2022	Pesticide	Fenthion	n/a	=	27	%	EPA 625.1m	-88	-88	77	165	EUM,IL
2021/22-4	Lab	LCS, RPD	5/26/2022	Pesticide	Fenthion	n/a	=	112	%	EPA 625.1m	-88	-88	0	30	EUM,IL
2021/22-4	Lab	method blank	5/26/2022	Pesticide	Fenthion	n/a	<	0.0021	µg/L	EPA 625.1m	0.0021	0.01			
2021/22-4	Lab	LCS	6/1/2022	Pesticide	Fenthion	n/a	=	0.0468	µg/L	EPA 625.1m	0.0021	0.01			
2021/22-4	Lab	LCS, rec	6/1/2022	Pesticide	Fenthion	n/a	=	94	%	EPA 625.1m	-88	-88	77	165	
2021/22-4	Lab	method blank	6/2/2022	Pesticide	Fenthion	n/a	<	0.0021	µg/L	EPA 625.1m	0.0021	0.01			
2021/22-4	ME-CC	matrix spike	6/2/2022	Pesticide	Fenthion	n/a	=	0.0599	µg/L	EPA 625.1m	0.0021	0.01			
2021/22-4	ME-CC	matrix spike, rec	6/2/2022	Pesticide	Fenthion	n/a	=	120	%	EPA 625.1m	-88	-88	27	164	
2021/22-4	ME-CC	matrix spike dup	6/2/2022	Pesticide	Fenthion	n/a	=	0.0728	µg/L	EPA 625.1m	0.0021	0.01			
2021/22-4	ME-CC	matrix spike dup, rec	6/2/2022	Pesticide	Fenthion	n/a	=	146	%	EPA 625.1m	-88	-88	27	164	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2021/22-4	ME-CC	matrix spike, RPD	6/2/2022	Pesticide	Fenthion	n/a	=	20	%	EPA 625.1m	-88	-88	0	30	
2021/22-4	Lab	method blank	5/7/2022	Pesticide	gamma-BHC (Lindane)	n/a	<	0.0004	µg/L	EPA 608.3	0.0004	0.02			
2021/22-4	Lab	LCS	5/7/2022	Pesticide	gamma-BHC (Lindane)	n/a	=	0.0961	µg/L	EPA 608.3	0.0004	0.02			
2021/22-4	Lab	LCS, rec	5/7/2022	Pesticide	gamma-BHC (Lindane)	n/a	=	96	%	EPA 608.3	-88	-88	43	130	
2021/22-4	Lab	LCS dup	5/7/2022	Pesticide	gamma-BHC (Lindane)	n/a	=	0.088	µg/L	EPA 608.3	0.0004	0.02			
2021/22-4	Lab	LCS dup, rec	5/7/2022	Pesticide	gamma-BHC (Lindane)	n/a	=	88	%	EPA 608.3	-88	-88	43	130	
2021/22-4	Lab	LCS, RPD	5/7/2022	Pesticide	gamma-BHC (Lindane)	n/a	=	9	%	EPA 608.3	-88	-88	0	30	
2021/22-4	Lab	method blank	5/27/2022	Pesticide	gamma-BHC (Lindane)	n/a	<	0.0004	µg/L	EPA 608.3	0.0004	0.02			
2021/22-4	Lab	LCS	5/27/2022	Pesticide	gamma-BHC (Lindane)	n/a	=	0.0796	µg/L	EPA 608.3	0.0004	0.02			
2021/22-4	Lab	LCS, rec	5/27/2022	Pesticide	gamma-BHC (Lindane)	n/a	=	80	%	EPA 608.3	-88	-88	43	130	
2021/22-4	Lab	LCS dup	5/27/2022	Pesticide	gamma-BHC (Lindane)	n/a	=	0.0785	µg/L	EPA 608.3	0.0004	0.02			
2021/22-4	Lab	LCS dup, rec	5/27/2022	Pesticide	gamma-BHC (Lindane)	n/a	=	79	%	EPA 608.3	-88	-88	43	130	
2021/22-4	Lab	LCS, RPD	5/27/2022	Pesticide	gamma-BHC (Lindane)	n/a	=	1	%	EPA 608.3	-88	-88	0	30	
2021/22-4	Lab	method blank	6/10/2022	Pesticide	gamma-BHC (Lindane)	n/a	<	0.0004	µg/L	EPA 608.3	0.0004	0.02			
2021/22-4	Lab	LCS	6/10/2022	Pesticide	gamma-BHC (Lindane)	n/a	=	0.0718	µg/L	EPA 608.3	0.0004	0.02			
2021/22-4	Lab	LCS, rec	6/10/2022	Pesticide	gamma-BHC (Lindane)	n/a	=	72	%	EPA 608.3	-88	-88	43	130	
2021/22-4	Lab	LCS dup	6/10/2022	Pesticide	gamma-BHC (Lindane)	n/a	=	0.0791	µg/L	EPA 608.3	0.0004	0.02			
2021/22-4	Lab	LCS dup, rec	6/10/2022	Pesticide	gamma-BHC (Lindane)	n/a	=	79	%	EPA 608.3	-88	-88	43	130	
2021/22-4	Lab	LCS, RPD	6/10/2022	Pesticide	gamma-BHC (Lindane)	n/a	=	10	%	EPA 608.3	-88	-88	0	30	
2021/22-4	Lab	method blank	6/11/2022	Pesticide	gamma-BHC (Lindane)	n/a	<	0.0004	µg/L	EPA 608.3	0.0004	0.02			
2021/22-4	Lab	LCS	6/11/2022	Pesticide	gamma-BHC (Lindane)	n/a	=	0.0585	µg/L	EPA 608.3	0.0004	0.02			
2021/22-4	Lab	LCS, rec	6/11/2022	Pesticide	gamma-BHC (Lindane)	n/a	=	58	%	EPA 608.3	-88	-88	43	130	
2021/22-4	Lab	LCS dup	6/11/2022	Pesticide	gamma-BHC (Lindane)	n/a	=	0.0721	µg/L	EPA 608.3	0.0004	0.02			
2021/22-4	Lab	LCS dup, rec	6/11/2022	Pesticide	gamma-BHC (Lindane)	n/a	=	72	%	EPA 608.3	-88	-88	43	130	
2021/22-4	Lab	LCS, RPD	6/11/2022	Pesticide	gamma-BHC (Lindane)	n/a	=	21	%	EPA 608.3	-88	-88	0	30	
2021/22-4	Lab	method blank	5/27/2022	Pesticide	gamma-Chlordane	n/a	<	0.0023	µg/L	EPA 608.3	0.0023	0.01			
2021/22-4	Lab	method blank	6/10/2022	Pesticide	gamma-Chlordane	n/a	<	0.0023	µg/L	EPA 608.3	0.0023	0.01			
2021/22-4	Lab	method blank	6/11/2022	Pesticide	gamma-Chlordane	n/a	<	0.0023	µg/L	EPA 608.3	0.0023	0.01			
2021/22-4	Lab	method blank	7/29/2022	Pesticide	gamma-Chlordane	n/a	<	0.0023	µg/L	EPA 608.3	0.0023	0.01			
2021/22-4	000NONPJ	matrix spike	5/4/2022	Pesticide	Glyphosate	n/a	=	17.4	µg/L	EPA 547	1.8	5			
2021/22-4	000NONPJ	matrix spike, rec	5/4/2022	Pesticide	Glyphosate	n/a	=	70	%	EPA 547	-88	-88	41	149	
2021/22-4	000NONPJ	matrix spike dup	5/4/2022	Pesticide	Glyphosate	n/a	=	18.9	µg/L	EPA 547	1.8	5			
2021/22-4	000NONPJ	matrix spike dup, rec	5/4/2022	Pesticide	Glyphosate	n/a	=	75	%	EPA 547	-88	-88	41	149	
2021/22-4	000NONPJ	matrix spike, RPD	5/4/2022	Pesticide	Glyphosate	n/a	=	8	%	EPA 547	-88	-88	0	30	
2021/22-4	000NONPJ	matrix spike	5/17/2022	Pesticide	Glyphosate	n/a	=	27.9	µg/L	EPA 547	1.8	5			
2021/22-4	000NONPJ	matrix spike, rec	5/17/2022	Pesticide	Glyphosate	n/a	=	112	%	EPA 547	-88	-88	41	149	
2021/22-4	000NONPJ	matrix spike dup	5/17/2022	Pesticide	Glyphosate	n/a	=	30.4	µg/L	EPA 547	1.8	5			
2021/22-4	000NONPJ	matrix spike dup, rec	5/17/2022	Pesticide	Glyphosate	n/a	=	122	%	EPA 547	-88	-88	41	149	
2021/22-4	000NONPJ	matrix spike, RPD	5/17/2022	Pesticide	Glyphosate	n/a	=	8	%	EPA 547	-88	-88	0	30	
2021/22-4	000NONPJ	matrix spike	5/17/2022	Pesticide	Glyphosate	n/a	=	28.7	µg/L	EPA 547	1.8	5			
2021/22-4	000NONPJ	matrix spike, rec	5/17/2022	Pesticide	Glyphosate	n/a	=	115	%	EPA 547	-88	-88	41	149	
2021/22-4	000NONPJ	matrix spike dup	5/17/2022	Pesticide	Glyphosate	n/a	=	29.3	µg/L	EPA 547	1.8	5			
2021/22-4	000NONPJ	matrix spike dup, rec	5/17/2022	Pesticide	Glyphosate	n/a	=	117	%	EPA 547	-88	-88	41	149	
2021/22-4	000NONPJ	matrix spike, RPD	5/17/2022	Pesticide	Glyphosate	n/a	=	2	%	EPA 547	-88	-88	0	30	
2021/22-4	000NONPJ	matrix spike	5/24/2022	Pesticide	Glyphosate	n/a	=	22.4	µg/L	EPA 547	1.8	5			
2021/22-4	000NONPJ	matrix spike, rec	5/24/2022	Pesticide	Glyphosate	n/a	=	90	%	EPA 547	-88	-88	41	149	
2021/22-4	000NONPJ	matrix spike dup	5/24/2022	Pesticide	Glyphosate	n/a	=	25.1	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	
2021/22-4	000NONPJ	matrix spike dup, rec	5/24/2022	Pesticide	Glyphosate	n/a	=	100	%	EPA 547	-88	-88	41	149	
2021/22-4	000NONPJ	matrix spike, RPD	5/24/2022	Pesticide	Glyphosate	n/a	=	11	%	EPA 547	-88	-88	0	30	
2021/22-4	000NONPJ	matrix spike	5/24/2022	Pesticide	Glyphosate	n/a	=	26.3	µg/L	EPA 547	1.8	5			
2021/22-4	000NONPJ	matrix spike, rec	5/24/2022	Pesticide	Glyphosate	n/a	=	105	%	EPA 547	-88	-88	41	149	
2021/22-4	000NONPJ	matrix spike dup	5/24/2022	Pesticide	Glyphosate	n/a	=	26.1	µg/L	EPA 547	1.8	5			
2021/22-4	000NONPJ	matrix spike dup, rec	5/24/2022	Pesticide	Glyphosate	n/a	=	105	%	EPA 547	-88	-88	41	149	
2021/22-4	000NONPJ	matrix spike, RPD	5/24/2022	Pesticide	Glyphosate	n/a	=	0.7	%	EPA 547	-88	-88	0	30	
2021/22-4	Lab	method blank	5/4/2022	Pesticide	Glyphosate	n/a	<	1.8	µg/L	EPA 547	1.8	5			
2021/22-4	Lab	LCS	5/4/2022	Pesticide	Glyphosate	n/a	=	20.2	µg/L	EPA 547	1.8	5			
2021/22-4	Lab	LCS, rec	5/4/2022	Pesticide	Glyphosate	n/a	=	81	%	EPA 547	-88	-88	70	130	
2021/22-4	Lab	method blank	5/17/2022	Pesticide	Glyphosate	n/a	<	1.8	µg/L	EPA 547	1.8	5			
2021/22-4	Lab	LCS	5/17/2022	Pesticide	Glyphosate	n/a	=	30.3	µg/L	EPA 547	1.8	5			
2021/22-4	Lab	LCS, rec	5/17/2022	Pesticide	Glyphosate	n/a	=	121	%	EPA 547	-88	-88	70	130	
2021/22-4	Lab	method blank	5/24/2022	Pesticide	Glyphosate	n/a	<	1.8	µg/L	EPA 547	1.8	5			
2021/22-4	Lab	LCS	5/24/2022	Pesticide	Glyphosate	n/a	=	26.6	µg/L	EPA 547	1.8	5			
2021/22-4	Lab	LCS, rec	5/24/2022	Pesticide	Glyphosate	n/a	=	106	%	EPA 547	-88	-88	70	130	
2021/22-4	Lab	method blank	5/7/2022	Pesticide	Heptachlor	n/a	<	0.0006	µg/L	EPA 608.3	0.0006	0.01			
2021/22-4	Lab	LCS	5/7/2022	Pesticide	Heptachlor	n/a	=	0.0993	µg/L	EPA 608.3	0.0006	0.01			
2021/22-4	Lab	LCS, rec	5/7/2022	Pesticide	Heptachlor	n/a	=	99	%	EPA 608.3	-88	-88	43	130	
2021/22-4	Lab	LCS dup	5/7/2022	Pesticide	Heptachlor	n/a	=	0.0899	µg/L	EPA 608.3	0.0006	0.01			
2021/22-4	Lab	LCS dup, rec	5/7/2022	Pesticide	Heptachlor	n/a	=	90	%	EPA 608.3	-88	-88	43	130	
2021/22-4	Lab	LCS, RPD	5/7/2022	Pesticide	Heptachlor	n/a	=	10	%	EPA 608.3	-88	-88	0	30	
2021/22-4	Lab	method blank	5/27/2022	Pesticide	Heptachlor	n/a	<	0.0006	µg/L	EPA 608.3	0.0006	0.01			
2021/22-4	Lab	LCS	5/27/2022	Pesticide	Heptachlor	n/a	=	0.0793	µg/L	EPA 608.3	0.0006	0.01			
2021/22-4	Lab	LCS, rec	5/27/2022	Pesticide	Heptachlor	n/a	=	79	%	EPA 608.3	-88	-88	43	130	
2021/22-4	Lab	LCS dup	5/27/2022	Pesticide	Heptachlor	n/a	=	0.0787	µg/L	EPA 608.3	0.0006	0.01			
2021/22-4	Lab	LCS dup, rec	5/27/2022	Pesticide	Heptachlor	n/a	=	79	%	EPA 608.3	-88	-88	43	130	
2021/22-4	Lab	LCS, RPD	5/27/2022	Pesticide	Heptachlor	n/a	=	0.7	%	EPA 608.3	-88	-88	0	30	
2021/22-4	Lab	method blank	6/10/2022	Pesticide	Heptachlor	n/a	<	0.0006	µg/L	EPA 608.3	0.0006	0.01			
2021/22-4	Lab	LCS	6/10/2022	Pesticide	Heptachlor	n/a	=	0.0712	µg/L	EPA 608.3	0.0006	0.01			
2021/22-4	Lab	LCS, rec	6/10/2022	Pesticide	Heptachlor	n/a	=	71	%	EPA 608.3	-88	-88	43	130	
2021/22-4	Lab	LCS dup	6/10/2022	Pesticide	Heptachlor	n/a	=	0.0771	µg/L	EPA 608.3	0.0006	0.01			
2021/22-4	Lab	LCS dup, rec	6/10/2022	Pesticide	Heptachlor	n/a	=	77	%	EPA 608.3	-88	-88	43	130	
2021/22-4	Lab	LCS, RPD	6/10/2022	Pesticide	Heptachlor	n/a	=	8	%	EPA 608.3	-88	-88	0	30	
2021/22-4	Lab	method blank	6/11/2022	Pesticide	Heptachlor	n/a	<	0.0006	µg/L	EPA 608.3	0.0006	0.01			
2021/22-4	Lab	LCS	6/11/2022	Pesticide	Heptachlor	n/a	=	0.0649	µg/L	EPA 608.3	0.0006	0.01			
2021/22-4	Lab	LCS, rec	6/11/2022	Pesticide	Heptachlor	n/a	=	65	%	EPA 608.3	-88	-88	43	130	
2021/22-4	Lab	LCS dup	6/11/2022	Pesticide	Heptachlor	n/a	=	0.0715	µg/L	EPA 608.3	0.0006	0.01			
2021/22-4	Lab	LCS dup, rec	6/11/2022	Pesticide	Heptachlor	n/a	=	72	%	EPA 608.3	-88	-88	43	130	
2021/22-4	Lab	LCS, RPD	6/11/2022	Pesticide	Heptachlor	n/a	=	10	%	EPA 608.3	-88	-88	0	30	
2021/22-4	Lab	method blank	5/7/2022	Pesticide	Heptachlor epoxide	n/a	<	0.0004	µg/L	EPA 608.3	0.0004	0.01			
2021/22-4	Lab	LCS	5/7/2022	Pesticide	Heptachlor epoxide	n/a	=	0.0942	µg/L	EPA 608.3	0.0004	0.01			
2021/22-4	Lab	LCS, rec	5/7/2022	Pesticide	Heptachlor epoxide	n/a	=	94	%	EPA 608.3	-88	-88	57	132	
2021/22-4	Lab	LCS dup	5/7/2022	Pesticide	Heptachlor epoxide	n/a	=	0.0851	µg/L	EPA 608.3	0.0004	0.01			
2021/22-4	Lab	LCS dup, rec	5/7/2022	Pesticide	Heptachlor epoxide	n/a	=	85	%	EPA 608.3	-88	-88	57	132	
2021/22-4	Lab	LCS, RPD	5/7/2022	Pesticide	Heptachlor epoxide	n/a	=	10	%	EPA 608.3	-88	-88	0	30	
2021/22-4	Lab	method blank	5/27/2022	Pesticide	Heptachlor epoxide	n/a	<	0.0004	µg/L	EPA 608.3	0.0004	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	
2021/22-4	Lab	LCS	5/27/2022	Pesticide	Heptachlor epoxide	n/a	=	0.0783	µg/L	EPA 608.3	0.0004	0.01			
2021/22-4	Lab	LCS, rec	5/27/2022	Pesticide	Heptachlor epoxide	n/a	=	78	%	EPA 608.3	-88	-88	57	132	
2021/22-4	Lab	LCS dup	5/27/2022	Pesticide	Heptachlor epoxide	n/a	=	0.0804	µg/L	EPA 608.3	0.0004	0.01			
2021/22-4	Lab	LCS dup, rec	5/27/2022	Pesticide	Heptachlor epoxide	n/a	=	80	%	EPA 608.3	-88	-88	57	132	
2021/22-4	Lab	LCS, RPD	5/27/2022	Pesticide	Heptachlor epoxide	n/a	=	3	%	EPA 608.3	-88	-88	0	30	
2021/22-4	Lab	method blank	6/10/2022	Pesticide	Heptachlor epoxide	n/a	<	0.0004	µg/L	EPA 608.3	0.0004	0.01			
2021/22-4	Lab	LCS	6/10/2022	Pesticide	Heptachlor epoxide	n/a	=	0.07	µg/L	EPA 608.3	0.0004	0.01			
2021/22-4	Lab	LCS, rec	6/10/2022	Pesticide	Heptachlor epoxide	n/a	=	70	%	EPA 608.3	-88	-88	57	132	
2021/22-4	Lab	LCS dup	6/10/2022	Pesticide	Heptachlor epoxide	n/a	=	0.0772	µg/L	EPA 608.3	0.0004	0.01			
2021/22-4	Lab	LCS dup, rec	6/10/2022	Pesticide	Heptachlor epoxide	n/a	=	77	%	EPA 608.3	-88	-88	57	132	
2021/22-4	Lab	LCS, RPD	6/10/2022	Pesticide	Heptachlor epoxide	n/a	=	10	%	EPA 608.3	-88	-88	0	30	
2021/22-4	Lab	method blank	6/11/2022	Pesticide	Heptachlor epoxide	n/a	<	0.0004	µg/L	EPA 608.3	0.0004	0.01			
2021/22-4	Lab	LCS	6/11/2022	Pesticide	Heptachlor epoxide	n/a	=	0.0648	µg/L	EPA 608.3	0.0004	0.01			
2021/22-4	Lab	LCS, rec	6/11/2022	Pesticide	Heptachlor epoxide	n/a	=	65	%	EPA 608.3	-88	-88	57	132	
2021/22-4	Lab	LCS dup	6/11/2022	Pesticide	Heptachlor epoxide	n/a	=	0.0702	µg/L	EPA 608.3	0.0004	0.01			
2021/22-4	Lab	LCS dup, rec	6/11/2022	Pesticide	Heptachlor epoxide	n/a	=	70	%	EPA 608.3	-88	-88	57	132	
2021/22-4	Lab	LCS, RPD	6/11/2022	Pesticide	Heptachlor epoxide	n/a	=	8	%	EPA 608.3	-88	-88	0	30	
2021/22-4	Lab	LCS	5/26/2022	Pesticide	Malathion	n/a	=	0.0571	µg/L	EPA 625.1m	0.0021	0.01			
2021/22-4	Lab	LCS, rec	5/26/2022	Pesticide	Malathion	n/a	=	114	%	EPA 625.1m	-88	-88	59	200	
2021/22-4	Lab	LCS dup	5/26/2022	Pesticide	Malathion	n/a	=	0.0156	µg/L	EPA 625.1m	0.0021	0.01			EUM,IL
2021/22-4	Lab	LCS dup, rec	5/26/2022	Pesticide	Malathion	n/a	=	31	%	EPA 625.1m	-88	-88	59	200	EUM,IL
2021/22-4	Lab	LCS, RPD	5/26/2022	Pesticide	Malathion	n/a	=	114	%	EPA 625.1m	-88	-88	0	25	EUM,IL
2021/22-4	Lab	method blank	5/26/2022	Pesticide	Malathion	n/a	<	0.0021	µg/L	EPA 625.1m	0.0021	0.01			
2021/22-4	Lab	LCS	6/1/2022	Pesticide	Malathion	n/a	=	0.0484	µg/L	EPA 625.1m	0.0021	0.01			
2021/22-4	Lab	LCS, rec	6/1/2022	Pesticide	Malathion	n/a	=	97	%	EPA 625.1m	-88	-88	59	200	
2021/22-4	Lab	method blank	6/2/2022	Pesticide	Malathion	n/a	<	0.0021	µg/L	EPA 625.1m	0.0021	0.01			
2021/22-4	ME-CC	matrix spike	6/2/2022	Pesticide	Malathion	n/a	=	0.0719	µg/L	EPA 625.1m	0.0021	0.01			
2021/22-4	ME-CC	matrix spike, rec	6/2/2022	Pesticide	Malathion	n/a	=	136	%	EPA 625.1m	-88	-88	15	161	
2021/22-4	ME-CC	matrix spike dup	6/2/2022	Pesticide	Malathion	n/a	=	0.0892	µg/L	EPA 625.1m	0.0021	0.01			GB
2021/22-4	ME-CC	matrix spike dup, rec	6/2/2022	Pesticide	Malathion	n/a	=	171	%	EPA 625.1m	-88	-88	15	161	GB
2021/22-4	ME-CC	matrix spike, RPD	6/2/2022	Pesticide	Malathion	n/a	=	21	%	EPA 625.1m	-88	-88	0	30	GB
2021/22-4	Lab	LCS	5/26/2022	Pesticide	Merphos	n/a	=	0.0553	µg/L	EPA 625.1m	0.0055	0.01			
2021/22-4	Lab	LCS, rec	5/26/2022	Pesticide	Merphos	n/a	=	111	%	EPA 625.1m	-88	-88	32	200	
2021/22-4	Lab	LCS dup	5/26/2022	Pesticide	Merphos	n/a	=	0.0125	µg/L	EPA 625.1m	0.0055	0.01			EUM,IL
2021/22-4	Lab	LCS dup, rec	5/26/2022	Pesticide	Merphos	n/a	=	25	%	EPA 625.1m	-88	-88	32	200	EUM,IL
2021/22-4	Lab	LCS, RPD	5/26/2022	Pesticide	Merphos	n/a	=	126	%	EPA 625.1m	-88	-88	0	30	EUM,IL
2021/22-4	Lab	method blank	5/26/2022	Pesticide	Merphos	n/a	<	0.0055	µg/L	EPA 625.1m	0.0055	0.01			
2021/22-4	Lab	LCS	6/1/2022	Pesticide	Merphos	n/a	=	0.0446	µg/L	EPA 625.1m	0.0055	0.01			
2021/22-4	Lab	LCS, rec	6/1/2022	Pesticide	Merphos	n/a	=	89	%	EPA 625.1m	-88	-88	32	200	
2021/22-4	Lab	method blank	6/2/2022	Pesticide	Merphos	n/a	<	0.0055	µg/L	EPA 625.1m	0.0055	0.01			
2021/22-4	ME-CC	matrix spike	6/2/2022	Pesticide	Merphos	n/a	=	0.0529	µg/L	EPA 625.1m	0.0055	0.01			
2021/22-4	ME-CC	matrix spike, rec	6/2/2022	Pesticide	Merphos	n/a	=	106	%	EPA 625.1m	-88	-88	4	191	
2021/22-4	ME-CC	matrix spike dup	6/2/2022	Pesticide	Merphos	n/a	=	0.0542	µg/L	EPA 625.1m	0.0055	0.01			
2021/22-4	ME-CC	matrix spike dup, rec	6/2/2022	Pesticide	Merphos	n/a	=	108	%	EPA 625.1m	-88	-88	4	191	
2021/22-4	ME-CC	matrix spike, RPD	6/2/2022	Pesticide	Merphos	n/a	=	2	%	EPA 625.1m	-88	-88	0	30	
2021/22-4	Lab	method blank	6/10/2022	Pesticide	Methoxychlor	n/a	<	0.0014	µg/L	EPA 608.3	0.0014	0.02			
2021/22-4	Lab	LCS	6/10/2022	Pesticide	Methoxychlor	n/a	=	0.075	µg/L	EPA 608.3	0.0014	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	
2021/22-4	Lab	LCS, rec	6/10/2022	Pesticide	Methoxychlor	n/a	=	75	%	EPA 608.3	-88	-88	50	130	
2021/22-4	Lab	LCS dup	6/10/2022	Pesticide	Methoxychlor	n/a	=	0.0889	µg/L	EPA 608.3	0.0014	0.02			
2021/22-4	Lab	LCS dup, rec	6/10/2022	Pesticide	Methoxychlor	n/a	=	89	%	EPA 608.3	-88	-88	50	130	
2021/22-4	Lab	LCS, RPD	6/10/2022	Pesticide	Methoxychlor	n/a	=	17	%	EPA 608.3	-88	-88	0	30	
2021/22-4	Lab	LCS	5/26/2022	Pesticide	Methyl parathion	n/a	=	0.0539	µg/L	EPA 625.1m	0.0013	0.01			
2021/22-4	Lab	LCS, rec	5/26/2022	Pesticide	Methyl parathion	n/a	=	108	%	EPA 625.1m	-88	-88	64	154	
2021/22-4	Lab	LCS dup	5/26/2022	Pesticide	Methyl parathion	n/a	=	0.0287	µg/L	EPA 625.1m	0.0013	0.01			EUM,IL
2021/22-4	Lab	LCS dup, rec	5/26/2022	Pesticide	Methyl parathion	n/a	=	57	%	EPA 625.1m	-88	-88	64	154	EUM,IL
2021/22-4	Lab	LCS, RPD	5/26/2022	Pesticide	Methyl parathion	n/a	=	61	%	EPA 625.1m	-88	-88	0	30	EUM,IL
2021/22-4	Lab	method blank	5/26/2022	Pesticide	Methyl parathion	n/a	<	0.0013	µg/L	EPA 625.1m	0.0013	0.01			
2021/22-4	Lab	LCS	6/1/2022	Pesticide	Methyl parathion	n/a	=	0.0488	µg/L	EPA 625.1m	0.0013	0.01			
2021/22-4	Lab	LCS, rec	6/1/2022	Pesticide	Methyl parathion	n/a	=	98	%	EPA 625.1m	-88	-88	64	154	
2021/22-4	Lab	method blank	6/2/2022	Pesticide	Methyl parathion	n/a	<	0.0013	µg/L	EPA 625.1m	0.0013	0.01			
2021/22-4	ME-CC	matrix spike	6/2/2022	Pesticide	Methyl parathion	n/a	=	0.0661	µg/L	EPA 625.1m	0.0013	0.01			
2021/22-4	ME-CC	matrix spike, rec	6/2/2022	Pesticide	Methyl parathion	n/a	=	132	%	EPA 625.1m	-88	-88	10	213	
2021/22-4	ME-CC	matrix spike dup	6/2/2022	Pesticide	Methyl parathion	n/a	=	0.0818	µg/L	EPA 625.1m	0.0013	0.01			
2021/22-4	ME-CC	matrix spike dup, rec	6/2/2022	Pesticide	Methyl parathion	n/a	=	164	%	EPA 625.1m	-88	-88	10	213	
2021/22-4	ME-CC	matrix spike, RPD	6/2/2022	Pesticide	Methyl parathion	n/a	=	21	%	EPA 625.1m	-88	-88	0	30	
2021/22-4	Lab	method blank	5/10/2022	Pesticide	Metolachlor	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1			
2021/22-4	Lab	LCS	5/10/2022	Pesticide	Metolachlor	n/a	=	6.43	µg/L	EPA 525.2	0.03	0.1			
2021/22-4	Lab	LCS, rec	5/10/2022	Pesticide	Metolachlor	n/a	=	129	%	EPA 525.2	-88	-88	60	130	
2021/22-4	Lab	LCS dup	5/10/2022	Pesticide	Metolachlor	n/a	=	7.06	µg/L	EPA 525.2	0.03	0.1			EUM
2021/22-4	Lab	LCS dup, rec	5/10/2022	Pesticide	Metolachlor	n/a	=	141	%	EPA 525.2	-88	-88	60	130	EUM
2021/22-4	Lab	LCS, RPD	5/10/2022	Pesticide	Metolachlor	n/a	=	9	%	EPA 525.2	-88	-88	0	30	EUM
2021/22-4	Lab	method blank	5/31/2022	Pesticide	Metolachlor	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1			
2021/22-4	Lab	LCS	5/31/2022	Pesticide	Metolachlor	n/a	=	5.24	µg/L	EPA 525.2	0.03	0.1			
2021/22-4	Lab	LCS, rec	5/31/2022	Pesticide	Metolachlor	n/a	=	105	%	EPA 525.2	-88	-88	60	130	
2021/22-4	Lab	LCS dup	5/31/2022	Pesticide	Metolachlor	n/a	=	4.74	µg/L	EPA 525.2	0.03	0.1			
2021/22-4	Lab	LCS dup, rec	5/31/2022	Pesticide	Metolachlor	n/a	=	95	%	EPA 525.2	-88	-88	60	130	
2021/22-4	Lab	LCS, RPD	5/31/2022	Pesticide	Metolachlor	n/a	=	10	%	EPA 525.2	-88	-88	0	30	
2021/22-4	Lab	method blank	6/2/2022	Pesticide	Metolachlor	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1			
2021/22-4	Lab	LCS	6/2/2022	Pesticide	Metolachlor	n/a	=	5	µg/L	EPA 525.2	0.03	0.1			
2021/22-4	Lab	LCS, rec	6/2/2022	Pesticide	Metolachlor	n/a	=	100	%	EPA 525.2	-88	-88	60	130	
2021/22-4	Lab	LCS dup	6/2/2022	Pesticide	Metolachlor	n/a	=	4.65	µg/L	EPA 525.2	0.03	0.1			
2021/22-4	Lab	LCS dup, rec	6/2/2022	Pesticide	Metolachlor	n/a	=	93	%	EPA 525.2	-88	-88	60	130	
2021/22-4	Lab	LCS, RPD	6/2/2022	Pesticide	Metolachlor	n/a	=	7	%	EPA 525.2	-88	-88	0	30	
2021/22-4	Lab	method blank	5/10/2022	Pesticide	Metribuzin	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1			
2021/22-4	Lab	LCS	5/10/2022	Pesticide	Metribuzin	n/a	=	6.66	µg/L	EPA 525.2	0.03	0.1			EUM
2021/22-4	Lab	LCS, rec	5/10/2022	Pesticide	Metribuzin	n/a	=	133	%	EPA 525.2	-88	-88	50	120	EUM
2021/22-4	Lab	LCS dup	5/10/2022	Pesticide	Metribuzin	n/a	=	7.67	µg/L	EPA 525.2	0.03	0.1			EUM
2021/22-4	Lab	LCS dup, rec	5/10/2022	Pesticide	Metribuzin	n/a	=	153	%	EPA 525.2	-88	-88	50	120	EUM
2021/22-4	Lab	LCS, RPD	5/10/2022	Pesticide	Metribuzin	n/a	=	14	%	EPA 525.2	-88	-88	0	30	EUM
2021/22-4	Lab	method blank	5/31/2022	Pesticide	Metribuzin	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1			
2021/22-4	Lab	LCS	5/31/2022	Pesticide	Metribuzin	n/a	=	4.55	µg/L	EPA 525.2	0.03	0.1			
2021/22-4	Lab	LCS, rec	5/31/2022	Pesticide	Metribuzin	n/a	=	91	%	EPA 525.2	-88	-88	50	120	
2021/22-4	Lab	LCS dup	5/31/2022	Pesticide	Metribuzin	n/a	=	4.27	µg/L	EPA 525.2	0.03	0.1			
2021/22-4	Lab	LCS dup, rec	5/31/2022	Pesticide	Metribuzin	n/a	=	85	%	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	
2021/22-4	Lab	LCS, RPD	5/31/2022	Pesticide	Metribuzin	n/a	=	6	%	EPA 525.2	-88	-88	0	30	
2021/22-4	Lab	method blank	6/2/2022	Pesticide	Metribuzin	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1			
2021/22-4	Lab	LCS	6/2/2022	Pesticide	Metribuzin	n/a	=	4.58	µg/L	EPA 525.2	0.03	0.1			
2021/22-4	Lab	LCS, rec	6/2/2022	Pesticide	Metribuzin	n/a	=	92	%	EPA 525.2	-88	-88	50	120	
2021/22-4	Lab	LCS dup	6/2/2022	Pesticide	Metribuzin	n/a	=	4.12	µg/L	EPA 525.2	0.03	0.1			
2021/22-4	Lab	LCS dup, rec	6/2/2022	Pesticide	Metribuzin	n/a	=	82	%	EPA 525.2	-88	-88	50	120	
2021/22-4	Lab	LCS, RPD	6/2/2022	Pesticide	Metribuzin	n/a	=	11	%	EPA 525.2	-88	-88	0	30	
2021/22-4	Lab	LCS	5/26/2022	Pesticide	Mevinphos	n/a	=	0.061	µg/L	EPA 625.1m	0.0013	0.01			
2021/22-4	Lab	LCS, rec	5/26/2022	Pesticide	Mevinphos	n/a	=	122	%	EPA 625.1m	-88	-88	26	177	
2021/22-4	Lab	LCS dup	5/26/2022	Pesticide	Mevinphos	n/a	=	0.129	µg/L	EPA 625.1m	0.0013	0.01			EUM,IL
2021/22-4	Lab	LCS dup, rec	5/26/2022	Pesticide	Mevinphos	n/a	=	258	%	EPA 625.1m	-88	-88	26	177	EUM,IL
2021/22-4	Lab	LCS, RPD	5/26/2022	Pesticide	Mevinphos	n/a	=	71	%	EPA 625.1m	-88	-88	0	30	EUM,IL
2021/22-4	Lab	method blank	5/26/2022	Pesticide	Mevinphos	n/a	<	0.0013	µg/L	EPA 625.1m	0.0013	0.01			
2021/22-4	Lab	LCS	6/1/2022	Pesticide	Mevinphos	n/a	=	0.0169	µg/L	EPA 625.1m	0.0013	0.01			
2021/22-4	Lab	LCS, rec	6/1/2022	Pesticide	Mevinphos	n/a	=	34	%	EPA 625.1m	-88	-88	26	177	
2021/22-4	Lab	method blank	6/2/2022	Pesticide	Mevinphos	n/a	<	0.0013	µg/L	EPA 625.1m	0.0013	0.01			
2021/22-4	ME-CC	matrix spike	6/2/2022	Pesticide	Mevinphos	n/a	=	0.0306	µg/L	EPA 625.1m	0.0013	0.01			
2021/22-4	ME-CC	matrix spike, rec	6/2/2022	Pesticide	Mevinphos	n/a	=	61	%	EPA 625.1m	-88	-88	0.1	204	
2021/22-4	ME-CC	matrix spike dup	6/2/2022	Pesticide	Mevinphos	n/a	=	0.033	µg/L	EPA 625.1m	0.0013	0.01			
2021/22-4	ME-CC	matrix spike dup, rec	6/2/2022	Pesticide	Mevinphos	n/a	=	66	%	EPA 625.1m	-88	-88	0.1	204	
2021/22-4	ME-CC	matrix spike, RPD	6/2/2022	Pesticide	Mevinphos	n/a	=	8	%	EPA 625.1m	-88	-88	0	30	
2021/22-4	Lab	method blank	5/10/2022	Pesticide	Molinate	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1			
2021/22-4	Lab	LCS	5/10/2022	Pesticide	Molinate	n/a	=	6.3	µg/L	EPA 525.2	0.03	0.1			
2021/22-4	Lab	LCS, rec	5/10/2022	Pesticide	Molinate	n/a	=	126	%	EPA 525.2	-88	-88	70	130	
2021/22-4	Lab	LCS dup	5/10/2022	Pesticide	Molinate	n/a	=	6.4	µg/L	EPA 525.2	0.03	0.1			
2021/22-4	Lab	LCS dup, rec	5/10/2022	Pesticide	Molinate	n/a	=	128	%	EPA 525.2	-88	-88	70	130	
2021/22-4	Lab	LCS, RPD	5/10/2022	Pesticide	Molinate	n/a	=	2	%	EPA 525.2	-88	-88	0	30	
2021/22-4	Lab	method blank	5/31/2022	Pesticide	Molinate	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1			
2021/22-4	Lab	LCS	5/31/2022	Pesticide	Molinate	n/a	=	5.79	µg/L	EPA 525.2	0.03	0.1			
2021/22-4	Lab	LCS, rec	5/31/2022	Pesticide	Molinate	n/a	=	116	%	EPA 525.2	-88	-88	70	130	
2021/22-4	Lab	LCS dup	5/31/2022	Pesticide	Molinate	n/a	=	5.38	µg/L	EPA 525.2	0.03	0.1			
2021/22-4	Lab	LCS dup, rec	5/31/2022	Pesticide	Molinate	n/a	=	108	%	EPA 525.2	-88	-88	70	130	
2021/22-4	Lab	LCS, RPD	5/31/2022	Pesticide	Molinate	n/a	=	7	%	EPA 525.2	-88	-88	0	30	
2021/22-4	Lab	method blank	6/2/2022	Pesticide	Molinate	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1			
2021/22-4	Lab	LCS	6/2/2022	Pesticide	Molinate	n/a	=	5.65	µg/L	EPA 525.2	0.03	0.1			
2021/22-4	Lab	LCS, rec	6/2/2022	Pesticide	Molinate	n/a	=	113	%	EPA 525.2	-88	-88	70	130	
2021/22-4	Lab	LCS dup	6/2/2022	Pesticide	Molinate	n/a	=	5.01	µg/L	EPA 525.2	0.03	0.1			
2021/22-4	Lab	LCS dup, rec	6/2/2022	Pesticide	Molinate	n/a	=	100	%	EPA 525.2	-88	-88	70	130	
2021/22-4	Lab	LCS, RPD	6/2/2022	Pesticide	Molinate	n/a	=	12	%	EPA 525.2	-88	-88	0	30	
2021/22-4	Lab	LCS	5/26/2022	Pesticide	Naled	n/a	=	0.0769	µg/L	EPA 625.1m	0.0007	0.01			
2021/22-4	Lab	LCS, rec	5/26/2022	Pesticide	Naled	n/a	=	154	%	EPA 625.1m	-88	-88	10	200	
2021/22-4	Lab	LCS dup	5/26/2022	Pesticide	Naled	n/a	=	0.101	µg/L	EPA 625.1m	0.0007	0.01			EUM
2021/22-4	Lab	LCS dup, rec	5/26/2022	Pesticide	Naled	n/a	=	202	%	EPA 625.1m	-88	-88	10	200	EUM
2021/22-4	Lab	LCS, RPD	5/26/2022	Pesticide	Naled	n/a	=	27	%	EPA 625.1m	-88	-88	0	30	EUM
2021/22-4	Lab	method blank	5/26/2022	Pesticide	Naled	n/a	<	0.0007	µg/L	EPA 625.1m	0.0007	0.01			
2021/22-4	Lab	LCS	6/1/2022	Pesticide	Naled	n/a	=	0.0437	µg/L	EPA 625.1m	0.0007	0.01			
2021/22-4	Lab	LCS, rec	6/1/2022	Pesticide	Naled	n/a	=	87	%	EPA 625.1m	-88	-88	10	200	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2021/22-4	Lab	method blank	6/2/2022	Pesticide	Naled	n/a	<	0.0007	µg/L	EPA 625.1m	0.0007	0.01			
2021/22-4	ME-CC	matrix spike	6/2/2022	Pesticide	Naled	n/a	=	0.106	µg/L	EPA 625.1m	0.0007	0.01			GB
2021/22-4	ME-CC	matrix spike, rec	6/2/2022	Pesticide	Naled	n/a	=	211	%	EPA 625.1m	-88	-88	0.1	206	GB
2021/22-4	ME-CC	matrix spike dup	6/2/2022	Pesticide	Naled	n/a	=	0.125	µg/L	EPA 625.1m	0.0007	0.01			GB
2021/22-4	ME-CC	matrix spike dup, rec	6/2/2022	Pesticide	Naled	n/a	=	250	%	EPA 625.1m	-88	-88	0.1	206	GB
2021/22-4	ME-CC	matrix spike, RPD	6/2/2022	Pesticide	Naled	n/a	=	17	%	EPA 625.1m	-88	-88	0	30	GB
2021/22-4	000NONPJ	matrix spike	5/12/2022	Pesticide	Pentachlorophenol	n/a	=	3.75	µg/L	EPA 515.4	0.046	0.2			
2021/22-4	000NONPJ	matrix spike, rec	5/12/2022	Pesticide	Pentachlorophenol	n/a	=	94	%	EPA 515.4	-88	-88	70	130	
2021/22-4	000NONPJ	matrix spike dup	5/12/2022	Pesticide	Pentachlorophenol	n/a	=	3.9	µg/L	EPA 515.4	0.046	0.2			
2021/22-4	000NONPJ	matrix spike dup, rec	5/12/2022	Pesticide	Pentachlorophenol	n/a	=	97	%	EPA 515.4	-88	-88	70	130	
2021/22-4	000NONPJ	matrix spike, RPD	5/12/2022	Pesticide	Pentachlorophenol	n/a	=	4	%	EPA 515.4	-88	-88	0	30	
2021/22-4	000NONPJ	matrix spike	6/6/2022	Pesticide	Pentachlorophenol	n/a	=	23.6	µg/L	EPA 625.1	0.4	1			
2021/22-4	000NONPJ	matrix spike, rec	6/6/2022	Pesticide	Pentachlorophenol	n/a	=	117	%	EPA 625.1	-88	-88	0.1	133	
2021/22-4	000NONPJ	matrix spike dup	6/6/2022	Pesticide	Pentachlorophenol	n/a	=	25.1	µg/L	EPA 625.1	0.4	1			
2021/22-4	000NONPJ	matrix spike dup, rec	6/6/2022	Pesticide	Pentachlorophenol	n/a	=	125	%	EPA 625.1	-88	-88	0.1	133	
2021/22-4	000NONPJ	matrix spike, RPD	6/6/2022	Pesticide	Pentachlorophenol	n/a	=	6	%	EPA 625.1	-88	-88	0	30	
2021/22-4	Lab	LCS	5/11/2022	Pesticide	Pentachlorophenol	n/a	=	18.7	µg/L	EPA 625.1	0.4	1			
2021/22-4	Lab	LCS, rec	5/11/2022	Pesticide	Pentachlorophenol	n/a	=	94	%	EPA 625.1	-88	-88	41	120	
2021/22-4	Lab	method blank	5/11/2022	Pesticide	Pentachlorophenol	n/a	<	0.4	µg/L	EPA 625.1	0.4	1			
2021/22-4	Lab	method blank	5/12/2022	Pesticide	Pentachlorophenol	n/a	<	0.046	µg/L	EPA 515.4	0.046	0.2			
2021/22-4	Lab	LCS	5/12/2022	Pesticide	Pentachlorophenol	n/a	=	3.81	µg/L	EPA 515.4	0.046	0.2			
2021/22-4	Lab	LCS, rec	5/12/2022	Pesticide	Pentachlorophenol	n/a	=	95	%	EPA 515.4	-88	-88	70	130	
2021/22-4	Lab	method blank	5/26/2022	Pesticide	Pentachlorophenol	n/a	<	0.15	µg/L	EPA 8270C	0.15	1			
2021/22-4	Lab	LCS	5/26/2022	Pesticide	Pentachlorophenol	n/a	=	17.6	µg/L	EPA 8270C	0.15	1			
2021/22-4	Lab	LCS, rec	5/26/2022	Pesticide	Pentachlorophenol	n/a	=	88	%	EPA 8270C	-88	-88	29	106	
2021/22-4	Lab	method blank	5/28/2022	Pesticide	Pentachlorophenol	n/a	<	0.046	µg/L	EPA 515.4	0.046	0.2			
2021/22-4	Lab	LCS	5/28/2022	Pesticide	Pentachlorophenol	n/a	=	3.95	µg/L	EPA 515.4	0.046	0.2			
2021/22-4	Lab	LCS, rec	5/28/2022	Pesticide	Pentachlorophenol	n/a	=	99	%	EPA 515.4	-88	-88	70	130	
2021/22-4	Lab	LCS	5/31/2022	Pesticide	Pentachlorophenol	n/a	=	22	µg/L	EPA 625.1	0.4	1			
2021/22-4	Lab	LCS, rec	5/31/2022	Pesticide	Pentachlorophenol	n/a	=	110	%	EPA 625.1	-88	-88	41	120	
2021/22-4	Lab	method blank	5/31/2022	Pesticide	Pentachlorophenol	n/a	<	0.4	µg/L	EPA 625.1	0.4	1			
2021/22-4	Lab	LCS	6/6/2022	Pesticide	Pentachlorophenol	n/a	=	20	µg/L	EPA 625.1	0.4	1			
2021/22-4	Lab	LCS, rec	6/6/2022	Pesticide	Pentachlorophenol	n/a	=	100	%	EPA 625.1	-88	-88	41	120	
2021/22-4	Lab	method blank	6/6/2022	Pesticide	Pentachlorophenol	n/a	<	0.4	µg/L	EPA 625.1	0.4	1			
2021/22-4	Lab	LCS	6/11/2022	Pesticide	Pentachlorophenol	n/a	=	17.3	µg/L	EPA 625.1	0.4	1			
2021/22-4	Lab	LCS, rec	6/11/2022	Pesticide	Pentachlorophenol	n/a	=	87	%	EPA 625.1	-88	-88	41	120	
2021/22-4	Lab	LCS dup	6/11/2022	Pesticide	Pentachlorophenol	n/a	=	17.7	µg/L	EPA 625.1	0.4	1			
2021/22-4	Lab	LCS dup, rec	6/11/2022	Pesticide	Pentachlorophenol	n/a	=	88	%	EPA 625.1	-88	-88	41	120	
2021/22-4	Lab	LCS, RPD	6/11/2022	Pesticide	Pentachlorophenol	n/a	=	2	%	EPA 625.1	-88	-88	0	30	
2021/22-4	Lab	method blank	6/11/2022	Pesticide	Pentachlorophenol	n/a	<	0.4	µg/L	EPA 625.1	0.4	1			
2021/22-4	Lab	method blank	6/24/2022	Pesticide	Pentachlorophenol	n/a	<	0.15	µg/L	EPA 8270C	0.15	1			
2021/22-4	Lab	LCS	6/24/2022	Pesticide	Pentachlorophenol	n/a	=	16	µg/L	EPA 8270C	0.15	1			
2021/22-4	Lab	LCS, rec	6/24/2022	Pesticide	Pentachlorophenol	n/a	=	80	%	EPA 8270C	-88	-88	29	106	
2021/22-4	ME-SCR	matrix spike	5/28/2022	Pesticide	Pentachlorophenol	n/a	=	3.8	µg/L	EPA 515.4	0.046	0.2			
2021/22-4	ME-SCR	matrix spike, rec	5/28/2022	Pesticide	Pentachlorophenol	n/a	=	95	%	EPA 515.4	-88	-88	70	130	
2021/22-4	ME-SCR	matrix spike dup	5/28/2022	Pesticide	Pentachlorophenol	n/a	=	3.82	µg/L	EPA 515.4	0.046	0.2			
2021/22-4	ME-SCR	matrix spike dup, rec	5/28/2022	Pesticide	Pentachlorophenol	n/a	=	96	%	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	
2021/22-4	ME-SCR	matrix spike, RPD	5/28/2022	Pesticide	Pentachlorophenol	n/a	=	0.5	%	EPA 515.4	-88	-88	0	30	
2021/22-4	ME-VR2	matrix spike	5/11/2022	Pesticide	Pentachlorophenol	n/a	=	19.8	µg/L	EPA 625.1	0.4	1			
2021/22-4	ME-VR2	matrix spike, rec	5/11/2022	Pesticide	Pentachlorophenol	n/a	=	99	%	EPA 625.1	-88	-88	0.1	133	
2021/22-4	ME-VR2	matrix spike dup	5/11/2022	Pesticide	Pentachlorophenol	n/a	=	18	µg/L	EPA 625.1	0.4	1			
2021/22-4	ME-VR2	matrix spike dup, rec	5/11/2022	Pesticide	Pentachlorophenol	n/a	=	89	%	EPA 625.1	-88	-88	0.1	133	
2021/22-4	ME-VR2	matrix spike, RPD	5/11/2022	Pesticide	Pentachlorophenol	n/a	=	9	%	EPA 625.1	-88	-88	0	30	
2021/22-4	ME-VR2	matrix spike	5/26/2022	Pesticide	Pentachlorophenol	n/a	=	17.6	µg/L	EPA 8270C	0.15	1			
2021/22-4	ME-VR2	matrix spike, rec	5/26/2022	Pesticide	Pentachlorophenol	n/a	=	88	%	EPA 8270C	-88	-88	7	124	
2021/22-4	ME-VR2	matrix spike dup	5/26/2022	Pesticide	Pentachlorophenol	n/a	=	19.8	µg/L	EPA 8270C	0.15	1			
2021/22-4	ME-VR2	matrix spike dup, rec	5/26/2022	Pesticide	Pentachlorophenol	n/a	=	98	%	EPA 8270C	-88	-88	7	124	
2021/22-4	ME-VR2	matrix spike, RPD	5/26/2022	Pesticide	Pentachlorophenol	n/a	=	12	%	EPA 8270C	-88	-88	0	30	
2021/22-4	MO-THO	matrix spike	5/31/2022	Pesticide	Pentachlorophenol	n/a	=	21.1	µg/L	EPA 625.1	0.4	1			
2021/22-4	MO-THO	matrix spike, rec	5/31/2022	Pesticide	Pentachlorophenol	n/a	=	111	%	EPA 625.1	-88	-88	0.1	133	
2021/22-4	MO-THO	matrix spike dup	5/31/2022	Pesticide	Pentachlorophenol	n/a	=	19.6	µg/L	EPA 625.1	0.4	1			
2021/22-4	MO-THO	matrix spike dup, rec	5/31/2022	Pesticide	Pentachlorophenol	n/a	=	104	%	EPA 625.1	-88	-88	0.1	133	
2021/22-4	MO-THO	matrix spike, RPD	5/31/2022	Pesticide	Pentachlorophenol	n/a	=	7	%	EPA 625.1	-88	-88	0	30	
2021/22-4	MO-THO	matrix spike	6/24/2022	Pesticide	Pentachlorophenol	n/a	=	16.4	µg/L	EPA 8270C	0.15	1			
2021/22-4	MO-THO	matrix spike, rec	6/24/2022	Pesticide	Pentachlorophenol	n/a	=	87	%	EPA 8270C	-88	-88	7	124	
2021/22-4	MO-THO	matrix spike dup	6/24/2022	Pesticide	Pentachlorophenol	n/a	=	15.1	µg/L	EPA 8270C	0.15	1			
2021/22-4	MO-THO	matrix spike dup, rec	6/24/2022	Pesticide	Pentachlorophenol	n/a	=	80	%	EPA 8270C	-88	-88	7	124	
2021/22-4	MO-THO	matrix spike, RPD	6/24/2022	Pesticide	Pentachlorophenol	n/a	=	8	%	EPA 8270C	-88	-88	0	30	
2021/22-4	Lab	LCS	5/26/2022	Pesticide	Phorate	n/a	=	0.0373	µg/L	EPA 625.1m	0.0014	0.01			
2021/22-4	Lab	LCS, rec	5/26/2022	Pesticide	Phorate	n/a	=	75	%	EPA 625.1m	-88	-88	61	135	
2021/22-4	Lab	LCS dup	5/26/2022	Pesticide	Phorate	n/a	=	0.0428	µg/L	EPA 625.1m	0.0014	0.01			
2021/22-4	Lab	LCS dup, rec	5/26/2022	Pesticide	Phorate	n/a	=	86	%	EPA 625.1m	-88	-88	61	135	
2021/22-4	Lab	LCS, RPD	5/26/2022	Pesticide	Phorate	n/a	=	14	%	EPA 625.1m	-88	-88	0	30	
2021/22-4	Lab	method blank	5/26/2022	Pesticide	Phorate	n/a	<	0.0014	µg/L	EPA 625.1m	0.0014	0.01			
2021/22-4	Lab	LCS	6/1/2022	Pesticide	Phorate	n/a	=	0.0416	µg/L	EPA 625.1m	0.0014	0.01			
2021/22-4	Lab	LCS, rec	6/1/2022	Pesticide	Phorate	n/a	=	83	%	EPA 625.1m	-88	-88	61	135	
2021/22-4	Lab	method blank	6/2/2022	Pesticide	Phorate	n/a	<	0.0014	µg/L	EPA 625.1m	0.0014	0.01			
2021/22-4	ME-CC	matrix spike	6/2/2022	Pesticide	Phorate	n/a	=	0.0602	µg/L	EPA 625.1m	0.0014	0.01			
2021/22-4	ME-CC	matrix spike, rec	6/2/2022	Pesticide	Phorate	n/a	=	120	%	EPA 625.1m	-88	-88	33	172	
2021/22-4	ME-CC	matrix spike dup	6/2/2022	Pesticide	Phorate	n/a	=	0.0755	µg/L	EPA 625.1m	0.0014	0.01			
2021/22-4	ME-CC	matrix spike dup, rec	6/2/2022	Pesticide	Phorate	n/a	=	151	%	EPA 625.1m	-88	-88	33	172	
2021/22-4	ME-CC	matrix spike, RPD	6/2/2022	Pesticide	Phorate	n/a	=	23	%	EPA 625.1m	-88	-88	0	30	
2021/22-4	000NONPJ	matrix spike	5/12/2022	Pesticide	Picloram	n/a	=	3.89	µg/L	EPA 515.4	0.05	0.6			
2021/22-4	000NONPJ	matrix spike, rec	5/12/2022	Pesticide	Picloram	n/a	=	97	%	EPA 515.4	-88	-88	70	130	
2021/22-4	000NONPJ	matrix spike dup	5/12/2022	Pesticide	Picloram	n/a	=	3.98	µg/L	EPA 515.4	0.05	0.6			
2021/22-4	000NONPJ	matrix spike dup, rec	5/12/2022	Pesticide	Picloram	n/a	=	99	%	EPA 515.4	-88	-88	70	130	
2021/22-4	000NONPJ	matrix spike, RPD	5/12/2022	Pesticide	Picloram	n/a	=	2	%	EPA 515.4	-88	-88	0	30	
2021/22-4	Lab	method blank	5/12/2022	Pesticide	Picloram	n/a	<	0.05	µg/L	EPA 515.4	0.05	0.6			
2021/22-4	Lab	LCS	5/12/2022	Pesticide	Picloram	n/a	=	3.92	µg/L	EPA 515.4	0.05	0.6			
2021/22-4	Lab	LCS, rec	5/12/2022	Pesticide	Picloram	n/a	=	98	%	EPA 515.4	-88	-88	70	130	
2021/22-4	Lab	method blank	5/28/2022	Pesticide	Picloram	n/a	<	0.05	µg/L	EPA 515.4	0.05	0.6			
2021/22-4	Lab	LCS	5/28/2022	Pesticide	Picloram	n/a	=	3.99	µg/L	EPA 515.4	0.05	0.6			
2021/22-4	Lab	LCS, rec	5/28/2022	Pesticide	Picloram	n/a	=	100	%	EPA 515.4	-88	-88	70	130	
2021/22-4	ME-SCR	matrix spike	5/28/2022	Pesticide	Picloram	n/a	=	4.04	µg/L	EPA 515.4	0.05	0.6			

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2021/22-4	ME-SCR	matrix spike, rec	5/28/2022	Pesticide	Picloram	n/a	=	101	%	EPA 515.4	-88	-88	70	130	
2021/22-4	ME-SCR	matrix spike dup	5/28/2022	Pesticide	Picloram	n/a	=	4.08	µg/L	EPA 515.4	0.05	0.6			
2021/22-4	ME-SCR	matrix spike dup, rec	5/28/2022	Pesticide	Picloram	n/a	=	102	%	EPA 515.4	-88	-88	70	130	
2021/22-4	ME-SCR	matrix spike, RPD	5/28/2022	Pesticide	Picloram	n/a	=	1	%	EPA 515.4	-88	-88	0	30	
2021/22-4	Lab	method blank	5/10/2022	Pesticide	Prometryn	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1			
2021/22-4	Lab	LCS	5/10/2022	Pesticide	Prometryn	n/a	=	4.74	µg/L	EPA 525.2	0.03	0.1			
2021/22-4	Lab	LCS, rec	5/10/2022	Pesticide	Prometryn	n/a	=	95	%	EPA 525.2	-88	-88	30	120	
2021/22-4	Lab	LCS dup	5/10/2022	Pesticide	Prometryn	n/a	=	5.28	µg/L	EPA 525.2	0.03	0.1			
2021/22-4	Lab	LCS dup, rec	5/10/2022	Pesticide	Prometryn	n/a	=	106	%	EPA 525.2	-88	-88	30	120	
2021/22-4	Lab	LCS, RPD	5/10/2022	Pesticide	Prometryn	n/a	=	11	%	EPA 525.2	-88	-88	0	30	
2021/22-4	Lab	method blank	5/31/2022	Pesticide	Prometryn	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1			
2021/22-4	Lab	LCS	5/31/2022	Pesticide	Prometryn	n/a	=	2.58	µg/L	EPA 525.2	0.03	0.1			
2021/22-4	Lab	LCS, rec	5/31/2022	Pesticide	Prometryn	n/a	=	52	%	EPA 525.2	-88	-88	30	120	
2021/22-4	Lab	LCS dup	5/31/2022	Pesticide	Prometryn	n/a	=	2.29	µg/L	EPA 525.2	0.03	0.1			
2021/22-4	Lab	LCS dup, rec	5/31/2022	Pesticide	Prometryn	n/a	=	46	%	EPA 525.2	-88	-88	30	120	
2021/22-4	Lab	LCS, RPD	5/31/2022	Pesticide	Prometryn	n/a	=	12	%	EPA 525.2	-88	-88	0	30	
2021/22-4	Lab	method blank	6/2/2022	Pesticide	Prometryn	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1			
2021/22-4	Lab	LCS	6/2/2022	Pesticide	Prometryn	n/a	=	2.61	µg/L	EPA 525.2	0.03	0.1			
2021/22-4	Lab	LCS, rec	6/2/2022	Pesticide	Prometryn	n/a	=	52	%	EPA 525.2	-88	-88	30	120	
2021/22-4	Lab	LCS dup	6/2/2022	Pesticide	Prometryn	n/a	=	2.57	µg/L	EPA 525.2	0.03	0.1			
2021/22-4	Lab	LCS dup, rec	6/2/2022	Pesticide	Prometryn	n/a	=	51	%	EPA 525.2	-88	-88	30	120	
2021/22-4	Lab	LCS, RPD	6/2/2022	Pesticide	Prometryn	n/a	=	2	%	EPA 525.2	-88	-88	0	30	
2021/22-4	Lab	LCS	5/26/2022	Pesticide	Ronnel (Fenchlorphos)	n/a	=	0.057	µg/L	EPA 625.1m	0.0014	0.01			
2021/22-4	Lab	LCS, rec	5/26/2022	Pesticide	Ronnel (Fenchlorphos)	n/a	=	114	%	EPA 625.1m	-88	-88	63	129	
2021/22-4	Lab	LCS dup	5/26/2022	Pesticide	Ronnel (Fenchlorphos)	n/a	=	0.0265	µg/L	EPA 625.1m	0.0014	0.01			EUM,IL
2021/22-4	Lab	LCS dup, rec	5/26/2022	Pesticide	Ronnel (Fenchlorphos)	n/a	=	53	%	EPA 625.1m	-88	-88	63	129	EUM,IL
2021/22-4	Lab	LCS, RPD	5/26/2022	Pesticide	Ronnel (Fenchlorphos)	n/a	=	73	%	EPA 625.1m	-88	-88	0	30	EUM,IL
2021/22-4	Lab	method blank	5/26/2022	Pesticide	Ronnel (Fenchlorphos)	n/a	<	0.0014	µg/L	EPA 625.1m	0.0014	0.01			
2021/22-4	Lab	LCS	6/1/2022	Pesticide	Ronnel (Fenchlorphos)	n/a	=	0.0496	µg/L	EPA 625.1m	0.0014	0.01			
2021/22-4	Lab	LCS, rec	6/1/2022	Pesticide	Ronnel (Fenchlorphos)	n/a	=	99	%	EPA 625.1m	-88	-88	63	129	
2021/22-4	Lab	method blank	6/2/2022	Pesticide	Ronnel (Fenchlorphos)	n/a	<	0.0014	µg/L	EPA 625.1m	0.0014	0.01			
2021/22-4	ME-CC	matrix spike	6/2/2022	Pesticide	Ronnel (Fenchlorphos)	n/a	=	0.0599	µg/L	EPA 625.1m	0.0014	0.01			
2021/22-4	ME-CC	matrix spike, rec	6/2/2022	Pesticide	Ronnel (Fenchlorphos)	n/a	=	120	%	EPA 625.1m	-88	-88	36	145	
2021/22-4	ME-CC	matrix spike dup	6/2/2022	Pesticide	Ronnel (Fenchlorphos)	n/a	=	0.0619	µg/L	EPA 625.1m	0.0014	0.01			
2021/22-4	ME-CC	matrix spike dup, rec	6/2/2022	Pesticide	Ronnel (Fenchlorphos)	n/a	=	124	%	EPA 625.1m	-88	-88	36	145	
2021/22-4	ME-CC	matrix spike, RPD	6/2/2022	Pesticide	Ronnel (Fenchlorphos)	n/a	=	3	%	EPA 625.1m	-88	-88	0	30	
2021/22-4	Lab	method blank	5/10/2022	Pesticide	Simazine	n/a	<	0.02	µg/L	EPA 525.2	0.02	0.1			
2021/22-4	Lab	LCS	5/10/2022	Pesticide	Simazine	n/a	=	6.2	µg/L	EPA 525.2	0.02	0.1			
2021/22-4	Lab	LCS, rec	5/10/2022	Pesticide	Simazine	n/a	=	124	%	EPA 525.2	-88	-88	60	130	
2021/22-4	Lab	LCS dup	5/10/2022	Pesticide	Simazine	n/a	=	6.81	µg/L	EPA 525.2	0.02	0.1			EUM
2021/22-4	Lab	LCS dup, rec	5/10/2022	Pesticide	Simazine	n/a	=	136	%	EPA 525.2	-88	-88	60	130	EUM
2021/22-4	Lab	LCS, RPD	5/10/2022	Pesticide	Simazine	n/a	=	9	%	EPA 525.2	-88	-88	0	30	EUM
2021/22-4	Lab	method blank	5/31/2022	Pesticide	Simazine	n/a	<	0.02	µg/L	EPA 525.2	0.02	0.1			
2021/22-4	Lab	LCS	5/31/2022	Pesticide	Simazine	n/a	=	4.5	µg/L	EPA 525.2	0.02	0.1			
2021/22-4	Lab	LCS, rec	5/31/2022	Pesticide	Simazine	n/a	=	90	%	EPA 525.2	-88	-88	60	130	
2021/22-4	Lab	LCS dup	5/31/2022	Pesticide	Simazine	n/a	=	4.1	µg/L	EPA 525.2	0.02	0.1			
2021/22-4	Lab	LCS dup, rec	5/31/2022	Pesticide	Simazine	n/a	=	82	%	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	
2021/22-4	Lab	LCS, RPD	5/31/2022	Pesticide	Simazine	n/a	=	9	%	EPA 525.2	-88	-88	0	30	
2021/22-4	Lab	method blank	6/2/2022	Pesticide	Simazine	n/a	<	0.02	µg/L	EPA 525.2	0.02	0.1			
2021/22-4	Lab	LCS	6/2/2022	Pesticide	Simazine	n/a	=	4.29	µg/L	EPA 525.2	0.02	0.1			
2021/22-4	Lab	LCS, rec	6/2/2022	Pesticide	Simazine	n/a	=	86	%	EPA 525.2	-88	-88	60	130	
2021/22-4	Lab	LCS dup	6/2/2022	Pesticide	Simazine	n/a	=	4.13	µg/L	EPA 525.2	0.02	0.1			
2021/22-4	Lab	LCS dup, rec	6/2/2022	Pesticide	Simazine	n/a	=	83	%	EPA 525.2	-88	-88	60	130	
2021/22-4	Lab	LCS, RPD	6/2/2022	Pesticide	Simazine	n/a	=	4	%	EPA 525.2	-88	-88	0	30	
2021/22-4	Lab	LCS	5/26/2022	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	=	0.0757	µg/L	EPA 625.1m	0.0024	0.01			
2021/22-4	Lab	LCS, rec	5/26/2022	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	=	151	%	EPA 625.1m	-88	-88	71	184	
2021/22-4	Lab	LCS dup	5/26/2022	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	DNQ	0.0056	µg/L	EPA 625.1m	0.0024	0.01			EUM,IL
2021/22-4	Lab	LCS dup, rec	5/26/2022	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	=	11	%	EPA 625.1m	-88	-88	71	184	EUM,IL
2021/22-4	Lab	LCS, RPD	5/26/2022	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	=	173	%	EPA 625.1m	-88	-88	0	30	EUM,IL
2021/22-4	Lab	method blank	5/26/2022	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	<	0.0024	µg/L	EPA 625.1m	0.0024	0.01			
2021/22-4	Lab	LCS	6/1/2022	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	=	0.0418	µg/L	EPA 625.1m	0.0024	0.01			
2021/22-4	Lab	LCS, rec	6/1/2022	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	=	84	%	EPA 625.1m	-88	-88	71	184	
2021/22-4	Lab	method blank	6/2/2022	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	<	0.0024	µg/L	EPA 625.1m	0.0024	0.01			
2021/22-4	ME-CC	matrix spike	6/2/2022	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	=	0.0578	µg/L	EPA 625.1m	0.0024	0.01			
2021/22-4	ME-CC	matrix spike, rec	6/2/2022	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	=	116	%	EPA 625.1m	-88	-88	0.1	158	
2021/22-4	ME-CC	matrix spike dup	6/2/2022	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	=	0.0688	µg/L	EPA 625.1m	0.0024	0.01			
2021/22-4	ME-CC	matrix spike dup, rec	6/2/2022	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	=	138	%	EPA 625.1m	-88	-88	0.1	158	
2021/22-4	ME-CC	matrix spike, RPD	6/2/2022	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	=	17	%	EPA 625.1m	-88	-88	0	30	
2021/22-4	Lab	method blank	5/10/2022	Pesticide	Terbacil	n/a	<	0.09	µg/L	EPA 525.2	0.09	2			
2021/22-4	Lab	LCS	5/10/2022	Pesticide	Terbacil	n/a	=	6.8	µg/L	EPA 525.2	0.09	2			EUM
2021/22-4	Lab	LCS, rec	5/10/2022	Pesticide	Terbacil	n/a	=	136	%	EPA 525.2	-88	-88	70	130	EUM
2021/22-4	Lab	LCS dup	5/10/2022	Pesticide	Terbacil	n/a	=	7.14	µg/L	EPA 525.2	0.09	2			EUM
2021/22-4	Lab	LCS dup, rec	5/10/2022	Pesticide	Terbacil	n/a	=	143	%	EPA 525.2	-88	-88	70	130	EUM
2021/22-4	Lab	LCS, RPD	5/10/2022	Pesticide	Terbacil	n/a	=	5	%	EPA 525.2	-88	-88	0	30	EUM
2021/22-4	Lab	method blank	5/31/2022	Pesticide	Terbacil	n/a	<	0.09	µg/L	EPA 525.2	0.09	2			
2021/22-4	Lab	LCS	5/31/2022	Pesticide	Terbacil	n/a	=	5.34	µg/L	EPA 525.2	0.09	2			
2021/22-4	Lab	LCS, rec	5/31/2022	Pesticide	Terbacil	n/a	=	107	%	EPA 525.2	-88	-88	70	130	
2021/22-4	Lab	LCS dup	5/31/2022	Pesticide	Terbacil	n/a	=	5.02	µg/L	EPA 525.2	0.09	2			
2021/22-4	Lab	LCS dup, rec	5/31/2022	Pesticide	Terbacil	n/a	=	100	%	EPA 525.2	-88	-88	70	130	
2021/22-4	Lab	LCS, RPD	5/31/2022	Pesticide	Terbacil	n/a	=	6	%	EPA 525.2	-88	-88	0	30	
2021/22-4	Lab	method blank	6/2/2022	Pesticide	Terbacil	n/a	<	0.09	µg/L	EPA 525.2	0.09	2			
2021/22-4	Lab	LCS	6/2/2022	Pesticide	Terbacil	n/a	=	5.44	µg/L	EPA 525.2	0.09	2			
2021/22-4	Lab	LCS, rec	6/2/2022	Pesticide	Terbacil	n/a	=	109	%	EPA 525.2	-88	-88	70	130	
2021/22-4	Lab	LCS dup	6/2/2022	Pesticide	Terbacil	n/a	=	4.99	µg/L	EPA 525.2	0.09	2			
2021/22-4	Lab	LCS dup, rec	6/2/2022	Pesticide	Terbacil	n/a	=	100	%	EPA 525.2	-88	-88	70	130	
2021/22-4	Lab	LCS, RPD	6/2/2022	Pesticide	Terbacil	n/a	=	9	%	EPA 525.2	-88	-88	0	30	
2021/22-4	Lab	method blank	5/10/2022	Pesticide	Thiobencarb	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1			
2021/22-4	Lab	LCS	5/10/2022	Pesticide	Thiobencarb	n/a	=	5.83	µg/L	EPA 525.2	0.03	0.1			
2021/22-4	Lab	LCS, rec	5/10/2022	Pesticide	Thiobencarb	n/a	=	117	%	EPA 525.2	-88	-88	70	130	
2021/22-4	Lab	LCS dup	5/10/2022	Pesticide	Thiobencarb	n/a	=	6.58	µg/L	EPA 525.2	0.03	0.1			EUM
2021/22-4	Lab	LCS dup, rec	5/10/2022	Pesticide	Thiobencarb	n/a	=	132	%	EPA 525.2	-88	-88	70	130	EUM
2021/22-4	Lab	LCS, RPD	5/10/2022	Pesticide	Thiobencarb	n/a	=	12	%	EPA 525.2	-88	-88	0	30	EUM
2021/22-4	Lab	method blank	5/31/2022	Pesticide	Thiobencarb	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1			
2021/22-4	Lab	LCS	5/31/2022	Pesticide	Thiobencarb	n/a	=	4.98	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	
2021/22-4	Lab	LCS, rec	5/31/2022	Pesticide	Thiobencarb	n/a	=	100	%	EPA 525.2	-88	-88	70	130	
2021/22-4	Lab	LCS dup	5/31/2022	Pesticide	Thiobencarb	n/a	=	4.45	µg/L	EPA 525.2	0.03	0.1			
2021/22-4	Lab	LCS dup, rec	5/31/2022	Pesticide	Thiobencarb	n/a	=	89	%	EPA 525.2	-88	-88	70	130	
2021/22-4	Lab	LCS, RPD	5/31/2022	Pesticide	Thiobencarb	n/a	=	11	%	EPA 525.2	-88	-88	0	30	
2021/22-4	Lab	method blank	6/2/2022	Pesticide	Thiobencarb	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1			
2021/22-4	Lab	LCS	6/2/2022	Pesticide	Thiobencarb	n/a	=	4.76	µg/L	EPA 525.2	0.03	0.1			
2021/22-4	Lab	LCS, rec	6/2/2022	Pesticide	Thiobencarb	n/a	=	95	%	EPA 525.2	-88	-88	70	130	
2021/22-4	Lab	LCS dup	6/2/2022	Pesticide	Thiobencarb	n/a	=	4.24	µg/L	EPA 525.2	0.03	0.1			
2021/22-4	Lab	LCS dup, rec	6/2/2022	Pesticide	Thiobencarb	n/a	=	85	%	EPA 525.2	-88	-88	70	130	
2021/22-4	Lab	LCS, RPD	6/2/2022	Pesticide	Thiobencarb	n/a	=	12	%	EPA 525.2	-88	-88	0	30	
2021/22-4	Lab	LCS	5/26/2022	Pesticide	Tokuthion	n/a	=	0.0587	µg/L	EPA 625.1m	0.0022	0.01			
2021/22-4	Lab	LCS, rec	5/26/2022	Pesticide	Tokuthion	n/a	=	117	%	EPA 625.1m	-88	-88	69	149	
2021/22-4	Lab	LCS dup	5/26/2022	Pesticide	Tokuthion	n/a	=	0.0209	µg/L	EPA 625.1m	0.0022	0.01			EUM,IL
2021/22-4	Lab	LCS dup, rec	5/26/2022	Pesticide	Tokuthion	n/a	=	42	%	EPA 625.1m	-88	-88	69	149	EUM,IL
2021/22-4	Lab	LCS, RPD	5/26/2022	Pesticide	Tokuthion	n/a	=	95	%	EPA 625.1m	-88	-88	0	30	EUM,IL
2021/22-4	Lab	method blank	5/26/2022	Pesticide	Tokuthion	n/a	<	0.0022	µg/L	EPA 625.1m	0.0022	0.01			
2021/22-4	Lab	LCS	6/1/2022	Pesticide	Tokuthion	n/a	=	0.0466	µg/L	EPA 625.1m	0.0022	0.01			
2021/22-4	Lab	LCS, rec	6/1/2022	Pesticide	Tokuthion	n/a	=	93	%	EPA 625.1m	-88	-88	69	149	
2021/22-4	Lab	method blank	6/2/2022	Pesticide	Tokuthion	n/a	<	0.0022	µg/L	EPA 625.1m	0.0022	0.01			
2021/22-4	ME-CC	matrix spike	6/2/2022	Pesticide	Tokuthion	n/a	=	0.049	µg/L	EPA 625.1m	0.0022	0.01			
2021/22-4	ME-CC	matrix spike, rec	6/2/2022	Pesticide	Tokuthion	n/a	=	98	%	EPA 625.1m	-88	-88	35	145	
2021/22-4	ME-CC	matrix spike dup	6/2/2022	Pesticide	Tokuthion	n/a	=	0.0484	µg/L	EPA 625.1m	0.0022	0.01			
2021/22-4	ME-CC	matrix spike dup, rec	6/2/2022	Pesticide	Tokuthion	n/a	=	97	%	EPA 625.1m	-88	-88	35	145	
2021/22-4	ME-CC	matrix spike, RPD	6/2/2022	Pesticide	Tokuthion	n/a	=	1	%	EPA 625.1m	-88	-88	0	30	
2021/22-4	Lab	method blank	5/7/2022	Pesticide	Toxaphene	n/a	<	0.085	µg/L	EPA 608.3	0.085	0.5			
2021/22-4	Lab	method blank	5/27/2022	Pesticide	Toxaphene	n/a	<	0.085	µg/L	EPA 608.3	0.085	0.5			
2021/22-4	Lab	method blank	6/10/2022	Pesticide	Toxaphene	n/a	<	0.085	µg/L	EPA 608.3	0.085	0.5			
2021/22-4	Lab	method blank	6/11/2022	Pesticide	Toxaphene	n/a	<	0.085	µg/L	EPA 608.3	0.085	0.5			
2021/22-4	Lab	LCS	5/26/2022	Pesticide	Trichloronate	n/a	=	0.0543	µg/L	EPA 625.1m	0.0016	0.01			
2021/22-4	Lab	LCS, rec	5/26/2022	Pesticide	Trichloronate	n/a	=	109	%	EPA 625.1m	-88	-88	67	134	
2021/22-4	Lab	LCS dup	5/26/2022	Pesticide	Trichloronate	n/a	DNQ	0.009	µg/L	EPA 625.1m	0.0016	0.01			EUM,IL
2021/22-4	Lab	LCS dup, rec	5/26/2022	Pesticide	Trichloronate	n/a	=	18	%	EPA 625.1m	-88	-88	67	134	EUM,IL
2021/22-4	Lab	LCS, RPD	5/26/2022	Pesticide	Trichloronate	n/a	=	143	%	EPA 625.1m	-88	-88	0	30	EUM,IL
2021/22-4	Lab	method blank	5/26/2022	Pesticide	Trichloronate	n/a	<	0.0016	µg/L	EPA 625.1m	0.0016	0.01			
2021/22-4	Lab	LCS	6/1/2022	Pesticide	Trichloronate	n/a	=	0.0465	µg/L	EPA 625.1m	0.0016	0.01			
2021/22-4	Lab	LCS, rec	6/1/2022	Pesticide	Trichloronate	n/a	=	93	%	EPA 625.1m	-88	-88	67	134	
2021/22-4	Lab	method blank	6/2/2022	Pesticide	Trichloronate	n/a	<	0.0016	µg/L	EPA 625.1m	0.0016	0.01			
2021/22-4	ME-CC	matrix spike	6/2/2022	Pesticide	Trichloronate	n/a	=	0.0504	µg/L	EPA 625.1m	0.0016	0.01			
2021/22-4	ME-CC	matrix spike, rec	6/2/2022	Pesticide	Trichloronate	n/a	=	101	%	EPA 625.1m	-88	-88	52	133	
2021/22-4	ME-CC	matrix spike dup	6/2/2022	Pesticide	Trichloronate	n/a	=	0.0498	µg/L	EPA 625.1m	0.0016	0.01			
2021/22-4	ME-CC	matrix spike dup, rec	6/2/2022	Pesticide	Trichloronate	n/a	=	100	%	EPA 625.1m	-88	-88	52	133	
2021/22-4	ME-CC	matrix spike, RPD	6/2/2022	Pesticide	Trichloronate	n/a	=	1	%	EPA 625.1m	-88	-88	0	30	
2021/22-4	Lab	method blank	5/10/2022	Pesticide	Trithion	n/a	<	0.02	µg/L	EPA 525.2	0.02	0.1			
2021/22-4	Lab	LCS	5/10/2022	Pesticide	Trithion	n/a	=	6.17	µg/L	EPA 525.2	0.02	0.1			
2021/22-4	Lab	LCS, rec	5/10/2022	Pesticide	Trithion	n/a	=	123	%	EPA 525.2	-88	-88	70	130	
2021/22-4	Lab	LCS dup	5/10/2022	Pesticide	Trithion	n/a	=	6.82	µg/L	EPA 525.2	0.02	0.1			EUM
2021/22-4	Lab	LCS dup, rec	5/10/2022	Pesticide	Trithion	n/a	=	136	%	EPA 525.2	-88	-88	70	130	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	
2021/22-4	Lab	LCS, RPD	5/10/2022	Pesticide	Trithion	n/a	=	10	%	EPA 525.2	-88	-88	0	30	EUM
2021/22-4	Lab	method blank	5/31/2022	Pesticide	Trithion	n/a	<	0.02	µg/L	EPA 525.2	0.02	0.1			
2021/22-4	Lab	LCS	5/31/2022	Pesticide	Trithion	n/a	=	4.99	µg/L	EPA 525.2	0.02	0.1			
2021/22-4	Lab	LCS, rec	5/31/2022	Pesticide	Trithion	n/a	=	100	%	EPA 525.2	-88	-88	70	130	
2021/22-4	Lab	LCS dup	5/31/2022	Pesticide	Trithion	n/a	=	4.04	µg/L	EPA 525.2	0.02	0.1			
2021/22-4	Lab	LCS dup, rec	5/31/2022	Pesticide	Trithion	n/a	=	81	%	EPA 525.2	-88	-88	70	130	
2021/22-4	Lab	LCS, RPD	5/31/2022	Pesticide	Trithion	n/a	=	21	%	EPA 525.2	-88	-88	0	30	
2021/22-4	Lab	method blank	6/2/2022	Pesticide	Trithion	n/a	<	0.02	µg/L	EPA 525.2	0.02	0.1			
2021/22-4	Lab	LCS	6/2/2022	Pesticide	Trithion	n/a	=	4.96	µg/L	EPA 525.2	0.02	0.1			
2021/22-4	Lab	LCS, rec	6/2/2022	Pesticide	Trithion	n/a	=	99	%	EPA 525.2	-88	-88	70	130	
2021/22-4	Lab	LCS dup	6/2/2022	Pesticide	Trithion	n/a	=	4.43	µg/L	EPA 525.2	0.02	0.1			
2021/22-4	Lab	LCS dup, rec	6/2/2022	Pesticide	Trithion	n/a	=	89	%	EPA 525.2	-88	-88	70	130	
2021/22-4	Lab	LCS, RPD	6/2/2022	Pesticide	Trithion	n/a	=	11	%	EPA 525.2	-88	-88	0	30	
2021/22-PRE	000NONPJ	matrix spike	9/1/2021	Metal	Aluminum	Total	=	99.1	µg/L	EPA 200.8	4.4	20			
2021/22-PRE	000NONPJ	matrix spike, rec	9/1/2021	Metal	Aluminum	Total	=	97	%	EPA 200.8	-88	-88	70	130	
2021/22-PRE	000NONPJ	matrix spike dup	9/1/2021	Metal	Aluminum	Total	=	98.1	µg/L	EPA 200.8	4.4	20			
2021/22-PRE	000NONPJ	matrix spike dup, rec	9/1/2021	Metal	Aluminum	Total	=	95	%	EPA 200.8	-88	-88	70	130	
2021/22-PRE	000NONPJ	matrix spike, RPD	9/1/2021	Metal	Aluminum	Total	=	1	%	EPA 200.8	-88	-88	0	30	
2021/22-PRE	000NONPJ	matrix spike	10/4/2021	Metal	Aluminum	Total	=	49.7	µg/L	EPA 200.8	4.4	20			
2021/22-PRE	000NONPJ	matrix spike, rec	10/4/2021	Metal	Aluminum	Total	=	99	%	EPA 200.8	-88	-88	70	130	
2021/22-PRE	000NONPJ	matrix spike dup	10/4/2021	Metal	Aluminum	Total	=	49	µg/L	EPA 200.8	4.4	20			
2021/22-PRE	000NONPJ	matrix spike dup, rec	10/4/2021	Metal	Aluminum	Total	=	98	%	EPA 200.8	-88	-88	70	130	
2021/22-PRE	000NONPJ	matrix spike, RPD	10/4/2021	Metal	Aluminum	Total	=	1	%	EPA 200.8	-88	-88	0	30	
2021/22-PRE	blankwater-ultrapur	equip blank	10/4/2021	Metal	Aluminum	Total	<	4.4	µg/L	EPA 200.8	4.4	20			
2021/22-PRE	Carboy Blank	equip blank	9/1/2021	Metal	Aluminum	Total	<	4.4	µg/L	EPA 200.8	4.4	20			
2021/22-PRE	Carboy Blank	matrix spike	9/1/2021	Metal	Aluminum	Total	=	52.5	µg/L	EPA 200.8	4.4	20			
2021/22-PRE	Carboy Blank	matrix spike, rec	9/1/2021	Metal	Aluminum	Total	=	105	%	EPA 200.8	-88	-88	70	130	
2021/22-PRE	Carboy Blank	matrix spike dup	9/1/2021	Metal	Aluminum	Total	=	52.4	µg/L	EPA 200.8	4.4	20			
2021/22-PRE	Carboy Blank	matrix spike dup, rec	9/1/2021	Metal	Aluminum	Total	=	105	%	EPA 200.8	-88	-88	70	130	
2021/22-PRE	Carboy Blank	matrix spike, RPD	9/1/2021	Metal	Aluminum	Total	=	0.1	%	EPA 200.8	-88	-88	0	30	
2021/22-PRE	Lab	method blank	9/1/2021	Metal	Aluminum	Total	<	4.4	µg/L	EPA 200.8	4.4	20			
2021/22-PRE	Lab	LCS	9/1/2021	Metal	Aluminum	Total	=	50.6	µg/L	EPA 200.8	4.4	20			
2021/22-PRE	Lab	LCS, rec	9/1/2021	Metal	Aluminum	Total	=	101	%	EPA 200.8	-88	-88	85	115	
2021/22-PRE	Lab	method blank	10/4/2021	Metal	Aluminum	Total	DNQ	4.95	µg/L	EPA 200.8	4.4	20			IP
2021/22-PRE	Lab	LCS	10/4/2021	Metal	Aluminum	Total	=	49.7	µg/L	EPA 200.8	4.4	20			
2021/22-PRE	Lab	LCS, rec	10/4/2021	Metal	Aluminum	Total	=	99	%	EPA 200.8	-88	-88	85	115	
2021/22-PRE	Tubing Blank	equip blank	9/1/2021	Metal	Aluminum	Total	DNQ	5.4	µg/L	EPA 200.8	4.4	20			
2021/22-PRE	000NONPJ	matrix spike	9/1/2021	Metal	Antimony	Total	=	50.9	µg/L	EPA 200.8	0.089	0.5			
2021/22-PRE	000NONPJ	matrix spike, rec	9/1/2021	Metal	Antimony	Total	=	101	%	EPA 200.8	-88	-88	70	130	
2021/22-PRE	000NONPJ	matrix spike dup	9/1/2021	Metal	Antimony	Total	=	50	µg/L	EPA 200.8	0.089	0.5			
2021/22-PRE	000NONPJ	matrix spike dup, rec	9/1/2021	Metal	Antimony	Total	=	100	%	EPA 200.8	-88	-88	70	130	
2021/22-PRE	000NONPJ	matrix spike, RPD	9/1/2021	Metal	Antimony	Total	=	2	%	EPA 200.8	-88	-88	0	30	
2021/22-PRE	Carboy Blank	equip blank	9/1/2021	Metal	Antimony	Total	<	0.089	µg/L	EPA 200.8	0.089	0.5			
2021/22-PRE	Carboy Blank	matrix spike	9/1/2021	Metal	Antimony	Total	=	49.9	µg/L	EPA 200.8	0.089	0.5			
2021/22-PRE	Carboy Blank	matrix spike, rec	9/1/2021	Metal	Antimony	Total	=	100	%	EPA 200.8	-88	-88	70	130	
2021/22-PRE	Carboy Blank	matrix spike dup	9/1/2021	Metal	Antimony	Total	=	49.7	µg/L	EPA 200.8	0.089	0.5			
2021/22-PRE	Carboy Blank	matrix spike dup, rec	9/1/2021	Metal	Antimony	Total	=	100	%	EPA 200.8	-88	-88	70	130	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2021/22-PRE	Carboy Blank	matrix spike, RPD	9/1/2021	Metal	Antimony	Total	=	0.2	%	EPA 200.8	-88	-88	0	30	
2021/22-PRE	Lab	method blank	9/1/2021	Metal	Antimony	Total	<	0.089	µg/L	EPA 200.8	0.089	0.5			
2021/22-PRE	Lab	LCS	9/1/2021	Metal	Antimony	Total	=	49.6	µg/L	EPA 200.8	0.089	0.5			
2021/22-PRE	Lab	LCS, rec	9/1/2021	Metal	Antimony	Total	=	99	%	EPA 200.8	-88	-88	85	115	
2021/22-PRE	Tubing Blank	equip blank	9/1/2021	Metal	Antimony	Total	<	0.089	µg/L	EPA 200.8	0.089	0.5			
2021/22-PRE	000NONPJ	matrix spike	9/1/2021	Metal	Arsenic	Total	=	51.9	µg/L	EPA 200.8	0.074	0.4			
2021/22-PRE	000NONPJ	matrix spike, rec	9/1/2021	Metal	Arsenic	Total	=	102	%	EPA 200.8	-88	-88	70	130	
2021/22-PRE	000NONPJ	matrix spike dup	9/1/2021	Metal	Arsenic	Total	=	52.3	µg/L	EPA 200.8	0.074	0.4			
2021/22-PRE	000NONPJ	matrix spike dup, rec	9/1/2021	Metal	Arsenic	Total	=	103	%	EPA 200.8	-88	-88	70	130	
2021/22-PRE	000NONPJ	matrix spike, RPD	9/1/2021	Metal	Arsenic	Total	=	0.8	%	EPA 200.8	-88	-88	0	30	
2021/22-PRE	Carboy Blank	equip blank	9/1/2021	Metal	Arsenic	Total	<	0.074	µg/L	EPA 200.8	0.074	0.4			
2021/22-PRE	Carboy Blank	matrix spike	9/1/2021	Metal	Arsenic	Total	=	51	µg/L	EPA 200.8	0.074	0.4			
2021/22-PRE	Carboy Blank	matrix spike, rec	9/1/2021	Metal	Arsenic	Total	=	102	%	EPA 200.8	-88	-88	70	130	
2021/22-PRE	Carboy Blank	matrix spike dup	9/1/2021	Metal	Arsenic	Total	=	51.6	µg/L	EPA 200.8	0.074	0.4			
2021/22-PRE	Carboy Blank	matrix spike dup, rec	9/1/2021	Metal	Arsenic	Total	=	103	%	EPA 200.8	-88	-88	70	130	
2021/22-PRE	Carboy Blank	matrix spike, RPD	9/1/2021	Metal	Arsenic	Total	=	1	%	EPA 200.8	-88	-88	0	30	
2021/22-PRE	Lab	method blank	9/1/2021	Metal	Arsenic	Total	<	0.074	µg/L	EPA 200.8	0.074	0.4			
2021/22-PRE	Lab	LCS	9/1/2021	Metal	Arsenic	Total	=	51.9	µg/L	EPA 200.8	0.074	0.4			
2021/22-PRE	Lab	LCS, rec	9/1/2021	Metal	Arsenic	Total	=	104	%	EPA 200.8	-88	-88	85	115	
2021/22-PRE	Tubing Blank	equip blank	9/1/2021	Metal	Arsenic	Total	<	0.074	µg/L	EPA 200.8	0.074	0.4			
2021/22-PRE	000NONPJ	matrix spike	9/1/2021	Metal	Beryllium	Total	=	51.9	µg/L	EPA 200.8	0.062	0.1			
2021/22-PRE	000NONPJ	matrix spike, rec	9/1/2021	Metal	Beryllium	Total	=	104	%	EPA 200.8	-88	-88	70	130	
2021/22-PRE	000NONPJ	matrix spike dup	9/1/2021	Metal	Beryllium	Total	=	54	µg/L	EPA 200.8	0.062	0.1			
2021/22-PRE	000NONPJ	matrix spike dup, rec	9/1/2021	Metal	Beryllium	Total	=	108	%	EPA 200.8	-88	-88	70	130	
2021/22-PRE	000NONPJ	matrix spike, RPD	9/1/2021	Metal	Beryllium	Total	=	4	%	EPA 200.8	-88	-88	0	30	
2021/22-PRE	Carboy Blank	equip blank	9/1/2021	Metal	Beryllium	Total	<	0.062	µg/L	EPA 200.8	0.062	0.1			
2021/22-PRE	Carboy Blank	matrix spike	9/1/2021	Metal	Beryllium	Total	=	48.8	µg/L	EPA 200.8	0.062	0.1			
2021/22-PRE	Carboy Blank	matrix spike, rec	9/1/2021	Metal	Beryllium	Total	=	98	%	EPA 200.8	-88	-88	70	130	
2021/22-PRE	Carboy Blank	matrix spike dup	9/1/2021	Metal	Beryllium	Total	=	50	µg/L	EPA 200.8	0.062	0.1			
2021/22-PRE	Carboy Blank	matrix spike dup, rec	9/1/2021	Metal	Beryllium	Total	=	100	%	EPA 200.8	-88	-88	70	130	
2021/22-PRE	Carboy Blank	matrix spike, RPD	9/1/2021	Metal	Beryllium	Total	=	3	%	EPA 200.8	-88	-88	0	30	
2021/22-PRE	Lab	method blank	9/1/2021	Metal	Beryllium	Total	<	0.062	µg/L	EPA 200.8	0.062	0.1			
2021/22-PRE	Lab	LCS	9/1/2021	Metal	Beryllium	Total	=	50.1	µg/L	EPA 200.8	0.062	0.1			
2021/22-PRE	Lab	LCS, rec	9/1/2021	Metal	Beryllium	Total	=	100	%	EPA 200.8	-88	-88	85	115	
2021/22-PRE	Tubing Blank	equip blank	9/1/2021	Metal	Beryllium	Total	<	0.062	µg/L	EPA 200.8	0.062	0.1			
2021/22-PRE	000NONPJ	matrix spike	9/1/2021	Metal	Cadmium	Total	=	49.3	µg/L	EPA 200.8	0.042	0.2			
2021/22-PRE	000NONPJ	matrix spike, rec	9/1/2021	Metal	Cadmium	Total	=	99	%	EPA 200.8	-88	-88	70	130	
2021/22-PRE	000NONPJ	matrix spike dup	9/1/2021	Metal	Cadmium	Total	=	48.6	µg/L	EPA 200.8	0.042	0.2			
2021/22-PRE	000NONPJ	matrix spike dup, rec	9/1/2021	Metal	Cadmium	Total	=	97	%	EPA 200.8	-88	-88	70	130	
2021/22-PRE	000NONPJ	matrix spike, RPD	9/1/2021	Metal	Cadmium	Total	=	1	%	EPA 200.8	-88	-88	0	30	
2021/22-PRE	Carboy Blank	equip blank	9/1/2021	Metal	Cadmium	Total	<	0.042	µg/L	EPA 200.8	0.042	0.2			
2021/22-PRE	Carboy Blank	matrix spike	9/1/2021	Metal	Cadmium	Total	=	50.5	µg/L	EPA 200.8	0.042	0.2			
2021/22-PRE	Carboy Blank	matrix spike, rec	9/1/2021	Metal	Cadmium	Total	=	101	%	EPA 200.8	-88	-88	70	130	
2021/22-PRE	Carboy Blank	matrix spike dup	9/1/2021	Metal	Cadmium	Total	=	50.3	µg/L	EPA 200.8	0.042	0.2			
2021/22-PRE	Carboy Blank	matrix spike dup, rec	9/1/2021	Metal	Cadmium	Total	=	101	%	EPA 200.8	-88	-88	70	130	
2021/22-PRE	Carboy Blank	matrix spike, RPD	9/1/2021	Metal	Cadmium	Total	=	0.4	%	EPA 200.8	-88	-88	0	30	
2021/22-PRE	Lab	method blank	9/1/2021	Metal	Cadmium	Total	<	0.042	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	
2021/22-PRE	Lab	LCS	9/1/2021	Metal	Cadmium	Total	=	50.1	µg/L	EPA 200.8	0.042	0.2			
2021/22-PRE	Lab	LCS, rec	9/1/2021	Metal	Cadmium	Total	=	100	%	EPA 200.8	-88	-88	85	115	
2021/22-PRE	Tubing Blank	equip blank	9/1/2021	Metal	Cadmium	Total	<	0.042	µg/L	EPA 200.8	0.042	0.2			
2021/22-PRE	000NONPJ	matrix spike	9/1/2021	Metal	Chromium	Total	=	50.2	µg/L	EPA 200.8	0.089	0.2			
2021/22-PRE	000NONPJ	matrix spike, rec	9/1/2021	Metal	Chromium	Total	=	100	%	EPA 200.8	-88	-88	70	130	
2021/22-PRE	000NONPJ	matrix spike dup	9/1/2021	Metal	Chromium	Total	=	50.2	µg/L	EPA 200.8	0.089	0.2			
2021/22-PRE	000NONPJ	matrix spike dup, rec	9/1/2021	Metal	Chromium	Total	=	100	%	EPA 200.8	-88	-88	70	130	
2021/22-PRE	000NONPJ	matrix spike, RPD	9/1/2021	Metal	Chromium	Total	=	0.07	%	EPA 200.8	-88	-88	0	30	
2021/22-PRE	000NONPJ	matrix spike	10/4/2021	Metal	Chromium	Total	=	48.1	µg/L	EPA 200.8	0.089	0.2			
2021/22-PRE	000NONPJ	matrix spike, rec	10/4/2021	Metal	Chromium	Total	=	95	%	EPA 200.8	-88	-88	70	130	
2021/22-PRE	000NONPJ	matrix spike dup	10/4/2021	Metal	Chromium	Total	=	47.9	µg/L	EPA 200.8	0.089	0.2			
2021/22-PRE	000NONPJ	matrix spike dup, rec	10/4/2021	Metal	Chromium	Total	=	95	%	EPA 200.8	-88	-88	70	130	
2021/22-PRE	000NONPJ	matrix spike, RPD	10/4/2021	Metal	Chromium	Total	=	0.4	%	EPA 200.8	-88	-88	0	30	
2021/22-PRE	hankwater-ultrapur	equip blank	10/4/2021	Metal	Chromium	Total	DNQ	0.19	µg/L	EPA 200.8	0.089	0.2			
2021/22-PRE	Carboy Blank	equip blank	9/1/2021	Metal	Chromium	Total	=	0.38	µg/L	EPA 200.8	0.089	0.2			
2021/22-PRE	Carboy Blank	matrix spike	9/1/2021	Metal	Chromium	Total	=	50.8	µg/L	EPA 200.8	0.089	0.2			
2021/22-PRE	Carboy Blank	matrix spike, rec	9/1/2021	Metal	Chromium	Total	=	101	%	EPA 200.8	-88	-88	70	130	
2021/22-PRE	Carboy Blank	matrix spike dup	9/1/2021	Metal	Chromium	Total	=	51.6	µg/L	EPA 200.8	0.089	0.2			
2021/22-PRE	Carboy Blank	matrix spike dup, rec	9/1/2021	Metal	Chromium	Total	=	102	%	EPA 200.8	-88	-88	70	130	
2021/22-PRE	Carboy Blank	matrix spike, RPD	9/1/2021	Metal	Chromium	Total	=	2	%	EPA 200.8	-88	-88	0	30	
2021/22-PRE	Lab	method blank	9/1/2021	Metal	Chromium	Total	<	0.089	µg/L	EPA 200.8	0.089	0.2			
2021/22-PRE	Lab	LCS	9/1/2021	Metal	Chromium	Total	=	51.1	µg/L	EPA 200.8	0.089	0.2			
2021/22-PRE	Lab	LCS, rec	9/1/2021	Metal	Chromium	Total	=	102	%	EPA 200.8	-88	-88	85	115	
2021/22-PRE	Lab	method blank	10/4/2021	Metal	Chromium	Total	<	0.089	µg/L	EPA 200.8	0.089	0.2			
2021/22-PRE	Lab	LCS	10/4/2021	Metal	Chromium	Total	=	49.6	µg/L	EPA 200.8	0.089	0.2			
2021/22-PRE	Lab	LCS, rec	10/4/2021	Metal	Chromium	Total	=	99	%	EPA 200.8	-88	-88	85	115	
2021/22-PRE	Tubing Blank	equip blank	9/1/2021	Metal	Chromium	Total	=	0.2	µg/L	EPA 200.8	0.089	0.2			
2021/22-PRE	000NONPJ	matrix spike	9/1/2021	Metal	Copper	Total	=	53.7	µg/L	EPA 200.8	0.23	0.5			
2021/22-PRE	000NONPJ	matrix spike, rec	9/1/2021	Metal	Copper	Total	=	98	%	EPA 200.8	-88	-88	70	130	
2021/22-PRE	000NONPJ	matrix spike dup	9/1/2021	Metal	Copper	Total	=	53.7	µg/L	EPA 200.8	0.23	0.5			
2021/22-PRE	000NONPJ	matrix spike dup, rec	9/1/2021	Metal	Copper	Total	=	98	%	EPA 200.8	-88	-88	70	130	
2021/22-PRE	000NONPJ	matrix spike, RPD	9/1/2021	Metal	Copper	Total	=	0.1	%	EPA 200.8	-88	-88	0	30	
2021/22-PRE	000NONPJ	matrix spike	10/4/2021	Metal	Copper	Total	=	47.8	µg/L	EPA 200.8	0.23	0.5			
2021/22-PRE	000NONPJ	matrix spike, rec	10/4/2021	Metal	Copper	Total	=	95	%	EPA 200.8	-88	-88	70	130	
2021/22-PRE	000NONPJ	matrix spike dup	10/4/2021	Metal	Copper	Total	=	47.7	µg/L	EPA 200.8	0.23	0.5			
2021/22-PRE	000NONPJ	matrix spike dup, rec	10/4/2021	Metal	Copper	Total	=	95	%	EPA 200.8	-88	-88	70	130	
2021/22-PRE	000NONPJ	matrix spike, RPD	10/4/2021	Metal	Copper	Total	=	0.3	%	EPA 200.8	-88	-88	0	30	
2021/22-PRE	hankwater-ultrapur	equip blank	10/4/2021	Metal	Copper	Total	=	0.72	µg/L	EPA 200.8	0.23	0.5			
2021/22-PRE	Carboy Blank	equip blank	9/1/2021	Metal	Copper	Total	DNQ	0.48	µg/L	EPA 200.8	0.23	0.5			
2021/22-PRE	Carboy Blank	matrix spike	9/1/2021	Metal	Copper	Total	=	54.1	µg/L	EPA 200.8	0.23	0.5			
2021/22-PRE	Carboy Blank	matrix spike, rec	9/1/2021	Metal	Copper	Total	=	107	%	EPA 200.8	-88	-88	70	130	
2021/22-PRE	Carboy Blank	matrix spike dup	9/1/2021	Metal	Copper	Total	=	54.2	µg/L	EPA 200.8	0.23	0.5			
2021/22-PRE	Carboy Blank	matrix spike dup, rec	9/1/2021	Metal	Copper	Total	=	107	%	EPA 200.8	-88	-88	70	130	
2021/22-PRE	Carboy Blank	matrix spike, RPD	9/1/2021	Metal	Copper	Total	=	0.3	%	EPA 200.8	-88	-88	0	30	
2021/22-PRE	Lab	method blank	9/1/2021	Metal	Copper	Total	<	0.23	µg/L	EPA 200.8	0.23	0.5			
2021/22-PRE	Lab	LCS	9/1/2021	Metal	Copper	Total	=	53.5	µg/L	EPA 200.8	0.23	0.5			
2021/22-PRE	Lab	LCS, rec	9/1/2021	Metal	Copper	Total	=	107	%	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	
2021/22-PRE	Lab	method blank	10/4/2021	Metal	Copper	Total	<	0.23	µg/L	EPA 200.8	0.23	0.5			
2021/22-PRE	Lab	LCS	10/4/2021	Metal	Copper	Total	=	50.6	µg/L	EPA 200.8	0.23	0.5			
2021/22-PRE	Lab	LCS, rec	10/4/2021	Metal	Copper	Total	=	101	%	EPA 200.8	-88	-88	85	115	
2021/22-PRE	Tubing Blank	equip blank	9/1/2021	Metal	Copper	Total	=	0.82	µg/L	EPA 200.8	0.23	0.5			
2021/22-PRE	000NONPJ	matrix spike	9/1/2021	Metal	Iron	Total	=	216	µg/L	EPA 200.7	5	30			
2021/22-PRE	000NONPJ	matrix spike, rec	9/1/2021	Metal	Iron	Total	=	108	%	EPA 200.7	-88	-88	70	130	
2021/22-PRE	000NONPJ	matrix spike dup	9/1/2021	Metal	Iron	Total	=	220	µg/L	EPA 200.7	5	30			
2021/22-PRE	000NONPJ	matrix spike dup, rec	9/1/2021	Metal	Iron	Total	=	110	%	EPA 200.7	-88	-88	70	130	
2021/22-PRE	000NONPJ	matrix spike, RPD	9/1/2021	Metal	Iron	Total	=	2	%	EPA 200.7	-88	-88	0	30	
2021/22-PRE	000NONPJ	matrix spike	10/4/2021	Metal	Iron	Total	=	1070	µg/L	EPA 200.8	3.9	20			
2021/22-PRE	000NONPJ	matrix spike, rec	10/4/2021	Metal	Iron	Total	=	99	%	EPA 200.8	-88	-88	70	130	
2021/22-PRE	000NONPJ	matrix spike dup	10/4/2021	Metal	Iron	Total	=	1050	µg/L	EPA 200.8	3.9	20			
2021/22-PRE	000NONPJ	matrix spike dup, rec	10/4/2021	Metal	Iron	Total	=	98	%	EPA 200.8	-88	-88	70	130	
2021/22-PRE	000NONPJ	matrix spike, RPD	10/4/2021	Metal	Iron	Total	=	2	%	EPA 200.8	-88	-88	0	30	
2021/22-PRE	hankwater-ultrapur	equip blank	10/4/2021	Metal	Iron	Total	<	3.9	µg/L	EPA 200.8	3.9	20			
2021/22-PRE	Carboy Blank	equip blank	9/1/2021	Metal	Iron	Total	DNQ	7.2	µg/L	EPA 200.7	5	30			
2021/22-PRE	Lab	method blank	9/1/2021	Metal	Iron	Total	<	5	µg/L	EPA 200.7	5	30			
2021/22-PRE	Lab	LCS	9/1/2021	Metal	Iron	Total	=	215	µg/L	EPA 200.7	5	30			
2021/22-PRE	Lab	LCS, rec	9/1/2021	Metal	Iron	Total	=	107	%	EPA 200.7	-88	-88	85	115	
2021/22-PRE	Lab	method blank	10/4/2021	Metal	Iron	Total	<	3.9	µg/L	EPA 200.8	3.9	20			
2021/22-PRE	Lab	LCS	10/4/2021	Metal	Iron	Total	=	1070	µg/L	EPA 200.8	3.9	20			
2021/22-PRE	Lab	LCS, rec	10/4/2021	Metal	Iron	Total	=	102	%	EPA 200.8	-88	-88	85	115	
2021/22-PRE	Tubing Blank	equip blank	9/1/2021	Metal	Iron	Total	DNQ	5.8	µg/L	EPA 200.7	5	30			
2021/22-PRE	Tubing Blank	matrix spike	9/1/2021	Metal	Iron	Total	=	220	µg/L	EPA 200.7	5	30			
2021/22-PRE	Tubing Blank	matrix spike, rec	9/1/2021	Metal	Iron	Total	=	107	%	EPA 200.7	-88	-88	70	130	
2021/22-PRE	Tubing Blank	matrix spike dup	9/1/2021	Metal	Iron	Total	=	223	µg/L	EPA 200.7	5	30			
2021/22-PRE	Tubing Blank	matrix spike dup, rec	9/1/2021	Metal	Iron	Total	=	108	%	EPA 200.7	-88	-88	70	130	
2021/22-PRE	Tubing Blank	matrix spike, RPD	9/1/2021	Metal	Iron	Total	=	0.9	%	EPA 200.7	-88	-88	0	30	
2021/22-PRE	000NONPJ	matrix spike	9/1/2021	Metal	Lead	Total	=	50	µg/L	EPA 200.8	0.083	0.2			
2021/22-PRE	000NONPJ	matrix spike, rec	9/1/2021	Metal	Lead	Total	=	100	%	EPA 200.8	-88	-88	70	130	
2021/22-PRE	000NONPJ	matrix spike dup	9/1/2021	Metal	Lead	Total	=	50.2	µg/L	EPA 200.8	0.083	0.2			
2021/22-PRE	000NONPJ	matrix spike dup, rec	9/1/2021	Metal	Lead	Total	=	100	%	EPA 200.8	-88	-88	70	130	
2021/22-PRE	000NONPJ	matrix spike, RPD	9/1/2021	Metal	Lead	Total	=	0.5	%	EPA 200.8	-88	-88	0	30	
2021/22-PRE	Carboy Blank	equip blank	9/1/2021	Metal	Lead	Total	<	0.083	µg/L	EPA 200.8	0.083	0.2			
2021/22-PRE	Carboy Blank	matrix spike	9/1/2021	Metal	Lead	Total	=	50.2	µg/L	EPA 200.8	0.083	0.2			
2021/22-PRE	Carboy Blank	matrix spike, rec	9/1/2021	Metal	Lead	Total	=	100	%	EPA 200.8	-88	-88	70	130	
2021/22-PRE	Carboy Blank	matrix spike dup	9/1/2021	Metal	Lead	Total	=	49.7	µg/L	EPA 200.8	0.083	0.2			
2021/22-PRE	Carboy Blank	matrix spike dup, rec	9/1/2021	Metal	Lead	Total	=	99	%	EPA 200.8	-88	-88	70	130	
2021/22-PRE	Carboy Blank	matrix spike, RPD	9/1/2021	Metal	Lead	Total	=	1	%	EPA 200.8	-88	-88	0	30	
2021/22-PRE	Lab	method blank	9/1/2021	Metal	Lead	Total	<	0.083	µg/L	EPA 200.8	0.083	0.2			
2021/22-PRE	Lab	LCS	9/1/2021	Metal	Lead	Total	=	50	µg/L	EPA 200.8	0.083	0.2			
2021/22-PRE	Lab	LCS, rec	9/1/2021	Metal	Lead	Total	=	100	%	EPA 200.8	-88	-88	85	115	
2021/22-PRE	Tubing Blank	equip blank	9/1/2021	Metal	Lead	Total	<	0.083	µg/L	EPA 200.8	0.083	0.2			
2021/22-PRE	000NONPJ	matrix spike	9/1/2021	Metal	Mercury	Total	=	921	ng/L	EPA 245.1	17	50			
2021/22-PRE	000NONPJ	matrix spike, rec	9/1/2021	Metal	Mercury	Total	=	92	%	EPA 245.1	-88	-88	70	130	
2021/22-PRE	000NONPJ	matrix spike dup	9/1/2021	Metal	Mercury	Total	=	978	ng/L	EPA 245.1	17	50			
2021/22-PRE	000NONPJ	matrix spike dup, rec	9/1/2021	Metal	Mercury	Total	=	98	%	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	
2021/22-PRE	000NONPJ	matrix spike, RPD	9/1/2021	Metal	Mercury	Total	=	6	%	EPA 245.1	-88	-88	0	20	
2021/22-PRE	Carboy Blank	equip blank	9/1/2021	Metal	Mercury	Total	<	17	ng/L	EPA 245.1	17	50			
2021/22-PRE	Carboy Blank	matrix spike	9/1/2021	Metal	Mercury	Total	=	921	ng/L	EPA 245.1	17	50			
2021/22-PRE	Carboy Blank	matrix spike, rec	9/1/2021	Metal	Mercury	Total	=	92	%	EPA 245.1	-88	-88	70	130	
2021/22-PRE	Carboy Blank	matrix spike dup	9/1/2021	Metal	Mercury	Total	=	964	ng/L	EPA 245.1	17	50			
2021/22-PRE	Carboy Blank	matrix spike dup, rec	9/1/2021	Metal	Mercury	Total	=	96	%	EPA 245.1	-88	-88	70	130	
2021/22-PRE	Carboy Blank	matrix spike, RPD	9/1/2021	Metal	Mercury	Total	=	5	%	EPA 245.1	-88	-88	0	20	
2021/22-PRE	Lab	method blank	9/1/2021	Metal	Mercury	Total	<	17	ng/L	EPA 245.1	17	50			
2021/22-PRE	Lab	LCS	9/1/2021	Metal	Mercury	Total	=	959	ng/L	EPA 245.1	17	50			
2021/22-PRE	Lab	LCS, rec	9/1/2021	Metal	Mercury	Total	=	96	%	EPA 245.1	-88	-88	85	115	
2021/22-PRE	Tubing Blank	equip blank	9/1/2021	Metal	Mercury	Total	<	17	ng/L	EPA 245.1	17	50			
2021/22-PRE	000NONPJ	matrix spike	9/1/2021	Metal	Nickel	Total	=	50.2	µg/L	EPA 200.8	0.16	2			
2021/22-PRE	000NONPJ	matrix spike, rec	9/1/2021	Metal	Nickel	Total	=	99	%	EPA 200.8	-88	-88	70	130	
2021/22-PRE	000NONPJ	matrix spike dup	9/1/2021	Metal	Nickel	Total	=	49.7	µg/L	EPA 200.8	0.16	2			
2021/22-PRE	000NONPJ	matrix spike dup, rec	9/1/2021	Metal	Nickel	Total	=	99	%	EPA 200.8	-88	-88	70	130	
2021/22-PRE	000NONPJ	matrix spike, RPD	9/1/2021	Metal	Nickel	Total	=	1	%	EPA 200.8	-88	-88	0	30	
2021/22-PRE	000NONPJ	matrix spike	10/4/2021	Metal	Nickel	Total	=	47.2	µg/L	EPA 200.8	0.16	2			
2021/22-PRE	000NONPJ	matrix spike, rec	10/4/2021	Metal	Nickel	Total	=	94	%	EPA 200.8	-88	-88	70	130	
2021/22-PRE	000NONPJ	matrix spike dup	10/4/2021	Metal	Nickel	Total	=	47.1	µg/L	EPA 200.8	0.16	2			
2021/22-PRE	000NONPJ	matrix spike dup, rec	10/4/2021	Metal	Nickel	Total	=	94	%	EPA 200.8	-88	-88	70	130	
2021/22-PRE	000NONPJ	matrix spike, RPD	10/4/2021	Metal	Nickel	Total	=	0.2	%	EPA 200.8	-88	-88	0	30	
2021/22-PRE	Blankwater-ultrapur	equip blank	10/4/2021	Metal	Nickel	Total	<	0.16	µg/L	EPA 200.8	0.16	2			
2021/22-PRE	Carboy Blank	equip blank	9/1/2021	Metal	Nickel	Total	DNQ	0.44	µg/L	EPA 200.8	0.16	2			
2021/22-PRE	Carboy Blank	matrix spike	9/1/2021	Metal	Nickel	Total	=	51.8	µg/L	EPA 200.8	0.16	2			
2021/22-PRE	Carboy Blank	matrix spike, rec	9/1/2021	Metal	Nickel	Total	=	103	%	EPA 200.8	-88	-88	70	130	
2021/22-PRE	Carboy Blank	matrix spike dup	9/1/2021	Metal	Nickel	Total	=	52.2	µg/L	EPA 200.8	0.16	2			
2021/22-PRE	Carboy Blank	matrix spike dup, rec	9/1/2021	Metal	Nickel	Total	=	104	%	EPA 200.8	-88	-88	70	130	
2021/22-PRE	Carboy Blank	matrix spike, RPD	9/1/2021	Metal	Nickel	Total	=	0.9	%	EPA 200.8	-88	-88	0	30	
2021/22-PRE	Lab	method blank	9/1/2021	Metal	Nickel	Total	<	0.16	µg/L	EPA 200.8	0.16	2			
2021/22-PRE	Lab	LCS	9/1/2021	Metal	Nickel	Total	=	51.5	µg/L	EPA 200.8	0.16	2			
2021/22-PRE	Lab	LCS, rec	9/1/2021	Metal	Nickel	Total	=	103	%	EPA 200.8	-88	-88	85	115	
2021/22-PRE	Lab	method blank	10/4/2021	Metal	Nickel	Total	<	0.16	µg/L	EPA 200.8	0.16	2			
2021/22-PRE	Lab	LCS	10/4/2021	Metal	Nickel	Total	=	50.4	µg/L	EPA 200.8	0.16	2			
2021/22-PRE	Lab	LCS, rec	10/4/2021	Metal	Nickel	Total	=	101	%	EPA 200.8	-88	-88	85	115	
2021/22-PRE	Tubing Blank	equip blank	9/1/2021	Metal	Nickel	Total	DNQ	0.31	µg/L	EPA 200.8	0.16	2			
2021/22-PRE	000NONPJ	matrix spike	9/1/2021	Metal	Selenium	Total	=	49.2	µg/L	EPA 200.8	0.067	0.4			
2021/22-PRE	000NONPJ	matrix spike, rec	9/1/2021	Metal	Selenium	Total	=	98	%	EPA 200.8	-88	-88	70	130	
2021/22-PRE	000NONPJ	matrix spike dup	9/1/2021	Metal	Selenium	Total	=	49.4	µg/L	EPA 200.8	0.067	0.4			
2021/22-PRE	000NONPJ	matrix spike dup, rec	9/1/2021	Metal	Selenium	Total	=	98	%	EPA 200.8	-88	-88	70	130	
2021/22-PRE	000NONPJ	matrix spike, RPD	9/1/2021	Metal	Selenium	Total	=	0.4	%	EPA 200.8	-88	-88	0	30	
2021/22-PRE	Carboy Blank	equip blank	9/1/2021	Metal	Selenium	Total	<	0.067	µg/L	EPA 200.8	0.067	0.4			
2021/22-PRE	Carboy Blank	matrix spike	9/1/2021	Metal	Selenium	Total	=	49.2	µg/L	EPA 200.8	0.067	0.4			
2021/22-PRE	Carboy Blank	matrix spike, rec	9/1/2021	Metal	Selenium	Total	=	99	%	EPA 200.8	-88	-88	70	130	
2021/22-PRE	Carboy Blank	matrix spike dup	9/1/2021	Metal	Selenium	Total	=	49.8	µg/L	EPA 200.8	0.067	0.4			
2021/22-PRE	Carboy Blank	matrix spike dup, rec	9/1/2021	Metal	Selenium	Total	=	100	%	EPA 200.8	-88	-88	70	130	
2021/22-PRE	Carboy Blank	matrix spike, RPD	9/1/2021	Metal	Selenium	Total	=	1	%	EPA 200.8	-88	-88	0	30	
2021/22-PRE	Lab	method blank	9/1/2021	Metal	Selenium	Total	<	0.067	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	
2021/22-PRE	Lab	LCS	9/1/2021	Metal	Selenium	Total	=	49.6	µg/L	EPA 200.8	0.067	0.4			
2021/22-PRE	Lab	LCS, rec	9/1/2021	Metal	Selenium	Total	=	99	%	EPA 200.8	-88	-88	85	115	
2021/22-PRE	Tubing Blank	equip blank	9/1/2021	Metal	Selenium	Total	<	0.067	µg/L	EPA 200.8	0.067	0.4			
2021/22-PRE	000NONPJ	matrix spike	9/1/2021	Metal	Silver	Total	=	47.7	µg/L	EPA 200.8	0.03	0.2			
2021/22-PRE	000NONPJ	matrix spike, rec	9/1/2021	Metal	Silver	Total	=	95	%	EPA 200.8	-88	-88	70	130	
2021/22-PRE	000NONPJ	matrix spike dup	9/1/2021	Metal	Silver	Total	=	48.5	µg/L	EPA 200.8	0.03	0.2			
2021/22-PRE	000NONPJ	matrix spike dup, rec	9/1/2021	Metal	Silver	Total	=	97	%	EPA 200.8	-88	-88	70	130	
2021/22-PRE	000NONPJ	matrix spike, RPD	9/1/2021	Metal	Silver	Total	=	2	%	EPA 200.8	-88	-88	0	30	
2021/22-PRE	Carboy Blank	equip blank	9/1/2021	Metal	Silver	Total	<	0.03	µg/L	EPA 200.8	0.03	0.2			
2021/22-PRE	Carboy Blank	matrix spike	9/1/2021	Metal	Silver	Total	=	51.4	µg/L	EPA 200.8	0.03	0.2			
2021/22-PRE	Carboy Blank	matrix spike, rec	9/1/2021	Metal	Silver	Total	=	103	%	EPA 200.8	-88	-88	70	130	
2021/22-PRE	Carboy Blank	matrix spike dup	9/1/2021	Metal	Silver	Total	=	51.3	µg/L	EPA 200.8	0.03	0.2			
2021/22-PRE	Carboy Blank	matrix spike dup, rec	9/1/2021	Metal	Silver	Total	=	103	%	EPA 200.8	-88	-88	70	130	
2021/22-PRE	Carboy Blank	matrix spike, RPD	9/1/2021	Metal	Silver	Total	=	0.3	%	EPA 200.8	-88	-88	0	30	
2021/22-PRE	Lab	method blank	9/1/2021	Metal	Silver	Total	<	0.03	µg/L	EPA 200.8	0.03	0.2			
2021/22-PRE	Lab	LCS	9/1/2021	Metal	Silver	Total	=	49.4	µg/L	EPA 200.8	0.03	0.2			
2021/22-PRE	Lab	LCS, rec	9/1/2021	Metal	Silver	Total	=	99	%	EPA 200.8	-88	-88	85	115	
2021/22-PRE	Tubing Blank	equip blank	9/1/2021	Metal	Silver	Total	<	0.03	µg/L	EPA 200.8	0.03	0.2			
2021/22-PRE	000NONPJ	matrix spike	9/1/2021	Metal	Thallium	Total	=	49.9	µg/L	EPA 200.8	0.021	0.2			
2021/22-PRE	000NONPJ	matrix spike, rec	9/1/2021	Metal	Thallium	Total	=	100	%	EPA 200.8	-88	-88	70	130	
2021/22-PRE	000NONPJ	matrix spike dup	9/1/2021	Metal	Thallium	Total	=	49.6	µg/L	EPA 200.8	0.021	0.2			
2021/22-PRE	000NONPJ	matrix spike dup, rec	9/1/2021	Metal	Thallium	Total	=	99	%	EPA 200.8	-88	-88	70	130	
2021/22-PRE	000NONPJ	matrix spike, RPD	9/1/2021	Metal	Thallium	Total	=	0.6	%	EPA 200.8	-88	-88	0	30	
2021/22-PRE	Carboy Blank	equip blank	9/1/2021	Metal	Thallium	Total	<	0.021	µg/L	EPA 200.8	0.021	0.2			
2021/22-PRE	Carboy Blank	matrix spike	9/1/2021	Metal	Thallium	Total	=	49.9	µg/L	EPA 200.8	0.021	0.2			
2021/22-PRE	Carboy Blank	matrix spike, rec	9/1/2021	Metal	Thallium	Total	=	100	%	EPA 200.8	-88	-88	70	130	
2021/22-PRE	Carboy Blank	matrix spike dup	9/1/2021	Metal	Thallium	Total	=	49.6	µg/L	EPA 200.8	0.021	0.2			
2021/22-PRE	Carboy Blank	matrix spike dup, rec	9/1/2021	Metal	Thallium	Total	=	99	%	EPA 200.8	-88	-88	70	130	
2021/22-PRE	Carboy Blank	matrix spike, RPD	9/1/2021	Metal	Thallium	Total	=	0.6	%	EPA 200.8	-88	-88	0	30	
2021/22-PRE	Lab	method blank	9/1/2021	Metal	Thallium	Total	<	0.021	µg/L	EPA 200.8	0.021	0.2			
2021/22-PRE	Lab	LCS	9/1/2021	Metal	Thallium	Total	=	49.5	µg/L	EPA 200.8	0.021	0.2			
2021/22-PRE	Lab	LCS, rec	9/1/2021	Metal	Thallium	Total	=	99	%	EPA 200.8	-88	-88	85	115	
2021/22-PRE	Tubing Blank	equip blank	9/1/2021	Metal	Thallium	Total	<	0.021	µg/L	EPA 200.8	0.021	0.2			
2021/22-PRE	000NONPJ	matrix spike	9/1/2021	Metal	Zinc	Total	=	50.4	µg/L	EPA 200.8	0.8	10			
2021/22-PRE	000NONPJ	matrix spike, rec	9/1/2021	Metal	Zinc	Total	=	98	%	EPA 200.8	-88	-88	70	130	
2021/22-PRE	000NONPJ	matrix spike dup	9/1/2021	Metal	Zinc	Total	=	51	µg/L	EPA 200.8	0.8	10			
2021/22-PRE	000NONPJ	matrix spike dup, rec	9/1/2021	Metal	Zinc	Total	=	99	%	EPA 200.8	-88	-88	70	130	
2021/22-PRE	000NONPJ	matrix spike, RPD	9/1/2021	Metal	Zinc	Total	=	1	%	EPA 200.8	-88	-88	0	30	
2021/22-PRE	000NONPJ	matrix spike	10/4/2021	Metal	Zinc	Total	=	47.6	µg/L	EPA 200.8	0.8	10			
2021/22-PRE	000NONPJ	matrix spike, rec	10/4/2021	Metal	Zinc	Total	=	95	%	EPA 200.8	-88	-88	70	130	
2021/22-PRE	000NONPJ	matrix spike dup	10/4/2021	Metal	Zinc	Total	=	46.8	µg/L	EPA 200.8	0.8	10			
2021/22-PRE	000NONPJ	matrix spike dup, rec	10/4/2021	Metal	Zinc	Total	=	94	%	EPA 200.8	-88	-88	70	130	
2021/22-PRE	000NONPJ	matrix spike, RPD	10/4/2021	Metal	Zinc	Total	=	1	%	EPA 200.8	-88	-88	0	30	
2021/22-PRE	Blankwater-ultrapur	equip blank	10/4/2021	Metal	Zinc	Total	DNQ	0.94	µg/L	EPA 200.8	0.8	10			
2021/22-PRE	Carboy Blank	equip blank	9/1/2021	Metal	Zinc	Total	<	0.8	µg/L	EPA 200.8	0.8	10			
2021/22-PRE	Carboy Blank	matrix spike	9/1/2021	Metal	Zinc	Total	=	51.7	µg/L	EPA 200.8	0.8	10			
2021/22-PRE	Carboy Blank	matrix spike, rec	9/1/2021	Metal	Zinc	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	
2021/22-PRE	Carboy Blank	matrix spike dup	9/1/2021	Metal	Zinc	Total	=	52.8	µg/L	EPA 200.8	0.8	10			
2021/22-PRE	Carboy Blank	matrix spike dup, rec	9/1/2021	Metal	Zinc	Total	=	106	%	EPA 200.8	-88	-88	70	130	
2021/22-PRE	Carboy Blank	matrix spike, RPD	9/1/2021	Metal	Zinc	Total	=	2	%	EPA 200.8	-88	-88	0	30	
2021/22-PRE	Lab	method blank	9/1/2021	Metal	Zinc	Total	<	0.8	µg/L	EPA 200.8	0.8	10			
2021/22-PRE	Lab	LCS	9/1/2021	Metal	Zinc	Total	=	51.9	µg/L	EPA 200.8	0.8	10			
2021/22-PRE	Lab	LCS, rec	9/1/2021	Metal	Zinc	Total	=	104	%	EPA 200.8	-88	-88	85	115	
2021/22-PRE	Lab	method blank	10/4/2021	Metal	Zinc	Total	<	0.8	µg/L	EPA 200.8	0.8	10			
2021/22-PRE	Lab	LCS	10/4/2021	Metal	Zinc	Total	=	49.1	µg/L	EPA 200.8	0.8	10			
2021/22-PRE	Lab	LCS, rec	10/4/2021	Metal	Zinc	Total	=	98	%	EPA 200.8	-88	-88	85	115	
2021/22-PRE	Tubing Blank	equip blank	9/1/2021	Metal	Zinc	Total	DNQ	1.1	µg/L	EPA 200.8	0.8	10			
2021/22-PRE	000NONPJ	matrix spike	9/14/2021	Nutrient	Nitrate + Nitrite as N	n/a	=	2.07	mg/L	EPA 353.2	0.036	0.2			
2021/22-PRE	000NONPJ	matrix spike, rec	9/14/2021	Nutrient	Nitrate + Nitrite as N	n/a	=	100	%	EPA 353.2	-88	-88	90	110	
2021/22-PRE	000NONPJ	matrix spike dup	9/14/2021	Nutrient	Nitrate + Nitrite as N	n/a	=	2.08	mg/L	EPA 353.2	0.036	0.2			
2021/22-PRE	000NONPJ	matrix spike dup, rec	9/14/2021	Nutrient	Nitrate + Nitrite as N	n/a	=	101	%	EPA 353.2	-88	-88	90	110	
2021/22-PRE	000NONPJ	matrix spike, RPD	9/14/2021	Nutrient	Nitrate + Nitrite as N	n/a	=	0.5	%	EPA 353.2	-88	-88	0	20	
2021/22-PRE	Carboy Blank	equip blank	9/14/2021	Nutrient	Nitrate + Nitrite as N	n/a	DNQ	0.045	mg/L	EPA 353.2	0.036	0.2			
2021/22-PRE	Carboy Blank	matrix spike	9/14/2021	Nutrient	Nitrate + Nitrite as N	n/a	=	2.05	mg/L	EPA 353.2	0.036	0.2			
2021/22-PRE	Carboy Blank	matrix spike, rec	9/14/2021	Nutrient	Nitrate + Nitrite as N	n/a	=	100	%	EPA 353.2	-88	-88	90	110	
2021/22-PRE	Carboy Blank	matrix spike dup	9/14/2021	Nutrient	Nitrate + Nitrite as N	n/a	=	2.06	mg/L	EPA 353.2	0.036	0.2			
2021/22-PRE	Carboy Blank	matrix spike dup, rec	9/14/2021	Nutrient	Nitrate + Nitrite as N	n/a	=	101	%	EPA 353.2	-88	-88	90	110	
2021/22-PRE	Carboy Blank	matrix spike, RPD	9/14/2021	Nutrient	Nitrate + Nitrite as N	n/a	=	0.5	%	EPA 353.2	-88	-88	0	20	
2021/22-PRE	Lab	method blank	9/14/2021	Nutrient	Nitrate + Nitrite as N	n/a	<	0.036	mg/L	EPA 353.2	0.036	0.2			
2021/22-PRE	Lab	LCS	9/14/2021	Nutrient	Nitrate + Nitrite as N	n/a	=	1.01	mg/L	EPA 353.2	0.036	0.2			
2021/22-PRE	Lab	LCS, rec	9/14/2021	Nutrient	Nitrate + Nitrite as N	n/a	=	101	%	EPA 353.2	-88	-88	90	110	
2021/22-PRE	Tubing Blank	equip blank	9/14/2021	Nutrient	Nitrate + Nitrite as N	n/a	DNQ	0.05	mg/L	EPA 353.2	0.036	0.2			
2021/22-PRE	000NONPJ	matrix spike	8/26/2021	Organic	1,2,4-Trichlorobenzene	n/a	=	13.3	µg/L	EPA 625.1	0.98	2			DG
2021/22-PRE	000NONPJ	matrix spike, rec	8/26/2021	Organic	1,2,4-Trichlorobenzene	n/a	=	66	%	EPA 625.1	-88	-88	44	142	DG
2021/22-PRE	000NONPJ	matrix spike dup	8/26/2021	Organic	1,2,4-Trichlorobenzene	n/a	=	13.4	µg/L	EPA 625.1	0.98	2			DG
2021/22-PRE	000NONPJ	matrix spike dup, rec	8/26/2021	Organic	1,2,4-Trichlorobenzene	n/a	=	67	%	EPA 625.1	-88	-88	44	142	DG
2021/22-PRE	000NONPJ	matrix spike, RPD	8/26/2021	Organic	1,2,4-Trichlorobenzene	n/a	=	1	%	EPA 625.1	-88	-88	0	30	DG
2021/22-PRE	Carboy Blank	equip blank	8/26/2021	Organic	1,2,4-Trichlorobenzene	n/a	<	0.49	µg/L	EPA 625.1	0.49	1			
2021/22-PRE	Lab	LCS	8/26/2021	Organic	1,2,4-Trichlorobenzene	n/a	=	16.2	µg/L	EPA 625.1	0.49	1			
2021/22-PRE	Lab	LCS, rec	8/26/2021	Organic	1,2,4-Trichlorobenzene	n/a	=	81	%	EPA 625.1	-88	-88	57	130	
2021/22-PRE	Lab	method blank	8/26/2021	Organic	1,2,4-Trichlorobenzene	n/a	<	0.49	µg/L	EPA 625.1	0.49	1			
2021/22-PRE	Tubing Blank	equip blank	8/26/2021	Organic	1,2,4-Trichlorobenzene	n/a	<	0.49	µg/L	EPA 625.1	0.49	1			
2021/22-PRE	000NONPJ	matrix spike	8/26/2021	Organic	1,2-Dichlorobenzene	n/a	=	15.2	µg/L	EPA 625.1	0.92	2			DG
2021/22-PRE	000NONPJ	matrix spike, rec	8/26/2021	Organic	1,2-Dichlorobenzene	n/a	=	76	%	EPA 625.1	-88	-88	51	120	DG
2021/22-PRE	000NONPJ	matrix spike dup	8/26/2021	Organic	1,2-Dichlorobenzene	n/a	=	13.8	µg/L	EPA 625.1	0.92	2			DG
2021/22-PRE	000NONPJ	matrix spike dup, rec	8/26/2021	Organic	1,2-Dichlorobenzene	n/a	=	69	%	EPA 625.1	-88	-88	51	120	DG
2021/22-PRE	000NONPJ	matrix spike, RPD	8/26/2021	Organic	1,2-Dichlorobenzene	n/a	=	9	%	EPA 625.1	-88	-88	0	30	DG
2021/22-PRE	Carboy Blank	equip blank	8/26/2021	Organic	1,2-Dichlorobenzene	n/a	<	0.46	µg/L	EPA 625.1	0.46	1			
2021/22-PRE	Lab	LCS	8/26/2021	Organic	1,2-Dichlorobenzene	n/a	=	15.9	µg/L	EPA 625.1	0.46	1			
2021/22-PRE	Lab	LCS, rec	8/26/2021	Organic	1,2-Dichlorobenzene	n/a	=	80	%	EPA 625.1	-88	-88	57	120	
2021/22-PRE	Lab	method blank	8/26/2021	Organic	1,2-Dichlorobenzene	n/a	<	0.46	µg/L	EPA 625.1	0.46	1			
2021/22-PRE	Tubing Blank	equip blank	8/26/2021	Organic	1,2-Dichlorobenzene	n/a	<	0.46	µg/L	EPA 625.1	0.46	1			
2021/22-PRE	Carboy Blank	equip blank	8/26/2021	Organic	1,2-Diphenylhydrazine	n/a	<	0.3	µg/L	EPA 625.1	0.3	1			
2021/22-PRE	Lab	method blank	8/26/2021	Organic	1,2-Diphenylhydrazine	n/a	<	0.3	µg/L	EPA 625.1	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	
2021/22-PRE	Tubing Blank	equip blank	8/26/2021	Organic	1,2-Diphenylhydrazine	n/a	<	0.3	µg/L	EPA 625.1	0.3	1			
2021/22-PRE	000NONPJ	matrix spike	8/26/2021	Organic	1,3-Dichlorobenzene	n/a	=	12.7	µg/L	EPA 625.1	0.84	2			DG
2021/22-PRE	000NONPJ	matrix spike, rec	8/26/2021	Organic	1,3-Dichlorobenzene	n/a	=	63	%	EPA 625.1	-88	-88	37	120	DG
2021/22-PRE	000NONPJ	matrix spike dup	8/26/2021	Organic	1,3-Dichlorobenzene	n/a	=	11.3	µg/L	EPA 625.1	0.84	2			DG
2021/22-PRE	000NONPJ	matrix spike dup, rec	8/26/2021	Organic	1,3-Dichlorobenzene	n/a	=	57	%	EPA 625.1	-88	-88	37	120	DG
2021/22-PRE	000NONPJ	matrix spike, RPD	8/26/2021	Organic	1,3-Dichlorobenzene	n/a	=	11	%	EPA 625.1	-88	-88	0	30	DG
2021/22-PRE	Carboy Blank	equip blank	8/26/2021	Organic	1,3-Dichlorobenzene	n/a	<	0.42	µg/L	EPA 625.1	0.42	1			
2021/22-PRE	Lab	LCS	8/26/2021	Organic	1,3-Dichlorobenzene	n/a	=	15.6	µg/L	EPA 625.1	0.42	1			
2021/22-PRE	Lab	LCS, rec	8/26/2021	Organic	1,3-Dichlorobenzene	n/a	=	78	%	EPA 625.1	-88	-88	55	120	
2021/22-PRE	Lab	method blank	8/26/2021	Organic	1,3-Dichlorobenzene	n/a	<	0.42	µg/L	EPA 625.1	0.42	1			
2021/22-PRE	Tubing Blank	equip blank	8/26/2021	Organic	1,3-Dichlorobenzene	n/a	<	0.42	µg/L	EPA 625.1	0.42	1			
2021/22-PRE	hankwater-ultrapur	srgt equip blank	10/1/2021	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	5.18	µg/L	EPA 525.2	-88	-88			
2021/22-PRE	hankwater-ultrapur	srgt equip blank, rec	10/1/2021	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	102	%	EPA 525.2	-88	-88	70	130	
2021/22-PRE	Carboy Blank	srgt equip blank	9/10/2021	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	4.87	µg/L	EPA 525.2	-88	-88			
2021/22-PRE	Carboy Blank	srgt equip blank, rec	9/10/2021	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	92	%	EPA 525.2	-88	-88	70	130	
2021/22-PRE	Lab	srgt LCS dup	9/9/2021	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	4.52	µg/L	EPA 525.2	-88	-88			
2021/22-PRE	Lab	srgt LCS dup, rec	9/9/2021	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	90	%	EPA 525.2	-88	-88	70	130	
2021/22-PRE	Lab	srgt LCS	9/10/2021	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	4.32	µg/L	EPA 525.2	-88	-88			
2021/22-PRE	Lab	srgt LCS, rec	9/10/2021	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	86	%	EPA 525.2	-88	-88	70	130	
2021/22-PRE	Lab	srgt method blank	9/10/2021	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	3.6	µg/L	EPA 525.2	-88	-88			
2021/22-PRE	Lab	srgt method blank, rec	9/10/2021	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	72	%	EPA 525.2	-88	-88	70	130	
2021/22-PRE	Lab	srgt method blank	10/1/2021	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	4.86	µg/L	EPA 525.2	-88	-88			
2021/22-PRE	Lab	srgt method blank, rec	10/1/2021	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	97	%	EPA 525.2	-88	-88	70	130	
2021/22-PRE	Lab	srgt LCS	10/1/2021	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	4.9	µg/L	EPA 525.2	-88	-88			
2021/22-PRE	Lab	srgt LCS, rec	10/1/2021	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	98	%	EPA 525.2	-88	-88	70	130	
2021/22-PRE	Lab	srgt LCS dup	10/1/2021	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	5.21	µg/L	EPA 525.2	-88	-88			
2021/22-PRE	Lab	srgt LCS dup, rec	10/1/2021	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	104	%	EPA 525.2	-88	-88	70	130	
2021/22-PRE	Lab	srgt LCS	10/1/2021	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	5.21	µg/L	EPA 525.2	-88	-88			
2021/22-PRE	Lab	srgt LCS, rec	10/1/2021	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	104	%	EPA 525.2	-88	-88	70	130	
2021/22-PRE	Lab	srgt LCS dup	10/1/2021	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	5.14	µg/L	EPA 525.2	-88	-88			
2021/22-PRE	Lab	srgt LCS dup, rec	10/1/2021	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	103	%	EPA 525.2	-88	-88	70	130	
2021/22-PRE	Tubing Blank	srgt equip blank	9/9/2021	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	4.16	µg/L	EPA 525.2	-88	-88			
2021/22-PRE	Tubing Blank	srgt equip blank, rec	9/9/2021	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	81	%	EPA 525.2	-88	-88	70	130	
2021/22-PRE	000NONPJ	matrix spike	8/26/2021	Organic	1,4-Dichlorobenzene	n/a	=	12.5	µg/L	EPA 625.1	0.96	2			DG
2021/22-PRE	000NONPJ	matrix spike, rec	8/26/2021	Organic	1,4-Dichlorobenzene	n/a	=	62	%	EPA 625.1	-88	-88	39	120	DG
2021/22-PRE	000NONPJ	matrix spike dup	8/26/2021	Organic	1,4-Dichlorobenzene	n/a	=	11.1	µg/L	EPA 625.1	0.96	2			DG
2021/22-PRE	000NONPJ	matrix spike dup, rec	8/26/2021	Organic	1,4-Dichlorobenzene	n/a	=	56	%	EPA 625.1	-88	-88	39	120	DG
2021/22-PRE	000NONPJ	matrix spike, RPD	8/26/2021	Organic	1,4-Dichlorobenzene	n/a	=	11	%	EPA 625.1	-88	-88	0	30	DG
2021/22-PRE	Carboy Blank	equip blank	8/26/2021	Organic	1,4-Dichlorobenzene	n/a	<	0.48	µg/L	EPA 625.1	0.48	1			
2021/22-PRE	Lab	LCS	8/26/2021	Organic	1,4-Dichlorobenzene	n/a	=	15.3	µg/L	EPA 625.1	0.48	1			
2021/22-PRE	Lab	LCS, rec	8/26/2021	Organic	1,4-Dichlorobenzene	n/a	=	77	%	EPA 625.1	-88	-88	55	120	
2021/22-PRE	Lab	method blank	8/26/2021	Organic	1,4-Dichlorobenzene	n/a	<	0.48	µg/L	EPA 625.1	0.48	1			
2021/22-PRE	Tubing Blank	equip blank	8/26/2021	Organic	1,4-Dichlorobenzene	n/a	<	0.48	µg/L	EPA 625.1	0.48	1			
2021/22-PRE	000NONPJ	srgt matrix spike	8/26/2021	Organic	2,4,6-Tribromophenol	n/a	=	25.3	µg/L	EPA 625.1	-88	-88			
2021/22-PRE	000NONPJ	srgt matrix spike, rec	8/26/2021	Organic	2,4,6-Tribromophenol	n/a	=	63	%	EPA 625.1	-88	-88	25	120	
2021/22-PRE	000NONPJ	srgt matrix spike dup	8/26/2021	Organic	2,4,6-Tribromophenol	n/a	=	30.1	µg/L	EPA 625.1	-88	-88			
2021/22-PRE	000NONPJ	srgt matrix spike dup, rec	8/26/2021	Organic	2,4,6-Tribromophenol	n/a	=	75	%	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	
2021/22-PRE	Carboy Blank	srgt equip blank	8/26/2021	Organic	2,4,6-Tribromophenol	n/a	=	4.22	µg/L	EPA 625.1	-88	-88			GN
2021/22-PRE	Carboy Blank	srgt equip blank, rec	8/26/2021	Organic	2,4,6-Tribromophenol	n/a	=	11	%	EPA 625.1	-88	-88	25	120	GN
2021/22-PRE	Lab	srgt LCS	8/26/2021	Organic	2,4,6-Tribromophenol	n/a	=	34.9	µg/L	EPA 625.1	-88	-88			
2021/22-PRE	Lab	srgt LCS, rec	8/26/2021	Organic	2,4,6-Tribromophenol	n/a	=	87	%	EPA 625.1	-88	-88	25	120	
2021/22-PRE	Lab	srgt method blank	8/26/2021	Organic	2,4,6-Tribromophenol	n/a	=	28	µg/L	EPA 625.1	-88	-88			
2021/22-PRE	Lab	srgt method blank, rec	8/26/2021	Organic	2,4,6-Tribromophenol	n/a	=	70	%	EPA 625.1	-88	-88	25	120	
2021/22-PRE	Tubing Blank	srgt equip blank	8/26/2021	Organic	2,4,6-Tribromophenol	n/a	=	27.1	µg/L	EPA 625.1	-88	-88			
2021/22-PRE	Tubing Blank	srgt equip blank, rec	8/26/2021	Organic	2,4,6-Tribromophenol	n/a	=	65	%	EPA 625.1	-88	-88	25	120	
2021/22-PRE	000NONPJ	matrix spike	8/26/2021	Organic	2,4,6-Trichlorophenol	n/a	=	15	µg/L	EPA 625.1	0.44	2			DG
2021/22-PRE	000NONPJ	matrix spike, rec	8/26/2021	Organic	2,4,6-Trichlorophenol	n/a	=	75	%	EPA 625.1	-88	-88	37	144	DG
2021/22-PRE	000NONPJ	matrix spike dup	8/26/2021	Organic	2,4,6-Trichlorophenol	n/a	=	16.7	µg/L	EPA 625.1	0.44	2			DG
2021/22-PRE	000NONPJ	matrix spike dup, rec	8/26/2021	Organic	2,4,6-Trichlorophenol	n/a	=	84	%	EPA 625.1	-88	-88	37	144	DG
2021/22-PRE	000NONPJ	matrix spike, RPD	8/26/2021	Organic	2,4,6-Trichlorophenol	n/a	=	11	%	EPA 625.1	-88	-88	0	30	DG
2021/22-PRE	Carboy Blank	equip blank	8/26/2021	Organic	2,4,6-Trichlorophenol	n/a	<	0.22	µg/L	EPA 625.1	0.22	1			
2021/22-PRE	Lab	LCS	8/26/2021	Organic	2,4,6-Trichlorophenol	n/a	=	18.6	µg/L	EPA 625.1	0.22	1			
2021/22-PRE	Lab	LCS, rec	8/26/2021	Organic	2,4,6-Trichlorophenol	n/a	=	93	%	EPA 625.1	-88	-88	52	129	
2021/22-PRE	Lab	method blank	8/26/2021	Organic	2,4,6-Trichlorophenol	n/a	<	0.22	µg/L	EPA 625.1	0.22	1			
2021/22-PRE	Tubing Blank	equip blank	8/26/2021	Organic	2,4,6-Trichlorophenol	n/a	<	0.22	µg/L	EPA 625.1	0.22	1			
2021/22-PRE	000NONPJ	matrix spike	8/26/2021	Organic	2,4-Dichlorophenol	n/a	=	14.7	µg/L	EPA 625.1	0.52	2			DG
2021/22-PRE	000NONPJ	matrix spike, rec	8/26/2021	Organic	2,4-Dichlorophenol	n/a	=	74	%	EPA 625.1	-88	-88	39	135	DG
2021/22-PRE	000NONPJ	matrix spike dup	8/26/2021	Organic	2,4-Dichlorophenol	n/a	=	17.7	µg/L	EPA 625.1	0.52	2			DG
2021/22-PRE	000NONPJ	matrix spike dup, rec	8/26/2021	Organic	2,4-Dichlorophenol	n/a	=	88	%	EPA 625.1	-88	-88	39	135	DG
2021/22-PRE	000NONPJ	matrix spike, RPD	8/26/2021	Organic	2,4-Dichlorophenol	n/a	=	18	%	EPA 625.1	-88	-88	0	30	DG
2021/22-PRE	Carboy Blank	equip blank	8/26/2021	Organic	2,4-Dichlorophenol	n/a	<	0.26	µg/L	EPA 625.1	0.26	1			
2021/22-PRE	Lab	LCS	8/26/2021	Organic	2,4-Dichlorophenol	n/a	=	18.3	µg/L	EPA 625.1	0.26	1			
2021/22-PRE	Lab	LCS, rec	8/26/2021	Organic	2,4-Dichlorophenol	n/a	=	92	%	EPA 625.1	-88	-88	53	122	
2021/22-PRE	Lab	method blank	8/26/2021	Organic	2,4-Dichlorophenol	n/a	<	0.26	µg/L	EPA 625.1	0.26	1			
2021/22-PRE	Tubing Blank	equip blank	8/26/2021	Organic	2,4-Dichlorophenol	n/a	<	0.26	µg/L	EPA 625.1	0.26	1			
2021/22-PRE	000NONPJ	matrix spike	8/26/2021	Organic	2,4-Dimethylphenol	n/a	=	11	µg/L	EPA 625.1	0.6	2			DG
2021/22-PRE	000NONPJ	matrix spike, rec	8/26/2021	Organic	2,4-Dimethylphenol	n/a	=	55	%	EPA 625.1	-88	-88	32	130	DG
2021/22-PRE	000NONPJ	matrix spike dup	8/26/2021	Organic	2,4-Dimethylphenol	n/a	=	11.9	µg/L	EPA 625.1	0.6	2			DG
2021/22-PRE	000NONPJ	matrix spike dup, rec	8/26/2021	Organic	2,4-Dimethylphenol	n/a	=	59	%	EPA 625.1	-88	-88	32	130	DG
2021/22-PRE	000NONPJ	matrix spike, RPD	8/26/2021	Organic	2,4-Dimethylphenol	n/a	=	7	%	EPA 625.1	-88	-88	0	30	DG
2021/22-PRE	Carboy Blank	equip blank	8/26/2021	Organic	2,4-Dimethylphenol	n/a	<	0.3	µg/L	EPA 625.1	0.3	1			
2021/22-PRE	Lab	LCS	8/26/2021	Organic	2,4-Dimethylphenol	n/a	=	17.1	µg/L	EPA 625.1	0.3	1			
2021/22-PRE	Lab	LCS, rec	8/26/2021	Organic	2,4-Dimethylphenol	n/a	=	86	%	EPA 625.1	-88	-88	42	120	
2021/22-PRE	Lab	method blank	8/26/2021	Organic	2,4-Dimethylphenol	n/a	<	0.3	µg/L	EPA 625.1	0.3	1			
2021/22-PRE	Tubing Blank	equip blank	8/26/2021	Organic	2,4-Dimethylphenol	n/a	<	0.3	µg/L	EPA 625.1	0.3	1			
2021/22-PRE	000NONPJ	matrix spike	8/26/2021	Organic	2,4-Dinitrophenol	n/a	=	25.1	µg/L	EPA 625.1	3.7	20			DG
2021/22-PRE	000NONPJ	matrix spike, rec	8/26/2021	Organic	2,4-Dinitrophenol	n/a	=	126	%	EPA 625.1	-88	-88	0.1	191	DG
2021/22-PRE	000NONPJ	matrix spike dup	8/26/2021	Organic	2,4-Dinitrophenol	n/a	=	29.3	µg/L	EPA 625.1	3.7	20			DG
2021/22-PRE	000NONPJ	matrix spike dup, rec	8/26/2021	Organic	2,4-Dinitrophenol	n/a	=	146	%	EPA 625.1	-88	-88	0.1	191	DG
2021/22-PRE	000NONPJ	matrix spike, RPD	8/26/2021	Organic	2,4-Dinitrophenol	n/a	=	15	%	EPA 625.1	-88	-88	0	30	DG
2021/22-PRE	Carboy Blank	equip blank	8/26/2021	Organic	2,4-Dinitrophenol	n/a	<	1.9	µg/L	EPA 625.1	1.9	10			
2021/22-PRE	Lab	LCS	8/26/2021	Organic	2,4-Dinitrophenol	n/a	=	31.2	µg/L	EPA 625.1	1.9	10			
2021/22-PRE	Lab	LCS, rec	8/26/2021	Organic	2,4-Dinitrophenol	n/a	=	156	%	EPA 625.1	-88	-88	0.1	173	
2021/22-PRE	Lab	method blank	8/26/2021	Organic	2,4-Dinitrophenol	n/a	<	1.9	µg/L	EPA 625.1	1.9	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	
2021/22-PRE	Tubing Blank	equip blank	8/26/2021	Organic	2,4-Dinitrophenol	n/a	<	1.9	µg/L	EPA 625.1	1.9	10			
2021/22-PRE	000NONPJ	matrix spike	8/26/2021	Organic	2,4-Dinitrotoluene	n/a	=	14.4	µg/L	EPA 625.1	0.36	2			DG
2021/22-PRE	000NONPJ	matrix spike, rec	8/26/2021	Organic	2,4-Dinitrotoluene	n/a	=	72	%	EPA 625.1	-88	-88	39	139	DG
2021/22-PRE	000NONPJ	matrix spike dup	8/26/2021	Organic	2,4-Dinitrotoluene	n/a	=	17.3	µg/L	EPA 625.1	0.36	2			DG
2021/22-PRE	000NONPJ	matrix spike dup, rec	8/26/2021	Organic	2,4-Dinitrotoluene	n/a	=	87	%	EPA 625.1	-88	-88	39	139	DG
2021/22-PRE	000NONPJ	matrix spike, RPD	8/26/2021	Organic	2,4-Dinitrotoluene	n/a	=	18	%	EPA 625.1	-88	-88	0	30	DG
2021/22-PRE	Carboy Blank	equip blank	8/26/2021	Organic	2,4-Dinitrotoluene	n/a	<	0.18	µg/L	EPA 625.1	0.18	1			
2021/22-PRE	Lab	LCS	8/26/2021	Organic	2,4-Dinitrotoluene	n/a	=	19.2	µg/L	EPA 625.1	0.18	1			
2021/22-PRE	Lab	LCS, rec	8/26/2021	Organic	2,4-Dinitrotoluene	n/a	=	96	%	EPA 625.1	-88	-88	48	127	
2021/22-PRE	Lab	method blank	8/26/2021	Organic	2,4-Dinitrotoluene	n/a	<	0.18	µg/L	EPA 625.1	0.18	1			
2021/22-PRE	Tubing Blank	equip blank	8/26/2021	Organic	2,4-Dinitrotoluene	n/a	<	0.18	µg/L	EPA 625.1	0.18	1			
2021/22-PRE	000NONPJ	matrix spike	8/26/2021	Organic	2,6-Dinitrotoluene	n/a	=	17.3	µg/L	EPA 625.1	0.54	2			DG
2021/22-PRE	000NONPJ	matrix spike, rec	8/26/2021	Organic	2,6-Dinitrotoluene	n/a	=	86	%	EPA 625.1	-88	-88	50	158	DG
2021/22-PRE	000NONPJ	matrix spike dup	8/26/2021	Organic	2,6-Dinitrotoluene	n/a	=	19.6	µg/L	EPA 625.1	0.54	2			DG
2021/22-PRE	000NONPJ	matrix spike dup, rec	8/26/2021	Organic	2,6-Dinitrotoluene	n/a	=	98	%	EPA 625.1	-88	-88	50	158	DG
2021/22-PRE	000NONPJ	matrix spike, RPD	8/26/2021	Organic	2,6-Dinitrotoluene	n/a	=	12	%	EPA 625.1	-88	-88	0	30	DG
2021/22-PRE	Carboy Blank	equip blank	8/26/2021	Organic	2,6-Dinitrotoluene	n/a	<	0.27	µg/L	EPA 625.1	0.27	1			
2021/22-PRE	Lab	LCS	8/26/2021	Organic	2,6-Dinitrotoluene	n/a	=	18.8	µg/L	EPA 625.1	0.27	1			
2021/22-PRE	Lab	LCS, rec	8/26/2021	Organic	2,6-Dinitrotoluene	n/a	=	94	%	EPA 625.1	-88	-88	68	137	
2021/22-PRE	Lab	method blank	8/26/2021	Organic	2,6-Dinitrotoluene	n/a	<	0.27	µg/L	EPA 625.1	0.27	1			
2021/22-PRE	Tubing Blank	equip blank	8/26/2021	Organic	2,6-Dinitrotoluene	n/a	<	0.27	µg/L	EPA 625.1	0.27	1			
2021/22-PRE	000NONPJ	matrix spike	8/26/2021	Organic	2-Chloronaphthalene	n/a	=	14	µg/L	EPA 625.1	0.9	2			DG
2021/22-PRE	000NONPJ	matrix spike, rec	8/26/2021	Organic	2-Chloronaphthalene	n/a	=	70	%	EPA 625.1	-88	-88	60	120	DG
2021/22-PRE	000NONPJ	matrix spike dup	8/26/2021	Organic	2-Chloronaphthalene	n/a	=	15.2	µg/L	EPA 625.1	0.9	2			DG
2021/22-PRE	000NONPJ	matrix spike dup, rec	8/26/2021	Organic	2-Chloronaphthalene	n/a	=	76	%	EPA 625.1	-88	-88	60	120	DG
2021/22-PRE	000NONPJ	matrix spike, RPD	8/26/2021	Organic	2-Chloronaphthalene	n/a	=	8	%	EPA 625.1	-88	-88	0	30	DG
2021/22-PRE	Carboy Blank	equip blank	8/26/2021	Organic	2-Chloronaphthalene	n/a	<	0.45	µg/L	EPA 625.1	0.45	1			
2021/22-PRE	Lab	LCS	8/26/2021	Organic	2-Chloronaphthalene	n/a	=	17.5	µg/L	EPA 625.1	0.45	1			
2021/22-PRE	Lab	LCS, rec	8/26/2021	Organic	2-Chloronaphthalene	n/a	=	87	%	EPA 625.1	-88	-88	65	120	
2021/22-PRE	Lab	method blank	8/26/2021	Organic	2-Chloronaphthalene	n/a	<	0.45	µg/L	EPA 625.1	0.45	1			
2021/22-PRE	Tubing Blank	equip blank	8/26/2021	Organic	2-Chloronaphthalene	n/a	<	0.45	µg/L	EPA 625.1	0.45	1			
2021/22-PRE	000NONPJ	matrix spike	8/26/2021	Organic	2-Chlorophenol	n/a	=	13.5	µg/L	EPA 625.1	0.56	2			DG
2021/22-PRE	000NONPJ	matrix spike, rec	8/26/2021	Organic	2-Chlorophenol	n/a	=	68	%	EPA 625.1	-88	-88	23	134	DG
2021/22-PRE	000NONPJ	matrix spike dup	8/26/2021	Organic	2-Chlorophenol	n/a	=	14.1	µg/L	EPA 625.1	0.56	2			DG
2021/22-PRE	000NONPJ	matrix spike dup, rec	8/26/2021	Organic	2-Chlorophenol	n/a	=	71	%	EPA 625.1	-88	-88	23	134	DG
2021/22-PRE	000NONPJ	matrix spike, RPD	8/26/2021	Organic	2-Chlorophenol	n/a	=	4	%	EPA 625.1	-88	-88	0	30	DG
2021/22-PRE	Carboy Blank	equip blank	8/26/2021	Organic	2-Chlorophenol	n/a	<	0.28	µg/L	EPA 625.1	0.28	1			
2021/22-PRE	Lab	LCS	8/26/2021	Organic	2-Chlorophenol	n/a	=	16.4	µg/L	EPA 625.1	0.28	1			
2021/22-PRE	Lab	LCS, rec	8/26/2021	Organic	2-Chlorophenol	n/a	=	82	%	EPA 625.1	-88	-88	36	120	
2021/22-PRE	Lab	method blank	8/26/2021	Organic	2-Chlorophenol	n/a	<	0.28	µg/L	EPA 625.1	0.28	1			
2021/22-PRE	Tubing Blank	equip blank	8/26/2021	Organic	2-Chlorophenol	n/a	<	0.28	µg/L	EPA 625.1	0.28	1			
2021/22-PRE	000NONPJ	srgt matrix spike	8/26/2021	Organic	2-Fluorobiphenyl	n/a	=	13.1	µg/L	EPA 625.1	-88	-88			
2021/22-PRE	000NONPJ	srgt matrix spike, rec	8/26/2021	Organic	2-Fluorobiphenyl	n/a	=	66	%	EPA 625.1	-88	-88	22	120	
2021/22-PRE	000NONPJ	srgt matrix spike dup	8/26/2021	Organic	2-Fluorobiphenyl	n/a	=	13.9	µg/L	EPA 625.1	-88	-88			
2021/22-PRE	000NONPJ	srgt matrix spike dup, rec	8/26/2021	Organic	2-Fluorobiphenyl	n/a	=	69	%	EPA 625.1	-88	-88	22	120	
2021/22-PRE	Carboy Blank	srgt equip blank	8/26/2021	Organic	2-Fluorobiphenyl	n/a	=	3.15	µg/L	EPA 625.1	-88	-88			GN
2021/22-PRE	Carboy Blank	srgt equip blank, rec	8/26/2021	Organic	2-Fluorobiphenyl	n/a	=	16	%	EPA 625.1	-88	-88	22	120	GN

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2021/22-PRE	Lab	srgt LCS	8/26/2021	Organic	2-Fluorobiphenyl	n/a	=	16.3	µg/L	EPA 625.1	-88	-88			
2021/22-PRE	Lab	srgt LCS, rec	8/26/2021	Organic	2-Fluorobiphenyl	n/a	=	82	%	EPA 625.1	-88	-88	22	120	
2021/22-PRE	Lab	srgt method blank	8/26/2021	Organic	2-Fluorobiphenyl	n/a	=	12.8	µg/L	EPA 625.1	-88	-88			
2021/22-PRE	Lab	srgt method blank, rec	8/26/2021	Organic	2-Fluorobiphenyl	n/a	=	64	%	EPA 625.1	-88	-88	22	120	
2021/22-PRE	Tubing Blank	srgt equip blank	8/26/2021	Organic	2-Fluorobiphenyl	n/a	=	15.3	µg/L	EPA 625.1	-88	-88			
2021/22-PRE	Tubing Blank	srgt equip blank, rec	8/26/2021	Organic	2-Fluorobiphenyl	n/a	=	73	%	EPA 625.1	-88	-88	22	120	
2021/22-PRE	000NONPJ	srgt matrix spike	8/26/2021	Organic	2-Fluorophenol	n/a	=	16.7	µg/L	EPA 625.1	-88	-88			
2021/22-PRE	000NONPJ	srgt matrix spike, rec	8/26/2021	Organic	2-Fluorophenol	n/a	=	42	%	EPA 625.1	-88	-88	17	120	
2021/22-PRE	000NONPJ	srgt matrix spike dup	8/26/2021	Organic	2-Fluorophenol	n/a	=	17.6	µg/L	EPA 625.1	-88	-88			
2021/22-PRE	000NONPJ	srgt matrix spike dup, rec	8/26/2021	Organic	2-Fluorophenol	n/a	=	44	%	EPA 625.1	-88	-88	17	120	
2021/22-PRE	Carboy Blank	srgt equip blank	8/26/2021	Organic	2-Fluorophenol	n/a	=	4.77	µg/L	EPA 625.1	-88	-88			GN
2021/22-PRE	Carboy Blank	srgt equip blank, rec	8/26/2021	Organic	2-Fluorophenol	n/a	=	12	%	EPA 625.1	-88	-88	17	120	GN
2021/22-PRE	Lab	srgt LCS	8/26/2021	Organic	2-Fluorophenol	n/a	=	21.7	µg/L	EPA 625.1	-88	-88			
2021/22-PRE	Lab	srgt LCS, rec	8/26/2021	Organic	2-Fluorophenol	n/a	=	54	%	EPA 625.1	-88	-88	17	120	
2021/22-PRE	Lab	srgt method blank	8/26/2021	Organic	2-Fluorophenol	n/a	=	17.6	µg/L	EPA 625.1	-88	-88			
2021/22-PRE	Lab	srgt method blank, rec	8/26/2021	Organic	2-Fluorophenol	n/a	=	44	%	EPA 625.1	-88	-88	17	120	
2021/22-PRE	Tubing Blank	srgt equip blank	8/26/2021	Organic	2-Fluorophenol	n/a	=	18.9	µg/L	EPA 625.1	-88	-88			
2021/22-PRE	Tubing Blank	srgt equip blank, rec	8/26/2021	Organic	2-Fluorophenol	n/a	=	45	%	EPA 625.1	-88	-88	17	120	
2021/22-PRE	000NONPJ	matrix spike	8/26/2021	Organic	2-Nitrophenol	n/a	=	14.8	µg/L	EPA 625.1	0.52	2			DG
2021/22-PRE	000NONPJ	matrix spike, rec	8/26/2021	Organic	2-Nitrophenol	n/a	=	74	%	EPA 625.1	-88	-88	29	182	DG
2021/22-PRE	000NONPJ	matrix spike dup	8/26/2021	Organic	2-Nitrophenol	n/a	=	15.9	µg/L	EPA 625.1	0.52	2			DG
2021/22-PRE	000NONPJ	matrix spike dup, rec	8/26/2021	Organic	2-Nitrophenol	n/a	=	79	%	EPA 625.1	-88	-88	29	182	DG
2021/22-PRE	000NONPJ	matrix spike, RPD	8/26/2021	Organic	2-Nitrophenol	n/a	=	7	%	EPA 625.1	-88	-88	0	30	DG
2021/22-PRE	Carboy Blank	equip blank	8/26/2021	Organic	2-Nitrophenol	n/a	<	0.26	µg/L	EPA 625.1	0.26	1			
2021/22-PRE	Lab	LCS	8/26/2021	Organic	2-Nitrophenol	n/a	=	18.8	µg/L	EPA 625.1	0.26	1			
2021/22-PRE	Lab	LCS, rec	8/26/2021	Organic	2-Nitrophenol	n/a	=	94	%	EPA 625.1	-88	-88	45	167	
2021/22-PRE	Lab	method blank	8/26/2021	Organic	2-Nitrophenol	n/a	<	0.26	µg/L	EPA 625.1	0.26	1			
2021/22-PRE	Tubing Blank	equip blank	8/26/2021	Organic	2-Nitrophenol	n/a	<	0.26	µg/L	EPA 625.1	0.26	1			
2021/22-PRE	000NONPJ	matrix spike	8/26/2021	Organic	3,3'-Dichlorobenzidine	n/a	<	0	µg/L	EPA 625.1	0	10			GB
2021/22-PRE	000NONPJ	matrix spike, rec	8/26/2021	Organic	3,3'-Dichlorobenzidine	n/a	=	0	%	EPA 625.1	-88	-88	0.1	262	GB
2021/22-PRE	000NONPJ	matrix spike dup	8/26/2021	Organic	3,3'-Dichlorobenzidine	n/a	<	0	µg/L	EPA 625.1	0	10			GB
2021/22-PRE	000NONPJ	matrix spike dup, rec	8/26/2021	Organic	3,3'-Dichlorobenzidine	n/a	=	0	%	EPA 625.1	-88	-88	0.1	262	GB
2021/22-PRE	000NONPJ	matrix spike, RPD	8/26/2021	Organic	3,3'-Dichlorobenzidine	n/a	=	0	%	EPA 625.1	-88	-88	0	30	GB
2021/22-PRE	Carboy Blank	equip blank	8/26/2021	Organic	3,3'-Dichlorobenzidine	n/a	<	0.99	µg/L	EPA 625.1	0.99	5			
2021/22-PRE	Lab	LCS	8/26/2021	Organic	3,3'-Dichlorobenzidine	n/a	=	18.9	µg/L	EPA 625.1	0.99	5			
2021/22-PRE	Lab	LCS, rec	8/26/2021	Organic	3,3'-Dichlorobenzidine	n/a	=	94	%	EPA 625.1	-88	-88	8	213	
2021/22-PRE	Lab	method blank	8/26/2021	Organic	3,3'-Dichlorobenzidine	n/a	<	0.99	µg/L	EPA 625.1	0.99	5			
2021/22-PRE	Tubing Blank	equip blank	8/26/2021	Organic	3,3'-Dichlorobenzidine	n/a	<	0.99	µg/L	EPA 625.1	0.99	5			
2021/22-PRE	000NONPJ	matrix spike	8/26/2021	Organic	4,6-Dinitro-2-methylphenol	n/a	=	17.8	µg/L	EPA 625.1	2.8	10			DG
2021/22-PRE	000NONPJ	matrix spike, rec	8/26/2021	Organic	4,6-Dinitro-2-methylphenol	n/a	=	89	%	EPA 625.1	-88	-88	0.1	181	DG
2021/22-PRE	000NONPJ	matrix spike dup	8/26/2021	Organic	4,6-Dinitro-2-methylphenol	n/a	=	21.4	µg/L	EPA 625.1	2.8	10			DG
2021/22-PRE	000NONPJ	matrix spike dup, rec	8/26/2021	Organic	4,6-Dinitro-2-methylphenol	n/a	=	107	%	EPA 625.1	-88	-88	0.1	181	DG
2021/22-PRE	000NONPJ	matrix spike, RPD	8/26/2021	Organic	4,6-Dinitro-2-methylphenol	n/a	=	18	%	EPA 625.1	-88	-88	0	30	DG
2021/22-PRE	Carboy Blank	equip blank	8/26/2021	Organic	4,6-Dinitro-2-methylphenol	n/a	<	1.4	µg/L	EPA 625.1	1.4	5			
2021/22-PRE	Lab	LCS	8/26/2021	Organic	4,6-Dinitro-2-methylphenol	n/a	=	24	µg/L	EPA 625.1	1.4	5			
2021/22-PRE	Lab	LCS, rec	8/26/2021	Organic	4,6-Dinitro-2-methylphenol	n/a	=	120	%	EPA 625.1	-88	-88	53	130	
2021/22-PRE	Lab	method blank	8/26/2021	Organic	4,6-Dinitro-2-methylphenol	n/a	<	1.4	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	
2021/22-PRE	Tubing Blank	equip blank	8/26/2021	Organic	4,6-Dinitro-2-methylphenol	n/a	<	1.4	µg/L	EPA 625.1	1.4	5			
2021/22-PRE	000NONPJ	matrix spike	8/26/2021	Organic	4-Bromophenyl phenyl ether	n/a	=	13.4	µg/L	EPA 625.1	0.72	2			DG
2021/22-PRE	000NONPJ	matrix spike, rec	8/26/2021	Organic	4-Bromophenyl phenyl ether	n/a	=	67	%	EPA 625.1	-88	-88	53	127	DG
2021/22-PRE	000NONPJ	matrix spike dup	8/26/2021	Organic	4-Bromophenyl phenyl ether	n/a	=	15	µg/L	EPA 625.1	0.72	2			DG
2021/22-PRE	000NONPJ	matrix spike dup, rec	8/26/2021	Organic	4-Bromophenyl phenyl ether	n/a	=	75	%	EPA 625.1	-88	-88	53	127	DG
2021/22-PRE	000NONPJ	matrix spike, RPD	8/26/2021	Organic	4-Bromophenyl phenyl ether	n/a	=	11	%	EPA 625.1	-88	-88	0	30	DG
2021/22-PRE	Carboy Blank	equip blank	8/26/2021	Organic	4-Bromophenyl phenyl ether	n/a	<	0.36	µg/L	EPA 625.1	0.36	1			
2021/22-PRE	Lab	LCS	8/26/2021	Organic	4-Bromophenyl phenyl ether	n/a	=	18.3	µg/L	EPA 625.1	0.36	1			
2021/22-PRE	Lab	LCS, rec	8/26/2021	Organic	4-Bromophenyl phenyl ether	n/a	=	91	%	EPA 625.1	-88	-88	65	120	
2021/22-PRE	Lab	method blank	8/26/2021	Organic	4-Bromophenyl phenyl ether	n/a	<	0.36	µg/L	EPA 625.1	0.36	1			
2021/22-PRE	Tubing Blank	equip blank	8/26/2021	Organic	4-Bromophenyl phenyl ether	n/a	<	0.36	µg/L	EPA 625.1	0.36	1			
2021/22-PRE	000NONPJ	matrix spike	8/26/2021	Organic	4-Chloro-3-methylphenol	n/a	=	18.2	µg/L	EPA 625.1	0.46	2			DG
2021/22-PRE	000NONPJ	matrix spike, rec	8/26/2021	Organic	4-Chloro-3-methylphenol	n/a	=	91	%	EPA 625.1	-88	-88	22	147	DG
2021/22-PRE	000NONPJ	matrix spike dup	8/26/2021	Organic	4-Chloro-3-methylphenol	n/a	=	20.4	µg/L	EPA 625.1	0.46	2			DG
2021/22-PRE	000NONPJ	matrix spike dup, rec	8/26/2021	Organic	4-Chloro-3-methylphenol	n/a	=	102	%	EPA 625.1	-88	-88	22	147	DG
2021/22-PRE	000NONPJ	matrix spike, RPD	8/26/2021	Organic	4-Chloro-3-methylphenol	n/a	=	11	%	EPA 625.1	-88	-88	0	30	DG
2021/22-PRE	Carboy Blank	equip blank	8/26/2021	Organic	4-Chloro-3-methylphenol	n/a	<	0.23	µg/L	EPA 625.1	0.23	1			
2021/22-PRE	Lab	LCS	8/26/2021	Organic	4-Chloro-3-methylphenol	n/a	=	21	µg/L	EPA 625.1	0.23	1			
2021/22-PRE	Lab	LCS, rec	8/26/2021	Organic	4-Chloro-3-methylphenol	n/a	=	105	%	EPA 625.1	-88	-88	41	128	
2021/22-PRE	Lab	method blank	8/26/2021	Organic	4-Chloro-3-methylphenol	n/a	<	0.23	µg/L	EPA 625.1	0.23	1			
2021/22-PRE	Tubing Blank	equip blank	8/26/2021	Organic	4-Chloro-3-methylphenol	n/a	<	0.23	µg/L	EPA 625.1	0.23	1			
2021/22-PRE	000NONPJ	matrix spike	8/26/2021	Organic	4-Chlorophenyl phenyl ether	n/a	=	12.9	µg/L	EPA 625.1	0.82	2			DG
2021/22-PRE	000NONPJ	matrix spike, rec	8/26/2021	Organic	4-Chlorophenyl phenyl ether	n/a	=	65	%	EPA 625.1	-88	-88	25	158	DG
2021/22-PRE	000NONPJ	matrix spike dup	8/26/2021	Organic	4-Chlorophenyl phenyl ether	n/a	=	14.2	µg/L	EPA 625.1	0.82	2			DG
2021/22-PRE	000NONPJ	matrix spike dup, rec	8/26/2021	Organic	4-Chlorophenyl phenyl ether	n/a	=	71	%	EPA 625.1	-88	-88	25	158	DG
2021/22-PRE	000NONPJ	matrix spike, RPD	8/26/2021	Organic	4-Chlorophenyl phenyl ether	n/a	=	10	%	EPA 625.1	-88	-88	0	30	DG
2021/22-PRE	Carboy Blank	equip blank	8/26/2021	Organic	4-Chlorophenyl phenyl ether	n/a	<	0.41	µg/L	EPA 625.1	0.41	1			
2021/22-PRE	Lab	LCS	8/26/2021	Organic	4-Chlorophenyl phenyl ether	n/a	=	16.2	µg/L	EPA 625.1	0.41	1			
2021/22-PRE	Lab	LCS, rec	8/26/2021	Organic	4-Chlorophenyl phenyl ether	n/a	=	81	%	EPA 625.1	-88	-88	38	145	
2021/22-PRE	Lab	method blank	8/26/2021	Organic	4-Chlorophenyl phenyl ether	n/a	<	0.41	µg/L	EPA 625.1	0.41	1			
2021/22-PRE	Tubing Blank	equip blank	8/26/2021	Organic	4-Chlorophenyl phenyl ether	n/a	<	0.41	µg/L	EPA 625.1	0.41	1			
2021/22-PRE	000NONPJ	matrix spike	8/26/2021	Organic	4-Nitrophenol	n/a	DNQ	8.63	µg/L	EPA 625.1	2.5	10			DG
2021/22-PRE	000NONPJ	matrix spike, rec	8/26/2021	Organic	4-Nitrophenol	n/a	=	43	%	EPA 625.1	-88	-88	0.1	132	DG
2021/22-PRE	000NONPJ	matrix spike dup	8/26/2021	Organic	4-Nitrophenol	n/a	=	10.9	µg/L	EPA 625.1	2.5	10			DG
2021/22-PRE	000NONPJ	matrix spike dup, rec	8/26/2021	Organic	4-Nitrophenol	n/a	=	55	%	EPA 625.1	-88	-88	0.1	132	DG
2021/22-PRE	000NONPJ	matrix spike, RPD	8/26/2021	Organic	4-Nitrophenol	n/a	=	24	%	EPA 625.1	-88	-88	0	30	DG
2021/22-PRE	Carboy Blank	equip blank	8/26/2021	Organic	4-Nitrophenol	n/a	<	1.2	µg/L	EPA 625.1	1.2	5			
2021/22-PRE	Lab	LCS	8/26/2021	Organic	4-Nitrophenol	n/a	=	12.7	µg/L	EPA 625.1	1.2	5			
2021/22-PRE	Lab	LCS, rec	8/26/2021	Organic	4-Nitrophenol	n/a	=	63	%	EPA 625.1	-88	-88	13	129	
2021/22-PRE	Lab	method blank	8/26/2021	Organic	4-Nitrophenol	n/a	<	1.2	µg/L	EPA 625.1	1.2	5			
2021/22-PRE	Tubing Blank	equip blank	8/26/2021	Organic	4-Nitrophenol	n/a	<	1.2	µg/L	EPA 625.1	1.2	5			
2021/22-PRE	000NONPJ	matrix spike	8/26/2021	Organic	Acenaphthene	n/a	=	14.6	µg/L	EPA 625.1	0.76	2			DG
2021/22-PRE	000NONPJ	matrix spike, rec	8/26/2021	Organic	Acenaphthene	n/a	=	73	%	EPA 625.1	-88	-88	47	145	DG
2021/22-PRE	000NONPJ	matrix spike dup	8/26/2021	Organic	Acenaphthene	n/a	=	15.1	µg/L	EPA 625.1	0.76	2			DG
2021/22-PRE	000NONPJ	matrix spike dup, rec	8/26/2021	Organic	Acenaphthene	n/a	=	76	%	EPA 625.1	-88	-88	47	145	DG
2021/22-PRE	000NONPJ	matrix spike, RPD	8/26/2021	Organic	Acenaphthene	n/a	=	4	%	EPA 625.1	-88	-88	0	30	DG
2021/22-PRE	Carboy Blank	equip blank	8/26/2021	Organic	Acenaphthene	n/a	<	0.38	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	
2021/22-PRE	Lab	LCS	8/26/2021	Organic	Acenaphthene	n/a	=	18.2	µg/L	EPA 625.1	0.38	1			
2021/22-PRE	Lab	LCS, rec	8/26/2021	Organic	Acenaphthene	n/a	=	91	%	EPA 625.1	-88	-88	60	132	
2021/22-PRE	Lab	method blank	8/26/2021	Organic	Acenaphthene	n/a	<	0.38	µg/L	EPA 625.1	0.38	1			
2021/22-PRE	Tubing Blank	equip blank	8/26/2021	Organic	Acenaphthene	n/a	<	0.38	µg/L	EPA 625.1	0.38	1			
2021/22-PRE	000NONPJ	matrix spike	8/26/2021	Organic	Acenaphthylene	n/a	=	13.4	µg/L	EPA 625.1	0.34	2			DG
2021/22-PRE	000NONPJ	matrix spike, rec	8/26/2021	Organic	Acenaphthylene	n/a	=	67	%	EPA 625.1	-88	-88	33	145	DG
2021/22-PRE	000NONPJ	matrix spike dup	8/26/2021	Organic	Acenaphthylene	n/a	=	14.9	µg/L	EPA 625.1	0.34	2			DG
2021/22-PRE	000NONPJ	matrix spike dup, rec	8/26/2021	Organic	Acenaphthylene	n/a	=	75	%	EPA 625.1	-88	-88	33	145	DG
2021/22-PRE	000NONPJ	matrix spike, RPD	8/26/2021	Organic	Acenaphthylene	n/a	=	11	%	EPA 625.1	-88	-88	0	30	DG
2021/22-PRE	Carboy Blank	equip blank	8/26/2021	Organic	Acenaphthylene	n/a	<	0.17	µg/L	EPA 625.1	0.17	1			
2021/22-PRE	Lab	LCS	8/26/2021	Organic	Acenaphthylene	n/a	=	18.2	µg/L	EPA 625.1	0.17	1			
2021/22-PRE	Lab	LCS, rec	8/26/2021	Organic	Acenaphthylene	n/a	=	91	%	EPA 625.1	-88	-88	54	126	
2021/22-PRE	Lab	method blank	8/26/2021	Organic	Acenaphthylene	n/a	<	0.17	µg/L	EPA 625.1	0.17	1			
2021/22-PRE	Tubing Blank	equip blank	8/26/2021	Organic	Acenaphthylene	n/a	<	0.17	µg/L	EPA 625.1	0.17	1			
2021/22-PRE	000NONPJ	matrix spike	8/26/2021	Organic	Anthracene	n/a	=	14.7	µg/L	EPA 625.1	0.24	2			DG
2021/22-PRE	000NONPJ	matrix spike, rec	8/26/2021	Organic	Anthracene	n/a	=	74	%	EPA 625.1	-88	-88	27	133	DG
2021/22-PRE	000NONPJ	matrix spike dup	8/26/2021	Organic	Anthracene	n/a	=	15.5	µg/L	EPA 625.1	0.24	2			DG
2021/22-PRE	000NONPJ	matrix spike dup, rec	8/26/2021	Organic	Anthracene	n/a	=	78	%	EPA 625.1	-88	-88	27	133	DG
2021/22-PRE	000NONPJ	matrix spike, RPD	8/26/2021	Organic	Anthracene	n/a	=	5	%	EPA 625.1	-88	-88	0	30	DG
2021/22-PRE	Carboy Blank	equip blank	8/26/2021	Organic	Anthracene	n/a	<	0.12	µg/L	EPA 625.1	0.12	1			
2021/22-PRE	Lab	LCS	8/26/2021	Organic	Anthracene	n/a	=	18.2	µg/L	EPA 625.1	0.12	1			
2021/22-PRE	Lab	LCS, rec	8/26/2021	Organic	Anthracene	n/a	=	91	%	EPA 625.1	-88	-88	43	120	
2021/22-PRE	Lab	method blank	8/26/2021	Organic	Anthracene	n/a	<	0.12	µg/L	EPA 625.1	0.12	1			
2021/22-PRE	Tubing Blank	equip blank	8/26/2021	Organic	Anthracene	n/a	<	0.12	µg/L	EPA 625.1	0.12	1			
2021/22-PRE	000NONPJ	matrix spike	8/26/2021	Organic	Benz(a)anthracene	n/a	=	18.6	µg/L	EPA 625.1	0.38	2			DG
2021/22-PRE	000NONPJ	matrix spike, rec	8/26/2021	Organic	Benz(a)anthracene	n/a	=	93	%	EPA 625.1	-88	-88	33	143	DG
2021/22-PRE	000NONPJ	matrix spike dup	8/26/2021	Organic	Benz(a)anthracene	n/a	=	19	µg/L	EPA 625.1	0.38	2			DG
2021/22-PRE	000NONPJ	matrix spike dup, rec	8/26/2021	Organic	Benz(a)anthracene	n/a	=	95	%	EPA 625.1	-88	-88	33	143	DG
2021/22-PRE	000NONPJ	matrix spike, RPD	8/26/2021	Organic	Benz(a)anthracene	n/a	=	2	%	EPA 625.1	-88	-88	0	30	DG
2021/22-PRE	Carboy Blank	equip blank	8/26/2021	Organic	Benz(a)anthracene	n/a	<	0.19	µg/L	EPA 625.1	0.19	1			
2021/22-PRE	Lab	LCS	8/26/2021	Organic	Benz(a)anthracene	n/a	=	19.7	µg/L	EPA 625.1	0.19	1			
2021/22-PRE	Lab	LCS, rec	8/26/2021	Organic	Benz(a)anthracene	n/a	=	98	%	EPA 625.1	-88	-88	42	133	
2021/22-PRE	Lab	method blank	8/26/2021	Organic	Benz(a)anthracene	n/a	<	0.19	µg/L	EPA 625.1	0.19	1			
2021/22-PRE	Tubing Blank	equip blank	8/26/2021	Organic	Benz(a)anthracene	n/a	<	0.19	µg/L	EPA 625.1	0.19	1			
2021/22-PRE	Carboy Blank	equip blank	8/26/2021	Organic	Benzidine	n/a	<	1.4	µg/L	EPA 625.1	1.4	10			
2021/22-PRE	Lab	method blank	8/26/2021	Organic	Benzidine	n/a	<	1.4	µg/L	EPA 625.1	1.4	10			
2021/22-PRE	Tubing Blank	equip blank	8/26/2021	Organic	Benzidine	n/a	<	1.4	µg/L	EPA 625.1	1.4	10			
2021/22-PRE	000NONPJ	matrix spike	8/26/2021	Organic	Benzo(a)pyrene	n/a	=	20.6	µg/L	EPA 625.1	0.78	2			DG
2021/22-PRE	000NONPJ	matrix spike, rec	8/26/2021	Organic	Benzo(a)pyrene	n/a	=	103	%	EPA 625.1	-88	-88	17	163	DG
2021/22-PRE	000NONPJ	matrix spike dup	8/26/2021	Organic	Benzo(a)pyrene	n/a	=	20.5	µg/L	EPA 625.1	0.78	2			DG
2021/22-PRE	000NONPJ	matrix spike dup, rec	8/26/2021	Organic	Benzo(a)pyrene	n/a	=	102	%	EPA 625.1	-88	-88	17	163	DG
2021/22-PRE	000NONPJ	matrix spike, RPD	8/26/2021	Organic	Benzo(a)pyrene	n/a	=	0.5	%	EPA 625.1	-88	-88	0	30	DG
2021/22-PRE	hankwater-ultrapur	equip blank	10/1/2021	Organic	Benzo(a)pyrene	n/a	<	0.02	µg/L	EPA 525.2	0.02	0.1			
2021/22-PRE	Carboy Blank	equip blank	8/26/2021	Organic	Benzo(a)pyrene	n/a	<	0.39	µg/L	EPA 625.1	0.39	1			
2021/22-PRE	Carboy Blank	equip blank	9/10/2021	Organic	Benzo(a)pyrene	n/a	<	0.02	µg/L	EPA 525.2	0.02	0.1			
2021/22-PRE	Lab	LCS	8/26/2021	Organic	Benzo(a)pyrene	n/a	=	23.2	µg/L	EPA 625.1	0.39	1			
2021/22-PRE	Lab	LCS, rec	8/26/2021	Organic	Benzo(a)pyrene	n/a	=	116	%	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	
2021/22-PRE	Lab	method blank	8/26/2021	Organic	Benzo(a)pyrene	n/a	<	0.39	µg/L	EPA 625.1	0.39	1			
2021/22-PRE	Lab	LCS dup	9/9/2021	Organic	Benzo(a)pyrene	n/a	=	5.45	µg/L	EPA 525.2	0.02	0.1			
2021/22-PRE	Lab	LCS dup, rec	9/9/2021	Organic	Benzo(a)pyrene	n/a	=	109	%	EPA 525.2	-88	-88	60	130	
2021/22-PRE	Lab	LCS, RPD	9/9/2021	Organic	Benzo(a)pyrene	n/a	=	1	%	EPA 525.2	-88	-88	0	30	
2021/22-PRE	Lab	LCS	9/10/2021	Organic	Benzo(a)pyrene	n/a	=	5.4	µg/L	EPA 525.2	0.02	0.1			
2021/22-PRE	Lab	LCS, rec	9/10/2021	Organic	Benzo(a)pyrene	n/a	=	108	%	EPA 525.2	-88	-88	60	130	
2021/22-PRE	Lab	method blank	9/10/2021	Organic	Benzo(a)pyrene	n/a	<	0.02	µg/L	EPA 525.2	0.02	0.1			
2021/22-PRE	Lab	method blank	10/1/2021	Organic	Benzo(a)pyrene	n/a	<	0.02	µg/L	EPA 525.2	0.02	0.1			
2021/22-PRE	Lab	LCS	10/1/2021	Organic	Benzo(a)pyrene	n/a	=	5.66	µg/L	EPA 525.2	0.02	0.1			
2021/22-PRE	Lab	LCS, rec	10/1/2021	Organic	Benzo(a)pyrene	n/a	=	113	%	EPA 525.2	-88	-88	60	130	
2021/22-PRE	Lab	LCS dup	10/1/2021	Organic	Benzo(a)pyrene	n/a	=	5.63	µg/L	EPA 525.2	0.02	0.1			
2021/22-PRE	Lab	LCS dup, rec	10/1/2021	Organic	Benzo(a)pyrene	n/a	=	113	%	EPA 525.2	-88	-88	60	130	
2021/22-PRE	Lab	LCS, RPD	10/1/2021	Organic	Benzo(a)pyrene	n/a	=	0.5	%	EPA 525.2	-88	-88	0	30	
2021/22-PRE	Tubing Blank	equip blank	8/26/2021	Organic	Benzo(a)pyrene	n/a	<	0.39	µg/L	EPA 625.1	0.39	1			
2021/22-PRE	Tubing Blank	equip blank	9/9/2021	Organic	Benzo(a)pyrene	n/a	DNQ	0.039	µg/L	EPA 525.2	0.02	0.1			
2021/22-PRE	000NONPJ	matrix spike	8/26/2021	Organic	Benzo(b)fluoranthene	n/a	=	21.2	µg/L	EPA 625.1	0.92	2			DG
2021/22-PRE	000NONPJ	matrix spike, rec	8/26/2021	Organic	Benzo(b)fluoranthene	n/a	=	106	%	EPA 625.1	-88	-88	24	159	DG
2021/22-PRE	000NONPJ	matrix spike dup	8/26/2021	Organic	Benzo(b)fluoranthene	n/a	=	20.9	µg/L	EPA 625.1	0.92	2			DG
2021/22-PRE	000NONPJ	matrix spike dup, rec	8/26/2021	Organic	Benzo(b)fluoranthene	n/a	=	105	%	EPA 625.1	-88	-88	24	159	DG
2021/22-PRE	000NONPJ	matrix spike, RPD	8/26/2021	Organic	Benzo(b)fluoranthene	n/a	=	1	%	EPA 625.1	-88	-88	0	30	DG
2021/22-PRE	Carboy Blank	equip blank	8/26/2021	Organic	Benzo(b)fluoranthene	n/a	<	0.46	µg/L	EPA 625.1	0.46	1			
2021/22-PRE	Lab	LCS	8/26/2021	Organic	Benzo(b)fluoranthene	n/a	=	22.7	µg/L	EPA 625.1	0.46	1			
2021/22-PRE	Lab	LCS, rec	8/26/2021	Organic	Benzo(b)fluoranthene	n/a	=	114	%	EPA 625.1	-88	-88	42	140	
2021/22-PRE	Lab	method blank	8/26/2021	Organic	Benzo(b)fluoranthene	n/a	<	0.46	µg/L	EPA 625.1	0.46	1			
2021/22-PRE	Tubing Blank	equip blank	8/26/2021	Organic	Benzo(b)fluoranthene	n/a	<	0.46	µg/L	EPA 625.1	0.46	1			
2021/22-PRE	000NONPJ	matrix spike	8/26/2021	Organic	Benzo(g,h,i)perylene	n/a	=	19.1	µg/L	EPA 625.1	0.84	4			DG
2021/22-PRE	000NONPJ	matrix spike, rec	8/26/2021	Organic	Benzo(g,h,i)perylene	n/a	=	96	%	EPA 625.1	-88	-88	0.1	219	DG
2021/22-PRE	000NONPJ	matrix spike dup	8/26/2021	Organic	Benzo(g,h,i)perylene	n/a	=	18.3	µg/L	EPA 625.1	0.84	4			DG
2021/22-PRE	000NONPJ	matrix spike dup, rec	8/26/2021	Organic	Benzo(g,h,i)perylene	n/a	=	91	%	EPA 625.1	-88	-88	0.1	219	DG
2021/22-PRE	000NONPJ	matrix spike, RPD	8/26/2021	Organic	Benzo(g,h,i)perylene	n/a	=	4	%	EPA 625.1	-88	-88	0	30	DG
2021/22-PRE	Carboy Blank	equip blank	8/26/2021	Organic	Benzo(g,h,i)perylene	n/a	<	0.42	µg/L	EPA 625.1	0.42	2			
2021/22-PRE	Lab	LCS	8/26/2021	Organic	Benzo(g,h,i)perylene	n/a	=	23.2	µg/L	EPA 625.1	0.42	2			
2021/22-PRE	Lab	LCS, rec	8/26/2021	Organic	Benzo(g,h,i)perylene	n/a	=	116	%	EPA 625.1	-88	-88	0.1	195	
2021/22-PRE	Lab	method blank	8/26/2021	Organic	Benzo(g,h,i)perylene	n/a	<	0.42	µg/L	EPA 625.1	0.42	2			
2021/22-PRE	Tubing Blank	equip blank	8/26/2021	Organic	Benzo(g,h,i)perylene	n/a	<	0.42	µg/L	EPA 625.1	0.42	2			
2021/22-PRE	000NONPJ	matrix spike	8/26/2021	Organic	Benzo(k)fluoranthene	n/a	=	18.3	µg/L	EPA 625.1	0.44	2			DG
2021/22-PRE	000NONPJ	matrix spike, rec	8/26/2021	Organic	Benzo(k)fluoranthene	n/a	=	91	%	EPA 625.1	-88	-88	11	162	DG
2021/22-PRE	000NONPJ	matrix spike dup	8/26/2021	Organic	Benzo(k)fluoranthene	n/a	=	18.4	µg/L	EPA 625.1	0.44	2			DG
2021/22-PRE	000NONPJ	matrix spike dup, rec	8/26/2021	Organic	Benzo(k)fluoranthene	n/a	=	92	%	EPA 625.1	-88	-88	11	162	DG
2021/22-PRE	000NONPJ	matrix spike, RPD	8/26/2021	Organic	Benzo(k)fluoranthene	n/a	=	0.9	%	EPA 625.1	-88	-88	0	30	DG
2021/22-PRE	Carboy Blank	equip blank	8/26/2021	Organic	Benzo(k)fluoranthene	n/a	<	0.22	µg/L	EPA 625.1	0.22	1			
2021/22-PRE	Lab	LCS	8/26/2021	Organic	Benzo(k)fluoranthene	n/a	=	20.7	µg/L	EPA 625.1	0.22	1			
2021/22-PRE	Lab	LCS, rec	8/26/2021	Organic	Benzo(k)fluoranthene	n/a	=	103	%	EPA 625.1	-88	-88	25	146	
2021/22-PRE	Lab	method blank	8/26/2021	Organic	Benzo(k)fluoranthene	n/a	<	0.22	µg/L	EPA 625.1	0.22	1			
2021/22-PRE	Tubing Blank	equip blank	8/26/2021	Organic	Benzo(k)fluoranthene	n/a	<	0.22	µg/L	EPA 625.1	0.22	1			
2021/22-PRE	000NONPJ	matrix spike	8/26/2021	Organic	Bis(2-chloroethoxy)methane	n/a	=	15.9	µg/L	EPA 625.1	0.5	2			DG
2021/22-PRE	000NONPJ	matrix spike, rec	8/26/2021	Organic	Bis(2-chloroethoxy)methane	n/a	=	80	%	EPA 625.1	-88	-88	33	184	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	
2021/22-PRE	000NONPJ	matrix spike dup	8/26/2021	Organic	Bis(2-chloroethoxy)methane	n/a	=	16.9	µg/L	EPA 625.1	0.5	2			DG
2021/22-PRE	000NONPJ	matrix spike dup, rec	8/26/2021	Organic	Bis(2-chloroethoxy)methane	n/a	=	85	%	EPA 625.1	-88	-88	33	184	DG
2021/22-PRE	000NONPJ	matrix spike, RPD	8/26/2021	Organic	Bis(2-chloroethoxy)methane	n/a	=	6	%	EPA 625.1	-88	-88	0	30	DG
2021/22-PRE	Carboy Blank	equip blank	8/26/2021	Organic	Bis(2-chloroethoxy)methane	n/a	<	0.25	µg/L	EPA 625.1	0.25	1			
2021/22-PRE	Lab	LCS	8/26/2021	Organic	Bis(2-chloroethoxy)methane	n/a	=	19	µg/L	EPA 625.1	0.25	1			
2021/22-PRE	Lab	LCS, rec	8/26/2021	Organic	Bis(2-chloroethoxy)methane	n/a	=	95	%	EPA 625.1	-88	-88	49	165	
2021/22-PRE	Lab	method blank	8/26/2021	Organic	Bis(2-chloroethoxy)methane	n/a	<	0.25	µg/L	EPA 625.1	0.25	1			
2021/22-PRE	Tubing Blank	equip blank	8/26/2021	Organic	Bis(2-chloroethoxy)methane	n/a	<	0.25	µg/L	EPA 625.1	0.25	1			
2021/22-PRE	000NONPJ	matrix spike	8/26/2021	Organic	Bis(2-chloroethoxy)methane	n/a	=	13.8	µg/L	EPA 625.1	0.54	2			DG
2021/22-PRE	000NONPJ	matrix spike, rec	8/26/2021	Organic	Bis(2-chloroethoxy)methane	n/a	=	69	%	EPA 625.1	-88	-88	12	158	DG
2021/22-PRE	000NONPJ	matrix spike dup	8/26/2021	Organic	Bis(2-chloroethoxy)methane	n/a	=	13	µg/L	EPA 625.1	0.54	2			DG
2021/22-PRE	000NONPJ	matrix spike dup, rec	8/26/2021	Organic	Bis(2-chloroethoxy)methane	n/a	=	65	%	EPA 625.1	-88	-88	12	158	DG
2021/22-PRE	000NONPJ	matrix spike, RPD	8/26/2021	Organic	Bis(2-chloroethoxy)methane	n/a	=	6	%	EPA 625.1	-88	-88	0	30	DG
2021/22-PRE	Carboy Blank	equip blank	8/26/2021	Organic	Bis(2-chloroethoxy)methane	n/a	<	0.27	µg/L	EPA 625.1	0.27	1			
2021/22-PRE	Lab	LCS	8/26/2021	Organic	Bis(2-chloroethoxy)methane	n/a	=	16.5	µg/L	EPA 625.1	0.27	1			
2021/22-PRE	Lab	LCS, rec	8/26/2021	Organic	Bis(2-chloroethoxy)methane	n/a	=	82	%	EPA 625.1	-88	-88	43	126	
2021/22-PRE	Lab	method blank	8/26/2021	Organic	Bis(2-chloroethoxy)methane	n/a	<	0.27	µg/L	EPA 625.1	0.27	1			
2021/22-PRE	Tubing Blank	equip blank	8/26/2021	Organic	Bis(2-chloroethoxy)methane	n/a	<	0.27	µg/L	EPA 625.1	0.27	1			
2021/22-PRE	000NONPJ	matrix spike	8/26/2021	Organic	Bis(2-chloroisopropyl)ether	n/a	=	17	µg/L	EPA 625.1	0.76	2			DG
2021/22-PRE	000NONPJ	matrix spike, rec	8/26/2021	Organic	Bis(2-chloroisopropyl)ether	n/a	=	85	%	EPA 625.1	-88	-88	36	166	DG
2021/22-PRE	000NONPJ	matrix spike dup	8/26/2021	Organic	Bis(2-chloroisopropyl)ether	n/a	=	16.6	µg/L	EPA 625.1	0.76	2			DG
2021/22-PRE	000NONPJ	matrix spike dup, rec	8/26/2021	Organic	Bis(2-chloroisopropyl)ether	n/a	=	83	%	EPA 625.1	-88	-88	36	166	DG
2021/22-PRE	000NONPJ	matrix spike, RPD	8/26/2021	Organic	Bis(2-chloroisopropyl)ether	n/a	=	3	%	EPA 625.1	-88	-88	0	30	DG
2021/22-PRE	Carboy Blank	equip blank	8/26/2021	Organic	Bis(2-chloroisopropyl)ether	n/a	<	0.38	µg/L	EPA 625.1	0.38	1			
2021/22-PRE	Lab	LCS	8/26/2021	Organic	Bis(2-chloroisopropyl)ether	n/a	=	21.1	µg/L	EPA 625.1	0.38	1			
2021/22-PRE	Lab	LCS, rec	8/26/2021	Organic	Bis(2-chloroisopropyl)ether	n/a	=	106	%	EPA 625.1	-88	-88	63	139	
2021/22-PRE	Lab	method blank	8/26/2021	Organic	Bis(2-chloroisopropyl)ether	n/a	<	0.38	µg/L	EPA 625.1	0.38	1			
2021/22-PRE	Tubing Blank	equip blank	8/26/2021	Organic	Bis(2-chloroisopropyl)ether	n/a	<	0.38	µg/L	EPA 625.1	0.38	1			
2021/22-PRE	Blankwater-ultrapur	equip blank	10/1/2021	Organic	Bis(2-ethylhexyl)adipate	n/a	<	0.12	µg/L	EPA 525.2	0.12	5			
2021/22-PRE	Carboy Blank	equip blank	9/10/2021	Organic	Bis(2-ethylhexyl)adipate	n/a	DNQ	0.12	µg/L	EPA 525.2	0.12	5			IP,UL-MB
2021/22-PRE	Lab	LCS dup	9/9/2021	Organic	Bis(2-ethylhexyl)adipate	n/a	=	7.03	µg/L	EPA 525.2	0.12	2			EUM
2021/22-PRE	Lab	LCS dup, rec	9/9/2021	Organic	Bis(2-ethylhexyl)adipate	n/a	=	141	%	EPA 525.2	-88	-88	70	130	EUM
2021/22-PRE	Lab	LCS, RPD	9/9/2021	Organic	Bis(2-ethylhexyl)adipate	n/a	=	14	%	EPA 525.2	-88	-88	0	30	
2021/22-PRE	Lab	LCS	9/10/2021	Organic	Bis(2-ethylhexyl)adipate	n/a	=	8.09	µg/L	EPA 525.2	0.12	2			EUM
2021/22-PRE	Lab	LCS, rec	9/10/2021	Organic	Bis(2-ethylhexyl)adipate	n/a	=	162	%	EPA 525.2	-88	-88	70	130	EUM
2021/22-PRE	Lab	method blank	9/10/2021	Organic	Bis(2-ethylhexyl)adipate	n/a	DNQ	0.312	µg/L	EPA 525.2	0.12	2			IP
2021/22-PRE	Lab	method blank	10/1/2021	Organic	Bis(2-ethylhexyl)adipate	n/a	<	0.12	µg/L	EPA 525.2	0.12	5			
2021/22-PRE	Lab	LCS	10/1/2021	Organic	Bis(2-ethylhexyl)adipate	n/a	=	5.73	µg/L	EPA 525.2	0.12	5			
2021/22-PRE	Lab	LCS, rec	10/1/2021	Organic	Bis(2-ethylhexyl)adipate	n/a	=	115	%	EPA 525.2	-88	-88	70	130	
2021/22-PRE	Lab	LCS dup	10/1/2021	Organic	Bis(2-ethylhexyl)adipate	n/a	=	5.57	µg/L	EPA 525.2	0.12	5			
2021/22-PRE	Lab	LCS dup, rec	10/1/2021	Organic	Bis(2-ethylhexyl)adipate	n/a	=	111	%	EPA 525.2	-88	-88	70	130	
2021/22-PRE	Lab	LCS, RPD	10/1/2021	Organic	Bis(2-ethylhexyl)adipate	n/a	=	3	%	EPA 525.2	-88	-88	0	30	
2021/22-PRE	Tubing Blank	equip blank	9/9/2021	Organic	Bis(2-ethylhexyl)adipate	n/a	DNQ	0.12	µg/L	EPA 525.2	0.12	5			GR,IP,UL-MB
2021/22-PRE	000NONPJ	matrix spike	8/26/2021	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	23.3	µg/L	EPA 625.1	4.6	10			DG
2021/22-PRE	000NONPJ	matrix spike, rec	8/26/2021	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	117	%	EPA 625.1	-88	-88	8	158	DG
2021/22-PRE	000NONPJ	matrix spike dup	8/26/2021	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	21.6	µg/L	EPA 625.1	4.6	10			DG
2021/22-PRE	000NONPJ	matrix spike dup, rec	8/26/2021	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	108	%	EPA 625.1	-88	-88	8	158	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	
2021/22-PRE	000NONPJ	matrix spike, RPD	8/26/2021	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	8	%	EPA 625.1	-88	-88	0	30	DG
2021/22-PRE	hankwater-ultrapur	equip blank	10/1/2021	Organic	Bis(2-ethylhexyl)phthalate	n/a	<	0.41	µg/L	EPA 525.2	0.41	3			
2021/22-PRE	Carboy Blank	equip blank	8/26/2021	Organic	Bis(2-ethylhexyl)phthalate	n/a	<	2.3	µg/L	EPA 625.1	2.3	5			
2021/22-PRE	Carboy Blank	equip blank	9/10/2021	Organic	Bis(2-ethylhexyl)phthalate	n/a	<	0.41	µg/L	EPA 525.2	0.41	3			
2021/22-PRE	Lab	LCS	8/26/2021	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	21	µg/L	EPA 625.1	2.3	5			
2021/22-PRE	Lab	LCS, rec	8/26/2021	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	105	%	EPA 625.1	-88	-88	29	137	
2021/22-PRE	Lab	method blank	8/26/2021	Organic	Bis(2-ethylhexyl)phthalate	n/a	<	2.3	µg/L	EPA 625.1	2.3	5			
2021/22-PRE	Lab	LCS dup	9/9/2021	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	7.27	µg/L	EPA 525.2	0.41	2			EUM
2021/22-PRE	Lab	LCS dup, rec	9/9/2021	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	145	%	EPA 525.2	-88	-88	70	130	EUM
2021/22-PRE	Lab	LCS, RPD	9/9/2021	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	10	%	EPA 525.2	-88	-88	0	30	
2021/22-PRE	Lab	LCS	9/10/2021	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	8.02	µg/L	EPA 525.2	0.41	2			EUM
2021/22-PRE	Lab	LCS, rec	9/10/2021	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	160	%	EPA 525.2	-88	-88	70	130	EUM
2021/22-PRE	Lab	method blank	9/10/2021	Organic	Bis(2-ethylhexyl)phthalate	n/a	<	0.41	µg/L	EPA 525.2	0.41	2			
2021/22-PRE	Lab	method blank	10/1/2021	Organic	Bis(2-ethylhexyl)phthalate	n/a	<	0.41	µg/L	EPA 525.2	0.41	3			
2021/22-PRE	Lab	LCS	10/1/2021	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	6.62	µg/L	EPA 525.2	0.41	3			EUM
2021/22-PRE	Lab	LCS, rec	10/1/2021	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	132	%	EPA 525.2	-88	-88	70	130	EUM
2021/22-PRE	Lab	LCS dup	10/1/2021	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	6.22	µg/L	EPA 525.2	0.41	3			
2021/22-PRE	Lab	LCS dup, rec	10/1/2021	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	124	%	EPA 525.2	-88	-88	70	130	
2021/22-PRE	Lab	LCS, RPD	10/1/2021	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	6	%	EPA 525.2	-88	-88	0	30	
2021/22-PRE	Tubing Blank	equip blank	8/26/2021	Organic	Bis(2-ethylhexyl)phthalate	n/a	<	2.3	µg/L	EPA 625.1	2.3	5			
2021/22-PRE	Tubing Blank	equip blank	9/9/2021	Organic	Bis(2-ethylhexyl)phthalate	n/a	<	0.41	µg/L	EPA 525.2	0.41	3			GR
2021/22-PRE	000NONPJ	matrix spike	8/26/2021	Organic	Butyl benzyl phthalate	n/a	=	21.3	µg/L	EPA 625.1	0.36	2			DG
2021/22-PRE	000NONPJ	matrix spike, rec	8/26/2021	Organic	Butyl benzyl phthalate	n/a	=	107	%	EPA 625.1	-88	-88	0.1	152	DG
2021/22-PRE	000NONPJ	matrix spike dup	8/26/2021	Organic	Butyl benzyl phthalate	n/a	=	21.4	µg/L	EPA 625.1	0.36	2			DG
2021/22-PRE	000NONPJ	matrix spike dup, rec	8/26/2021	Organic	Butyl benzyl phthalate	n/a	=	107	%	EPA 625.1	-88	-88	0.1	152	DG
2021/22-PRE	000NONPJ	matrix spike, RPD	8/26/2021	Organic	Butyl benzyl phthalate	n/a	=	0.3	%	EPA 625.1	-88	-88	0	30	DG
2021/22-PRE	Carboy Blank	equip blank	8/26/2021	Organic	Butyl benzyl phthalate	n/a	<	0.18	µg/L	EPA 625.1	0.18	1			
2021/22-PRE	Lab	LCS	8/26/2021	Organic	Butyl benzyl phthalate	n/a	=	21.4	µg/L	EPA 625.1	0.18	1			
2021/22-PRE	Lab	LCS, rec	8/26/2021	Organic	Butyl benzyl phthalate	n/a	=	107	%	EPA 625.1	-88	-88	0.1	140	
2021/22-PRE	Lab	method blank	8/26/2021	Organic	Butyl benzyl phthalate	n/a	<	0.18	µg/L	EPA 625.1	0.18	1			
2021/22-PRE	Tubing Blank	equip blank	8/26/2021	Organic	Butyl benzyl phthalate	n/a	<	0.18	µg/L	EPA 625.1	0.18	1			
2021/22-PRE	000NONPJ	matrix spike	8/26/2021	Organic	Chrysene	n/a	=	17.7	µg/L	EPA 625.1	0.38	2			DG
2021/22-PRE	000NONPJ	matrix spike, rec	8/26/2021	Organic	Chrysene	n/a	=	88	%	EPA 625.1	-88	-88	17	168	DG
2021/22-PRE	000NONPJ	matrix spike dup	8/26/2021	Organic	Chrysene	n/a	=	17.1	µg/L	EPA 625.1	0.38	2			DG
2021/22-PRE	000NONPJ	matrix spike dup, rec	8/26/2021	Organic	Chrysene	n/a	=	86	%	EPA 625.1	-88	-88	17	168	DG
2021/22-PRE	000NONPJ	matrix spike, RPD	8/26/2021	Organic	Chrysene	n/a	=	3	%	EPA 625.1	-88	-88	0	30	DG
2021/22-PRE	Carboy Blank	equip blank	8/26/2021	Organic	Chrysene	n/a	<	0.19	µg/L	EPA 625.1	0.19	1			
2021/22-PRE	Lab	LCS	8/26/2021	Organic	Chrysene	n/a	=	19.1	µg/L	EPA 625.1	0.19	1			
2021/22-PRE	Lab	LCS, rec	8/26/2021	Organic	Chrysene	n/a	=	96	%	EPA 625.1	-88	-88	44	140	
2021/22-PRE	Lab	method blank	8/26/2021	Organic	Chrysene	n/a	<	0.19	µg/L	EPA 625.1	0.19	1			
2021/22-PRE	Tubing Blank	equip blank	8/26/2021	Organic	Chrysene	n/a	<	0.19	µg/L	EPA 625.1	0.19	1			
2021/22-PRE	000NONPJ	matrix spike	8/26/2021	Organic	Dibenz(a,h)anthracene	n/a	=	18.7	µg/L	EPA 625.1	1.1	4			DG
2021/22-PRE	000NONPJ	matrix spike, rec	8/26/2021	Organic	Dibenz(a,h)anthracene	n/a	=	93	%	EPA 625.1	-88	-88	0.1	227	DG
2021/22-PRE	000NONPJ	matrix spike dup	8/26/2021	Organic	Dibenz(a,h)anthracene	n/a	=	18.6	µg/L	EPA 625.1	1.1	4			DG
2021/22-PRE	000NONPJ	matrix spike dup, rec	8/26/2021	Organic	Dibenz(a,h)anthracene	n/a	=	93	%	EPA 625.1	-88	-88	0.1	227	DG
2021/22-PRE	000NONPJ	matrix spike, RPD	8/26/2021	Organic	Dibenz(a,h)anthracene	n/a	=	0.2	%	EPA 625.1	-88	-88	0	30	DG
2021/22-PRE	Carboy Blank	equip blank	8/26/2021	Organic	Dibenz(a,h)anthracene	n/a	<	0.53	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	
2021/22-PRE	Lab	LCS	8/26/2021	Organic	Dibenz(a,h)anthracene	n/a	=	22.3	µg/L	EPA 625.1	0.53	2			
2021/22-PRE	Lab	LCS, rec	8/26/2021	Organic	Dibenz(a,h)anthracene	n/a	=	112	%	EPA 625.1	-88	-88	0.1	200	
2021/22-PRE	Lab	method blank	8/26/2021	Organic	Dibenz(a,h)anthracene	n/a	<	0.53	µg/L	EPA 625.1	0.53	2			
2021/22-PRE	Tubing Blank	equip blank	8/26/2021	Organic	Dibenz(a,h)anthracene	n/a	<	0.53	µg/L	EPA 625.1	0.53	2			
2021/22-PRE	000NONPJ	matrix spike	8/26/2021	Organic	Diethyl phthalate	n/a	=	15.9	µg/L	EPA 625.1	0.3	2			DG
2021/22-PRE	000NONPJ	matrix spike, rec	8/26/2021	Organic	Diethyl phthalate	n/a	=	79	%	EPA 625.1	-88	-88	0.1	120	DG
2021/22-PRE	000NONPJ	matrix spike dup	8/26/2021	Organic	Diethyl phthalate	n/a	=	17.9	µg/L	EPA 625.1	0.3	2			DG
2021/22-PRE	000NONPJ	matrix spike dup, rec	8/26/2021	Organic	Diethyl phthalate	n/a	=	89	%	EPA 625.1	-88	-88	0.1	120	DG
2021/22-PRE	000NONPJ	matrix spike, RPD	8/26/2021	Organic	Diethyl phthalate	n/a	=	12	%	EPA 625.1	-88	-88	0	30	DG
2021/22-PRE	Carboy Blank	equip blank	8/26/2021	Organic	Diethyl phthalate	n/a	<	0.15	µg/L	EPA 625.1	0.15	1			
2021/22-PRE	Lab	LCS	8/26/2021	Organic	Diethyl phthalate	n/a	=	20.6	µg/L	EPA 625.1	0.15	1			
2021/22-PRE	Lab	LCS, rec	8/26/2021	Organic	Diethyl phthalate	n/a	=	103	%	EPA 625.1	-88	-88	0.1	120	
2021/22-PRE	Lab	method blank	8/26/2021	Organic	Diethyl phthalate	n/a	<	0.15	µg/L	EPA 625.1	0.15	1			
2021/22-PRE	Tubing Blank	equip blank	8/26/2021	Organic	Diethyl phthalate	n/a	DNQ	0.84	µg/L	EPA 625.1	0.15	1			
2021/22-PRE	000NONPJ	matrix spike	8/26/2021	Organic	Dimethyl phthalate	n/a	=	14	µg/L	EPA 625.1	0.36	2			DG
2021/22-PRE	000NONPJ	matrix spike, rec	8/26/2021	Organic	Dimethyl phthalate	n/a	=	70	%	EPA 625.1	-88	-88	0.1	120	DG
2021/22-PRE	000NONPJ	matrix spike dup	8/26/2021	Organic	Dimethyl phthalate	n/a	=	17	µg/L	EPA 625.1	0.36	2			DG
2021/22-PRE	000NONPJ	matrix spike dup, rec	8/26/2021	Organic	Dimethyl phthalate	n/a	=	85	%	EPA 625.1	-88	-88	0.1	120	DG
2021/22-PRE	000NONPJ	matrix spike, RPD	8/26/2021	Organic	Dimethyl phthalate	n/a	=	20	%	EPA 625.1	-88	-88	0	30	DG
2021/22-PRE	Carboy Blank	equip blank	8/26/2021	Organic	Dimethyl phthalate	n/a	<	0.18	µg/L	EPA 625.1	0.18	1			
2021/22-PRE	Lab	LCS	8/26/2021	Organic	Dimethyl phthalate	n/a	=	19	µg/L	EPA 625.1	0.18	1			
2021/22-PRE	Lab	LCS, rec	8/26/2021	Organic	Dimethyl phthalate	n/a	=	95	%	EPA 625.1	-88	-88	0.1	120	
2021/22-PRE	Lab	method blank	8/26/2021	Organic	Dimethyl phthalate	n/a	<	0.18	µg/L	EPA 625.1	0.18	1			
2021/22-PRE	Tubing Blank	equip blank	8/26/2021	Organic	Dimethyl phthalate	n/a	<	0.18	µg/L	EPA 625.1	0.18	1			
2021/22-PRE	000NONPJ	matrix spike	8/26/2021	Organic	Di-n-butylphthalate	n/a	=	20.8	µg/L	EPA 625.1	0.2	2			DG
2021/22-PRE	000NONPJ	matrix spike, rec	8/26/2021	Organic	Di-n-butylphthalate	n/a	=	104	%	EPA 625.1	-88	-88	1	120	DG
2021/22-PRE	000NONPJ	matrix spike dup	8/26/2021	Organic	Di-n-butylphthalate	n/a	=	20.4	µg/L	EPA 625.1	0.2	2			DG
2021/22-PRE	000NONPJ	matrix spike dup, rec	8/26/2021	Organic	Di-n-butylphthalate	n/a	=	102	%	EPA 625.1	-88	-88	1	120	DG
2021/22-PRE	000NONPJ	matrix spike, RPD	8/26/2021	Organic	Di-n-butylphthalate	n/a	=	2	%	EPA 625.1	-88	-88	0	30	DG
2021/22-PRE	Carboy Blank	equip blank	8/26/2021	Organic	Di-n-butylphthalate	n/a	<	0.1	µg/L	EPA 625.1	0.1	1			
2021/22-PRE	Lab	LCS	8/26/2021	Organic	Di-n-butylphthalate	n/a	=	21.2	µg/L	EPA 625.1	0.1	1			
2021/22-PRE	Lab	LCS, rec	8/26/2021	Organic	Di-n-butylphthalate	n/a	=	106	%	EPA 625.1	-88	-88	8	120	
2021/22-PRE	Lab	method blank	8/26/2021	Organic	Di-n-butylphthalate	n/a	<	0.1	µg/L	EPA 625.1	0.1	1			
2021/22-PRE	Tubing Blank	equip blank	8/26/2021	Organic	Di-n-butylphthalate	n/a	<	0.1	µg/L	EPA 625.1	0.1	1			
2021/22-PRE	000NONPJ	matrix spike	8/26/2021	Organic	Di-n-octylphthalate	n/a	=	23.2	µg/L	EPA 625.1	0.92	2			DG
2021/22-PRE	000NONPJ	matrix spike, rec	8/26/2021	Organic	Di-n-octylphthalate	n/a	=	116	%	EPA 625.1	-88	-88	4	146	DG
2021/22-PRE	000NONPJ	matrix spike dup	8/26/2021	Organic	Di-n-octylphthalate	n/a	=	23.5	µg/L	EPA 625.1	0.92	2			DG
2021/22-PRE	000NONPJ	matrix spike dup, rec	8/26/2021	Organic	Di-n-octylphthalate	n/a	=	118	%	EPA 625.1	-88	-88	4	146	DG
2021/22-PRE	000NONPJ	matrix spike, RPD	8/26/2021	Organic	Di-n-octylphthalate	n/a	=	2	%	EPA 625.1	-88	-88	0	30	DG
2021/22-PRE	Carboy Blank	equip blank	8/26/2021	Organic	Di-n-octylphthalate	n/a	<	0.46	µg/L	EPA 625.1	0.46	1			
2021/22-PRE	Lab	LCS	8/26/2021	Organic	Di-n-octylphthalate	n/a	=	21.2	µg/L	EPA 625.1	0.46	1			
2021/22-PRE	Lab	LCS, rec	8/26/2021	Organic	Di-n-octylphthalate	n/a	=	106	%	EPA 625.1	-88	-88	19	132	
2021/22-PRE	Lab	method blank	8/26/2021	Organic	Di-n-octylphthalate	n/a	<	0.46	µg/L	EPA 625.1	0.46	1			
2021/22-PRE	Tubing Blank	equip blank	8/26/2021	Organic	Di-n-octylphthalate	n/a	<	0.46	µg/L	EPA 625.1	0.46	1			
2021/22-PRE	000NONPJ	matrix spike	8/26/2021	Organic	Fluoranthene	n/a	=	21.1	µg/L	EPA 625.1	0.16	2			DG
2021/22-PRE	000NONPJ	matrix spike, rec	8/26/2021	Organic	Fluoranthene	n/a	=	105	%	EPA 625.1	-88	-88	26	137	DG
2021/22-PRE	000NONPJ	matrix spike dup	8/26/2021	Organic	Fluoranthene	n/a	=	20.8	µg/L	EPA 625.1	0.16	2			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	
2021/22-PRE	000NONPJ	matrix spike dup, rec	8/26/2021	Organic	Fluoranthene	n/a	=	104	%	EPA 625.1	-88	-88	26	137	DG
2021/22-PRE	000NONPJ	matrix spike, RPD	8/26/2021	Organic	Fluoranthene	n/a	=	2	%	EPA 625.1	-88	-88	0	30	DG
2021/22-PRE	Carboy Blank	equip blank	8/26/2021	Organic	Fluoranthene	n/a	<	0.08	µg/L	EPA 625.1	0.08	1			
2021/22-PRE	Lab	LCS	8/26/2021	Organic	Fluoranthene	n/a	=	23.1	µg/L	EPA 625.1	0.08	1			
2021/22-PRE	Lab	LCS, rec	8/26/2021	Organic	Fluoranthene	n/a	=	116	%	EPA 625.1	-88	-88	43	121	
2021/22-PRE	Lab	method blank	8/26/2021	Organic	Fluoranthene	n/a	<	0.08	µg/L	EPA 625.1	0.08	1			
2021/22-PRE	Tubing Blank	equip blank	8/26/2021	Organic	Fluoranthene	n/a	<	0.08	µg/L	EPA 625.1	0.08	1			
2021/22-PRE	000NONPJ	matrix spike	8/26/2021	Organic	Fluorene	n/a	=	14.8	µg/L	EPA 625.1	0.7	2			DG
2021/22-PRE	000NONPJ	matrix spike, rec	8/26/2021	Organic	Fluorene	n/a	=	74	%	EPA 625.1	-88	-88	59	121	DG
2021/22-PRE	000NONPJ	matrix spike dup	8/26/2021	Organic	Fluorene	n/a	=	16.5	µg/L	EPA 625.1	0.7	2			DG
2021/22-PRE	000NONPJ	matrix spike dup, rec	8/26/2021	Organic	Fluorene	n/a	=	82	%	EPA 625.1	-88	-88	59	121	DG
2021/22-PRE	000NONPJ	matrix spike, RPD	8/26/2021	Organic	Fluorene	n/a	=	11	%	EPA 625.1	-88	-88	0	30	DG
2021/22-PRE	Carboy Blank	equip blank	8/26/2021	Organic	Fluorene	n/a	<	0.35	µg/L	EPA 625.1	0.35	1			
2021/22-PRE	Lab	LCS	8/26/2021	Organic	Fluorene	n/a	=	18.7	µg/L	EPA 625.1	0.35	1			
2021/22-PRE	Lab	LCS, rec	8/26/2021	Organic	Fluorene	n/a	=	94	%	EPA 625.1	-88	-88	70	120	
2021/22-PRE	Lab	method blank	8/26/2021	Organic	Fluorene	n/a	<	0.35	µg/L	EPA 625.1	0.35	1			
2021/22-PRE	Tubing Blank	equip blank	8/26/2021	Organic	Fluorene	n/a	<	0.35	µg/L	EPA 625.1	0.35	1			
2021/22-PRE	000NONPJ	matrix spike	8/26/2021	Organic	Hexachlorobenzene	n/a	=	13.8	µg/L	EPA 625.1	0.98	2			DG
2021/22-PRE	000NONPJ	matrix spike, rec	8/26/2021	Organic	Hexachlorobenzene	n/a	=	69	%	EPA 625.1	-88	-88	0.1	152	DG
2021/22-PRE	000NONPJ	matrix spike dup	8/26/2021	Organic	Hexachlorobenzene	n/a	=	15.3	µg/L	EPA 625.1	0.98	2			DG
2021/22-PRE	000NONPJ	matrix spike dup, rec	8/26/2021	Organic	Hexachlorobenzene	n/a	=	77	%	EPA 625.1	-88	-88	0.1	152	DG
2021/22-PRE	000NONPJ	matrix spike, RPD	8/26/2021	Organic	Hexachlorobenzene	n/a	=	10	%	EPA 625.1	-88	-88	0	30	DG
2021/22-PRE	Carboy Blank	equip blank	8/26/2021	Organic	Hexachlorobenzene	n/a	<	0.49	µg/L	EPA 625.1	0.49	1			
2021/22-PRE	Lab	LCS	8/26/2021	Organic	Hexachlorobenzene	n/a	=	18.2	µg/L	EPA 625.1	0.49	1			
2021/22-PRE	Lab	LCS, rec	8/26/2021	Organic	Hexachlorobenzene	n/a	=	91	%	EPA 625.1	-88	-88	8	142	
2021/22-PRE	Lab	method blank	8/26/2021	Organic	Hexachlorobenzene	n/a	<	0.49	µg/L	EPA 625.1	0.49	1			
2021/22-PRE	Tubing Blank	equip blank	8/26/2021	Organic	Hexachlorobenzene	n/a	<	0.49	µg/L	EPA 625.1	0.49	1			
2021/22-PRE	000NONPJ	matrix spike	8/26/2021	Organic	Hexachlorobutadiene	n/a	=	14.5	µg/L	EPA 625.1	0.94	2			DG
2021/22-PRE	000NONPJ	matrix spike, rec	8/26/2021	Organic	Hexachlorobutadiene	n/a	=	73	%	EPA 625.1	-88	-88	24	120	DG
2021/22-PRE	000NONPJ	matrix spike dup	8/26/2021	Organic	Hexachlorobutadiene	n/a	=	13.5	µg/L	EPA 625.1	0.94	2			DG
2021/22-PRE	000NONPJ	matrix spike dup, rec	8/26/2021	Organic	Hexachlorobutadiene	n/a	=	68	%	EPA 625.1	-88	-88	24	120	DG
2021/22-PRE	000NONPJ	matrix spike, RPD	8/26/2021	Organic	Hexachlorobutadiene	n/a	=	7	%	EPA 625.1	-88	-88	0	30	DG
2021/22-PRE	Carboy Blank	equip blank	8/26/2021	Organic	Hexachlorobutadiene	n/a	<	0.47	µg/L	EPA 625.1	0.47	1			
2021/22-PRE	Lab	LCS	8/26/2021	Organic	Hexachlorobutadiene	n/a	=	17.5	µg/L	EPA 625.1	0.47	1			
2021/22-PRE	Lab	LCS, rec	8/26/2021	Organic	Hexachlorobutadiene	n/a	=	87	%	EPA 625.1	-88	-88	38	120	
2021/22-PRE	Lab	method blank	8/26/2021	Organic	Hexachlorobutadiene	n/a	<	0.47	µg/L	EPA 625.1	0.47	1			
2021/22-PRE	Tubing Blank	equip blank	8/26/2021	Organic	Hexachlorobutadiene	n/a	<	0.47	µg/L	EPA 625.1	0.47	1			
2021/22-PRE	000NONPJ	matrix spike	8/26/2021	Organic	Hexachlorocyclopentadiene	n/a	DNQ	9.14	µg/L	EPA 625.1	2	10			DG
2021/22-PRE	000NONPJ	matrix spike, rec	8/26/2021	Organic	Hexachlorocyclopentadiene	n/a	=	46	%	EPA 625.1	-88	-88	10	120	DG
2021/22-PRE	000NONPJ	matrix spike dup	8/26/2021	Organic	Hexachlorocyclopentadiene	n/a	=	10.1	µg/L	EPA 625.1	2	10			DG
2021/22-PRE	000NONPJ	matrix spike dup, rec	8/26/2021	Organic	Hexachlorocyclopentadiene	n/a	=	51	%	EPA 625.1	-88	-88	10	120	DG
2021/22-PRE	000NONPJ	matrix spike, RPD	8/26/2021	Organic	Hexachlorocyclopentadiene	n/a	=	10	%	EPA 625.1	-88	-88	0	30	DG
2021/22-PRE	Blankwater-ultrapur	equip blank	10/1/2021	Organic	Hexachlorocyclopentadiene	n/a	<	0.08	µg/L	EPA 525.2	0.08	1			
2021/22-PRE	Carboy Blank	equip blank	8/26/2021	Organic	Hexachlorocyclopentadiene	n/a	<	0.98	µg/L	EPA 625.1	0.98	5			
2021/22-PRE	Lab	LCS	8/26/2021	Organic	Hexachlorocyclopentadiene	n/a	=	11.6	µg/L	EPA 625.1	0.98	5			
2021/22-PRE	Lab	LCS, rec	8/26/2021	Organic	Hexachlorocyclopentadiene	n/a	=	58	%	EPA 625.1	-88	-88	10	120	
2021/22-PRE	Lab	method blank	8/26/2021	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	
2021/22-PRE	Lab	method blank	10/1/2021	Organic	Hexachlorocyclopentadiene	n/a	<	0.08	µg/L	EPA 525.2	0.08	1			
2021/22-PRE	Lab	LCS	10/1/2021	Organic	Hexachlorocyclopentadiene	n/a	=	3.72	µg/L	EPA 525.2	0.08	1			
2021/22-PRE	Lab	LCS, rec	10/1/2021	Organic	Hexachlorocyclopentadiene	n/a	=	74	%	EPA 525.2	-88	-88	33	106	
2021/22-PRE	Lab	LCS dup	10/1/2021	Organic	Hexachlorocyclopentadiene	n/a	=	3.73	µg/L	EPA 525.2	0.08	1			
2021/22-PRE	Lab	LCS dup, rec	10/1/2021	Organic	Hexachlorocyclopentadiene	n/a	=	75	%	EPA 525.2	-88	-88	33	106	
2021/22-PRE	Lab	LCS, RPD	10/1/2021	Organic	Hexachlorocyclopentadiene	n/a	=	0.2	%	EPA 525.2	-88	-88	0	30	
2021/22-PRE	Tubing Blank	equip blank	8/26/2021	Organic	Hexachlorocyclopentadiene	n/a	<	0.98	µg/L	EPA 625.1	0.98	5			
2021/22-PRE	000NONPJ	matrix spike	8/26/2021	Organic	Hexachloroethane	n/a	=	13	µg/L	EPA 625.1	1	2			DG
2021/22-PRE	000NONPJ	matrix spike, rec	8/26/2021	Organic	Hexachloroethane	n/a	=	65	%	EPA 625.1	-88	-88	40	120	DG
2021/22-PRE	000NONPJ	matrix spike dup	8/26/2021	Organic	Hexachloroethane	n/a	=	11.4	µg/L	EPA 625.1	1	2			DG
2021/22-PRE	000NONPJ	matrix spike dup, rec	8/26/2021	Organic	Hexachloroethane	n/a	=	57	%	EPA 625.1	-88	-88	40	120	DG
2021/22-PRE	000NONPJ	matrix spike, RPD	8/26/2021	Organic	Hexachloroethane	n/a	=	13	%	EPA 625.1	-88	-88	0	30	DG
2021/22-PRE	Carboy Blank	equip blank	8/26/2021	Organic	Hexachloroethane	n/a	<	0.5	µg/L	EPA 625.1	0.5	1			
2021/22-PRE	Lab	LCS	8/26/2021	Organic	Hexachloroethane	n/a	=	16	µg/L	EPA 625.1	0.5	1			
2021/22-PRE	Lab	LCS, rec	8/26/2021	Organic	Hexachloroethane	n/a	=	80	%	EPA 625.1	-88	-88	55	120	
2021/22-PRE	Lab	method blank	8/26/2021	Organic	Hexachloroethane	n/a	<	0.5	µg/L	EPA 625.1	0.5	1			
2021/22-PRE	Tubing Blank	equip blank	8/26/2021	Organic	Hexachloroethane	n/a	<	0.5	µg/L	EPA 625.1	0.5	1			
2021/22-PRE	000NONPJ	matrix spike	8/26/2021	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	19.1	µg/L	EPA 625.1	1.1	4			DG
2021/22-PRE	000NONPJ	matrix spike, rec	8/26/2021	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	95	%	EPA 625.1	-88	-88	0.1	171	DG
2021/22-PRE	000NONPJ	matrix spike dup	8/26/2021	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	19.3	µg/L	EPA 625.1	1.1	4			DG
2021/22-PRE	000NONPJ	matrix spike dup, rec	8/26/2021	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	97	%	EPA 625.1	-88	-88	0.1	171	DG
2021/22-PRE	000NONPJ	matrix spike, RPD	8/26/2021	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	1	%	EPA 625.1	-88	-88	0	30	DG
2021/22-PRE	Carboy Blank	equip blank	8/26/2021	Organic	Indeno(1,2,3-cd)pyrene	n/a	<	0.55	µg/L	EPA 625.1	0.55	2			
2021/22-PRE	Lab	LCS	8/26/2021	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	22.3	µg/L	EPA 625.1	0.55	2			
2021/22-PRE	Lab	LCS, rec	8/26/2021	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	112	%	EPA 625.1	-88	-88	0.1	151	
2021/22-PRE	Lab	method blank	8/26/2021	Organic	Indeno(1,2,3-cd)pyrene	n/a	<	0.55	µg/L	EPA 625.1	0.55	2			
2021/22-PRE	Tubing Blank	equip blank	8/26/2021	Organic	Indeno(1,2,3-cd)pyrene	n/a	<	0.55	µg/L	EPA 625.1	0.55	2			
2021/22-PRE	000NONPJ	matrix spike	8/26/2021	Organic	Isophorone	n/a	=	14.1	µg/L	EPA 625.1	0.42	2			DG
2021/22-PRE	000NONPJ	matrix spike, rec	8/26/2021	Organic	Isophorone	n/a	=	71	%	EPA 625.1	-88	-88	21	196	DG
2021/22-PRE	000NONPJ	matrix spike dup	8/26/2021	Organic	Isophorone	n/a	=	14.9	µg/L	EPA 625.1	0.42	2			DG
2021/22-PRE	000NONPJ	matrix spike dup, rec	8/26/2021	Organic	Isophorone	n/a	=	75	%	EPA 625.1	-88	-88	21	196	DG
2021/22-PRE	000NONPJ	matrix spike, RPD	8/26/2021	Organic	Isophorone	n/a	=	6	%	EPA 625.1	-88	-88	0	30	DG
2021/22-PRE	Carboy Blank	equip blank	8/26/2021	Organic	Isophorone	n/a	<	0.21	µg/L	EPA 625.1	0.21	1			
2021/22-PRE	Lab	LCS	8/26/2021	Organic	Isophorone	n/a	=	17.5	µg/L	EPA 625.1	0.21	1			
2021/22-PRE	Lab	LCS, rec	8/26/2021	Organic	Isophorone	n/a	=	88	%	EPA 625.1	-88	-88	47	180	
2021/22-PRE	Lab	method blank	8/26/2021	Organic	Isophorone	n/a	<	0.21	µg/L	EPA 625.1	0.21	1			
2021/22-PRE	Tubing Blank	equip blank	8/26/2021	Organic	Isophorone	n/a	<	0.21	µg/L	EPA 625.1	0.21	1			
2021/22-PRE	000NONPJ	matrix spike	8/26/2021	Organic	Naphthalene	n/a	=	13.9	µg/L	EPA 625.1	0.98	2			DG
2021/22-PRE	000NONPJ	matrix spike, rec	8/26/2021	Organic	Naphthalene	n/a	=	69	%	EPA 625.1	-88	-88	21	133	DG
2021/22-PRE	000NONPJ	matrix spike dup	8/26/2021	Organic	Naphthalene	n/a	=	14	µg/L	EPA 625.1	0.98	2			DG
2021/22-PRE	000NONPJ	matrix spike dup, rec	8/26/2021	Organic	Naphthalene	n/a	=	70	%	EPA 625.1	-88	-88	21	133	DG
2021/22-PRE	000NONPJ	matrix spike, RPD	8/26/2021	Organic	Naphthalene	n/a	=	0.7	%	EPA 625.1	-88	-88	0	30	DG
2021/22-PRE	Carboy Blank	equip blank	8/26/2021	Organic	Naphthalene	n/a	<	0.49	µg/L	EPA 625.1	0.49	1			
2021/22-PRE	Lab	LCS	8/26/2021	Organic	Naphthalene	n/a	=	16.8	µg/L	EPA 625.1	0.49	1			
2021/22-PRE	Lab	LCS, rec	8/26/2021	Organic	Naphthalene	n/a	=	84	%	EPA 625.1	-88	-88	36	120	
2021/22-PRE	Lab	method blank	8/26/2021	Organic	Naphthalene	n/a	<	0.49	µg/L	EPA 625.1	0.49	1			
2021/22-PRE	Lab	method blank	10/1/2021	Organic	Naphthalene	n/a	<	0.14	µg/L	EPA 525.2	0.14	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	
2021/22-PRE	Lab	LCS	10/1/2021	Organic	Naphthalene	n/a	=	4.56	µg/L	EPA 525.2	0.14	0.5			
2021/22-PRE	Lab	LCS, rec	10/1/2021	Organic	Naphthalene	n/a	=	91	%	EPA 525.2	-88	-88	75	116	
2021/22-PRE	Lab	LCS dup	10/1/2021	Organic	Naphthalene	n/a	=	4.65	µg/L	EPA 525.2	0.14	0.5			
2021/22-PRE	Lab	LCS dup, rec	10/1/2021	Organic	Naphthalene	n/a	=	93	%	EPA 525.2	-88	-88	75	116	
2021/22-PRE	Lab	LCS, RPD	10/1/2021	Organic	Naphthalene	n/a	=	2	%	EPA 525.2	-88	-88	0	30	
2021/22-PRE	Tubing Blank	equip blank	8/26/2021	Organic	Naphthalene	n/a	<	0.49	µg/L	EPA 625.1	0.49	1			
2021/22-PRE	000NONPJ	matrix spike	8/26/2021	Organic	Nitrobenzene	n/a	=	15.7	µg/L	EPA 625.1	0.72	2			DG
2021/22-PRE	000NONPJ	matrix spike, rec	8/26/2021	Organic	Nitrobenzene	n/a	=	79	%	EPA 625.1	-88	-88	35	180	DG
2021/22-PRE	000NONPJ	matrix spike dup	8/26/2021	Organic	Nitrobenzene	n/a	=	16.2	µg/L	EPA 625.1	0.72	2			DG
2021/22-PRE	000NONPJ	matrix spike dup, rec	8/26/2021	Organic	Nitrobenzene	n/a	=	81	%	EPA 625.1	-88	-88	35	180	DG
2021/22-PRE	000NONPJ	matrix spike, RPD	8/26/2021	Organic	Nitrobenzene	n/a	=	3	%	EPA 625.1	-88	-88	0	30	DG
2021/22-PRE	Carboy Blank	equip blank	8/26/2021	Organic	Nitrobenzene	n/a	<	0.36	µg/L	EPA 625.1	0.36	1			
2021/22-PRE	Lab	LCS	8/26/2021	Organic	Nitrobenzene	n/a	=	19	µg/L	EPA 625.1	0.36	1			
2021/22-PRE	Lab	LCS, rec	8/26/2021	Organic	Nitrobenzene	n/a	=	95	%	EPA 625.1	-88	-88	54	158	
2021/22-PRE	Lab	method blank	8/26/2021	Organic	Nitrobenzene	n/a	<	0.36	µg/L	EPA 625.1	0.36	1			
2021/22-PRE	Tubing Blank	equip blank	8/26/2021	Organic	Nitrobenzene	n/a	<	0.36	µg/L	EPA 625.1	0.36	1			
2021/22-PRE	000NONPJ	srgt matrix spike	8/26/2021	Organic	Nitrobenzene-d5	n/a	=	15.8	µg/L	EPA 625.1	-88	-88			
2021/22-PRE	000NONPJ	srgt matrix spike, rec	8/26/2021	Organic	Nitrobenzene-d5	n/a	=	79	%	EPA 625.1	-88	-88	47	120	
2021/22-PRE	000NONPJ	srgt matrix spike dup	8/26/2021	Organic	Nitrobenzene-d5	n/a	=	16.3	µg/L	EPA 625.1	-88	-88			
2021/22-PRE	000NONPJ	srgt matrix spike dup, rec	8/26/2021	Organic	Nitrobenzene-d5	n/a	=	81	%	EPA 625.1	-88	-88	47	120	
2021/22-PRE	Carboy Blank	srgt equip blank	8/26/2021	Organic	Nitrobenzene-d5	n/a	=	3.65	µg/L	EPA 625.1	-88	-88			GN
2021/22-PRE	Carboy Blank	srgt equip blank, rec	8/26/2021	Organic	Nitrobenzene-d5	n/a	=	19	%	EPA 625.1	-88	-88	47	120	GN
2021/22-PRE	Lab	srgt LCS	8/26/2021	Organic	Nitrobenzene-d5	n/a	=	19.4	µg/L	EPA 625.1	-88	-88			
2021/22-PRE	Lab	srgt LCS, rec	8/26/2021	Organic	Nitrobenzene-d5	n/a	=	97	%	EPA 625.1	-88	-88	47	120	
2021/22-PRE	Lab	srgt method blank	8/26/2021	Organic	Nitrobenzene-d5	n/a	=	15.8	µg/L	EPA 625.1	-88	-88			
2021/22-PRE	Lab	srgt method blank, rec	8/26/2021	Organic	Nitrobenzene-d5	n/a	=	79	%	EPA 625.1	-88	-88	47	120	
2021/22-PRE	Tubing Blank	srgt equip blank	8/26/2021	Organic	Nitrobenzene-d5	n/a	=	19.7	µg/L	EPA 625.1	-88	-88			
2021/22-PRE	Tubing Blank	srgt equip blank, rec	8/26/2021	Organic	Nitrobenzene-d5	n/a	=	94	%	EPA 625.1	-88	-88	47	120	
2021/22-PRE	000NONPJ	matrix spike	8/26/2021	Organic	N-Nitrosodimethylamine	n/a	=	9.44	µg/L	EPA 625.1	1	2			DG
2021/22-PRE	000NONPJ	matrix spike, rec	8/26/2021	Organic	N-Nitrosodimethylamine	n/a	=	39	%	EPA 625.1	-88	-88	18	120	DG
2021/22-PRE	000NONPJ	matrix spike dup	8/26/2021	Organic	N-Nitrosodimethylamine	n/a	=	8.46	µg/L	EPA 625.1	1	2			DG
2021/22-PRE	000NONPJ	matrix spike dup, rec	8/26/2021	Organic	N-Nitrosodimethylamine	n/a	=	34	%	EPA 625.1	-88	-88	18	120	DG
2021/22-PRE	000NONPJ	matrix spike, RPD	8/26/2021	Organic	N-Nitrosodimethylamine	n/a	=	11	%	EPA 625.1	-88	-88	0	30	DG
2021/22-PRE	Carboy Blank	equip blank	8/26/2021	Organic	N-Nitrosodimethylamine	n/a	<	0.5	µg/L	EPA 625.1	0.5	1			
2021/22-PRE	Lab	LCS	8/26/2021	Organic	N-Nitrosodimethylamine	n/a	=	10.8	µg/L	EPA 625.1	0.5	1			
2021/22-PRE	Lab	LCS, rec	8/26/2021	Organic	N-Nitrosodimethylamine	n/a	=	54	%	EPA 625.1	-88	-88	22	120	
2021/22-PRE	Lab	method blank	8/26/2021	Organic	N-Nitrosodimethylamine	n/a	<	0.5	µg/L	EPA 625.1	0.5	1			
2021/22-PRE	Tubing Blank	equip blank	8/26/2021	Organic	N-Nitrosodimethylamine	n/a	<	0.5	µg/L	EPA 625.1	0.5	1			
2021/22-PRE	000NONPJ	matrix spike	8/26/2021	Organic	N-Nitrosodi-N-propylamine	n/a	=	17.2	µg/L	EPA 625.1	0.52	2			DG
2021/22-PRE	000NONPJ	matrix spike, rec	8/26/2021	Organic	N-Nitrosodi-N-propylamine	n/a	=	86	%	EPA 625.1	-88	-88	49	120	DG
2021/22-PRE	000NONPJ	matrix spike dup	8/26/2021	Organic	N-Nitrosodi-N-propylamine	n/a	=	17.7	µg/L	EPA 625.1	0.52	2			DG
2021/22-PRE	000NONPJ	matrix spike dup, rec	8/26/2021	Organic	N-Nitrosodi-N-propylamine	n/a	=	88	%	EPA 625.1	-88	-88	49	120	DG
2021/22-PRE	000NONPJ	matrix spike, RPD	8/26/2021	Organic	N-Nitrosodi-N-propylamine	n/a	=	3	%	EPA 625.1	-88	-88	0	30	DG
2021/22-PRE	Carboy Blank	equip blank	8/26/2021	Organic	N-Nitrosodi-N-propylamine	n/a	<	0.26	µg/L	EPA 625.1	0.26	1			
2021/22-PRE	Lab	LCS	8/26/2021	Organic	N-Nitrosodi-N-propylamine	n/a	=	20.6	µg/L	EPA 625.1	0.26	1			
2021/22-PRE	Lab	LCS, rec	8/26/2021	Organic	N-Nitrosodi-N-propylamine	n/a	=	103	%	EPA 625.1	-88	-88	14	198	
2021/22-PRE	Lab	method blank	8/26/2021	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	
2021/22-PRE	Tubing Blank	equip blank	8/26/2021	Organic	N-Nitrosodi-N-propylamine	n/a	<	0.26	µg/L	EPA 625.1	0.26	1			
2021/22-PRE	000NONPJ	matrix spike	8/26/2021	Organic	N-Nitrosodiphenylamine	n/a	=	9.72	µg/L	EPA 625.1	0.38	2			DG
2021/22-PRE	000NONPJ	matrix spike, rec	8/26/2021	Organic	N-Nitrosodiphenylamine	n/a	=	49	%	EPA 625.1	-88	-88	49	120	DG
2021/22-PRE	000NONPJ	matrix spike dup	8/26/2021	Organic	N-Nitrosodiphenylamine	n/a	=	10.8	µg/L	EPA 625.1	0.38	2			DG
2021/22-PRE	000NONPJ	matrix spike dup, rec	8/26/2021	Organic	N-Nitrosodiphenylamine	n/a	=	54	%	EPA 625.1	-88	-88	49	120	DG
2021/22-PRE	000NONPJ	matrix spike, RPD	8/26/2021	Organic	N-Nitrosodiphenylamine	n/a	=	10	%	EPA 625.1	-88	-88	0	30	DG
2021/22-PRE	Carboy Blank	equip blank	8/26/2021	Organic	N-Nitrosodiphenylamine	n/a	<	0.19	µg/L	EPA 625.1	0.19	1			
2021/22-PRE	Lab	LCS	8/26/2021	Organic	N-Nitrosodiphenylamine	n/a	=	15.2	µg/L	EPA 625.1	0.19	1			
2021/22-PRE	Lab	LCS, rec	8/26/2021	Organic	N-Nitrosodiphenylamine	n/a	=	76	%	EPA 625.1	-88	-88	47	120	
2021/22-PRE	Lab	method blank	8/26/2021	Organic	N-Nitrosodiphenylamine	n/a	<	0.19	µg/L	EPA 625.1	0.19	1			
2021/22-PRE	Tubing Blank	equip blank	8/26/2021	Organic	N-Nitrosodiphenylamine	n/a	<	0.19	µg/L	EPA 625.1	0.19	1			
2021/22-PRE	hankwater-ultrapur	srqt equip blank	10/1/2021	Organic	Perylene-d12	n/a	=	5.22	µg/L	EPA 525.2	-88	-88			
2021/22-PRE	hankwater-ultrapur	srqt equip blank, rec	10/1/2021	Organic	Perylene-d12	n/a	=	103	%	EPA 525.2	-88	-88	50	120	
2021/22-PRE	Carboy Blank	srqt equip blank	9/10/2021	Organic	Perylene-d12	n/a	=	4.33	µg/L	EPA 525.2	-88	-88			
2021/22-PRE	Carboy Blank	srqt equip blank, rec	9/10/2021	Organic	Perylene-d12	n/a	=	81	%	EPA 525.2	-88	-88	50	120	
2021/22-PRE	Lab	srqt LCS dup	9/9/2021	Organic	Perylene-d12	n/a	=	5.32	µg/L	EPA 525.2	-88	-88			
2021/22-PRE	Lab	srqt LCS dup, rec	9/9/2021	Organic	Perylene-d12	n/a	=	106	%	EPA 525.2	-88	-88	50	120	
2021/22-PRE	Lab	srqt LCS	9/10/2021	Organic	Perylene-d12	n/a	=	5.26	µg/L	EPA 525.2	-88	-88			
2021/22-PRE	Lab	srqt LCS, rec	9/10/2021	Organic	Perylene-d12	n/a	=	105	%	EPA 525.2	-88	-88	50	120	
2021/22-PRE	Lab	srqt method blank	9/10/2021	Organic	Perylene-d12	n/a	=	4.86	µg/L	EPA 525.2	-88	-88			
2021/22-PRE	Lab	srqt method blank, rec	9/10/2021	Organic	Perylene-d12	n/a	=	97	%	EPA 525.2	-88	-88	50	120	
2021/22-PRE	Lab	srqt method blank	10/1/2021	Organic	Perylene-d12	n/a	=	5.2	µg/L	EPA 525.2	-88	-88			
2021/22-PRE	Lab	srqt method blank, rec	10/1/2021	Organic	Perylene-d12	n/a	=	104	%	EPA 525.2	-88	-88	50	120	
2021/22-PRE	Lab	srqt LCS	10/1/2021	Organic	Perylene-d12	n/a	=	5.36	µg/L	EPA 525.2	-88	-88			
2021/22-PRE	Lab	srqt LCS, rec	10/1/2021	Organic	Perylene-d12	n/a	=	107	%	EPA 525.2	-88	-88	50	120	
2021/22-PRE	Lab	srqt LCS dup	10/1/2021	Organic	Perylene-d12	n/a	=	5.36	µg/L	EPA 525.2	-88	-88			
2021/22-PRE	Lab	srqt LCS dup, rec	10/1/2021	Organic	Perylene-d12	n/a	=	107	%	EPA 525.2	-88	-88	50	120	
2021/22-PRE	Lab	srqt LCS	10/1/2021	Organic	Perylene-d12	n/a	=	5.38	µg/L	EPA 525.2	-88	-88			
2021/22-PRE	Lab	srqt LCS, rec	10/1/2021	Organic	Perylene-d12	n/a	=	108	%	EPA 525.2	-88	-88	50	120	
2021/22-PRE	Lab	srqt LCS dup	10/1/2021	Organic	Perylene-d12	n/a	=	5.48	µg/L	EPA 525.2	-88	-88			
2021/22-PRE	Lab	srqt LCS dup, rec	10/1/2021	Organic	Perylene-d12	n/a	=	110	%	EPA 525.2	-88	-88	50	120	
2021/22-PRE	Tubing Blank	srqt equip blank	9/9/2021	Organic	Perylene-d12	n/a	=	4.4	µg/L	EPA 525.2	-88	-88			
2021/22-PRE	Tubing Blank	srqt equip blank, rec	9/9/2021	Organic	Perylene-d12	n/a	=	85	%	EPA 525.2	-88	-88	50	120	
2021/22-PRE	000NONPJ	matrix spike	8/26/2021	Organic	Phenanthrene	n/a	=	16.4	µg/L	EPA 625.1	0.64	2			DG
2021/22-PRE	000NONPJ	matrix spike, rec	8/26/2021	Organic	Phenanthrene	n/a	=	82	%	EPA 625.1	-88	-88	54	120	DG
2021/22-PRE	000NONPJ	matrix spike dup	8/26/2021	Organic	Phenanthrene	n/a	=	16.5	µg/L	EPA 625.1	0.64	2			DG
2021/22-PRE	000NONPJ	matrix spike dup, rec	8/26/2021	Organic	Phenanthrene	n/a	=	82	%	EPA 625.1	-88	-88	54	120	DG
2021/22-PRE	000NONPJ	matrix spike, RPD	8/26/2021	Organic	Phenanthrene	n/a	=	0.2	%	EPA 625.1	-88	-88	0	30	DG
2021/22-PRE	Carboy Blank	equip blank	8/26/2021	Organic	Phenanthrene	n/a	<	0.32	µg/L	EPA 625.1	0.32	1			
2021/22-PRE	Lab	LCS	8/26/2021	Organic	Phenanthrene	n/a	=	17.8	µg/L	EPA 625.1	0.32	1			
2021/22-PRE	Lab	LCS, rec	8/26/2021	Organic	Phenanthrene	n/a	=	89	%	EPA 625.1	-88	-88	65	120	
2021/22-PRE	Lab	method blank	8/26/2021	Organic	Phenanthrene	n/a	<	0.32	µg/L	EPA 625.1	0.32	1			
2021/22-PRE	Tubing Blank	equip blank	8/26/2021	Organic	Phenanthrene	n/a	<	0.32	µg/L	EPA 625.1	0.32	1			
2021/22-PRE	000NONPJ	matrix spike	8/26/2021	Organic	Phenol	n/a	=	6.38	µg/L	EPA 625.1	0.32	2			DG
2021/22-PRE	000NONPJ	matrix spike, rec	8/26/2021	Organic	Phenol	n/a	=	32	%	EPA 625.1	-88	-88	5	120	DG
2021/22-PRE	000NONPJ	matrix spike dup	8/26/2021	Organic	Phenol	n/a	=	7.09	µg/L	EPA 625.1	0.32	2			DG
2021/22-PRE	000NONPJ	matrix spike dup, rec	8/26/2021	Organic	Phenol	n/a	=	35	%	EPA 625.1	-88	-88	5	120	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	
2021/22-PRE	000NONPJ	matrix spike, RPD	8/26/2021	Organic	Phenol	n/a	=	11	%	EPA 625.1	-88	-88	0	30	DG
2021/22-PRE	Carboy Blank	equip blank	8/26/2021	Organic	Phenol	n/a	<	0.16	µg/L	EPA 625.1	0.16	1			
2021/22-PRE	Lab	LCS	8/26/2021	Organic	Phenol	n/a	=	7.74	µg/L	EPA 625.1	0.16	1			
2021/22-PRE	Lab	LCS, rec	8/26/2021	Organic	Phenol	n/a	=	39	%	EPA 625.1	-88	-88	17	120	
2021/22-PRE	Lab	method blank	8/26/2021	Organic	Phenol	n/a	<	0.16	µg/L	EPA 625.1	0.16	1			
2021/22-PRE	Tubing Blank	equip blank	8/26/2021	Organic	Phenol	n/a	<	0.16	µg/L	EPA 625.1	0.16	1			
2021/22-PRE	000NONPJ	srgt matrix spike	8/26/2021	Organic	Phenol-d5	n/a	=	12	µg/L	EPA 625.1	-88	-88			
2021/22-PRE	000NONPJ	srgt matrix spike, rec	8/26/2021	Organic	Phenol-d5	n/a	=	30	%	EPA 625.1	-88	-88	12	120	
2021/22-PRE	000NONPJ	srgt matrix spike dup	8/26/2021	Organic	Phenol-d5	n/a	=	13.2	µg/L	EPA 625.1	-88	-88			
2021/22-PRE	000NONPJ	srgt matrix spike dup, rec	8/26/2021	Organic	Phenol-d5	n/a	=	33	%	EPA 625.1	-88	-88	12	120	
2021/22-PRE	Carboy Blank	srgt equip blank	8/26/2021	Organic	Phenol-d5	n/a	=	2.8	µg/L	EPA 625.1	-88	-88			GN
2021/22-PRE	Carboy Blank	srgt equip blank, rec	8/26/2021	Organic	Phenol-d5	n/a	=	7	%	EPA 625.1	-88	-88	12	120	GN
2021/22-PRE	Lab	srgt LCS	8/26/2021	Organic	Phenol-d5	n/a	=	15.3	µg/L	EPA 625.1	-88	-88			
2021/22-PRE	Lab	srgt LCS, rec	8/26/2021	Organic	Phenol-d5	n/a	=	38	%	EPA 625.1	-88	-88	12	120	
2021/22-PRE	Lab	srgt method blank	8/26/2021	Organic	Phenol-d5	n/a	=	11.6	µg/L	EPA 625.1	-88	-88			
2021/22-PRE	Lab	srgt method blank, rec	8/26/2021	Organic	Phenol-d5	n/a	=	29	%	EPA 625.1	-88	-88	12	120	
2021/22-PRE	Tubing Blank	srgt equip blank	8/26/2021	Organic	Phenol-d5	n/a	=	12.2	µg/L	EPA 625.1	-88	-88			
2021/22-PRE	Tubing Blank	srgt equip blank, rec	8/26/2021	Organic	Phenol-d5	n/a	=	29	%	EPA 625.1	-88	-88	12	120	
2021/22-PRE	000NONPJ	srgt matrix spike	8/26/2021	Organic	p-Terphenyl-d14	n/a	=	18.1	µg/L	EPA 625.1	-88	-88			
2021/22-PRE	000NONPJ	srgt matrix spike, rec	8/26/2021	Organic	p-Terphenyl-d14	n/a	=	91	%	EPA 625.1	-88	-88	44	129	
2021/22-PRE	000NONPJ	srgt matrix spike dup	8/26/2021	Organic	p-Terphenyl-d14	n/a	=	17.8	µg/L	EPA 625.1	-88	-88			
2021/22-PRE	000NONPJ	srgt matrix spike dup, rec	8/26/2021	Organic	p-Terphenyl-d14	n/a	=	89	%	EPA 625.1	-88	-88	44	129	
2021/22-PRE	Carboy Blank	srgt equip blank	8/26/2021	Organic	p-Terphenyl-d14	n/a	=	3.36	µg/L	EPA 625.1	-88	-88			GN
2021/22-PRE	Carboy Blank	srgt equip blank, rec	8/26/2021	Organic	p-Terphenyl-d14	n/a	=	17	%	EPA 625.1	-88	-88	44	129	GN
2021/22-PRE	Lab	srgt LCS	8/26/2021	Organic	p-Terphenyl-d14	n/a	=	19.9	µg/L	EPA 625.1	-88	-88			
2021/22-PRE	Lab	srgt LCS, rec	8/26/2021	Organic	p-Terphenyl-d14	n/a	=	99	%	EPA 625.1	-88	-88	44	129	
2021/22-PRE	Lab	srgt method blank	8/26/2021	Organic	p-Terphenyl-d14	n/a	=	19.3	µg/L	EPA 625.1	-88	-88			
2021/22-PRE	Lab	srgt method blank, rec	8/26/2021	Organic	p-Terphenyl-d14	n/a	=	96	%	EPA 625.1	-88	-88	44	129	
2021/22-PRE	Tubing Blank	srgt equip blank	8/26/2021	Organic	p-Terphenyl-d14	n/a	=	17.3	µg/L	EPA 625.1	-88	-88			
2021/22-PRE	Tubing Blank	srgt equip blank, rec	8/26/2021	Organic	p-Terphenyl-d14	n/a	=	83	%	EPA 625.1	-88	-88	44	129	
2021/22-PRE	000NONPJ	matrix spike	8/26/2021	Organic	Pyrene	n/a	=	21.2	µg/L	EPA 625.1	0.5	2			DG
2021/22-PRE	000NONPJ	matrix spike, rec	8/26/2021	Organic	Pyrene	n/a	=	106	%	EPA 625.1	-88	-88	52	120	DG
2021/22-PRE	000NONPJ	matrix spike dup	8/26/2021	Organic	Pyrene	n/a	=	20.7	µg/L	EPA 625.1	0.5	2			DG
2021/22-PRE	000NONPJ	matrix spike dup, rec	8/26/2021	Organic	Pyrene	n/a	=	103	%	EPA 625.1	-88	-88	52	120	DG
2021/22-PRE	000NONPJ	matrix spike, RPD	8/26/2021	Organic	Pyrene	n/a	=	2	%	EPA 625.1	-88	-88	0	30	DG
2021/22-PRE	Carboy Blank	equip blank	8/26/2021	Organic	Pyrene	n/a	<	0.25	µg/L	EPA 625.1	0.25	1			
2021/22-PRE	Lab	LCS	8/26/2021	Organic	Pyrene	n/a	=	22.8	µg/L	EPA 625.1	0.25	1			
2021/22-PRE	Lab	LCS, rec	8/26/2021	Organic	Pyrene	n/a	=	114	%	EPA 625.1	-88	-88	70	120	
2021/22-PRE	Lab	method blank	8/26/2021	Organic	Pyrene	n/a	<	0.25	µg/L	EPA 625.1	0.25	1			
2021/22-PRE	Tubing Blank	equip blank	8/26/2021	Organic	Pyrene	n/a	<	0.25	µg/L	EPA 625.1	0.25	1			
2021/22-PRE	hankwater-ultrapur	srgt equip blank	10/1/2021	Organic	Triphenylphosphate	n/a	=	5.47	µg/L	EPA 525.2	-88	-88			
2021/22-PRE	hankwater-ultrapur	srgt equip blank, rec	10/1/2021	Organic	Triphenylphosphate	n/a	=	108	%	EPA 525.2	-88	-88	70	130	
2021/22-PRE	Carboy Blank	srgt equip blank	9/10/2021	Organic	Triphenylphosphate	n/a	=	3.25	µg/L	EPA 525.2	-88	-88			GN
2021/22-PRE	Carboy Blank	srgt equip blank, rec	9/10/2021	Organic	Triphenylphosphate	n/a	=	61	%	EPA 525.2	-88	-88	70	130	GN
2021/22-PRE	Lab	srgt LCS dup	9/9/2021	Organic	Triphenylphosphate	n/a	=	6.77	µg/L	EPA 525.2	-88	-88			GN
2021/22-PRE	Lab	srgt LCS dup, rec	9/9/2021	Organic	Triphenylphosphate	n/a	=	135	%	EPA 525.2	-88	-88	70	130	GN
2021/22-PRE	Lab	srgt LCS	9/10/2021	Organic	Triphenylphosphate	n/a	=	7.68	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	
2021/22-PRE	Lab	srgt LCS, rec	9/10/2021	Organic	Triphenylphosphate	n/a	=	154	%	EPA 525.2	-88	-88	70	130	GN
2021/22-PRE	Lab	srgt method blank	9/10/2021	Organic	Triphenylphosphate	n/a	=	10.9	µg/L	EPA 525.2	-88	-88			GN
2021/22-PRE	Lab	srgt method blank, rec	9/10/2021	Organic	Triphenylphosphate	n/a	=	217	%	EPA 525.2	-88	-88	70	130	GN
2021/22-PRE	Lab	srgt method blank	10/1/2021	Organic	Triphenylphosphate	n/a	=	5.09	µg/L	EPA 525.2	-88	-88			
2021/22-PRE	Lab	srgt method blank, rec	10/1/2021	Organic	Triphenylphosphate	n/a	=	102	%	EPA 525.2	-88	-88	70	130	
2021/22-PRE	Lab	srgt LCS	10/1/2021	Organic	Triphenylphosphate	n/a	=	5.98	µg/L	EPA 525.2	-88	-88			
2021/22-PRE	Lab	srgt LCS, rec	10/1/2021	Organic	Triphenylphosphate	n/a	=	120	%	EPA 525.2	-88	-88	70	130	
2021/22-PRE	Lab	srgt LCS dup	10/1/2021	Organic	Triphenylphosphate	n/a	=	5.75	µg/L	EPA 525.2	-88	-88			
2021/22-PRE	Lab	srgt LCS dup, rec	10/1/2021	Organic	Triphenylphosphate	n/a	=	115	%	EPA 525.2	-88	-88	70	130	
2021/22-PRE	Lab	srgt LCS	10/1/2021	Organic	Triphenylphosphate	n/a	=	5.77	µg/L	EPA 525.2	-88	-88			
2021/22-PRE	Lab	srgt LCS, rec	10/1/2021	Organic	Triphenylphosphate	n/a	=	115	%	EPA 525.2	-88	-88	70	130	
2021/22-PRE	Lab	srgt LCS dup	10/1/2021	Organic	Triphenylphosphate	n/a	=	5.9	µg/L	EPA 525.2	-88	-88			
2021/22-PRE	Lab	srgt LCS dup, rec	10/1/2021	Organic	Triphenylphosphate	n/a	=	118	%	EPA 525.2	-88	-88	70	130	
2021/22-PRE	Tubing Blank	srgt equip blank	9/9/2021	Organic	Triphenylphosphate	n/a	=	9.66	µg/L	EPA 525.2	-88	-88			GN
2021/22-PRE	Tubing Blank	srgt equip blank, rec	9/9/2021	Organic	Triphenylphosphate	n/a	=	188	%	EPA 525.2	-88	-88	70	130	GN
2021/22-PRE	hankwater-ultrapur	equip blank	10/1/2021	Pesticide	Alachlor	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1			
2021/22-PRE	Carboy Blank	equip blank	9/10/2021	Pesticide	Alachlor	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1			
2021/22-PRE	Lab	LCS dup	9/9/2021	Pesticide	Alachlor	n/a	=	6.15	µg/L	EPA 525.2	0.03	0.1			
2021/22-PRE	Lab	LCS dup, rec	9/9/2021	Pesticide	Alachlor	n/a	=	123	%	EPA 525.2	-88	-88	70	130	
2021/22-PRE	Lab	LCS, RPD	9/9/2021	Pesticide	Alachlor	n/a	=	3	%	EPA 525.2	-88	-88	0	30	
2021/22-PRE	Lab	LCS	9/10/2021	Pesticide	Alachlor	n/a	=	5.98	µg/L	EPA 525.2	0.03	0.1			
2021/22-PRE	Lab	LCS, rec	9/10/2021	Pesticide	Alachlor	n/a	=	120	%	EPA 525.2	-88	-88	70	130	
2021/22-PRE	Lab	method blank	9/10/2021	Pesticide	Alachlor	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1			
2021/22-PRE	Lab	method blank	10/1/2021	Pesticide	Alachlor	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1			
2021/22-PRE	Lab	LCS	10/1/2021	Pesticide	Alachlor	n/a	=	5.7	µg/L	EPA 525.2	0.03	0.1			
2021/22-PRE	Lab	LCS, rec	10/1/2021	Pesticide	Alachlor	n/a	=	114	%	EPA 525.2	-88	-88	70	130	
2021/22-PRE	Lab	LCS dup	10/1/2021	Pesticide	Alachlor	n/a	=	5.92	µg/L	EPA 525.2	0.03	0.1			
2021/22-PRE	Lab	LCS dup, rec	10/1/2021	Pesticide	Alachlor	n/a	=	118	%	EPA 525.2	-88	-88	70	130	
2021/22-PRE	Lab	LCS, RPD	10/1/2021	Pesticide	Alachlor	n/a	=	4	%	EPA 525.2	-88	-88	0	30	
2021/22-PRE	Tubing Blank	equip blank	9/9/2021	Pesticide	Alachlor	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1			
2021/22-PRE	hankwater-ultrapur	equip blank	10/1/2021	Pesticide	Atrazine	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1			
2021/22-PRE	Carboy Blank	equip blank	9/10/2021	Pesticide	Atrazine	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1			
2021/22-PRE	Lab	LCS dup	9/9/2021	Pesticide	Atrazine	n/a	=	7.62	µg/L	EPA 525.2	0.03	0.1			EUM,IL
2021/22-PRE	Lab	LCS dup, rec	9/9/2021	Pesticide	Atrazine	n/a	=	152	%	EPA 525.2	-88	-88	70	130	EUM,IL
2021/22-PRE	Lab	LCS, RPD	9/9/2021	Pesticide	Atrazine	n/a	=	31	%	EPA 525.2	-88	-88	0	30	EUM,IL
2021/22-PRE	Lab	LCS	9/10/2021	Pesticide	Atrazine	n/a	=	10.4	µg/L	EPA 525.2	0.03	0.1			EUM,IL
2021/22-PRE	Lab	LCS, rec	9/10/2021	Pesticide	Atrazine	n/a	=	209	%	EPA 525.2	-88	-88	70	130	EUM,IL
2021/22-PRE	Lab	method blank	9/10/2021	Pesticide	Atrazine	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1			GR
2021/22-PRE	Lab	method blank	10/1/2021	Pesticide	Atrazine	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1			
2021/22-PRE	Lab	LCS	10/1/2021	Pesticide	Atrazine	n/a	=	6.16	µg/L	EPA 525.2	0.03	0.1			
2021/22-PRE	Lab	LCS, rec	10/1/2021	Pesticide	Atrazine	n/a	=	123	%	EPA 525.2	-88	-88	70	130	
2021/22-PRE	Lab	LCS dup	10/1/2021	Pesticide	Atrazine	n/a	=	6.11	µg/L	EPA 525.2	0.03	0.1			
2021/22-PRE	Lab	LCS dup, rec	10/1/2021	Pesticide	Atrazine	n/a	=	122	%	EPA 525.2	-88	-88	70	130	
2021/22-PRE	Lab	LCS, RPD	10/1/2021	Pesticide	Atrazine	n/a	=	0.9	%	EPA 525.2	-88	-88	0	30	
2021/22-PRE	Tubing Blank	equip blank	9/9/2021	Pesticide	Atrazine	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1			GR
2021/22-PRE	hankwater-ultrapur	equip blank	10/1/2021	Pesticide	Bromacil	n/a	<	0.16	µg/L	EPA 525.2	0.16	0.5			
2021/22-PRE	Carboy Blank	equip blank	9/10/2021	Pesticide	Bromacil	n/a	<	0.16	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	
2021/22-PRE	Lab	LCS dup	9/9/2021	Pesticide	Bromacil	n/a	=	5.31	µg/L	EPA 525.2	0.16	0.5			
2021/22-PRE	Lab	LCS dup, rec	9/9/2021	Pesticide	Bromacil	n/a	=	106	%	EPA 525.2	-88	-88	70	130	
2021/22-PRE	Lab	LCS, RPD	9/9/2021	Pesticide	Bromacil	n/a	=	4	%	EPA 525.2	-88	-88	0	30	
2021/22-PRE	Lab	LCS	9/10/2021	Pesticide	Bromacil	n/a	=	5.1	µg/L	EPA 525.2	0.16	0.5			
2021/22-PRE	Lab	LCS, rec	9/10/2021	Pesticide	Bromacil	n/a	=	102	%	EPA 525.2	-88	-88	70	130	
2021/22-PRE	Lab	method blank	9/10/2021	Pesticide	Bromacil	n/a	<	0.16	µg/L	EPA 525.2	0.16	0.5			
2021/22-PRE	Lab	method blank	10/1/2021	Pesticide	Bromacil	n/a	<	0.16	µg/L	EPA 525.2	0.16	0.5			
2021/22-PRE	Lab	LCS	10/1/2021	Pesticide	Bromacil	n/a	=	5.4	µg/L	EPA 525.2	0.16	0.5			
2021/22-PRE	Lab	LCS, rec	10/1/2021	Pesticide	Bromacil	n/a	=	108	%	EPA 525.2	-88	-88	70	130	
2021/22-PRE	Lab	LCS dup	10/1/2021	Pesticide	Bromacil	n/a	=	5.79	µg/L	EPA 525.2	0.16	0.5			
2021/22-PRE	Lab	LCS dup, rec	10/1/2021	Pesticide	Bromacil	n/a	=	116	%	EPA 525.2	-88	-88	70	130	
2021/22-PRE	Lab	LCS, RPD	10/1/2021	Pesticide	Bromacil	n/a	=	7	%	EPA 525.2	-88	-88	0	30	
2021/22-PRE	Tubing Blank	equip blank	9/9/2021	Pesticide	Bromacil	n/a	<	0.16	µg/L	EPA 525.2	0.16	0.5			
2021/22-PRE	hankwater-ultrapur	equip blank	10/1/2021	Pesticide	Butachlor	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1			
2021/22-PRE	Carboy Blank	equip blank	9/10/2021	Pesticide	Butachlor	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1			
2021/22-PRE	Lab	LCS dup	9/9/2021	Pesticide	Butachlor	n/a	=	5.56	µg/L	EPA 525.2	0.03	0.1			
2021/22-PRE	Lab	LCS dup, rec	9/9/2021	Pesticide	Butachlor	n/a	=	111	%	EPA 525.2	-88	-88	70	130	
2021/22-PRE	Lab	LCS, RPD	9/9/2021	Pesticide	Butachlor	n/a	=	1	%	EPA 525.2	-88	-88	0	30	
2021/22-PRE	Lab	LCS	9/10/2021	Pesticide	Butachlor	n/a	=	5.49	µg/L	EPA 525.2	0.03	0.1			
2021/22-PRE	Lab	LCS, rec	9/10/2021	Pesticide	Butachlor	n/a	=	110	%	EPA 525.2	-88	-88	70	130	
2021/22-PRE	Lab	method blank	9/10/2021	Pesticide	Butachlor	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1			
2021/22-PRE	Lab	method blank	10/1/2021	Pesticide	Butachlor	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1			
2021/22-PRE	Lab	LCS	10/1/2021	Pesticide	Butachlor	n/a	=	5.03	µg/L	EPA 525.2	0.03	0.1			
2021/22-PRE	Lab	LCS, rec	10/1/2021	Pesticide	Butachlor	n/a	=	101	%	EPA 525.2	-88	-88	70	130	
2021/22-PRE	Lab	LCS dup	10/1/2021	Pesticide	Butachlor	n/a	=	5.28	µg/L	EPA 525.2	0.03	0.1			
2021/22-PRE	Lab	LCS dup, rec	10/1/2021	Pesticide	Butachlor	n/a	=	106	%	EPA 525.2	-88	-88	70	130	
2021/22-PRE	Lab	LCS, RPD	10/1/2021	Pesticide	Butachlor	n/a	=	5	%	EPA 525.2	-88	-88	0	30	
2021/22-PRE	Tubing Blank	equip blank	9/9/2021	Pesticide	Butachlor	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1			
2021/22-PRE	hankwater-ultrapur	equip blank	10/1/2021	Pesticide	Captan	n/a	<	0.16	µg/L	EPA 525.2	0.16	1			
2021/22-PRE	Carboy Blank	equip blank	9/10/2021	Pesticide	Captan	n/a	<	0.16	µg/L	EPA 525.2	0.16	1			
2021/22-PRE	Lab	LCS dup	9/9/2021	Pesticide	Captan	n/a	=	7.02	µg/L	EPA 525.2	0.16	1			EUM
2021/22-PRE	Lab	LCS dup, rec	9/9/2021	Pesticide	Captan	n/a	=	140	%	EPA 525.2	-88	-88	70	130	EUM
2021/22-PRE	Lab	LCS, RPD	9/9/2021	Pesticide	Captan	n/a	=	0.2	%	EPA 525.2	-88	-88	0	30	
2021/22-PRE	Lab	LCS	9/10/2021	Pesticide	Captan	n/a	=	7.04	µg/L	EPA 525.2	0.16	1			EUM
2021/22-PRE	Lab	LCS, rec	9/10/2021	Pesticide	Captan	n/a	=	141	%	EPA 525.2	-88	-88	70	130	EUM
2021/22-PRE	Lab	method blank	9/10/2021	Pesticide	Captan	n/a	<	0.16	µg/L	EPA 525.2	0.16	1			
2021/22-PRE	Lab	method blank	10/1/2021	Pesticide	Captan	n/a	<	0.16	µg/L	EPA 525.2	0.16	1			
2021/22-PRE	Lab	LCS	10/1/2021	Pesticide	Captan	n/a	=	4.41	µg/L	EPA 525.2	0.16	1			
2021/22-PRE	Lab	LCS, rec	10/1/2021	Pesticide	Captan	n/a	=	88	%	EPA 525.2	-88	-88	70	130	
2021/22-PRE	Lab	LCS dup	10/1/2021	Pesticide	Captan	n/a	=	4.51	µg/L	EPA 525.2	0.16	1			
2021/22-PRE	Lab	LCS dup, rec	10/1/2021	Pesticide	Captan	n/a	=	90	%	EPA 525.2	-88	-88	70	130	
2021/22-PRE	Lab	LCS, RPD	10/1/2021	Pesticide	Captan	n/a	=	2	%	EPA 525.2	-88	-88	0	30	
2021/22-PRE	Tubing Blank	equip blank	9/9/2021	Pesticide	Captan	n/a	<	0.16	µg/L	EPA 525.2	0.16	1			GR
2021/22-PRE	hankwater-ultrapur	equip blank	10/1/2021	Pesticide	Chloroprotham	n/a	<	0.04	µg/L	EPA 525.2	0.04	0.1			
2021/22-PRE	Carboy Blank	equip blank	9/10/2021	Pesticide	Chloroprotham	n/a	<	0.04	µg/L	EPA 525.2	0.04	0.1			
2021/22-PRE	Lab	LCS dup	9/9/2021	Pesticide	Chloroprotham	n/a	=	7.33	µg/L	EPA 525.2	0.04	0.1			EUM
2021/22-PRE	Lab	LCS dup, rec	9/9/2021	Pesticide	Chloroprotham	n/a	=	147	%	EPA 525.2	-88	-88	70	130	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	
2021/22-PRE	Lab	LCS, RPD	9/9/2021	Pesticide	Chloroprotham	n/a	=	27	%	EPA 525.2	-88	-88	0	30	
2021/22-PRE	Lab	LCS	9/10/2021	Pesticide	Chloroprotham	n/a	=	9.59	µg/L	EPA 525.2	0.04	0.1			EUM
2021/22-PRE	Lab	LCS, rec	9/10/2021	Pesticide	Chloroprotham	n/a	=	192	%	EPA 525.2	-88	-88	70	130	EUM
2021/22-PRE	Lab	method blank	9/10/2021	Pesticide	Chloroprotham	n/a	<	0.04	µg/L	EPA 525.2	0.04	0.1			GR
2021/22-PRE	Lab	method blank	10/1/2021	Pesticide	Chloroprotham	n/a	<	0.04	µg/L	EPA 525.2	0.04	0.1			
2021/22-PRE	Lab	LCS	10/1/2021	Pesticide	Chloroprotham	n/a	=	6.35	µg/L	EPA 525.2	0.04	0.1			
2021/22-PRE	Lab	LCS, rec	10/1/2021	Pesticide	Chloroprotham	n/a	=	127	%	EPA 525.2	-88	-88	70	130	
2021/22-PRE	Lab	LCS dup	10/1/2021	Pesticide	Chloroprotham	n/a	=	6.1	µg/L	EPA 525.2	0.04	0.1			
2021/22-PRE	Lab	LCS dup, rec	10/1/2021	Pesticide	Chloroprotham	n/a	=	122	%	EPA 525.2	-88	-88	70	130	
2021/22-PRE	Lab	LCS, RPD	10/1/2021	Pesticide	Chloroprotham	n/a	=	4	%	EPA 525.2	-88	-88	0	30	
2021/22-PRE	Tubing Blank	equip blank	9/9/2021	Pesticide	Chloroprotham	n/a	<	0.04	µg/L	EPA 525.2	0.04	0.1			GR
2021/22-PRE	hankwater-ultrapur	equip blank	10/1/2021	Pesticide	Cyanazine	n/a	<	0.04	µg/L	EPA 525.2	0.04	0.1			
2021/22-PRE	Carboy Blank	equip blank	9/10/2021	Pesticide	Cyanazine	n/a	<	0.04	µg/L	EPA 525.2	0.04	0.1			
2021/22-PRE	Lab	LCS dup	9/9/2021	Pesticide	Cyanazine	n/a	=	5.56	µg/L	EPA 525.2	0.04	0.1			
2021/22-PRE	Lab	LCS dup, rec	9/9/2021	Pesticide	Cyanazine	n/a	=	111	%	EPA 525.2	-88	-88	70	130	
2021/22-PRE	Lab	LCS, RPD	9/9/2021	Pesticide	Cyanazine	n/a	=	8	%	EPA 525.2	-88	-88	0	30	
2021/22-PRE	Lab	LCS	9/10/2021	Pesticide	Cyanazine	n/a	=	6.05	µg/L	EPA 525.2	0.04	0.1			
2021/22-PRE	Lab	LCS, rec	9/10/2021	Pesticide	Cyanazine	n/a	=	121	%	EPA 525.2	-88	-88	70	130	
2021/22-PRE	Lab	method blank	9/10/2021	Pesticide	Cyanazine	n/a	<	0.04	µg/L	EPA 525.2	0.04	0.1			
2021/22-PRE	Lab	method blank	10/1/2021	Pesticide	Cyanazine	n/a	<	0.04	µg/L	EPA 525.2	0.04	0.1			
2021/22-PRE	Lab	LCS	10/1/2021	Pesticide	Cyanazine	n/a	=	5.72	µg/L	EPA 525.2	0.04	0.1			
2021/22-PRE	Lab	LCS, rec	10/1/2021	Pesticide	Cyanazine	n/a	=	114	%	EPA 525.2	-88	-88	70	130	
2021/22-PRE	Lab	LCS dup	10/1/2021	Pesticide	Cyanazine	n/a	=	5.64	µg/L	EPA 525.2	0.04	0.1			
2021/22-PRE	Lab	LCS dup, rec	10/1/2021	Pesticide	Cyanazine	n/a	=	113	%	EPA 525.2	-88	-88	70	130	
2021/22-PRE	Lab	LCS, RPD	10/1/2021	Pesticide	Cyanazine	n/a	=	1	%	EPA 525.2	-88	-88	0	30	
2021/22-PRE	Tubing Blank	equip blank	9/9/2021	Pesticide	Cyanazine	n/a	<	0.04	µg/L	EPA 525.2	0.04	0.1			GR
2021/22-PRE	hankwater-ultrapur	equip blank	10/1/2021	Pesticide	Diazinon	n/a	<	0.05	µg/L	EPA 525.2	0.05	0.1			
2021/22-PRE	Carboy Blank	equip blank	9/10/2021	Pesticide	Diazinon	n/a	<	0.05	µg/L	EPA 525.2	0.05	0.1			
2021/22-PRE	Lab	LCS dup	9/9/2021	Pesticide	Diazinon	n/a	=	4.18	µg/L	EPA 525.2	0.05	0.1			
2021/22-PRE	Lab	LCS dup, rec	9/9/2021	Pesticide	Diazinon	n/a	=	84	%	EPA 525.2	-88	-88	50	120	
2021/22-PRE	Lab	LCS, RPD	9/9/2021	Pesticide	Diazinon	n/a	=	14	%	EPA 525.2	-88	-88	0	30	
2021/22-PRE	Lab	LCS	9/10/2021	Pesticide	Diazinon	n/a	=	3.65	µg/L	EPA 525.2	0.05	0.1			
2021/22-PRE	Lab	LCS, rec	9/10/2021	Pesticide	Diazinon	n/a	=	73	%	EPA 525.2	-88	-88	50	120	
2021/22-PRE	Lab	method blank	9/10/2021	Pesticide	Diazinon	n/a	<	0.05	µg/L	EPA 525.2	0.05	0.1			
2021/22-PRE	Lab	method blank	10/1/2021	Pesticide	Diazinon	n/a	<	0.05	µg/L	EPA 525.2	0.05	0.1			
2021/22-PRE	Lab	LCS	10/1/2021	Pesticide	Diazinon	n/a	=	4.79	µg/L	EPA 525.2	0.05	0.1			
2021/22-PRE	Lab	LCS, rec	10/1/2021	Pesticide	Diazinon	n/a	=	96	%	EPA 525.2	-88	-88	50	120	
2021/22-PRE	Lab	LCS dup	10/1/2021	Pesticide	Diazinon	n/a	=	5.2	µg/L	EPA 525.2	0.05	0.1			
2021/22-PRE	Lab	LCS dup, rec	10/1/2021	Pesticide	Diazinon	n/a	=	104	%	EPA 525.2	-88	-88	50	120	
2021/22-PRE	Lab	LCS, RPD	10/1/2021	Pesticide	Diazinon	n/a	=	8	%	EPA 525.2	-88	-88	0	30	
2021/22-PRE	Tubing Blank	equip blank	9/9/2021	Pesticide	Diazinon	n/a	<	0.05	µg/L	EPA 525.2	0.05	0.1			
2021/22-PRE	hankwater-ultrapur	equip blank	10/1/2021	Pesticide	Dimethoate	n/a	DNQ	0.04	µg/L	EPA 525.2	0.02	0.2			
2021/22-PRE	Carboy Blank	equip blank	9/10/2021	Pesticide	Dimethoate	n/a	<	0.02	µg/L	EPA 525.2	0.02	0.2			
2021/22-PRE	Lab	LCS dup	9/9/2021	Pesticide	Dimethoate	n/a	=	6.24	µg/L	EPA 525.2	0.02	0.2			EUM
2021/22-PRE	Lab	LCS dup, rec	9/9/2021	Pesticide	Dimethoate	n/a	=	125	%	EPA 525.2	-88	-88	50	120	EUM
2021/22-PRE	Lab	LCS, RPD	9/9/2021	Pesticide	Dimethoate	n/a	=	17	%	EPA 525.2	-88	-88	0	30	
2021/22-PRE	Lab	LCS	9/10/2021	Pesticide	Dimethoate	n/a	=	7.37	µg/L	EPA 525.2	0.02	0.2			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	
2021/22-PRE	Lab	LCS, rec	9/10/2021	Pesticide	Dimethoate	n/a	=	147	%	EPA 525.2	-88	-88	50	120	EUM
2021/22-PRE	Lab	method blank	9/10/2021	Pesticide	Dimethoate	n/a	<	0.02	µg/L	EPA 525.2	0.02	0.2			GR
2021/22-PRE	Lab	method blank	10/1/2021	Pesticide	Dimethoate	n/a	<	0.02	µg/L	EPA 525.2	0.02	0.2			
2021/22-PRE	Lab	LCS	10/1/2021	Pesticide	Dimethoate	n/a	=	5.05	µg/L	EPA 525.2	0.02	0.2			
2021/22-PRE	Lab	LCS, rec	10/1/2021	Pesticide	Dimethoate	n/a	=	101	%	EPA 525.2	-88	-88	50	120	
2021/22-PRE	Lab	LCS dup	10/1/2021	Pesticide	Dimethoate	n/a	=	5.55	µg/L	EPA 525.2	0.02	0.2			
2021/22-PRE	Lab	LCS dup, rec	10/1/2021	Pesticide	Dimethoate	n/a	=	111	%	EPA 525.2	-88	-88	50	120	
2021/22-PRE	Lab	LCS, RPD	10/1/2021	Pesticide	Dimethoate	n/a	=	9	%	EPA 525.2	-88	-88	0	30	
2021/22-PRE	Tubing Blank	equip blank	9/9/2021	Pesticide	Dimethoate	n/a	<	0.02	µg/L	EPA 525.2	0.02	0.2			GR
2021/22-PRE	hankwater-ultrapur	equip blank	10/1/2021	Pesticide	Diphenamid	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1			
2021/22-PRE	Carboy Blank	equip blank	9/10/2021	Pesticide	Diphenamid	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1			
2021/22-PRE	Lab	LCS dup	9/9/2021	Pesticide	Diphenamid	n/a	=	6.53	µg/L	EPA 525.2	0.03	0.1			EUM
2021/22-PRE	Lab	LCS dup, rec	9/9/2021	Pesticide	Diphenamid	n/a	=	131	%	EPA 525.2	-88	-88	70	130	EUM
2021/22-PRE	Lab	LCS, RPD	9/9/2021	Pesticide	Diphenamid	n/a	=	8	%	EPA 525.2	-88	-88	0	30	
2021/22-PRE	Lab	LCS	9/10/2021	Pesticide	Diphenamid	n/a	=	7.11	µg/L	EPA 525.2	0.03	0.1			EUM
2021/22-PRE	Lab	LCS, rec	9/10/2021	Pesticide	Diphenamid	n/a	=	142	%	EPA 525.2	-88	-88	70	130	EUM
2021/22-PRE	Lab	method blank	9/10/2021	Pesticide	Diphenamid	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1			
2021/22-PRE	Lab	method blank	10/1/2021	Pesticide	Diphenamid	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1			
2021/22-PRE	Lab	LCS	10/1/2021	Pesticide	Diphenamid	n/a	=	5.43	µg/L	EPA 525.2	0.03	0.1			
2021/22-PRE	Lab	LCS, rec	10/1/2021	Pesticide	Diphenamid	n/a	=	109	%	EPA 525.2	-88	-88	70	130	
2021/22-PRE	Lab	LCS dup	10/1/2021	Pesticide	Diphenamid	n/a	=	5.34	µg/L	EPA 525.2	0.03	0.1			
2021/22-PRE	Lab	LCS dup, rec	10/1/2021	Pesticide	Diphenamid	n/a	=	107	%	EPA 525.2	-88	-88	70	130	
2021/22-PRE	Lab	LCS, RPD	10/1/2021	Pesticide	Diphenamid	n/a	=	2	%	EPA 525.2	-88	-88	0	30	
2021/22-PRE	Tubing Blank	equip blank	9/9/2021	Pesticide	Diphenamid	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1			GR
2021/22-PRE	hankwater-ultrapur	equip blank	10/1/2021	Pesticide	Disulfoton	n/a	<	0.04	µg/L	EPA 525.2	0.04	0.1			
2021/22-PRE	Carboy Blank	equip blank	9/10/2021	Pesticide	Disulfoton	n/a	<	0.04	µg/L	EPA 525.2	0.04	0.1			
2021/22-PRE	Lab	LCS dup	9/9/2021	Pesticide	Disulfoton	n/a	=	4.89	µg/L	EPA 525.2	0.04	0.1			
2021/22-PRE	Lab	LCS dup, rec	9/9/2021	Pesticide	Disulfoton	n/a	=	98	%	EPA 525.2	-88	-88	50	120	
2021/22-PRE	Lab	LCS, RPD	9/9/2021	Pesticide	Disulfoton	n/a	=	3	%	EPA 525.2	-88	-88	0	30	
2021/22-PRE	Lab	LCS	9/10/2021	Pesticide	Disulfoton	n/a	=	4.73	µg/L	EPA 525.2	0.04	0.1			
2021/22-PRE	Lab	LCS, rec	9/10/2021	Pesticide	Disulfoton	n/a	=	95	%	EPA 525.2	-88	-88	50	120	
2021/22-PRE	Lab	method blank	9/10/2021	Pesticide	Disulfoton	n/a	<	0.04	µg/L	EPA 525.2	0.04	0.1			
2021/22-PRE	Lab	method blank	10/1/2021	Pesticide	Disulfoton	n/a	<	0.04	µg/L	EPA 525.2	0.04	0.1			
2021/22-PRE	Lab	LCS	10/1/2021	Pesticide	Disulfoton	n/a	=	5.17	µg/L	EPA 525.2	0.04	0.1			
2021/22-PRE	Lab	LCS, rec	10/1/2021	Pesticide	Disulfoton	n/a	=	103	%	EPA 525.2	-88	-88	50	120	
2021/22-PRE	Lab	LCS dup	10/1/2021	Pesticide	Disulfoton	n/a	=	5.21	µg/L	EPA 525.2	0.04	0.1			
2021/22-PRE	Lab	LCS dup, rec	10/1/2021	Pesticide	Disulfoton	n/a	=	104	%	EPA 525.2	-88	-88	50	120	
2021/22-PRE	Lab	LCS, RPD	10/1/2021	Pesticide	Disulfoton	n/a	=	0.9	%	EPA 525.2	-88	-88	0	30	
2021/22-PRE	Tubing Blank	equip blank	9/9/2021	Pesticide	Disulfoton	n/a	<	0.04	µg/L	EPA 525.2	0.04	0.1			GR
2021/22-PRE	hankwater-ultrapur	equip blank	10/1/2021	Pesticide	EPTC	n/a	<	0.02	µg/L	EPA 525.2	0.02	0.1			
2021/22-PRE	Carboy Blank	equip blank	9/10/2021	Pesticide	EPTC	n/a	<	0.02	µg/L	EPA 525.2	0.02	0.1			
2021/22-PRE	Lab	LCS dup	9/9/2021	Pesticide	EPTC	n/a	=	5.64	µg/L	EPA 525.2	0.02	0.1			
2021/22-PRE	Lab	LCS dup, rec	9/9/2021	Pesticide	EPTC	n/a	=	113	%	EPA 525.2	-88	-88	70	130	
2021/22-PRE	Lab	LCS, RPD	9/9/2021	Pesticide	EPTC	n/a	=	4	%	EPA 525.2	-88	-88	0	30	
2021/22-PRE	Lab	LCS	9/10/2021	Pesticide	EPTC	n/a	=	5.44	µg/L	EPA 525.2	0.02	0.1			
2021/22-PRE	Lab	LCS, rec	9/10/2021	Pesticide	EPTC	n/a	=	109	%	EPA 525.2	-88	-88	70	130	
2021/22-PRE	Lab	method blank	9/10/2021	Pesticide	EPTC	n/a	<	0.02	µg/L	EPA 525.2	0.02	0.1			GR

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2021/22-PRE	Lab	method blank	10/1/2021	Pesticide	EPTC	n/a	<	0.02	µg/L	EPA 525.2	0.02	0.1			
2021/22-PRE	Lab	LCS	10/1/2021	Pesticide	EPTC	n/a	=	5.38	µg/L	EPA 525.2	0.02	0.1			
2021/22-PRE	Lab	LCS, rec	10/1/2021	Pesticide	EPTC	n/a	=	108	%	EPA 525.2	-88	-88	70	130	
2021/22-PRE	Lab	LCS dup	10/1/2021	Pesticide	EPTC	n/a	=	5.47	µg/L	EPA 525.2	0.02	0.1			
2021/22-PRE	Lab	LCS dup, rec	10/1/2021	Pesticide	EPTC	n/a	=	109	%	EPA 525.2	-88	-88	70	130	
2021/22-PRE	Lab	LCS, RPD	10/1/2021	Pesticide	EPTC	n/a	=	2	%	EPA 525.2	-88	-88	0	30	
2021/22-PRE	Tubing Blank	equip blank	9/9/2021	Pesticide	EPTC	n/a	<	0.02	µg/L	EPA 525.2	0.02	0.1			GR
2021/22-PRE	hankwater-ultrapur	equip blank	10/1/2021	Pesticide	Metolachlor	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1			
2021/22-PRE	Carboy Blank	equip blank	9/10/2021	Pesticide	Metolachlor	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1			
2021/22-PRE	Lab	LCS dup	9/9/2021	Pesticide	Metolachlor	n/a	=	5.77	µg/L	EPA 525.2	0.03	0.1			
2021/22-PRE	Lab	LCS dup, rec	9/9/2021	Pesticide	Metolachlor	n/a	=	115	%	EPA 525.2	-88	-88	60	130	
2021/22-PRE	Lab	LCS, RPD	9/9/2021	Pesticide	Metolachlor	n/a	=	3	%	EPA 525.2	-88	-88	0	30	
2021/22-PRE	Lab	LCS	9/10/2021	Pesticide	Metolachlor	n/a	=	5.58	µg/L	EPA 525.2	0.03	0.1			
2021/22-PRE	Lab	LCS, rec	9/10/2021	Pesticide	Metolachlor	n/a	=	112	%	EPA 525.2	-88	-88	60	130	
2021/22-PRE	Lab	method blank	9/10/2021	Pesticide	Metolachlor	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1			
2021/22-PRE	Lab	method blank	10/1/2021	Pesticide	Metolachlor	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1			
2021/22-PRE	Lab	LCS	10/1/2021	Pesticide	Metolachlor	n/a	=	5.89	µg/L	EPA 525.2	0.03	0.1			
2021/22-PRE	Lab	LCS, rec	10/1/2021	Pesticide	Metolachlor	n/a	=	118	%	EPA 525.2	-88	-88	60	130	
2021/22-PRE	Lab	LCS dup	10/1/2021	Pesticide	Metolachlor	n/a	=	6.05	µg/L	EPA 525.2	0.03	0.1			
2021/22-PRE	Lab	LCS dup, rec	10/1/2021	Pesticide	Metolachlor	n/a	=	121	%	EPA 525.2	-88	-88	60	130	
2021/22-PRE	Lab	LCS, RPD	10/1/2021	Pesticide	Metolachlor	n/a	=	3	%	EPA 525.2	-88	-88	0	30	
2021/22-PRE	Tubing Blank	equip blank	9/9/2021	Pesticide	Metolachlor	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1			
2021/22-PRE	hankwater-ultrapur	equip blank	10/1/2021	Pesticide	Metribuzin	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1			
2021/22-PRE	Carboy Blank	equip blank	9/10/2021	Pesticide	Metribuzin	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1			
2021/22-PRE	Lab	LCS dup	9/9/2021	Pesticide	Metribuzin	n/a	=	4.75	µg/L	EPA 525.2	0.03	0.1			
2021/22-PRE	Lab	LCS dup, rec	9/9/2021	Pesticide	Metribuzin	n/a	=	95	%	EPA 525.2	-88	-88	50	120	
2021/22-PRE	Lab	LCS, RPD	9/9/2021	Pesticide	Metribuzin	n/a	=	12	%	EPA 525.2	-88	-88	0	30	
2021/22-PRE	Lab	LCS	9/10/2021	Pesticide	Metribuzin	n/a	=	4.2	µg/L	EPA 525.2	0.03	0.1			
2021/22-PRE	Lab	LCS, rec	9/10/2021	Pesticide	Metribuzin	n/a	=	84	%	EPA 525.2	-88	-88	50	120	
2021/22-PRE	Lab	method blank	9/10/2021	Pesticide	Metribuzin	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1			
2021/22-PRE	Lab	method blank	10/1/2021	Pesticide	Metribuzin	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1			
2021/22-PRE	Lab	LCS	10/1/2021	Pesticide	Metribuzin	n/a	=	5.26	µg/L	EPA 525.2	0.03	0.1			
2021/22-PRE	Lab	LCS, rec	10/1/2021	Pesticide	Metribuzin	n/a	=	105	%	EPA 525.2	-88	-88	50	120	
2021/22-PRE	Lab	LCS dup	10/1/2021	Pesticide	Metribuzin	n/a	=	5.62	µg/L	EPA 525.2	0.03	0.1			
2021/22-PRE	Lab	LCS dup, rec	10/1/2021	Pesticide	Metribuzin	n/a	=	112	%	EPA 525.2	-88	-88	50	120	
2021/22-PRE	Lab	LCS, RPD	10/1/2021	Pesticide	Metribuzin	n/a	=	7	%	EPA 525.2	-88	-88	0	30	
2021/22-PRE	Tubing Blank	equip blank	9/9/2021	Pesticide	Metribuzin	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1			
2021/22-PRE	hankwater-ultrapur	equip blank	10/1/2021	Pesticide	Molinate	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1			
2021/22-PRE	Carboy Blank	equip blank	9/10/2021	Pesticide	Molinate	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1			
2021/22-PRE	Lab	LCS dup	9/9/2021	Pesticide	Molinate	n/a	=	7.07	µg/L	EPA 525.2	0.03	0.1			EUM
2021/22-PRE	Lab	LCS dup, rec	9/9/2021	Pesticide	Molinate	n/a	=	141	%	EPA 525.2	-88	-88	70	130	EUM
2021/22-PRE	Lab	LCS, RPD	9/9/2021	Pesticide	Molinate	n/a	=	6	%	EPA 525.2	-88	-88	0	30	
2021/22-PRE	Lab	LCS	9/10/2021	Pesticide	Molinate	n/a	=	7.47	µg/L	EPA 525.2	0.03	0.1			EUM
2021/22-PRE	Lab	LCS, rec	9/10/2021	Pesticide	Molinate	n/a	=	149	%	EPA 525.2	-88	-88	70	130	EUM
2021/22-PRE	Lab	method blank	9/10/2021	Pesticide	Molinate	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1			GR
2021/22-PRE	Lab	method blank	10/1/2021	Pesticide	Molinate	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1			
2021/22-PRE	Lab	LCS	10/1/2021	Pesticide	Molinate	n/a	=	5.78	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	
2021/22-PRE	Lab	LCS, rec	10/1/2021	Pesticide	Molinate	n/a	=	116	%	EPA 525.2	-88	-88	70	130	
2021/22-PRE	Lab	LCS dup	10/1/2021	Pesticide	Molinate	n/a	=	5.77	µg/L	EPA 525.2	0.03	0.1			
2021/22-PRE	Lab	LCS dup, rec	10/1/2021	Pesticide	Molinate	n/a	=	115	%	EPA 525.2	-88	-88	70	130	
2021/22-PRE	Lab	LCS, RPD	10/1/2021	Pesticide	Molinate	n/a	=	0.1	%	EPA 525.2	-88	-88	0	30	
2021/22-PRE	Tubing Blank	equip blank	9/9/2021	Pesticide	Molinate	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1			GR
2021/22-PRE	000NONPJ	matrix spike	8/26/2021	Pesticide	Pentachlorophenol	n/a	=	16.3	µg/L	EPA 625.1	0.8	2			DG
2021/22-PRE	000NONPJ	matrix spike, rec	8/26/2021	Pesticide	Pentachlorophenol	n/a	=	81	%	EPA 625.1	-88	-88	0.1	133	DG
2021/22-PRE	000NONPJ	matrix spike dup	8/26/2021	Pesticide	Pentachlorophenol	n/a	=	18.8	µg/L	EPA 625.1	0.8	2			DG
2021/22-PRE	000NONPJ	matrix spike dup, rec	8/26/2021	Pesticide	Pentachlorophenol	n/a	=	94	%	EPA 625.1	-88	-88	0.1	133	DG
2021/22-PRE	000NONPJ	matrix spike, RPD	8/26/2021	Pesticide	Pentachlorophenol	n/a	=	15	%	EPA 625.1	-88	-88	0	30	DG
2021/22-PRE	Carboy Blank	equip blank	8/26/2021	Pesticide	Pentachlorophenol	n/a	<	0.4	µg/L	EPA 625.1	0.4	1			
2021/22-PRE	Lab	LCS	8/26/2021	Pesticide	Pentachlorophenol	n/a	=	20.8	µg/L	EPA 625.1	0.4	1			
2021/22-PRE	Lab	LCS, rec	8/26/2021	Pesticide	Pentachlorophenol	n/a	=	104	%	EPA 625.1	-88	-88	41	120	
2021/22-PRE	Lab	method blank	8/26/2021	Pesticide	Pentachlorophenol	n/a	<	0.4	µg/L	EPA 625.1	0.4	1			
2021/22-PRE	Tubing Blank	equip blank	8/26/2021	Pesticide	Pentachlorophenol	n/a	<	0.4	µg/L	EPA 625.1	0.4	1			
2021/22-PRE	hankwater-ultrapur	equip blank	10/1/2021	Pesticide	Prometon	n/a	<	0.01	µg/L	EPA 525.2	0.01	0.1			
2021/22-PRE	Carboy Blank	equip blank	9/10/2021	Pesticide	Prometon	n/a	<	0.01	µg/L	EPA 525.2	0.01	0.1			
2021/22-PRE	Lab	LCS dup	9/9/2021	Pesticide	Prometon	n/a	=	1.33	µg/L	EPA 525.2	0.01	0.1			
2021/22-PRE	Lab	LCS dup, rec	9/9/2021	Pesticide	Prometon	n/a	=	27	%	EPA 525.2	-88	-88	15	120	
2021/22-PRE	Lab	LCS, RPD	9/9/2021	Pesticide	Prometon	n/a	=	28	%	EPA 525.2	-88	-88	0	30	
2021/22-PRE	Lab	LCS	9/10/2021	Pesticide	Prometon	n/a	=	1	µg/L	EPA 525.2	0.01	0.1			
2021/22-PRE	Lab	LCS, rec	9/10/2021	Pesticide	Prometon	n/a	=	20	%	EPA 525.2	-88	-88	15	120	
2021/22-PRE	Lab	method blank	9/10/2021	Pesticide	Prometon	n/a	<	0.01	µg/L	EPA 525.2	0.01	0.1			
2021/22-PRE	Lab	method blank	10/1/2021	Pesticide	Prometon	n/a	<	0.01	µg/L	EPA 525.2	0.01	0.1			
2021/22-PRE	Lab	LCS	10/1/2021	Pesticide	Prometon	n/a	=	2.89	µg/L	EPA 525.2	0.01	0.1			
2021/22-PRE	Lab	LCS, rec	10/1/2021	Pesticide	Prometon	n/a	=	58	%	EPA 525.2	-88	-88	15	120	
2021/22-PRE	Lab	LCS dup	10/1/2021	Pesticide	Prometon	n/a	=	3.08	µg/L	EPA 525.2	0.01	0.1			
2021/22-PRE	Lab	LCS dup, rec	10/1/2021	Pesticide	Prometon	n/a	=	62	%	EPA 525.2	-88	-88	15	120	
2021/22-PRE	Lab	LCS, RPD	10/1/2021	Pesticide	Prometon	n/a	=	7	%	EPA 525.2	-88	-88	0	30	
2021/22-PRE	Tubing Blank	equip blank	9/9/2021	Pesticide	Prometon	n/a	<	0.01	µg/L	EPA 525.2	0.01	0.1			
2021/22-PRE	hankwater-ultrapur	equip blank	10/1/2021	Pesticide	Prometryn	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1			
2021/22-PRE	Carboy Blank	equip blank	9/10/2021	Pesticide	Prometryn	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1			
2021/22-PRE	Lab	LCS dup	9/9/2021	Pesticide	Prometryn	n/a	=	4.65	µg/L	EPA 525.2	0.03	0.1			
2021/22-PRE	Lab	LCS dup, rec	9/9/2021	Pesticide	Prometryn	n/a	=	93	%	EPA 525.2	-88	-88	30	120	
2021/22-PRE	Lab	LCS, RPD	9/9/2021	Pesticide	Prometryn	n/a	=	9	%	EPA 525.2	-88	-88	0	30	
2021/22-PRE	Lab	LCS	9/10/2021	Pesticide	Prometryn	n/a	=	4.26	µg/L	EPA 525.2	0.03	0.1			
2021/22-PRE	Lab	LCS, rec	9/10/2021	Pesticide	Prometryn	n/a	=	85	%	EPA 525.2	-88	-88	30	120	
2021/22-PRE	Lab	method blank	9/10/2021	Pesticide	Prometryn	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1			
2021/22-PRE	Lab	method blank	10/1/2021	Pesticide	Prometryn	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1			
2021/22-PRE	Lab	LCS	10/1/2021	Pesticide	Prometryn	n/a	=	4.79	µg/L	EPA 525.2	0.03	0.1			
2021/22-PRE	Lab	LCS, rec	10/1/2021	Pesticide	Prometryn	n/a	=	96	%	EPA 525.2	-88	-88	30	120	
2021/22-PRE	Lab	LCS dup	10/1/2021	Pesticide	Prometryn	n/a	=	4.82	µg/L	EPA 525.2	0.03	0.1			
2021/22-PRE	Lab	LCS dup, rec	10/1/2021	Pesticide	Prometryn	n/a	=	96	%	EPA 525.2	-88	-88	30	120	
2021/22-PRE	Lab	LCS, RPD	10/1/2021	Pesticide	Prometryn	n/a	=	0.7	%	EPA 525.2	-88	-88	0	30	
2021/22-PRE	Tubing Blank	equip blank	9/9/2021	Pesticide	Prometryn	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1			
2021/22-PRE	Lab	method blank	10/1/2021	Pesticide	Propachlor	n/a	<	0.17	µg/L	EPA 525.2	0.17	0.2			
2021/22-PRE	Lab	LCS	10/1/2021	Pesticide	Propachlor	n/a	=	6.33	µg/L	EPA 525.2	0.17	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	
2021/22-PRE	Lab	LCS, rec	10/1/2021	Pesticide	Propachlor	n/a	=	127	%	EPA 525.2	-88	-88	70	130	
2021/22-PRE	Lab	LCS dup	10/1/2021	Pesticide	Propachlor	n/a	=	6.03	µg/L	EPA 525.2	0.17	0.2			
2021/22-PRE	Lab	LCS dup, rec	10/1/2021	Pesticide	Propachlor	n/a	=	121	%	EPA 525.2	-88	-88	70	130	
2021/22-PRE	Lab	LCS, RPD	10/1/2021	Pesticide	Propachlor	n/a	=	5	%	EPA 525.2	-88	-88	0	30	
2021/22-PRE	hankwater-ultrapur	equip blank	10/1/2021	Pesticide	Simazine	n/a	<	0.02	µg/L	EPA 525.2	0.02	0.1			
2021/22-PRE	Carboy Blank	equip blank	9/10/2021	Pesticide	Simazine	n/a	<	0.02	µg/L	EPA 525.2	0.02	0.1			
2021/22-PRE	Lab	LCS dup	9/9/2021	Pesticide	Simazine	n/a	=	5.69	µg/L	EPA 525.2	0.02	0.1			
2021/22-PRE	Lab	LCS dup, rec	9/9/2021	Pesticide	Simazine	n/a	=	114	%	EPA 525.2	-88	-88	60	130	
2021/22-PRE	Lab	LCS, RPD	9/9/2021	Pesticide	Simazine	n/a	=	13	%	EPA 525.2	-88	-88	0	30	
2021/22-PRE	Lab	LCS	9/10/2021	Pesticide	Simazine	n/a	=	4.99	µg/L	EPA 525.2	0.02	0.1			
2021/22-PRE	Lab	LCS, rec	9/10/2021	Pesticide	Simazine	n/a	=	100	%	EPA 525.2	-88	-88	60	130	
2021/22-PRE	Lab	method blank	9/10/2021	Pesticide	Simazine	n/a	<	0.02	µg/L	EPA 525.2	0.02	0.1			
2021/22-PRE	Lab	method blank	10/1/2021	Pesticide	Simazine	n/a	<	0.02	µg/L	EPA 525.2	0.02	0.1			
2021/22-PRE	Lab	LCS	10/1/2021	Pesticide	Simazine	n/a	=	5.65	µg/L	EPA 525.2	0.02	0.1			
2021/22-PRE	Lab	LCS, rec	10/1/2021	Pesticide	Simazine	n/a	=	113	%	EPA 525.2	-88	-88	60	130	
2021/22-PRE	Lab	LCS dup	10/1/2021	Pesticide	Simazine	n/a	=	6	µg/L	EPA 525.2	0.02	0.1			
2021/22-PRE	Lab	LCS dup, rec	10/1/2021	Pesticide	Simazine	n/a	=	120	%	EPA 525.2	-88	-88	60	130	
2021/22-PRE	Lab	LCS, RPD	10/1/2021	Pesticide	Simazine	n/a	=	6	%	EPA 525.2	-88	-88	0	30	
2021/22-PRE	Tubing Blank	equip blank	9/9/2021	Pesticide	Simazine	n/a	<	0.02	µg/L	EPA 525.2	0.02	0.1			
2021/22-PRE	hankwater-ultrapur	equip blank	10/1/2021	Pesticide	Terbacil	n/a	<	0.09	µg/L	EPA 525.2	0.09	2			
2021/22-PRE	Carboy Blank	equip blank	9/10/2021	Pesticide	Terbacil	n/a	<	0.09	µg/L	EPA 525.2	0.09	2			
2021/22-PRE	Lab	LCS dup	9/9/2021	Pesticide	Terbacil	n/a	=	6.71	µg/L	EPA 525.2	0.09	2			EUM
2021/22-PRE	Lab	LCS dup, rec	9/9/2021	Pesticide	Terbacil	n/a	=	134	%	EPA 525.2	-88	-88	70	130	EUM
2021/22-PRE	Lab	LCS, RPD	9/9/2021	Pesticide	Terbacil	n/a	=	4	%	EPA 525.2	-88	-88	0	30	
2021/22-PRE	Lab	LCS	9/10/2021	Pesticide	Terbacil	n/a	=	6.44	µg/L	EPA 525.2	0.09	2			
2021/22-PRE	Lab	LCS, rec	9/10/2021	Pesticide	Terbacil	n/a	=	129	%	EPA 525.2	-88	-88	70	130	
2021/22-PRE	Lab	method blank	9/10/2021	Pesticide	Terbacil	n/a	<	0.09	µg/L	EPA 525.2	0.09	2			
2021/22-PRE	Lab	method blank	10/1/2021	Pesticide	Terbacil	n/a	<	0.09	µg/L	EPA 525.2	0.09	2			
2021/22-PRE	Lab	LCS	10/1/2021	Pesticide	Terbacil	n/a	=	5.95	µg/L	EPA 525.2	0.09	2			
2021/22-PRE	Lab	LCS, rec	10/1/2021	Pesticide	Terbacil	n/a	=	119	%	EPA 525.2	-88	-88	70	130	
2021/22-PRE	Lab	LCS dup	10/1/2021	Pesticide	Terbacil	n/a	=	6.19	µg/L	EPA 525.2	0.09	2			
2021/22-PRE	Lab	LCS dup, rec	10/1/2021	Pesticide	Terbacil	n/a	=	124	%	EPA 525.2	-88	-88	70	130	
2021/22-PRE	Lab	LCS, RPD	10/1/2021	Pesticide	Terbacil	n/a	=	4	%	EPA 525.2	-88	-88	0	30	
2021/22-PRE	Tubing Blank	equip blank	9/9/2021	Pesticide	Terbacil	n/a	<	0.09	µg/L	EPA 525.2	0.09	2			GR
2021/22-PRE	hankwater-ultrapur	equip blank	10/1/2021	Pesticide	Thiobencarb	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1			
2021/22-PRE	Carboy Blank	equip blank	9/10/2021	Pesticide	Thiobencarb	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1			
2021/22-PRE	Lab	LCS dup	9/9/2021	Pesticide	Thiobencarb	n/a	=	4.59	µg/L	EPA 525.2	0.03	0.1			
2021/22-PRE	Lab	LCS dup, rec	9/9/2021	Pesticide	Thiobencarb	n/a	=	92	%	EPA 525.2	-88	-88	70	130	
2021/22-PRE	Lab	LCS, RPD	9/9/2021	Pesticide	Thiobencarb	n/a	=	6	%	EPA 525.2	-88	-88	0	30	
2021/22-PRE	Lab	LCS	9/10/2021	Pesticide	Thiobencarb	n/a	=	4.32	µg/L	EPA 525.2	0.03	0.1			
2021/22-PRE	Lab	LCS, rec	9/10/2021	Pesticide	Thiobencarb	n/a	=	86	%	EPA 525.2	-88	-88	70	130	
2021/22-PRE	Lab	method blank	9/10/2021	Pesticide	Thiobencarb	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1			
2021/22-PRE	Lab	method blank	10/1/2021	Pesticide	Thiobencarb	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1			
2021/22-PRE	Lab	LCS	10/1/2021	Pesticide	Thiobencarb	n/a	=	5.12	µg/L	EPA 525.2	0.03	0.1			
2021/22-PRE	Lab	LCS, rec	10/1/2021	Pesticide	Thiobencarb	n/a	=	102	%	EPA 525.2	-88	-88	70	130	
2021/22-PRE	Lab	LCS dup	10/1/2021	Pesticide	Thiobencarb	n/a	=	5.25	µg/L	EPA 525.2	0.03	0.1			
2021/22-PRE	Lab	LCS dup, rec	10/1/2021	Pesticide	Thiobencarb	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	
2021/22-PRE	Lab	LCS, RPD	10/1/2021	Pesticide	Thiobencarb	n/a	=	3	%	EPA 525.2	-88	-88	0	30	
2021/22-PRE	Tubing Blank	equip blank	9/9/2021	Pesticide	Thiobencarb	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1			
2021/22-PRE	hankwater-ultrapur	equip blank	10/1/2021	Pesticide	Trithion	n/a	<	0.02	µg/L	EPA 525.2	0.02	0.1			
2021/22-PRE	Carboy Blank	equip blank	9/10/2021	Pesticide	Trithion	n/a	<	0.02	µg/L	EPA 525.2	0.02	0.1			
2021/22-PRE	Lab	LCS dup	9/9/2021	Pesticide	Trithion	n/a	=	4.82	µg/L	EPA 525.2	0.02	0.1			
2021/22-PRE	Lab	LCS dup, rec	9/9/2021	Pesticide	Trithion	n/a	=	96	%	EPA 525.2	-88	-88	70	130	
2021/22-PRE	Lab	LCS, RPD	9/9/2021	Pesticide	Trithion	n/a	=	0.004	%	EPA 525.2	-88	-88	0	30	
2021/22-PRE	Lab	LCS	9/10/2021	Pesticide	Trithion	n/a	=	4.82	µg/L	EPA 525.2	0.02	0.1			
2021/22-PRE	Lab	LCS, rec	9/10/2021	Pesticide	Trithion	n/a	=	96	%	EPA 525.2	-88	-88	70	130	
2021/22-PRE	Lab	method blank	9/10/2021	Pesticide	Trithion	n/a	<	0.02	µg/L	EPA 525.2	0.02	0.1			
2021/22-PRE	Lab	method blank	10/1/2021	Pesticide	Trithion	n/a	<	0.02	µg/L	EPA 525.2	0.02	0.1			
2021/22-PRE	Lab	LCS	10/1/2021	Pesticide	Trithion	n/a	=	5.17	µg/L	EPA 525.2	0.02	0.1			
2021/22-PRE	Lab	LCS, rec	10/1/2021	Pesticide	Trithion	n/a	=	103	%	EPA 525.2	-88	-88	70	130	
2021/22-PRE	Lab	LCS dup	10/1/2021	Pesticide	Trithion	n/a	=	5.29	µg/L	EPA 525.2	0.02	0.1			
2021/22-PRE	Lab	LCS dup, rec	10/1/2021	Pesticide	Trithion	n/a	=	106	%	EPA 525.2	-88	-88	70	130	
2021/22-PRE	Lab	LCS, RPD	10/1/2021	Pesticide	Trithion	n/a	=	2	%	EPA 525.2	-88	-88	0	30	
2021/22-PRE	Tubing Blank	equip blank	9/9/2021	Pesticide	Trithion	n/a	<	0.02	µg/L	EPA 525.2	0.02	0.1			
2022-DRY	Lab	method blank	8/3/2022	Bacteriological	E. Coli	n/a	<	10	MPN/100 mL	MMO-MUG	10	10	-88	10	
2022-DRY	Lab	method blank	8/4/2022	Bacteriological	E. Coli	n/a	<	10	MPN/100 mL	MMO-MUG	10	10	-88	10	
2022-DRY	Lab	method blank	8/11/2022	Bacteriological	E. Coli	n/a	<	10	MPN/100 mL	MMO-MUG	10	10	-88	10	
2022-DRY	Lab	method blank	8/3/2022	Bacteriological	Total Coliform	n/a	<	10	MPN/100 mL	MMO-MUG	10	10	-88	10	
2022-DRY	Lab	method blank	8/4/2022	Bacteriological	Total Coliform	n/a	<	10	MPN/100 mL	MMO-MUG	10	10	-88	10	
2022-DRY	Lab	method blank	8/11/2022	Bacteriological	Total Coliform	n/a	<	10	MPN/100 mL	MMO-MUG	10	10	-88	10	
2022-DRY	000NONPJ	matrix spike	8/19/2022	Cation	Calcium	Total	=	450	mg/L	EPA 200.7	0.0234	0.5			GB
2022-DRY	000NONPJ	matrix spike, rec	8/19/2022	Cation	Calcium	Total	=	46	%	EPA 200.7	-88	-88	70	130	GB
2022-DRY	000NONPJ	matrix spike dup	8/19/2022	Cation	Calcium	Total	=	449	mg/L	EPA 200.7	0.0234	0.5			GB
2022-DRY	000NONPJ	matrix spike dup, rec	8/19/2022	Cation	Calcium	Total	=	42	%	EPA 200.7	-88	-88	70	130	GB
2022-DRY	000NONPJ	matrix spike, RPD	8/19/2022	Cation	Calcium	Total	=	0.4	%	EPA 200.7	-88	-88	0	30	GB
2022-DRY	Lab	method blank	8/11/2022	Cation	Calcium	Total	<	0.0234	mg/L	EPA 200.7	0.0234	0.5			
2022-DRY	Lab	LCS	8/11/2022	Cation	Calcium	Total	=	50.7	mg/L	EPA 200.7	0.0234	0.5			
2022-DRY	Lab	LCS, rec	8/11/2022	Cation	Calcium	Total	=	101	%	EPA 200.7	-88	-88	85	115	
2022-DRY	Lab	method blank	8/15/2022	Cation	Calcium	Total	<	0.0234	mg/L	EPA 200.7	0.0234	0.5			
2022-DRY	Lab	LCS	8/15/2022	Cation	Calcium	Total	=	48.8	mg/L	EPA 200.7	0.0234	0.5			
2022-DRY	Lab	LCS, rec	8/15/2022	Cation	Calcium	Total	=	97	%	EPA 200.7	-88	-88	85	115	
2022-DRY	Lab	method blank	8/19/2022	Cation	Calcium	Total	<	0.0234	mg/L	EPA 200.7	0.0234	0.5			
2022-DRY	Lab	LCS	8/19/2022	Cation	Calcium	Total	=	48.8	mg/L	EPA 200.7	0.0234	0.5			
2022-DRY	Lab	LCS, rec	8/19/2022	Cation	Calcium	Total	=	97	%	EPA 200.7	-88	-88	85	115	
2022-DRY	MO-CAM	matrix spike	8/11/2022	Cation	Calcium	Total	=	108	mg/L	EPA 200.7	0.0234	0.5			
2022-DRY	MO-CAM	matrix spike, rec	8/11/2022	Cation	Calcium	Total	=	96	%	EPA 200.7	-88	-88	70	130	
2022-DRY	MO-CAM	matrix spike dup	8/11/2022	Cation	Calcium	Total	=	109	mg/L	EPA 200.7	0.0234	0.5			
2022-DRY	MO-CAM	matrix spike dup, rec	8/11/2022	Cation	Calcium	Total	=	98	%	EPA 200.7	-88	-88	70	130	
2022-DRY	MO-CAM	matrix spike, RPD	8/11/2022	Cation	Calcium	Total	=	0.7	%	EPA 200.7	-88	-88	0	30	
2022-DRY	MO-CAM	matrix spike	8/15/2022	Cation	Calcium	Total	=	104	mg/L	EPA 200.7	0.0234	0.5			
2022-DRY	MO-CAM	matrix spike, rec	8/15/2022	Cation	Calcium	Total	=	88	%	EPA 200.7	-88	-88	70	130	
2022-DRY	MO-CAM	matrix spike dup	8/15/2022	Cation	Calcium	Total	=	105	mg/L	EPA 200.7	0.0234	0.5			
2022-DRY	MO-CAM	matrix spike dup, rec	8/15/2022	Cation	Calcium	Total	=	90	%	EPA 200.7	-88	-88	70	130	
2022-DRY	MO-CAM	matrix spike, RPD	8/15/2022	Cation	Calcium	Total	=	1	%	EPA 200.7	-88	-88	0	30	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2022-DRY	000NONPJ	matrix spike	8/19/2022	Cation	Magnesium	Total	=	245	mg/L	EPA 200.7	0.039	0.5			
2022-DRY	000NONPJ	matrix spike, rec	8/19/2022	Cation	Magnesium	Total	=	72	%	EPA 200.7	-88	-88	70	130	
2022-DRY	000NONPJ	matrix spike dup	8/19/2022	Cation	Magnesium	Total	=	244	mg/L	EPA 200.7	0.039	0.5			
2022-DRY	000NONPJ	matrix spike dup, rec	8/19/2022	Cation	Magnesium	Total	=	70	%	EPA 200.7	-88	-88	70	130	
2022-DRY	000NONPJ	matrix spike, RPD	8/19/2022	Cation	Magnesium	Total	=	0.3	%	EPA 200.7	-88	-88	0	30	
2022-DRY	Lab	method blank	8/11/2022	Cation	Magnesium	Total	<	0.039	mg/L	EPA 200.7	0.039	0.5			
2022-DRY	Lab	LCS	8/11/2022	Cation	Magnesium	Total	=	50.8	mg/L	EPA 200.7	0.039	0.5			
2022-DRY	Lab	LCS, rec	8/11/2022	Cation	Magnesium	Total	=	101	%	EPA 200.7	-88	-88	85	115	
2022-DRY	Lab	method blank	8/19/2022	Cation	Magnesium	Total	<	0.039	mg/L	EPA 200.7	0.039	0.5			
2022-DRY	Lab	LCS	8/19/2022	Cation	Magnesium	Total	=	46.6	mg/L	EPA 200.7	0.039	0.5			
2022-DRY	Lab	LCS, rec	8/19/2022	Cation	Magnesium	Total	=	93	%	EPA 200.7	-88	-88	85	115	
2022-DRY	MO-CAM	matrix spike	8/11/2022	Cation	Magnesium	Total	=	67.7	mg/L	EPA 200.7	0.039	0.5			
2022-DRY	MO-CAM	matrix spike, rec	8/11/2022	Cation	Magnesium	Total	=	101	%	EPA 200.7	-88	-88	70	130	
2022-DRY	MO-CAM	matrix spike dup	8/11/2022	Cation	Magnesium	Total	=	68.2	mg/L	EPA 200.7	0.039	0.5			
2022-DRY	MO-CAM	matrix spike dup, rec	8/11/2022	Cation	Magnesium	Total	=	102	%	EPA 200.7	-88	-88	70	130	
2022-DRY	MO-CAM	matrix spike, RPD	8/11/2022	Cation	Magnesium	Total	=	0.7	%	EPA 200.7	-88	-88	0	30	
2022-DRY	000NONPJ	matrix spike	8/13/2022	Conventional	Total Organic Carbon	n/a	=	6.87	mg/L	SM 5310 B	0.19	0.3			
2022-DRY	000NONPJ	matrix spike, rec	8/13/2022	Conventional	Total Organic Carbon	n/a	=	81	%	SM 5310 B	-88	-88	76	115	
2022-DRY	000NONPJ	matrix spike dup	8/13/2022	Conventional	Total Organic Carbon	n/a	=	7.21	mg/L	SM 5310 B	0.19	0.3			
2022-DRY	000NONPJ	matrix spike dup, rec	8/13/2022	Conventional	Total Organic Carbon	n/a	=	88	%	SM 5310 B	-88	-88	76	115	
2022-DRY	000NONPJ	matrix spike, RPD	8/13/2022	Conventional	Total Organic Carbon	n/a	=	5	%	SM 5310 B	-88	-88	0	20	
2022-DRY	000NONPJ	matrix spike	8/15/2022	Conventional	Total Organic Carbon	n/a	=	5.17	mg/L	SM 5310 B	0.19	0.3			
2022-DRY	000NONPJ	matrix spike, rec	8/15/2022	Conventional	Total Organic Carbon	n/a	=	91	%	SM 5310 B	-88	-88	76	115	
2022-DRY	000NONPJ	matrix spike dup	8/15/2022	Conventional	Total Organic Carbon	n/a	=	5.01	mg/L	SM 5310 B	0.19	0.3			
2022-DRY	000NONPJ	matrix spike dup, rec	8/15/2022	Conventional	Total Organic Carbon	n/a	=	87	%	SM 5310 B	-88	-88	76	115	
2022-DRY	000NONPJ	matrix spike, RPD	8/15/2022	Conventional	Total Organic Carbon	n/a	=	3	%	SM 5310 B	-88	-88	0	20	
2022-DRY	DRY-OXN2	matrix spike	8/12/2022	Conventional	Total Organic Carbon	n/a	=	12.6	mg/L	SM 5310 B	0.19	0.3			
2022-DRY	DRY-OXN2	matrix spike, rec	8/12/2022	Conventional	Total Organic Carbon	n/a	=	90	%	SM 5310 B	-88	-88	76	115	
2022-DRY	DRY-OXN2	matrix spike dup	8/12/2022	Conventional	Total Organic Carbon	n/a	=	13.2	mg/L	SM 5310 B	0.19	0.3			
2022-DRY	DRY-OXN2	matrix spike dup, rec	8/12/2022	Conventional	Total Organic Carbon	n/a	=	102	%	SM 5310 B	-88	-88	76	115	
2022-DRY	DRY-OXN2	matrix spike, RPD	8/12/2022	Conventional	Total Organic Carbon	n/a	=	5	%	SM 5310 B	-88	-88	0	20	
2022-DRY	Lab	method blank	8/12/2022	Conventional	Total Organic Carbon	n/a	<	0.19	mg/L	SM 5310 B	0.19	0.3			
2022-DRY	Lab	LCS	8/12/2022	Conventional	Total Organic Carbon	n/a	=	0.885	mg/L	SM 5310 B	0.19	0.3			
2022-DRY	Lab	LCS, rec	8/12/2022	Conventional	Total Organic Carbon	n/a	=	88	%	SM 5310 B	-88	-88	85	115	
2022-DRY	Lab	method blank	8/13/2022	Conventional	Total Organic Carbon	n/a	<	0.19	mg/L	SM 5310 B	0.19	0.3			
2022-DRY	Lab	LCS	8/13/2022	Conventional	Total Organic Carbon	n/a	=	0.895	mg/L	SM 5310 B	0.19	0.3			
2022-DRY	Lab	LCS, rec	8/13/2022	Conventional	Total Organic Carbon	n/a	=	89	%	SM 5310 B	-88	-88	85	115	
2022-DRY	Lab	method blank	8/15/2022	Conventional	Total Organic Carbon	n/a	<	0.19	mg/L	SM 5310 B	0.19	0.3			
2022-DRY	Lab	LCS	8/15/2022	Conventional	Total Organic Carbon	n/a	=	0.9	mg/L	SM 5310 B	0.19	0.3			
2022-DRY	Lab	LCS, rec	8/15/2022	Conventional	Total Organic Carbon	n/a	=	90	%	SM 5310 B	-88	-88	85	115	
2022-DRY	000NONPJ	matrix spike	8/9/2022	Metal	Copper	Dissolved	=	49.9	µg/L	EPA 200.8	0.23	0.5			
2022-DRY	000NONPJ	matrix spike, rec	8/9/2022	Metal	Copper	Dissolved	=	95	%	EPA 200.8	-88	-88	70	130	
2022-DRY	000NONPJ	matrix spike dup	8/9/2022	Metal	Copper	Dissolved	=	50.1	µg/L	EPA 200.8	0.23	0.5			
2022-DRY	000NONPJ	matrix spike dup, rec	8/9/2022	Metal	Copper	Dissolved	=	95	%	EPA 200.8	-88	-88	70	130	
2022-DRY	000NONPJ	matrix spike, RPD	8/9/2022	Metal	Copper	Dissolved	=	0.4	%	EPA 200.8	-88	-88	0	30	
2022-DRY	000NONPJ	matrix spike	8/19/2022	Metal	Copper	Dissolved	=	80.2	µg/L	EPA 200.8	0.23	0.5			
2022-DRY	000NONPJ	matrix spike, rec	8/19/2022	Metal	Copper	Dissolved	=	90	%	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	
2022-DRY	000NONPJ	matrix spike dup	8/19/2022	Metal	Copper	Dissolved	=	80.5	µg/L	EPA 200.8	0.23	0.5			
2022-DRY	000NONPJ	matrix spike dup, rec	8/19/2022	Metal	Copper	Dissolved	=	90	%	EPA 200.8	-88	-88	70	130	
2022-DRY	000NONPJ	matrix spike, RPD	8/19/2022	Metal	Copper	Dissolved	=	0.3	%	EPA 200.8	-88	-88	0	30	
2022-DRY	Lab	method blank	8/9/2022	Metal	Copper	Dissolved	<	0.23	µg/L	EPA 200.8	0.23	0.5			
2022-DRY	Lab	LCS	8/9/2022	Metal	Copper	Dissolved	=	46.1	µg/L	EPA 200.8	0.23	0.5			
2022-DRY	Lab	LCS, rec	8/9/2022	Metal	Copper	Dissolved	=	92	%	EPA 200.8	-88	-88	85	115	
2022-DRY	Lab	method blank	8/19/2022	Metal	Copper	Dissolved	<	0.23	µg/L	EPA 200.8	0.23	0.5			
2022-DRY	Lab	LCS	8/19/2022	Metal	Copper	Dissolved	=	49	µg/L	EPA 200.8	0.23	0.5			
2022-DRY	Lab	LCS, rec	8/19/2022	Metal	Copper	Dissolved	=	98	%	EPA 200.8	-88	-88	85	115	
2022-DRY	000NONPJ	matrix spike	8/9/2022	Metal	Lead	Dissolved	=	49.2	µg/L	EPA 200.8	0.083	0.2			
2022-DRY	000NONPJ	matrix spike, rec	8/9/2022	Metal	Lead	Dissolved	=	98	%	EPA 200.8	-88	-88	70	130	
2022-DRY	000NONPJ	matrix spike dup	8/9/2022	Metal	Lead	Dissolved	=	48.8	µg/L	EPA 200.8	0.083	0.2			
2022-DRY	000NONPJ	matrix spike dup, rec	8/9/2022	Metal	Lead	Dissolved	=	97	%	EPA 200.8	-88	-88	70	130	
2022-DRY	000NONPJ	matrix spike, RPD	8/9/2022	Metal	Lead	Dissolved	=	0.8	%	EPA 200.8	-88	-88	0	30	
2022-DRY	000NONPJ	matrix spike	8/19/2022	Metal	Lead	Dissolved	=	50.3	µg/L	EPA 200.8	0.083	0.2			
2022-DRY	000NONPJ	matrix spike, rec	8/19/2022	Metal	Lead	Dissolved	=	96	%	EPA 200.8	-88	-88	70	130	
2022-DRY	000NONPJ	matrix spike dup	8/19/2022	Metal	Lead	Dissolved	=	50.7	µg/L	EPA 200.8	0.083	0.2			
2022-DRY	000NONPJ	matrix spike dup, rec	8/19/2022	Metal	Lead	Dissolved	=	97	%	EPA 200.8	-88	-88	70	130	
2022-DRY	000NONPJ	matrix spike, RPD	8/19/2022	Metal	Lead	Dissolved	=	0.7	%	EPA 200.8	-88	-88	0	30	
2022-DRY	Lab	method blank	8/9/2022	Metal	Lead	Dissolved	<	0.083	µg/L	EPA 200.8	0.083	0.2			
2022-DRY	Lab	LCS	8/9/2022	Metal	Lead	Dissolved	=	49.5	µg/L	EPA 200.8	0.083	0.2			
2022-DRY	Lab	LCS, rec	8/9/2022	Metal	Lead	Dissolved	=	99	%	EPA 200.8	-88	-88	85	115	
2022-DRY	Lab	method blank	8/19/2022	Metal	Lead	Dissolved	<	0.083	µg/L	EPA 200.8	0.083	0.2			
2022-DRY	Lab	LCS	8/19/2022	Metal	Lead	Dissolved	=	47.7	µg/L	EPA 200.8	0.083	0.2			
2022-DRY	Lab	LCS, rec	8/19/2022	Metal	Lead	Dissolved	=	95	%	EPA 200.8	-88	-88	85	115	
2022-DRY	000NONPJ	matrix spike	8/9/2022	Metal	Zinc	Dissolved	=	52.7	µg/L	EPA 200.8	0.8	10			
2022-DRY	000NONPJ	matrix spike, rec	8/9/2022	Metal	Zinc	Dissolved	=	98	%	EPA 200.8	-88	-88	70	130	
2022-DRY	000NONPJ	matrix spike dup	8/9/2022	Metal	Zinc	Dissolved	=	51.9	µg/L	EPA 200.8	0.8	10			
2022-DRY	000NONPJ	matrix spike dup, rec	8/9/2022	Metal	Zinc	Dissolved	=	96	%	EPA 200.8	-88	-88	70	130	
2022-DRY	000NONPJ	matrix spike, RPD	8/9/2022	Metal	Zinc	Dissolved	=	1	%	EPA 200.8	-88	-88	0	30	
2022-DRY	000NONPJ	matrix spike	8/19/2022	Metal	Zinc	Dissolved	=	113	µg/L	EPA 200.8	0.8	10			
2022-DRY	000NONPJ	matrix spike, rec	8/19/2022	Metal	Zinc	Dissolved	=	90	%	EPA 200.8	-88	-88	70	130	
2022-DRY	000NONPJ	matrix spike dup	8/19/2022	Metal	Zinc	Dissolved	=	115	µg/L	EPA 200.8	0.8	10			
2022-DRY	000NONPJ	matrix spike dup, rec	8/19/2022	Metal	Zinc	Dissolved	=	93	%	EPA 200.8	-88	-88	70	130	
2022-DRY	000NONPJ	matrix spike, RPD	8/19/2022	Metal	Zinc	Dissolved	=	2	%	EPA 200.8	-88	-88	0	30	
2022-DRY	Lab	method blank	8/9/2022	Metal	Zinc	Dissolved	DNQ	1.26	µg/L	EPA 200.8	0.8	10			IP
2022-DRY	Lab	LCS	8/9/2022	Metal	Zinc	Dissolved	=	49.5	µg/L	EPA 200.8	0.8	10			
2022-DRY	Lab	LCS, rec	8/9/2022	Metal	Zinc	Dissolved	=	99	%	EPA 200.8	-88	-88	85	115	
2022-DRY	Lab	method blank	8/19/2022	Metal	Zinc	Dissolved	<	0.8	µg/L	EPA 200.8	0.8	10			
2022-DRY	Lab	LCS	8/19/2022	Metal	Zinc	Dissolved	=	49.4	µg/L	EPA 200.8	0.8	10			
2022-DRY	Lab	LCS, rec	8/19/2022	Metal	Zinc	Dissolved	=	99	%	EPA 200.8	-88	-88	85	115	

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	2022-DRY	Dry	8/2/2022 12:50:00 PM	8/3/2022 3:30:00 PM	E. Coli	n/a	=	48840	MPN/100 mL	MMO-MUG	100	100	VCHCA	
DRY-HUE3	2022-DRY	Dry	8/2/2022 12:50:00 PM	8/3/2022 3:30:00 PM	Total Coliform	n/a	=	120330	MPN/100 mL	MMO-MUG	100	100	VCHCA	
DRY-HUE3	2022-DRY	Dry	8/2/2022 12:50:00 PM	8/11/2022 7:39:00 PM	Calcium	Total	=	158	mg/L	EPA 200.7	0.0234	0.5	WKL	
DRY-HUE3	2022-DRY	Dry	8/2/2022 12:50:00 PM	8/11/2022 7:39:00 PM	Magnesium	Total	=	60.9	mg/L	EPA 200.7	0.039	0.5	WKL	
DRY-HUE3	2022-DRY	Dry	8/2/2022 12:50:00 PM	8/2/2022 12:50:00 PM	Conductivity	n/a	=	2090	µmhos/cm	Field Meter	-88	1	Field Crew	
DRY-HUE3	2022-DRY	Dry	8/2/2022 12:50:00 PM	8/2/2022 12:50:00 PM	Discharge	n/a	=	0.3	cfs	Field Estimate	-88	-88	Field Crew	
DRY-HUE3	2022-DRY	Dry	8/2/2022 12:50:00 PM	8/2/2022 12:50:00 PM	DO	n/a	=	35.8	%	Field Meter	-88	0.1	Field Crew	
DRY-HUE3	2022-DRY	Dry	8/2/2022 12:50:00 PM	8/2/2022 12:50:00 PM	DO	n/a	=	2.94	mg/L	Field Meter	-88	0.3	Field Crew	
DRY-HUE3	2022-DRY	Dry	8/2/2022 12:50:00 PM	8/11/2022 7:39:00 PM	Hardness as CaCO3	Total	=	646	mg/L	EPA 200.7	0.219	3.31	WKL	
DRY-HUE3	2022-DRY	Dry	8/2/2022 12:50:00 PM	8/2/2022 12:50:00 PM	pH	n/a	=	7.3	pH Units	Field Meter	-88	0.01	Field Crew	
DRY-HUE3	2022-DRY	Dry	8/2/2022 12:50:00 PM	8/2/2022 12:50:00 PM	Salinity	n/a	=	1100	mg/L	Field Meter	-88	100	Field Crew	
DRY-HUE3	2022-DRY	Dry	8/2/2022 12:50:00 PM	8/2/2022 12:50:00 PM	Specific Conductance	n/a	=	2158	µmhos/cm	Field Meter	-88	1	Field Crew	
DRY-HUE3	2022-DRY	Dry	8/2/2022 12:50:00 PM	8/2/2022 12:50:00 PM	Temperature	n/a	=	23.8	°C	Field Meter	-88	0.1	Field Crew	
DRY-HUE3	2022-DRY	Dry	8/2/2022 12:50:00 PM	8/12/2022 11:03:00 PM	Total Organic Carbon	n/a	=	4.1	mg/L	SM 5310 B	0.19	0.3	WKL	
DRY-HUE3	2022-DRY	Dry	8/2/2022 12:50:00 PM	8/2/2022 12:50:00 PM	Turbidity	n/a	=	14.7	NTU	Field Meter	-88	0.01	Field Crew	
DRY-HUE3	2022-DRY	Dry	8/2/2022 12:50:00 PM	8/9/2022 7:21:00 PM	Copper	Dissolved	DNQ	0.31	µg/L	EPA 200.8	0.23	0.5	WKL	
DRY-HUE3	2022-DRY	Dry	8/2/2022 12:50:00 PM	8/9/2022 7:21:00 PM	Lead	Dissolved	<	0.083	µg/L	EPA 200.8	0.083	0.2	WKL	
DRY-HUE3	2022-DRY	Dry	8/2/2022 12:50:00 PM	8/9/2022 7:21:00 PM	Zinc	Dissolved	DNQ	2.3	µg/L	EPA 200.8	0.8	10	WKL	UL-MB
DRY-OXN2	2022-DRY	Dry	8/2/2022 8:30:00 AM	8/3/2022 2:30:00 PM	E. Coli	n/a	=	9804	MPN/100 mL	MMO-MUG	10	10	VCHCA	
DRY-OXN2	2022-DRY	Dry	8/2/2022 8:30:00 AM	8/3/2022 2:30:00 PM	Total Coliform	n/a	=	98040	MPN/100 mL	MMO-MUG	100	100	VCHCA	
DRY-OXN2	2022-DRY	Dry	8/2/2022 8:30:00 AM	8/11/2022 7:36:00 PM	Calcium	Total	=	96.9	mg/L	EPA 200.7	0.0234	0.5	WKL	
DRY-OXN2	2022-DRY	Dry	8/2/2022 8:30:00 AM	8/11/2022 7:36:00 PM	Magnesium	Total	=	28.3	mg/L	EPA 200.7	0.039	0.5	WKL	
DRY-OXN2	2022-DRY	Dry	8/2/2022 8:30:00 AM	8/2/2022 8:30:00 AM	Conductivity	n/a	=	1016	µmhos/cm	Field Meter	-88	1	Field Crew	
DRY-OXN2	2022-DRY	Dry	8/2/2022 8:30:00 AM	8/2/2022 8:30:00 AM	Discharge	n/a	=	0.02	cfs	Field Estimate	-88	-88	Field Crew	
DRY-OXN2	2022-DRY	Dry	8/2/2022 8:30:00 AM	8/2/2022 8:30:00 AM	DO	n/a	=	18.5	mg/L	Field Meter	-88	0.3	Field Crew	
DRY-OXN2	2022-DRY	Dry	8/2/2022 8:30:00 AM	8/2/2022 8:30:00 AM	DO	n/a	=	206.8	%	Field Meter	-88	0.1	Field Crew	
DRY-OXN2	2022-DRY	Dry	8/2/2022 8:30:00 AM	8/11/2022 7:36:00 PM	Hardness as CaCO3	Total	=	358	mg/L	EPA 200.7	0.219	3.31	WKL	
DRY-OXN2	2022-DRY	Dry	8/2/2022 8:30:00 AM	8/2/2022 8:30:00 AM	pH	n/a	=	8.73	pH Units	Field Meter	-88	0.01	Field Crew	
DRY-OXN2	2022-DRY	Dry	8/2/2022 8:30:00 AM	8/2/2022 8:30:00 AM	Salinity	n/a	=	500	mg/L	Field Meter	-88	100	Field Crew	
DRY-OXN2	2022-DRY	Dry	8/2/2022 8:30:00 AM	8/2/2022 8:30:00 AM	Specific Conductance	n/a	=	1078	µmhos/cm	Field Meter	-88	1	Field Crew	
DRY-OXN2	2022-DRY	Dry	8/2/2022 8:30:00 AM	8/2/2022 8:30:00 AM	Temperature	n/a	=	21.7	°C	Field Meter	-88	0.1	Field Crew	
DRY-OXN2	2022-DRY	Dry	8/2/2022 8:30:00 AM	8/12/2022 9:12:00 PM	Total Organic Carbon	n/a	=	8.1	mg/L	SM 5310 B	0.19	0.3	WKL	
DRY-OXN2	2022-DRY	Dry	8/2/2022 8:30:00 AM	8/2/2022 8:30:00 AM	Turbidity	n/a	=	3.76	NTU	Field Meter	-88	0.01	Field Crew	
DRY-OXN2	2022-DRY	Dry	8/2/2022 8:30:00 AM	8/9/2022 7:18:00 PM	Copper	Dissolved	=	4.3	µg/L	EPA 200.8	0.23	0.5	WKL	
DRY-OXN2	2022-DRY	Dry	8/2/2022 8:30:00 AM	8/9/2022 7:18:00 PM	Lead	Dissolved	<	0.083	µg/L	EPA 200.8	0.083	0.2	WKL	
DRY-OXN2	2022-DRY	Dry	8/2/2022 8:30:00 AM	8/9/2022 7:18:00 PM	Zinc	Dissolved	DNQ	8.6	µg/L	EPA 200.8	0.8	10	WKL	UL-MB
DRY-SPA2	2022-DRY	Dry	8/2/2022 9:30:00 AM	8/3/2022 2:30:00 PM	E. Coli	n/a	=	2382	MPN/100 mL	MMO-MUG	10	10	VCHCA	
DRY-SPA2	2022-DRY	Dry	8/2/2022 9:30:00 AM	8/3/2022 2:30:00 PM	Total Coliform	n/a	=	24196	MPN/100 mL	MMO-MUG	10	10	VCHCA	
DRY-SPA2	2022-DRY	Dry	8/2/2022 9:30:00 AM	8/11/2022 7:41:00 PM	Calcium	Total	=	118	mg/L	EPA 200.7	0.0234	0.5	WKL	
DRY-SPA2	2022-DRY	Dry	8/2/2022 9:30:00 AM	8/11/2022 7:41:00 PM	Magnesium	Total	=	41.6	mg/L	EPA 200.7	0.039	0.5	WKL	
DRY-SPA2	2022-DRY	Dry	8/2/2022 9:30:00 AM	8/2/2022 9:30:00 AM	Conductivity	n/a	=	1031	µmhos/cm	Field Meter	-88	1	Field Crew	
DRY-SPA2	2022-DRY	Dry	8/2/2022 9:30:00 AM	8/2/2022 9:30:00 AM	Discharge	n/a	=	0.01	cfs	Field Estimate	-88	-88	Field Crew	
DRY-SPA2	2022-DRY	Dry	8/2/2022 9:30:00 AM	8/11/2022 7:41:00 PM	Hardness as CaCO3	Total	=	465	mg/L	EPA 200.7	0.219	3.31	WKL	
DRY-SPA2	2022-DRY	Dry	8/2/2022 9:30:00 AM	8/2/2022 9:30:00 AM	pH	n/a	=	8.89	pH Units	Field Meter	-88	0.01	Field Crew	
DRY-SPA2	2022-DRY	Dry	8/2/2022 9:30:00 AM	8/2/2022 9:30:00 AM	Salinity	n/a	=	400	mg/L	Field Meter	-88	100	Field Crew	
DRY-SPA2	2022-DRY	Dry	8/2/2022 9:30:00 AM	8/2/2022 9:30:00 AM	Specific Conductance	n/a	=	971	µmhos/cm	Field Meter	-88	1	Field Crew	
DRY-SPA2	2022-DRY	Dry	8/2/2022 9:30:00 AM	8/2/2022 9:30:00 AM	Temperature	n/a	=	27.1	°C	Field Meter	-88	0.1	Field Crew	
DRY-SPA2	2022-DRY	Dry	8/2/2022 9:30:00 AM	8/12/2022 11:20:00 PM	Total Organic Carbon	n/a	=	5.2	mg/L	SM 5310 B	0.19	0.3	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
DRY-SPA2	2022-DRY	Dry	8/2/2022 9:30:00 AM	8/2/2022 9:30:00 AM	Turbidity	n/a	=	2.35	NTU	Field Meter	-88	0.01	Field Crew	
DRY-SPA2	2022-DRY	Dry	8/2/2022 9:30:00 AM	8/9/2022 7:23:00 PM	Copper	Dissolved	=	2.4	µg/L	EPA 200.8	0.23	0.5	WKL	
DRY-SPA2	2022-DRY	Dry	8/2/2022 9:30:00 AM	8/9/2022 7:23:00 PM	Lead	Dissolved	<	0.083	µg/L	EPA 200.8	0.083	0.2	WKL	
DRY-SPA2	2022-DRY	Dry	8/2/2022 9:30:00 AM	8/9/2022 7:23:00 PM	Zinc	Dissolved	DNQ	3.5	µg/L	EPA 200.8	0.8	10	WKL	UL-MB
DRY-UNI4	2022-DRY	Dry	8/10/2022 8:35:00 AM	8/11/2022 11:55:00 AM	E. Coli	n/a	=	960	MPN/100 mL	MMO-MUG	10	10	VCHCA	
DRY-UNI4	2022-DRY	Dry	8/10/2022 8:35:00 AM	8/11/2022 11:55:00 AM	Total Coliform	n/a	=	241960	MPN/100 mL	MMO-MUG	100	100	VCHCA	
DRY-UNI4	2022-DRY	Dry	8/10/2022 8:35:00 AM	8/19/2022 6:50:00 PM	Calcium	Total	=	71.4	mg/L	EPA 200.7	0.0234	0.5	WKL	
DRY-UNI4	2022-DRY	Dry	8/10/2022 8:35:00 AM	8/19/2022 6:50:00 PM	Magnesium	Total	=	70.4	mg/L	EPA 200.7	0.039	0.5	WKL	
DRY-UNI4	2022-DRY	Dry	8/10/2022 8:35:00 AM	8/10/2022 8:35:00 AM	Conductivity	n/a	=	644	µmhos/cm	Field Meter	-88	1	Field Crew	
DRY-UNI4	2022-DRY	Dry	8/10/2022 8:35:00 AM	8/10/2022 8:35:00 AM	Discharge	n/a	=	0.01	cfs	Field Estimate	-88	-88	Field Crew	
DRY-UNI4	2022-DRY	Dry	8/10/2022 8:35:00 AM	8/19/2022 6:50:00 PM	Hardness as CaCO3	Total	=	468	mg/L	EPA 200.7	0.219	3.31	WKL	
DRY-UNI4	2022-DRY	Dry	8/10/2022 8:35:00 AM	8/10/2022 8:35:00 AM	pH	n/a	=	8.45	pH Units	Field Meter	-88	0.01	Field Crew	
DRY-UNI4	2022-DRY	Dry	8/10/2022 8:35:00 AM	8/10/2022 8:35:00 AM	Salinity	n/a	=	300	mg/L	Field Meter	-88	100	Field Crew	
DRY-UNI4	2022-DRY	Dry	8/10/2022 8:35:00 AM	8/10/2022 8:35:00 AM	Specific Conductance	n/a	=	697	µmhos/cm	Field Meter	-88	1	Field Crew	
DRY-UNI4	2022-DRY	Dry	8/10/2022 8:35:00 AM	8/10/2022 8:35:00 AM	Temperature	n/a	=	21	°C	Field Meter	-88	0.1	Field Crew	
DRY-UNI4	2022-DRY	Dry	8/10/2022 8:35:00 AM	8/15/2022 11:08:00 PM	Total Organic Carbon	n/a	=	10	mg/L	SM 5310 B	0.19	0.3	WKL	
DRY-UNI4	2022-DRY	Dry	8/10/2022 8:35:00 AM	8/10/2022 8:35:00 AM	Turbidity	n/a	=	1.36	NTU	Field Meter	-88	0.01	Field Crew	
DRY-UNI4	2022-DRY	Dry	8/10/2022 8:35:00 AM	8/19/2022 1:52:00 PM	Copper	Dissolved	=	3.5	µg/L	EPA 200.8	0.23	0.5	WKL	
DRY-UNI4	2022-DRY	Dry	8/10/2022 8:35:00 AM	8/19/2022 1:52:00 PM	Lead	Dissolved	<	0.083	µg/L	EPA 200.8	0.083	0.2	WKL	
DRY-UNI4	2022-DRY	Dry	8/10/2022 8:35:00 AM	8/19/2022 1:52:00 PM	Zinc	Dissolved	DNQ	1.6	µg/L	EPA 200.8	0.8	10	WKL	
DRY-VEN5	2022-DRY	Dry	8/2/2022 12:10:00 PM	8/3/2022 3:30:00 PM	E. Coli	n/a	=	6488	MPN/100 mL	MMO-MUG	10	10	VCHCA	
DRY-VEN5	2022-DRY	Dry	8/2/2022 12:10:00 PM	8/3/2022 3:30:00 PM	Total Coliform	n/a	=	129970	MPN/100 mL	MMO-MUG	100	100	VCHCA	
DRY-VEN5	2022-DRY	Dry	8/2/2022 12:10:00 PM	8/11/2022 7:50:00 PM	Calcium	Total	=	102	mg/L	EPA 200.7	0.0234	0.5	WKL	
DRY-VEN5	2022-DRY	Dry	8/2/2022 12:10:00 PM	8/11/2022 7:50:00 PM	Magnesium	Total	=	36.8	mg/L	EPA 200.7	0.039	0.5	WKL	
DRY-VEN5	2022-DRY	Dry	8/2/2022 12:10:00 PM	8/2/2022 12:10:00 PM	Conductivity	n/a	=	955	µmhos/cm	Field Meter	-88	1	Field Crew	
DRY-VEN5	2022-DRY	Dry	8/2/2022 12:10:00 PM	8/2/2022 12:10:00 PM	Discharge	n/a	<	0.01	cfs	Field Estimate	-88	0.01	Field Crew	
DRY-VEN5	2022-DRY	Dry	8/2/2022 12:10:00 PM	8/2/2022 12:10:00 PM	DO	n/a	=	32.2	%	Field Meter	-88	0.1	Field Crew	
DRY-VEN5	2022-DRY	Dry	8/2/2022 12:10:00 PM	8/2/2022 12:10:00 PM	DO	n/a	=	1.43	mg/L	Field Meter	-88	0.3	Field Crew	
DRY-VEN5	2022-DRY	Dry	8/2/2022 12:10:00 PM	8/11/2022 7:50:00 PM	Hardness as CaCO3	Total	=	405	mg/L	EPA 200.7	0.219	3.31	WKL	
DRY-VEN5	2022-DRY	Dry	8/2/2022 12:10:00 PM	8/2/2022 12:10:00 PM	pH	n/a	=	7.1	pH Units	Field Meter	-88	0.01	Field Crew	
DRY-VEN5	2022-DRY	Dry	8/2/2022 12:10:00 PM	8/2/2022 12:10:00 PM	Salinity	n/a	=	500	mg/L	Field Meter	-88	100	Field Crew	
DRY-VEN5	2022-DRY	Dry	8/2/2022 12:10:00 PM	8/2/2022 12:10:00 PM	Specific Conductance	n/a	=	1089	µmhos/cm	Field Meter	-88	1	Field Crew	
DRY-VEN5	2022-DRY	Dry	8/2/2022 12:10:00 PM	8/2/2022 12:10:00 PM	Temperature	n/a	=	20	°C	Field Meter	-88	0.1	Field Crew	
DRY-VEN5	2022-DRY	Dry	8/2/2022 12:10:00 PM	8/13/2022 12:13:00 AM	Total Organic Carbon	n/a	=	15	mg/L	SM 5310 B	0.19	0.3	WKL	
DRY-VEN5	2022-DRY	Dry	8/2/2022 12:10:00 PM	8/2/2022 12:10:00 PM	Turbidity	n/a	=	63.2	NTU	Field Meter	-88	0.01	Field Crew	
DRY-VEN5	2022-DRY	Dry	8/2/2022 12:10:00 PM	8/9/2022 7:31:00 PM	Copper	Dissolved	=	0.81	µg/L	EPA 200.8	0.23	0.5	WKL	
DRY-VEN5	2022-DRY	Dry	8/2/2022 12:10:00 PM	8/9/2022 7:31:00 PM	Lead	Dissolved	<	0.083	µg/L	EPA 200.8	0.083	0.2	WKL	
DRY-VEN5	2022-DRY	Dry	8/2/2022 12:10:00 PM	8/9/2022 7:31:00 PM	Zinc	Dissolved	DNQ	6.1	µg/L	EPA 200.8	0.8	10	WKL	UL-MB
ME-CC	2021/22-1	Wet	10/25/2021 2:40:00 PM	10/26/2021 1:22:00 PM	E. Coli	n/a	=	12997	MPN/100 mL	MMO-MUG	10	10	FGL	
ME-CC	2021/22-1	Wet	10/25/2021 2:40:00 PM	10/26/2021 1:22:00 PM	Total Coliform	n/a	=	770100	MPN/100 mL	MMO-MUG	1000	1000	FGL	
ME-CC	2021/22-1	Wet	10/25/2021 2:40:00 PM	10/25/2021 2:40:00 PM	Conductivity	n/a	=	1257	µmhos/cm	Field Meter	-88	1	Field Crew	
ME-CC	2021/22-1	Wet	10/25/2021 2:40:00 PM	10/28/2021 2:30:00 PM	Cyanide	Total	<	0.0012	mg/L	ASTM D7511	0.0012	0.002	WKL	
ME-CC	2021/22-1	Wet	10/25/2021 2:40:00 PM	10/25/2021 2:40:00 PM	DO	n/a	=	7.06	mg/L	Field Meter	-88	0.3	Field Crew	
ME-CC	2021/22-1	Wet	10/25/2021 2:40:00 PM	10/25/2021 2:40:00 PM	DO	n/a	=	78.7	%	Field Meter	-88	0.1	Field Crew	
ME-CC	2021/22-1	Wet	10/25/2021 2:40:00 PM	10/25/2021 2:40:00 PM	pH	n/a	=	7.39	pH Units	Field Meter	-88	0.01	Field Crew	
ME-CC	2021/22-1	Wet	10/25/2021 2:40:00 PM	10/25/2021 2:40:00 PM	Salinity	n/a	=	800	mg/L	Field Meter	-88	100	Field Crew	
ME-CC	2021/22-1	Wet	10/25/2021 2:40:00 PM	10/25/2021 2:40:00 PM	Specific Conductance	n/a	=	1506	µmhos/cm	Field Meter	-88	1	Field Crew	
ME-CC	2021/22-1	Wet	10/25/2021 2:40:00 PM	10/25/2021 2:40:00 PM	Temperature	n/a	=	17.6	°C	Field Meter	-88	0.1	Field Crew	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
ME-CC	2021/22-1	Wet	10/25/2021 2:40:00 PM	10/31/2021 6:47:00 PM	Gasoline Range Organics	n/a	DNQ	0.067	mg/L	EPA 8260B	0.065	0.1	WKL	
ME-CC	2021/22-1	Wet	10/25/2021 2:40:00 PM	11/15/2021 5:14:00 PM	Oil and Grease	n/a	<	1.3	mg/L	EPA 1664B	1.3	5	WKL	
ME-CC	2021/22-1	Wet	10/25/2021 2:40:00 PM	10/27/2021 2:59:00 PM	2-Chloroethyl vinyl ether	n/a	<	0.95	µg/L	EPA 624.1	0.95	5	WKL	DG
ME-CC	2021/22-1	Wet	10/25/2021 2:40:00 PM	10/27/2021 2:59:00 PM	Methyl tert-butyl ether (MTBE)	n/a	<	2	µg/L	EPA 624.1	2	5	WKL	DG
ME-CC	2021/22-1	Wet	10/26/2021 8:45:00 AM	11/13/2021 4:23:00 AM	Chloride	n/a	=	130	mg/L	EPA 300.0	0.38	1	WKL	
ME-CC	2021/22-1	Wet	10/26/2021 8:45:00 AM	11/13/2021 4:23:00 AM	Fluoride	n/a	=	0.26	mg/L	EPA 300.0	0.018	0.2	WKL	
ME-CC	2021/22-1	Wet	10/26/2021 8:45:00 AM	10/30/2021 9:15:00 PM	Perchlorate	n/a	<	2	µg/L	EPA 314.0	2	10	WKL	
ME-CC	2021/22-1	Wet	10/26/2021 8:45:00 AM	11/17/2021 5:22:00 PM	Calcium	Total	=	47.4	mg/L	EPA 200.7	0.16	0.5	WKL	
ME-CC	2021/22-1	Wet	10/26/2021 8:45:00 AM	11/17/2021 5:22:00 PM	Magnesium	Total	=	23.4	mg/L	EPA 200.7	0.039	0.5	WKL	
ME-CC	2021/22-1	Wet	10/26/2021 8:45:00 AM	10/29/2021 5:18:00 PM	Alkalinity as CaCO3	n/a	=	120	mg/L	SM 2320 B	2.3	5	WKL	
ME-CC	2021/22-1	Wet	10/26/2021 8:45:00 AM	11/1/2021 5:53:00 PM	BOD	n/a	=	10	mg/L	SM 5210 B	2	2	WKL	
ME-CC	2021/22-1	Wet	10/26/2021 8:45:00 AM	11/10/2021 11:19:00 AM	COD	n/a	=	47	mg/L	EPA 410.4	2.9	5	WKL	
ME-CC	2021/22-1	Wet	10/26/2021 8:45:00 AM	11/17/2021 5:22:00 PM	Hardness as CaCO3	Total	=	214	mg/L	EPA 200.7	0.56	3.31	WKL	
ME-CC	2021/22-1	Wet	10/26/2021 8:45:00 AM	10/27/2021 7:14:00 PM	MBAS	n/a	DNQ	0.017	mg/L	SM 5540 C	0.013	0.05	WKL	
ME-CC	2021/22-1	Wet	10/26/2021 8:45:00 AM	11/10/2021 2:07:00 PM	Phenolics	n/a	DNQ	0.0099	mg/L	EPA 420.4	0.0042	0.01	WKL	
ME-CC	2021/22-1	Wet	10/26/2021 8:45:00 AM	10/30/2021 11:23:00 AM	Specific Conductance	n/a	=	940	µmhos/cm	SM 2510 B	1.1	2	WKL	
ME-CC	2021/22-1	Wet	10/26/2021 8:45:00 AM	10/27/2021 11:03:00 AM	Total Chlorine Residual	n/a	<	0.31	mg/L	SM 4500-Cl G	0.31	0.5	WKL	EST-HT
ME-CC	2021/22-1	Wet	10/26/2021 8:45:00 AM	10/31/2021 1:00:00 PM	Total Dissolved Solids	n/a	=	570	mg/L	SM 2540 C	4	10	WKL	
ME-CC	2021/22-1	Wet	10/26/2021 8:45:00 AM	11/4/2021 7:46:00 PM	Total Organic Carbon	n/a	=	13	mg/L	SM 5310 B	0.19	0.3	WKL	
ME-CC	2021/22-1	Wet	10/26/2021 8:45:00 AM	10/28/2021 7:27:00 PM	Total Suspended Solids	n/a	=	340	mg/L	SM 2540 D	-88	5	WKL	
ME-CC	2021/22-1	Wet	10/26/2021 8:45:00 AM	10/27/2021 9:59:00 AM	Turbidity	n/a	=	60	NTU	EPA 180.1	0.085	0.5	WKL	
ME-CC	2021/22-1	Wet	10/26/2021 8:45:00 AM	10/28/2021 7:07:00 PM	Volatile Suspended Solids	n/a	=	40	mg/L	EPA 160.4	3.1	5	WKL	
ME-CC	2021/22-1	Wet	10/26/2021 8:45:00 AM	11/19/2021 2:12:00 AM	Diesel Range Organics	n/a	=	0.42	mg/L	EPA 8015B	0.072	0.1	WKL	EST-LCSRPD
ME-CC	2021/22-1	Wet	10/26/2021 8:45:00 AM	11/19/2021 2:12:00 AM	Oil Range Organics	n/a	<	0.33	mg/L	EPA 8015B	0.33	0.5	WKL	
ME-CC	2021/22-1	Wet	10/26/2021 8:45:00 AM	11/11/2021 5:48:00 PM	Aluminum	Dissolved	DNQ	15	µg/L	EPA 200.8	4.4	20	WKL	
ME-CC	2021/22-1	Wet	10/26/2021 8:45:00 AM	11/11/2021 5:51:00 PM	Aluminum	Total	=	3000	µg/L	EPA 200.8	4.4	20	WKL	
ME-CC	2021/22-1	Wet	10/26/2021 8:45:00 AM	11/11/2021 5:48:00 PM	Antimony	Dissolved	DNQ	0.48	µg/L	EPA 200.8	0.089	0.5	WKL	
ME-CC	2021/22-1	Wet	10/26/2021 8:45:00 AM	11/11/2021 5:51:00 PM	Antimony	Total	=	0.67	µg/L	EPA 200.8	0.089	0.5	WKL	
ME-CC	2021/22-1	Wet	10/26/2021 8:45:00 AM	11/11/2021 5:48:00 PM	Arsenic	Dissolved	=	2.9	µg/L	EPA 200.8	0.074	0.4	WKL	
ME-CC	2021/22-1	Wet	10/26/2021 8:45:00 AM	11/11/2021 5:51:00 PM	Arsenic	Total	=	4.2	µg/L	EPA 200.8	0.074	0.4	WKL	
ME-CC	2021/22-1	Wet	10/26/2021 8:45:00 AM	11/11/2021 5:51:00 PM	Barium	Total	=	63	µg/L	EPA 200.8	0.14	1	WKL	
ME-CC	2021/22-1	Wet	10/26/2021 8:45:00 AM	11/11/2021 5:48:00 PM	Beryllium	Dissolved	<	0.062	µg/L	EPA 200.8	0.062	0.1	WKL	
ME-CC	2021/22-1	Wet	10/26/2021 8:45:00 AM	11/11/2021 5:51:00 PM	Beryllium	Total	=	0.13	µg/L	EPA 200.8	0.062	0.1	WKL	
ME-CC	2021/22-1	Wet	10/26/2021 8:45:00 AM	11/11/2021 5:48:00 PM	Cadmium	Dissolved	=	0.32	µg/L	EPA 200.8	0.042	0.2	WKL	
ME-CC	2021/22-1	Wet	10/26/2021 8:45:00 AM	11/11/2021 5:51:00 PM	Cadmium	Total	=	0.6	µg/L	EPA 200.8	0.042	0.2	WKL	
ME-CC	2021/22-1	Wet	10/26/2021 8:45:00 AM	11/11/2021 5:48:00 PM	Chromium	Dissolved	=	0.47	µg/L	EPA 200.8	0.089	0.2	WKL	UL-MB
ME-CC	2021/22-1	Wet	10/26/2021 8:45:00 AM	11/11/2021 5:51:00 PM	Chromium	Total	=	7.8	µg/L	EPA 200.8	0.089	0.2	WKL	
ME-CC	2021/22-1	Wet	10/26/2021 8:45:00 AM	11/2/2021 2:35:00 PM	Chromium VI	n/a	=	0.18	µg/L	EPA 218.6	0.0079	0.02	WKL	
ME-CC	2021/22-1	Wet	10/26/2021 8:45:00 AM	11/11/2021 5:48:00 PM	Copper	Dissolved	=	7.7	µg/L	EPA 200.8	0.23	0.5	WKL	
ME-CC	2021/22-1	Wet	10/26/2021 8:45:00 AM	11/11/2021 5:51:00 PM	Copper	Total	=	14	µg/L	EPA 200.8	0.23	0.5	WKL	
ME-CC	2021/22-1	Wet	10/26/2021 8:45:00 AM	11/11/2021 5:48:00 PM	Iron	Dissolved	=	54	µg/L	EPA 200.8	3.9	20	WKL	
ME-CC	2021/22-1	Wet	10/26/2021 8:45:00 AM	11/11/2021 5:51:00 PM	Iron	Total	=	4200	µg/L	EPA 200.8	3.9	20	WKL	
ME-CC	2021/22-1	Wet	10/26/2021 8:45:00 AM	11/11/2021 5:48:00 PM	Lead	Dissolved	DNQ	0.19	µg/L	EPA 200.8	0.083	0.2	WKL	
ME-CC	2021/22-1	Wet	10/26/2021 8:45:00 AM	11/11/2021 5:51:00 PM	Lead	Total	=	3.9	µg/L	EPA 200.8	0.083	0.2	WKL	
ME-CC	2021/22-1	Wet	10/26/2021 8:45:00 AM	11/5/2021 5:11:00 PM	Mercury	Dissolved	DNQ	17	ng/L	EPA 245.1	17	50	WKL	UL-MB
ME-CC	2021/22-1	Wet	10/26/2021 8:45:00 AM	11/5/2021 5:13:00 PM	Mercury	Total	DNQ	23	ng/L	EPA 245.1	17	50	WKL	
ME-CC	2021/22-1	Wet	10/26/2021 8:45:00 AM	11/11/2021 5:48:00 PM	Nickel	Dissolved	=	5.6	µg/L	EPA 200.8	0.16	2	WKL	
ME-CC	2021/22-1	Wet	10/26/2021 8:45:00 AM	11/11/2021 5:51:00 PM	Nickel	Total	=	11	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
ME-CC	2021/22-1	Wet	10/26/2021 8:45:00 AM	11/11/2021 5:48:00 PM	Selenium	Dissolved	DNQ	0.36	µg/L	EPA 200.8	0.067	0.4	WKL	
ME-CC	2021/22-1	Wet	10/26/2021 8:45:00 AM	11/11/2021 5:51:00 PM	Selenium	Total	=	0.5	µg/L	EPA 200.8	0.067	0.4	WKL	
ME-CC	2021/22-1	Wet	10/26/2021 8:45:00 AM	11/11/2021 5:48:00 PM	Silver	Dissolved	<	0.03	µg/L	EPA 200.8	0.03	0.2	WKL	
ME-CC	2021/22-1	Wet	10/26/2021 8:45:00 AM	11/11/2021 5:51:00 PM	Silver	Total	<	0.03	µg/L	EPA 200.8	0.03	0.2	WKL	
ME-CC	2021/22-1	Wet	10/26/2021 8:45:00 AM	11/11/2021 5:48:00 PM	Thallium	Dissolved	<	0.021	µg/L	EPA 200.8	0.021	0.2	WKL	
ME-CC	2021/22-1	Wet	10/26/2021 8:45:00 AM	11/11/2021 5:51:00 PM	Thallium	Total	DNQ	0.044	µg/L	EPA 200.8	0.021	0.2	WKL	
ME-CC	2021/22-1	Wet	10/26/2021 8:45:00 AM	11/11/2021 5:48:00 PM	Zinc	Dissolved	=	18	µg/L	EPA 200.8	0.8	10	WKL	
ME-CC	2021/22-1	Wet	10/26/2021 8:45:00 AM	11/11/2021 5:51:00 PM	Zinc	Total	=	48	µg/L	EPA 200.8	0.8	10	WKL	
ME-CC	2021/22-1	Wet	10/26/2021 8:45:00 AM	10/27/2021 4:17:00 PM	Ammonia as N	n/a	=	0.31	mg/L	EPA 350.1	0.047	0.1	WKL	
ME-CC	2021/22-1	Wet	10/26/2021 8:45:00 AM	10/27/2021 7:05:00 PM	Nitrate + Nitrite as N	n/a	=	4	mg/L	EPA 353.2	0.036	0.2	WKL	
ME-CC	2021/22-1	Wet	10/26/2021 8:45:00 AM	10/27/2021 7:05:00 PM	Nitrate as N	n/a	=	4	mg/L	EPA 353.2	0.04	0.2	WKL	
ME-CC	2021/22-1	Wet	10/26/2021 8:45:00 AM	11/17/2021 5:20:00 PM	Phosphorus as P	Dissolved	=	2.4	mg/L	EPA 200.7	0.018	0.05	WKL	
ME-CC	2021/22-1	Wet	10/26/2021 8:45:00 AM	11/17/2021 5:22:00 PM	Phosphorus as P	Total	=	2.8	mg/L	EPA 200.7	0.018	0.05	WKL	
ME-CC	2021/22-1	Wet	10/26/2021 8:45:00 AM	11/9/2021 3:04:00 PM	TKN	n/a	=	2.5	mg/L	EPA 351.2	0.065	0.1	WKL	
ME-CC	2021/22-1	Wet	10/26/2021 8:45:00 AM	11/22/2021 7:01:00 PM	1,2,4-Trichlorobenzene	n/a	<	0.49	µg/L	EPA 625.1	0.49	1	WKL	
ME-CC	2021/22-1	Wet	10/26/2021 8:45:00 AM	11/22/2021 7:01:00 PM	1,2-Dichlorobenzene	n/a	<	0.46	µg/L	EPA 625.1	0.46	1	WKL	
ME-CC	2021/22-1	Wet	10/26/2021 8:45:00 AM	11/22/2021 7:01:00 PM	1,2-Diphenylhydrazine	n/a	<	0.3	µg/L	EPA 625.1	0.3	1	WKL	
ME-CC	2021/22-1	Wet	10/26/2021 8:45:00 AM	11/22/2021 7:01:00 PM	1,3-Dichlorobenzene	n/a	<	0.42	µg/L	EPA 625.1	0.42	1	WKL	
ME-CC	2021/22-1	Wet	10/26/2021 8:45:00 AM	11/22/2021 7:01:00 PM	1,4-Dichlorobenzene	n/a	<	0.48	µg/L	EPA 625.1	0.48	1	WKL	
ME-CC	2021/22-1	Wet	10/26/2021 8:45:00 AM	11/17/2021 6:20:00 AM	1-Methylnaphthalene	n/a	<	0.024	µg/L	EPA 8270C	0.024	0.1	WKL	
ME-CC	2021/22-1	Wet	10/26/2021 8:45:00 AM	11/19/2021 7:33:00 PM	2,4,5-Trichlorophenol	n/a	<	0.29	µg/L	EPA 8270C	0.29	1	WKL	
ME-CC	2021/22-1	Wet	10/26/2021 8:45:00 AM	11/22/2021 7:01:00 PM	2,4,6-Trichlorophenol	n/a	<	0.22	µg/L	EPA 625.1	0.22	1	WKL	
ME-CC	2021/22-1	Wet	10/26/2021 8:45:00 AM	11/19/2021 7:33:00 PM	2,4,6-Trichlorophenol	n/a	<	0.3	µg/L	EPA 8270C	0.3	1	WKL	
ME-CC	2021/22-1	Wet	10/26/2021 8:45:00 AM	11/22/2021 7:01:00 PM	2,4-Dichlorophenol	n/a	<	0.26	µg/L	EPA 625.1	0.26	1	WKL	
ME-CC	2021/22-1	Wet	10/26/2021 8:45:00 AM	11/19/2021 7:33:00 PM	2,4-Dichlorophenol	n/a	<	0.51	µg/L	EPA 8270C	0.51	1	WKL	
ME-CC	2021/22-1	Wet	10/26/2021 8:45:00 AM	11/22/2021 7:01:00 PM	2,4-Dimethylphenol	n/a	<	0.76	µg/L	EPA 625.1	0.76	1	WKL	
ME-CC	2021/22-1	Wet	10/26/2021 8:45:00 AM	11/19/2021 7:33:00 PM	2,4-Dimethylphenol	n/a	<	1	µg/L	EPA 8270C	1	2	WKL	
ME-CC	2021/22-1	Wet	10/26/2021 8:45:00 AM	11/22/2021 7:01:00 PM	2,4-Dinitrophenol	n/a	<	1.9	µg/L	EPA 625.1	1.9	10	WKL	
ME-CC	2021/22-1	Wet	10/26/2021 8:45:00 AM	11/19/2021 7:33:00 PM	2,4-Dinitrophenol	n/a	<	3	µg/L	EPA 8270C	3	3	WKL	
ME-CC	2021/22-1	Wet	10/26/2021 8:45:00 AM	11/22/2021 7:01:00 PM	2,4-Dinitrotoluene	n/a	<	0.46	µg/L	EPA 625.1	0.46	1	WKL	
ME-CC	2021/22-1	Wet	10/26/2021 8:45:00 AM	11/22/2021 7:01:00 PM	2,6-Dinitrotoluene	n/a	<	0.27	µg/L	EPA 625.1	0.27	1	WKL	
ME-CC	2021/22-1	Wet	10/26/2021 8:45:00 AM	11/22/2021 7:01:00 PM	2-Chloronaphthalene	n/a	<	0.45	µg/L	EPA 625.1	0.45	1	WKL	
ME-CC	2021/22-1	Wet	10/26/2021 8:45:00 AM	11/22/2021 7:01:00 PM	2-Chlorophenol	n/a	<	0.28	µg/L	EPA 625.1	0.28	1	WKL	
ME-CC	2021/22-1	Wet	10/26/2021 8:45:00 AM	11/19/2021 7:33:00 PM	2-Chlorophenol	n/a	<	0.65	µg/L	EPA 8270C	0.65	1	WKL	
ME-CC	2021/22-1	Wet	10/26/2021 8:45:00 AM	11/17/2021 6:20:00 AM	2-Methylnaphthalene	n/a	<	0.026	µg/L	EPA 8270C	0.026	0.1	WKL	
ME-CC	2021/22-1	Wet	10/26/2021 8:45:00 AM	11/19/2021 7:33:00 PM	2-Methylphenol	n/a	<	0.34	µg/L	EPA 8270C	0.34	1	WKL	
ME-CC	2021/22-1	Wet	10/26/2021 8:45:00 AM	11/19/2021 7:33:00 PM	2-Nitrophenol	n/a	<	0.71	µg/L	EPA 8270C	0.71	1	WKL	
ME-CC	2021/22-1	Wet	10/26/2021 8:45:00 AM	11/22/2021 7:01:00 PM	2-Nitrophenol	n/a	<	0.26	µg/L	EPA 625.1	0.26	1	WKL	
ME-CC	2021/22-1	Wet	10/26/2021 8:45:00 AM	11/22/2021 7:01:00 PM	3,3'-Dichlorobenzidine	n/a	<	2.5	µg/L	EPA 625.1	2.5	5	WKL	
ME-CC	2021/22-1	Wet	10/26/2021 8:45:00 AM	11/19/2021 7:33:00 PM	3-/4-Methylphenol	n/a	<	0.3	µg/L	EPA 8270C	0.3	1	WKL	
ME-CC	2021/22-1	Wet	10/26/2021 8:45:00 AM	11/22/2021 7:01:00 PM	4,6-Dinitro-2-methylphenol	n/a	<	0.5	µg/L	EPA 625.1	0.5	5	WKL	
ME-CC	2021/22-1	Wet	10/26/2021 8:45:00 AM	11/19/2021 7:33:00 PM	4,6-Dinitro-2-methylphenol	n/a	DNQ	0.89	µg/L	EPA 8270C	0.14	1	WKL	EST-LCSRPD
ME-CC	2021/22-1	Wet	10/26/2021 8:45:00 AM	11/22/2021 7:01:00 PM	4-Bromophenyl phenyl ether	n/a	<	0.36	µg/L	EPA 625.1	0.36	1	WKL	
ME-CC	2021/22-1	Wet	10/26/2021 8:45:00 AM	11/22/2021 7:01:00 PM	4-Chloro-3-methylphenol	n/a	<	0.23	µg/L	EPA 625.1	0.23	1	WKL	
ME-CC	2021/22-1	Wet	10/26/2021 8:45:00 AM	11/19/2021 7:33:00 PM	4-Chloro-3-methylphenol	n/a	<	0.37	µg/L	EPA 8270C	0.37	1	WKL	
ME-CC	2021/22-1	Wet	10/26/2021 8:45:00 AM	11/22/2021 7:01:00 PM	4-Chlorophenyl phenyl ether	n/a	<	0.41	µg/L	EPA 625.1	0.41	1	WKL	
ME-CC	2021/22-1	Wet	10/26/2021 8:45:00 AM	11/22/2021 7:01:00 PM	4-Nitrophenol	n/a	<	1.2	µg/L	EPA 625.1	1.2	5	WKL	
ME-CC	2021/22-1	Wet	10/26/2021 8:45:00 AM	11/19/2021 7:33:00 PM	4-Nitrophenol	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
ME-CC	2021/22-1	Wet	10/26/2021 8:45:00 AM	11/22/2021 7:01:00 PM	Acenaphthene	n/a	<	0.38	µg/L	EPA 625.1	0.38	1	WKL	
ME-CC	2021/22-1	Wet	10/26/2021 8:45:00 AM	11/17/2021 6:20:00 AM	Acenaphthene	n/a	<	0.028	µg/L	EPA 8270C	0.028	0.1	WKL	
ME-CC	2021/22-1	Wet	10/26/2021 8:45:00 AM	11/22/2021 7:01:00 PM	Acenaphthylene	n/a	<	0.35	µg/L	EPA 625.1	0.35	1	WKL	
ME-CC	2021/22-1	Wet	10/26/2021 8:45:00 AM	11/17/2021 6:20:00 AM	Acenaphthylene	n/a	<	0.033	µg/L	EPA 8270C	0.033	0.1	WKL	
ME-CC	2021/22-1	Wet	10/26/2021 8:45:00 AM	11/22/2021 7:01:00 PM	Anthracene	n/a	<	0.41	µg/L	EPA 625.1	0.41	1	WKL	
ME-CC	2021/22-1	Wet	10/26/2021 8:45:00 AM	11/17/2021 6:20:00 AM	Anthracene	n/a	<	0.025	µg/L	EPA 8270C	0.025	0.1	WKL	
ME-CC	2021/22-1	Wet	10/26/2021 8:45:00 AM	11/22/2021 7:01:00 PM	Benz(a)anthracene	n/a	<	0.19	µg/L	EPA 625.1	0.19	1	WKL	
ME-CC	2021/22-1	Wet	10/26/2021 8:45:00 AM	11/17/2021 6:20:00 AM	Benz(a)anthracene	n/a	<	0.051	µg/L	EPA 8270C	0.051	0.1	WKL	
ME-CC	2021/22-1	Wet	10/26/2021 8:45:00 AM	11/22/2021 7:01:00 PM	Benzenidine	n/a	<	3.2	µg/L	EPA 625.1	3.2	10	WKL	
ME-CC	2021/22-1	Wet	10/26/2021 8:45:00 AM	11/9/2021 7:31:00 PM	Benzo(a)pyrene	n/a	<	0.02	µg/L	EPA 525.2	0.02	0.1	WKL	
ME-CC	2021/22-1	Wet	10/26/2021 8:45:00 AM	11/22/2021 7:01:00 PM	Benzo(a)pyrene	n/a	<	0.39	µg/L	EPA 625.1	0.39	1	WKL	
ME-CC	2021/22-1	Wet	10/26/2021 8:45:00 AM	11/17/2021 6:20:00 AM	Benzo(a)pyrene	n/a	<	0.051	µg/L	EPA 8270C	0.051	0.1	WKL	
ME-CC	2021/22-1	Wet	10/26/2021 8:45:00 AM	11/22/2021 7:01:00 PM	Benzo(b)fluoranthene	n/a	<	0.46	µg/L	EPA 625.1	0.46	1	WKL	
ME-CC	2021/22-1	Wet	10/26/2021 8:45:00 AM	11/17/2021 6:20:00 AM	Benzo(b)fluoranthene	n/a	<	0.074	µg/L	EPA 8270C	0.074	0.1	WKL	
ME-CC	2021/22-1	Wet	10/26/2021 8:45:00 AM	11/22/2021 7:01:00 PM	Benzo(g,h,i)perylene	n/a	<	0.42	µg/L	EPA 625.1	0.42	2	WKL	
ME-CC	2021/22-1	Wet	10/26/2021 8:45:00 AM	11/17/2021 6:20:00 AM	Benzo(g,h,i)perylene	n/a	<	0.05	µg/L	EPA 8270C	0.05	0.1	WKL	
ME-CC	2021/22-1	Wet	10/26/2021 8:45:00 AM	11/22/2021 7:01:00 PM	Benzo(k)fluoranthene	n/a	<	0.22	µg/L	EPA 625.1	0.22	1	WKL	
ME-CC	2021/22-1	Wet	10/26/2021 8:45:00 AM	11/17/2021 6:20:00 AM	Benzo(k)fluoranthene	n/a	DNQ	0.033	µg/L	EPA 8270C	0.026	0.1	WKL	
ME-CC	2021/22-1	Wet	10/26/2021 8:45:00 AM	11/22/2021 7:01:00 PM	Bis(2-chloroethoxy)methane	n/a	<	0.25	µg/L	EPA 625.1	0.25	1	WKL	
ME-CC	2021/22-1	Wet	10/26/2021 8:45:00 AM	11/22/2021 7:01:00 PM	Bis(2-chloroethyl)ether	n/a	<	0.27	µg/L	EPA 625.1	0.27	1	WKL	
ME-CC	2021/22-1	Wet	10/26/2021 8:45:00 AM	11/22/2021 7:01:00 PM	Bis(2-chloroisopropyl)ether	n/a	<	0.38	µg/L	EPA 625.1	0.38	1	WKL	
ME-CC	2021/22-1	Wet	10/26/2021 8:45:00 AM	11/9/2021 7:31:00 PM	Bis(2-ethylhexyl)adipate	n/a	<	0.42	µg/L	EPA 525.2	0.42	5	WKL	
ME-CC	2021/22-1	Wet	10/26/2021 8:45:00 AM	11/9/2021 7:31:00 PM	Bis(2-ethylhexyl)phthalate	n/a	<	0.41	µg/L	EPA 525.2	0.41	3	WKL	
ME-CC	2021/22-1	Wet	10/26/2021 8:45:00 AM	11/22/2021 7:01:00 PM	Bis(2-ethylhexyl)phthalate	n/a	<	2.3	µg/L	EPA 625.1	2.3	5	WKL	
ME-CC	2021/22-1	Wet	10/26/2021 8:45:00 AM	11/22/2021 7:01:00 PM	Butyl benzyl phthalate	n/a	DNQ	0.52	µg/L	EPA 625.1	0.49	1	WKL	
ME-CC	2021/22-1	Wet	10/26/2021 8:45:00 AM	11/22/2021 7:01:00 PM	Chrysene	n/a	<	0.19	µg/L	EPA 625.1	0.19	1	WKL	
ME-CC	2021/22-1	Wet	10/26/2021 8:45:00 AM	11/17/2021 6:20:00 AM	Chrysene	n/a	<	0.074	µg/L	EPA 8270C	0.074	0.1	WKL	
ME-CC	2021/22-1	Wet	10/26/2021 8:45:00 AM	11/22/2021 7:01:00 PM	Dibenz(a,h)anthracene	n/a	<	0.15	µg/L	EPA 625.1	0.15	2	WKL	
ME-CC	2021/22-1	Wet	10/26/2021 8:45:00 AM	11/17/2021 6:20:00 AM	Dibenz(a,h)anthracene	n/a	DNQ	0.036	µg/L	EPA 8270C	0.036	0.1	WKL	
ME-CC	2021/22-1	Wet	10/26/2021 8:45:00 AM	11/22/2021 7:01:00 PM	Diethyl phthalate	n/a	<	0.35	µg/L	EPA 625.1	0.35	1	WKL	
ME-CC	2021/22-1	Wet	10/26/2021 8:45:00 AM	11/22/2021 7:01:00 PM	Dimethyl phthalate	n/a	<	0.18	µg/L	EPA 625.1	0.18	1	WKL	
ME-CC	2021/22-1	Wet	10/26/2021 8:45:00 AM	11/22/2021 7:01:00 PM	Di-n-butylphthalate	n/a	<	0.34	µg/L	EPA 625.1	0.34	1	WKL	
ME-CC	2021/22-1	Wet	10/26/2021 8:45:00 AM	11/22/2021 7:01:00 PM	Di-n-octylphthalate	n/a	<	0.46	µg/L	EPA 625.1	0.46	1	WKL	
ME-CC	2021/22-1	Wet	10/26/2021 8:45:00 AM	11/22/2021 7:01:00 PM	Fluoranthene	n/a	<	0.35	µg/L	EPA 625.1	0.35	1	WKL	
ME-CC	2021/22-1	Wet	10/26/2021 8:45:00 AM	11/17/2021 6:20:00 AM	Fluoranthene	n/a	<	0.039	µg/L	EPA 8270C	0.039	0.1	WKL	
ME-CC	2021/22-1	Wet	10/26/2021 8:45:00 AM	11/22/2021 7:01:00 PM	Fluorene	n/a	<	0.35	µg/L	EPA 625.1	0.35	1	WKL	
ME-CC	2021/22-1	Wet	10/26/2021 8:45:00 AM	11/17/2021 6:20:00 AM	Fluorene	n/a	<	0.029	µg/L	EPA 8270C	0.029	0.1	WKL	
ME-CC	2021/22-1	Wet	10/26/2021 8:45:00 AM	11/22/2021 7:01:00 PM	Hexachlorobenzene	n/a	<	0.49	µg/L	EPA 625.1	0.49	1	WKL	
ME-CC	2021/22-1	Wet	10/26/2021 8:45:00 AM	11/22/2021 7:01:00 PM	Hexachlorobutadiene	n/a	<	0.47	µg/L	EPA 625.1	0.47	1	WKL	
ME-CC	2021/22-1	Wet	10/26/2021 8:45:00 AM	11/9/2021 7:31:00 PM	Hexachlorocyclopentadiene	n/a	<	0.092	µg/L	EPA 525.2	0.092	1	WKL	
ME-CC	2021/22-1	Wet	10/26/2021 8:45:00 AM	11/22/2021 7:01:00 PM	Hexachlorocyclopentadiene	n/a	<	0.31	µg/L	EPA 625.1	0.31	5	WKL	
ME-CC	2021/22-1	Wet	10/26/2021 8:45:00 AM	11/22/2021 7:01:00 PM	Hexachloroethane	n/a	<	0.5	µg/L	EPA 625.1	0.5	1	WKL	
ME-CC	2021/22-1	Wet	10/26/2021 8:45:00 AM	11/22/2021 7:01:00 PM	Indeno(1,2,3-cd)pyrene	n/a	<	0.25	µg/L	EPA 625.1	0.25	2	WKL	
ME-CC	2021/22-1	Wet	10/26/2021 8:45:00 AM	11/17/2021 6:20:00 AM	Indeno(1,2,3-cd)pyrene	n/a	<	0.065	µg/L	EPA 8270C	0.065	0.1	WKL	
ME-CC	2021/22-1	Wet	10/26/2021 8:45:00 AM	11/22/2021 7:01:00 PM	Isophorone	n/a	<	0.21	µg/L	EPA 625.1	0.21	1	WKL	
ME-CC	2021/22-1	Wet	10/26/2021 8:45:00 AM	11/22/2021 7:01:00 PM	Naphthalene	n/a	<	0.49	µg/L	EPA 625.1	0.49	1	WKL	
ME-CC	2021/22-1	Wet	10/26/2021 8:45:00 AM	11/17/2021 6:20:00 AM	Naphthalene	n/a	<	0.026	µg/L	EPA 8270C	0.026	0.1	WKL	
ME-CC	2021/22-1	Wet	10/26/2021 8:45:00 AM	11/22/2021 7:01:00 PM	Nitrobenzene	n/a	<	0.36	µg/L	EPA 625.1	0.36	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	2021/22-1	Wet	10/26/2021 8:45:00 AM	11/22/2021 7:01:00 PM	N-Nitrosodimethylamine	n/a	<	0.5	µg/L	EPA 625.1	0.5	1	WKL	
ME-CC	2021/22-1	Wet	10/26/2021 8:45:00 AM	11/22/2021 7:01:00 PM	N-Nitrosodi-N-propylamine	n/a	<	0.26	µg/L	EPA 625.1	0.26	1	WKL	
ME-CC	2021/22-1	Wet	10/26/2021 8:45:00 AM	11/22/2021 7:01:00 PM	N-Nitrosodiphenylamine	n/a	<	0.19	µg/L	EPA 625.1	0.19	1	WKL	
ME-CC	2021/22-1	Wet	10/26/2021 8:45:00 AM	11/22/2021 7:01:00 PM	Phenanthrene	n/a	<	0.32	µg/L	EPA 625.1	0.32	1	WKL	
ME-CC	2021/22-1	Wet	10/26/2021 8:45:00 AM	11/17/2021 6:20:00 AM	Phenanthrene	n/a	<	0.029	µg/L	EPA 8270C	0.029	0.1	WKL	
ME-CC	2021/22-1	Wet	10/26/2021 8:45:00 AM	11/22/2021 7:01:00 PM	Phenol	n/a	<	0.81	µg/L	EPA 625.1	0.81	1	WKL	
ME-CC	2021/22-1	Wet	10/26/2021 8:45:00 AM	11/19/2021 7:33:00 PM	Phenol	n/a	<	0.35	µg/L	EPA 8270C	0.35	1	WKL	
ME-CC	2021/22-1	Wet	10/26/2021 8:45:00 AM	11/22/2021 7:01:00 PM	Pyrene	n/a	<	0.25	µg/L	EPA 625.1	0.25	1	WKL	
ME-CC	2021/22-1	Wet	10/26/2021 8:45:00 AM	11/17/2021 6:20:00 AM	Pyrene	n/a	<	0.04	µg/L	EPA 8270C	0.04	0.1	WKL	
ME-CC	2021/22-1	Wet	10/26/2021 8:45:00 AM	12/10/2021 7:17:00 PM	PCB Aroclor 1016	n/a	<	0.14	µg/L	EPA 608.3	0.14	2.5	WKL	
ME-CC	2021/22-1	Wet	10/26/2021 8:45:00 AM	12/10/2021 7:17:00 PM	PCB Aroclor 1221	n/a	<	0.3	µg/L	EPA 608.3	0.3	2.5	WKL	
ME-CC	2021/22-1	Wet	10/26/2021 8:45:00 AM	12/10/2021 7:17:00 PM	PCB Aroclor 1232	n/a	<	0.5	µg/L	EPA 608.3	0.5	2.5	WKL	
ME-CC	2021/22-1	Wet	10/26/2021 8:45:00 AM	12/10/2021 7:17:00 PM	PCB Aroclor 1242	n/a	<	0.35	µg/L	EPA 608.3	0.35	2.5	WKL	
ME-CC	2021/22-1	Wet	10/26/2021 8:45:00 AM	12/10/2021 7:17:00 PM	PCB Aroclor 1248	n/a	<	0.3	µg/L	EPA 608.3	0.3	2.5	WKL	
ME-CC	2021/22-1	Wet	10/26/2021 8:45:00 AM	12/10/2021 7:17:00 PM	PCB Aroclor 1254	n/a	<	0.2	µg/L	EPA 608.3	0.2	2.5	WKL	
ME-CC	2021/22-1	Wet	10/26/2021 8:45:00 AM	12/10/2021 7:17:00 PM	PCB Aroclor 1260	n/a	<	0.28	µg/L	EPA 608.3	0.28	2.5	WKL	
ME-CC	2021/22-1	Wet	10/26/2021 8:45:00 AM	11/7/2021 11:07:00 PM	2,4,5-T	n/a	<	0.03	µg/L	EPA 515.4	0.03	0.2	WKL	
ME-CC	2021/22-1	Wet	10/26/2021 8:45:00 AM	11/7/2021 11:07:00 PM	2,4,5-TP	n/a	<	0.026	µg/L	EPA 515.4	0.026	0.2	WKL	
ME-CC	2021/22-1	Wet	10/26/2021 8:45:00 AM	11/7/2021 11:07:00 PM	2,4-D	n/a	<	0.14	µg/L	EPA 515.4	0.14	0.4	WKL	
ME-CC	2021/22-1	Wet	10/26/2021 8:45:00 AM	11/7/2021 11:07:00 PM	2,4-DB	n/a	<	0.19	µg/L	EPA 515.4	0.19	2	WKL	
ME-CC	2021/22-1	Wet	10/26/2021 8:45:00 AM	11/7/2021 11:07:00 PM	3,5-Dichlorobenzoic acid	n/a	<	0.12	µg/L	EPA 515.4	0.12	1	WKL	
ME-CC	2021/22-1	Wet	10/26/2021 8:45:00 AM	12/10/2021 7:17:00 PM	4,4'-DDD	n/a	<	0.0035	µg/L	EPA 608.3	0.0035	0.25	WKL	
ME-CC	2021/22-1	Wet	10/26/2021 8:45:00 AM	12/10/2021 7:17:00 PM	4,4'-DDE	n/a	DNQ	0.024	µg/L	EPA 608.3	0.0035	0.25	WKL	
ME-CC	2021/22-1	Wet	10/26/2021 8:45:00 AM	12/10/2021 7:17:00 PM	4,4'-DDT	n/a	<	0.25	µg/L	EPA 608.3	0.25	0.25	WKL	
ME-CC	2021/22-1	Wet	10/26/2021 8:45:00 AM	11/7/2021 11:07:00 PM	Acifluorfen	n/a	<	0.03	µg/L	EPA 515.4	0.03	0.4	WKL	
ME-CC	2021/22-1	Wet	10/26/2021 8:45:00 AM	11/9/2021 7:31:00 PM	Alachlor	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1	WKL	
ME-CC	2021/22-1	Wet	10/26/2021 8:45:00 AM	12/10/2021 7:17:00 PM	Aldrin	n/a	<	0.005	µg/L	EPA 608.3	0.005	0.025	WKL	
ME-CC	2021/22-1	Wet	10/26/2021 8:45:00 AM	12/10/2021 7:17:00 PM	alpha-BHC	n/a	<	0.0055	µg/L	EPA 608.3	0.0055	0.05	WKL	
ME-CC	2021/22-1	Wet	10/26/2021 8:45:00 AM	11/9/2021 7:31:00 PM	Atrazine	n/a	<	0.011	µg/L	EPA 525.2	0.011	0.1	WKL	
ME-CC	2021/22-1	Wet	10/26/2021 8:45:00 AM	11/5/2021 9:34:00 PM	Azinphos methyl	n/a	<	0.028	µg/L	EPA 625.1m	0.028	0.05	WKL	
ME-CC	2021/22-1	Wet	10/26/2021 8:45:00 AM	11/7/2021 11:07:00 PM	Bentazon	n/a	<	2	µg/L	EPA 515.4	2	2	WKL	
ME-CC	2021/22-1	Wet	10/26/2021 8:45:00 AM	12/10/2021 7:17:00 PM	beta-BHC	n/a	<	0.0075	µg/L	EPA 608.3	0.0075	0.025	WKL	
ME-CC	2021/22-1	Wet	10/26/2021 8:45:00 AM	11/5/2021 9:34:00 PM	Bolstar	n/a	<	0.023	µg/L	EPA 625.1m	0.023	0.05	WKL	
ME-CC	2021/22-1	Wet	10/26/2021 8:45:00 AM	11/9/2021 7:31:00 PM	Bromacil	n/a	<	0.07	µg/L	EPA 525.2	0.07	0.5	WKL	
ME-CC	2021/22-1	Wet	10/26/2021 8:45:00 AM	11/9/2021 7:31:00 PM	Butachlor	n/a	<	0.012	µg/L	EPA 525.2	0.012	0.1	WKL	
ME-CC	2021/22-1	Wet	10/26/2021 8:45:00 AM	11/9/2021 7:31:00 PM	Captan	n/a	<	0.32	µg/L	EPA 525.2	0.32	1	WKL	
ME-CC	2021/22-1	Wet	10/26/2021 8:45:00 AM	12/10/2021 7:17:00 PM	Chlordane (technical)	n/a	<	0.22	µg/L	EPA 608.3	0.22	0.5	WKL	
ME-CC	2021/22-1	Wet	10/26/2021 8:45:00 AM	11/9/2021 7:31:00 PM	Chloroprotham	n/a	<	0.04	µg/L	EPA 525.2	0.04	0.1	WKL	
ME-CC	2021/22-1	Wet	10/26/2021 8:45:00 AM	11/5/2021 9:34:00 PM	Chlorpyrifos	n/a	<	0.034	µg/L	EPA 625.1m	0.034	0.05	WKL	
ME-CC	2021/22-1	Wet	10/26/2021 8:45:00 AM	11/5/2021 9:34:00 PM	Coumaphos	n/a	<	0.026	µg/L	EPA 625.1m	0.026	0.05	WKL	
ME-CC	2021/22-1	Wet	10/26/2021 8:45:00 AM	11/7/2021 11:07:00 PM	Dalapon	n/a	<	0.11	µg/L	EPA 515.4	0.11	0.4	WKL	
ME-CC	2021/22-1	Wet	10/26/2021 8:45:00 AM	11/7/2021 11:07:00 PM	DCPA (Dacthal)	n/a	=	0.83	µg/L	EPA 515.4	0.029	0.1	WKL	
ME-CC	2021/22-1	Wet	10/26/2021 8:45:00 AM	12/10/2021 7:17:00 PM	delta-BHC	n/a	<	0.0095	µg/L	EPA 608.3	0.0095	0.025	WKL	
ME-CC	2021/22-1	Wet	10/26/2021 8:45:00 AM	11/5/2021 9:34:00 PM	Demeton-O	n/a	<	0.05	µg/L	EPA 625.1m	0.05	0.05	WKL	
ME-CC	2021/22-1	Wet	10/26/2021 8:45:00 AM	11/5/2021 9:34:00 PM	Demeton-S	n/a	<	0.05	µg/L	EPA 625.1m	0.05	0.05	WKL	
ME-CC	2021/22-1	Wet	10/26/2021 8:45:00 AM	11/9/2021 7:31:00 PM	Diazinon	n/a	<	0.022	µg/L	EPA 525.2	0.022	0.1	WKL	
ME-CC	2021/22-1	Wet	10/26/2021 8:45:00 AM	11/5/2021 9:34:00 PM	Diazinon	n/a	<	0.026	µg/L	EPA 625.1m	0.026	0.05	WKL	
ME-CC	2021/22-1	Wet	10/26/2021 8:45:00 AM	11/7/2021 11:07:00 PM	Dicamba	n/a	<	0.049	µg/L	EPA 515.4	0.049	0.6	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
ME-CC	2021/22-1	Wet	10/26/2021 8:45:00 AM	11/7/2021 11:07:00 PM	Dichlorprop	n/a	<	0.12	µg/L	EPA 515.4	0.12	0.3	WKL	
ME-CC	2021/22-1	Wet	10/26/2021 8:45:00 AM	11/5/2021 9:34:00 PM	Dichlorvos	n/a	<	0.014	µg/L	EPA 625.1m	0.014	0.05	WKL	
ME-CC	2021/22-1	Wet	10/26/2021 8:45:00 AM	12/10/2021 7:17:00 PM	Dieldrin	n/a	<	0.004	µg/L	EPA 608.3	0.004	0.05	WKL	
ME-CC	2021/22-1	Wet	10/26/2021 8:45:00 AM	11/9/2021 7:31:00 PM	Dimethoate	n/a	<	0.02	µg/L	EPA 525.2	0.02	0.2	WKL	
ME-CC	2021/22-1	Wet	10/26/2021 8:45:00 AM	11/5/2021 9:34:00 PM	Dimethoate	n/a	<	0.031	µg/L	EPA 625.1m	0.031	0.05	WKL	
ME-CC	2021/22-1	Wet	10/26/2021 8:45:00 AM	11/7/2021 11:07:00 PM	Dinoseb	n/a	<	0.033	µg/L	EPA 515.4	0.033	0.4	WKL	
ME-CC	2021/22-1	Wet	10/26/2021 8:45:00 AM	11/9/2021 7:31:00 PM	Diphenamid	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1	WKL	
ME-CC	2021/22-1	Wet	10/26/2021 8:45:00 AM	11/9/2021 7:31:00 PM	Disulfoton	n/a	<	0.015	µg/L	EPA 525.2	0.015	0.1	WKL	
ME-CC	2021/22-1	Wet	10/26/2021 8:45:00 AM	11/5/2021 9:34:00 PM	Disulfoton	n/a	<	0.05	µg/L	EPA 625.1m	0.05	0.05	WKL	
ME-CC	2021/22-1	Wet	10/26/2021 8:45:00 AM	12/10/2021 7:17:00 PM	Endosulfan I	n/a	<	0.0045	µg/L	EPA 608.3	0.0045	0.1	WKL	
ME-CC	2021/22-1	Wet	10/26/2021 8:45:00 AM	12/10/2021 7:17:00 PM	Endosulfan II	n/a	<	0.0035	µg/L	EPA 608.3	0.0035	0.05	WKL	
ME-CC	2021/22-1	Wet	10/26/2021 8:45:00 AM	12/10/2021 7:17:00 PM	Endosulfan sulfate	n/a	<	0.0065	µg/L	EPA 608.3	0.0065	0.25	WKL	
ME-CC	2021/22-1	Wet	10/26/2021 8:45:00 AM	12/10/2021 7:17:00 PM	Endrin	n/a	<	0.0085	µg/L	EPA 608.3	0.0085	0.05	WKL	
ME-CC	2021/22-1	Wet	10/26/2021 8:45:00 AM	12/10/2021 8:45:00 AM	Endrin aldehyde	n/a	DNQ	0.01	µg/L	EPA 608.3	0.0095	0.05	WKL	
ME-CC	2021/22-1	Wet	10/26/2021 8:45:00 AM	11/9/2021 7:31:00 PM	EPTC	n/a	<	0.02	µg/L	EPA 525.2	0.02	0.1	WKL	
ME-CC	2021/22-1	Wet	10/26/2021 8:45:00 AM	11/5/2021 9:34:00 PM	Ethoprop	n/a	<	0.034	µg/L	EPA 625.1m	0.034	0.05	WKL	
ME-CC	2021/22-1	Wet	10/26/2021 8:45:00 AM	11/5/2021 9:34:00 PM	Ethyl parathion	n/a	<	0.027	µg/L	EPA 625.1m	0.027	0.05	WKL	
ME-CC	2021/22-1	Wet	10/26/2021 8:45:00 AM	11/5/2021 9:34:00 PM	Fensulfothion	n/a	<	0.014	µg/L	EPA 625.1m	0.014	0.05	WKL	
ME-CC	2021/22-1	Wet	10/26/2021 8:45:00 AM	11/5/2021 9:34:00 PM	Fenthion	n/a	<	0.019	µg/L	EPA 625.1m	0.019	0.05	WKL	
ME-CC	2021/22-1	Wet	10/26/2021 8:45:00 AM	12/10/2021 7:17:00 PM	gamma-BHC (Lindane)	n/a	<	0.002	µg/L	EPA 608.3	0.002	0.1	WKL	
ME-CC	2021/22-1	Wet	10/26/2021 8:45:00 AM	11/7/2021 8:40:00 PM	Glyphosate	n/a	=	45	µg/L	EPA 547	2.1	25	BSKL	
ME-CC	2021/22-1	Wet	10/26/2021 8:45:00 AM	12/10/2021 7:17:00 PM	Heptachlor	n/a	<	0.003	µg/L	EPA 608.3	0.003	0.05	WKL	
ME-CC	2021/22-1	Wet	10/26/2021 8:45:00 AM	12/10/2021 7:17:00 PM	Heptachlor epoxide	n/a	<	0.002	µg/L	EPA 608.3	0.002	0.05	WKL	
ME-CC	2021/22-1	Wet	10/26/2021 8:45:00 AM	11/5/2021 9:34:00 PM	Malathion	n/a	=	3.7	µg/L	EPA 625.1m	0.038	0.05	WKL	EST, LB-MSR
ME-CC	2021/22-1	Wet	10/26/2021 8:45:00 AM	11/5/2021 9:34:00 PM	Merphos	n/a	<	0.029	µg/L	EPA 625.1m	0.029	0.05	WKL	
ME-CC	2021/22-1	Wet	10/26/2021 8:45:00 AM	11/5/2021 9:34:00 PM	Methyl parathion	n/a	<	0.032	µg/L	EPA 625.1m	0.032	0.05	WKL	
ME-CC	2021/22-1	Wet	10/26/2021 8:45:00 AM	11/9/2021 7:31:00 PM	Metolachlor	n/a	=	0.54	µg/L	EPA 525.2	0.03	0.1	WKL	HB-LCSR
ME-CC	2021/22-1	Wet	10/26/2021 8:45:00 AM	11/9/2021 7:31:00 PM	Metribuzin	n/a	=	0.15	µg/L	EPA 525.2	0.03	0.1	WKL	
ME-CC	2021/22-1	Wet	10/26/2021 8:45:00 AM	11/5/2021 9:34:00 PM	Mevinphos	n/a	<	0.021	µg/L	EPA 625.1m	0.021	0.05	WKL	
ME-CC	2021/22-1	Wet	10/26/2021 8:45:00 AM	11/9/2021 7:31:00 PM	Molinate	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1	WKL	
ME-CC	2021/22-1	Wet	10/26/2021 8:45:00 AM	11/5/2021 9:34:00 PM	Naled	n/a	<	0.038	µg/L	EPA 625.1m	0.038	0.05	WKL	
ME-CC	2021/22-1	Wet	10/26/2021 8:45:00 AM	11/7/2021 11:07:00 PM	Pentachlorophenol	n/a	<	0.5	µg/L	EPA 515.4	0.5	0.5	WKL	
ME-CC	2021/22-1	Wet	10/26/2021 8:45:00 AM	11/22/2021 7:01:00 PM	Pentachlorophenol	n/a	DNQ	0.61	µg/L	EPA 625.1	0.4	1	WKL	
ME-CC	2021/22-1	Wet	10/26/2021 8:45:00 AM	11/19/2021 7:33:00 PM	Pentachlorophenol	n/a	DNQ	0.64	µg/L	EPA 8270C	0.15	1	WKL	EST-LCSRPD
ME-CC	2021/22-1	Wet	10/26/2021 8:45:00 AM	11/5/2021 9:34:00 PM	Phorate	n/a	<	0.015	µg/L	EPA 625.1m	0.015	0.05	WKL	
ME-CC	2021/22-1	Wet	10/26/2021 8:45:00 AM	11/7/2021 11:07:00 PM	Picloram	n/a	<	0.05	µg/L	EPA 515.4	0.05	0.6	WKL	
ME-CC	2021/22-1	Wet	10/26/2021 8:45:00 AM	11/9/2021 7:31:00 PM	Prometryn	n/a	=	0.12	µg/L	EPA 525.2	0.03	0.1	WKL	
ME-CC	2021/22-1	Wet	10/26/2021 8:45:00 AM	11/5/2021 9:34:00 PM	Ronnel (Fenchlorphos)	n/a	<	0.02	µg/L	EPA 625.1m	0.02	0.05	WKL	
ME-CC	2021/22-1	Wet	10/26/2021 8:45:00 AM	11/9/2021 7:31:00 PM	Simazine	n/a	<	0.02	µg/L	EPA 525.2	0.02	0.1	WKL	
ME-CC	2021/22-1	Wet	10/26/2021 8:45:00 AM	11/5/2021 9:34:00 PM	Stirophos (Tetrachlorvinphos)	n/a	<	0.016	µg/L	EPA 625.1m	0.016	0.05	WKL	
ME-CC	2021/22-1	Wet	10/26/2021 8:45:00 AM	11/9/2021 7:31:00 PM	Terbacil	n/a	<	0.09	µg/L	EPA 525.2	0.09	2	WKL	
ME-CC	2021/22-1	Wet	10/26/2021 8:45:00 AM	11/9/2021 7:31:00 PM	Thiobencarb	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1	WKL	
ME-CC	2021/22-1	Wet	10/26/2021 8:45:00 AM	11/5/2021 9:34:00 PM	Tokuthion	n/a	<	0.039	µg/L	EPA 625.1m	0.039	0.05	WKL	
ME-CC	2021/22-1	Wet	10/26/2021 8:45:00 AM	12/10/2021 7:17:00 PM	Toxaphene	n/a	<	0.42	µg/L	EPA 608.3	0.42	2.5	WKL	
ME-CC	2021/22-1	Wet	10/26/2021 8:45:00 AM	11/5/2021 9:34:00 PM	Trichloronate	n/a	<	0.034	µg/L	EPA 625.1m	0.034	0.05	WKL	
ME-CC	2021/22-1	Wet	10/26/2021 8:45:00 AM	11/9/2021 7:31:00 PM	Trithion	n/a	<	0.02	µg/L	EPA 525.2	0.02	0.1	WKL	
ME-CC	2021/22-2	Wet	12/14/2021 12:20:00 PM	12/15/2021 2:00:00 PM	E. Coli	n/a	=	15531	MPN/100 mL	MMO-MUG	10	10	VCHCA	
ME-CC	2021/22-2	Wet	12/14/2021 12:20:00 PM	12/15/2021 2:00:00 PM	Total Coliform	n/a	=	461100	MPN/100 mL	MMO-MUG	1000	1000	VCHCA	

Appendix G
Laboratory 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	2021/22-2	Wet	12/14/2021 12:20:00 PM	12/14/2021 12:20:00 PM	Conductivity	n/a	=	196	µmhos/cm	Field Meter	-88	1	Field Crew	
ME-CC	2021/22-2	Wet	12/14/2021 12:20:00 PM	12/16/2021 3:37:00 PM	Cyanide	Total	=	0.01	mg/L	ASTM D7511	0.0012	0.002	WKL	EST-FD
ME-CC	2021/22-2	Wet	12/14/2021 12:20:00 PM	12/14/2021 12:20:00 PM	DO	n/a	=	8.51	mg/L	Field Meter	-88	0.3	Field Crew	
ME-CC	2021/22-2	Wet	12/14/2021 12:20:00 PM	12/14/2021 12:20:00 PM	DO	n/a	=	80.8	%	Field Meter	-88	0.1	Field Crew	
ME-CC	2021/22-2	Wet	12/14/2021 12:20:00 PM	12/14/2021 12:20:00 PM	pH	n/a	=	8.2	pH Units	Field Meter	-88	0.01	Field Crew	
ME-CC	2021/22-2	Wet	12/14/2021 12:20:00 PM	12/14/2021 12:20:00 PM	Salinity	n/a	=	100	mg/L	Field Meter	-88	100	Field Crew	
ME-CC	2021/22-2	Wet	12/14/2021 12:20:00 PM	12/14/2021 12:20:00 PM	Specific Conductance	n/a	=	254.3	µmhos/cm	Field Meter	-88	1	Field Crew	
ME-CC	2021/22-2	Wet	12/14/2021 12:20:00 PM	12/14/2021 12:20:00 PM	Temperature	n/a	=	13	°C	Field Meter	-88	0.1	Field Crew	
ME-CC	2021/22-2	Wet	12/14/2021 12:20:00 PM	12/21/2021 6:24:00 AM	Gasoline Range Organics	n/a	<	0.065	mg/L	EPA 8260B	0.065	0.1	WKL	
ME-CC	2021/22-2	Wet	12/14/2021 12:20:00 PM	1/6/2022 7:00:00 PM	Oil and Grease	n/a	<	1.3	mg/L	EPA 1664B	1.3	5	WKL	
ME-CC	2021/22-2	Wet	12/14/2021 12:20:00 PM	12/16/2021 3:57:00 PM	2-Chloroethyl vinyl ether	n/a	<	0.95	µg/L	EPA 624.1	0.95	5	WKL	DG
ME-CC	2021/22-2	Wet	12/14/2021 12:20:00 PM	12/16/2021 3:57:00 PM	Methyl tert-butyl ether (MTBE)	n/a	<	2	µg/L	EPA 624.1	2	5	WKL	DG
ME-CC	2021/22-2	Wet	12/15/2021 7:50:00 AM	12/16/2021 1:46:00 PM	Chloride	n/a	=	81	mg/L	EPA 300.0	0.38	1	WKL	
ME-CC	2021/22-2	Wet	12/15/2021 7:50:00 AM	12/17/2021 10:23:00 PM	Fluoride	n/a	=	0.25	mg/L	EPA 300.0	0.018	0.2	WKL	
ME-CC	2021/22-2	Wet	12/15/2021 7:50:00 AM	12/18/2021 9:32:00 PM	Perchlorate	n/a	<	0.78	µg/L	EPA 314.0	0.78	4	WKL	
ME-CC	2021/22-2	Wet	12/15/2021 7:50:00 AM	12/28/2021 1:40:00 PM	Calcium	Total	=	81	mg/L	EPA 200.7	0.32	1	WKL	
ME-CC	2021/22-2	Wet	12/15/2021 7:50:00 AM	12/28/2021 1:40:00 PM	Magnesium	Total	=	44.6	mg/L	EPA 200.7	0.078	1	WKL	
ME-CC	2021/22-2	Wet	12/15/2021 7:50:00 AM	12/18/2021 4:06:00 PM	Alkalinity as CaCO3	n/a	=	98	mg/L	SM 2320 B	2.3	5	WKL	
ME-CC	2021/22-2	Wet	12/15/2021 7:50:00 AM	12/20/2021 7:10:00 PM	BOD	n/a	=	17	mg/L	SM 5210 B	2	2	WKL	
ME-CC	2021/22-2	Wet	12/15/2021 7:50:00 AM	12/30/2021 11:12:00 AM	COD	n/a	=	31	mg/L	EPA 410.4	2.9	5	WKL	
ME-CC	2021/22-2	Wet	12/15/2021 7:50:00 AM	12/28/2021 1:40:00 PM	Hardness as CaCO3	Total	=	386	mg/L	EPA 200.7	1.12	6.62	WKL	
ME-CC	2021/22-2	Wet	12/15/2021 7:50:00 AM	12/15/2021 7:23:00 PM	MBAS	n/a	<	0.013	mg/L	SM 5540 C	0.013	0.05	WKL	
ME-CC	2021/22-2	Wet	12/15/2021 7:50:00 AM	1/2/2022 11:44:00 AM	Phenolics	n/a	=	0.016	mg/L	EPA 420.4	0.0068	0.01	WKL	
ME-CC	2021/22-2	Wet	12/15/2021 7:50:00 AM	12/16/2021 1:43:00 PM	Specific Conductance	n/a	=	660	µmhos/cm	SM 2510 B	1.1	2	WKL	
ME-CC	2021/22-2	Wet	12/15/2021 7:50:00 AM	12/16/2021 10:56:00 AM	Total Chlorine Residual	n/a	=	0.055	mg/L	SM 4500-Cl G	0.031	0.05	WKL	EST-HT
ME-CC	2021/22-2	Wet	12/15/2021 7:50:00 AM	12/21/2021 12:36:00 PM	Total Dissolved Solids	n/a	=	400	mg/L	SM 2540 C	4	10	WKL	
ME-CC	2021/22-2	Wet	12/15/2021 7:50:00 AM	12/29/2021 1:28:00 PM	Total Organic Carbon	n/a	=	11	mg/L	SM 5310 B	0.19	0.3	WKL	
ME-CC	2021/22-2	Wet	12/15/2021 7:50:00 AM	12/20/2021 7:00:00 PM	Total Suspended Solids	n/a	=	1600	mg/L	SM 2540 D	-88	5	WKL	
ME-CC	2021/22-2	Wet	12/15/2021 7:50:00 AM	12/15/2021 5:36:00 PM	Turbidity	n/a	=	140	NTU	EPA 180.1	0.85	5	WKL	
ME-CC	2021/22-2	Wet	12/15/2021 7:50:00 AM	12/20/2021 7:00:00 PM	Volatile Suspended Solids	n/a	=	210	mg/L	EPA 160.4	3.1	5	WKL	
ME-CC	2021/22-2	Wet	12/15/2021 7:50:00 AM	12/29/2021 4:47:00 PM	Diesel Range Organics	n/a	=	0.23	mg/L	EPA 8015B	0.072	0.1	WKL	EST-LCSRPD
ME-CC	2021/22-2	Wet	12/15/2021 7:50:00 AM	12/29/2021 4:47:00 PM	Oil Range Organics	n/a	<	0.33	mg/L	EPA 8015B	0.33	0.5	WKL	
ME-CC	2021/22-2	Wet	12/15/2021 7:50:00 AM	1/4/2022 5:29:00 PM	Aluminum	Dissolved	DNQ	19	µg/L	EPA 200.8	4.4	20	WKL	
ME-CC	2021/22-2	Wet	12/15/2021 7:50:00 AM	1/4/2022 6:33:00 PM	Aluminum	Total	=	35000	µg/L	EPA 200.8	89	400	WKL	
ME-CC	2021/22-2	Wet	12/15/2021 7:50:00 AM	1/4/2022 5:29:00 PM	Antimony	Dissolved	=	0.51	µg/L	EPA 200.8	0.089	0.5	WKL	
ME-CC	2021/22-2	Wet	12/15/2021 7:50:00 AM	1/4/2022 5:32:00 PM	Antimony	Total	DNQ	0.86	µg/L	EPA 200.8	0.18	1	WKL	
ME-CC	2021/22-2	Wet	12/15/2021 7:50:00 AM	1/4/2022 5:29:00 PM	Arsenic	Dissolved	=	3.2	µg/L	EPA 200.8	0.074	0.4	WKL	
ME-CC	2021/22-2	Wet	12/15/2021 7:50:00 AM	1/4/2022 5:32:00 PM	Arsenic	Total	=	11	µg/L	EPA 200.8	0.15	0.8	WKL	
ME-CC	2021/22-2	Wet	12/15/2021 7:50:00 AM	1/4/2022 5:32:00 PM	Barium	Total	=	320	µg/L	EPA 200.8	0.28	2	WKL	
ME-CC	2021/22-2	Wet	12/15/2021 7:50:00 AM	1/4/2022 5:29:00 PM	Beryllium	Dissolved	<	0.062	µg/L	EPA 200.8	0.062	0.1	WKL	
ME-CC	2021/22-2	Wet	12/15/2021 7:50:00 AM	1/4/2022 5:32:00 PM	Beryllium	Total	=	1.3	µg/L	EPA 200.8	0.12	0.2	WKL	
ME-CC	2021/22-2	Wet	12/15/2021 7:50:00 AM	1/4/2022 5:29:00 PM	Cadmium	Dissolved	DNQ	0.12	µg/L	EPA 200.8	0.042	0.2	WKL	
ME-CC	2021/22-2	Wet	12/15/2021 7:50:00 AM	1/4/2022 5:32:00 PM	Cadmium	Total	=	3.4	µg/L	EPA 200.8	0.083	0.4	WKL	
ME-CC	2021/22-2	Wet	12/15/2021 7:50:00 AM	1/4/2022 5:29:00 PM	Chromium	Dissolved	=	0.23	µg/L	EPA 200.8	0.089	0.2	WKL	
ME-CC	2021/22-2	Wet	12/15/2021 7:50:00 AM	1/4/2022 5:32:00 PM	Chromium	Total	=	100	µg/L	EPA 200.8	0.18	0.4	WKL	
ME-CC	2021/22-2	Wet	12/15/2021 7:50:00 AM	12/20/2021 1:41:00 PM	Chromium VI	n/a	=	0.063	µg/L	EPA 218.6	0.0079	0.02	WKL	
ME-CC	2021/22-2	Wet	12/15/2021 7:50:00 AM	1/4/2022 5:29:00 PM	Copper	Dissolved	=	3.9	µg/L	EPA 200.8	0.23	0.5	WKL	
ME-CC	2021/22-2	Wet	12/15/2021 7:50:00 AM	1/4/2022 5:32:00 PM	Copper	Total	=	84	µg/L	EPA 200.8	0.45	1	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
ME-CC	2021/22-2	Wet	12/15/2021 7:50:00 AM	1/4/2022 5:29:00 PM	Iron	Dissolved	=	52	µg/L	EPA 200.8	3.9	20	WKL	
ME-CC	2021/22-2	Wet	12/15/2021 7:50:00 AM	1/4/2022 6:33:00 PM	Iron	Total	=	55000	µg/L	EPA 200.8	79	400	WKL	
ME-CC	2021/22-2	Wet	12/15/2021 7:50:00 AM	1/4/2022 5:29:00 PM	Lead	Dissolved	<	0.083	µg/L	EPA 200.8	0.083	0.2	WKL	
ME-CC	2021/22-2	Wet	12/15/2021 7:50:00 AM	1/4/2022 5:32:00 PM	Lead	Total	=	27	µg/L	EPA 200.8	0.17	0.4	WKL	
ME-CC	2021/22-2	Wet	12/15/2021 7:50:00 AM	12/27/2021 3:45:00 PM	Mercury	Dissolved	DNQ	19	ng/L	EPA 245.1	17	50	WKL	UL-MB
ME-CC	2021/22-2	Wet	12/15/2021 7:50:00 AM	12/27/2021 3:46:00 PM	Mercury	Total	=	110	ng/L	EPA 245.1	17	50	WKL	
ME-CC	2021/22-2	Wet	12/15/2021 7:50:00 AM	1/4/2022 5:29:00 PM	Nickel	Dissolved	=	4.1	µg/L	EPA 200.8	0.16	2	WKL	
ME-CC	2021/22-2	Wet	12/15/2021 7:50:00 AM	1/4/2022 5:32:00 PM	Nickel	Total	=	97	µg/L	EPA 200.8	0.33	4	WKL	
ME-CC	2021/22-2	Wet	12/15/2021 7:50:00 AM	1/4/2022 5:29:00 PM	Selenium	Dissolved	=	0.42	µg/L	EPA 200.8	0.067	0.4	WKL	
ME-CC	2021/22-2	Wet	12/15/2021 7:50:00 AM	1/4/2022 5:32:00 PM	Selenium	Total	=	2.1	µg/L	EPA 200.8	0.13	0.8	WKL	
ME-CC	2021/22-2	Wet	12/15/2021 7:50:00 AM	1/4/2022 5:29:00 PM	Silver	Dissolved	<	0.03	µg/L	EPA 200.8	0.03	0.2	WKL	
ME-CC	2021/22-2	Wet	12/15/2021 7:50:00 AM	1/4/2022 5:32:00 PM	Silver	Total	DNQ	0.24	µg/L	EPA 200.8	0.06	0.4	WKL	
ME-CC	2021/22-2	Wet	12/15/2021 7:50:00 AM	1/4/2022 5:29:00 PM	Thallium	Dissolved	<	0.021	µg/L	EPA 200.8	0.021	0.2	WKL	
ME-CC	2021/22-2	Wet	12/15/2021 7:50:00 AM	1/4/2022 5:32:00 PM	Thallium	Total	=	0.41	µg/L	EPA 200.8	0.042	0.4	WKL	
ME-CC	2021/22-2	Wet	12/15/2021 7:50:00 AM	1/4/2022 5:29:00 PM	Zinc	Dissolved	DNQ	6.1	µg/L	EPA 200.8	0.8	10	WKL	
ME-CC	2021/22-2	Wet	12/15/2021 7:50:00 AM	1/4/2022 5:32:00 PM	Zinc	Total	=	310	µg/L	EPA 200.8	1.6	20	WKL	
ME-CC	2021/22-2	Wet	12/15/2021 7:50:00 AM	12/29/2021 4:43:00 PM	Ammonia as N	n/a	=	0.29	mg/L	EPA 350.1	0.017	0.1	WKL	
ME-CC	2021/22-2	Wet	12/15/2021 7:50:00 AM	12/16/2021 6:50:00 PM	Nitrate + Nitrite as N	n/a	=	3.1	mg/L	EPA 353.2	0.036	0.2	WKL	
ME-CC	2021/22-2	Wet	12/15/2021 7:50:00 AM	12/16/2021 6:50:00 PM	Nitrate as N	n/a	=	3.1	mg/L	EPA 353.2	0.04	0.2	WKL	
ME-CC	2021/22-2	Wet	12/15/2021 7:50:00 AM	12/28/2021 1:37:00 PM	Phosphorus as P	Dissolved	=	0.83	mg/L	EPA 200.7	0.018	0.05	WKL	
ME-CC	2021/22-2	Wet	12/15/2021 7:50:00 AM	12/28/2021 1:40:00 PM	Phosphorus as P	Total	=	5.5	mg/L	EPA 200.7	0.036	0.1	WKL	
ME-CC	2021/22-2	Wet	12/15/2021 7:50:00 AM	1/12/2022 4:40:00 PM	TKN	n/a	=	5.7	mg/L	EPA 351.2	1.3	2	WKL	
ME-CC	2021/22-2	Wet	12/15/2021 7:50:00 AM	1/18/2022 8:46:00 PM	1,2,4-Trichlorobenzene	n/a	<	0.49	µg/L	EPA 625.1	0.49	1	WKL	
ME-CC	2021/22-2	Wet	12/15/2021 7:50:00 AM	1/18/2022 8:46:00 PM	1,2-Dichlorobenzene	n/a	<	0.46	µg/L	EPA 625.1	0.46	1	WKL	
ME-CC	2021/22-2	Wet	12/15/2021 7:50:00 AM	1/18/2022 8:46:00 PM	1,2-Diphenylhydrazine	n/a	<	0.3	µg/L	EPA 625.1	0.3	1	WKL	
ME-CC	2021/22-2	Wet	12/15/2021 7:50:00 AM	1/18/2022 8:46:00 PM	1,3-Dichlorobenzene	n/a	<	0.42	µg/L	EPA 625.1	0.42	1	WKL	
ME-CC	2021/22-2	Wet	12/15/2021 7:50:00 AM	1/18/2022 8:46:00 PM	1,4-Dichlorobenzene	n/a	<	0.48	µg/L	EPA 625.1	0.48	1	WKL	
ME-CC	2021/22-2	Wet	12/15/2021 7:50:00 AM	1/15/2022 8:16:00 AM	1-Methylnaphthalene	n/a	<	0.024	µg/L	EPA 8270C	0.024	0.1	WKL	
ME-CC	2021/22-2	Wet	12/15/2021 7:50:00 AM	1/14/2022 2:39:00 AM	2,4,5-Trichlorophenol	n/a	<	0.29	µg/L	EPA 8270C	0.29	1	WKL	
ME-CC	2021/22-2	Wet	12/15/2021 7:50:00 AM	1/18/2022 8:46:00 PM	2,4,6-Trichlorophenol	n/a	<	0.22	µg/L	EPA 625.1	0.22	1	WKL	
ME-CC	2021/22-2	Wet	12/15/2021 7:50:00 AM	1/14/2022 2:39:00 AM	2,4,6-Trichlorophenol	n/a	<	0.3	µg/L	EPA 8270C	0.3	1	WKL	
ME-CC	2021/22-2	Wet	12/15/2021 7:50:00 AM	1/14/2022 2:39:00 AM	2,4-Dichlorophenol	n/a	<	0.51	µg/L	EPA 8270C	0.51	1	WKL	
ME-CC	2021/22-2	Wet	12/15/2021 7:50:00 AM	1/18/2022 8:46:00 PM	2,4-Dichlorophenol	n/a	<	0.26	µg/L	EPA 625.1	0.26	1	WKL	
ME-CC	2021/22-2	Wet	12/15/2021 7:50:00 AM	1/14/2022 2:39:00 AM	2,4-Dimethylphenol	n/a	<	1	µg/L	EPA 8270C	1	2	WKL	EST-LCSRPD
ME-CC	2021/22-2	Wet	12/15/2021 7:50:00 AM	1/18/2022 8:46:00 PM	2,4-Dimethylphenol	n/a	<	0.76	µg/L	EPA 625.1	0.76	1	WKL	LCSRPD, LB-L
ME-CC	2021/22-2	Wet	12/15/2021 7:50:00 AM	1/18/2022 8:46:00 PM	2,4-Dinitrophenol	n/a	<	1.9	µg/L	EPA 625.1	1.9	10	WKL	
ME-CC	2021/22-2	Wet	12/15/2021 7:50:00 AM	1/14/2022 2:39:00 AM	2,4-Dinitrophenol	n/a	<	1	µg/L	EPA 8270C	1	2	WKL	
ME-CC	2021/22-2	Wet	12/15/2021 7:50:00 AM	1/18/2022 8:46:00 PM	2,4-Dinitrotoluene	n/a	<	0.46	µg/L	EPA 625.1	0.46	1	WKL	
ME-CC	2021/22-2	Wet	12/15/2021 7:50:00 AM	1/18/2022 8:46:00 PM	2,6-Dinitrotoluene	n/a	<	0.27	µg/L	EPA 625.1	0.27	1	WKL	
ME-CC	2021/22-2	Wet	12/15/2021 7:50:00 AM	1/18/2022 8:46:00 PM	2-Chloronaphthalene	n/a	<	0.45	µg/L	EPA 625.1	0.45	1	WKL	
ME-CC	2021/22-2	Wet	12/15/2021 7:50:00 AM	1/14/2022 2:39:00 AM	2-Chlorophenol	n/a	<	0.65	µg/L	EPA 8270C	0.65	1	WKL	
ME-CC	2021/22-2	Wet	12/15/2021 7:50:00 AM	1/18/2022 8:46:00 PM	2-Chlorophenol	n/a	<	0.28	µg/L	EPA 625.1	0.28	1	WKL	
ME-CC	2021/22-2	Wet	12/15/2021 7:50:00 AM	1/15/2022 8:16:00 AM	2-Methylnaphthalene	n/a	<	0.026	µg/L	EPA 8270C	0.026	0.1	WKL	
ME-CC	2021/22-2	Wet	12/15/2021 7:50:00 AM	1/14/2022 2:39:00 AM	2-Methylphenol	n/a	<	0.34	µg/L	EPA 8270C	0.34	1	WKL	
ME-CC	2021/22-2	Wet	12/15/2021 7:50:00 AM	1/18/2022 8:46:00 PM	2-Nitrophenol	n/a	<	0.26	µg/L	EPA 625.1	0.26	1	WKL	
ME-CC	2021/22-2	Wet	12/15/2021 7:50:00 AM	1/14/2022 2:39:00 AM	2-Nitrophenol	n/a	<	0.71	µg/L	EPA 8270C	0.71	1	WKL	
ME-CC	2021/22-2	Wet	12/15/2021 7:50:00 AM	1/18/2022 8:46:00 PM	3,3'-Dichlorobenzidine	n/a	<	2.5	µg/L	EPA 625.1	2.5	5	WKL	
ME-CC	2021/22-2	Wet	12/15/2021 7:50:00 AM	1/14/2022 2:39:00 AM	3-/4-Methylphenol	n/a	<	0.3	µg/L	EPA 8270C	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
ME-CC	2021/22-2	Wet	12/15/2021 7:50:00 AM	1/18/2022 8:46:00 PM	4,6-Dinitro-2-methylphenol	n/a	<	0.5	µg/L	EPA 625.1	0.5	5	WKL	
ME-CC	2021/22-2	Wet	12/15/2021 7:50:00 AM	1/14/2022 2:39:00 AM	4,6-Dinitro-2-methylphenol	n/a	<	0.14	µg/L	EPA 8270C	0.14	1	WKL	
ME-CC	2021/22-2	Wet	12/15/2021 7:50:00 AM	1/18/2022 8:46:00 PM	4-Bromophenyl phenyl ether	n/a	<	0.36	µg/L	EPA 625.1	0.36	1	WKL	
ME-CC	2021/22-2	Wet	12/15/2021 7:50:00 AM	1/14/2022 2:39:00 AM	4-Chloro-3-methylphenol	n/a	<	0.37	µg/L	EPA 8270C	0.37	1	WKL	
ME-CC	2021/22-2	Wet	12/15/2021 7:50:00 AM	1/18/2022 8:46:00 PM	4-Chloro-3-methylphenol	n/a	<	0.23	µg/L	EPA 625.1	0.23	1	WKL	
ME-CC	2021/22-2	Wet	12/15/2021 7:50:00 AM	1/18/2022 8:46:00 PM	4-Chlorophenyl phenyl ether	n/a	<	0.41	µg/L	EPA 625.1	0.41	1	WKL	
ME-CC	2021/22-2	Wet	12/15/2021 7:50:00 AM	1/18/2022 8:46:00 PM	4-Nitrophenol	n/a	<	1.2	µg/L	EPA 625.1	1.2	5	WKL	
ME-CC	2021/22-2	Wet	12/15/2021 7:50:00 AM	1/14/2022 2:39:00 AM	4-Nitrophenol	n/a	<	1	µg/L	EPA 8270C	1	2	WKL	
ME-CC	2021/22-2	Wet	12/15/2021 7:50:00 AM	1/15/2022 8:16:00 AM	Acenaphthene	n/a	<	0.028	µg/L	EPA 8270C	0.028	0.1	WKL	
ME-CC	2021/22-2	Wet	12/15/2021 7:50:00 AM	1/18/2022 8:46:00 PM	Acenaphthene	n/a	<	0.38	µg/L	EPA 625.1	0.38	1	WKL	
ME-CC	2021/22-2	Wet	12/15/2021 7:50:00 AM	1/18/2022 8:46:00 PM	Acenaphthylene	n/a	<	0.35	µg/L	EPA 625.1	0.35	1	WKL	
ME-CC	2021/22-2	Wet	12/15/2021 7:50:00 AM	1/15/2022 8:16:00 AM	Acenaphthylene	n/a	<	0.033	µg/L	EPA 8270C	0.033	0.1	WKL	
ME-CC	2021/22-2	Wet	12/15/2021 7:50:00 AM	1/15/2022 8:16:00 AM	Anthracene	n/a	<	0.025	µg/L	EPA 8270C	0.025	0.1	WKL	
ME-CC	2021/22-2	Wet	12/15/2021 7:50:00 AM	1/18/2022 8:46:00 PM	Anthracene	n/a	<	0.41	µg/L	EPA 625.1	0.41	1	WKL	
ME-CC	2021/22-2	Wet	12/15/2021 7:50:00 AM	1/15/2022 8:16:00 AM	Benz(a)anthracene	n/a	<	0.051	µg/L	EPA 8270C	0.051	0.1	WKL	
ME-CC	2021/22-2	Wet	12/15/2021 7:50:00 AM	1/18/2022 8:46:00 PM	Benz(a)anthracene	n/a	<	0.19	µg/L	EPA 625.1	0.19	1	WKL	
ME-CC	2021/22-2	Wet	12/15/2021 7:50:00 AM	1/18/2022 8:46:00 PM	Benzenidine	n/a	<	3.2	µg/L	EPA 625.1	3.2	10	WKL	
ME-CC	2021/22-2	Wet	12/15/2021 7:50:00 AM	12/23/2021 6:18:00 PM	Benzo(a)pyrene	n/a	<	0.2	µg/L	EPA 525.2	0.2	1	WKL	
ME-CC	2021/22-2	Wet	12/15/2021 7:50:00 AM	1/18/2022 8:46:00 PM	Benzo(a)pyrene	n/a	<	0.39	µg/L	EPA 625.1	0.39	1	WKL	
ME-CC	2021/22-2	Wet	12/15/2021 7:50:00 AM	1/15/2022 8:16:00 AM	Benzo(a)pyrene	n/a	<	0.051	µg/L	EPA 8270C	0.051	0.1	WKL	
ME-CC	2021/22-2	Wet	12/15/2021 7:50:00 AM	1/15/2022 8:16:00 AM	Benzo(b)fluoranthene	n/a	<	0.074	µg/L	EPA 8270C	0.074	0.1	WKL	
ME-CC	2021/22-2	Wet	12/15/2021 7:50:00 AM	1/18/2022 8:46:00 PM	Benzo(b)fluoranthene	n/a	<	0.46	µg/L	EPA 625.1	0.46	1	WKL	
ME-CC	2021/22-2	Wet	12/15/2021 7:50:00 AM	1/15/2022 8:16:00 AM	Benzo(g,h,i)perylene	n/a	<	0.05	µg/L	EPA 8270C	0.05	0.1	WKL	
ME-CC	2021/22-2	Wet	12/15/2021 7:50:00 AM	1/18/2022 8:46:00 PM	Benzo(g,h,i)perylene	n/a	<	0.42	µg/L	EPA 625.1	0.42	2	WKL	
ME-CC	2021/22-2	Wet	12/15/2021 7:50:00 AM	1/18/2022 8:46:00 PM	Benzo(k)fluoranthene	n/a	<	0.22	µg/L	EPA 625.1	0.22	1	WKL	
ME-CC	2021/22-2	Wet	12/15/2021 7:50:00 AM	1/15/2022 8:16:00 AM	Benzo(k)fluoranthene	n/a	<	0.026	µg/L	EPA 8270C	0.026	0.1	WKL	
ME-CC	2021/22-2	Wet	12/15/2021 7:50:00 AM	1/18/2022 8:46:00 PM	Bis(2-chloroethoxy)methane	n/a	<	0.25	µg/L	EPA 625.1	0.25	1	WKL	
ME-CC	2021/22-2	Wet	12/15/2021 7:50:00 AM	1/18/2022 8:46:00 PM	Bis(2-chloroethyl)ether	n/a	<	0.27	µg/L	EPA 625.1	0.27	1	WKL	
ME-CC	2021/22-2	Wet	12/15/2021 7:50:00 AM	1/18/2022 8:46:00 PM	Bis(2-chloroisopropyl)ether	n/a	<	0.38	µg/L	EPA 625.1	0.38	1	WKL	
ME-CC	2021/22-2	Wet	12/15/2021 7:50:00 AM	12/23/2021 6:18:00 PM	Bis(2-ethylhexyl)adipate	n/a	<	4.2	µg/L	EPA 525.2	4.2	50	WKL	
ME-CC	2021/22-2	Wet	12/15/2021 7:50:00 AM	12/23/2021 6:18:00 PM	Bis(2-ethylhexyl)phthalate	n/a	<	4.1	µg/L	EPA 525.2	4.1	30	WKL	
ME-CC	2021/22-2	Wet	12/15/2021 7:50:00 AM	1/18/2022 8:46:00 PM	Bis(2-ethylhexyl)phthalate	n/a	<	2.3	µg/L	EPA 625.1	2.3	5	WKL	
ME-CC	2021/22-2	Wet	12/15/2021 7:50:00 AM	1/18/2022 8:46:00 PM	Butyl benzyl phthalate	n/a	=	1	µg/L	EPA 625.1	0.49	1	WKL	
ME-CC	2021/22-2	Wet	12/15/2021 7:50:00 AM	1/18/2022 8:46:00 PM	Chrysene	n/a	<	0.19	µg/L	EPA 625.1	0.19	1	WKL	
ME-CC	2021/22-2	Wet	12/15/2021 7:50:00 AM	1/15/2022 8:16:00 AM	Chrysene	n/a	<	0.074	µg/L	EPA 8270C	0.074	0.1	WKL	
ME-CC	2021/22-2	Wet	12/15/2021 7:50:00 AM	1/15/2022 8:16:00 AM	Dibenz(a,h)anthracene	n/a	<	0.036	µg/L	EPA 8270C	0.036	0.1	WKL	
ME-CC	2021/22-2	Wet	12/15/2021 7:50:00 AM	1/18/2022 8:46:00 PM	Dibenz(a,h)anthracene	n/a	<	0.15	µg/L	EPA 625.1	0.15	2	WKL	
ME-CC	2021/22-2	Wet	12/15/2021 7:50:00 AM	1/18/2022 8:46:00 PM	Diethyl phthalate	n/a	<	0.35	µg/L	EPA 625.1	0.35	1	WKL	
ME-CC	2021/22-2	Wet	12/15/2021 7:50:00 AM	1/18/2022 8:46:00 PM	Dimethyl phthalate	n/a	<	0.18	µg/L	EPA 625.1	0.18	1	WKL	
ME-CC	2021/22-2	Wet	12/15/2021 7:50:00 AM	1/18/2022 8:46:00 PM	Di-n-butylphthalate	n/a	<	0.34	µg/L	EPA 625.1	0.34	1	WKL	
ME-CC	2021/22-2	Wet	12/15/2021 7:50:00 AM	1/18/2022 8:46:00 PM	Di-n-octylphthalate	n/a	<	0.46	µg/L	EPA 625.1	0.46	1	WKL	
ME-CC	2021/22-2	Wet	12/15/2021 7:50:00 AM	1/18/2022 8:46:00 PM	Fluoranthene	n/a	<	0.35	µg/L	EPA 625.1	0.35	1	WKL	
ME-CC	2021/22-2	Wet	12/15/2021 7:50:00 AM	1/15/2022 8:16:00 AM	Fluoranthene	n/a	DNQ	0.04	µg/L	EPA 8270C	0.039	0.1	WKL	
ME-CC	2021/22-2	Wet	12/15/2021 7:50:00 AM	1/15/2022 8:16:00 AM	Fluorene	n/a	<	0.029	µg/L	EPA 8270C	0.029	0.1	WKL	
ME-CC	2021/22-2	Wet	12/15/2021 7:50:00 AM	1/18/2022 8:46:00 PM	Fluorene	n/a	<	0.35	µg/L	EPA 625.1	0.35	1	WKL	
ME-CC	2021/22-2	Wet	12/15/2021 7:50:00 AM	1/18/2022 8:46:00 PM	Hexachlorobenzene	n/a	<	0.49	µg/L	EPA 625.1	0.49	1	WKL	
ME-CC	2021/22-2	Wet	12/15/2021 7:50:00 AM	1/18/2022 8:46:00 PM	Hexachlorobutadiene	n/a	<	0.47	µg/L	EPA 625.1	0.47	1	WKL	
ME-CC	2021/22-2	Wet	12/15/2021 7:50:00 AM	1/18/2022 8:46:00 PM	Hexachlorocyclopentadiene	n/a	<	0.31	µg/L	EPA 625.1	0.31	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	2021/22-2	Wet	12/15/2021 7:50:00 AM	12/23/2021 6:18:00 PM	Hexachlorocyclopentadiene	n/a	<	0.92	µg/L	EPA 525.2	0.92	10	WKL	
ME-CC	2021/22-2	Wet	12/15/2021 7:50:00 AM	1/18/2022 8:46:00 AM	Hexachloroethane	n/a	<	0.5	µg/L	EPA 625.1	0.5	1	WKL	
ME-CC	2021/22-2	Wet	12/15/2021 7:50:00 AM	1/15/2022 8:16:00 AM	Indeno(1,2,3-cd)pyrene	n/a	<	0.065	µg/L	EPA 8270C	0.065	0.1	WKL	
ME-CC	2021/22-2	Wet	12/15/2021 7:50:00 AM	1/18/2022 8:46:00 PM	Indeno(1,2,3-cd)pyrene	n/a	<	0.25	µg/L	EPA 625.1	0.25	2	WKL	
ME-CC	2021/22-2	Wet	12/15/2021 7:50:00 AM	1/18/2022 8:46:00 PM	Isophorone	n/a	<	0.21	µg/L	EPA 625.1	0.21	1	WKL	
ME-CC	2021/22-2	Wet	12/15/2021 7:50:00 AM	1/18/2022 8:46:00 PM	Naphthalene	n/a	<	0.49	µg/L	EPA 625.1	0.49	1	WKL	
ME-CC	2021/22-2	Wet	12/15/2021 7:50:00 AM	1/15/2022 8:16:00 AM	Naphthalene	n/a	DNQ	0.026	µg/L	EPA 8270C	0.026	0.1	WKL	
ME-CC	2021/22-2	Wet	12/15/2021 7:50:00 AM	1/18/2022 8:46:00 PM	Nitrobenzene	n/a	<	0.36	µg/L	EPA 625.1	0.36	1	WKL	
ME-CC	2021/22-2	Wet	12/15/2021 7:50:00 AM	1/18/2022 8:46:00 PM	N-Nitrosodimethylamine	n/a	<	0.5	µg/L	EPA 625.1	0.5	1	WKL	
ME-CC	2021/22-2	Wet	12/15/2021 7:50:00 AM	1/18/2022 8:46:00 PM	N-Nitrosodi-N-propylamine	n/a	<	0.26	µg/L	EPA 625.1	0.26	1	WKL	
ME-CC	2021/22-2	Wet	12/15/2021 7:50:00 AM	1/18/2022 8:46:00 PM	N-Nitrosodiphenylamine	n/a	<	0.19	µg/L	EPA 625.1	0.19	1	WKL	
ME-CC	2021/22-2	Wet	12/15/2021 7:50:00 AM	1/15/2022 8:16:00 AM	Phenanthrene	n/a	<	0.029	µg/L	EPA 8270C	0.029	0.1	WKL	
ME-CC	2021/22-2	Wet	12/15/2021 7:50:00 AM	1/18/2022 8:46:00 PM	Phenanthrene	n/a	<	0.32	µg/L	EPA 625.1	0.32	1	WKL	
ME-CC	2021/22-2	Wet	12/15/2021 7:50:00 AM	1/14/2022 2:39:00 AM	Phenol	n/a	<	0.35	µg/L	EPA 8270C	0.35	1	WKL	
ME-CC	2021/22-2	Wet	12/15/2021 7:50:00 AM	1/18/2022 8:46:00 PM	Phenol	n/a	<	0.81	µg/L	EPA 625.1	0.81	1	WKL	
ME-CC	2021/22-2	Wet	12/15/2021 7:50:00 AM	1/15/2022 8:16:00 AM	Pyrene	n/a	DNQ	0.04	µg/L	EPA 8270C	0.04	0.1	WKL	
ME-CC	2021/22-2	Wet	12/15/2021 7:50:00 AM	1/18/2022 8:46:00 PM	Pyrene	n/a	<	0.25	µg/L	EPA 625.1	0.25	1	WKL	
ME-CC	2021/22-2	Wet	12/15/2021 7:50:00 AM	1/13/2022 8:01:00 AM	PCB Aroclor 1016	n/a	<	2.5	µg/L	EPA 608.3	2.5	2.5	WKL	
ME-CC	2021/22-2	Wet	12/15/2021 7:50:00 AM	1/13/2022 8:01:00 AM	PCB Aroclor 1221	n/a	<	2.5	µg/L	EPA 608.3	2.5	2.5	WKL	
ME-CC	2021/22-2	Wet	12/15/2021 7:50:00 AM	1/13/2022 8:01:00 AM	PCB Aroclor 1232	n/a	<	2.5	µg/L	EPA 608.3	2.5	2.5	WKL	
ME-CC	2021/22-2	Wet	12/15/2021 7:50:00 AM	1/13/2022 8:01:00 AM	PCB Aroclor 1242	n/a	<	2.5	µg/L	EPA 608.3	2.5	2.5	WKL	
ME-CC	2021/22-2	Wet	12/15/2021 7:50:00 AM	1/13/2022 8:01:00 AM	PCB Aroclor 1248	n/a	<	2.5	µg/L	EPA 608.3	2.5	2.5	WKL	
ME-CC	2021/22-2	Wet	12/15/2021 7:50:00 AM	1/13/2022 8:01:00 AM	PCB Aroclor 1254	n/a	<	2.5	µg/L	EPA 608.3	2.5	2.5	WKL	
ME-CC	2021/22-2	Wet	12/15/2021 7:50:00 AM	1/13/2022 8:01:00 AM	PCB Aroclor 1260	n/a	<	2.5	µg/L	EPA 608.3	2.5	2.5	WKL	
ME-CC	2021/22-2	Wet	12/15/2021 7:50:00 AM	1/6/2022 6:33:00 PM	2,4,5-T	n/a	<	0.03	µg/L	EPA 515.4	0.03	0.2	WKL	
ME-CC	2021/22-2	Wet	12/15/2021 7:50:00 AM	1/6/2022 6:33:00 PM	2,4,5-TP	n/a	<	0.026	µg/L	EPA 515.4	0.026	0.2	WKL	
ME-CC	2021/22-2	Wet	12/15/2021 7:50:00 AM	1/6/2022 6:33:00 PM	2,4-D	n/a	<	3	µg/L	EPA 515.4	3	3	WKL	
ME-CC	2021/22-2	Wet	12/15/2021 7:50:00 AM	1/6/2022 6:33:00 PM	2,4-DB	n/a	<	0.19	µg/L	EPA 515.4	0.19	2	WKL	
ME-CC	2021/22-2	Wet	12/15/2021 7:50:00 AM	1/6/2022 6:33:00 PM	3,5-Dichlorobenzoic acid	n/a	<	0.12	µg/L	EPA 515.4	0.12	1	WKL	
ME-CC	2021/22-2	Wet	12/15/2021 7:50:00 AM	1/13/2022 8:01:00 AM	4,4'-DDD	n/a	DNQ	0.0037	µg/L	EPA 608.3	0.0035	0.25	WKL	
ME-CC	2021/22-2	Wet	12/15/2021 7:50:00 AM	1/13/2022 8:01:00 AM	4,4'-DDE	n/a	DNQ	0.023	µg/L	EPA 608.3	0.0035	0.25	WKL	
ME-CC	2021/22-2	Wet	12/15/2021 7:50:00 AM	1/13/2022 8:01:00 AM	4,4'-DDT	n/a	DNQ	0.012	µg/L	EPA 608.3	0.0055	0.05	WKL	
ME-CC	2021/22-2	Wet	12/15/2021 7:50:00 AM	1/6/2022 6:33:00 PM	Acifluorfen	n/a	<	0.03	µg/L	EPA 515.4	0.03	0.4	WKL	
ME-CC	2021/22-2	Wet	12/15/2021 7:50:00 AM	12/23/2021 6:18:00 PM	Alachlor	n/a	<	0.3	µg/L	EPA 525.2	0.3	1	WKL	
ME-CC	2021/22-2	Wet	12/15/2021 7:50:00 AM	1/13/2022 8:01:00 AM	Aldrin	n/a	<	0.005	µg/L	EPA 608.3	0.005	0.025	WKL	
ME-CC	2021/22-2	Wet	12/15/2021 7:50:00 AM	1/13/2022 8:01:00 AM	alpha-BHC	n/a	<	0.0055	µg/L	EPA 608.3	0.0055	0.05	WKL	
ME-CC	2021/22-2	Wet	12/15/2021 7:50:00 AM	1/13/2022 8:01:00 AM	alpha-Chlordane	n/a	<	0.014	µg/L	EPA 608.3	0.014	0.05	WKL	
ME-CC	2021/22-2	Wet	12/15/2021 7:50:00 AM	12/23/2021 6:18:00 PM	Atrazine	n/a	<	0.11	µg/L	EPA 525.2	0.11	1	WKL	
ME-CC	2021/22-2	Wet	12/15/2021 7:50:00 AM	1/11/2022 2:48:00 AM	Azinphos methyl	n/a	<	0.0055	µg/L	EPA 625.1m	0.0055	0.01	WKL	
ME-CC	2021/22-2	Wet	12/15/2021 7:50:00 AM	1/6/2022 6:33:00 PM	Bentazon	n/a	<	0.23	µg/L	EPA 515.4	0.23	2	WKL	
ME-CC	2021/22-2	Wet	12/15/2021 7:50:00 AM	1/13/2022 8:01:00 AM	beta-BHC	n/a	<	0.0075	µg/L	EPA 608.3	0.0075	0.025	WKL	
ME-CC	2021/22-2	Wet	12/15/2021 7:50:00 AM	1/11/2022 2:48:00 AM	Bolstar	n/a	<	0.0046	µg/L	EPA 625.1m	0.0046	0.01	WKL	
ME-CC	2021/22-2	Wet	12/15/2021 7:50:00 AM	12/23/2021 6:18:00 PM	Bromacil	n/a	<	0.7	µg/L	EPA 525.2	0.7	5	WKL	
ME-CC	2021/22-2	Wet	12/15/2021 7:50:00 AM	12/23/2021 6:18:00 PM	Butachlor	n/a	<	0.12	µg/L	EPA 525.2	0.12	1	WKL	
ME-CC	2021/22-2	Wet	12/15/2021 7:50:00 AM	12/23/2021 6:18:00 PM	Captan	n/a	<	3.2	µg/L	EPA 525.2	3.2	10	WKL	
ME-CC	2021/22-2	Wet	12/15/2021 7:50:00 AM	1/13/2022 8:01:00 AM	Chlordane (technical)	n/a	<	0.5	µg/L	EPA 608.3	0.5	0.5	WKL	
ME-CC	2021/22-2	Wet	12/15/2021 7:50:00 AM	12/23/2021 6:18:00 PM	Chlorpropham	n/a	<	0.4	µg/L	EPA 525.2	0.4	1	WKL	
ME-CC	2021/22-2	Wet	12/15/2021 7:50:00 AM	1/11/2022 2:48:00 AM	Chlorpyrifos	n/a	<	0.0069	µg/L	EPA 625.1m	0.0069	0.01	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
ME-CC	2021/22-2	Wet	12/15/2021 7:50:00 AM	1/11/2022 2:48:00 AM	Coumaphos	n/a	<	0.0051	µg/L	EPA 625.1m	0.0051	0.01	WKL	
ME-CC	2021/22-2	Wet	12/15/2021 7:50:00 AM	1/6/2022 6:33:00 PM	Dalapon	n/a	<	0.11	µg/L	EPA 515.4	0.11	0.4	WKL	
ME-CC	2021/22-2	Wet	12/15/2021 7:50:00 AM	1/6/2022 6:33:00 PM	DCPA (Dacthal)	n/a	=	0.29	µg/L	EPA 515.4	0.029	0.1	WKL	
ME-CC	2021/22-2	Wet	12/15/2021 7:50:00 AM	1/13/2022 8:01:00 AM	delta-BHC	n/a	<	0.0095	µg/L	EPA 608.3	0.0095	0.025	WKL	EST-LCSRPD
ME-CC	2021/22-2	Wet	12/15/2021 7:50:00 AM	1/11/2022 2:48:00 AM	Demeton-O	n/a	<	0.01	µg/L	EPA 625.1m	0.01	0.01	WKL	
ME-CC	2021/22-2	Wet	12/15/2021 7:50:00 AM	1/11/2022 2:48:00 AM	Demeton-S	n/a	<	0.01	µg/L	EPA 625.1m	0.01	0.01	WKL	LB-LCSR
ME-CC	2021/22-2	Wet	12/15/2021 7:50:00 AM	12/23/2021 6:18:00 PM	Diazinon	n/a	<	0.22	µg/L	EPA 525.2	0.22	1	WKL	
ME-CC	2021/22-2	Wet	12/15/2021 7:50:00 AM	1/11/2022 2:48:00 AM	Diazinon	n/a	<	0.0052	µg/L	EPA 625.1m	0.0052	0.01	WKL	LB-LCSR
ME-CC	2021/22-2	Wet	12/15/2021 7:50:00 AM	1/6/2022 6:33:00 PM	Dicamba	n/a	<	0.049	µg/L	EPA 515.4	0.049	0.6	WKL	
ME-CC	2021/22-2	Wet	12/15/2021 7:50:00 AM	1/6/2022 6:33:00 PM	Dichlorprop	n/a	<	0.12	µg/L	EPA 515.4	0.12	0.3	WKL	
ME-CC	2021/22-2	Wet	12/15/2021 7:50:00 AM	1/11/2022 2:48:00 AM	Dichlorvos	n/a	<	0.0029	µg/L	EPA 625.1m	0.0029	0.01	WKL	
ME-CC	2021/22-2	Wet	12/15/2021 7:50:00 AM	1/13/2022 8:01:00 AM	Dieldrin	n/a	DNQ	0.028	µg/L	EPA 608.3	0.004	0.05	WKL	
ME-CC	2021/22-2	Wet	12/15/2021 7:50:00 AM	12/23/2021 6:18:00 PM	Dimethoate	n/a	<	0.2	µg/L	EPA 525.2	0.2	2	WKL	
ME-CC	2021/22-2	Wet	12/15/2021 7:50:00 AM	1/11/2022 2:48:00 AM	Dimethoate	n/a	<	0.0062	µg/L	EPA 625.1m	0.0062	0.01	WKL	
ME-CC	2021/22-2	Wet	12/15/2021 7:50:00 AM	1/6/2022 6:33:00 PM	Dinoseb	n/a	<	0.033	µg/L	EPA 515.4	0.033	0.4	WKL	
ME-CC	2021/22-2	Wet	12/15/2021 7:50:00 AM	12/23/2021 6:18:00 PM	Diphenamid	n/a	<	0.3	µg/L	EPA 525.2	0.3	1	WKL	
ME-CC	2021/22-2	Wet	12/15/2021 7:50:00 AM	1/11/2022 2:48:00 AM	Disulfoton	n/a	<	0.01	µg/L	EPA 625.1m	0.01	0.01	WKL	
ME-CC	2021/22-2	Wet	12/15/2021 7:50:00 AM	12/23/2021 6:18:00 PM	Disulfoton	n/a	<	0.15	µg/L	EPA 525.2	0.15	1	WKL	
ME-CC	2021/22-2	Wet	12/15/2021 7:50:00 AM	1/13/2022 8:01:00 AM	Endosulfan I	n/a	<	0.0045	µg/L	EPA 608.3	0.0045	0.1	WKL	
ME-CC	2021/22-2	Wet	12/15/2021 7:50:00 AM	1/13/2022 8:01:00 AM	Endosulfan II	n/a	<	0.0035	µg/L	EPA 608.3	0.0035	0.05	WKL	
ME-CC	2021/22-2	Wet	12/15/2021 7:50:00 AM	1/13/2022 8:01:00 AM	Endosulfan sulfate	n/a	<	0.0065	µg/L	EPA 608.3	0.0065	0.25	WKL	
ME-CC	2021/22-2	Wet	12/15/2021 7:50:00 AM	1/13/2022 8:01:00 AM	Endrin	n/a	<	0.0085	µg/L	EPA 608.3	0.0085	0.05	WKL	
ME-CC	2021/22-2	Wet	12/15/2021 7:50:00 AM	1/13/2022 8:01:00 AM	Endrin aldehyde	n/a	<	0.0095	µg/L	EPA 608.3	0.0095	0.05	WKL	
ME-CC	2021/22-2	Wet	12/15/2021 7:50:00 AM	12/23/2021 6:18:00 PM	EPTC	n/a	<	0.2	µg/L	EPA 525.2	0.2	1	WKL	
ME-CC	2021/22-2	Wet	12/15/2021 7:50:00 AM	1/11/2022 2:48:00 AM	Ethoprop	n/a	<	0.0067	µg/L	EPA 625.1m	0.0067	0.01	WKL	
ME-CC	2021/22-2	Wet	12/15/2021 7:50:00 AM	1/11/2022 2:48:00 AM	Ethyl parathion	n/a	<	0.0054	µg/L	EPA 625.1m	0.0054	0.01	WKL	
ME-CC	2021/22-2	Wet	12/15/2021 7:50:00 AM	1/11/2022 2:48:00 AM	Fensulfothion	n/a	<	0.0029	µg/L	EPA 625.1m	0.0029	0.01	WKL	
ME-CC	2021/22-2	Wet	12/15/2021 7:50:00 AM	1/11/2022 2:48:00 AM	Fenthion	n/a	<	0.0038	µg/L	EPA 625.1m	0.0038	0.01	WKL	
ME-CC	2021/22-2	Wet	12/15/2021 7:50:00 AM	1/13/2022 8:01:00 AM	gamma-BHC (Lindane)	n/a	<	0.002	µg/L	EPA 608.3	0.002	0.1	WKL	
ME-CC	2021/22-2	Wet	12/15/2021 7:50:00 AM	1/13/2022 8:01:00 AM	gamma-Chlordane	n/a	<	0.012	µg/L	EPA 608.3	0.012	0.05	WKL	
ME-CC	2021/22-2	Wet	12/15/2021 7:50:00 AM	12/17/2021 2:53:00 AM	Glyphosate	n/a	DNQ	21	µg/L	EPA 547	18	50	WKL	
ME-CC	2021/22-2	Wet	12/15/2021 7:50:00 AM	1/13/2022 8:01:00 AM	Heptachlor	n/a	<	0.003	µg/L	EPA 608.3	0.003	0.05	WKL	
ME-CC	2021/22-2	Wet	12/15/2021 7:50:00 AM	1/13/2022 8:01:00 AM	Heptachlor epoxide	n/a	<	0.002	µg/L	EPA 608.3	0.002	0.05	WKL	
ME-CC	2021/22-2	Wet	12/15/2021 7:50:00 AM	1/11/2022 2:48:00 AM	Malathion	n/a	=	0.018	µg/L	EPA 625.1m	0.0076	0.01	WKL	
ME-CC	2021/22-2	Wet	12/15/2021 7:50:00 AM	1/11/2022 2:48:00 AM	Merphos	n/a	<	0.0058	µg/L	EPA 625.1m	0.0058	0.01	WKL	
ME-CC	2021/22-2	Wet	12/15/2021 7:50:00 AM	1/11/2022 2:48:00 AM	Methyl parathion	n/a	<	0.0063	µg/L	EPA 625.1m	0.0063	0.01	WKL	
ME-CC	2021/22-2	Wet	12/15/2021 7:50:00 AM	12/23/2021 6:18:00 PM	Metolachlor	n/a	<	0.3	µg/L	EPA 525.2	0.3	1	WKL	
ME-CC	2021/22-2	Wet	12/15/2021 7:50:00 AM	12/23/2021 6:18:00 PM	Metribuzin	n/a	<	0.3	µg/L	EPA 525.2	0.3	1	WKL	
ME-CC	2021/22-2	Wet	12/15/2021 7:50:00 AM	1/11/2022 2:48:00 AM	Mevinphos	n/a	<	0.0042	µg/L	EPA 625.1m	0.0042	0.01	WKL	LB-LCSR
ME-CC	2021/22-2	Wet	12/15/2021 7:50:00 AM	12/23/2021 6:18:00 PM	Molinate	n/a	<	0.3	µg/L	EPA 525.2	0.3	1	WKL	
ME-CC	2021/22-2	Wet	12/15/2021 7:50:00 AM	1/11/2022 2:48:00 AM	Naled	n/a	<	0.0076	µg/L	EPA 625.1m	0.0076	0.01	WKL	
ME-CC	2021/22-2	Wet	12/15/2021 7:50:00 AM	1/6/2022 6:33:00 PM	Pentachlorophenol	n/a	DNQ	0.071	µg/L	EPA 515.4	0.046	0.2	WKL	
ME-CC	2021/22-2	Wet	12/15/2021 7:50:00 AM	1/18/2022 8:46:00 PM	Pentachlorophenol	n/a	<	2	µg/L	EPA 625.1	2	2	WKL	
ME-CC	2021/22-2	Wet	12/15/2021 7:50:00 AM	1/14/2022 2:39:00 AM	Pentachlorophenol	n/a	DNQ	0.76	µg/L	EPA 8270C	0.15	1	WKL	
ME-CC	2021/22-2	Wet	12/15/2021 7:50:00 AM	1/11/2022 2:48:00 AM	Phorate	n/a	<	0.003	µg/L	EPA 625.1m	0.003	0.01	WKL	
ME-CC	2021/22-2	Wet	12/15/2021 7:50:00 AM	1/6/2022 6:33:00 PM	Picloram	n/a	<	0.05	µg/L	EPA 515.4	0.05	0.6	WKL	
ME-CC	2021/22-2	Wet	12/15/2021 7:50:00 AM	12/23/2021 6:18:00 PM	Prometryn	n/a	<	0.3	µg/L	EPA 525.2	0.3	1	WKL	
ME-CC	2021/22-2	Wet	12/15/2021 7:50:00 AM	1/11/2022 2:48:00 AM	Ronnel (Fenchlorphos)	n/a	<	0.0041	µg/L	EPA 625.1m	0.0041	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	2021/22-2	Wet	12/15/2021 7:50:00 AM	12/23/2021 6:18:00 PM	Simazine	n/a	<	0.2	µg/L	EPA 525.2	0.2	1	WKL	
ME-CC	2021/22-2	Wet	12/15/2021 7:50:00 AM	1/11/2022 2:48:00 AM	Stirophos (Tetrachlorvinphos)	n/a	<	0.0031	µg/L	EPA 625.1m	0.0031	0.01	WKL	
ME-CC	2021/22-2	Wet	12/15/2021 7:50:00 AM	12/23/2021 6:18:00 PM	Terbacil	n/a	<	0.9	µg/L	EPA 525.2	0.9	20	WKL	
ME-CC	2021/22-2	Wet	12/15/2021 7:50:00 AM	12/23/2021 6:18:00 PM	Thiobencarb	n/a	<	0.3	µg/L	EPA 525.2	0.3	1	WKL	
ME-CC	2021/22-2	Wet	12/15/2021 7:50:00 AM	1/11/2022 2:48:00 AM	Tokuthion	n/a	<	0.0078	µg/L	EPA 625.1m	0.0078	0.01	WKL	
ME-CC	2021/22-2	Wet	12/15/2021 7:50:00 AM	1/13/2022 8:01:00 AM	Toxaphene	n/a	<	5	µg/L	EPA 608.3	5	5	WKL	
ME-CC	2021/22-2	Wet	12/15/2021 7:50:00 AM	1/11/2022 2:48:00 AM	Trichloronate	n/a	<	0.0067	µg/L	EPA 625.1m	0.0067	0.01	WKL	
ME-CC	2021/22-2	Wet	12/15/2021 7:50:00 AM	12/23/2021 6:18:00 PM	Trithion	n/a	<	0.2	µg/L	EPA 525.2	0.2	1	WKL	
ME-CC	2021/22-3	Wet	3/28/2022 12:55:00 PM	3/29/2022 11:20:00 AM	E. Coli	n/a	=	4884	MPN/100 mL	MMO-MUG	10	10	VCHCA	
ME-CC	2021/22-3	Wet	3/28/2022 12:55:00 PM	3/29/2022 11:20:00 AM	Total Coliform	n/a	=	365400	MPN/100 mL	MMO-MUG	1000	1000	VCHCA	
ME-CC	2021/22-3	Wet	3/28/2022 12:55:00 PM	3/28/2022 12:55:00 PM	Conductivity	n/a	=	748	µmhos/cm	Field Meter	-88	1	Field Crew	
ME-CC	2021/22-3	Wet	3/28/2022 12:55:00 PM	4/6/2022 1:50:00 PM	Cyanide	Total	<	0.0012	mg/L	ASTM D7511	0.0012	0.002	WKL	
ME-CC	2021/22-3	Wet	3/28/2022 12:55:00 PM	3/28/2022 12:55:00 PM	DO	n/a	=	5.76	mg/L	Field Meter	-88	0.3	Field Crew	
ME-CC	2021/22-3	Wet	3/28/2022 12:55:00 PM	3/28/2022 12:55:00 PM	DO	n/a	=	60.3	%	Field Meter	-88	0.1	Field Crew	
ME-CC	2021/22-3	Wet	3/28/2022 12:55:00 PM	3/28/2022 12:55:00 PM	pH	n/a	=	7.62	pH Units	Field Meter	-88	0.01	Field Crew	
ME-CC	2021/22-3	Wet	3/28/2022 12:55:00 PM	3/28/2022 12:55:00 PM	Salinity	n/a	=	400	mg/L	Field Meter	-88	100	Field Crew	
ME-CC	2021/22-3	Wet	3/28/2022 12:55:00 PM	3/28/2022 12:55:00 PM	Specific Conductance	n/a	=	871	µmhos/cm	Field Meter	-88	1	Field Crew	
ME-CC	2021/22-3	Wet	3/28/2022 12:55:00 PM	3/28/2022 12:55:00 PM	Temperature	n/a	=	17.6	°C	Field Meter	-88	0.1	Field Crew	
ME-CC	2021/22-3	Wet	3/28/2022 12:55:00 PM	3/30/2022 10:41:00 AM	Gasoline Range Organics	n/a	<	0.065	mg/L	EPA 8260B	0.065	0.1	WKL	
ME-CC	2021/22-3	Wet	3/28/2022 12:55:00 PM	4/4/2022 1:14:00 PM	Oil and Grease	n/a	DNQ	1.7	mg/L	EPA 1664B	0.6	4	WKL	
ME-CC	2021/22-3	Wet	3/29/2022 8:35:00 AM	4/1/2022 1:11:00 PM	Chloride	n/a	=	64	mg/L	EPA 300.0	0.38	1	WKL	
ME-CC	2021/22-3	Wet	3/29/2022 8:35:00 AM	4/1/2022 1:11:00 PM	Fluoride	n/a	=	0.23	mg/L	EPA 300.0	0.018	0.2	WKL	
ME-CC	2021/22-3	Wet	3/29/2022 8:35:00 AM	4/1/2022 4:51:00 PM	Perchlorate	n/a	<	0.78	µg/L	EPA 314.0	0.78	4	WKL	
ME-CC	2021/22-3	Wet	3/29/2022 8:35:00 AM	4/7/2022 5:00:00 PM	Calcium	Total	=	42.5	mg/L	EPA 200.7	0.0234	0.5	WKL	
ME-CC	2021/22-3	Wet	3/29/2022 8:35:00 AM	4/7/2022 5:00:00 PM	Magnesium	Total	=	24.7	mg/L	EPA 200.7	0.039	0.5	WKL	
ME-CC	2021/22-3	Wet	3/29/2022 8:35:00 AM	3/31/2022 12:04:00 PM	Alkalinity as CaCO3	n/a	=	98	mg/L	SM 2320 B	1.9	5	WKL	
ME-CC	2021/22-3	Wet	3/29/2022 8:35:00 AM	4/4/2022 3:52:00 PM	BOD	n/a	=	14	mg/L	SM 5210 B	2	2	WKL	
ME-CC	2021/22-3	Wet	3/29/2022 8:35:00 AM	4/7/2022 1:12:00 PM	COD	n/a	=	33	mg/L	EPA 410.4	2.9	5	WKL	
ME-CC	2021/22-3	Wet	3/29/2022 8:35:00 AM	4/7/2022 5:00:00 PM	Hardness as CaCO3	Total	=	208	mg/L	EPA 200.7	0.219	3.31	WKL	
ME-CC	2021/22-3	Wet	3/29/2022 8:35:00 AM	3/29/2022 6:01:00 PM	MBAS	n/a	DNQ	0.03	mg/L	SM 5540 C	0.013	0.05	WKL	
ME-CC	2021/22-3	Wet	3/29/2022 8:35:00 AM	4/6/2022 1:28:00 PM	Phenolics	n/a	DNQ	0.0084	mg/L	EPA 420.4	0.0068	0.01	WKL	
ME-CC	2021/22-3	Wet	3/29/2022 8:35:00 AM	4/8/2022 12:54:00 PM	Specific Conductance	n/a	=	620	µmhos/cm	SM 2510 B	1.1	2	WKL	
ME-CC	2021/22-3	Wet	3/29/2022 8:35:00 AM	3/29/2022 6:30:00 PM	Total Chlorine Residual	n/a	DNQ	0.032	mg/L	SM 4500-Cl G	0.031	0.05	WKL	EST-HT
ME-CC	2021/22-3	Wet	3/29/2022 8:35:00 AM	4/5/2022 4:01:00 PM	Total Dissolved Solids	n/a	=	340	mg/L	SM 2540 C	4	10	WKL	
ME-CC	2021/22-3	Wet	3/29/2022 8:35:00 AM	4/14/2022 5:52:00 AM	Total Organic Carbon	n/a	=	12	mg/L	SM 5310 B	0.19	0.3	WKL	
ME-CC	2021/22-3	Wet	3/29/2022 8:35:00 AM	4/2/2022 10:05:00 AM	Total Suspended Solids	n/a	=	870	mg/L	SM 2540 D	-88	5	WKL	
ME-CC	2021/22-3	Wet	3/29/2022 8:35:00 AM	3/30/2022 1:09:00 PM	Turbidity	n/a	=	57	NTU	EPA 180.1	0.17	1	WKL	
ME-CC	2021/22-3	Wet	3/29/2022 8:35:00 AM	4/2/2022 10:22:00 AM	Volatile Suspended Solids	n/a	=	110	mg/L	EPA 160.4	3.1	5	WKL	
ME-CC	2021/22-3	Wet	3/29/2022 8:35:00 AM	4/1/2022 5:13:00 AM	Diesel Range Organics	n/a	=	0.3	mg/L	EPA 8015B	0.072	0.1	WKL	
ME-CC	2021/22-3	Wet	3/29/2022 8:35:00 AM	4/1/2022 5:13:00 AM	Oil Range Organics	n/a	<	0.33	mg/L	EPA 8015B	0.33	0.5	WKL	
ME-CC	2021/22-3	Wet	3/29/2022 8:35:00 AM	4/6/2022 4:52:00 PM	Aluminum	Dissolved	DNQ	12	µg/L	EPA 200.8	4.4	20	WKL	
ME-CC	2021/22-3	Wet	3/29/2022 8:35:00 AM	4/6/2022 5:51:00 PM	Aluminum	Total	=	12000	µg/L	EPA 200.8	18	80	WKL	
ME-CC	2021/22-3	Wet	3/29/2022 8:35:00 AM	4/6/2022 4:52:00 PM	Antimony	Dissolved	=	0.51	µg/L	EPA 200.8	0.089	0.5	WKL	
ME-CC	2021/22-3	Wet	3/29/2022 8:35:00 AM	4/6/2022 4:55:00 PM	Antimony	Total	=	0.73	µg/L	EPA 200.8	0.089	0.5	WKL	
ME-CC	2021/22-3	Wet	3/29/2022 8:35:00 AM	4/6/2022 4:52:00 PM	Arsenic	Dissolved	=	2.5	µg/L	EPA 200.8	0.074	0.4	WKL	
ME-CC	2021/22-3	Wet	3/29/2022 8:35:00 AM	4/6/2022 4:55:00 PM	Arsenic	Total	=	5.6	µg/L	EPA 200.8	0.074	0.4	WKL	
ME-CC	2021/22-3	Wet	3/29/2022 8:35:00 AM	4/6/2022 4:55:00 PM	Barium	Total	=	91	µg/L	EPA 200.8	0.14	1	WKL	
ME-CC	2021/22-3	Wet	3/29/2022 8:35:00 AM	4/6/2022 4:52:00 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-CC	2021/22-3	Wet	3/29/2022 8:35:00 AM	4/6/2022 4:55:00 PM	Beryllium	Total	=	0.41	µg/L	EPA 200.8	0.029	0.1	WKL	
ME-CC	2021/22-3	Wet	3/29/2022 8:35:00 AM	4/6/2022 4:52:00 PM	Cadmium	Dissolved	DNQ	0.14	µg/L	EPA 200.8	0.042	0.2	WKL	
ME-CC	2021/22-3	Wet	3/29/2022 8:35:00 AM	4/6/2022 4:55:00 PM	Cadmium	Total	=	0.94	µg/L	EPA 200.8	0.042	0.2	WKL	
ME-CC	2021/22-3	Wet	3/29/2022 8:35:00 AM	4/6/2022 4:52:00 PM	Chromium	Dissolved	=	0.32	µg/L	EPA 200.8	0.089	0.2	WKL	
ME-CC	2021/22-3	Wet	3/29/2022 8:35:00 AM	4/6/2022 4:55:00 PM	Chromium	Total	=	30	µg/L	EPA 200.8	0.089	0.2	WKL	
ME-CC	2021/22-3	Wet	3/29/2022 8:35:00 AM	4/6/2022 1:49:00 PM	Chromium VI	n/a	=	0.17	µg/L	EPA 218.6	0.0079	0.02	WKL	
ME-CC	2021/22-3	Wet	3/29/2022 8:35:00 AM	4/6/2022 4:52:00 PM	Copper	Dissolved	=	3.5	µg/L	EPA 200.8	0.23	0.5	WKL	
ME-CC	2021/22-3	Wet	3/29/2022 8:35:00 AM	4/6/2022 4:55:00 PM	Copper	Total	=	25	µg/L	EPA 200.8	0.23	0.5	WKL	
ME-CC	2021/22-3	Wet	3/29/2022 8:35:00 AM	4/6/2022 4:52:00 PM	Iron	Dissolved	=	59	µg/L	EPA 200.8	3.9	20	WKL	
ME-CC	2021/22-3	Wet	3/29/2022 8:35:00 AM	4/6/2022 5:51:00 PM	Iron	Total	=	16000	µg/L	EPA 200.8	16	80	WKL	
ME-CC	2021/22-3	Wet	3/29/2022 8:35:00 AM	4/6/2022 4:52:00 PM	Lead	Dissolved	DNQ	0.11	µg/L	EPA 200.8	0.083	0.2	WKL	
ME-CC	2021/22-3	Wet	3/29/2022 8:35:00 AM	4/6/2022 4:55:00 PM	Lead	Total	=	7.9	µg/L	EPA 200.8	0.083	0.2	WKL	
ME-CC	2021/22-3	Wet	3/29/2022 8:35:00 AM	3/31/2022 10:41:00 AM	Mercury	Dissolved	DNQ	19	ng/L	EPA 245.1	17	50	WKL	
ME-CC	2021/22-3	Wet	3/29/2022 8:35:00 AM	3/31/2022 10:43:00 AM	Mercury	Total	DNQ	47	ng/L	EPA 245.1	17	50	WKL	
ME-CC	2021/22-3	Wet	3/29/2022 8:35:00 AM	4/6/2022 4:52:00 PM	Nickel	Dissolved	=	3.5	µg/L	EPA 200.8	0.16	2	WKL	
ME-CC	2021/22-3	Wet	3/29/2022 8:35:00 AM	4/6/2022 4:55:00 PM	Nickel	Total	=	27	µg/L	EPA 200.8	0.16	2	WKL	
ME-CC	2021/22-3	Wet	3/29/2022 8:35:00 AM	4/6/2022 4:52:00 PM	Selenium	Dissolved	=	0.64	µg/L	EPA 200.8	0.067	0.4	WKL	
ME-CC	2021/22-3	Wet	3/29/2022 8:35:00 AM	4/6/2022 4:55:00 PM	Selenium	Total	=	1	µg/L	EPA 200.8	0.067	0.4	WKL	
ME-CC	2021/22-3	Wet	3/29/2022 8:35:00 AM	4/6/2022 4:52:00 PM	Silver	Dissolved	<	0.03	µg/L	EPA 200.8	0.03	0.2	WKL	
ME-CC	2021/22-3	Wet	3/29/2022 8:35:00 AM	4/6/2022 4:55:00 PM	Silver	Total	<	0.13	µg/L	EPA 200.8	0.13	0.2	WKL	
ME-CC	2021/22-3	Wet	3/29/2022 8:35:00 AM	4/6/2022 4:52:00 PM	Thallium	Dissolved	<	0.021	µg/L	EPA 200.8	0.021	0.2	WKL	
ME-CC	2021/22-3	Wet	3/29/2022 8:35:00 AM	4/6/2022 4:55:00 PM	Thallium	Total	DNQ	0.14	µg/L	EPA 200.8	0.021	0.2	WKL	
ME-CC	2021/22-3	Wet	3/29/2022 8:35:00 AM	4/6/2022 4:52:00 PM	Zinc	Dissolved	DNQ	8.6	µg/L	EPA 200.8	0.8	10	WKL	
ME-CC	2021/22-3	Wet	3/29/2022 8:35:00 AM	4/6/2022 4:55:00 PM	Zinc	Total	=	87	µg/L	EPA 200.8	1.7	10	WKL	
ME-CC	2021/22-3	Wet	3/29/2022 8:35:00 AM	4/4/2022 4:01:00 PM	Ammonia as N	n/a	=	0.13	mg/L	EPA 350.1	0.017	0.1	WKL	
ME-CC	2021/22-3	Wet	3/29/2022 8:35:00 AM	3/30/2022 11:27:00 AM	Nitrate + Nitrite as N	n/a	=	2.1	mg/L	EPA 353.2	0.036	0.2	WKL	
ME-CC	2021/22-3	Wet	3/29/2022 8:35:00 AM	3/30/2022 11:27:00 AM	Nitrate as N	n/a	=	2	mg/L	EPA 353.2	0.04	0.2	WKL	
ME-CC	2021/22-3	Wet	3/29/2022 8:35:00 AM	4/7/2022 4:57:00 PM	Phosphorus as P	Dissolved	=	0.62	mg/L	EPA 200.7	0.018	0.05	WKL	
ME-CC	2021/22-3	Wet	3/29/2022 8:35:00 AM	4/7/2022 5:00:00 PM	Phosphorus as P	Total	=	1.4	mg/L	EPA 200.7	0.018	0.05	WKL	
ME-CC	2021/22-3	Wet	3/29/2022 8:35:00 AM	4/6/2022 4:10:00 PM	TKN	n/a	=	2.7	mg/L	EPA 351.2	0.26	0.4	WKL	
ME-CC	2021/22-3	Wet	3/29/2022 8:35:00 AM	4/28/2022 12:32:00 AM	1,2,4-Trichlorobenzene	n/a	<	0.49	µg/L	EPA 625.1	0.49	1	WKL	
ME-CC	2021/22-3	Wet	3/29/2022 8:35:00 AM	4/28/2022 12:32:00 AM	1,2-Dichlorobenzene	n/a	<	0.46	µg/L	EPA 625.1	0.46	1	WKL	
ME-CC	2021/22-3	Wet	3/29/2022 8:35:00 AM	4/28/2022 12:32:00 AM	1,2-Diphenylhydrazine	n/a	<	0.3	µg/L	EPA 625.1	0.3	1	WKL	
ME-CC	2021/22-3	Wet	3/29/2022 8:35:00 AM	4/28/2022 12:32:00 AM	1,3-Dichlorobenzene	n/a	<	0.42	µg/L	EPA 625.1	0.42	1	WKL	
ME-CC	2021/22-3	Wet	3/29/2022 8:35:00 AM	4/28/2022 12:32:00 AM	1,4-Dichlorobenzene	n/a	<	0.48	µg/L	EPA 625.1	0.48	1	WKL	
ME-CC	2021/22-3	Wet	3/29/2022 8:35:00 AM	4/20/2022 5:10:00 AM	1-Methylnaphthalene	n/a	<	0.024	µg/L	EPA 8270C	0.024	0.1	WKL	
ME-CC	2021/22-3	Wet	3/29/2022 8:35:00 AM	4/29/2022 5:17:00 AM	2,4,5-Trichlorophenol	n/a	<	0.29	µg/L	EPA 8270C	0.29	1	WKL	
ME-CC	2021/22-3	Wet	3/29/2022 8:35:00 AM	4/28/2022 12:32:00 AM	2,4,6-Trichlorophenol	n/a	<	0.22	µg/L	EPA 625.1	0.22	1	WKL	
ME-CC	2021/22-3	Wet	3/29/2022 8:35:00 AM	4/29/2022 5:17:00 AM	2,4,6-Trichlorophenol	n/a	<	0.3	µg/L	EPA 8270C	0.3	1	WKL	
ME-CC	2021/22-3	Wet	3/29/2022 8:35:00 AM	4/28/2022 12:32:00 AM	2,4-Dichlorophenol	n/a	<	0.26	µg/L	EPA 625.1	0.26	1	WKL	
ME-CC	2021/22-3	Wet	3/29/2022 8:35:00 AM	4/29/2022 5:17:00 AM	2,4-Dichlorophenol	n/a	<	0.51	µg/L	EPA 8270C	0.51	1	WKL	
ME-CC	2021/22-3	Wet	3/29/2022 8:35:00 AM	4/29/2022 5:17:00 AM	2,4-Dimethylphenol	n/a	<	1	µg/L	EPA 8270C	1	2	WKL	
ME-CC	2021/22-3	Wet	3/29/2022 8:35:00 AM	4/28/2022 12:32:00 AM	2,4-Dimethylphenol	n/a	<	0.76	µg/L	EPA 625.1	0.76	1	WKL	
ME-CC	2021/22-3	Wet	3/29/2022 8:35:00 AM	4/28/2022 12:32:00 AM	2,4-Dinitrophenol	n/a	<	1.9	µg/L	EPA 625.1	1.9	10	WKL	
ME-CC	2021/22-3	Wet	3/29/2022 8:35:00 AM	4/29/2022 5:17:00 AM	2,4-Dinitrophenol	n/a	<	1	µg/L	EPA 8270C	1	2	WKL	
ME-CC	2021/22-3	Wet	3/29/2022 8:35:00 AM	4/28/2022 12:32:00 AM	2,4-Dinitrotoluene	n/a	<	0.46	µg/L	EPA 625.1	0.46	1	WKL	
ME-CC	2021/22-3	Wet	3/29/2022 8:35:00 AM	4/28/2022 12:32:00 AM	2,6-Dinitrotoluene	n/a	<	0.27	µg/L	EPA 625.1	0.27	1	WKL	
ME-CC	2021/22-3	Wet	3/29/2022 8:35:00 AM	4/28/2022 12:32:00 AM	2-Chloronaphthalene	n/a	<	0.45	µg/L	EPA 625.1	0.45	1	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
ME-CC	2021/22-3	Wet	3/29/2022 8:35:00 AM	4/28/2022 12:32:00 AM	2-Chlorophenol	n/a	<	0.28	µg/L	EPA 625.1	0.28	1	WKL	
ME-CC	2021/22-3	Wet	3/29/2022 8:35:00 AM	4/29/2022 5:17:00 AM	2-Chlorophenol	n/a	<	0.65	µg/L	EPA 8270C	0.65	1	WKL	
ME-CC	2021/22-3	Wet	3/29/2022 8:35:00 AM	4/20/2022 5:10:00 AM	2-Methylnaphthalene	n/a	<	0.026	µg/L	EPA 8270C	0.026	0.1	WKL	
ME-CC	2021/22-3	Wet	3/29/2022 8:35:00 AM	4/29/2022 5:17:00 AM	2-Methylphenol	n/a	<	0.34	µg/L	EPA 8270C	0.34	1	WKL	
ME-CC	2021/22-3	Wet	3/29/2022 8:35:00 AM	4/28/2022 12:32:00 AM	2-Nitrophenol	n/a	<	0.26	µg/L	EPA 625.1	0.26	1	WKL	
ME-CC	2021/22-3	Wet	3/29/2022 8:35:00 AM	4/29/2022 5:17:00 AM	2-Nitrophenol	n/a	<	0.71	µg/L	EPA 8270C	0.71	1	WKL	
ME-CC	2021/22-3	Wet	3/29/2022 8:35:00 AM	4/28/2022 12:32:00 AM	3,3'-Dichlorobenzidine	n/a	<	2.5	µg/L	EPA 625.1	2.5	5	WKL	
ME-CC	2021/22-3	Wet	3/29/2022 8:35:00 AM	4/29/2022 5:17:00 AM	3-/4-Methylphenol	n/a	<	0.3	µg/L	EPA 8270C	0.3	1	WKL	
ME-CC	2021/22-3	Wet	3/29/2022 8:35:00 AM	4/29/2022 5:17:00 AM	4,6-Dinitro-2-methylphenol	n/a	<	0.14	µg/L	EPA 8270C	0.14	1	WKL	
ME-CC	2021/22-3	Wet	3/29/2022 8:35:00 AM	4/28/2022 12:32:00 AM	4,6-Dinitro-2-methylphenol	n/a	<	0.5	µg/L	EPA 625.1	0.5	5	WKL	
ME-CC	2021/22-3	Wet	3/29/2022 8:35:00 AM	4/28/2022 12:32:00 AM	4-Bromophenyl phenyl ether	n/a	<	0.36	µg/L	EPA 625.1	0.36	1	WKL	
ME-CC	2021/22-3	Wet	3/29/2022 8:35:00 AM	4/29/2022 5:17:00 AM	4-Chloro-3-methylphenol	n/a	<	0.37	µg/L	EPA 8270C	0.37	1	WKL	
ME-CC	2021/22-3	Wet	3/29/2022 8:35:00 AM	4/28/2022 12:32:00 AM	4-Chloro-3-methylphenol	n/a	<	0.23	µg/L	EPA 625.1	0.23	1	WKL	
ME-CC	2021/22-3	Wet	3/29/2022 8:35:00 AM	4/28/2022 12:32:00 AM	4-Chlorophenyl phenyl ether	n/a	<	0.41	µg/L	EPA 625.1	0.41	1	WKL	
ME-CC	2021/22-3	Wet	3/29/2022 8:35:00 AM	4/28/2022 12:32:00 AM	4-Nitrophenol	n/a	<	1.2	µg/L	EPA 625.1	1.2	5	WKL	
ME-CC	2021/22-3	Wet	3/29/2022 8:35:00 AM	4/29/2022 5:17:00 AM	4-Nitrophenol	n/a	<	1	µg/L	EPA 8270C	1	2	WKL	
ME-CC	2021/22-3	Wet	3/29/2022 8:35:00 AM	4/28/2022 12:32:00 AM	Acenaphthene	n/a	<	0.38	µg/L	EPA 625.1	0.38	1	WKL	
ME-CC	2021/22-3	Wet	3/29/2022 8:35:00 AM	4/20/2022 5:10:00 AM	Acenaphthene	n/a	<	0.028	µg/L	EPA 8270C	0.028	0.1	WKL	
ME-CC	2021/22-3	Wet	3/29/2022 8:35:00 AM	4/28/2022 12:32:00 AM	Acenaphthylene	n/a	<	0.35	µg/L	EPA 625.1	0.35	1	WKL	
ME-CC	2021/22-3	Wet	3/29/2022 8:35:00 AM	4/20/2022 5:10:00 AM	Acenaphthylene	n/a	<	0.033	µg/L	EPA 8270C	0.033	0.1	WKL	
ME-CC	2021/22-3	Wet	3/29/2022 8:35:00 AM	4/28/2022 12:32:00 AM	Anthracene	n/a	<	0.41	µg/L	EPA 625.1	0.41	1	WKL	
ME-CC	2021/22-3	Wet	3/29/2022 8:35:00 AM	4/20/2022 5:10:00 AM	Anthracene	n/a	DNQ	0.031	µg/L	EPA 8270C	0.025	0.1	WKL	
ME-CC	2021/22-3	Wet	3/29/2022 8:35:00 AM	4/28/2022 12:32:00 AM	Benz(a)anthracene	n/a	<	0.19	µg/L	EPA 625.1	0.19	1	WKL	
ME-CC	2021/22-3	Wet	3/29/2022 8:35:00 AM	4/20/2022 5:10:00 AM	Benz(a)anthracene	n/a	DNQ	0.058	µg/L	EPA 8270C	0.051	0.1	WKL	
ME-CC	2021/22-3	Wet	3/29/2022 8:35:00 AM	4/28/2022 12:32:00 AM	Benzenzidine	n/a	<	3.2	µg/L	EPA 625.1	3.2	10	WKL	
ME-CC	2021/22-3	Wet	3/29/2022 8:35:00 AM	4/20/2022 5:10:00 AM	Benzo(a)pyrene	n/a	DNQ	0.067	µg/L	EPA 8270C	0.051	0.1	WKL	
ME-CC	2021/22-3	Wet	3/29/2022 8:35:00 AM	4/15/2022 2:55:00 AM	Benzo(a)pyrene	n/a	<	0.04	µg/L	EPA 525.2	0.04	0.2	WKL	
ME-CC	2021/22-3	Wet	3/29/2022 8:35:00 AM	4/28/2022 12:32:00 AM	Benzo(a)pyrene	n/a	<	0.39	µg/L	EPA 625.1	0.39	1	WKL	
ME-CC	2021/22-3	Wet	3/29/2022 8:35:00 AM	4/28/2022 12:32:00 AM	Benzo(b)fluoranthene	n/a	<	0.46	µg/L	EPA 625.1	0.46	1	WKL	
ME-CC	2021/22-3	Wet	3/29/2022 8:35:00 AM	4/20/2022 5:10:00 AM	Benzo(b)fluoranthene	n/a	<	0.074	µg/L	EPA 8270C	0.074	0.1	WKL	
ME-CC	2021/22-3	Wet	3/29/2022 8:35:00 AM	4/28/2022 12:32:00 AM	Benzo(g,h,i)perylene	n/a	<	0.42	µg/L	EPA 625.1	0.42	2	WKL	
ME-CC	2021/22-3	Wet	3/29/2022 8:35:00 AM	4/20/2022 5:10:00 AM	Benzo(g,h,i)perylene	n/a	DNQ	0.055	µg/L	EPA 8270C	0.05	0.1	WKL	
ME-CC	2021/22-3	Wet	3/29/2022 8:35:00 AM	4/28/2022 12:32:00 AM	Benzo(k)fluoranthene	n/a	<	0.22	µg/L	EPA 625.1	0.22	1	WKL	
ME-CC	2021/22-3	Wet	3/29/2022 8:35:00 AM	4/20/2022 5:10:00 AM	Benzo(k)fluoranthene	n/a	DNQ	0.054	µg/L	EPA 8270C	0.026	0.1	WKL	UL-MB
ME-CC	2021/22-3	Wet	3/29/2022 8:35:00 AM	4/28/2022 12:32:00 AM	Bis(2-chloroethoxy)methane	n/a	<	0.25	µg/L	EPA 625.1	0.25	1	WKL	
ME-CC	2021/22-3	Wet	3/29/2022 8:35:00 AM	4/28/2022 12:32:00 AM	Bis(2-chloroethyl)ether	n/a	<	0.27	µg/L	EPA 625.1	0.27	1	WKL	
ME-CC	2021/22-3	Wet	3/29/2022 8:35:00 AM	4/28/2022 12:32:00 AM	Bis(2-chloroisopropyl)ether	n/a	<	0.38	µg/L	EPA 625.1	0.38	1	WKL	
ME-CC	2021/22-3	Wet	3/29/2022 8:35:00 AM	4/15/2022 2:55:00 AM	Bis(2-ethylhexyl)adipate	n/a	<	0.85	µg/L	EPA 525.2	0.85	10	WKL	
ME-CC	2021/22-3	Wet	3/29/2022 8:35:00 AM	4/28/2022 12:32:00 AM	Bis(2-ethylhexyl)phthalate	n/a	<	2.3	µg/L	EPA 625.1	2.3	5	WKL	
ME-CC	2021/22-3	Wet	3/29/2022 8:35:00 AM	4/15/2022 2:55:00 AM	Bis(2-ethylhexyl)phthalate	n/a	<	0.82	µg/L	EPA 525.2	0.82	6	WKL	
ME-CC	2021/22-3	Wet	3/29/2022 8:35:00 AM	4/28/2022 12:32:00 AM	Butyl benzyl phthalate	n/a	<	0.49	µg/L	EPA 625.1	0.49	1	WKL	
ME-CC	2021/22-3	Wet	3/29/2022 8:35:00 AM	4/28/2022 12:32:00 AM	Chrysene	n/a	<	0.19	µg/L	EPA 625.1	0.19	1	WKL	
ME-CC	2021/22-3	Wet	3/29/2022 8:35:00 AM	4/20/2022 5:10:00 AM	Chrysene	n/a	<	0.074	µg/L	EPA 8270C	0.074	0.1	WKL	
ME-CC	2021/22-3	Wet	3/29/2022 8:35:00 AM	4/28/2022 12:32:00 AM	Dibenz(a,h)anthracene	n/a	<	0.15	µg/L	EPA 625.1	0.15	2	WKL	
ME-CC	2021/22-3	Wet	3/29/2022 8:35:00 AM	4/20/2022 5:10:00 AM	Dibenz(a,h)anthracene	n/a	DNQ	0.078	µg/L	EPA 8270C	0.036	0.1	WKL	UL-MB
ME-CC	2021/22-3	Wet	3/29/2022 8:35:00 AM	4/28/2022 12:32:00 AM	Diethyl phthalate	n/a	=	3.9	µg/L	EPA 625.1	0.35	1	WKL	
ME-CC	2021/22-3	Wet	3/29/2022 8:35:00 AM	4/28/2022 12:32:00 AM	Dimethyl phthalate	n/a	DNQ	0.55	µg/L	EPA 625.1	0.18	1	WKL	
ME-CC	2021/22-3	Wet	3/29/2022 8:35:00 AM	4/28/2022 12:32:00 AM	Di-n-butylphthalate	n/a	DNQ	0.4	µg/L	EPA 625.1	0.34	1	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
ME-CC	2021/22-3	Wet	3/29/2022 8:35:00 AM	4/28/2022 12:32:00 AM	Di-n-octylphthalate	n/a	<	0.46	µg/L	EPA 625.1	0.46	1	WKL	
ME-CC	2021/22-3	Wet	3/29/2022 8:35:00 AM	4/28/2022 12:32:00 AM	Fluoranthene	n/a	<	0.35	µg/L	EPA 625.1	0.35	1	WKL	
ME-CC	2021/22-3	Wet	3/29/2022 8:35:00 AM	4/20/2022 5:10:00 AM	Fluoranthene	n/a	<	0.039	µg/L	EPA 8270C	0.039	0.1	WKL	
ME-CC	2021/22-3	Wet	3/29/2022 8:35:00 AM	4/28/2022 12:32:00 AM	Fluorene	n/a	<	0.35	µg/L	EPA 625.1	0.35	1	WKL	
ME-CC	2021/22-3	Wet	3/29/2022 8:35:00 AM	4/20/2022 5:10:00 AM	Fluorene	n/a	<	0.029	µg/L	EPA 8270C	0.029	0.1	WKL	
ME-CC	2021/22-3	Wet	3/29/2022 8:35:00 AM	4/28/2022 12:32:00 AM	Hexachlorobenzene	n/a	<	0.49	µg/L	EPA 625.1	0.49	1	WKL	
ME-CC	2021/22-3	Wet	3/29/2022 8:35:00 AM	4/28/2022 12:32:00 AM	Hexachlorobutadiene	n/a	<	0.47	µg/L	EPA 625.1	0.47	1	WKL	
ME-CC	2021/22-3	Wet	3/29/2022 8:35:00 AM	4/28/2022 12:32:00 AM	Hexachlorocyclopentadiene	n/a	<	0.31	µg/L	EPA 625.1	0.31	5	WKL	
ME-CC	2021/22-3	Wet	3/29/2022 8:35:00 AM	4/15/2022 2:55:00 AM	Hexachlorocyclopentadiene	n/a	<	0.18	µg/L	EPA 525.2	0.18	2	WKL	
ME-CC	2021/22-3	Wet	3/29/2022 8:35:00 AM	4/28/2022 12:32:00 AM	Hexachloroethane	n/a	<	0.5	µg/L	EPA 625.1	0.5	1	WKL	
ME-CC	2021/22-3	Wet	3/29/2022 8:35:00 AM	4/28/2022 12:32:00 AM	Indeno(1,2,3-cd)pyrene	n/a	<	0.25	µg/L	EPA 625.1	0.25	2	WKL	
ME-CC	2021/22-3	Wet	3/29/2022 8:35:00 AM	4/20/2022 5:10:00 AM	Indeno(1,2,3-cd)pyrene	n/a	DNQ	0.067	µg/L	EPA 8270C	0.065	0.1	WKL	
ME-CC	2021/22-3	Wet	3/29/2022 8:35:00 AM	4/28/2022 12:32:00 AM	Isophorone	n/a	<	0.21	µg/L	EPA 625.1	0.21	1	WKL	
ME-CC	2021/22-3	Wet	3/29/2022 8:35:00 AM	4/28/2022 12:32:00 AM	Naphthalene	n/a	<	0.49	µg/L	EPA 625.1	0.49	1	WKL	
ME-CC	2021/22-3	Wet	3/29/2022 8:35:00 AM	4/20/2022 5:10:00 AM	Naphthalene	n/a	<	0.026	µg/L	EPA 8270C	0.026	0.1	WKL	
ME-CC	2021/22-3	Wet	3/29/2022 8:35:00 AM	4/28/2022 12:32:00 AM	Nitrobenzene	n/a	<	0.36	µg/L	EPA 625.1	0.36	1	WKL	
ME-CC	2021/22-3	Wet	3/29/2022 8:35:00 AM	4/28/2022 12:32:00 AM	N-Nitrosodimethylamine	n/a	<	0.5	µg/L	EPA 625.1	0.5	1	WKL	
ME-CC	2021/22-3	Wet	3/29/2022 8:35:00 AM	4/28/2022 12:32:00 AM	N-Nitrosodi-N-propylamine	n/a	<	0.26	µg/L	EPA 625.1	0.26	1	WKL	
ME-CC	2021/22-3	Wet	3/29/2022 8:35:00 AM	4/28/2022 12:32:00 AM	N-Nitrosodiphenylamine	n/a	<	0.19	µg/L	EPA 625.1	0.19	1	WKL	
ME-CC	2021/22-3	Wet	3/29/2022 8:35:00 AM	4/20/2022 5:10:00 AM	Phenanthrene	n/a	DNQ	0.029	µg/L	EPA 8270C	0.029	0.1	WKL	
ME-CC	2021/22-3	Wet	3/29/2022 8:35:00 AM	4/28/2022 12:32:00 AM	Phenanthrene	n/a	<	0.32	µg/L	EPA 625.1	0.32	1	WKL	
ME-CC	2021/22-3	Wet	3/29/2022 8:35:00 AM	4/28/2022 12:32:00 AM	Phenol	n/a	<	0.81	µg/L	EPA 625.1	0.81	1	WKL	
ME-CC	2021/22-3	Wet	3/29/2022 8:35:00 AM	4/29/2022 5:17:00 AM	Phenol	n/a	<	0.35	µg/L	EPA 8270C	0.35	1	WKL	
ME-CC	2021/22-3	Wet	3/29/2022 8:35:00 AM	4/28/2022 12:32:00 AM	Pyrene	n/a	<	0.25	µg/L	EPA 625.1	0.25	1	WKL	
ME-CC	2021/22-3	Wet	3/29/2022 8:35:00 AM	4/20/2022 5:10:00 AM	Pyrene	n/a	<	0.04	µg/L	EPA 8270C	0.04	0.1	WKL	
ME-CC	2021/22-3	Wet	3/29/2022 8:35:00 AM	4/9/2022 11:41:00 PM	PCB Aroclor 1016	n/a	<	2.5	µg/L	EPA 608.3	2.5	2.5	WKL	
ME-CC	2021/22-3	Wet	3/29/2022 8:35:00 AM	4/9/2022 11:41:00 PM	PCB Aroclor 1221	n/a	<	2.5	µg/L	EPA 608.3	2.5	2.5	WKL	
ME-CC	2021/22-3	Wet	3/29/2022 8:35:00 AM	4/9/2022 11:41:00 PM	PCB Aroclor 1232	n/a	<	2.5	µg/L	EPA 608.3	2.5	2.5	WKL	
ME-CC	2021/22-3	Wet	3/29/2022 8:35:00 AM	4/9/2022 11:41:00 PM	PCB Aroclor 1242	n/a	<	2.5	µg/L	EPA 608.3	2.5	2.5	WKL	
ME-CC	2021/22-3	Wet	3/29/2022 8:35:00 AM	4/9/2022 11:41:00 PM	PCB Aroclor 1248	n/a	<	2.5	µg/L	EPA 608.3	2.5	2.5	WKL	
ME-CC	2021/22-3	Wet	3/29/2022 8:35:00 AM	4/9/2022 11:41:00 PM	PCB Aroclor 1254	n/a	<	2.5	µg/L	EPA 608.3	2.5	2.5	WKL	
ME-CC	2021/22-3	Wet	3/29/2022 8:35:00 AM	4/9/2022 11:41:00 PM	PCB Aroclor 1260	n/a	<	2.5	µg/L	EPA 608.3	2.5	2.5	WKL	
ME-CC	2021/22-3	Wet	3/29/2022 8:35:00 AM	4/1/2022 2:02:00 AM	2,4,5-T	n/a	<	0.03	µg/L	EPA 515.4	0.03	0.2	WKL	
ME-CC	2021/22-3	Wet	3/29/2022 8:35:00 AM	4/1/2022 2:02:00 AM	2,4,5-TP	n/a	<	0.026	µg/L	EPA 515.4	0.026	0.2	WKL	
ME-CC	2021/22-3	Wet	3/29/2022 8:35:00 AM	4/1/2022 2:02:00 AM	2,4-D	n/a	=	0.54	µg/L	EPA 515.4	0.14	0.4	WKL	
ME-CC	2021/22-3	Wet	3/29/2022 8:35:00 AM	4/1/2022 2:02:00 AM	2,4-DB	n/a	<	0.19	µg/L	EPA 515.4	0.19	2	WKL	
ME-CC	2021/22-3	Wet	3/29/2022 8:35:00 AM	4/1/2022 2:02:00 AM	3,5-Dichlorobenzoic acid	n/a	<	1	µg/L	EPA 515.4	1	1	WKL	
ME-CC	2021/22-3	Wet	3/29/2022 8:35:00 AM	4/9/2022 11:41:00 PM	4,4'-DDD	n/a	<	0.25	µg/L	EPA 608.3	0.25	0.25	WKL	
ME-CC	2021/22-3	Wet	3/29/2022 8:35:00 AM	4/9/2022 11:41:00 PM	4,4'-DDE	n/a	DNQ	0.014	µg/L	EPA 608.3	0.0035	0.25	WKL	
ME-CC	2021/22-3	Wet	3/29/2022 8:35:00 AM	4/9/2022 11:41:00 PM	4,4'-DDT	n/a	<	0.05	µg/L	EPA 608.3	0.05	0.05	WKL	
ME-CC	2021/22-3	Wet	3/29/2022 8:35:00 AM	4/1/2022 2:02:00 AM	Acifluorfen	n/a	<	0.4	µg/L	EPA 515.4	0.4	0.4	WKL	
ME-CC	2021/22-3	Wet	3/29/2022 8:35:00 AM	4/15/2022 2:55:00 AM	Alachlor	n/a	<	0.06	µg/L	EPA 525.2	0.06	0.2	WKL	
ME-CC	2021/22-3	Wet	3/29/2022 8:35:00 AM	4/9/2022 11:41:00 PM	Aldrin	n/a	<	0.005	µg/L	EPA 608.3	0.005	0.025	WKL	
ME-CC	2021/22-3	Wet	3/29/2022 8:35:00 AM	4/9/2022 11:41:00 PM	alpha-BHC	n/a	<	0.0055	µg/L	EPA 608.3	0.0055	0.05	WKL	
ME-CC	2021/22-3	Wet	3/29/2022 8:35:00 AM	4/9/2022 11:41:00 PM	alpha-Chlordane	n/a	<	0.014	µg/L	EPA 608.3	0.014	0.05	WKL	
ME-CC	2021/22-3	Wet	3/29/2022 8:35:00 AM	4/15/2022 8:35:00 AM	Atrazine	n/a	<	0.022	µg/L	EPA 525.2	0.022	0.2	WKL	
ME-CC	2021/22-3	Wet	3/29/2022 8:35:00 AM	4/1/2022 6:19:00 PM	Azinphos methyl	n/a	<	0.011	µg/L	EPA 625.1m	0.011	0.02	WKL	
ME-CC	2021/22-3	Wet	3/29/2022 8:35:00 AM	4/1/2022 2:02:00 AM	Bentazon	n/a	<	0.23	µg/L	EPA 515.4	0.23	2	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
ME-CC	2021/22-3	Wet	3/29/2022 8:35:00 AM	4/9/2022 11:41:00 PM	beta-BHC	n/a	<	0.0075	µg/L	EPA 608.3	0.0075	0.025	WKL	
ME-CC	2021/22-3	Wet	3/29/2022 8:35:00 AM	4/1/2022 6:19:00 PM	Bolstar	n/a	<	0.0092	µg/L	EPA 625.1m	0.0092	0.02	WKL	
ME-CC	2021/22-3	Wet	3/29/2022 8:35:00 AM	4/15/2022 2:55:00 AM	Bromacil	n/a	<	0.14	µg/L	EPA 525.2	0.14	1	WKL	
ME-CC	2021/22-3	Wet	3/29/2022 8:35:00 AM	4/15/2022 2:55:00 AM	Butachlor	n/a	<	0.024	µg/L	EPA 525.2	0.024	0.2	WKL	
ME-CC	2021/22-3	Wet	3/29/2022 8:35:00 AM	4/15/2022 2:55:00 AM	Captan	n/a	<	0.64	µg/L	EPA 525.2	0.64	2	WKL	
ME-CC	2021/22-3	Wet	3/29/2022 8:35:00 AM	4/9/2022 11:41:00 PM	Chlordane (technical)	n/a	<	0.5	µg/L	EPA 608.3	0.5	0.5	WKL	
ME-CC	2021/22-3	Wet	3/29/2022 8:35:00 AM	4/15/2022 2:55:00 AM	Chlorpropham	n/a	<	0.08	µg/L	EPA 525.2	0.08	0.2	WKL	
ME-CC	2021/22-3	Wet	3/29/2022 8:35:00 AM	4/1/2022 6:19:00 PM	Chlorpyrifos	n/a	<	0.014	µg/L	EPA 625.1m	0.014	0.02	WKL	
ME-CC	2021/22-3	Wet	3/29/2022 8:35:00 AM	4/1/2022 6:19:00 PM	Coumaphos	n/a	<	0.01	µg/L	EPA 625.1m	0.01	0.02	WKL	
ME-CC	2021/22-3	Wet	3/29/2022 8:35:00 AM	4/1/2022 2:02:00 AM	Dalapon	n/a	<	0.11	µg/L	EPA 515.4	0.11	0.4	WKL	
ME-CC	2021/22-3	Wet	3/29/2022 8:35:00 AM	4/1/2022 2:02:00 AM	DCCA (Dacthal)	n/a	<	0.1	µg/L	EPA 515.4	0.1	0.1	WKL	
ME-CC	2021/22-3	Wet	3/29/2022 8:35:00 AM	4/9/2022 11:41:00 PM	delta-BHC	n/a	<	0.0095	µg/L	EPA 608.3	0.0095	0.025	WKL	
ME-CC	2021/22-3	Wet	3/29/2022 8:35:00 AM	4/1/2022 6:19:00 PM	Demeton-O	n/a	<	0.02	µg/L	EPA 625.1m	0.02	0.02	WKL	
ME-CC	2021/22-3	Wet	3/29/2022 8:35:00 AM	4/1/2022 6:19:00 PM	Demeton-S	n/a	<	0.02	µg/L	EPA 625.1m	0.02	0.02	WKL	
ME-CC	2021/22-3	Wet	3/29/2022 8:35:00 AM	4/1/2022 6:19:00 PM	Diazinon	n/a	<	0.01	µg/L	EPA 625.1m	0.01	0.02	WKL	
ME-CC	2021/22-3	Wet	3/29/2022 8:35:00 AM	4/15/2022 2:55:00 AM	Diazinon	n/a	<	0.044	µg/L	EPA 525.2	0.044	0.2	WKL	
ME-CC	2021/22-3	Wet	3/29/2022 8:35:00 AM	4/1/2022 2:02:00 AM	Dicamba	n/a	<	0.049	µg/L	EPA 515.4	0.049	0.6	WKL	
ME-CC	2021/22-3	Wet	3/29/2022 8:35:00 AM	4/1/2022 2:02:00 AM	Dichlorprop	n/a	<	0.12	µg/L	EPA 515.4	0.12	0.3	WKL	
ME-CC	2021/22-3	Wet	3/29/2022 8:35:00 AM	4/1/2022 6:19:00 PM	Dichlorvos	n/a	<	0.0058	µg/L	EPA 625.1m	0.0058	0.02	WKL	
ME-CC	2021/22-3	Wet	3/29/2022 8:35:00 AM	4/9/2022 11:41:00 PM	Dieldrin	n/a	<	0.05	µg/L	EPA 608.3	0.05	0.05	WKL	
ME-CC	2021/22-3	Wet	3/29/2022 8:35:00 AM	4/15/2022 2:55:00 AM	Dimethoate	n/a	<	0.04	µg/L	EPA 525.2	0.04	0.4	WKL	
ME-CC	2021/22-3	Wet	3/29/2022 8:35:00 AM	4/1/2022 6:19:00 PM	Dimethoate	n/a	<	0.012	µg/L	EPA 625.1m	0.012	0.02	WKL	
ME-CC	2021/22-3	Wet	3/29/2022 8:35:00 AM	4/1/2022 2:02:00 AM	Dinoseb	n/a	<	0.033	µg/L	EPA 515.4	0.033	0.4	WKL	
ME-CC	2021/22-3	Wet	3/29/2022 8:35:00 AM	4/15/2022 2:55:00 AM	Diphenamid	n/a	<	0.06	µg/L	EPA 525.2	0.06	0.2	WKL	
ME-CC	2021/22-3	Wet	3/29/2022 8:35:00 AM	4/15/2022 2:55:00 AM	Disulfoton	n/a	<	0.031	µg/L	EPA 525.2	0.031	0.2	WKL	
ME-CC	2021/22-3	Wet	3/29/2022 8:35:00 AM	4/1/2022 6:19:00 PM	Disulfoton	n/a	<	0.02	µg/L	EPA 625.1m	0.02	0.02	WKL	
ME-CC	2021/22-3	Wet	3/29/2022 8:35:00 AM	4/9/2022 11:41:00 PM	Endosulfan I	n/a	<	0.0045	µg/L	EPA 608.3	0.0045	0.1	WKL	
ME-CC	2021/22-3	Wet	3/29/2022 8:35:00 AM	4/9/2022 11:41:00 PM	Endosulfan II	n/a	<	0.0035	µg/L	EPA 608.3	0.0035	0.05	WKL	
ME-CC	2021/22-3	Wet	3/29/2022 8:35:00 AM	4/9/2022 11:41:00 PM	Endosulfan sulfate	n/a	<	0.0065	µg/L	EPA 608.3	0.0065	0.25	WKL	
ME-CC	2021/22-3	Wet	3/29/2022 8:35:00 AM	4/9/2022 11:41:00 PM	Endrin	n/a	<	0.0085	µg/L	EPA 608.3	0.0085	0.05	WKL	
ME-CC	2021/22-3	Wet	3/29/2022 8:35:00 AM	4/9/2022 11:41:00 PM	Endrin aldehyde	n/a	<	0.0095	µg/L	EPA 608.3	0.0095	0.05	WKL	
ME-CC	2021/22-3	Wet	3/29/2022 8:35:00 AM	4/15/2022 2:55:00 AM	EPTC	n/a	<	0.04	µg/L	EPA 525.2	0.04	0.2	WKL	
ME-CC	2021/22-3	Wet	3/29/2022 8:35:00 AM	4/1/2022 6:19:00 PM	Ethoprop	n/a	<	0.013	µg/L	EPA 625.1m	0.013	0.02	WKL	
ME-CC	2021/22-3	Wet	3/29/2022 8:35:00 AM	4/1/2022 6:19:00 PM	Ethyl parathion	n/a	<	0.011	µg/L	EPA 625.1m	0.011	0.02	WKL	
ME-CC	2021/22-3	Wet	3/29/2022 8:35:00 AM	4/1/2022 6:19:00 PM	Fensulfthion	n/a	<	0.0058	µg/L	EPA 625.1m	0.0058	0.02	WKL	
ME-CC	2021/22-3	Wet	3/29/2022 8:35:00 AM	4/1/2022 6:19:00 PM	Fenthion	n/a	<	0.0076	µg/L	EPA 625.1m	0.0076	0.02	WKL	
ME-CC	2021/22-3	Wet	3/29/2022 8:35:00 AM	4/9/2022 11:41:00 PM	gamma-BHC (Lindane)	n/a	<	0.002	µg/L	EPA 608.3	0.002	0.1	WKL	
ME-CC	2021/22-3	Wet	3/29/2022 8:35:00 AM	4/9/2022 11:41:00 PM	gamma-Chlordane	n/a	<	0.012	µg/L	EPA 608.3	0.012	0.05	WKL	
ME-CC	2021/22-3	Wet	3/29/2022 8:35:00 AM	4/4/2022 6:46:00 PM	Glyphosate	n/a	=	16	µg/L	EPA 547	1.8	5	WKL	
ME-CC	2021/22-3	Wet	3/29/2022 8:35:00 AM	4/9/2022 11:41:00 PM	Heptachlor	n/a	<	0.003	µg/L	EPA 608.3	0.003	0.05	WKL	
ME-CC	2021/22-3	Wet	3/29/2022 8:35:00 AM	4/9/2022 11:41:00 PM	Heptachlor epoxide	n/a	<	0.002	µg/L	EPA 608.3	0.002	0.05	WKL	
ME-CC	2021/22-3	Wet	3/29/2022 8:35:00 AM	4/1/2022 6:19:00 PM	Malathion	n/a	=	0.32	µg/L	EPA 625.1m	0.015	0.02	WKL	
ME-CC	2021/22-3	Wet	3/29/2022 8:35:00 AM	4/1/2022 6:19:00 PM	Merphos	n/a	<	0.012	µg/L	EPA 625.1m	0.012	0.02	WKL	
ME-CC	2021/22-3	Wet	3/29/2022 8:35:00 AM	4/1/2022 6:19:00 PM	Methyl parathion	n/a	<	0.013	µg/L	EPA 625.1m	0.013	0.02	WKL	
ME-CC	2021/22-3	Wet	3/29/2022 8:35:00 AM	4/15/2022 2:55:00 AM	Metolachlor	n/a	<	0.06	µg/L	EPA 525.2	0.06	0.2	WKL	
ME-CC	2021/22-3	Wet	3/29/2022 8:35:00 AM	4/15/2022 2:55:00 AM	Metribuzin	n/a	<	0.06	µg/L	EPA 525.2	0.06	0.2	WKL	
ME-CC	2021/22-3	Wet	3/29/2022 8:35:00 AM	4/1/2022 6:19:00 PM	Mevinphos	n/a	<	0.0084	µg/L	EPA 625.1m	0.0084	0.02	WKL	
ME-CC	2021/22-3	Wet	3/29/2022 8:35:00 AM	4/15/2022 2:55:00 AM	Molinate	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-CC	2021/22-3	Wet	3/29/2022 8:35:00 AM	4/1/2022 6:19:00 PM	Naled	n/a	<	0.015	µg/L	EPA 625.1m	0.015	0.02	WKL	
ME-CC	2021/22-3	Wet	3/29/2022 8:35:00 AM	4/1/2022 12:00 AM	Pentachlorophenol	n/a	=	0.27	µg/L	EPA 515.4	0.2	0.2	WKL	
ME-CC	2021/22-3	Wet	3/29/2022 8:35:00 AM	4/28/2022 12:32:00 AM	Pentachlorophenol	n/a	DNQ	0.79	µg/L	EPA 625.1	0.4	1	WKL	
ME-CC	2021/22-3	Wet	3/29/2022 8:35:00 AM	4/29/2022 5:17:00 AM	Pentachlorophenol	n/a	DNQ	0.48	µg/L	EPA 8270C	0.15	1	WKL	
ME-CC	2021/22-3	Wet	3/29/2022 8:35:00 AM	4/1/2022 6:19:00 PM	Phorate	n/a	<	0.006	µg/L	EPA 625.1m	0.006	0.02	WKL	
ME-CC	2021/22-3	Wet	3/29/2022 8:35:00 AM	4/1/2022 2:02:00 AM	Picloram	n/a	<	0.6	µg/L	EPA 515.4	0.6	0.6	WKL	
ME-CC	2021/22-3	Wet	3/29/2022 8:35:00 AM	4/15/2022 2:55:00 AM	Prometryn	n/a	DNQ	0.17	µg/L	EPA 525.2	0.06	0.2	WKL	
ME-CC	2021/22-3	Wet	3/29/2022 8:35:00 AM	4/1/2022 6:19:00 PM	Ronnel (Fenchlorphos)	n/a	<	0.0082	µg/L	EPA 625.1m	0.0082	0.02	WKL	
ME-CC	2021/22-3	Wet	3/29/2022 8:35:00 AM	4/15/2022 2:55:00 AM	Simazine	n/a	<	0.04	µg/L	EPA 525.2	0.04	0.2	WKL	
ME-CC	2021/22-3	Wet	3/29/2022 8:35:00 AM	4/1/2022 6:19:00 PM	Stirophos (Tetrachlorvinphos)	n/a	<	0.0062	µg/L	EPA 625.1m	0.0062	0.02	WKL	
ME-CC	2021/22-3	Wet	3/29/2022 8:35:00 AM	4/15/2022 2:55:00 AM	Terbacil	n/a	<	0.18	µg/L	EPA 525.2	0.18	4	WKL	
ME-CC	2021/22-3	Wet	3/29/2022 8:35:00 AM	4/15/2022 2:55:00 AM	Thiobencarb	n/a	<	0.06	µg/L	EPA 525.2	0.06	0.2	WKL	
ME-CC	2021/22-3	Wet	3/29/2022 8:35:00 AM	4/1/2022 6:19:00 PM	Tokuthion	n/a	<	0.016	µg/L	EPA 625.1m	0.016	0.02	WKL	
ME-CC	2021/22-3	Wet	3/29/2022 8:35:00 AM	4/9/2022 11:41:00 PM	Toxaphene	n/a	<	5	µg/L	EPA 608.3	5	5	WKL	
ME-CC	2021/22-3	Wet	3/29/2022 8:35:00 AM	4/1/2022 6:19:00 PM	Trichloronate	n/a	<	0.013	µg/L	EPA 625.1m	0.013	0.02	WKL	
ME-CC	2021/22-3	Wet	3/29/2022 8:35:00 AM	4/15/2022 2:55:00 AM	Trithion	n/a	<	0.04	µg/L	EPA 525.2	0.04	0.2	WKL	
ME-CC	2021/22-4	Dry	5/19/2022 10:35:00 AM	5/21/2022 3:16:00 AM	Chloride	n/a	=	230	mg/L	EPA 300.0	0.38	1	WKL	
ME-CC	2021/22-4	Dry	5/19/2022 10:35:00 AM	5/21/2022 3:16:00 AM	Fluoride	n/a	=	0.42	mg/L	EPA 300.0	0.018	0.2	WKL	
ME-CC	2021/22-4	Dry	5/19/2022 10:35:00 AM	5/27/2022 8:33:00 PM	Perchlorate	n/a	<	0.39	µg/L	EPA 331	0.39	2	WKL	
ME-CC	2021/22-4	Dry	5/19/2022 10:35:00 AM	5/20/2022 4:00:00 PM	E. Coli	n/a	=	134	MPN/100 mL	MMO-MUG	10	10	VCHCA	
ME-CC	2021/22-4	Dry	5/19/2022 10:35:00 AM	5/20/2022 4:00:00 PM	Total Coliform	n/a	=	30760	MPN/100 mL	MMO-MUG	100	100	VCHCA	
ME-CC	2021/22-4	Dry	5/19/2022 10:35:00 AM	6/1/2022 8:42:00 PM	Calcium	Total	=	95.2	mg/L	EPA 200.7	0.0234	0.5	WKL	
ME-CC	2021/22-4	Dry	5/19/2022 10:35:00 AM	6/1/2022 8:42:00 PM	Magnesium	Total	=	59.2	mg/L	EPA 200.7	0.039	0.5	WKL	
ME-CC	2021/22-4	Dry	5/19/2022 10:35:00 AM	5/26/2022 7:09:00 PM	Alkalinity as CaCO3	n/a	=	270	mg/L	SM 2320 B	1.9	5	WKL	
ME-CC	2021/22-4	Dry	5/19/2022 10:35:00 AM	5/25/2022 3:35:00 PM	BOD	n/a	=	2	mg/L	SM 5210 B	2	2	WKL	
ME-CC	2021/22-4	Dry	5/19/2022 10:35:00 AM	5/25/2022 3:14:00 PM	COD	n/a	=	12	mg/L	EPA 410.4	2.9	5	WKL	
ME-CC	2021/22-4	Dry	5/19/2022 10:35:00 AM	5/19/2022 10:35:00 AM	Conductivity	n/a	=	1495	µmhos/cm	Field Meter	-88	1	Field Crew	
ME-CC	2021/22-4	Dry	5/19/2022 10:35:00 AM	5/25/2022 1:33:00 PM	Cyanide	Total	<	0.0012	mg/L	ASTM D7511	0.0012	0.002	WKL	
ME-CC	2021/22-4	Dry	5/19/2022 10:35:00 AM	5/19/2022 10:35:00 AM	DO	n/a	=	8.06	mg/L	Field Meter	-88	0.3	Field Crew	
ME-CC	2021/22-4	Dry	5/19/2022 10:35:00 AM	5/19/2022 10:35:00 AM	DO	n/a	=	87.7	%	Field Meter	-88	0.1	Field Crew	
ME-CC	2021/22-4	Dry	5/19/2022 10:35:00 AM	6/1/2022 8:42:00 PM	Hardness as CaCO3	Total	=	481	mg/L	EPA 200.7	0.219	3.31	WKL	
ME-CC	2021/22-4	Dry	5/19/2022 10:35:00 AM	5/20/2022 4:33:00 PM	MBAS	n/a	DNQ	0.031	mg/L	SM 5540 C	0.013	0.05	WKL	
ME-CC	2021/22-4	Dry	5/19/2022 10:35:00 AM	5/19/2022 10:35:00 AM	pH	n/a	=	7.32	pH Units	Field Meter	-88	0.01	Field Crew	
ME-CC	2021/22-4	Dry	5/19/2022 10:35:00 AM	5/25/2022 12:12:00 PM	Phenolics	n/a	DNQ	0.0069	mg/L	EPA 420.4	0.0068	0.01	WKL	
ME-CC	2021/22-4	Dry	5/19/2022 10:35:00 AM	5/19/2022 10:35:00 AM	Salinity	n/a	=	900	mg/L	Field Meter	-88	100	Field Crew	
ME-CC	2021/22-4	Dry	5/19/2022 10:35:00 AM	5/31/2022 12:56:00 PM	Specific Conductance	n/a	=	1900	µmhos/cm	SM 2510 B	3.2	6	WKL	
ME-CC	2021/22-4	Dry	5/19/2022 10:35:00 AM	5/19/2022 10:35:00 AM	Specific Conductance	n/a	=	1682	µmhos/cm	Field Meter	-88	1	Field Crew	
ME-CC	2021/22-4	Dry	5/19/2022 10:35:00 AM	5/19/2022 10:35:00 AM	Temperature	n/a	=	19.3	°C	Field Meter	-88	0.1	Field Crew	
ME-CC	2021/22-4	Dry	5/19/2022 10:35:00 AM	5/19/2022 6:16:00 PM	Total Chlorine Residual	n/a	<	0.031	mg/L	SM 4500-Cl G	0.031	0.05	WKL	EST-HT
ME-CC	2021/22-4	Dry	5/19/2022 10:35:00 AM	5/25/2022 11:58:00 AM	Total Dissolved Solids	n/a	=	1100	mg/L	SM 2540 C	4	10	WKL	
ME-CC	2021/22-4	Dry	5/19/2022 10:35:00 AM	5/26/2022 5:40:00 AM	Total Organic Carbon	n/a	=	5.5	mg/L	SM 5310 B	0.19	0.3	WKL	
ME-CC	2021/22-4	Dry	5/19/2022 10:35:00 AM	5/25/2022 6:00:00 PM	Total Suspended Solids	n/a	=	10	mg/L	SM 2540 D	-88	5	WKL	
ME-CC	2021/22-4	Dry	5/19/2022 10:35:00 AM	5/20/2022 4:05:00 PM	Turbidity	n/a	=	4.3	NTU	EPA 180.1	0.017	0.1	WKL	
ME-CC	2021/22-4	Dry	5/19/2022 10:35:00 AM	5/25/2022 6:00:00 PM	Volatile Suspended Solids	n/a	<	3.1	mg/L	EPA 160.4	3.1	5	WKL	
ME-CC	2021/22-4	Dry	5/19/2022 10:35:00 AM	6/14/2022 5:34:00 PM	Diesel Range Organics	n/a	=	0.2	mg/L	EPA 8015B	0.072	0.1	WKL	
ME-CC	2021/22-4	Dry	5/19/2022 10:35:00 AM	5/24/2022 7:31:00 PM	Gasoline Range Organics	n/a	DNQ	0.089	mg/L	EPA 8260B	0.065	0.1	WKL	
ME-CC	2021/22-4	Dry	5/19/2022 10:35:00 AM	6/1/2022 9:04:00 AM	Oil and Grease	n/a	<	0.6	mg/L	EPA 1664B	0.6	4	WKL	
ME-CC	2021/22-4	Dry	5/19/2022 10:35:00 AM	6/14/2022 5:34:00 PM	Oil Range Organics	n/a	<	0.33	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
ME-CC	2021/22-4	Dry	5/19/2022 10:35:00 AM	5/31/2022 5:12:00 PM	Aluminum	Dissolved	<	4.4	µg/L	EPA 200.8	4.4	20	WKL	
ME-CC	2021/22-4	Dry	5/19/2022 10:35:00 AM	5/31/2022 5:15:00 PM	Aluminum	Total	=	190	µg/L	EPA 200.8	4.4	20	WKL	
ME-CC	2021/22-4	Dry	5/19/2022 10:35:00 AM	5/31/2022 5:12:00 PM	Antimony	Dissolved	DNQ	0.44	µg/L	EPA 200.8	0.089	0.5	WKL	
ME-CC	2021/22-4	Dry	5/19/2022 10:35:00 AM	5/31/2022 5:15:00 PM	Antimony	Total	DNQ	0.45	µg/L	EPA 200.8	0.089	0.5	WKL	
ME-CC	2021/22-4	Dry	5/19/2022 10:35:00 AM	5/31/2022 5:12:00 PM	Arsenic	Dissolved	=	4.1	µg/L	EPA 200.8	0.074	0.4	WKL	
ME-CC	2021/22-4	Dry	5/19/2022 10:35:00 AM	5/31/2022 5:15:00 PM	Arsenic	Total	=	4.1	µg/L	EPA 200.8	0.074	0.4	WKL	
ME-CC	2021/22-4	Dry	5/19/2022 10:35:00 AM	5/31/2022 5:15:00 PM	Barium	Total	=	44	µg/L	EPA 200.8	0.14	1	WKL	
ME-CC	2021/22-4	Dry	5/19/2022 10:35:00 AM	5/31/2022 5:12:00 PM	Beryllium	Dissolved	<	0.062	µg/L	EPA 200.8	0.062	0.1	WKL	
ME-CC	2021/22-4	Dry	5/19/2022 10:35:00 AM	5/31/2022 5:15:00 PM	Beryllium	Total	<	0.029	µg/L	EPA 200.8	0.029	0.1	WKL	
ME-CC	2021/22-4	Dry	5/19/2022 10:35:00 AM	5/31/2022 5:12:00 PM	Cadmium	Dissolved	DNQ	0.14	µg/L	EPA 200.8	0.042	0.2	WKL	
ME-CC	2021/22-4	Dry	5/19/2022 10:35:00 AM	5/31/2022 5:15:00 PM	Cadmium	Total	DNQ	0.14	µg/L	EPA 200.8	0.042	0.2	WKL	
ME-CC	2021/22-4	Dry	5/19/2022 10:35:00 AM	5/31/2022 5:12:00 PM	Chromium	Dissolved	=	0.41	µg/L	EPA 200.8	0.089	0.2	WKL	
ME-CC	2021/22-4	Dry	5/19/2022 10:35:00 AM	5/31/2022 5:15:00 PM	Chromium	Total	=	0.97	µg/L	EPA 200.8	0.089	0.2	WKL	
ME-CC	2021/22-4	Dry	5/19/2022 10:35:00 AM	6/1/2022 2:52:00 PM	Chromium VI	n/a	=	0.32	µg/L	EPA 218.6	0.0079	0.02	WKL	
ME-CC	2021/22-4	Dry	5/19/2022 10:35:00 AM	5/31/2022 5:12:00 PM	Copper	Dissolved	=	2.1	µg/L	EPA 200.8	0.23	0.5	WKL	
ME-CC	2021/22-4	Dry	5/19/2022 10:35:00 AM	5/31/2022 5:15:00 PM	Copper	Total	=	2.5	µg/L	EPA 200.8	0.23	0.5	WKL	
ME-CC	2021/22-4	Dry	5/19/2022 10:35:00 AM	5/31/2022 5:12:00 PM	Iron	Dissolved	DNQ	6	µg/L	EPA 200.8	3.9	20	WKL	
ME-CC	2021/22-4	Dry	5/19/2022 10:35:00 AM	5/31/2022 5:15:00 PM	Iron	Total	=	260	µg/L	EPA 200.8	3.9	20	WKL	
ME-CC	2021/22-4	Dry	5/19/2022 10:35:00 AM	5/31/2022 5:12:00 PM	Lead	Dissolved	<	0.083	µg/L	EPA 200.8	0.083	0.2	WKL	
ME-CC	2021/22-4	Dry	5/19/2022 10:35:00 AM	5/31/2022 5:15:00 PM	Lead	Total	DNQ	0.16	µg/L	EPA 200.8	0.083	0.2	WKL	
ME-CC	2021/22-4	Dry	5/19/2022 10:35:00 AM	5/27/2022 3:59:00 PM	Mercury	Dissolved	<	37	ng/L	EPA 245.1	37	50	WKL	
ME-CC	2021/22-4	Dry	5/19/2022 10:35:00 AM	5/27/2022 4:01:00 PM	Mercury	Total	<	37	ng/L	EPA 245.1	37	50	WKL	
ME-CC	2021/22-4	Dry	5/19/2022 10:35:00 AM	5/31/2022 5:12:00 PM	Nickel	Dissolved	=	6.7	µg/L	EPA 200.8	0.16	2	WKL	
ME-CC	2021/22-4	Dry	5/19/2022 10:35:00 AM	5/31/2022 5:15:00 PM	Nickel	Total	=	7.1	µg/L	EPA 200.8	0.16	2	WKL	
ME-CC	2021/22-4	Dry	5/19/2022 10:35:00 AM	5/31/2022 5:12:00 PM	Selenium	Dissolved	=	0.96	µg/L	EPA 200.8	0.067	0.4	WKL	
ME-CC	2021/22-4	Dry	5/19/2022 10:35:00 AM	5/31/2022 5:15:00 PM	Selenium	Total	=	0.97	µg/L	EPA 200.8	0.067	0.4	WKL	
ME-CC	2021/22-4	Dry	5/19/2022 10:35:00 AM	5/31/2022 5:12:00 PM	Silver	Dissolved	<	0.03	µg/L	EPA 200.8	0.03	0.2	WKL	
ME-CC	2021/22-4	Dry	5/19/2022 10:35:00 AM	5/31/2022 5:15:00 PM	Silver	Total	<	0.13	µg/L	EPA 200.8	0.13	0.2	WKL	
ME-CC	2021/22-4	Dry	5/19/2022 10:35:00 AM	5/31/2022 5:12:00 PM	Thallium	Dissolved	<	0.021	µg/L	EPA 200.8	0.021	0.2	WKL	
ME-CC	2021/22-4	Dry	5/19/2022 10:35:00 AM	5/31/2022 5:15:00 PM	Thallium	Total	<	0.021	µg/L	EPA 200.8	0.021	0.2	WKL	
ME-CC	2021/22-4	Dry	5/19/2022 10:35:00 AM	5/31/2022 5:12:00 PM	Zinc	Dissolved	DNQ	8.5	µg/L	EPA 200.8	0.8	10	WKL	
ME-CC	2021/22-4	Dry	5/19/2022 10:35:00 AM	5/31/2022 5:15:00 PM	Zinc	Total	=	10	µg/L	EPA 200.8	1.7	10	WKL	
ME-CC	2021/22-4	Dry	5/19/2022 10:35:00 AM	5/26/2022 4:25:00 PM	Ammonia as N	n/a	=	0.2	mg/L	EPA 350.1	0.017	0.1	WKL	
ME-CC	2021/22-4	Dry	5/19/2022 10:35:00 AM	5/20/2022 5:07:00 PM	Nitrate + Nitrite as N	n/a	=	8.2	mg/L	EPA 353.2	0.036	0.2	WKL	
ME-CC	2021/22-4	Dry	5/19/2022 10:35:00 AM	5/20/2022 5:07:00 PM	Nitrate as N	n/a	=	8	mg/L	EPA 353.2	0.04	0.2	WKL	
ME-CC	2021/22-4	Dry	5/19/2022 10:35:00 AM	6/1/2022 8:39:00 PM	Phosphorus as P	Dissolved	=	2	mg/L	EPA 200.7	0.018	0.05	WKL	
ME-CC	2021/22-4	Dry	5/19/2022 10:35:00 AM	6/1/2022 8:42:00 PM	Phosphorus as P	Total	=	2	mg/L	EPA 200.7	0.018	0.05	WKL	
ME-CC	2021/22-4	Dry	5/19/2022 10:35:00 AM	6/7/2022 1:34:00 PM	TKN	n/a	=	0.62	mg/L	EPA 351.2	0.065	0.1	WKL	
ME-CC	2021/22-4	Dry	5/19/2022 10:35:00 AM	6/1/2022 1:29:00 AM	1,2,4-Trichlorobenzene	n/a	<	0.49	µg/L	EPA 625.1	0.49	1	WKL	
ME-CC	2021/22-4	Dry	5/19/2022 10:35:00 AM	6/1/2022 1:29:00 AM	1,2-Dichlorobenzene	n/a	<	0.46	µg/L	EPA 625.1	0.46	1	WKL	
ME-CC	2021/22-4	Dry	5/19/2022 10:35:00 AM	6/1/2022 1:29:00 AM	1,2-Diphenylhydrazine	n/a	<	0.3	µg/L	EPA 625.1	0.3	1	WKL	
ME-CC	2021/22-4	Dry	5/19/2022 10:35:00 AM	6/1/2022 1:29:00 AM	1,3-Dichlorobenzene	n/a	<	0.42	µg/L	EPA 625.1	0.42	1	WKL	
ME-CC	2021/22-4	Dry	5/19/2022 10:35:00 AM	6/1/2022 1:29:00 AM	1,4-Dichlorobenzene	n/a	<	0.48	µg/L	EPA 625.1	0.48	1	WKL	
ME-CC	2021/22-4	Dry	5/19/2022 10:35:00 AM	6/25/2022 10:49:00 AM	1-Methylnaphthalene	n/a	<	0.024	µg/L	EPA 8270C	0.024	0.1	WKL	
ME-CC	2021/22-4	Dry	5/19/2022 10:35:00 AM	6/24/2022 6:52:00 AM	2,4,5-Trichlorophenol	n/a	<	0.29	µg/L	EPA 8270C	0.29	1	WKL	
ME-CC	2021/22-4	Dry	5/19/2022 10:35:00 AM	6/24/2022 6:52:00 AM	2,4,6-Trichlorophenol	n/a	<	0.3	µg/L	EPA 8270C	0.3	1	WKL	
ME-CC	2021/22-4	Dry	5/19/2022 10:35:00 AM	6/1/2022 1:29:00 AM	2,4,6-Trichlorophenol	n/a	<	0.22	µg/L	EPA 625.1	0.22	1	WKL	
ME-CC	2021/22-4	Dry	5/19/2022 10:35:00 AM	6/24/2022 6:52:00 AM	2,4-Dichlorophenol	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	2021/22-4	Dry	5/19/2022 10:35:00 AM	6/1/2022 1:29:00 AM	2,4-Dichlorophenol	n/a	<	0.26	µg/L	EPA 625.1	0.26	1	WKL	
ME-CC	2021/22-4	Dry	5/19/2022 10:35:00 AM	6/1/2022 1:29:00 AM	2,4-Dimethylphenol	n/a	<	0.76	µg/L	EPA 625.1	0.76	1	WKL	
ME-CC	2021/22-4	Dry	5/19/2022 10:35:00 AM	6/24/2022 6:52:00 AM	2,4-Dimethylphenol	n/a	<	1	µg/L	EPA 8270C	1	2	WKL	
ME-CC	2021/22-4	Dry	5/19/2022 10:35:00 AM	6/1/2022 1:29:00 AM	2,4-Dinitrophenol	n/a	<	1.9	µg/L	EPA 625.1	1.9	10	WKL	
ME-CC	2021/22-4	Dry	5/19/2022 10:35:00 AM	6/24/2022 6:52:00 AM	2,4-Dinitrophenol	n/a	<	1	µg/L	EPA 8270C	1	2	WKL	
ME-CC	2021/22-4	Dry	5/19/2022 10:35:00 AM	6/1/2022 1:29:00 AM	2,4-Dinitrotoluene	n/a	<	0.46	µg/L	EPA 625.1	0.46	1	WKL	
ME-CC	2021/22-4	Dry	5/19/2022 10:35:00 AM	6/1/2022 1:29:00 AM	2,6-Dinitrotoluene	n/a	<	0.27	µg/L	EPA 625.1	0.27	1	WKL	
ME-CC	2021/22-4	Dry	5/19/2022 10:35:00 AM	6/1/2022 1:29:00 AM	2-Chloronaphthalene	n/a	<	0.45	µg/L	EPA 625.1	0.45	1	WKL	
ME-CC	2021/22-4	Dry	5/19/2022 10:35:00 AM	6/1/2022 1:29:00 AM	2-Chlorophenol	n/a	<	0.28	µg/L	EPA 625.1	0.28	1	WKL	
ME-CC	2021/22-4	Dry	5/19/2022 10:35:00 AM	6/24/2022 6:52:00 AM	2-Chlorophenol	n/a	<	0.65	µg/L	EPA 8270C	0.65	1	WKL	
ME-CC	2021/22-4	Dry	5/19/2022 10:35:00 AM	6/25/2022 10:49:00 AM	2-Methylnaphthalene	n/a	<	0.026	µg/L	EPA 8270C	0.026	0.1	WKL	
ME-CC	2021/22-4	Dry	5/19/2022 10:35:00 AM	6/24/2022 6:52:00 AM	2-Methylphenol	n/a	<	0.34	µg/L	EPA 8270C	0.34	1	WKL	
ME-CC	2021/22-4	Dry	5/19/2022 10:35:00 AM	6/24/2022 6:52:00 AM	2-Nitrophenol	n/a	<	0.71	µg/L	EPA 8270C	0.71	1	WKL	
ME-CC	2021/22-4	Dry	5/19/2022 10:35:00 AM	6/1/2022 1:29:00 AM	2-Nitrophenol	n/a	<	0.26	µg/L	EPA 625.1	0.26	1	WKL	
ME-CC	2021/22-4	Dry	5/19/2022 10:35:00 AM	6/1/2022 1:29:00 AM	3,3'-Dichlorobenzidine	n/a	<	2.5	µg/L	EPA 625.1	2.5	5	WKL	
ME-CC	2021/22-4	Dry	5/19/2022 10:35:00 AM	6/24/2022 6:52:00 AM	3-/4-Methylphenol	n/a	<	0.3	µg/L	EPA 8270C	0.3	1	WKL	
ME-CC	2021/22-4	Dry	5/19/2022 10:35:00 AM	6/1/2022 1:29:00 AM	4,6-Dinitro-2-methylphenol	n/a	<	0.5	µg/L	EPA 625.1	0.5	5	WKL	
ME-CC	2021/22-4	Dry	5/19/2022 10:35:00 AM	6/24/2022 10:49:00 AM	4,6-Dinitro-2-methylphenol	n/a	<	0.14	µg/L	EPA 8270C	0.14	1	WKL	
ME-CC	2021/22-4	Dry	5/19/2022 10:35:00 AM	6/1/2022 1:29:00 AM	4-Bromophenyl phenyl ether	n/a	<	0.36	µg/L	EPA 625.1	0.36	1	WKL	
ME-CC	2021/22-4	Dry	5/19/2022 10:35:00 AM	6/1/2022 1:29:00 AM	4-Chloro-3-methylphenol	n/a	<	0.23	µg/L	EPA 625.1	0.23	1	WKL	
ME-CC	2021/22-4	Dry	5/19/2022 10:35:00 AM	6/24/2022 6:52:00 AM	4-Chloro-3-methylphenol	n/a	<	0.37	µg/L	EPA 8270C	0.37	1	WKL	
ME-CC	2021/22-4	Dry	5/19/2022 10:35:00 AM	6/1/2022 1:29:00 AM	4-Chlorophenyl phenyl ether	n/a	<	0.41	µg/L	EPA 625.1	0.41	1	WKL	
ME-CC	2021/22-4	Dry	5/19/2022 10:35:00 AM	6/1/2022 1:29:00 AM	4-Nitrophenol	n/a	<	1.2	µg/L	EPA 625.1	1.2	5	WKL	
ME-CC	2021/22-4	Dry	5/19/2022 10:35:00 AM	6/24/2022 6:52:00 AM	4-Nitrophenol	n/a	<	1	µg/L	EPA 8270C	1	2	WKL	
ME-CC	2021/22-4	Dry	5/19/2022 10:35:00 AM	6/1/2022 1:29:00 AM	Acenaphthene	n/a	<	0.38	µg/L	EPA 625.1	0.38	1	WKL	
ME-CC	2021/22-4	Dry	5/19/2022 10:35:00 AM	6/25/2022 10:49:00 AM	Acenaphthene	n/a	<	0.028	µg/L	EPA 8270C	0.028	0.1	WKL	
ME-CC	2021/22-4	Dry	5/19/2022 10:35:00 AM	6/1/2022 1:29:00 AM	Acenaphthylene	n/a	<	0.35	µg/L	EPA 625.1	0.35	1	WKL	
ME-CC	2021/22-4	Dry	5/19/2022 10:35:00 AM	6/25/2022 10:49:00 AM	Acenaphthylene	n/a	<	0.033	µg/L	EPA 8270C	0.033	0.1	WKL	
ME-CC	2021/22-4	Dry	5/19/2022 10:35:00 AM	6/1/2022 1:29:00 AM	Anthracene	n/a	<	0.41	µg/L	EPA 625.1	0.41	1	WKL	
ME-CC	2021/22-4	Dry	5/19/2022 10:35:00 AM	6/25/2022 10:49:00 AM	Anthracene	n/a	<	0.025	µg/L	EPA 8270C	0.025	0.1	WKL	
ME-CC	2021/22-4	Dry	5/19/2022 10:35:00 AM	6/1/2022 1:29:00 AM	Benz(a)anthracene	n/a	<	0.19	µg/L	EPA 625.1	0.19	1	WKL	
ME-CC	2021/22-4	Dry	5/19/2022 10:35:00 AM	6/25/2022 10:49:00 AM	Benz(a)anthracene	n/a	<	0.051	µg/L	EPA 8270C	0.051	0.1	WKL	
ME-CC	2021/22-4	Dry	5/19/2022 10:35:00 AM	6/1/2022 1:29:00 AM	Benzidine	n/a	<	3.2	µg/L	EPA 625.1	3.2	10	WKL	
ME-CC	2021/22-4	Dry	5/19/2022 10:35:00 AM	6/2/2022 10:02:00 PM	Benzo(a)pyrene	n/a	<	0.02	µg/L	EPA 525.2	0.02	0.1	WKL	
ME-CC	2021/22-4	Dry	5/19/2022 10:35:00 AM	6/1/2022 1:29:00 AM	Benzo(a)pyrene	n/a	<	0.39	µg/L	EPA 625.1	0.39	1	WKL	
ME-CC	2021/22-4	Dry	5/19/2022 10:35:00 AM	6/25/2022 10:49:00 AM	Benzo(a)pyrene	n/a	<	0.051	µg/L	EPA 8270C	0.051	0.1	WKL	
ME-CC	2021/22-4	Dry	5/19/2022 10:35:00 AM	6/1/2022 1:29:00 AM	Benzo(b)fluoranthene	n/a	<	0.46	µg/L	EPA 625.1	0.46	1	WKL	
ME-CC	2021/22-4	Dry	5/19/2022 10:35:00 AM	6/25/2022 10:49:00 AM	Benzo(b)fluoranthene	n/a	<	0.074	µg/L	EPA 8270C	0.074	0.1	WKL	
ME-CC	2021/22-4	Dry	5/19/2022 10:35:00 AM	6/25/2022 10:49:00 AM	Benzo(g,h,i)perylene	n/a	<	0.05	µg/L	EPA 8270C	0.05	0.1	WKL	
ME-CC	2021/22-4	Dry	5/19/2022 10:35:00 AM	6/1/2022 1:29:00 AM	Benzo(g,h,i)perylene	n/a	<	0.42	µg/L	EPA 625.1	0.42	2	WKL	
ME-CC	2021/22-4	Dry	5/19/2022 10:35:00 AM	6/1/2022 1:29:00 AM	Benzo(k)fluoranthene	n/a	<	0.22	µg/L	EPA 625.1	0.22	1	WKL	
ME-CC	2021/22-4	Dry	5/19/2022 10:35:00 AM	6/25/2022 10:49:00 AM	Benzo(k)fluoranthene	n/a	<	0.026	µg/L	EPA 8270C	0.026	0.1	WKL	
ME-CC	2021/22-4	Dry	5/19/2022 10:35:00 AM	6/1/2022 1:29:00 AM	Bis(2-chloroethoxy)methane	n/a	<	0.25	µg/L	EPA 625.1	0.25	1	WKL	
ME-CC	2021/22-4	Dry	5/19/2022 10:35:00 AM	6/1/2022 1:29:00 AM	Bis(2-chloroethyl)ether	n/a	<	0.27	µg/L	EPA 625.1	0.27	1	WKL	
ME-CC	2021/22-4	Dry	5/19/2022 10:35:00 AM	6/1/2022 1:29:00 AM	Bis(2-chloroisopropyl)ether	n/a	<	0.38	µg/L	EPA 625.1	0.38	1	WKL	
ME-CC	2021/22-4	Dry	5/19/2022 10:35:00 AM	6/2/2022 10:02:00 PM	Bis(2-ethylhexyl)adipate	n/a	<	0.42	µg/L	EPA 525.2	0.42	5	WKL	
ME-CC	2021/22-4	Dry	5/19/2022 10:35:00 AM	6/2/2022 10:02:00 PM	Bis(2-ethylhexyl)phthalate	n/a	<	0.41	µg/L	EPA 525.2	0.41	3	WKL	
ME-CC	2021/22-4	Dry	5/19/2022 10:35:00 AM	6/1/2022 1:29:00 AM	Bis(2-ethylhexyl)phthalate	n/a	<	2.3	µg/L	EPA 625.1	2.3	5	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
ME-CC	2021/22-4	Dry	5/19/2022 10:35:00 AM	6/1/2022 1:29:00 AM	Butyl benzyl phthalate	n/a	DNQ	0.73	µg/L	EPA 625.1	0.49	1	WKL	
ME-CC	2021/22-4	Dry	5/19/2022 10:35:00 AM	6/1/2022 1:29:00 AM	Chrysene	n/a	<	0.19	µg/L	EPA 625.1	0.19	1	WKL	
ME-CC	2021/22-4	Dry	5/19/2022 10:35:00 AM	6/25/2022 10:49:00 AM	Chrysene	n/a	<	0.074	µg/L	EPA 8270C	0.074	0.1	WKL	
ME-CC	2021/22-4	Dry	5/19/2022 10:35:00 AM	6/1/2022 1:29:00 AM	Dibenz(a,h)anthracene	n/a	<	0.15	µg/L	EPA 625.1	0.15	2	WKL	
ME-CC	2021/22-4	Dry	5/19/2022 10:35:00 AM	6/25/2022 10:49:00 AM	Dibenz(a,h)anthracene	n/a	<	0.036	µg/L	EPA 8270C	0.036	0.1	WKL	
ME-CC	2021/22-4	Dry	5/19/2022 10:35:00 AM	6/1/2022 1:29:00 AM	Diethyl phthalate	n/a	=	6.1	µg/L	EPA 625.1	0.35	1	WKL	
ME-CC	2021/22-4	Dry	5/19/2022 10:35:00 AM	6/1/2022 1:29:00 AM	Dimethyl phthalate	n/a	DNQ	0.98	µg/L	EPA 625.1	0.18	1	WKL	
ME-CC	2021/22-4	Dry	5/19/2022 10:35:00 AM	6/1/2022 1:29:00 AM	Di-n-butylphthalate	n/a	DNQ	0.46	µg/L	EPA 625.1	0.34	1	WKL	
ME-CC	2021/22-4	Dry	5/19/2022 10:35:00 AM	6/1/2022 1:29:00 AM	Di-n-octylphthalate	n/a	<	0.46	µg/L	EPA 625.1	0.46	1	WKL	
ME-CC	2021/22-4	Dry	5/19/2022 10:35:00 AM	6/1/2022 1:29:00 AM	Fluoranthene	n/a	<	0.35	µg/L	EPA 625.1	0.35	1	WKL	
ME-CC	2021/22-4	Dry	5/19/2022 10:35:00 AM	6/25/2022 10:49:00 AM	Fluoranthene	n/a	<	0.039	µg/L	EPA 8270C	0.039	0.1	WKL	
ME-CC	2021/22-4	Dry	5/19/2022 10:35:00 AM	6/1/2022 1:29:00 AM	Fluorene	n/a	<	0.35	µg/L	EPA 625.1	0.35	1	WKL	
ME-CC	2021/22-4	Dry	5/19/2022 10:35:00 AM	6/25/2022 10:49:00 AM	Fluorene	n/a	<	0.029	µg/L	EPA 8270C	0.029	0.1	WKL	
ME-CC	2021/22-4	Dry	5/19/2022 10:35:00 AM	6/1/2022 1:29:00 AM	Hexachlorobenzene	n/a	<	0.49	µg/L	EPA 625.1	0.49	1	WKL	
ME-CC	2021/22-4	Dry	5/19/2022 10:35:00 AM	6/1/2022 1:29:00 AM	Hexachlorobutadiene	n/a	<	0.47	µg/L	EPA 625.1	0.47	1	WKL	
ME-CC	2021/22-4	Dry	5/19/2022 10:35:00 AM	6/2/2022 10:02:00 PM	Hexachlorocyclopentadiene	n/a	<	0.092	µg/L	EPA 525.2	0.092	1	WKL	
ME-CC	2021/22-4	Dry	5/19/2022 10:35:00 AM	6/1/2022 1:29:00 AM	Hexachlorocyclopentadiene	n/a	<	0.31	µg/L	EPA 625.1	0.31	5	WKL	
ME-CC	2021/22-4	Dry	5/19/2022 10:35:00 AM	6/1/2022 1:29:00 AM	Hexachloroethane	n/a	<	0.5	µg/L	EPA 625.1	0.5	1	WKL	
ME-CC	2021/22-4	Dry	5/19/2022 10:35:00 AM	6/25/2022 10:49:00 AM	Indeno(1,2,3-cd)pyrene	n/a	<	0.065	µg/L	EPA 8270C	0.065	0.1	WKL	
ME-CC	2021/22-4	Dry	5/19/2022 10:35:00 AM	6/1/2022 1:29:00 AM	Indeno(1,2,3-cd)pyrene	n/a	<	0.25	µg/L	EPA 625.1	0.25	2	WKL	
ME-CC	2021/22-4	Dry	5/19/2022 10:35:00 AM	6/1/2022 1:29:00 AM	Isophorone	n/a	<	0.21	µg/L	EPA 625.1	0.21	1	WKL	
ME-CC	2021/22-4	Dry	5/19/2022 10:35:00 AM	6/1/2022 1:29:00 AM	Naphthalene	n/a	<	0.49	µg/L	EPA 625.1	0.49	1	WKL	
ME-CC	2021/22-4	Dry	5/19/2022 10:35:00 AM	6/25/2022 10:49:00 AM	Naphthalene	n/a	<	0.026	µg/L	EPA 8270C	0.026	0.1	WKL	
ME-CC	2021/22-4	Dry	5/19/2022 10:35:00 AM	6/1/2022 1:29:00 AM	Nitrobenzene	n/a	<	0.36	µg/L	EPA 625.1	0.36	1	WKL	
ME-CC	2021/22-4	Dry	5/19/2022 10:35:00 AM	6/1/2022 1:29:00 AM	N-Nitrosodimethylamine	n/a	<	0.5	µg/L	EPA 625.1	0.5	1	WKL	
ME-CC	2021/22-4	Dry	5/19/2022 10:35:00 AM	6/1/2022 1:29:00 AM	N-Nitrosodi-N-propylamine	n/a	<	0.26	µg/L	EPA 625.1	0.26	1	WKL	
ME-CC	2021/22-4	Dry	5/19/2022 10:35:00 AM	6/1/2022 1:29:00 AM	N-Nitrosodiphenylamine	n/a	<	0.19	µg/L	EPA 625.1	0.19	1	WKL	
ME-CC	2021/22-4	Dry	5/19/2022 10:35:00 AM	6/1/2022 1:29:00 AM	Phenanthrene	n/a	<	0.32	µg/L	EPA 625.1	0.32	1	WKL	
ME-CC	2021/22-4	Dry	5/19/2022 10:35:00 AM	6/25/2022 10:49:00 AM	Phenanthrene	n/a	DNQ	0.04	µg/L	EPA 8270C	0.029	0.1	WKL	
ME-CC	2021/22-4	Dry	5/19/2022 10:35:00 AM	6/1/2022 1:29:00 AM	Phenol	n/a	<	0.81	µg/L	EPA 625.1	0.81	1	WKL	
ME-CC	2021/22-4	Dry	5/19/2022 10:35:00 AM	6/24/2022 6:52:00 AM	Phenol	n/a	<	0.35	µg/L	EPA 8270C	0.35	1	WKL	
ME-CC	2021/22-4	Dry	5/19/2022 10:35:00 AM	6/25/2022 10:49:00 AM	Pyrene	n/a	<	0.04	µg/L	EPA 8270C	0.04	0.1	WKL	
ME-CC	2021/22-4	Dry	5/19/2022 10:35:00 AM	6/1/2022 1:29:00 AM	Pyrene	n/a	<	0.25	µg/L	EPA 625.1	0.25	1	WKL	
ME-CC	2021/22-4	Dry	5/19/2022 10:35:00 AM	5/27/2022 5:58:00 AM	PCB Aroclor 1016	n/a	<	0.29	µg/L	EPA 608.3	0.29	5	WKL	
ME-CC	2021/22-4	Dry	5/19/2022 10:35:00 AM	5/27/2022 5:58:00 AM	PCB Aroclor 1221	n/a	<	0.6	µg/L	EPA 608.3	0.6	5	WKL	
ME-CC	2021/22-4	Dry	5/19/2022 10:35:00 AM	5/27/2022 5:58:00 AM	PCB Aroclor 1232	n/a	<	1	µg/L	EPA 608.3	1	5	WKL	
ME-CC	2021/22-4	Dry	5/19/2022 10:35:00 AM	5/27/2022 5:58:00 AM	PCB Aroclor 1242	n/a	<	0.7	µg/L	EPA 608.3	0.7	5	WKL	
ME-CC	2021/22-4	Dry	5/19/2022 10:35:00 AM	5/27/2022 5:58:00 AM	PCB Aroclor 1248	n/a	<	0.6	µg/L	EPA 608.3	0.6	5	WKL	
ME-CC	2021/22-4	Dry	5/19/2022 10:35:00 AM	5/27/2022 5:58:00 AM	PCB Aroclor 1254	n/a	<	0.4	µg/L	EPA 608.3	0.4	5	WKL	
ME-CC	2021/22-4	Dry	5/19/2022 10:35:00 AM	5/27/2022 5:58:00 AM	PCB Aroclor 1260	n/a	<	0.55	µg/L	EPA 608.3	0.55	5	WKL	
ME-CC	2021/22-4	Dry	5/19/2022 10:35:00 AM	5/28/2022 10:43:00 PM	2,4,5-T	n/a	<	0.03	µg/L	EPA 515.4	0.03	0.2	WKL	
ME-CC	2021/22-4	Dry	5/19/2022 10:35:00 AM	5/28/2022 10:43:00 PM	2,4,5-TP	n/a	<	0.026	µg/L	EPA 515.4	0.026	0.2	WKL	
ME-CC	2021/22-4	Dry	5/19/2022 10:35:00 AM	5/28/2022 10:43:00 PM	2,4-D	n/a	<	0.14	µg/L	EPA 515.4	0.14	0.4	WKL	
ME-CC	2021/22-4	Dry	5/19/2022 10:35:00 AM	5/28/2022 10:43:00 PM	2,4-DB	n/a	<	0.19	µg/L	EPA 515.4	0.19	2	WKL	
ME-CC	2021/22-4	Dry	5/19/2022 10:35:00 AM	5/28/2022 10:43:00 PM	3,5-Dichlorobenzoic acid	n/a	<	0.12	µg/L	EPA 515.4	0.12	1	WKL	
ME-CC	2021/22-4	Dry	5/19/2022 10:35:00 AM	5/27/2022 5:58:00 AM	4,4'-DDD	n/a	<	0.007	µg/L	EPA 608.3	0.007	0.5	WKL	
ME-CC	2021/22-4	Dry	5/19/2022 10:35:00 AM	5/27/2022 5:58:00 AM	4,4'-DDE	n/a	<	0.007	µg/L	EPA 608.3	0.007	0.5	WKL	
ME-CC	2021/22-4	Dry	5/19/2022 10:35:00 AM	5/27/2022 5:58:00 AM	4,4'-DDT	n/a	<	0.011	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
ME-CC	2021/22-4	Dry	5/19/2022 10:35:00 AM	5/28/2022 10:43:00 PM	Acifluorfen	n/a	<	0.03	µg/L	EPA 515.4	0.03	0.4	WKL	
ME-CC	2021/22-4	Dry	5/19/2022 10:35:00 AM	6/2/2022 10:02:00 PM	Alachlor	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1	WKL	
ME-CC	2021/22-4	Dry	5/19/2022 10:35:00 AM	5/27/2022 5:58:00 AM	Aldrin	n/a	<	0.01	µg/L	EPA 608.3	0.01	0.05	WKL	
ME-CC	2021/22-4	Dry	5/19/2022 10:35:00 AM	5/27/2022 5:58:00 AM	alpha-BHC	n/a	<	0.011	µg/L	EPA 608.3	0.011	0.1	WKL	
ME-CC	2021/22-4	Dry	5/19/2022 10:35:00 AM	7/29/2022 3:33:00 AM	alpha-Chlordane	n/a	<	0.0058	µg/L	EPA 608.3	0.0058	0.02	WKL	EST-HT
ME-CC	2021/22-4	Dry	5/19/2022 10:35:00 AM	6/2/2022 10:02:00 PM	Atrazine	n/a	<	0.011	µg/L	EPA 525.2	0.011	0.1	WKL	
ME-CC	2021/22-4	Dry	5/19/2022 10:35:00 AM	6/2/2022 2:39:00 AM	Azinphos methyl	n/a	<	0.0053	µg/L	EPA 625.1m	0.0053	0.01	WKL	
ME-CC	2021/22-4	Dry	5/19/2022 10:35:00 AM	5/28/2022 10:43:00 PM	Bentazon	n/a	<	0.23	µg/L	EPA 515.4	0.23	2	WKL	
ME-CC	2021/22-4	Dry	5/19/2022 10:35:00 AM	5/27/2022 5:58:00 AM	beta-BHC	n/a	<	0.015	µg/L	EPA 608.3	0.015	0.05	WKL	
ME-CC	2021/22-4	Dry	5/19/2022 10:35:00 AM	6/2/2022 2:39:00 AM	Bolstar	n/a	<	0.0027	µg/L	EPA 625.1m	0.0027	0.01	WKL	
ME-CC	2021/22-4	Dry	5/19/2022 10:35:00 AM	6/2/2022 10:02:00 PM	Bromacil	n/a	<	0.07	µg/L	EPA 525.2	0.07	0.5	WKL	
ME-CC	2021/22-4	Dry	5/19/2022 10:35:00 AM	6/2/2022 10:02:00 PM	Butachlor	n/a	<	0.012	µg/L	EPA 525.2	0.012	0.1	WKL	
ME-CC	2021/22-4	Dry	5/19/2022 10:35:00 AM	6/2/2022 10:02:00 PM	Captan	n/a	<	0.32	µg/L	EPA 525.2	0.32	1	WKL	
ME-CC	2021/22-4	Dry	5/19/2022 10:35:00 AM	5/27/2022 5:58:00 AM	Chlordane (technical)	n/a	<	0.43	µg/L	EPA 608.3	0.43	1	WKL	
ME-CC	2021/22-4	Dry	5/19/2022 10:35:00 AM	6/2/2022 10:02:00 PM	Chlorpropham	n/a	<	0.04	µg/L	EPA 525.2	0.04	0.1	WKL	
ME-CC	2021/22-4	Dry	5/19/2022 10:35:00 AM	6/2/2022 2:39:00 AM	Chlorpyrifos	n/a	<	0.0013	µg/L	EPA 625.1m	0.0013	0.01	WKL	
ME-CC	2021/22-4	Dry	5/19/2022 10:35:00 AM	6/2/2022 2:39:00 AM	Coumaphos	n/a	<	0.0055	µg/L	EPA 625.1m	0.0055	0.01	WKL	
ME-CC	2021/22-4	Dry	5/19/2022 10:35:00 AM	5/28/2022 10:43:00 PM	Dalapon	n/a	<	0.11	µg/L	EPA 515.4	0.11	0.4	WKL	
ME-CC	2021/22-4	Dry	5/19/2022 10:35:00 AM	5/28/2022 10:43:00 PM	DCPA (Dacthal)	n/a	=	0.98	µg/L	EPA 515.4	0.029	0.1	WKL	
ME-CC	2021/22-4	Dry	5/19/2022 10:35:00 AM	5/27/2022 5:58:00 AM	delta-BHC	n/a	<	0.019	µg/L	EPA 608.3	0.019	0.05	WKL	
ME-CC	2021/22-4	Dry	5/19/2022 10:35:00 AM	6/2/2022 2:39:00 AM	Demeton-O	n/a	<	0.0019	µg/L	EPA 625.1m	0.0019	0.01	WKL	
ME-CC	2021/22-4	Dry	5/19/2022 10:35:00 AM	6/2/2022 2:39:00 AM	Demeton-S	n/a	<	0.0014	µg/L	EPA 625.1m	0.0014	0.01	WKL	LB-LCSR
ME-CC	2021/22-4	Dry	5/19/2022 10:35:00 AM	6/2/2022 10:02:00 PM	Diazinon	n/a	<	0.022	µg/L	EPA 525.2	0.022	0.1	WKL	
ME-CC	2021/22-4	Dry	5/19/2022 10:35:00 AM	6/2/2022 2:39:00 AM	Diazinon	n/a	<	0.001	µg/L	EPA 625.1m	0.001	0.01	WKL	LB-LCSR
ME-CC	2021/22-4	Dry	5/19/2022 10:35:00 AM	5/28/2022 10:43:00 PM	Dicamba	n/a	<	0.049	µg/L	EPA 515.4	0.049	0.6	WKL	
ME-CC	2021/22-4	Dry	5/19/2022 10:35:00 AM	5/28/2022 10:43:00 PM	Dichlorprop	n/a	<	0.12	µg/L	EPA 515.4	0.12	0.3	WKL	
ME-CC	2021/22-4	Dry	5/19/2022 10:35:00 AM	6/2/2022 2:39:00 AM	Dichlorvos	n/a	<	0.0009	µg/L	EPA 625.1m	0.0009	0.01	WKL	
ME-CC	2021/22-4	Dry	5/19/2022 10:35:00 AM	5/27/2022 5:58:00 AM	Dieldrin	n/a	<	0.008	µg/L	EPA 608.3	0.008	0.1	WKL	
ME-CC	2021/22-4	Dry	5/19/2022 10:35:00 AM	6/2/2022 2:39:00 AM	Dimethoate	n/a	<	0.0027	µg/L	EPA 625.1m	0.0027	0.01	WKL	
ME-CC	2021/22-4	Dry	5/19/2022 10:35:00 AM	6/2/2022 10:02:00 PM	Dimethoate	n/a	<	0.02	µg/L	EPA 525.2	0.02	0.2	WKL	
ME-CC	2021/22-4	Dry	5/19/2022 10:35:00 AM	5/28/2022 10:43:00 PM	Dinoseb	n/a	<	0.033	µg/L	EPA 515.4	0.033	0.4	WKL	
ME-CC	2021/22-4	Dry	5/19/2022 10:35:00 AM	6/2/2022 10:02:00 PM	Diphenamid	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1	WKL	
ME-CC	2021/22-4	Dry	5/19/2022 10:35:00 AM	6/2/2022 10:02:00 PM	Disulfoton	n/a	<	0.015	µg/L	EPA 525.2	0.015	0.1	WKL	
ME-CC	2021/22-4	Dry	5/19/2022 10:35:00 AM	6/2/2022 2:39:00 AM	Disulfoton	n/a	<	0.0017	µg/L	EPA 625.1m	0.0017	0.01	WKL	
ME-CC	2021/22-4	Dry	5/19/2022 10:35:00 AM	5/27/2022 5:58:00 AM	Endosulfan I	n/a	<	0.009	µg/L	EPA 608.3	0.009	0.2	WKL	
ME-CC	2021/22-4	Dry	5/19/2022 10:35:00 AM	5/27/2022 5:58:00 AM	Endosulfan II	n/a	<	0.007	µg/L	EPA 608.3	0.007	0.1	WKL	
ME-CC	2021/22-4	Dry	5/19/2022 10:35:00 AM	5/27/2022 5:58:00 AM	Endosulfan sulfate	n/a	<	0.013	µg/L	EPA 608.3	0.013	0.5	WKL	
ME-CC	2021/22-4	Dry	5/19/2022 10:35:00 AM	5/27/2022 5:58:00 AM	Endrin	n/a	<	0.017	µg/L	EPA 608.3	0.017	0.1	WKL	
ME-CC	2021/22-4	Dry	5/19/2022 10:35:00 AM	5/27/2022 5:58:00 AM	Endrin aldehyde	n/a	<	0.019	µg/L	EPA 608.3	0.019	0.1	WKL	
ME-CC	2021/22-4	Dry	5/19/2022 10:35:00 AM	6/2/2022 10:02:00 PM	EPTC	n/a	<	0.02	µg/L	EPA 525.2	0.02	0.1	WKL	
ME-CC	2021/22-4	Dry	5/19/2022 10:35:00 AM	6/2/2022 2:39:00 AM	Ethoprop	n/a	<	0.0006	µg/L	EPA 625.1m	0.0006	0.01	WKL	
ME-CC	2021/22-4	Dry	5/19/2022 10:35:00 AM	6/2/2022 2:39:00 AM	Ethyl parathion	n/a	<	0.0022	µg/L	EPA 625.1m	0.0022	0.01	WKL	
ME-CC	2021/22-4	Dry	5/19/2022 10:35:00 AM	6/2/2022 2:39:00 AM	Fensulfathion	n/a	<	0.0029	µg/L	EPA 625.1m	0.0029	0.01	WKL	
ME-CC	2021/22-4	Dry	5/19/2022 10:35:00 AM	6/2/2022 2:39:00 AM	Fenthion	n/a	<	0.0021	µg/L	EPA 625.1m	0.0021	0.01	WKL	
ME-CC	2021/22-4	Dry	5/19/2022 10:35:00 AM	5/27/2022 5:58:00 AM	gamma-BHC (Lindane)	n/a	<	0.004	µg/L	EPA 608.3	0.004	0.2	WKL	
ME-CC	2021/22-4	Dry	5/19/2022 10:35:00 AM	7/29/2022 3:33:00 AM	gamma-Chlordane	n/a	<	0.0046	µg/L	EPA 608.3	0.0046	0.02	WKL	EST-HT
ME-CC	2021/22-4	Dry	5/19/2022 10:35:00 AM	5/24/2022 7:26:00 PM	Glyphosate	n/a	<	1.8	µg/L	EPA 547	1.8	5	WKL	
ME-CC	2021/22-4	Dry	5/19/2022 10:35:00 AM	5/27/2022 5:58:00 AM	Heptachlor	n/a	<	0.006	µg/L	EPA 608.3	0.006	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	2021/22-4	Dry	5/19/2022 10:35:00 AM	5/27/2022 5:58:00 AM	Heptachlor epoxide	n/a	<	0.004	µg/L	EPA 608.3	0.004	0.1	WKL	
ME-CC	2021/22-4	Dry	5/19/2022 10:35:00 AM	6/2/2022 2:39:00 AM	Malathion	n/a	DNQ	0.0039	µg/L	EPA 625.1m	0.0021	0.01	WKL	
ME-CC	2021/22-4	Dry	5/19/2022 10:35:00 AM	6/2/2022 2:39:00 AM	Merphos	n/a	<	0.0055	µg/L	EPA 625.1m	0.0055	0.01	WKL	
ME-CC	2021/22-4	Dry	5/19/2022 10:35:00 AM	6/2/2022 2:39:00 AM	Methyl parathion	n/a	<	0.0013	µg/L	EPA 625.1m	0.0013	0.01	WKL	
ME-CC	2021/22-4	Dry	5/19/2022 10:35:00 AM	6/2/2022 10:02:00 PM	Metolachlor	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1	WKL	
ME-CC	2021/22-4	Dry	5/19/2022 10:35:00 AM	6/2/2022 10:02:00 PM	Metribuzin	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1	WKL	
ME-CC	2021/22-4	Dry	5/19/2022 10:35:00 AM	6/2/2022 2:39:00 AM	Mevinphos	n/a	<	0.0013	µg/L	EPA 625.1m	0.0013	0.01	WKL	
ME-CC	2021/22-4	Dry	5/19/2022 10:35:00 AM	6/2/2022 10:02:00 PM	Molinate	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1	WKL	
ME-CC	2021/22-4	Dry	5/19/2022 10:35:00 AM	6/2/2022 2:39:00 AM	Naled	n/a	<	0.0007	µg/L	EPA 625.1m	0.0007	0.01	WKL	
ME-CC	2021/22-4	Dry	5/19/2022 10:35:00 AM	6/24/2022 6:52:00 AM	Pentachlorophenol	n/a	<	0.15	µg/L	EPA 8270C	0.15	1	WKL	
ME-CC	2021/22-4	Dry	5/19/2022 10:35:00 AM	6/1/2022 1:29:00 AM	Pentachlorophenol	n/a	<	0.4	µg/L	EPA 625.1	0.4	1	WKL	
ME-CC	2021/22-4	Dry	5/19/2022 10:35:00 AM	5/28/2022 10:43:00 PM	Pentachlorophenol	n/a	<	0.046	µg/L	EPA 515.4	0.046	0.2	WKL	
ME-CC	2021/22-4	Dry	5/19/2022 10:35:00 AM	6/2/2022 2:39:00 AM	Phorate	n/a	<	0.0014	µg/L	EPA 625.1m	0.0014	0.01	WKL	
ME-CC	2021/22-4	Dry	5/19/2022 10:35:00 AM	5/28/2022 10:43:00 AM	Picloram	n/a	<	0.05	µg/L	EPA 515.4	0.05	0.6	WKL	
ME-CC	2021/22-4	Dry	5/19/2022 10:35:00 AM	6/2/2022 10:02:00 PM	Prometryn	n/a	=	0.19	µg/L	EPA 525.2	0.03	0.1	WKL	
ME-CC	2021/22-4	Dry	5/19/2022 10:35:00 AM	6/2/2022 2:39:00 AM	Ronnel (Fenchlorphos)	n/a	<	0.0014	µg/L	EPA 625.1m	0.0014	0.01	WKL	
ME-CC	2021/22-4	Dry	5/19/2022 10:35:00 AM	6/2/2022 10:02:00 PM	Simazine	n/a	<	0.02	µg/L	EPA 525.2	0.02	0.1	WKL	
ME-CC	2021/22-4	Dry	5/19/2022 10:35:00 AM	6/2/2022 2:39:00 AM	Stirophos (Tetrachlorvinphos)	n/a	<	0.0024	µg/L	EPA 625.1m	0.0024	0.01	WKL	
ME-CC	2021/22-4	Dry	5/19/2022 10:35:00 AM	6/2/2022 10:02:00 PM	Terbacil	n/a	<	0.09	µg/L	EPA 525.2	0.09	2	WKL	
ME-CC	2021/22-4	Dry	5/19/2022 10:35:00 AM	6/2/2022 10:02:00 PM	Thiobencarb	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1	WKL	
ME-CC	2021/22-4	Dry	5/19/2022 10:35:00 AM	6/2/2022 2:39:00 AM	Tokuthion	n/a	<	0.0022	µg/L	EPA 625.1m	0.0022	0.01	WKL	
ME-CC	2021/22-4	Dry	5/19/2022 10:35:00 AM	5/27/2022 5:58:00 AM	Toxaphene	n/a	<	0.85	µg/L	EPA 608.3	0.85	5	WKL	
ME-CC	2021/22-4	Dry	5/19/2022 10:35:00 AM	6/2/2022 2:39:00 AM	Trichloronate	n/a	<	0.0016	µg/L	EPA 625.1m	0.0016	0.01	WKL	
ME-CC	2021/22-4	Dry	5/19/2022 10:35:00 AM	6/2/2022 10:02:00 PM	Trithion	n/a	<	0.02	µg/L	EPA 525.2	0.02	0.1	WKL	
ME-SCR	2021/22-1	Wet	10/25/2021 3:45:00 PM	10/26/2021 1:22:00 PM	E. Coli	n/a	=	10	MPN/100 mL	MMO-MUG	10	10	FGL	
ME-SCR	2021/22-1	Wet	10/25/2021 3:45:00 PM	10/26/2021 1:22:00 PM	Total Coliform	n/a	=	24196	MPN/100 mL	MMO-MUG	10	10	FGL	
ME-SCR	2021/22-1	Wet	10/25/2021 3:45:00 PM	10/25/2021 3:45:00 PM	Conductivity	n/a	=	2399	µmhos/cm	Field Meter	-88	1	Field Crew	
ME-SCR	2021/22-1	Wet	10/25/2021 3:45:00 PM	10/28/2021 3:17:00 PM	Cyanide	Total	<	0.0012	mg/L	ASTM D7511	0.0012	0.002	WKL	
ME-SCR	2021/22-1	Wet	10/25/2021 3:45:00 PM	10/25/2021 3:45:00 PM	DO	n/a	=	4.14	mg/L	Field Meter	-88	0.3	Field Crew	
ME-SCR	2021/22-1	Wet	10/25/2021 3:45:00 PM	10/25/2021 3:45:00 PM	DO	n/a	=	57.1	%	Field Meter	-88	0.1	Field Crew	
ME-SCR	2021/22-1	Wet	10/25/2021 3:45:00 PM	10/25/2021 3:45:00 PM	pH	n/a	=	7.06	pH Units	Field Meter	-88	0.01	Field Crew	
ME-SCR	2021/22-1	Wet	10/25/2021 3:45:00 PM	10/25/2021 3:45:00 PM	Salinity	n/a	=	1400	mg/L	Field Meter	-88	100	Field Crew	
ME-SCR	2021/22-1	Wet	10/25/2021 3:45:00 PM	10/25/2021 3:45:00 PM	Specific Conductance	n/a	=	2718	µmhos/cm	Field Meter	-88	1	Field Crew	
ME-SCR	2021/22-1	Wet	10/25/2021 3:45:00 PM	10/25/2021 3:45:00 PM	Temperature	n/a	=	18.8	°C	Field Meter	-88	0.1	Field Crew	
ME-SCR	2021/22-1	Wet	10/25/2021 3:45:00 PM	10/29/2021 3:01:00 PM	Gasoline Range Organics	n/a	<	0.065	mg/L	EPA 8260B	0.065	0.1	WKL	
ME-SCR	2021/22-1	Wet	10/25/2021 3:45:00 PM	11/15/2021 5:14:00 PM	Oil and Grease	n/a	DNQ	1.8	mg/L	EPA 1664B	1.3	5	WKL	
ME-SCR	2021/22-1	Wet	10/25/2021 3:45:00 PM	10/28/2021 4:23:00 PM	2-Chloroethyl vinyl ether	n/a	<	0.19	µg/L	EPA 624.1	0.19	1	WKL	
ME-SCR	2021/22-1	Wet	10/25/2021 3:45:00 PM	10/28/2021 4:23:00 PM	Methyl tert-butyl ether (MTBE)	n/a	<	0.4	µg/L	EPA 624.1	0.4	1	WKL	
ME-SCR	2021/22-1	Wet	10/26/2021 8:25:00 AM	11/13/2021 4:42:00 AM	Chloride	n/a	=	180	mg/L	EPA 300.0	0.38	1	WKL	
ME-SCR	2021/22-1	Wet	10/26/2021 8:25:00 AM	11/13/2021 4:42:00 AM	Fluoride	n/a	=	0.44	mg/L	EPA 300.0	0.018	0.2	WKL	
ME-SCR	2021/22-1	Wet	10/26/2021 8:25:00 AM	10/30/2021 9:42:00 PM	Perchlorate	n/a	<	2	µg/L	EPA 314.0	2	10	WKL	
ME-SCR	2021/22-1	Wet	10/26/2021 8:25:00 AM	11/17/2021 5:34:00 PM	Calcium	Total	=	256	mg/L	EPA 200.7	0.16	0.5	WKL	
ME-SCR	2021/22-1	Wet	10/26/2021 8:25:00 AM	11/17/2021 5:34:00 PM	Magnesium	Total	=	104	mg/L	EPA 200.7	0.039	0.5	WKL	
ME-SCR	2021/22-1	Wet	10/26/2021 8:25:00 AM	10/29/2021 5:26:00 PM	Alkalinity as CaCO3	n/a	=	320	mg/L	SM 2320 B	2.3	5	WKL	
ME-SCR	2021/22-1	Wet	10/26/2021 8:25:00 AM	11/1/2021 5:56:00 PM	BOD	n/a	=	15	mg/L	SM 5210 B	2	2	WKL	
ME-SCR	2021/22-1	Wet	10/26/2021 8:25:00 AM	11/10/2021 11:20:00 AM	COD	n/a	=	49	mg/L	EPA 410.4	2.9	5	WKL	
ME-SCR	2021/22-1	Wet	10/26/2021 8:25:00 AM	11/17/2021 5:34:00 PM	Hardness as CaCO3	Total	=	1060	mg/L	EPA 200.7	0.56	3.31	WKL	
ME-SCR	2021/22-1	Wet	10/26/2021 8:25:00 AM	10/27/2021 7:15:00 PM	MBAS	n/a	DNQ	0.041	mg/L	SM 5540 C	0.013	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-SCR	2021/22-1	Wet	10/26/2021 8:25:00 AM	11/10/2021 2:08:00 PM	Phenolics	n/a	DNQ	0.0044	mg/L	EPA 420.4	0.0042	0.01	WKL	
ME-SCR	2021/22-1	Wet	10/26/2021 8:25:00 AM	10/30/2021 11:32:00 AM	Specific Conductance	n/a	=	2800	µmhos/cm	SM 2510 B	3.2	6	WKL	
ME-SCR	2021/22-1	Wet	10/26/2021 8:25:00 AM	10/31/2021 1:00:00 PM	Total Dissolved Solids	n/a	=	1900	mg/L	SM 2540 C	4	10	WKL	
ME-SCR	2021/22-1	Wet	10/26/2021 8:25:00 AM	11/4/2021 8:04:00 PM	Total Organic Carbon	n/a	=	5.3	mg/L	SM 5310 B	0.19	0.3	WKL	
ME-SCR	2021/22-1	Wet	10/26/2021 8:25:00 AM	10/28/2021 7:27:00 PM	Total Suspended Solids	n/a	=	2800	mg/L	SM 2540 D	-88	5	WKL	
ME-SCR	2021/22-1	Wet	10/26/2021 8:25:00 AM	10/27/2021 10:03:00 AM	Turbidity	n/a	=	11	NTU	EPA 180.1	0.017	0.1	WKL	
ME-SCR	2021/22-1	Wet	10/26/2021 8:25:00 AM	10/28/2021 7:07:00 PM	Volatile Suspended Solids	n/a	=	250	mg/L	EPA 160.4	3.1	5	WKL	
ME-SCR	2021/22-1	Wet	10/26/2021 8:25:00 AM	11/19/2021 2:47:00 AM	Diesel Range Organics	n/a	=	0.12	mg/L	EPA 8015B	0.072	0.1	WKL	EST-LCSRPD
ME-SCR	2021/22-1	Wet	10/26/2021 8:25:00 AM	11/19/2021 2:47:00 AM	Oil Range Organics	n/a	<	0.33	mg/L	EPA 8015B	0.33	0.5	WKL	
ME-SCR	2021/22-1	Wet	10/26/2021 8:25:00 AM	11/11/2021 6:12:00 PM	Aluminum	Dissolved	DNQ	4.8	µg/L	EPA 200.8	4.4	20	WKL	LB-MSR
ME-SCR	2021/22-1	Wet	10/26/2021 8:25:00 AM	11/11/2021 6:14:00 PM	Aluminum	Total	=	8000	µg/L	EPA 200.8	4.4	20	WKL	
ME-SCR	2021/22-1	Wet	10/26/2021 8:25:00 AM	11/11/2021 6:12:00 PM	Antimony	Dissolved	DNQ	0.11	µg/L	EPA 200.8	0.089	0.5	WKL	LB-MSR
ME-SCR	2021/22-1	Wet	10/26/2021 8:25:00 AM	11/11/2021 6:14:00 PM	Antimony	Total	DNQ	0.25	µg/L	EPA 200.8	0.089	0.5	WKL	
ME-SCR	2021/22-1	Wet	10/26/2021 8:25:00 AM	11/11/2021 6:12:00 PM	Arsenic	Dissolved	=	2	µg/L	EPA 200.8	0.074	0.4	WKL	
ME-SCR	2021/22-1	Wet	10/26/2021 8:25:00 AM	11/11/2021 6:14:00 PM	Arsenic	Total	=	5.8	µg/L	EPA 200.8	0.074	0.4	WKL	
ME-SCR	2021/22-1	Wet	10/26/2021 8:25:00 AM	11/11/2021 6:14:00 PM	Barium	Total	=	130	µg/L	EPA 200.8	0.14	1	WKL	
ME-SCR	2021/22-1	Wet	10/26/2021 8:25:00 AM	11/11/2021 6:12:00 PM	Beryllium	Dissolved	<	0.062	µg/L	EPA 200.8	0.062	0.1	WKL	
ME-SCR	2021/22-1	Wet	10/26/2021 8:25:00 AM	11/11/2021 6:14:00 PM	Beryllium	Total	=	0.53	µg/L	EPA 200.8	0.062	0.1	WKL	
ME-SCR	2021/22-1	Wet	10/26/2021 8:25:00 AM	11/11/2021 6:12:00 PM	Cadmium	Dissolved	<	0.042	µg/L	EPA 200.8	0.042	0.2	WKL	
ME-SCR	2021/22-1	Wet	10/26/2021 8:25:00 AM	11/11/2021 6:14:00 PM	Cadmium	Total	=	0.33	µg/L	EPA 200.8	0.042	0.2	WKL	
ME-SCR	2021/22-1	Wet	10/26/2021 8:25:00 AM	11/11/2021 6:12:00 PM	Chromium	Dissolved	<	0.089	µg/L	EPA 200.8	0.089	0.2	WKL	
ME-SCR	2021/22-1	Wet	10/26/2021 8:25:00 AM	11/11/2021 6:14:00 PM	Chromium	Total	=	16	µg/L	EPA 200.8	0.089	0.2	WKL	
ME-SCR	2021/22-1	Wet	10/26/2021 8:25:00 AM	11/2/2021 2:47:00 PM	Chromium VI	n/a	<	0.0079	µg/L	EPA 218.6	0.0079	0.02	WKL	
ME-SCR	2021/22-1	Wet	10/26/2021 8:25:00 AM	11/11/2021 6:12:00 PM	Copper	Dissolved	=	0.92	µg/L	EPA 200.8	0.23	0.5	WKL	
ME-SCR	2021/22-1	Wet	10/26/2021 8:25:00 AM	11/11/2021 6:14:00 PM	Copper	Total	=	14	µg/L	EPA 200.8	0.23	0.5	WKL	
ME-SCR	2021/22-1	Wet	10/26/2021 8:25:00 AM	11/11/2021 6:12:00 PM	Iron	Dissolved	DNQ	8	µg/L	EPA 200.8	3.9	20	WKL	
ME-SCR	2021/22-1	Wet	10/26/2021 8:25:00 AM	11/15/2021 5:41:00 PM	Iron	Total	=	15000	µg/L	EPA 200.8	7.9	40	WKL	
ME-SCR	2021/22-1	Wet	10/26/2021 8:25:00 AM	11/11/2021 6:12:00 PM	Lead	Dissolved	<	0.083	µg/L	EPA 200.8	0.083	0.2	WKL	
ME-SCR	2021/22-1	Wet	10/26/2021 8:25:00 AM	11/11/2021 6:14:00 PM	Lead	Total	=	5	µg/L	EPA 200.8	0.083	0.2	WKL	
ME-SCR	2021/22-1	Wet	10/26/2021 8:25:00 AM	11/5/2021 5:19:00 PM	Mercury	Dissolved	DNQ	17	ng/L	EPA 245.1	17	50	WKL	UL-MB
ME-SCR	2021/22-1	Wet	10/26/2021 8:25:00 AM	11/5/2021 5:21:00 PM	Mercury	Total	DNQ	32	ng/L	EPA 245.1	17	50	WKL	
ME-SCR	2021/22-1	Wet	10/26/2021 8:25:00 AM	11/11/2021 6:12:00 PM	Nickel	Dissolved	=	3.4	µg/L	EPA 200.8	0.16	2	WKL	
ME-SCR	2021/22-1	Wet	10/26/2021 8:25:00 AM	11/11/2021 6:14:00 PM	Nickel	Total	=	16	µg/L	EPA 200.8	0.16	2	WKL	
ME-SCR	2021/22-1	Wet	10/26/2021 8:25:00 AM	11/11/2021 6:12:00 PM	Selenium	Dissolved	=	1	µg/L	EPA 200.8	0.067	0.4	WKL	
ME-SCR	2021/22-1	Wet	10/26/2021 8:25:00 AM	11/11/2021 6:14:00 PM	Selenium	Total	=	1.4	µg/L	EPA 200.8	0.067	0.4	WKL	
ME-SCR	2021/22-1	Wet	10/26/2021 8:25:00 AM	11/11/2021 6:12:00 PM	Silver	Dissolved	<	0.03	µg/L	EPA 200.8	0.03	0.2	WKL	
ME-SCR	2021/22-1	Wet	10/26/2021 8:25:00 AM	11/11/2021 6:14:00 PM	Silver	Total	<	0.03	µg/L	EPA 200.8	0.03	0.2	WKL	
ME-SCR	2021/22-1	Wet	10/26/2021 8:25:00 AM	11/11/2021 6:12:00 PM	Thallium	Dissolved	<	0.021	µg/L	EPA 200.8	0.021	0.2	WKL	
ME-SCR	2021/22-1	Wet	10/26/2021 8:25:00 AM	11/11/2021 6:14:00 PM	Thallium	Total	DNQ	0.12	µg/L	EPA 200.8	0.021	0.2	WKL	
ME-SCR	2021/22-1	Wet	10/26/2021 8:25:00 AM	11/11/2021 6:12:00 PM	Zinc	Dissolved	DNQ	0.99	µg/L	EPA 200.8	0.8	10	WKL	
ME-SCR	2021/22-1	Wet	10/26/2021 8:25:00 AM	11/11/2021 6:14:00 PM	Zinc	Total	=	36	µg/L	EPA 200.8	0.8	10	WKL	
ME-SCR	2021/22-1	Wet	10/26/2021 8:25:00 AM	10/27/2021 4:22:00 PM	Ammonia as N	n/a	=	0.19	mg/L	EPA 350.1	0.047	0.1	WKL	
ME-SCR	2021/22-1	Wet	10/26/2021 8:25:00 AM	10/28/2021 4:45:00 PM	Nitrate + Nitrite as N	n/a	=	0.55	mg/L	EPA 353.2	0.036	0.2	WKL	
ME-SCR	2021/22-1	Wet	10/26/2021 8:25:00 AM	11/17/2021 5:31:00 PM	Phosphorus as P	Dissolved	<	0.018	mg/L	EPA 200.7	0.018	0.05	WKL	
ME-SCR	2021/22-1	Wet	10/26/2021 8:25:00 AM	11/17/2021 5:34:00 PM	Phosphorus as P	Total	=	0.44	mg/L	EPA 200.7	0.018	0.05	WKL	
ME-SCR	2021/22-1	Wet	10/26/2021 8:25:00 AM	11/9/2021 3:05:00 PM	TKN	n/a	=	1.8	mg/L	EPA 351.2	0.065	0.1	WKL	
ME-SCR	2021/22-1	Wet	10/26/2021 8:25:00 AM	11/22/2021 7:30:00 PM	1,2,4-Trichlorobenzene	n/a	<	0.49	µg/L	EPA 625.1	0.49	1	WKL	
ME-SCR	2021/22-1	Wet	10/26/2021 8:25:00 AM	11/22/2021 7:30:00 PM	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
ME-SCR	2021/22-1	Wet	10/26/2021 8:25:00 AM	11/22/2021 7:30:00 PM	1,2-Diphenylhydrazine	n/a	<	0.3	µg/L	EPA 625.1	0.3	1	WKL	
ME-SCR	2021/22-1	Wet	10/26/2021 8:25:00 AM	11/22/2021 7:30:00 PM	1,3-Dichlorobenzene	n/a	<	0.42	µg/L	EPA 625.1	0.42	1	WKL	
ME-SCR	2021/22-1	Wet	10/26/2021 8:25:00 AM	11/22/2021 7:30:00 PM	1,4-Dichlorobenzene	n/a	<	0.48	µg/L	EPA 625.1	0.48	1	WKL	
ME-SCR	2021/22-1	Wet	10/26/2021 8:25:00 AM	11/17/2021 6:54:00 AM	1-Methylnaphthalene	n/a	<	0.024	µg/L	EPA 8270C	0.024	0.1	WKL	
ME-SCR	2021/22-1	Wet	10/26/2021 8:25:00 AM	11/19/2021 8:03:00 PM	2,4,5-Trichlorophenol	n/a	<	0.29	µg/L	EPA 8270C	0.29	1	WKL	
ME-SCR	2021/22-1	Wet	10/26/2021 8:25:00 AM	11/22/2021 7:30:00 PM	2,4,6-Trichlorophenol	n/a	<	0.22	µg/L	EPA 625.1	0.22	1	WKL	
ME-SCR	2021/22-1	Wet	10/26/2021 8:25:00 AM	11/19/2021 8:03:00 PM	2,4,6-Trichlorophenol	n/a	<	0.3	µg/L	EPA 8270C	0.3	1	WKL	
ME-SCR	2021/22-1	Wet	10/26/2021 8:25:00 AM	11/22/2021 7:30:00 PM	2,4-Dichlorophenol	n/a	<	0.26	µg/L	EPA 625.1	0.26	1	WKL	
ME-SCR	2021/22-1	Wet	10/26/2021 8:25:00 AM	11/19/2021 8:03:00 PM	2,4-Dichlorophenol	n/a	<	0.51	µg/L	EPA 8270C	0.51	1	WKL	
ME-SCR	2021/22-1	Wet	10/26/2021 8:25:00 AM	11/22/2021 7:30:00 PM	2,4-Dimethylphenol	n/a	<	0.76	µg/L	EPA 625.1	0.76	1	WKL	
ME-SCR	2021/22-1	Wet	10/26/2021 8:25:00 AM	11/19/2021 8:03:00 PM	2,4-Dimethylphenol	n/a	<	1	µg/L	EPA 8270C	1	2	WKL	
ME-SCR	2021/22-1	Wet	10/26/2021 8:25:00 AM	11/22/2021 7:30:00 PM	2,4-Dinitrophenol	n/a	<	1.9	µg/L	EPA 625.1	1.9	10	WKL	
ME-SCR	2021/22-1	Wet	10/26/2021 8:25:00 AM	11/19/2021 8:03:00 PM	2,4-Dinitrophenol	n/a	<	1	µg/L	EPA 8270C	1	2	WKL	
ME-SCR	2021/22-1	Wet	10/26/2021 8:25:00 AM	11/22/2021 7:30:00 PM	2,4-Dinitrotoluene	n/a	<	0.46	µg/L	EPA 625.1	0.46	1	WKL	
ME-SCR	2021/22-1	Wet	10/26/2021 8:25:00 AM	11/22/2021 7:30:00 PM	2,6-Dinitrotoluene	n/a	<	0.27	µg/L	EPA 625.1	0.27	1	WKL	
ME-SCR	2021/22-1	Wet	10/26/2021 8:25:00 AM	11/22/2021 7:30:00 PM	2-Chloronaphthalene	n/a	<	0.45	µg/L	EPA 625.1	0.45	1	WKL	
ME-SCR	2021/22-1	Wet	10/26/2021 8:25:00 AM	11/19/2021 8:03:00 PM	2-Chlorophenol	n/a	<	0.65	µg/L	EPA 8270C	0.65	1	WKL	
ME-SCR	2021/22-1	Wet	10/26/2021 8:25:00 AM	11/22/2021 7:30:00 PM	2-Chlorophenol	n/a	<	0.28	µg/L	EPA 625.1	0.28	1	WKL	
ME-SCR	2021/22-1	Wet	10/26/2021 8:25:00 AM	11/17/2021 6:54:00 AM	2-Methylnaphthalene	n/a	<	0.026	µg/L	EPA 8270C	0.026	0.1	WKL	
ME-SCR	2021/22-1	Wet	10/26/2021 8:25:00 AM	11/19/2021 8:03:00 PM	2-Methylphenol	n/a	<	0.34	µg/L	EPA 8270C	0.34	1	WKL	
ME-SCR	2021/22-1	Wet	10/26/2021 8:25:00 AM	11/22/2021 7:30:00 PM	2-Nitrophenol	n/a	<	0.26	µg/L	EPA 625.1	0.26	1	WKL	
ME-SCR	2021/22-1	Wet	10/26/2021 8:25:00 AM	11/19/2021 8:03:00 PM	2-Nitrophenol	n/a	<	0.71	µg/L	EPA 8270C	0.71	1	WKL	
ME-SCR	2021/22-1	Wet	10/26/2021 8:25:00 AM	11/22/2021 7:30:00 PM	3,3'-Dichlorobenzidine	n/a	<	2.5	µg/L	EPA 625.1	2.5	5	WKL	
ME-SCR	2021/22-1	Wet	10/26/2021 8:25:00 AM	11/19/2021 8:03:00 PM	3-/4-Methylphenol	n/a	<	0.3	µg/L	EPA 8270C	0.3	1	WKL	
ME-SCR	2021/22-1	Wet	10/26/2021 8:25:00 AM	11/19/2021 8:03:00 PM	4,6-Dinitro-2-methylphenol	n/a	<	0.14	µg/L	EPA 8270C	0.14	1	WKL	
ME-SCR	2021/22-1	Wet	10/26/2021 8:25:00 AM	11/22/2021 7:30:00 PM	4,6-Dinitro-2-methylphenol	n/a	<	0.5	µg/L	EPA 625.1	0.5	5	WKL	
ME-SCR	2021/22-1	Wet	10/26/2021 8:25:00 AM	11/22/2021 7:30:00 PM	4-Bromophenyl phenyl ether	n/a	<	0.36	µg/L	EPA 625.1	0.36	1	WKL	
ME-SCR	2021/22-1	Wet	10/26/2021 8:25:00 AM	11/22/2021 7:30:00 PM	4-Chloro-3-methylphenol	n/a	<	0.23	µg/L	EPA 625.1	0.23	1	WKL	
ME-SCR	2021/22-1	Wet	10/26/2021 8:25:00 AM	11/19/2021 8:03:00 PM	4-Chloro-3-methylphenol	n/a	<	0.37	µg/L	EPA 8270C	0.37	1	WKL	
ME-SCR	2021/22-1	Wet	10/26/2021 8:25:00 AM	11/22/2021 7:30:00 PM	4-Chlorophenyl phenyl ether	n/a	<	0.41	µg/L	EPA 625.1	0.41	1	WKL	
ME-SCR	2021/22-1	Wet	10/26/2021 8:25:00 AM	11/22/2021 7:30:00 PM	4-Nitrophenol	n/a	<	1.2	µg/L	EPA 625.1	1.2	5	WKL	
ME-SCR	2021/22-1	Wet	10/26/2021 8:25:00 AM	11/19/2021 8:03:00 PM	4-Nitrophenol	n/a	<	1	µg/L	EPA 8270C	1	2	WKL	
ME-SCR	2021/22-1	Wet	10/26/2021 8:25:00 AM	11/22/2021 7:30:00 PM	Acenaphthene	n/a	<	0.38	µg/L	EPA 625.1	0.38	1	WKL	
ME-SCR	2021/22-1	Wet	10/26/2021 8:25:00 AM	11/17/2021 6:54:00 AM	Acenaphthene	n/a	<	0.028	µg/L	EPA 8270C	0.028	0.1	WKL	
ME-SCR	2021/22-1	Wet	10/26/2021 8:25:00 AM	11/22/2021 7:30:00 PM	Acenaphthylene	n/a	<	0.35	µg/L	EPA 625.1	0.35	1	WKL	
ME-SCR	2021/22-1	Wet	10/26/2021 8:25:00 AM	11/17/2021 6:54:00 AM	Acenaphthylene	n/a	<	0.033	µg/L	EPA 8270C	0.033	0.1	WKL	
ME-SCR	2021/22-1	Wet	10/26/2021 8:25:00 AM	11/17/2021 6:54:00 AM	Anthracene	n/a	<	0.025	µg/L	EPA 8270C	0.025	0.1	WKL	
ME-SCR	2021/22-1	Wet	10/26/2021 8:25:00 AM	11/22/2021 7:30:00 PM	Anthracene	n/a	<	0.41	µg/L	EPA 625.1	0.41	1	WKL	
ME-SCR	2021/22-1	Wet	10/26/2021 8:25:00 AM	11/17/2021 6:54:00 AM	Benz(a)anthracene	n/a	<	0.051	µg/L	EPA 8270C	0.051	0.1	WKL	
ME-SCR	2021/22-1	Wet	10/26/2021 8:25:00 AM	11/22/2021 7:30:00 PM	Benz(a)anthracene	n/a	<	0.19	µg/L	EPA 625.1	0.19	1	WKL	
ME-SCR	2021/22-1	Wet	10/26/2021 8:25:00 AM	11/22/2021 7:30:00 PM	Benzidine	n/a	<	3.2	µg/L	EPA 625.1	3.2	10	WKL	
ME-SCR	2021/22-1	Wet	10/26/2021 8:25:00 AM	11/9/2021 7:58:00 PM	Benzo(a)pyrene	n/a	<	0.02	µg/L	EPA 525.2	0.02	0.1	WKL	
ME-SCR	2021/22-1	Wet	10/26/2021 8:25:00 AM	11/22/2021 7:30:00 PM	Benzo(a)pyrene	n/a	<	0.39	µg/L	EPA 625.1	0.39	1	WKL	
ME-SCR	2021/22-1	Wet	10/26/2021 8:25:00 AM	11/17/2021 6:54:00 AM	Benzo(a)pyrene	n/a	<	0.051	µg/L	EPA 8270C	0.051	0.1	WKL	
ME-SCR	2021/22-1	Wet	10/26/2021 8:25:00 AM	11/22/2021 7:30:00 PM	Benzo(b)fluoranthene	n/a	<	0.46	µg/L	EPA 625.1	0.46	1	WKL	
ME-SCR	2021/22-1	Wet	10/26/2021 8:25:00 AM	11/17/2021 6:54:00 AM	Benzo(b)fluoranthene	n/a	<	0.074	µg/L	EPA 8270C	0.074	0.1	WKL	
ME-SCR	2021/22-1	Wet	10/26/2021 8:25:00 AM	11/17/2021 6:54:00 AM	Benzo(g,h,i)perylene	n/a	<	0.05	µg/L	EPA 8270C	0.05	0.1	WKL	
ME-SCR	2021/22-1	Wet	10/26/2021 8:25:00 AM	11/22/2021 7:30:00 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-SCR	2021/22-1	Wet	10/26/2021 8:25:00 AM	11/17/2021 6:54:00 AM	Benzo(k)fluoranthene	n/a	DNQ	0.029	µg/L	EPA 8270C	0.026	0.1	WKL	
ME-SCR	2021/22-1	Wet	10/26/2021 8:25:00 AM	11/22/2021 7:30:00 PM	Benzo(k)fluoranthene	n/a	<	0.22	µg/L	EPA 625.1	0.22	1	WKL	
ME-SCR	2021/22-1	Wet	10/26/2021 8:25:00 AM	11/22/2021 7:30:00 PM	Bis(2-chloroethoxy)methane	n/a	<	0.25	µg/L	EPA 625.1	0.25	1	WKL	
ME-SCR	2021/22-1	Wet	10/26/2021 8:25:00 AM	11/22/2021 7:30:00 PM	Bis(2-chloroethyl)ether	n/a	<	0.27	µg/L	EPA 625.1	0.27	1	WKL	
ME-SCR	2021/22-1	Wet	10/26/2021 8:25:00 AM	11/22/2021 7:30:00 PM	Bis(2-chloroisopropyl)ether	n/a	<	0.38	µg/L	EPA 625.1	0.38	1	WKL	
ME-SCR	2021/22-1	Wet	10/26/2021 8:25:00 AM	11/9/2021 7:58:00 PM	Bis(2-ethylhexyl)adipate	n/a	<	0.42	µg/L	EPA 525.2	0.42	5	WKL	
ME-SCR	2021/22-1	Wet	10/26/2021 8:25:00 AM	11/9/2021 7:58:00 PM	Bis(2-ethylhexyl)phthalate	n/a	<	0.41	µg/L	EPA 525.2	0.41	3	WKL	
ME-SCR	2021/22-1	Wet	10/26/2021 8:25:00 AM	11/22/2021 7:30:00 PM	Bis(2-ethylhexyl)phthalate	n/a	<	2.3	µg/L	EPA 625.1	2.3	5	WKL	
ME-SCR	2021/22-1	Wet	10/26/2021 8:25:00 AM	11/22/2021 7:30:00 PM	Butyl benzyl phthalate	n/a	DNQ	0.5	µg/L	EPA 625.1	0.49	1	WKL	
ME-SCR	2021/22-1	Wet	10/26/2021 8:25:00 AM	11/22/2021 7:30:00 PM	Chrysene	n/a	<	0.19	µg/L	EPA 625.1	0.19	1	WKL	
ME-SCR	2021/22-1	Wet	10/26/2021 8:25:00 AM	11/17/2021 6:54:00 AM	Chrysene	n/a	<	0.074	µg/L	EPA 8270C	0.074	0.1	WKL	
ME-SCR	2021/22-1	Wet	10/26/2021 8:25:00 AM	11/22/2021 7:30:00 PM	Dibenz(a,h)anthracene	n/a	<	0.15	µg/L	EPA 625.1	0.15	2	WKL	
ME-SCR	2021/22-1	Wet	10/26/2021 8:25:00 AM	11/17/2021 6:54:00 AM	Dibenz(a,h)anthracene	n/a	<	0.036	µg/L	EPA 8270C	0.036	0.1	WKL	
ME-SCR	2021/22-1	Wet	10/26/2021 8:25:00 AM	11/22/2021 7:30:00 PM	Diethyl phthalate	n/a	<	0.35	µg/L	EPA 625.1	0.35	1	WKL	
ME-SCR	2021/22-1	Wet	10/26/2021 8:25:00 AM	11/22/2021 7:30:00 PM	Dimethyl phthalate	n/a	<	0.18	µg/L	EPA 625.1	0.18	1	WKL	
ME-SCR	2021/22-1	Wet	10/26/2021 8:25:00 AM	11/22/2021 7:30:00 PM	Di-n-butylphthalate	n/a	<	0.34	µg/L	EPA 625.1	0.34	1	WKL	
ME-SCR	2021/22-1	Wet	10/26/2021 8:25:00 AM	11/22/2021 7:30:00 PM	Di-n-octylphthalate	n/a	<	0.46	µg/L	EPA 625.1	0.46	1	WKL	
ME-SCR	2021/22-1	Wet	10/26/2021 8:25:00 AM	11/22/2021 7:30:00 PM	Fluoranthene	n/a	<	0.35	µg/L	EPA 625.1	0.35	1	WKL	
ME-SCR	2021/22-1	Wet	10/26/2021 8:25:00 AM	11/17/2021 6:54:00 AM	Fluoranthene	n/a	<	0.039	µg/L	EPA 8270C	0.039	0.1	WKL	
ME-SCR	2021/22-1	Wet	10/26/2021 8:25:00 AM	11/22/2021 7:30:00 PM	Fluorene	n/a	<	0.35	µg/L	EPA 625.1	0.35	1	WKL	
ME-SCR	2021/22-1	Wet	10/26/2021 8:25:00 AM	11/17/2021 6:54:00 AM	Fluorene	n/a	<	0.029	µg/L	EPA 8270C	0.029	0.1	WKL	
ME-SCR	2021/22-1	Wet	10/26/2021 8:25:00 AM	11/22/2021 7:30:00 PM	Hexachlorobenzene	n/a	<	0.49	µg/L	EPA 625.1	0.49	1	WKL	
ME-SCR	2021/22-1	Wet	10/26/2021 8:25:00 AM	11/22/2021 7:30:00 PM	Hexachlorobutadiene	n/a	<	0.47	µg/L	EPA 625.1	0.47	1	WKL	
ME-SCR	2021/22-1	Wet	10/26/2021 8:25:00 AM	11/9/2021 7:58:00 PM	Hexachlorocyclopentadiene	n/a	<	0.092	µg/L	EPA 525.2	0.092	1	WKL	
ME-SCR	2021/22-1	Wet	10/26/2021 8:25:00 AM	11/22/2021 7:30:00 PM	Hexachlorocyclopentadiene	n/a	<	0.31	µg/L	EPA 625.1	0.31	5	WKL	
ME-SCR	2021/22-1	Wet	10/26/2021 8:25:00 AM	11/22/2021 7:30:00 PM	Hexachloroethane	n/a	<	0.5	µg/L	EPA 625.1	0.5	1	WKL	
ME-SCR	2021/22-1	Wet	10/26/2021 8:25:00 AM	11/22/2021 7:30:00 PM	Indeno(1,2,3-cd)pyrene	n/a	<	0.25	µg/L	EPA 625.1	0.25	2	WKL	
ME-SCR	2021/22-1	Wet	10/26/2021 8:25:00 AM	11/17/2021 6:54:00 AM	Indeno(1,2,3-cd)pyrene	n/a	<	0.065	µg/L	EPA 8270C	0.065	0.1	WKL	
ME-SCR	2021/22-1	Wet	10/26/2021 8:25:00 AM	11/22/2021 7:30:00 PM	Isophorone	n/a	<	0.21	µg/L	EPA 625.1	0.21	1	WKL	
ME-SCR	2021/22-1	Wet	10/26/2021 8:25:00 AM	11/22/2021 7:30:00 PM	Naphthalene	n/a	<	0.49	µg/L	EPA 625.1	0.49	1	WKL	
ME-SCR	2021/22-1	Wet	10/26/2021 8:25:00 AM	11/17/2021 6:54:00 AM	Naphthalene	n/a	<	0.026	µg/L	EPA 8270C	0.026	0.1	WKL	
ME-SCR	2021/22-1	Wet	10/26/2021 8:25:00 AM	11/22/2021 7:30:00 PM	Nitrobenzene	n/a	<	0.36	µg/L	EPA 625.1	0.36	1	WKL	
ME-SCR	2021/22-1	Wet	10/26/2021 8:25:00 AM	11/22/2021 7:30:00 PM	N-Nitrosodimethylamine	n/a	<	0.5	µg/L	EPA 625.1	0.5	1	WKL	
ME-SCR	2021/22-1	Wet	10/26/2021 8:25:00 AM	11/22/2021 7:30:00 PM	N-Nitrosodi-N-propylamine	n/a	<	0.26	µg/L	EPA 625.1	0.26	1	WKL	
ME-SCR	2021/22-1	Wet	10/26/2021 8:25:00 AM	11/22/2021 7:30:00 PM	N-Nitrosodiphenylamine	n/a	<	0.19	µg/L	EPA 625.1	0.19	1	WKL	
ME-SCR	2021/22-1	Wet	10/26/2021 8:25:00 AM	11/22/2021 7:30:00 PM	Phenanthrene	n/a	<	0.32	µg/L	EPA 625.1	0.32	1	WKL	
ME-SCR	2021/22-1	Wet	10/26/2021 8:25:00 AM	11/17/2021 6:54:00 AM	Phenanthrene	n/a	<	0.029	µg/L	EPA 8270C	0.029	0.1	WKL	
ME-SCR	2021/22-1	Wet	10/26/2021 8:25:00 AM	11/19/2021 8:03:00 PM	Phenol	n/a	<	0.35	µg/L	EPA 8270C	0.35	1	WKL	
ME-SCR	2021/22-1	Wet	10/26/2021 8:25:00 AM	11/22/2021 7:30:00 PM	Phenol	n/a	<	0.81	µg/L	EPA 625.1	0.81	1	WKL	
ME-SCR	2021/22-1	Wet	10/26/2021 8:25:00 AM	11/22/2021 7:30:00 PM	Pyrene	n/a	<	0.25	µg/L	EPA 625.1	0.25	1	WKL	
ME-SCR	2021/22-1	Wet	10/26/2021 8:25:00 AM	11/17/2021 6:54:00 AM	Pyrene	n/a	<	0.04	µg/L	EPA 8270C	0.04	0.1	WKL	
ME-SCR	2021/22-1	Wet	10/26/2021 8:25:00 AM	12/10/2021 7:48:00 PM	PCB Aroclor 1016	n/a	<	0.14	µg/L	EPA 608.3	0.14	2.5	WKL	
ME-SCR	2021/22-1	Wet	10/26/2021 8:25:00 AM	12/10/2021 7:48:00 PM	PCB Aroclor 1221	n/a	<	0.3	µg/L	EPA 608.3	0.3	2.5	WKL	
ME-SCR	2021/22-1	Wet	10/26/2021 8:25:00 AM	12/10/2021 7:48:00 PM	PCB Aroclor 1232	n/a	<	0.5	µg/L	EPA 608.3	0.5	2.5	WKL	
ME-SCR	2021/22-1	Wet	10/26/2021 8:25:00 AM	12/10/2021 7:48:00 PM	PCB Aroclor 1242	n/a	<	0.35	µg/L	EPA 608.3	0.35	2.5	WKL	
ME-SCR	2021/22-1	Wet	10/26/2021 8:25:00 AM	12/10/2021 7:48:00 PM	PCB Aroclor 1248	n/a	<	0.3	µg/L	EPA 608.3	0.3	2.5	WKL	
ME-SCR	2021/22-1	Wet	10/26/2021 8:25:00 AM	12/10/2021 7:48:00 PM	PCB Aroclor 1254	n/a	<	0.2	µg/L	EPA 608.3	0.2	2.5	WKL	
ME-SCR	2021/22-1	Wet	10/26/2021 8:25:00 AM	12/10/2021 7:48:00 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-SCR	2021/22-1	Wet	10/26/2021 8:25:00 AM	11/7/2021 11:33:00 PM	2,4,5-T	n/a	<	0.03	µg/L	EPA 515.4	0.03	0.2	WKL	
ME-SCR	2021/22-1	Wet	10/26/2021 8:25:00 AM	11/7/2021 11:33:00 PM	2,4,5-TP	n/a	<	0.026	µg/L	EPA 515.4	0.026	0.2	WKL	
ME-SCR	2021/22-1	Wet	10/26/2021 8:25:00 AM	11/7/2021 11:33:00 PM	2,4-D	n/a	<	0.14	µg/L	EPA 515.4	0.14	0.4	WKL	
ME-SCR	2021/22-1	Wet	10/26/2021 8:25:00 AM	11/7/2021 11:33:00 PM	2,4-DB	n/a	<	0.19	µg/L	EPA 515.4	0.19	2	WKL	
ME-SCR	2021/22-1	Wet	10/26/2021 8:25:00 AM	11/7/2021 11:33:00 PM	3,5-Dichlorobenzoic acid	n/a	<	0.12	µg/L	EPA 515.4	0.12	1	WKL	
ME-SCR	2021/22-1	Wet	10/26/2021 8:25:00 AM	12/10/2021 7:48:00 PM	4,4'-DDD	n/a	<	0.0035	µg/L	EPA 608.3	0.0035	0.25	WKL	
ME-SCR	2021/22-1	Wet	10/26/2021 8:25:00 AM	12/10/2021 7:48:00 PM	4,4'-DDE	n/a	<	0.0035	µg/L	EPA 608.3	0.0035	0.25	WKL	
ME-SCR	2021/22-1	Wet	10/26/2021 8:25:00 AM	12/10/2021 7:48:00 PM	4,4'-DDT	n/a	<	0.0055	µg/L	EPA 608.3	0.0055	0.05	WKL	
ME-SCR	2021/22-1	Wet	10/26/2021 8:25:00 AM	11/7/2021 11:33:00 PM	Acifluorfen	n/a	<	0.4	µg/L	EPA 515.4	0.4	0.4	WKL	
ME-SCR	2021/22-1	Wet	10/26/2021 8:25:00 AM	11/9/2021 7:58:00 PM	Alachlor	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1	WKL	
ME-SCR	2021/22-1	Wet	10/26/2021 8:25:00 AM	12/10/2021 7:48:00 PM	Aldrin	n/a	<	0.005	µg/L	EPA 608.3	0.005	0.025	WKL	
ME-SCR	2021/22-1	Wet	10/26/2021 8:25:00 AM	12/10/2021 7:48:00 PM	alpha-BHC	n/a	<	0.0055	µg/L	EPA 608.3	0.0055	0.05	WKL	
ME-SCR	2021/22-1	Wet	10/26/2021 8:25:00 AM	11/9/2021 7:58:00 PM	Atrazine	n/a	<	0.011	µg/L	EPA 525.2	0.011	0.1	WKL	
ME-SCR	2021/22-1	Wet	10/26/2021 8:25:00 AM	11/5/2021 9:56:00 PM	Azinphos methyl	n/a	<	0.028	µg/L	EPA 625.1m	0.028	0.05	WKL	
ME-SCR	2021/22-1	Wet	10/26/2021 8:25:00 AM	11/7/2021 11:33:00 PM	Bentazon	n/a	<	0.23	µg/L	EPA 515.4	0.23	2	WKL	
ME-SCR	2021/22-1	Wet	10/26/2021 8:25:00 AM	12/10/2021 7:48:00 PM	beta-BHC	n/a	<	0.0075	µg/L	EPA 608.3	0.0075	0.025	WKL	
ME-SCR	2021/22-1	Wet	10/26/2021 8:25:00 AM	11/5/2021 9:56:00 PM	Bolstar	n/a	<	0.023	µg/L	EPA 625.1m	0.023	0.05	WKL	
ME-SCR	2021/22-1	Wet	10/26/2021 8:25:00 AM	11/9/2021 7:58:00 PM	Bromacil	n/a	<	0.07	µg/L	EPA 525.2	0.07	0.5	WKL	
ME-SCR	2021/22-1	Wet	10/26/2021 8:25:00 AM	11/9/2021 7:58:00 PM	Butachlor	n/a	<	0.012	µg/L	EPA 525.2	0.012	0.1	WKL	
ME-SCR	2021/22-1	Wet	10/26/2021 8:25:00 AM	11/9/2021 7:58:00 PM	Captan	n/a	<	0.32	µg/L	EPA 525.2	0.32	1	WKL	
ME-SCR	2021/22-1	Wet	10/26/2021 8:25:00 AM	12/10/2021 7:48:00 PM	Chlordane (technical)	n/a	<	0.22	µg/L	EPA 608.3	0.22	0.5	WKL	
ME-SCR	2021/22-1	Wet	10/26/2021 8:25:00 AM	11/9/2021 7:58:00 PM	Chloroprotham	n/a	<	0.04	µg/L	EPA 525.2	0.04	0.1	WKL	
ME-SCR	2021/22-1	Wet	10/26/2021 8:25:00 AM	11/5/2021 9:56:00 PM	Chlorpyrifos	n/a	<	0.034	µg/L	EPA 625.1m	0.034	0.05	WKL	
ME-SCR	2021/22-1	Wet	10/26/2021 8:25:00 AM	11/5/2021 9:56:00 PM	Coumaphos	n/a	<	0.026	µg/L	EPA 625.1m	0.026	0.05	WKL	
ME-SCR	2021/22-1	Wet	10/26/2021 8:25:00 AM	11/7/2021 11:33:00 PM	Dalapon	n/a	<	0.11	µg/L	EPA 515.4	0.11	0.4	WKL	
ME-SCR	2021/22-1	Wet	10/26/2021 8:25:00 AM	11/7/2021 11:33:00 PM	DCCA (Dacthal)	n/a	<	0.029	µg/L	EPA 515.4	0.029	0.1	WKL	
ME-SCR	2021/22-1	Wet	10/26/2021 8:25:00 AM	12/10/2021 7:48:00 PM	delta-BHC	n/a	<	0.0095	µg/L	EPA 608.3	0.0095	0.025	WKL	
ME-SCR	2021/22-1	Wet	10/26/2021 8:25:00 AM	11/5/2021 9:56:00 PM	Demeton-O	n/a	<	0.05	µg/L	EPA 625.1m	0.05	0.05	WKL	
ME-SCR	2021/22-1	Wet	10/26/2021 8:25:00 AM	11/5/2021 9:56:00 PM	Demeton-S	n/a	<	0.05	µg/L	EPA 625.1m	0.05	0.05	WKL	
ME-SCR	2021/22-1	Wet	10/26/2021 8:25:00 AM	11/9/2021 7:58:00 PM	Diazinon	n/a	<	0.022	µg/L	EPA 525.2	0.022	0.1	WKL	
ME-SCR	2021/22-1	Wet	10/26/2021 8:25:00 AM	11/5/2021 9:56:00 PM	Diazinon	n/a	<	0.026	µg/L	EPA 625.1m	0.026	0.05	WKL	
ME-SCR	2021/22-1	Wet	10/26/2021 8:25:00 AM	11/7/2021 11:33:00 PM	Dicamba	n/a	<	0.049	µg/L	EPA 515.4	0.049	0.6	WKL	
ME-SCR	2021/22-1	Wet	10/26/2021 8:25:00 AM	11/7/2021 11:33:00 PM	Dichlorprop	n/a	<	0.12	µg/L	EPA 515.4	0.12	0.3	WKL	
ME-SCR	2021/22-1	Wet	10/26/2021 8:25:00 AM	11/5/2021 9:56:00 PM	Dichlorvos	n/a	<	0.014	µg/L	EPA 625.1m	0.014	0.05	WKL	
ME-SCR	2021/22-1	Wet	10/26/2021 8:25:00 AM	12/10/2021 7:48:00 PM	Dieldrin	n/a	<	0.004	µg/L	EPA 608.3	0.004	0.05	WKL	
ME-SCR	2021/22-1	Wet	10/26/2021 8:25:00 AM	11/5/2021 9:56:00 PM	Dimethoate	n/a	<	0.031	µg/L	EPA 625.1m	0.031	0.05	WKL	
ME-SCR	2021/22-1	Wet	10/26/2021 8:25:00 AM	11/9/2021 7:58:00 PM	Dimethoate	n/a	<	0.02	µg/L	EPA 525.2	0.02	0.2	WKL	
ME-SCR	2021/22-1	Wet	10/26/2021 8:25:00 AM	11/7/2021 11:33:00 PM	Dinoseb	n/a	<	0.033	µg/L	EPA 515.4	0.033	0.4	WKL	
ME-SCR	2021/22-1	Wet	10/26/2021 8:25:00 AM	11/9/2021 7:58:00 PM	Diphenamid	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1	WKL	
ME-SCR	2021/22-1	Wet	10/26/2021 8:25:00 AM	11/9/2021 7:58:00 PM	Disulfoton	n/a	<	0.015	µg/L	EPA 525.2	0.015	0.1	WKL	
ME-SCR	2021/22-1	Wet	10/26/2021 8:25:00 AM	11/5/2021 9:56:00 PM	Disulfoton	n/a	<	0.05	µg/L	EPA 625.1m	0.05	0.05	WKL	
ME-SCR	2021/22-1	Wet	10/26/2021 8:25:00 AM	12/10/2021 7:48:00 PM	Endosulfan I	n/a	<	0.0045	µg/L	EPA 608.3	0.0045	0.1	WKL	
ME-SCR	2021/22-1	Wet	10/26/2021 8:25:00 AM	12/10/2021 7:48:00 PM	Endosulfan II	n/a	<	0.0035	µg/L	EPA 608.3	0.0035	0.05	WKL	
ME-SCR	2021/22-1	Wet	10/26/2021 8:25:00 AM	12/10/2021 7:48:00 PM	Endosulfan sulfate	n/a	<	0.0065	µg/L	EPA 608.3	0.0065	0.25	WKL	
ME-SCR	2021/22-1	Wet	10/26/2021 8:25:00 AM	12/10/2021 7:48:00 PM	Endrin	n/a	<	0.0085	µg/L	EPA 608.3	0.0085	0.05	WKL	
ME-SCR	2021/22-1	Wet	10/26/2021 8:25:00 AM	12/10/2021 7:48:00 PM	Endrin aldehyde	n/a	<	0.0095	µg/L	EPA 608.3	0.0095	0.05	WKL	
ME-SCR	2021/22-1	Wet	10/26/2021 8:25:00 AM	11/9/2021 7:58:00 PM	EPTC	n/a	<	0.02	µg/L	EPA 525.2	0.02	0.1	WKL	
ME-SCR	2021/22-1	Wet	10/26/2021 8:25:00 AM	11/5/2021 9:56:00 PM	Ethoprop	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
ME-SCR	2021/22-1	Wet	10/26/2021 8:25:00 AM	11/5/2021 9:56:00 PM	Ethyl parathion	n/a	<	0.027	µg/L	EPA 625.1m	0.027	0.05	WKL	
ME-SCR	2021/22-1	Wet	10/26/2021 8:25:00 AM	11/5/2021 9:56:00 PM	Fensulfothion	n/a	<	0.014	µg/L	EPA 625.1m	0.014	0.05	WKL	
ME-SCR	2021/22-1	Wet	10/26/2021 8:25:00 AM	11/5/2021 9:56:00 PM	Fenthion	n/a	<	0.019	µg/L	EPA 625.1m	0.019	0.05	WKL	
ME-SCR	2021/22-1	Wet	10/26/2021 8:25:00 AM	12/10/2021 7:48:00 PM	gamma-BHC (Lindane)	n/a	<	0.002	µg/L	EPA 608.3	0.002	0.1	WKL	
ME-SCR	2021/22-1	Wet	10/26/2021 8:25:00 AM	11/7/2021 8:51:00 PM	Glyphosate	n/a	<	2.1	µg/L	EPA 547	2.1	25	BSKL	
ME-SCR	2021/22-1	Wet	10/26/2021 8:25:00 AM	12/10/2021 7:48:00 PM	Heptachlor	n/a	<	0.003	µg/L	EPA 608.3	0.003	0.05	WKL	
ME-SCR	2021/22-1	Wet	10/26/2021 8:25:00 AM	12/10/2021 7:48:00 PM	Heptachlor epoxide	n/a	<	0.002	µg/L	EPA 608.3	0.002	0.05	WKL	
ME-SCR	2021/22-1	Wet	10/26/2021 8:25:00 AM	11/5/2021 9:56:00 PM	Malathion	n/a	<	0.038	µg/L	EPA 625.1m	0.038	0.05	WKL	
ME-SCR	2021/22-1	Wet	10/26/2021 8:25:00 AM	11/5/2021 9:56:00 PM	Merphos	n/a	<	0.029	µg/L	EPA 625.1m	0.029	0.05	WKL	
ME-SCR	2021/22-1	Wet	10/26/2021 8:25:00 AM	11/5/2021 9:56:00 PM	Methyl parathion	n/a	<	0.032	µg/L	EPA 625.1m	0.032	0.05	WKL	
ME-SCR	2021/22-1	Wet	10/26/2021 8:25:00 AM	11/9/2021 7:58:00 PM	Metolachlor	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1	WKL	
ME-SCR	2021/22-1	Wet	10/26/2021 8:25:00 AM	11/9/2021 7:58:00 PM	Metribuzin	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1	WKL	
ME-SCR	2021/22-1	Wet	10/26/2021 8:25:00 AM	11/5/2021 9:56:00 PM	Mevinphos	n/a	<	0.021	µg/L	EPA 625.1m	0.021	0.05	WKL	
ME-SCR	2021/22-1	Wet	10/26/2021 8:25:00 AM	11/9/2021 7:58:00 PM	Molinate	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1	WKL	
ME-SCR	2021/22-1	Wet	10/26/2021 8:25:00 AM	11/5/2021 9:56:00 PM	Naled	n/a	<	0.038	µg/L	EPA 625.1m	0.038	0.05	WKL	
ME-SCR	2021/22-1	Wet	10/26/2021 8:25:00 AM	11/22/2021 7:30:00 PM	Pentachlorophenol	n/a	<	0.4	µg/L	EPA 625.1	0.4	1	WKL	
ME-SCR	2021/22-1	Wet	10/26/2021 8:25:00 AM	11/7/2021 11:33:00 PM	Pentachlorophenol	n/a	<	0.046	µg/L	EPA 515.4	0.046	0.2	WKL	
ME-SCR	2021/22-1	Wet	10/26/2021 8:25:00 AM	11/19/2021 8:03:00 PM	Pentachlorophenol	n/a	<	0.15	µg/L	EPA 8270C	0.15	1	WKL	
ME-SCR	2021/22-1	Wet	10/26/2021 8:25:00 AM	11/5/2021 9:56:00 PM	Phorate	n/a	<	0.015	µg/L	EPA 625.1m	0.015	0.05	WKL	
ME-SCR	2021/22-1	Wet	10/26/2021 8:25:00 AM	11/7/2021 11:33:00 PM	Picloram	n/a	<	0.05	µg/L	EPA 515.4	0.05	0.6	WKL	
ME-SCR	2021/22-1	Wet	10/26/2021 8:25:00 AM	11/9/2021 7:58:00 PM	Prometryn	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1	WKL	
ME-SCR	2021/22-1	Wet	10/26/2021 8:25:00 AM	11/5/2021 9:56:00 PM	Ronnel (Fenchlorphos)	n/a	<	0.02	µg/L	EPA 625.1m	0.02	0.05	WKL	
ME-SCR	2021/22-1	Wet	10/26/2021 8:25:00 AM	11/9/2021 7:58:00 PM	Simazine	n/a	<	0.02	µg/L	EPA 525.2	0.02	0.1	WKL	
ME-SCR	2021/22-1	Wet	10/26/2021 8:25:00 AM	11/5/2021 9:56:00 PM	Stirophos (Tetrachlorvinphos)	n/a	<	0.016	µg/L	EPA 625.1m	0.016	0.05	WKL	
ME-SCR	2021/22-1	Wet	10/26/2021 8:25:00 AM	11/9/2021 7:58:00 PM	Terbacil	n/a	<	0.09	µg/L	EPA 525.2	0.09	2	WKL	
ME-SCR	2021/22-1	Wet	10/26/2021 8:25:00 AM	11/9/2021 7:58:00 PM	Thiobencarb	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1	WKL	
ME-SCR	2021/22-1	Wet	10/26/2021 8:25:00 AM	11/5/2021 9:56:00 PM	Tokuthion	n/a	<	0.039	µg/L	EPA 625.1m	0.039	0.05	WKL	
ME-SCR	2021/22-1	Wet	10/26/2021 8:25:00 AM	12/10/2021 7:48:00 PM	Toxaphene	n/a	<	0.42	µg/L	EPA 608.3	0.42	2.5	WKL	
ME-SCR	2021/22-1	Wet	10/26/2021 8:25:00 AM	11/5/2021 9:56:00 PM	Trichloronate	n/a	<	0.034	µg/L	EPA 625.1m	0.034	0.05	WKL	
ME-SCR	2021/22-1	Wet	10/26/2021 8:25:00 AM	11/9/2021 7:58:00 PM	Trithion	n/a	<	0.02	µg/L	EPA 525.2	0.02	0.1	WKL	
ME-SCR	2021/22-2	Wet	12/14/2021 11:00:00 AM	12/15/2021 2:00:00 PM	E. Coli	n/a	=	26130	MPN/100 mL	MMO-MUG	100	100	VCHCA	
ME-SCR	2021/22-2	Wet	12/14/2021 11:00:00 AM	12/15/2021 2:00:00 PM	Total Coliform	n/a	=	816400	MPN/100 mL	MMO-MUG	1000	1000	VCHCA	
ME-SCR	2021/22-2	Wet	12/14/2021 11:00:00 AM	12/14/2021 11:00:00 AM	Conductivity	n/a	=	1180	µmhos/cm	Field Meter	-88	1	Field Crew	
ME-SCR	2021/22-2	Wet	12/14/2021 11:00:00 AM	12/22/2021 2:30:00 PM	Cyanide	Total	=	0.011	mg/L	ASTM D7511	0.0012	0.002	WKL	
ME-SCR	2021/22-2	Wet	12/14/2021 11:00:00 AM	12/14/2021 11:00:00 AM	DO	n/a	=	97	%	Field Meter	-88	0.1	Field Crew	
ME-SCR	2021/22-2	Wet	12/14/2021 11:00:00 AM	12/14/2021 11:00:00 AM	DO	n/a	=	10.25	mg/L	Field Meter	-88	0.3	Field Crew	
ME-SCR	2021/22-2	Wet	12/14/2021 11:00:00 AM	12/14/2021 11:00:00 AM	pH	n/a	=	7.88	pH Units	Field Meter	-88	0.01	Field Crew	
ME-SCR	2021/22-2	Wet	12/14/2021 11:00:00 AM	12/14/2021 11:00:00 AM	Salinity	n/a	=	800	mg/L	Field Meter	-88	100	Field Crew	
ME-SCR	2021/22-2	Wet	12/14/2021 11:00:00 AM	12/14/2021 11:00:00 AM	Specific Conductance	n/a	=	1556	µmhos/cm	Field Meter	-88	1	Field Crew	
ME-SCR	2021/22-2	Wet	12/14/2021 11:00:00 AM	12/14/2021 11:00:00 AM	Temperature	n/a	=	12.4	°C	Field Meter	-88	0.1	Field Crew	
ME-SCR	2021/22-2	Wet	12/14/2021 11:00:00 AM	12/21/2021 3:35:00 PM	Gasoline Range Organics	n/a	DNQ	0.42	mg/L	EPA 8260B	0.32	0.5	WKL	DG
ME-SCR	2021/22-2	Wet	12/14/2021 11:00:00 AM	12/23/2021 9:54:00 AM	Oil and Grease	n/a	DNQ	1.3	mg/L	EPA 1664B	1.3	5	WKL	
ME-SCR	2021/22-2	Wet	12/14/2021 11:00:00 AM	12/16/2021 6:35:00 PM	2-Chloroethyl vinyl ether	n/a	<	0.95	µg/L	EPA 624.1	0.95	5	WKL	DG
ME-SCR	2021/22-2	Wet	12/14/2021 11:00:00 AM	12/16/2021 6:35:00 PM	Methyl tert-butyl ether (MTBE)	n/a	<	2	µg/L	EPA 624.1	2	5	WKL	DG
ME-SCR	2021/22-2	Wet	12/15/2021 8:30:00 AM	12/16/2021 2:04:00 PM	Chloride	n/a	=	120	mg/L	EPA 300.0	0.38	1	WKL	
ME-SCR	2021/22-2	Wet	12/15/2021 8:30:00 AM	12/17/2021 10:42:00 PM	Fluoride	n/a	=	0.32	mg/L	EPA 300.0	0.018	0.2	WKL	
ME-SCR	2021/22-2	Wet	12/15/2021 8:30:00 AM	12/18/2021 9:59:00 PM	Perchlorate	n/a	<	0.78	µg/L	EPA 314.0	0.78	4	WKL	
ME-SCR	2021/22-2	Wet	12/15/2021 8:30:00 AM	12/28/2021 1:46:00 PM	Calcium	Total	=	699	mg/L	EPA 200.7	0.8	2.5	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
ME-SCR	2021/22-2	Wet	12/15/2021 8:30:00 AM	12/28/2021 1:46:00 PM	Magnesium	Total	=	517	mg/L	EPA 200.7	0.195	2.5	WKL	
ME-SCR	2021/22-2	Wet	12/15/2021 8:30:00 AM	12/18/2021 4:14:00 PM	Alkalinity as CaCO3	n/a	=	180	mg/L	SM 2320 B	2.3	5	WKL	
ME-SCR	2021/22-2	Wet	12/15/2021 8:30:00 AM	12/20/2021 7:13:00 PM	BOD	n/a	=	21	mg/L	SM 5210 B	2	2	WKL	
ME-SCR	2021/22-2	Wet	12/15/2021 8:30:00 AM	12/30/2021 11:13:00 AM	COD	n/a	=	15	mg/L	EPA 410.4	2.9	5	WKL	
ME-SCR	2021/22-2	Wet	12/15/2021 8:30:00 AM	12/28/2021 1:46:00 PM	Hardness as CaCO3	Total	=	3880	mg/L	EPA 200.7	2.8	16.5	WKL	
ME-SCR	2021/22-2	Wet	12/15/2021 8:30:00 AM	12/15/2021 7:23:00 PM	MBAS	n/a	<	0.013	mg/L	SM 5540 C	0.013	0.05	WKL	
ME-SCR	2021/22-2	Wet	12/15/2021 8:30:00 AM	1/2/2022 11:46:00 AM	Phenolics	n/a	DNQ	0.0096	mg/L	EPA 420.4	0.0068	0.01	WKL	
ME-SCR	2021/22-2	Wet	12/15/2021 8:30:00 AM	12/16/2021 1:32:00 PM	Specific Conductance	n/a	=	2600	µmhos/cm	SM 2510 B	3.2	6	WKL	
ME-SCR	2021/22-2	Wet	12/15/2021 8:30:00 AM	12/21/2021 12:36:00 PM	Total Dissolved Solids	n/a	=	1800	mg/L	SM 2540 C	4	10	WKL	
ME-SCR	2021/22-2	Wet	12/15/2021 8:30:00 AM	12/29/2021 1:45:00 PM	Total Organic Carbon	n/a	=	17	mg/L	SM 5310 B	0.19	0.3	WKL	
ME-SCR	2021/22-2	Wet	12/15/2021 8:30:00 AM	12/20/2021 7:00:00 PM	Total Suspended Solids	n/a	=	6700	mg/L	SM 2540 D	-88	5	WKL	
ME-SCR	2021/22-2	Wet	12/15/2021 8:30:00 AM	12/15/2021 5:38:00 PM	Turbidity	n/a	=	110	NTU	EPA 180.1	1.7	10	WKL	
ME-SCR	2021/22-2	Wet	12/15/2021 8:30:00 AM	12/20/2021 7:00:00 PM	Volatile Suspended Solids	n/a	=	740	mg/L	EPA 160.4	3.1	5	WKL	
ME-SCR	2021/22-2	Wet	12/15/2021 8:30:00 AM	12/29/2021 5:21:00 PM	Diesel Range Organics	n/a	=	0.28	mg/L	EPA 8015B	0.14	0.2	WKL	EST-LCSRPD
ME-SCR	2021/22-2	Wet	12/15/2021 8:30:00 AM	12/29/2021 5:21:00 PM	Oil Range Organics	n/a	<	0.66	mg/L	EPA 8015B	0.66	1	WKL	
ME-SCR	2021/22-2	Wet	12/15/2021 8:30:00 AM	1/4/2022 5:35:00 PM	Aluminum	Dissolved	DNQ	5.7	µg/L	EPA 200.8	4.4	20	WKL	
ME-SCR	2021/22-2	Wet	12/15/2021 8:30:00 AM	1/4/2022 6:36:00 PM	Aluminum	Total	=	550000	µg/L	EPA 200.8	440	2000	WKL	
ME-SCR	2021/22-2	Wet	12/15/2021 8:30:00 AM	1/4/2022 5:35:00 PM	Antimony	Dissolved	DNQ	0.3	µg/L	EPA 200.8	0.089	0.5	WKL	
ME-SCR	2021/22-2	Wet	12/15/2021 8:30:00 AM	1/4/2022 5:38:00 PM	Antimony	Total	DNQ	1.1	µg/L	EPA 200.8	0.44	2.5	WKL	
ME-SCR	2021/22-2	Wet	12/15/2021 8:30:00 AM	1/4/2022 5:35:00 PM	Arsenic	Dissolved	=	0.64	µg/L	EPA 200.8	0.074	0.4	WKL	
ME-SCR	2021/22-2	Wet	12/15/2021 8:30:00 AM	1/4/2022 5:38:00 PM	Arsenic	Total	=	220	µg/L	EPA 200.8	0.37	2	WKL	
ME-SCR	2021/22-2	Wet	12/15/2021 8:30:00 AM	1/4/2022 5:35:00 PM	Barium	Total	=	3600	µg/L	EPA 200.8	0.71	5	WKL	
ME-SCR	2021/22-2	Wet	12/15/2021 8:30:00 AM	1/4/2022 5:35:00 PM	Beryllium	Dissolved	<	0.062	µg/L	EPA 200.8	0.062	0.1	WKL	
ME-SCR	2021/22-2	Wet	12/15/2021 8:30:00 AM	1/4/2022 5:38:00 PM	Beryllium	Total	=	41	µg/L	EPA 200.8	0.31	0.5	WKL	
ME-SCR	2021/22-2	Wet	12/15/2021 8:30:00 AM	1/4/2022 5:35:00 PM	Cadmium	Dissolved	DNQ	0.057	µg/L	EPA 200.8	0.042	0.2	WKL	
ME-SCR	2021/22-2	Wet	12/15/2021 8:30:00 AM	1/4/2022 5:38:00 PM	Cadmium	Total	=	34	µg/L	EPA 200.8	0.21	1	WKL	
ME-SCR	2021/22-2	Wet	12/15/2021 8:30:00 AM	1/4/2022 5:35:00 PM	Chromium	Dissolved	<	0.089	µg/L	EPA 200.8	0.089	0.2	WKL	
ME-SCR	2021/22-2	Wet	12/15/2021 8:30:00 AM	1/4/2022 5:38:00 PM	Chromium	Total	=	690	µg/L	EPA 200.8	0.44	1	WKL	
ME-SCR	2021/22-2	Wet	12/15/2021 8:30:00 AM	12/20/2021 1:53:00 PM	Chromium VI	n/a	<	0.0079	µg/L	EPA 218.6	0.0079	0.02	WKL	
ME-SCR	2021/22-2	Wet	12/15/2021 8:30:00 AM	1/4/2022 5:35:00 PM	Copper	Dissolved	=	6.5	µg/L	EPA 200.8	0.23	0.5	WKL	
ME-SCR	2021/22-2	Wet	12/15/2021 8:30:00 AM	1/4/2022 5:38:00 PM	Copper	Total	=	830	µg/L	EPA 200.8	1.1	2.5	WKL	
ME-SCR	2021/22-2	Wet	12/15/2021 8:30:00 AM	1/4/2022 5:35:00 PM	Iron	Dissolved	DNQ	17	µg/L	EPA 200.8	3.9	20	WKL	
ME-SCR	2021/22-2	Wet	12/15/2021 8:30:00 AM	1/4/2022 6:36:00 PM	Iron	Total	=	1300000	µg/L	EPA 200.8	390	2000	WKL	
ME-SCR	2021/22-2	Wet	12/15/2021 8:30:00 AM	1/4/2022 5:35:00 PM	Lead	Dissolved	<	0.083	µg/L	EPA 200.8	0.083	0.2	WKL	
ME-SCR	2021/22-2	Wet	12/15/2021 8:30:00 AM	1/4/2022 5:38:00 PM	Lead	Total	=	480	µg/L	EPA 200.8	0.41	1	WKL	
ME-SCR	2021/22-2	Wet	12/15/2021 8:30:00 AM	12/27/2021 3:52:00 PM	Mercury	Dissolved	DNQ	19	ng/L	EPA 245.1	17	50	WKL	UL-MB
ME-SCR	2021/22-2	Wet	12/15/2021 8:30:00 AM	12/27/2021 3:54:00 PM	Mercury	Total	=	2400	ng/L	EPA 245.1	17	50	WKL	
ME-SCR	2021/22-2	Wet	12/15/2021 8:30:00 AM	1/4/2022 5:35:00 PM	Nickel	Dissolved	=	5.8	µg/L	EPA 200.8	0.16	2	WKL	
ME-SCR	2021/22-2	Wet	12/15/2021 8:30:00 AM	1/4/2022 5:38:00 PM	Nickel	Total	=	850	µg/L	EPA 200.8	0.82	10	WKL	
ME-SCR	2021/22-2	Wet	12/15/2021 8:30:00 AM	1/4/2022 5:35:00 PM	Selenium	Dissolved	=	5.4	µg/L	EPA 200.8	0.067	0.4	WKL	
ME-SCR	2021/22-2	Wet	12/15/2021 8:30:00 AM	1/4/2022 5:38:00 PM	Selenium	Total	=	24	µg/L	EPA 200.8	0.33	2	WKL	
ME-SCR	2021/22-2	Wet	12/15/2021 8:30:00 AM	1/4/2022 5:35:00 PM	Silver	Dissolved	<	0.03	µg/L	EPA 200.8	0.03	0.2	WKL	
ME-SCR	2021/22-2	Wet	12/15/2021 8:30:00 AM	1/4/2022 5:38:00 PM	Silver	Total	=	2.4	µg/L	EPA 200.8	0.15	1	WKL	
ME-SCR	2021/22-2	Wet	12/15/2021 8:30:00 AM	1/4/2022 5:35:00 PM	Thallium	Dissolved	DNQ	0.035	µg/L	EPA 200.8	0.021	0.2	WKL	
ME-SCR	2021/22-2	Wet	12/15/2021 8:30:00 AM	1/4/2022 5:38:00 PM	Thallium	Total	=	11	µg/L	EPA 200.8	0.1	1	WKL	
ME-SCR	2021/22-2	Wet	12/15/2021 8:30:00 AM	1/4/2022 5:35:00 PM	Zinc	Dissolved	DNQ	1.1	µg/L	EPA 200.8	0.8	10	WKL	
ME-SCR	2021/22-2	Wet	12/15/2021 8:30:00 AM	1/4/2022 5:38:00 PM	Zinc	Total	=	3300	µg/L	EPA 200.8	4	50	WKL	
ME-SCR	2021/22-2	Wet	12/15/2021 8:30:00 AM	12/29/2021 4:45:00 PM	Ammonia as N	n/a	=	0.93	mg/L	EPA 350.1	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
ME-SCR	2021/22-2	Wet	12/15/2021 8:30:00 AM	1/11/2022 3:23:00 PM	Nitrate + Nitrite as N	n/a	=	5.7	mg/L	EPA 353.2	0.036	0.2	WKL	
ME-SCR	2021/22-2	Wet	12/15/2021 8:30:00 AM	12/28/2021 1:43:00 PM	Phosphorus as P	Dissolved	DNQ	0.04	mg/L	EPA 200.7	0.018	0.05	WKL	
ME-SCR	2021/22-2	Wet	12/15/2021 8:30:00 AM	12/28/2021 1:46:00 PM	Phosphorus as P	Total	=	33	mg/L	EPA 200.7	0.09	0.25	WKL	
ME-SCR	2021/22-2	Wet	12/15/2021 8:30:00 AM	1/12/2022 4:42:00 PM	TKN	n/a	=	42	mg/L	EPA 351.2	2.6	4	WKL	
ME-SCR	2021/22-2	Wet	12/15/2021 8:30:00 AM	1/18/2022 9:16:00 PM	1,2,4-Trichlorobenzene	n/a	<	0.49	µg/L	EPA 625.1	0.49	1	WKL	
ME-SCR	2021/22-2	Wet	12/15/2021 8:30:00 AM	1/18/2022 9:16:00 PM	1,2-Dichlorobenzene	n/a	<	0.46	µg/L	EPA 625.1	0.46	1	WKL	
ME-SCR	2021/22-2	Wet	12/15/2021 8:30:00 AM	1/18/2022 9:16:00 PM	1,2-Diphenylhydrazine	n/a	<	0.3	µg/L	EPA 625.1	0.3	1	WKL	
ME-SCR	2021/22-2	Wet	12/15/2021 8:30:00 AM	1/18/2022 9:16:00 PM	1,3-Dichlorobenzene	n/a	<	0.42	µg/L	EPA 625.1	0.42	1	WKL	
ME-SCR	2021/22-2	Wet	12/15/2021 8:30:00 AM	1/18/2022 9:16:00 PM	1,4-Dichlorobenzene	n/a	<	0.48	µg/L	EPA 625.1	0.48	1	WKL	
ME-SCR	2021/22-2	Wet	12/15/2021 8:30:00 AM	1/15/2022 8:49:00 AM	1-Methylnaphthalene	n/a	<	0.024	µg/L	EPA 8270C	0.024	0.1	WKL	
ME-SCR	2021/22-2	Wet	12/15/2021 8:30:00 AM	1/14/2022 3:08:00 AM	2,4,5-Trichlorophenol	n/a	<	0.29	µg/L	EPA 8270C	0.29	1	WKL	
ME-SCR	2021/22-2	Wet	12/15/2021 8:30:00 AM	1/18/2022 9:16:00 PM	2,4,6-Trichlorophenol	n/a	<	0.22	µg/L	EPA 625.1	0.22	1	WKL	
ME-SCR	2021/22-2	Wet	12/15/2021 8:30:00 AM	1/14/2022 3:08:00 AM	2,4,6-Trichlorophenol	n/a	<	0.3	µg/L	EPA 8270C	0.3	1	WKL	
ME-SCR	2021/22-2	Wet	12/15/2021 8:30:00 AM	1/14/2022 3:08:00 AM	2,4-Dichlorophenol	n/a	<	0.51	µg/L	EPA 8270C	0.51	1	WKL	
ME-SCR	2021/22-2	Wet	12/15/2021 8:30:00 AM	1/18/2022 9:16:00 PM	2,4-Dichlorophenol	n/a	<	0.26	µg/L	EPA 625.1	0.26	1	WKL	
ME-SCR	2021/22-2	Wet	12/15/2021 8:30:00 AM	1/18/2022 9:16:00 PM	2,4-Dimethylphenol	n/a	<	0.76	µg/L	EPA 625.1	0.76	1	WKL	LCSRPD, LB-L
ME-SCR	2021/22-2	Wet	12/15/2021 8:30:00 AM	1/14/2022 3:08:00 AM	2,4-Dimethylphenol	n/a	<	1	µg/L	EPA 8270C	1	2	WKL	EST-LCSRPD
ME-SCR	2021/22-2	Wet	12/15/2021 8:30:00 AM	1/18/2022 9:16:00 PM	2,4-Dinitrophenol	n/a	<	1.9	µg/L	EPA 625.1	1.9	10	WKL	
ME-SCR	2021/22-2	Wet	12/15/2021 8:30:00 AM	1/14/2022 3:08:00 AM	2,4-Dinitrophenol	n/a	<	1	µg/L	EPA 8270C	1	2	WKL	
ME-SCR	2021/22-2	Wet	12/15/2021 8:30:00 AM	1/18/2022 9:16:00 PM	2,4-Dinitrotoluene	n/a	<	0.46	µg/L	EPA 625.1	0.46	1	WKL	
ME-SCR	2021/22-2	Wet	12/15/2021 8:30:00 AM	1/18/2022 9:16:00 PM	2,6-Dinitrotoluene	n/a	<	0.27	µg/L	EPA 625.1	0.27	1	WKL	
ME-SCR	2021/22-2	Wet	12/15/2021 8:30:00 AM	1/14/2022 3:08:00 AM	2-Chloronaphthalene	n/a	<	0.45	µg/L	EPA 625.1	0.45	1	WKL	
ME-SCR	2021/22-2	Wet	12/15/2021 8:30:00 AM	1/14/2022 3:08:00 AM	2-Chlorophenol	n/a	<	0.65	µg/L	EPA 8270C	0.65	1	WKL	
ME-SCR	2021/22-2	Wet	12/15/2021 8:30:00 AM	1/18/2022 9:16:00 PM	2-Chlorophenol	n/a	<	0.28	µg/L	EPA 625.1	0.28	1	WKL	
ME-SCR	2021/22-2	Wet	12/15/2021 8:30:00 AM	1/15/2022 8:49:00 AM	2-Methylnaphthalene	n/a	<	0.026	µg/L	EPA 8270C	0.026	0.1	WKL	
ME-SCR	2021/22-2	Wet	12/15/2021 8:30:00 AM	1/14/2022 3:08:00 AM	2-Methylphenol	n/a	<	0.34	µg/L	EPA 8270C	0.34	1	WKL	
ME-SCR	2021/22-2	Wet	12/15/2021 8:30:00 AM	1/18/2022 9:16:00 PM	2-Nitrophenol	n/a	<	0.26	µg/L	EPA 625.1	0.26	1	WKL	
ME-SCR	2021/22-2	Wet	12/15/2021 8:30:00 AM	1/14/2022 3:08:00 AM	2-Nitrophenol	n/a	<	0.71	µg/L	EPA 8270C	0.71	1	WKL	
ME-SCR	2021/22-2	Wet	12/15/2021 8:30:00 AM	1/18/2022 9:16:00 PM	3,3'-Dichlorobenzidine	n/a	<	2.5	µg/L	EPA 625.1	2.5	5	WKL	
ME-SCR	2021/22-2	Wet	12/15/2021 8:30:00 AM	1/14/2022 3:08:00 AM	3-/4-Methylphenol	n/a	<	0.3	µg/L	EPA 8270C	0.3	1	WKL	
ME-SCR	2021/22-2	Wet	12/15/2021 8:30:00 AM	1/14/2022 3:08:00 AM	4,6-Dinitro-2-methylphenol	n/a	<	0.14	µg/L	EPA 8270C	0.14	1	WKL	
ME-SCR	2021/22-2	Wet	12/15/2021 8:30:00 AM	1/18/2022 9:16:00 PM	4,6-Dinitro-2-methylphenol	n/a	<	0.5	µg/L	EPA 625.1	0.5	5	WKL	
ME-SCR	2021/22-2	Wet	12/15/2021 8:30:00 AM	1/18/2022 9:16:00 PM	4-Bromophenyl phenyl ether	n/a	<	0.36	µg/L	EPA 625.1	0.36	1	WKL	
ME-SCR	2021/22-2	Wet	12/15/2021 8:30:00 AM	1/14/2022 3:08:00 AM	4-Chloro-3-methylphenol	n/a	<	0.37	µg/L	EPA 8270C	0.37	1	WKL	
ME-SCR	2021/22-2	Wet	12/15/2021 8:30:00 AM	1/18/2022 9:16:00 PM	4-Chloro-3-methylphenol	n/a	<	0.23	µg/L	EPA 625.1	0.23	1	WKL	
ME-SCR	2021/22-2	Wet	12/15/2021 8:30:00 AM	1/18/2022 9:16:00 PM	4-Chlorophenyl phenyl ether	n/a	<	0.41	µg/L	EPA 625.1	0.41	1	WKL	
ME-SCR	2021/22-2	Wet	12/15/2021 8:30:00 AM	1/18/2022 9:16:00 PM	4-Nitrophenol	n/a	<	1.2	µg/L	EPA 625.1	1.2	5	WKL	
ME-SCR	2021/22-2	Wet	12/15/2021 8:30:00 AM	1/14/2022 3:08:00 AM	4-Nitrophenol	n/a	<	1	µg/L	EPA 8270C	1	2	WKL	
ME-SCR	2021/22-2	Wet	12/15/2021 8:30:00 AM	1/18/2022 9:16:00 PM	Acenaphthene	n/a	<	0.38	µg/L	EPA 625.1	0.38	1	WKL	
ME-SCR	2021/22-2	Wet	12/15/2021 8:30:00 AM	1/15/2022 8:49:00 AM	Acenaphthene	n/a	<	0.028	µg/L	EPA 8270C	0.028	0.1	WKL	
ME-SCR	2021/22-2	Wet	12/15/2021 8:30:00 AM	1/18/2022 9:16:00 PM	Acenaphthylene	n/a	<	0.35	µg/L	EPA 625.1	0.35	1	WKL	
ME-SCR	2021/22-2	Wet	12/15/2021 8:30:00 AM	1/15/2022 8:49:00 AM	Acenaphthylene	n/a	<	0.033	µg/L	EPA 8270C	0.033	0.1	WKL	
ME-SCR	2021/22-2	Wet	12/15/2021 8:30:00 AM	1/15/2022 8:49:00 AM	Anthracene	n/a	<	0.025	µg/L	EPA 8270C	0.025	0.1	WKL	
ME-SCR	2021/22-2	Wet	12/15/2021 8:30:00 AM	1/18/2022 9:16:00 PM	Anthracene	n/a	<	0.41	µg/L	EPA 625.1	0.41	1	WKL	
ME-SCR	2021/22-2	Wet	12/15/2021 8:30:00 AM	1/15/2022 8:49:00 AM	Benz(a)anthracene	n/a	<	0.051	µg/L	EPA 8270C	0.051	0.1	WKL	
ME-SCR	2021/22-2	Wet	12/15/2021 8:30:00 AM	1/18/2022 9:16:00 PM	Benz(a)anthracene	n/a	<	0.19	µg/L	EPA 625.1	0.19	1	WKL	
ME-SCR	2021/22-2	Wet	12/15/2021 8:30:00 AM	1/18/2022 9:16:00 PM	Benzenidine	n/a	<	3.2	µg/L	EPA 625.1	3.2	10	WKL	
ME-SCR	2021/22-2	Wet	12/15/2021 8:30:00 AM	12/27/2021 7:23:00 PM	Benzo(a)pyrene	n/a	<	0.2	µg/L	EPA 525.2	0.2	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	2021/22-2	Wet	12/15/2021 8:30:00 AM	1/18/2022 9:16:00 PM	Benzo(a)pyrene	n/a	<	0.39	µg/L	EPA 625.1	0.39	1	WKL	
ME-SCR	2021/22-2	Wet	12/15/2021 8:30:00 AM	1/15/2022 8:49:00 AM	Benzo(a)pyrene	n/a	<	0.051	µg/L	EPA 8270C	0.051	0.1	WKL	
ME-SCR	2021/22-2	Wet	12/15/2021 8:30:00 AM	1/18/2022 9:16:00 PM	Benzo(b)fluoranthene	n/a	<	0.46	µg/L	EPA 625.1	0.46	1	WKL	
ME-SCR	2021/22-2	Wet	12/15/2021 8:30:00 AM	1/15/2022 8:49:00 AM	Benzo(b)fluoranthene	n/a	<	0.074	µg/L	EPA 8270C	0.074	0.1	WKL	
ME-SCR	2021/22-2	Wet	12/15/2021 8:30:00 AM	1/15/2022 8:49:00 AM	Benzo(g,h,i)perylene	n/a	<	0.05	µg/L	EPA 8270C	0.05	0.1	WKL	
ME-SCR	2021/22-2	Wet	12/15/2021 8:30:00 AM	1/18/2022 9:16:00 PM	Benzo(g,h,i)perylene	n/a	<	0.42	µg/L	EPA 625.1	0.42	2	WKL	
ME-SCR	2021/22-2	Wet	12/15/2021 8:30:00 AM	1/18/2022 9:16:00 PM	Benzo(k)fluoranthene	n/a	<	0.22	µg/L	EPA 625.1	0.22	1	WKL	
ME-SCR	2021/22-2	Wet	12/15/2021 8:30:00 AM	1/15/2022 8:49:00 AM	Benzo(k)fluoranthene	n/a	<	0.026	µg/L	EPA 8270C	0.026	0.1	WKL	
ME-SCR	2021/22-2	Wet	12/15/2021 8:30:00 AM	1/18/2022 9:16:00 PM	Bis(2-chloroethoxy)methane	n/a	<	0.25	µg/L	EPA 625.1	0.25	1	WKL	
ME-SCR	2021/22-2	Wet	12/15/2021 8:30:00 AM	1/18/2022 9:16:00 PM	Bis(2-chloroethyl)ether	n/a	<	0.27	µg/L	EPA 625.1	0.27	1	WKL	
ME-SCR	2021/22-2	Wet	12/15/2021 8:30:00 AM	1/18/2022 9:16:00 PM	Bis(2-chloroisopropyl)ether	n/a	<	0.38	µg/L	EPA 625.1	0.38	1	WKL	
ME-SCR	2021/22-2	Wet	12/15/2021 8:30:00 AM	12/27/2021 7:23:00 PM	Bis(2-ethylhexyl)adipate	n/a	<	4.2	µg/L	EPA 525.2	4.2	50	WKL	
ME-SCR	2021/22-2	Wet	12/15/2021 8:30:00 AM	1/18/2022 9:16:00 PM	Bis(2-ethylhexyl)phthalate	n/a	=	10	µg/L	EPA 625.1	2.3	5	WKL	Q
ME-SCR	2021/22-2	Wet	12/15/2021 8:30:00 AM	12/27/2021 7:23:00 PM	Bis(2-ethylhexyl)phthalate	n/a	<	4.1	µg/L	EPA 525.2	4.1	30	WKL	
ME-SCR	2021/22-2	Wet	12/15/2021 8:30:00 AM	1/18/2022 9:16:00 PM	Butyl benzyl phthalate	n/a	DNQ	0.73	µg/L	EPA 625.1	0.49	1	WKL	
ME-SCR	2021/22-2	Wet	12/15/2021 8:30:00 AM	1/15/2022 8:49:00 AM	Chrysene	n/a	<	0.074	µg/L	EPA 8270C	0.074	0.1	WKL	
ME-SCR	2021/22-2	Wet	12/15/2021 8:30:00 AM	1/18/2022 9:16:00 PM	Chrysene	n/a	<	0.19	µg/L	EPA 625.1	0.19	1	WKL	
ME-SCR	2021/22-2	Wet	12/15/2021 8:30:00 AM	1/15/2022 8:49:00 AM	Dibenz(a,h)anthracene	n/a	<	0.036	µg/L	EPA 8270C	0.036	0.1	WKL	
ME-SCR	2021/22-2	Wet	12/15/2021 8:30:00 AM	1/18/2022 9:16:00 PM	Dibenz(a,h)anthracene	n/a	<	0.15	µg/L	EPA 625.1	0.15	2	WKL	
ME-SCR	2021/22-2	Wet	12/15/2021 8:30:00 AM	1/18/2022 9:16:00 PM	Diethyl phthalate	n/a	<	0.35	µg/L	EPA 625.1	0.35	1	WKL	
ME-SCR	2021/22-2	Wet	12/15/2021 8:30:00 AM	1/18/2022 9:16:00 PM	Dimethyl phthalate	n/a	<	0.18	µg/L	EPA 625.1	0.18	1	WKL	
ME-SCR	2021/22-2	Wet	12/15/2021 8:30:00 AM	1/18/2022 9:16:00 PM	Di-n-butylphthalate	n/a	DNQ	0.4	µg/L	EPA 625.1	0.34	1	WKL	
ME-SCR	2021/22-2	Wet	12/15/2021 8:30:00 AM	1/18/2022 9:16:00 PM	Di-n-octylphthalate	n/a	<	0.46	µg/L	EPA 625.1	0.46	1	WKL	
ME-SCR	2021/22-2	Wet	12/15/2021 8:30:00 AM	1/18/2022 9:16:00 PM	Fluoranthene	n/a	<	0.35	µg/L	EPA 625.1	0.35	1	WKL	
ME-SCR	2021/22-2	Wet	12/15/2021 8:30:00 AM	1/15/2022 8:49:00 AM	Fluoranthene	n/a	DNQ	0.043	µg/L	EPA 8270C	0.039	0.1	WKL	
ME-SCR	2021/22-2	Wet	12/15/2021 8:30:00 AM	1/18/2022 9:16:00 PM	Fluorene	n/a	<	0.35	µg/L	EPA 625.1	0.35	1	WKL	
ME-SCR	2021/22-2	Wet	12/15/2021 8:30:00 AM	1/15/2022 8:49:00 AM	Fluorene	n/a	<	0.029	µg/L	EPA 8270C	0.029	0.1	WKL	
ME-SCR	2021/22-2	Wet	12/15/2021 8:30:00 AM	1/18/2022 9:16:00 PM	Hexachlorobenzene	n/a	<	0.49	µg/L	EPA 625.1	0.49	1	WKL	
ME-SCR	2021/22-2	Wet	12/15/2021 8:30:00 AM	1/18/2022 9:16:00 PM	Hexachlorobutadiene	n/a	<	0.47	µg/L	EPA 625.1	0.47	1	WKL	
ME-SCR	2021/22-2	Wet	12/15/2021 8:30:00 AM	12/27/2021 7:23:00 PM	Hexachlorocyclopentadiene	n/a	<	0.92	µg/L	EPA 525.2	0.92	10	WKL	
ME-SCR	2021/22-2	Wet	12/15/2021 8:30:00 AM	1/18/2022 9:16:00 PM	Hexachlorocyclopentadiene	n/a	<	0.31	µg/L	EPA 625.1	0.31	5	WKL	
ME-SCR	2021/22-2	Wet	12/15/2021 8:30:00 AM	1/18/2022 9:16:00 PM	Hexachloroethane	n/a	<	0.5	µg/L	EPA 625.1	0.5	1	WKL	
ME-SCR	2021/22-2	Wet	12/15/2021 8:30:00 AM	1/15/2022 8:49:00 AM	Indeno(1,2,3-cd)pyrene	n/a	<	0.065	µg/L	EPA 8270C	0.065	0.1	WKL	
ME-SCR	2021/22-2	Wet	12/15/2021 8:30:00 AM	1/18/2022 9:16:00 PM	Indeno(1,2,3-cd)pyrene	n/a	<	0.25	µg/L	EPA 625.1	0.25	2	WKL	
ME-SCR	2021/22-2	Wet	12/15/2021 8:30:00 AM	1/18/2022 9:16:00 PM	Isophorone	n/a	<	0.21	µg/L	EPA 625.1	0.21	1	WKL	
ME-SCR	2021/22-2	Wet	12/15/2021 8:30:00 AM	1/15/2022 8:49:00 AM	Naphthalene	n/a	<	0.026	µg/L	EPA 8270C	0.026	0.1	WKL	
ME-SCR	2021/22-2	Wet	12/15/2021 8:30:00 AM	1/18/2022 9:16:00 PM	Naphthalene	n/a	<	0.49	µg/L	EPA 625.1	0.49	1	WKL	
ME-SCR	2021/22-2	Wet	12/15/2021 8:30:00 AM	1/18/2022 9:16:00 PM	Nitrobenzene	n/a	<	0.36	µg/L	EPA 625.1	0.36	1	WKL	
ME-SCR	2021/22-2	Wet	12/15/2021 8:30:00 AM	1/18/2022 9:16:00 PM	N-Nitrosodimethylamine	n/a	<	0.5	µg/L	EPA 625.1	0.5	1	WKL	
ME-SCR	2021/22-2	Wet	12/15/2021 8:30:00 AM	1/18/2022 9:16:00 PM	N-Nitrosodi-N-propylamine	n/a	<	0.26	µg/L	EPA 625.1	0.26	1	WKL	
ME-SCR	2021/22-2	Wet	12/15/2021 8:30:00 AM	1/18/2022 9:16:00 PM	N-Nitrosodiphenylamine	n/a	<	0.19	µg/L	EPA 625.1	0.19	1	WKL	
ME-SCR	2021/22-2	Wet	12/15/2021 8:30:00 AM	1/18/2022 9:16:00 PM	Phenanthrene	n/a	<	0.32	µg/L	EPA 625.1	0.32	1	WKL	
ME-SCR	2021/22-2	Wet	12/15/2021 8:30:00 AM	1/15/2022 8:49:00 AM	Phenanthrene	n/a	<	0.029	µg/L	EPA 8270C	0.029	0.1	WKL	
ME-SCR	2021/22-2	Wet	12/15/2021 8:30:00 AM	1/18/2022 9:16:00 PM	Phenol	n/a	<	0.81	µg/L	EPA 625.1	0.81	1	WKL	
ME-SCR	2021/22-2	Wet	12/15/2021 8:30:00 AM	1/14/2022 3:08:00 AM	Phenol	n/a	<	0.35	µg/L	EPA 8270C	0.35	1	WKL	
ME-SCR	2021/22-2	Wet	12/15/2021 8:30:00 AM	1/15/2022 8:49:00 AM	Pyrene	n/a	DNQ	0.047	µg/L	EPA 8270C	0.04	0.1	WKL	
ME-SCR	2021/22-2	Wet	12/15/2021 8:30:00 AM	1/18/2022 9:16:00 PM	Pyrene	n/a	<	0.25	µg/L	EPA 625.1	0.25	1	WKL	
ME-SCR	2021/22-2	Wet	12/15/2021 8:30:00 AM	1/13/2022 8:31:00 AM	PCB Aroclor 1016	n/a	<	1	µg/L	EPA 608.3	1	1	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
ME-SCR	2021/22-2	Wet	12/15/2021 8:30:00 AM	1/13/2022 8:31:00 AM	PCB Aroclor 1221	n/a	<	1	µg/L	EPA 608.3	1	1	WKL	
ME-SCR	2021/22-2	Wet	12/15/2021 8:30:00 AM	1/13/2022 8:31:00 AM	PCB Aroclor 1232	n/a	<	1	µg/L	EPA 608.3	1	1	WKL	
ME-SCR	2021/22-2	Wet	12/15/2021 8:30:00 AM	1/13/2022 8:31:00 AM	PCB Aroclor 1242	n/a	<	1	µg/L	EPA 608.3	1	1	WKL	
ME-SCR	2021/22-2	Wet	12/15/2021 8:30:00 AM	1/13/2022 8:31:00 AM	PCB Aroclor 1248	n/a	<	1	µg/L	EPA 608.3	1	1	WKL	
ME-SCR	2021/22-2	Wet	12/15/2021 8:30:00 AM	1/13/2022 8:31:00 AM	PCB Aroclor 1254	n/a	<	1	µg/L	EPA 608.3	1	1	WKL	
ME-SCR	2021/22-2	Wet	12/15/2021 8:30:00 AM	1/13/2022 8:31:00 AM	PCB Aroclor 1260	n/a	<	0.11	µg/L	EPA 608.3	0.11	1	WKL	
ME-SCR	2021/22-2	Wet	12/15/2021 8:30:00 AM	1/6/2022 6:59:00 PM	2,4,5-T	n/a	<	0.03	µg/L	EPA 515.4	0.03	0.2	WKL	
ME-SCR	2021/22-2	Wet	12/15/2021 8:30:00 AM	1/6/2022 6:59:00 PM	2,4,5-TP	n/a	<	0.026	µg/L	EPA 515.4	0.026	0.2	WKL	
ME-SCR	2021/22-2	Wet	12/15/2021 8:30:00 AM	1/6/2022 6:59:00 PM	2,4-D	n/a	<	0.14	µg/L	EPA 515.4	0.14	0.4	WKL	
ME-SCR	2021/22-2	Wet	12/15/2021 8:30:00 AM	1/6/2022 6:59:00 PM	2,4-DB	n/a	<	0.19	µg/L	EPA 515.4	0.19	2	WKL	
ME-SCR	2021/22-2	Wet	12/15/2021 8:30:00 AM	1/6/2022 6:59:00 PM	3,5-Dichlorobenzoic acid	n/a	<	0.12	µg/L	EPA 515.4	0.12	1	WKL	
ME-SCR	2021/22-2	Wet	12/15/2021 8:30:00 AM	1/13/2022 8:31:00 AM	4,4'-DDD	n/a	<	0.0014	µg/L	EPA 608.3	0.0014	0.1	WKL	
ME-SCR	2021/22-2	Wet	12/15/2021 8:30:00 AM	1/13/2022 8:31:00 AM	4,4'-DDE	n/a	<	0.0014	µg/L	EPA 608.3	0.0014	0.1	WKL	
ME-SCR	2021/22-2	Wet	12/15/2021 8:30:00 AM	1/13/2022 8:31:00 AM	4,4'-DDT	n/a	<	0.0022	µg/L	EPA 608.3	0.0022	0.02	WKL	
ME-SCR	2021/22-2	Wet	12/15/2021 8:30:00 AM	1/6/2022 6:59:00 PM	Acifluorfen	n/a	<	0.03	µg/L	EPA 515.4	0.03	0.4	WKL	
ME-SCR	2021/22-2	Wet	12/15/2021 8:30:00 AM	12/27/2021 7:23:00 PM	Alachlor	n/a	<	0.3	µg/L	EPA 525.2	0.3	1	WKL	
ME-SCR	2021/22-2	Wet	12/15/2021 8:30:00 AM	1/13/2022 8:31:00 AM	Aldrin	n/a	<	0.002	µg/L	EPA 608.3	0.002	0.01	WKL	
ME-SCR	2021/22-2	Wet	12/15/2021 8:30:00 AM	1/13/2022 8:31:00 AM	alpha-BHC	n/a	<	0.0022	µg/L	EPA 608.3	0.0022	0.02	WKL	
ME-SCR	2021/22-2	Wet	12/15/2021 8:30:00 AM	1/13/2022 8:31:00 AM	alpha-Chlordane	n/a	<	0.0058	µg/L	EPA 608.3	0.0058	0.02	WKL	
ME-SCR	2021/22-2	Wet	12/15/2021 8:30:00 AM	12/27/2021 7:23:00 PM	Atrazine	n/a	<	0.11	µg/L	EPA 525.2	0.11	1	WKL	
ME-SCR	2021/22-2	Wet	12/15/2021 8:30:00 AM	1/11/2022 3:11:00 AM	Azinphos methyl	n/a	<	0.028	µg/L	EPA 625.1m	0.028	0.05	WKL	
ME-SCR	2021/22-2	Wet	12/15/2021 8:30:00 AM	1/6/2022 6:59:00 PM	Bentazon	n/a	<	2	µg/L	EPA 515.4	2	2	WKL	
ME-SCR	2021/22-2	Wet	12/15/2021 8:30:00 AM	1/13/2022 8:31:00 AM	beta-BHC	n/a	<	0.003	µg/L	EPA 608.3	0.003	0.01	WKL	
ME-SCR	2021/22-2	Wet	12/15/2021 8:30:00 AM	1/11/2022 3:11:00 AM	Bolstar	n/a	<	0.023	µg/L	EPA 625.1m	0.023	0.05	WKL	
ME-SCR	2021/22-2	Wet	12/15/2021 8:30:00 AM	12/27/2021 7:23:00 PM	Bromacil	n/a	<	0.7	µg/L	EPA 525.2	0.7	5	WKL	
ME-SCR	2021/22-2	Wet	12/15/2021 8:30:00 AM	12/27/2021 7:23:00 PM	Butachlor	n/a	<	0.12	µg/L	EPA 525.2	0.12	1	WKL	
ME-SCR	2021/22-2	Wet	12/15/2021 8:30:00 AM	12/27/2021 7:23:00 PM	Captan	n/a	<	3.2	µg/L	EPA 525.2	3.2	10	WKL	
ME-SCR	2021/22-2	Wet	12/15/2021 8:30:00 AM	1/13/2022 8:31:00 AM	Chlordane (technical)	n/a	<	0.2	µg/L	EPA 608.3	0.2	0.2	WKL	
ME-SCR	2021/22-2	Wet	12/15/2021 8:30:00 AM	12/27/2021 7:23:00 PM	Chlorpropham	n/a	<	0.4	µg/L	EPA 525.2	0.4	1	WKL	
ME-SCR	2021/22-2	Wet	12/15/2021 8:30:00 AM	1/11/2022 3:11:00 AM	Chlorpyrifos	n/a	<	0.034	µg/L	EPA 625.1m	0.034	0.05	WKL	
ME-SCR	2021/22-2	Wet	12/15/2021 8:30:00 AM	1/11/2022 3:11:00 AM	Coumaphos	n/a	<	0.026	µg/L	EPA 625.1m	0.026	0.05	WKL	
ME-SCR	2021/22-2	Wet	12/15/2021 8:30:00 AM	1/6/2022 6:59:00 PM	Dalapon	n/a	<	0.11	µg/L	EPA 515.4	0.11	0.4	WKL	
ME-SCR	2021/22-2	Wet	12/15/2021 8:30:00 AM	1/6/2022 6:59:00 PM	DCPA (Dacthal)	n/a	=	0.17	µg/L	EPA 515.4	0.029	0.1	WKL	
ME-SCR	2021/22-2	Wet	12/15/2021 8:30:00 AM	1/13/2022 8:31:00 AM	delta-BHC	n/a	<	0.0038	µg/L	EPA 608.3	0.0038	0.01	WKL	EST-LCSRPD
ME-SCR	2021/22-2	Wet	12/15/2021 8:30:00 AM	1/11/2022 3:11:00 AM	Demeton-O	n/a	<	0.05	µg/L	EPA 625.1m	0.05	0.05	WKL	
ME-SCR	2021/22-2	Wet	12/15/2021 8:30:00 AM	1/11/2022 3:11:00 AM	Demeton-S	n/a	<	0.05	µg/L	EPA 625.1m	0.05	0.05	WKL	LB-LCSR
ME-SCR	2021/22-2	Wet	12/15/2021 8:30:00 AM	1/11/2022 3:11:00 AM	Diazinon	n/a	<	0.026	µg/L	EPA 625.1m	0.026	0.05	WKL	LB-LCSR
ME-SCR	2021/22-2	Wet	12/15/2021 8:30:00 AM	12/27/2021 7:23:00 PM	Diazinon	n/a	<	0.22	µg/L	EPA 525.2	0.22	1	WKL	
ME-SCR	2021/22-2	Wet	12/15/2021 8:30:00 AM	1/6/2022 6:59:00 PM	Dicamba	n/a	<	0.049	µg/L	EPA 515.4	0.049	0.6	WKL	
ME-SCR	2021/22-2	Wet	12/15/2021 8:30:00 AM	1/6/2022 6:59:00 PM	Dichlorprop	n/a	<	0.12	µg/L	EPA 515.4	0.12	0.3	WKL	
ME-SCR	2021/22-2	Wet	12/15/2021 8:30:00 AM	1/11/2022 3:11:00 AM	Dichlorvos	n/a	<	0.014	µg/L	EPA 625.1m	0.014	0.05	WKL	
ME-SCR	2021/22-2	Wet	12/15/2021 8:30:00 AM	1/13/2022 8:31:00 AM	Dieldrin	n/a	DNQ	0.0038	µg/L	EPA 608.3	0.0016	0.02	WKL	
ME-SCR	2021/22-2	Wet	12/15/2021 8:30:00 AM	1/11/2022 3:11:00 AM	Dimethoate	n/a	<	0.031	µg/L	EPA 625.1m	0.031	0.05	WKL	
ME-SCR	2021/22-2	Wet	12/15/2021 8:30:00 AM	12/27/2021 7:23:00 PM	Dimethoate	n/a	<	0.2	µg/L	EPA 525.2	0.2	2	WKL	
ME-SCR	2021/22-2	Wet	12/15/2021 8:30:00 AM	1/6/2022 6:59:00 PM	Dinoseb	n/a	<	0.033	µg/L	EPA 515.4	0.033	0.4	WKL	
ME-SCR	2021/22-2	Wet	12/15/2021 8:30:00 AM	12/27/2021 7:23:00 PM	Diphenamid	n/a	<	0.3	µg/L	EPA 525.2	0.3	1	WKL	
ME-SCR	2021/22-2	Wet	12/15/2021 8:30:00 AM	12/27/2021 7:23:00 PM	Disulfoton	n/a	<	0.15	µg/L	EPA 525.2	0.15	1	WKL	
ME-SCR	2021/22-2	Wet	12/15/2021 8:30:00 AM	1/11/2022 3:11:00 AM	Disulfoton	n/a	<	0.05	µg/L	EPA 625.1m	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
ME-SCR	2021/22-2	Wet	12/15/2021 8:30:00 AM	1/13/2022 8:31:00 AM	Endosulfan I	n/a	<	0.0018	µg/L	EPA 608.3	0.0018	0.04	WKL	
ME-SCR	2021/22-2	Wet	12/15/2021 8:30:00 AM	1/13/2022 8:31:00 AM	Endosulfan II	n/a	<	0.0014	µg/L	EPA 608.3	0.0014	0.02	WKL	
ME-SCR	2021/22-2	Wet	12/15/2021 8:30:00 AM	1/13/2022 8:31:00 AM	Endosulfan sulfate	n/a	<	0.0026	µg/L	EPA 608.3	0.0026	0.1	WKL	
ME-SCR	2021/22-2	Wet	12/15/2021 8:30:00 AM	1/13/2022 8:31:00 AM	Endrin	n/a	<	0.0034	µg/L	EPA 608.3	0.0034	0.02	WKL	
ME-SCR	2021/22-2	Wet	12/15/2021 8:30:00 AM	1/13/2022 8:31:00 AM	Endrin aldehyde	n/a	<	0.0038	µg/L	EPA 608.3	0.0038	0.02	WKL	
ME-SCR	2021/22-2	Wet	12/15/2021 8:30:00 AM	12/27/2021 7:23:00 PM	EPTC	n/a	<	0.2	µg/L	EPA 525.2	0.2	1	WKL	
ME-SCR	2021/22-2	Wet	12/15/2021 8:30:00 AM	1/11/2022 3:11:00 AM	Ethoprop	n/a	<	0.034	µg/L	EPA 625.1m	0.034	0.05	WKL	
ME-SCR	2021/22-2	Wet	12/15/2021 8:30:00 AM	1/11/2022 3:11:00 AM	Ethyl parathion	n/a	<	0.027	µg/L	EPA 625.1m	0.027	0.05	WKL	
ME-SCR	2021/22-2	Wet	12/15/2021 8:30:00 AM	1/11/2022 3:11:00 AM	Fensulfothion	n/a	<	0.014	µg/L	EPA 625.1m	0.014	0.05	WKL	
ME-SCR	2021/22-2	Wet	12/15/2021 8:30:00 AM	1/11/2022 3:11:00 AM	Fenthion	n/a	<	0.019	µg/L	EPA 625.1m	0.019	0.05	WKL	
ME-SCR	2021/22-2	Wet	12/15/2021 8:30:00 AM	1/13/2022 8:31:00 AM	gamma-BHC (Lindane)	n/a	<	0.0008	µg/L	EPA 608.3	0.0008	0.04	WKL	
ME-SCR	2021/22-2	Wet	12/15/2021 8:30:00 AM	1/13/2022 8:31:00 AM	gamma-Chlordane	n/a	<	0.0046	µg/L	EPA 608.3	0.0046	0.02	WKL	
ME-SCR	2021/22-2	Wet	12/15/2021 8:30:00 AM	12/17/2021 3:06:00 AM	Glyphosate	n/a	<	18	µg/L	EPA 547	18	50	WKL	
ME-SCR	2021/22-2	Wet	12/15/2021 8:30:00 AM	1/13/2022 8:31:00 AM	Heptachlor	n/a	<	0.0012	µg/L	EPA 608.3	0.0012	0.02	WKL	
ME-SCR	2021/22-2	Wet	12/15/2021 8:30:00 AM	1/13/2022 8:31:00 AM	Heptachlor epoxide	n/a	<	0.0008	µg/L	EPA 608.3	0.0008	0.02	WKL	
ME-SCR	2021/22-2	Wet	12/15/2021 8:30:00 AM	1/11/2022 3:11:00 AM	Malathion	n/a	<	0.038	µg/L	EPA 625.1m	0.038	0.05	WKL	
ME-SCR	2021/22-2	Wet	12/15/2021 8:30:00 AM	1/11/2022 3:11:00 AM	Merphos	n/a	<	0.029	µg/L	EPA 625.1m	0.029	0.05	WKL	
ME-SCR	2021/22-2	Wet	12/15/2021 8:30:00 AM	1/11/2022 3:11:00 AM	Methyl parathion	n/a	<	0.032	µg/L	EPA 625.1m	0.032	0.05	WKL	
ME-SCR	2021/22-2	Wet	12/15/2021 8:30:00 AM	12/27/2021 7:23:00 PM	Metolachlor	n/a	<	0.3	µg/L	EPA 525.2	0.3	1	WKL	
ME-SCR	2021/22-2	Wet	12/15/2021 8:30:00 AM	12/27/2021 7:23:00 PM	Metribuzin	n/a	<	0.3	µg/L	EPA 525.2	0.3	1	WKL	
ME-SCR	2021/22-2	Wet	12/15/2021 8:30:00 AM	1/11/2022 3:11:00 AM	Mevinphos	n/a	<	0.021	µg/L	EPA 625.1m	0.021	0.05	WKL	LB-LCSR
ME-SCR	2021/22-2	Wet	12/15/2021 8:30:00 AM	12/27/2021 7:23:00 PM	Molinate	n/a	<	0.3	µg/L	EPA 525.2	0.3	1	WKL	
ME-SCR	2021/22-2	Wet	12/15/2021 8:30:00 AM	1/11/2022 3:11:00 AM	Naled	n/a	<	0.038	µg/L	EPA 625.1m	0.038	0.05	WKL	
ME-SCR	2021/22-2	Wet	12/15/2021 8:30:00 AM	1/6/2022 6:59:00 PM	Pentachlorophenol	n/a	<	0.046	µg/L	EPA 515.4	0.046	0.2	WKL	
ME-SCR	2021/22-2	Wet	12/15/2021 8:30:00 AM	1/18/2022 9:16:00 PM	Pentachlorophenol	n/a	<	0.4	µg/L	EPA 625.1	0.4	1	WKL	
ME-SCR	2021/22-2	Wet	12/15/2021 8:30:00 AM	1/14/2022 3:08:00 AM	Pentachlorophenol	n/a	<	0.15	µg/L	EPA 8270C	0.15	1	WKL	
ME-SCR	2021/22-2	Wet	12/15/2021 8:30:00 AM	1/11/2022 3:11:00 AM	Phorate	n/a	<	0.015	µg/L	EPA 625.1m	0.015	0.05	WKL	
ME-SCR	2021/22-2	Wet	12/15/2021 8:30:00 AM	1/6/2022 6:59:00 PM	Picloram	n/a	<	0.05	µg/L	EPA 515.4	0.05	0.6	WKL	
ME-SCR	2021/22-2	Wet	12/15/2021 8:30:00 AM	12/27/2021 7:23:00 PM	Prometryn	n/a	<	0.3	µg/L	EPA 525.2	0.3	1	WKL	
ME-SCR	2021/22-2	Wet	12/15/2021 8:30:00 AM	1/11/2022 3:11:00 AM	Ronnel (Fenchlorphos)	n/a	<	0.02	µg/L	EPA 625.1m	0.02	0.05	WKL	
ME-SCR	2021/22-2	Wet	12/15/2021 8:30:00 AM	12/27/2021 7:23:00 PM	Simazine	n/a	<	0.2	µg/L	EPA 525.2	0.2	1	WKL	
ME-SCR	2021/22-2	Wet	12/15/2021 8:30:00 AM	1/11/2022 3:11:00 AM	Stirophos (Tetrachlorvinphos)	n/a	<	0.016	µg/L	EPA 625.1m	0.016	0.05	WKL	
ME-SCR	2021/22-2	Wet	12/15/2021 8:30:00 AM	12/27/2021 7:23:00 PM	Terbacil	n/a	<	0.9	µg/L	EPA 525.2	0.9	20	WKL	
ME-SCR	2021/22-2	Wet	12/15/2021 8:30:00 AM	12/27/2021 7:23:00 PM	Thiobencarb	n/a	<	0.3	µg/L	EPA 525.2	0.3	1	WKL	
ME-SCR	2021/22-2	Wet	12/15/2021 8:30:00 AM	1/11/2022 3:11:00 AM	Tokuthion	n/a	<	0.039	µg/L	EPA 625.1m	0.039	0.05	WKL	
ME-SCR	2021/22-2	Wet	12/15/2021 8:30:00 AM	1/13/2022 8:31:00 AM	Toxaphene	n/a	<	2	µg/L	EPA 608.3	2	2	WKL	
ME-SCR	2021/22-2	Wet	12/15/2021 8:30:00 AM	1/11/2022 3:11:00 AM	Trichloronate	n/a	<	0.034	µg/L	EPA 625.1m	0.034	0.05	WKL	
ME-SCR	2021/22-2	Wet	12/15/2021 8:30:00 AM	12/27/2021 7:23:00 PM	Trithion	n/a	<	0.2	µg/L	EPA 525.2	0.2	1	WKL	
ME-SCR	2021/22-3	Wet	3/28/2022 12:15:00 PM	3/29/2022 11:20:00 AM	E. Coli	n/a	=	6488	MPN/100 mL	MMO-MUG	10	10	VCHCA	
ME-SCR	2021/22-3	Wet	3/28/2022 12:15:00 PM	3/29/2022 11:20:00 AM	Total Coliform	n/a	=	155310	MPN/100 mL	MMO-MUG	100	100	VCHCA	
ME-SCR	2021/22-3	Wet	3/28/2022 12:15:00 PM	3/28/2022 12:15:00 PM	Conductivity	n/a	=	497	µmhos/cm	Field Meter	-88	1	Field Crew	
ME-SCR	2021/22-3	Wet	3/28/2022 12:15:00 PM	4/6/2022 2:15:00 PM	Cyanide	Total	<	0.0012	mg/L	ASTM D7511	0.0012	0.002	WKL	
ME-SCR	2021/22-3	Wet	3/28/2022 12:15:00 PM	3/28/2022 12:15:00 PM	DO	n/a	=	7.16	mg/L	Field Meter	-88	0.3	Field Crew	
ME-SCR	2021/22-3	Wet	3/28/2022 12:15:00 PM	3/28/2022 12:15:00 PM	DO	n/a	=	72.3	%	Field Meter	-88	0.1	Field Crew	
ME-SCR	2021/22-3	Wet	3/28/2022 12:15:00 PM	3/28/2022 12:15:00 PM	pH	n/a	=	7.89	pH Units	Field Meter	-88	0.01	Field Crew	
ME-SCR	2021/22-3	Wet	3/28/2022 12:15:00 PM	3/28/2022 12:15:00 PM	Salinity	n/a	=	300	mg/L	Field Meter	-88	100	Field Crew	
ME-SCR	2021/22-3	Wet	3/28/2022 12:15:00 PM	3/28/2022 12:15:00 PM	Specific Conductance	n/a	=	610	µmhos/cm	Field Meter	-88	1	Field Crew	
ME-SCR	2021/22-3	Wet	3/28/2022 12:15:00 PM	3/28/2022 12:15:00 PM	Temperature	n/a	=	15.5	°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
ME-SCR	2021/22-3	Wet	3/28/2022 12:15:00 PM	3/30/2022 1:50:00 PM	Gasoline Range Organics	n/a	<	0.065	mg/L	EPA 8260B	0.065	0.1	WKL	
ME-SCR	2021/22-3	Wet	3/28/2022 12:15:00 PM	4/4/2022 1:14:00 PM	Oil and Grease	n/a	DNQ	1.7	mg/L	EPA 1664B	0.7	4.8	WKL	
ME-SCR	2021/22-3	Wet	3/29/2022 9:30:00 AM	4/1/2022 1:30:00 PM	Chloride	n/a	=	66	mg/L	EPA 300.0	0.38	1	WKL	
ME-SCR	2021/22-3	Wet	3/29/2022 9:30:00 AM	4/1/2022 1:30:00 PM	Fluoride	n/a	=	0.39	mg/L	EPA 300.0	0.018	0.2	WKL	
ME-SCR	2021/22-3	Wet	3/29/2022 9:30:00 AM	4/1/2022 5:17:00 PM	Perchlorate	n/a	<	0.78	µg/L	EPA 314.0	0.78	4	WKL	
ME-SCR	2021/22-3	Wet	3/29/2022 9:30:00 AM	4/7/2022 5:11:00 PM	Calcium	Total	=	182	mg/L	EPA 200.7	0.0468	1	WKL	
ME-SCR	2021/22-3	Wet	3/29/2022 9:30:00 AM	4/7/2022 5:11:00 PM	Magnesium	Total	=	90.9	mg/L	EPA 200.7	0.078	1	WKL	
ME-SCR	2021/22-3	Wet	3/29/2022 9:30:00 AM	3/31/2022 12:11:00 PM	Alkalinity as CaCO3	n/a	=	160	mg/L	SM 2320 B	1.9	5	WKL	
ME-SCR	2021/22-3	Wet	3/29/2022 9:30:00 AM	4/4/2022 3:54:00 PM	BOD	n/a	=	7.1	mg/L	SM 5210 B	2	2	WKL	
ME-SCR	2021/22-3	Wet	3/29/2022 9:30:00 AM	4/7/2022 1:12:00 PM	COD	n/a	=	23	mg/L	EPA 410.4	2.9	5	WKL	
ME-SCR	2021/22-3	Wet	3/29/2022 9:30:00 AM	4/7/2022 5:11:00 PM	Hardness as CaCO3	Total	=	830	mg/L	EPA 200.7	0.438	6.62	WKL	
ME-SCR	2021/22-3	Wet	3/29/2022 9:30:00 AM	3/29/2022 6:02:00 PM	MBAS	n/a	<	0.013	mg/L	SM 5540 C	0.013	0.05	WKL	
ME-SCR	2021/22-3	Wet	3/29/2022 9:30:00 AM	4/6/2022 1:30:00 PM	Phenolics	n/a	<	0.0068	mg/L	EPA 420.4	0.0068	0.01	WKL	
ME-SCR	2021/22-3	Wet	3/29/2022 9:30:00 AM	4/8/2022 12:56:00 PM	Specific Conductance	n/a	=	1700	µmhos/cm	SM 2510 B	3.2	6	WKL	
ME-SCR	2021/22-3	Wet	3/29/2022 9:30:00 AM	4/5/2022 4:01:00 PM	Total Dissolved Solids	n/a	=	1100	mg/L	SM 2540 C	4	10	WKL	
ME-SCR	2021/22-3	Wet	3/29/2022 9:30:00 AM	4/14/2022 6:10:00 AM	Total Organic Carbon	n/a	=	9	mg/L	SM 5310 B	0.19	0.3	WKL	
ME-SCR	2021/22-3	Wet	3/29/2022 9:30:00 AM	4/2/2022 10:05:00 AM	Total Suspended Solids	n/a	=	2000	mg/L	SM 2540 D	-88	5	WKL	
ME-SCR	2021/22-3	Wet	3/29/2022 9:30:00 AM	3/30/2022 1:13:00 PM	Turbidity	n/a	=	8.2	NTU	EPA 180.1	0.017	0.1	WKL	
ME-SCR	2021/22-3	Wet	3/29/2022 9:30:00 AM	4/2/2022 10:22:00 AM	Volatile Suspended Solids	n/a	=	370	mg/L	EPA 160.4	3.1	5	WKL	
ME-SCR	2021/22-3	Wet	3/29/2022 9:30:00 AM	4/1/2022 5:48:00 AM	Diesel Range Organics	n/a	=	0.21	mg/L	EPA 8015B	0.072	0.1	WKL	
ME-SCR	2021/22-3	Wet	3/29/2022 9:30:00 AM	4/1/2022 5:48:00 AM	Oil Range Organics	n/a	<	0.33	mg/L	EPA 8015B	0.33	0.5	WKL	
ME-SCR	2021/22-3	Wet	3/29/2022 9:30:00 AM	4/6/2022 5:33:00 PM	Aluminum	Dissolved	<	4.4	µg/L	EPA 200.8	4.4	20	WKL	
ME-SCR	2021/22-3	Wet	3/29/2022 9:30:00 AM	4/6/2022 5:53:00 PM	Aluminum	Total	=	62000	µg/L	EPA 200.8	44	200	WKL	
ME-SCR	2021/22-3	Wet	3/29/2022 9:30:00 AM	4/6/2022 4:57:00 PM	Antimony	Dissolved	DNQ	0.3	µg/L	EPA 200.8	0.089	0.5	WKL	
ME-SCR	2021/22-3	Wet	3/29/2022 9:30:00 AM	4/6/2022 5:00:00 PM	Antimony	Total	DNQ	0.58	µg/L	EPA 200.8	0.18	1	WKL	
ME-SCR	2021/22-3	Wet	3/29/2022 9:30:00 AM	4/6/2022 4:57:00 PM	Arsenic	Dissolved	=	0.82	µg/L	EPA 200.8	0.074	0.4	WKL	
ME-SCR	2021/22-3	Wet	3/29/2022 9:30:00 AM	4/6/2022 5:00:00 PM	Arsenic	Total	=	24	µg/L	EPA 200.8	0.15	0.8	WKL	
ME-SCR	2021/22-3	Wet	3/29/2022 9:30:00 AM	4/6/2022 5:00:00 PM	Barium	Total	=	460	µg/L	EPA 200.8	0.28	2	WKL	
ME-SCR	2021/22-3	Wet	3/29/2022 9:30:00 AM	4/6/2022 4:57:00 PM	Beryllium	Dissolved	<	0.062	µg/L	EPA 200.8	0.062	0.1	WKL	
ME-SCR	2021/22-3	Wet	3/29/2022 9:30:00 AM	4/6/2022 5:00:00 PM	Beryllium	Total	=	3.2	µg/L	EPA 200.8	0.057	0.2	WKL	
ME-SCR	2021/22-3	Wet	3/29/2022 9:30:00 AM	4/6/2022 4:57:00 PM	Cadmium	Dissolved	DNQ	0.067	µg/L	EPA 200.8	0.042	0.2	WKL	
ME-SCR	2021/22-3	Wet	3/29/2022 9:30:00 AM	4/6/2022 5:00:00 PM	Cadmium	Total	=	3	µg/L	EPA 200.8	0.084	0.4	WKL	
ME-SCR	2021/22-3	Wet	3/29/2022 9:30:00 AM	4/6/2022 4:57:00 PM	Chromium	Dissolved	=	0.22	µg/L	EPA 200.8	0.089	0.2	WKL	
ME-SCR	2021/22-3	Wet	3/29/2022 9:30:00 AM	4/6/2022 5:00:00 PM	Chromium	Total	=	100	µg/L	EPA 200.8	0.18	0.4	WKL	
ME-SCR	2021/22-3	Wet	3/29/2022 9:30:00 AM	4/6/2022 2:01:00 PM	Chromium VI	n/a	=	0.1	µg/L	EPA 218.6	0.0079	0.02	WKL	
ME-SCR	2021/22-3	Wet	3/29/2022 9:30:00 AM	4/6/2022 4:57:00 PM	Copper	Dissolved	=	4.5	µg/L	EPA 200.8	0.23	0.5	WKL	
ME-SCR	2021/22-3	Wet	3/29/2022 9:30:00 AM	4/6/2022 5:00:00 PM	Copper	Total	=	92	µg/L	EPA 200.8	0.46	1	WKL	
ME-SCR	2021/22-3	Wet	3/29/2022 9:30:00 AM	4/6/2022 4:57:00 PM	Iron	Dissolved	DNQ	9.3	µg/L	EPA 200.8	3.9	20	WKL	
ME-SCR	2021/22-3	Wet	3/29/2022 9:30:00 AM	4/6/2022 5:53:00 PM	Iron	Total	=	110000	µg/L	EPA 200.8	39	200	WKL	
ME-SCR	2021/22-3	Wet	3/29/2022 9:30:00 AM	4/6/2022 4:57:00 PM	Lead	Dissolved	<	0.083	µg/L	EPA 200.8	0.083	0.2	WKL	
ME-SCR	2021/22-3	Wet	3/29/2022 9:30:00 AM	4/6/2022 5:00:00 PM	Lead	Total	=	39	µg/L	EPA 200.8	0.17	0.4	WKL	
ME-SCR	2021/22-3	Wet	3/29/2022 9:30:00 AM	3/31/2022 10:48:00 AM	Mercury	Dissolved	<	17	ng/L	EPA 245.1	17	50	WKL	
ME-SCR	2021/22-3	Wet	3/29/2022 9:30:00 AM	3/31/2022 10:50:00 AM	Mercury	Total	=	150	ng/L	EPA 245.1	17	50	WKL	
ME-SCR	2021/22-3	Wet	3/29/2022 9:30:00 AM	4/6/2022 4:57:00 PM	Nickel	Dissolved	=	3.8	µg/L	EPA 200.8	0.16	2	WKL	
ME-SCR	2021/22-3	Wet	3/29/2022 9:30:00 AM	4/6/2022 5:00:00 PM	Nickel	Total	=	100	µg/L	EPA 200.8	0.33	4	WKL	
ME-SCR	2021/22-3	Wet	3/29/2022 9:30:00 AM	4/6/2022 4:57:00 PM	Selenium	Dissolved	=	4.5	µg/L	EPA 200.8	0.067	0.4	WKL	
ME-SCR	2021/22-3	Wet	3/29/2022 9:30:00 AM	4/6/2022 5:00:00 PM	Selenium	Total	=	6.9	µg/L	EPA 200.8	0.13	0.8	WKL	
ME-SCR	2021/22-3	Wet	3/29/2022 9:30:00 AM	4/6/2022 4:57:00 PM	Silver	Dissolved	<	0.03	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
ME-SCR	2021/22-3	Wet	3/29/2022 9:30:00 AM	4/6/2022 5:00:00 PM	Silver	Total	DNQ	0.28	µg/L	EPA 200.8	0.26	0.4	WKL	
ME-SCR	2021/22-3	Wet	3/29/2022 9:30:00 AM	4/6/2022 4:57:00 PM	Thallium	Dissolved	<	0.021	µg/L	EPA 200.8	0.021	0.2	WKL	
ME-SCR	2021/22-3	Wet	3/29/2022 9:30:00 AM	4/6/2022 5:00:00 PM	Thallium	Total	=	1.2	µg/L	EPA 200.8	0.042	0.4	WKL	
ME-SCR	2021/22-3	Wet	3/29/2022 9:30:00 AM	4/6/2022 4:57:00 PM	Zinc	Dissolved	DNQ	4.8	µg/L	EPA 200.8	0.8	10	WKL	
ME-SCR	2021/22-3	Wet	3/29/2022 9:30:00 AM	4/6/2022 5:00:00 PM	Zinc	Total	=	320	µg/L	EPA 200.8	3.3	20	WKL	
ME-SCR	2021/22-3	Wet	3/29/2022 9:30:00 AM	4/4/2022 4:02:00 PM	Ammonia as N	n/a	=	0.28	mg/L	EPA 350.1	0.017	0.1	WKL	
ME-SCR	2021/22-3	Wet	3/29/2022 9:30:00 AM	4/9/2022 2:53:00 PM	Nitrate + Nitrite as N	n/a	=	3	mg/L	EPA 353.2	0.036	0.2	WKL	
ME-SCR	2021/22-3	Wet	3/29/2022 9:30:00 AM	4/7/2022 5:08:00 PM	Phosphorus as P	Dissolved	=	0.067	mg/L	EPA 200.7	0.018	0.05	WKL	
ME-SCR	2021/22-3	Wet	3/29/2022 9:30:00 AM	4/7/2022 5:11:00 PM	Phosphorus as P	Total	=	3.4	mg/L	EPA 200.7	0.036	0.1	WKL	
ME-SCR	2021/22-3	Wet	3/29/2022 9:30:00 AM	4/6/2022 4:11:00 PM	TKN	n/a	DNQ	3.6	mg/L	EPA 351.2	2.6	4	WKL	
ME-SCR	2021/22-3	Wet	3/29/2022 9:30:00 AM	4/28/2022 1:02:00 AM	1,2,4-Trichlorobenzene	n/a	<	4.9	µg/L	EPA 625.1	4.9	10	WKL	
ME-SCR	2021/22-3	Wet	3/29/2022 9:30:00 AM	4/28/2022 1:02:00 AM	1,2-Dichlorobenzene	n/a	<	4.6	µg/L	EPA 625.1	4.6	10	WKL	
ME-SCR	2021/22-3	Wet	3/29/2022 9:30:00 AM	4/28/2022 1:02:00 AM	1,2-Diphenylhydrazine	n/a	<	3	µg/L	EPA 625.1	3	10	WKL	
ME-SCR	2021/22-3	Wet	3/29/2022 9:30:00 AM	4/28/2022 1:02:00 AM	1,3-Dichlorobenzene	n/a	<	4.2	µg/L	EPA 625.1	4.2	10	WKL	
ME-SCR	2021/22-3	Wet	3/29/2022 9:30:00 AM	4/28/2022 1:02:00 AM	1,4-Dichlorobenzene	n/a	<	4.8	µg/L	EPA 625.1	4.8	10	WKL	
ME-SCR	2021/22-3	Wet	3/29/2022 9:30:00 AM	4/20/2022 5:44:00 AM	1-Methylnaphthalene	n/a	<	0.24	µg/L	EPA 8270C	0.24	1	WKL	
ME-SCR	2021/22-3	Wet	3/29/2022 9:30:00 AM	4/29/2022 5:46:00 AM	2,4,5-Trichlorophenol	n/a	<	2.9	µg/L	EPA 8270C	2.9	10	WKL	
ME-SCR	2021/22-3	Wet	3/29/2022 9:30:00 AM	4/29/2022 5:46:00 AM	2,4,6-Trichlorophenol	n/a	<	3	µg/L	EPA 8270C	3	10	WKL	
ME-SCR	2021/22-3	Wet	3/29/2022 9:30:00 AM	4/28/2022 1:02:00 AM	2,4,6-Trichlorophenol	n/a	<	2.2	µg/L	EPA 625.1	2.2	10	WKL	
ME-SCR	2021/22-3	Wet	3/29/2022 9:30:00 AM	4/29/2022 5:46:00 AM	2,4-Dichlorophenol	n/a	<	5.1	µg/L	EPA 8270C	5.1	10	WKL	
ME-SCR	2021/22-3	Wet	3/29/2022 9:30:00 AM	4/28/2022 1:02:00 AM	2,4-Dichlorophenol	n/a	<	2.6	µg/L	EPA 625.1	2.6	10	WKL	
ME-SCR	2021/22-3	Wet	3/29/2022 9:30:00 AM	4/28/2022 1:02:00 AM	2,4-Dimethylphenol	n/a	<	7.6	µg/L	EPA 625.1	7.6	10	WKL	
ME-SCR	2021/22-3	Wet	3/29/2022 9:30:00 AM	4/29/2022 5:46:00 AM	2,4-Dimethylphenol	n/a	<	10	µg/L	EPA 8270C	10	20	WKL	
ME-SCR	2021/22-3	Wet	3/29/2022 9:30:00 AM	4/28/2022 1:02:00 AM	2,4-Dinitrophenol	n/a	<	19	µg/L	EPA 625.1	19	100	WKL	
ME-SCR	2021/22-3	Wet	3/29/2022 9:30:00 AM	4/29/2022 5:46:00 AM	2,4-Dinitrophenol	n/a	<	10	µg/L	EPA 8270C	10	20	WKL	
ME-SCR	2021/22-3	Wet	3/29/2022 9:30:00 AM	4/28/2022 1:02:00 AM	2,4-Dinitrotoluene	n/a	<	4.6	µg/L	EPA 625.1	4.6	10	WKL	
ME-SCR	2021/22-3	Wet	3/29/2022 9:30:00 AM	4/28/2022 1:02:00 AM	2,6-Dinitrotoluene	n/a	<	2.7	µg/L	EPA 625.1	2.7	10	WKL	
ME-SCR	2021/22-3	Wet	3/29/2022 9:30:00 AM	4/28/2022 1:02:00 AM	2-Chloronaphthalene	n/a	<	4.5	µg/L	EPA 625.1	4.5	10	WKL	
ME-SCR	2021/22-3	Wet	3/29/2022 9:30:00 AM	4/29/2022 5:46:00 AM	2-Chlorophenol	n/a	<	6.5	µg/L	EPA 8270C	6.5	10	WKL	
ME-SCR	2021/22-3	Wet	3/29/2022 9:30:00 AM	4/28/2022 1:02:00 AM	2-Chlorophenol	n/a	<	2.8	µg/L	EPA 625.1	2.8	10	WKL	
ME-SCR	2021/22-3	Wet	3/29/2022 9:30:00 AM	4/20/2022 5:44:00 AM	2-Methylnaphthalene	n/a	<	0.26	µg/L	EPA 8270C	0.26	1	WKL	
ME-SCR	2021/22-3	Wet	3/29/2022 9:30:00 AM	4/29/2022 5:46:00 AM	2-Methylphenol	n/a	<	3.4	µg/L	EPA 8270C	3.4	10	WKL	
ME-SCR	2021/22-3	Wet	3/29/2022 9:30:00 AM	4/28/2022 1:02:00 AM	2-Nitrophenol	n/a	<	2.6	µg/L	EPA 625.1	2.6	10	WKL	
ME-SCR	2021/22-3	Wet	3/29/2022 9:30:00 AM	4/29/2022 5:46:00 AM	2-Nitrophenol	n/a	<	7.1	µg/L	EPA 8270C	7.1	10	WKL	
ME-SCR	2021/22-3	Wet	3/29/2022 9:30:00 AM	4/28/2022 1:02:00 AM	3,3'-Dichlorobenzidine	n/a	<	25	µg/L	EPA 625.1	25	50	WKL	
ME-SCR	2021/22-3	Wet	3/29/2022 9:30:00 AM	4/29/2022 5:46:00 AM	3-/4-Methylphenol	n/a	<	3	µg/L	EPA 8270C	3	10	WKL	
ME-SCR	2021/22-3	Wet	3/29/2022 9:30:00 AM	4/28/2022 1:02:00 AM	4,6-Dinitro-2-methylphenol	n/a	<	5	µg/L	EPA 625.1	5	50	WKL	
ME-SCR	2021/22-3	Wet	3/29/2022 9:30:00 AM	4/29/2022 5:46:00 AM	4,6-Dinitro-2-methylphenol	n/a	<	1.4	µg/L	EPA 8270C	1.4	10	WKL	
ME-SCR	2021/22-3	Wet	3/29/2022 9:30:00 AM	4/28/2022 1:02:00 AM	4-Bromophenyl phenyl ether	n/a	<	3.6	µg/L	EPA 625.1	3.6	10	WKL	
ME-SCR	2021/22-3	Wet	3/29/2022 9:30:00 AM	4/28/2022 1:02:00 AM	4-Chloro-3-methylphenol	n/a	<	2.3	µg/L	EPA 625.1	2.3	10	WKL	
ME-SCR	2021/22-3	Wet	3/29/2022 9:30:00 AM	4/29/2022 5:46:00 AM	4-Chloro-3-methylphenol	n/a	<	3.7	µg/L	EPA 8270C	3.7	10	WKL	
ME-SCR	2021/22-3	Wet	3/29/2022 9:30:00 AM	4/28/2022 1:02:00 AM	4-Chlorophenyl phenyl ether	n/a	<	4.1	µg/L	EPA 625.1	4.1	10	WKL	
ME-SCR	2021/22-3	Wet	3/29/2022 9:30:00 AM	4/28/2022 1:02:00 AM	4-Nitrophenol	n/a	<	12	µg/L	EPA 625.1	12	50	WKL	
ME-SCR	2021/22-3	Wet	3/29/2022 9:30:00 AM	4/29/2022 5:46:00 AM	4-Nitrophenol	n/a	<	10	µg/L	EPA 8270C	10	20	WKL	
ME-SCR	2021/22-3	Wet	3/29/2022 9:30:00 AM	4/20/2022 5:44:00 AM	Acenaphthene	n/a	<	0.28	µg/L	EPA 8270C	0.28	1	WKL	
ME-SCR	2021/22-3	Wet	3/29/2022 9:30:00 AM	4/28/2022 1:02:00 AM	Acenaphthene	n/a	<	3.8	µg/L	EPA 625.1	3.8	10	WKL	
ME-SCR	2021/22-3	Wet	3/29/2022 9:30:00 AM	4/28/2022 1:02:00 AM	Acenaphthylene	n/a	<	3.5	µg/L	EPA 625.1	3.5	10	WKL	
ME-SCR	2021/22-3	Wet	3/29/2022 9:30:00 AM	4/20/2022 5:44:00 AM	Acenaphthylene	n/a	<	0.33	µg/L	EPA 8270C	0.33	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	2021/22-3	Wet	3/29/2022 9:30:00 AM	4/28/2022 1:02:00 AM	Anthracene	n/a	<	4.1	µg/L	EPA 625.1	4.1	10	WKL	
ME-SCR	2021/22-3	Wet	3/29/2022 9:30:00 AM	4/20/2022 5:44:00 AM	Anthracene	n/a	<	0.25	µg/L	EPA 8270C	0.25	1	WKL	
ME-SCR	2021/22-3	Wet	3/29/2022 9:30:00 AM	4/20/2022 5:44:00 AM	Benz(a)anthracene	n/a	<	0.51	µg/L	EPA 8270C	0.51	1	WKL	
ME-SCR	2021/22-3	Wet	3/29/2022 9:30:00 AM	4/28/2022 1:02:00 AM	Benz(a)anthracene	n/a	<	1.9	µg/L	EPA 625.1	1.9	10	WKL	
ME-SCR	2021/22-3	Wet	3/29/2022 9:30:00 AM	4/28/2022 1:02:00 AM	Benzo(a)pyrene	n/a	<	32	µg/L	EPA 625.1	32	100	WKL	
ME-SCR	2021/22-3	Wet	3/29/2022 9:30:00 AM	4/15/2022 3:20:00 AM	Benzo(a)pyrene	n/a	<	0.04	µg/L	EPA 525.2	0.04	0.2	WKL	
ME-SCR	2021/22-3	Wet	3/29/2022 9:30:00 AM	4/28/2022 1:02:00 AM	Benzo(a)pyrene	n/a	<	3.9	µg/L	EPA 625.1	3.9	10	WKL	
ME-SCR	2021/22-3	Wet	3/29/2022 9:30:00 AM	4/20/2022 5:44:00 AM	Benzo(a)pyrene	n/a	DNQ	0.54	µg/L	EPA 8270C	0.51	1	WKL	
ME-SCR	2021/22-3	Wet	3/29/2022 9:30:00 AM	4/28/2022 1:02:00 AM	Benzo(b)fluoranthene	n/a	<	4.6	µg/L	EPA 625.1	4.6	10	WKL	
ME-SCR	2021/22-3	Wet	3/29/2022 9:30:00 AM	4/20/2022 5:44:00 AM	Benzo(b)fluoranthene	n/a	<	0.74	µg/L	EPA 8270C	0.74	1	WKL	
ME-SCR	2021/22-3	Wet	3/29/2022 9:30:00 AM	4/20/2022 5:44:00 AM	Benzo(g,h,i)perylene	n/a	<	0.5	µg/L	EPA 8270C	0.5	1	WKL	
ME-SCR	2021/22-3	Wet	3/29/2022 9:30:00 AM	4/28/2022 1:02:00 AM	Benzo(g,h,i)perylene	n/a	<	4.2	µg/L	EPA 625.1	4.2	20	WKL	
ME-SCR	2021/22-3	Wet	3/29/2022 9:30:00 AM	4/28/2022 1:02:00 AM	Benzo(k)fluoranthene	n/a	<	2.2	µg/L	EPA 625.1	2.2	10	WKL	
ME-SCR	2021/22-3	Wet	3/29/2022 9:30:00 AM	4/20/2022 5:44:00 AM	Benzo(k)fluoranthene	n/a	DNQ	0.43	µg/L	EPA 8270C	0.26	1	WKL	UL-MB
ME-SCR	2021/22-3	Wet	3/29/2022 9:30:00 AM	4/28/2022 1:02:00 AM	Bis(2-chloroethoxy)methane	n/a	<	2.5	µg/L	EPA 625.1	2.5	10	WKL	
ME-SCR	2021/22-3	Wet	3/29/2022 9:30:00 AM	4/28/2022 1:02:00 AM	Bis(2-chloroethyl)ether	n/a	<	2.7	µg/L	EPA 625.1	2.7	10	WKL	
ME-SCR	2021/22-3	Wet	3/29/2022 9:30:00 AM	4/28/2022 1:02:00 AM	Bis(2-chloroisopropyl)ether	n/a	<	3.8	µg/L	EPA 625.1	3.8	10	WKL	
ME-SCR	2021/22-3	Wet	3/29/2022 9:30:00 AM	4/15/2022 3:20:00 AM	Bis(2-ethylhexyl)adipate	n/a	<	0.85	µg/L	EPA 525.2	0.85	10	WKL	
ME-SCR	2021/22-3	Wet	3/29/2022 9:30:00 AM	4/15/2022 3:20:00 AM	Bis(2-ethylhexyl)phthalate	n/a	<	0.82	µg/L	EPA 525.2	0.82	6	WKL	
ME-SCR	2021/22-3	Wet	3/29/2022 9:30:00 AM	4/28/2022 1:02:00 AM	Bis(2-ethylhexyl)phthalate	n/a	<	23	µg/L	EPA 625.1	23	50	WKL	
ME-SCR	2021/22-3	Wet	3/29/2022 9:30:00 AM	4/28/2022 1:02:00 AM	Butyl benzyl phthalate	n/a	<	4.9	µg/L	EPA 625.1	4.9	10	WKL	
ME-SCR	2021/22-3	Wet	3/29/2022 9:30:00 AM	4/20/2022 5:44:00 AM	Chrysene	n/a	<	0.74	µg/L	EPA 8270C	0.74	1	WKL	
ME-SCR	2021/22-3	Wet	3/29/2022 9:30:00 AM	4/28/2022 1:02:00 AM	Chrysene	n/a	<	1.9	µg/L	EPA 625.1	1.9	10	WKL	
ME-SCR	2021/22-3	Wet	3/29/2022 9:30:00 AM	4/28/2022 1:02:00 AM	Dibenz(a,h)anthracene	n/a	<	1.5	µg/L	EPA 625.1	1.5	20	WKL	
ME-SCR	2021/22-3	Wet	3/29/2022 9:30:00 AM	4/20/2022 5:44:00 AM	Dibenz(a,h)anthracene	n/a	DNQ	0.6	µg/L	EPA 8270C	0.36	1	WKL	UL-MB
ME-SCR	2021/22-3	Wet	3/29/2022 9:30:00 AM	4/28/2022 1:02:00 AM	Diethyl phthalate	n/a	<	3.5	µg/L	EPA 625.1	3.5	10	WKL	
ME-SCR	2021/22-3	Wet	3/29/2022 9:30:00 AM	4/28/2022 1:02:00 AM	Dimethyl phthalate	n/a	<	1.8	µg/L	EPA 625.1	1.8	10	WKL	
ME-SCR	2021/22-3	Wet	3/29/2022 9:30:00 AM	4/28/2022 1:02:00 AM	Di-n-butylphthalate	n/a	<	3.4	µg/L	EPA 625.1	3.4	10	WKL	
ME-SCR	2021/22-3	Wet	3/29/2022 9:30:00 AM	4/28/2022 1:02:00 AM	Di-n-octylphthalate	n/a	<	4.6	µg/L	EPA 625.1	4.6	10	WKL	
ME-SCR	2021/22-3	Wet	3/29/2022 9:30:00 AM	4/28/2022 1:02:00 AM	Fluoranthene	n/a	<	3.5	µg/L	EPA 625.1	3.5	10	WKL	
ME-SCR	2021/22-3	Wet	3/29/2022 9:30:00 AM	4/20/2022 5:44:00 AM	Fluoranthene	n/a	<	0.39	µg/L	EPA 8270C	0.39	1	WKL	
ME-SCR	2021/22-3	Wet	3/29/2022 9:30:00 AM	4/28/2022 1:02:00 AM	Fluorene	n/a	<	3.5	µg/L	EPA 625.1	3.5	10	WKL	
ME-SCR	2021/22-3	Wet	3/29/2022 9:30:00 AM	4/20/2022 5:44:00 AM	Fluorene	n/a	<	0.29	µg/L	EPA 8270C	0.29	1	WKL	
ME-SCR	2021/22-3	Wet	3/29/2022 9:30:00 AM	4/28/2022 1:02:00 AM	Hexachlorobenzene	n/a	<	4.9	µg/L	EPA 625.1	4.9	10	WKL	
ME-SCR	2021/22-3	Wet	3/29/2022 9:30:00 AM	4/28/2022 1:02:00 AM	Hexachlorobutadiene	n/a	<	4.7	µg/L	EPA 625.1	4.7	10	WKL	
ME-SCR	2021/22-3	Wet	3/29/2022 9:30:00 AM	4/15/2022 3:20:00 AM	Hexachlorocyclopentadiene	n/a	<	0.18	µg/L	EPA 525.2	0.18	2	WKL	
ME-SCR	2021/22-3	Wet	3/29/2022 9:30:00 AM	4/28/2022 1:02:00 AM	Hexachlorocyclopentadiene	n/a	<	3.1	µg/L	EPA 625.1	3.1	50	WKL	
ME-SCR	2021/22-3	Wet	3/29/2022 9:30:00 AM	4/28/2022 1:02:00 AM	Hexachloroethane	n/a	<	5	µg/L	EPA 625.1	5	10	WKL	
ME-SCR	2021/22-3	Wet	3/29/2022 9:30:00 AM	4/28/2022 1:02:00 AM	Indeno(1,2,3-cd)pyrene	n/a	<	2.5	µg/L	EPA 625.1	2.5	20	WKL	
ME-SCR	2021/22-3	Wet	3/29/2022 9:30:00 AM	4/20/2022 5:44:00 AM	Indeno(1,2,3-cd)pyrene	n/a	<	0.65	µg/L	EPA 8270C	0.65	1	WKL	
ME-SCR	2021/22-3	Wet	3/29/2022 9:30:00 AM	4/28/2022 1:02:00 AM	Isophorone	n/a	<	2.1	µg/L	EPA 625.1	2.1	10	WKL	
ME-SCR	2021/22-3	Wet	3/29/2022 9:30:00 AM	4/28/2022 1:02:00 AM	Naphthalene	n/a	<	4.9	µg/L	EPA 625.1	4.9	10	WKL	
ME-SCR	2021/22-3	Wet	3/29/2022 9:30:00 AM	4/20/2022 5:44:00 AM	Naphthalene	n/a	<	0.26	µg/L	EPA 8270C	0.26	1	WKL	
ME-SCR	2021/22-3	Wet	3/29/2022 9:30:00 AM	4/28/2022 1:02:00 AM	Nitrobenzene	n/a	<	3.6	µg/L	EPA 625.1	3.6	10	WKL	
ME-SCR	2021/22-3	Wet	3/29/2022 9:30:00 AM	4/28/2022 1:02:00 AM	N-Nitrosodimethylamine	n/a	<	5	µg/L	EPA 625.1	5	10	WKL	
ME-SCR	2021/22-3	Wet	3/29/2022 9:30:00 AM	4/28/2022 1:02:00 AM	N-Nitrosodi-N-propylamine	n/a	<	2.6	µg/L	EPA 625.1	2.6	10	WKL	
ME-SCR	2021/22-3	Wet	3/29/2022 9:30:00 AM	4/28/2022 1:02:00 AM	N-Nitrosodiphenylamine	n/a	<	1.9	µg/L	EPA 625.1	1.9	10	WKL	
ME-SCR	2021/22-3	Wet	3/29/2022 9:30:00 AM	4/28/2022 1:02:00 AM	Phenanthrene	n/a	<	3.2	µg/L	EPA 625.1	3.2	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
ME-SCR	2021/22-3	Wet	3/29/2022 9:30:00 AM	4/20/2022 5:44:00 AM	Phenanthrene	n/a	<	0.29	µg/L	EPA 8270C	0.29	1	WKL	
ME-SCR	2021/22-3	Wet	3/29/2022 9:30:00 AM	4/28/2022 1:02:00 AM	Phenol	n/a	<	8.1	µg/L	EPA 625.1	8.1	10	WKL	
ME-SCR	2021/22-3	Wet	3/29/2022 9:30:00 AM	4/29/2022 5:46:00 AM	Phenol	n/a	<	3.5	µg/L	EPA 8270C	3.5	10	WKL	
ME-SCR	2021/22-3	Wet	3/29/2022 9:30:00 AM	4/28/2022 1:02:00 AM	Pyrene	n/a	<	2.5	µg/L	EPA 625.1	2.5	10	WKL	
ME-SCR	2021/22-3	Wet	3/29/2022 9:30:00 AM	4/20/2022 5:44:00 AM	Pyrene	n/a	<	0.4	µg/L	EPA 8270C	0.4	1	WKL	
ME-SCR	2021/22-3	Wet	3/29/2022 9:30:00 AM	4/10/2022 12:11:00 AM	PCB Aroclor 1016	n/a	<	0.58	µg/L	EPA 608.3	0.58	10	WKL	
ME-SCR	2021/22-3	Wet	3/29/2022 9:30:00 AM	4/10/2022 12:11:00 AM	PCB Aroclor 1221	n/a	<	1.2	µg/L	EPA 608.3	1.2	10	WKL	
ME-SCR	2021/22-3	Wet	3/29/2022 9:30:00 AM	4/10/2022 12:11:00 AM	PCB Aroclor 1232	n/a	<	2	µg/L	EPA 608.3	2	10	WKL	
ME-SCR	2021/22-3	Wet	3/29/2022 9:30:00 AM	4/10/2022 12:11:00 AM	PCB Aroclor 1242	n/a	<	1.4	µg/L	EPA 608.3	1.4	10	WKL	
ME-SCR	2021/22-3	Wet	3/29/2022 9:30:00 AM	4/10/2022 9:30:00 AM	PCB Aroclor 1248	n/a	<	1.2	µg/L	EPA 608.3	1.2	10	WKL	
ME-SCR	2021/22-3	Wet	3/29/2022 9:30:00 AM	4/10/2022 12:11:00 AM	PCB Aroclor 1254	n/a	<	0.8	µg/L	EPA 608.3	0.8	10	WKL	
ME-SCR	2021/22-3	Wet	3/29/2022 9:30:00 AM	4/10/2022 12:11:00 AM	PCB Aroclor 1260	n/a	<	1.1	µg/L	EPA 608.3	1.1	10	WKL	
ME-SCR	2021/22-3	Wet	3/29/2022 9:30:00 AM	4/1/2022 2:28:00 AM	2,4,5-T	n/a	<	0.03	µg/L	EPA 515.4	0.03	0.2	WKL	
ME-SCR	2021/22-3	Wet	3/29/2022 9:30:00 AM	4/1/2022 9:30:00 AM	2,4,5-TP	n/a	<	0.026	µg/L	EPA 515.4	0.026	0.2	WKL	
ME-SCR	2021/22-3	Wet	3/29/2022 9:30:00 AM	4/1/2022 2:28:00 AM	2,4-D	n/a	DNQ	0.18	µg/L	EPA 515.4	0.14	0.4	WKL	
ME-SCR	2021/22-3	Wet	3/29/2022 9:30:00 AM	4/1/2022 2:28:00 AM	2,4-DB	n/a	<	0.19	µg/L	EPA 515.4	0.19	2	WKL	
ME-SCR	2021/22-3	Wet	3/29/2022 9:30:00 AM	4/1/2022 2:28:00 AM	3,5-Dichlorobenzoic acid	n/a	<	1	µg/L	EPA 515.4	1	1	WKL	
ME-SCR	2021/22-3	Wet	3/29/2022 9:30:00 AM	4/10/2022 9:30:00 AM	4,4'-DDD	n/a	<	0.014	µg/L	EPA 608.3	0.014	1	WKL	
ME-SCR	2021/22-3	Wet	3/29/2022 9:30:00 AM	4/10/2022 12:11:00 AM	4,4'-DDE	n/a	<	0.014	µg/L	EPA 608.3	0.014	1	WKL	
ME-SCR	2021/22-3	Wet	3/29/2022 9:30:00 AM	4/10/2022 12:11:00 AM	4,4'-DDT	n/a	<	0.2	µg/L	EPA 608.3	0.2	0.2	WKL	
ME-SCR	2021/22-3	Wet	3/29/2022 9:30:00 AM	4/1/2022 2:28:00 AM	Acifluorfen	n/a	<	0.4	µg/L	EPA 515.4	0.4	0.4	WKL	
ME-SCR	2021/22-3	Wet	3/29/2022 9:30:00 AM	4/15/2022 3:20:00 AM	Alachlor	n/a	<	0.06	µg/L	EPA 525.2	0.06	0.2	WKL	
ME-SCR	2021/22-3	Wet	3/29/2022 9:30:00 AM	4/10/2022 12:11:00 AM	Aldrin	n/a	<	0.02	µg/L	EPA 608.3	0.02	0.1	WKL	
ME-SCR	2021/22-3	Wet	3/29/2022 9:30:00 AM	4/10/2022 12:11:00 AM	alpha-BHC	n/a	<	0.022	µg/L	EPA 608.3	0.022	0.2	WKL	
ME-SCR	2021/22-3	Wet	3/29/2022 9:30:00 AM	4/10/2022 12:11:00 AM	alpha-Chlordane	n/a	<	0.058	µg/L	EPA 608.3	0.058	0.2	WKL	
ME-SCR	2021/22-3	Wet	3/29/2022 9:30:00 AM	4/15/2022 3:20:00 AM	Atrazine	n/a	<	0.022	µg/L	EPA 525.2	0.022	0.2	WKL	
ME-SCR	2021/22-3	Wet	3/29/2022 9:30:00 AM	4/1/2022 6:42:00 PM	Azinphos methyl	n/a	<	0.011	µg/L	EPA 625.1m	0.011	0.02	WKL	
ME-SCR	2021/22-3	Wet	3/29/2022 9:30:00 AM	4/1/2022 2:28:00 AM	Bentazon	n/a	<	0.23	µg/L	EPA 515.4	0.23	2	WKL	
ME-SCR	2021/22-3	Wet	3/29/2022 9:30:00 AM	4/10/2022 12:11:00 AM	beta-BHC	n/a	<	0.03	µg/L	EPA 608.3	0.03	0.1	WKL	
ME-SCR	2021/22-3	Wet	3/29/2022 9:30:00 AM	4/1/2022 6:42:00 PM	Bolstar	n/a	<	0.0092	µg/L	EPA 625.1m	0.0092	0.02	WKL	
ME-SCR	2021/22-3	Wet	3/29/2022 9:30:00 AM	4/15/2022 3:20:00 AM	Bromacil	n/a	<	0.14	µg/L	EPA 525.2	0.14	1	WKL	
ME-SCR	2021/22-3	Wet	3/29/2022 9:30:00 AM	4/15/2022 3:20:00 AM	Butachlor	n/a	<	0.024	µg/L	EPA 525.2	0.024	0.2	WKL	
ME-SCR	2021/22-3	Wet	3/29/2022 9:30:00 AM	4/15/2022 3:20:00 AM	Captan	n/a	<	0.64	µg/L	EPA 525.2	0.64	2	WKL	
ME-SCR	2021/22-3	Wet	3/29/2022 9:30:00 AM	4/10/2022 12:11:00 AM	Chlordane (technical)	n/a	<	0.86	µg/L	EPA 608.3	0.86	2	WKL	
ME-SCR	2021/22-3	Wet	3/29/2022 9:30:00 AM	4/15/2022 3:20:00 AM	Chlorpropham	n/a	<	0.08	µg/L	EPA 525.2	0.08	0.2	WKL	
ME-SCR	2021/22-3	Wet	3/29/2022 9:30:00 AM	4/1/2022 6:42:00 PM	Chlorpyrifos	n/a	<	0.014	µg/L	EPA 625.1m	0.014	0.02	WKL	
ME-SCR	2021/22-3	Wet	3/29/2022 9:30:00 AM	4/1/2022 6:42:00 PM	Coumaphos	n/a	<	0.01	µg/L	EPA 625.1m	0.01	0.02	WKL	
ME-SCR	2021/22-3	Wet	3/29/2022 9:30:00 AM	4/1/2022 2:28:00 AM	Dalapon	n/a	<	0.11	µg/L	EPA 515.4	0.11	0.4	WKL	
ME-SCR	2021/22-3	Wet	3/29/2022 9:30:00 AM	4/1/2022 2:28:00 AM	DCPA (Daacthal)	n/a	=	3.6	µg/L	EPA 515.4	0.029	0.1	WKL	
ME-SCR	2021/22-3	Wet	3/29/2022 9:30:00 AM	4/10/2022 12:11:00 AM	delta-BHC	n/a	<	0.038	µg/L	EPA 608.3	0.038	0.1	WKL	
ME-SCR	2021/22-3	Wet	3/29/2022 9:30:00 AM	4/1/2022 6:42:00 PM	Demeton-O	n/a	<	0.02	µg/L	EPA 625.1m	0.02	0.02	WKL	
ME-SCR	2021/22-3	Wet	3/29/2022 9:30:00 AM	4/1/2022 6:42:00 PM	Demeton-S	n/a	<	0.02	µg/L	EPA 625.1m	0.02	0.02	WKL	
ME-SCR	2021/22-3	Wet	3/29/2022 9:30:00 AM	4/1/2022 6:42:00 PM	Diazinon	n/a	<	0.01	µg/L	EPA 625.1m	0.01	0.02	WKL	
ME-SCR	2021/22-3	Wet	3/29/2022 9:30:00 AM	4/15/2022 3:20:00 AM	Diazinon	n/a	<	0.044	µg/L	EPA 525.2	0.044	0.2	WKL	
ME-SCR	2021/22-3	Wet	3/29/2022 9:30:00 AM	4/1/2022 2:28:00 AM	Dicamba	n/a	<	0.049	µg/L	EPA 515.4	0.049	0.6	WKL	
ME-SCR	2021/22-3	Wet	3/29/2022 9:30:00 AM	4/1/2022 2:28:00 AM	Dichlorprop	n/a	<	0.12	µg/L	EPA 515.4	0.12	0.3	WKL	
ME-SCR	2021/22-3	Wet	3/29/2022 9:30:00 AM	4/1/2022 6:42:00 PM	Dichlorvos	n/a	<	0.0058	µg/L	EPA 625.1m	0.0058	0.02	WKL	
ME-SCR	2021/22-3	Wet	3/29/2022 9:30:00 AM	4/10/2022 12:11:00 AM	Dieldrin	n/a	<	0.016	µg/L	EPA 608.3	0.016	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	2021/22-3	Wet	3/29/2022 9:30:00 AM	4/15/2022 3:20:00 AM	Dimethoate	n/a	<	0.04	µg/L	EPA 525.2	0.04	0.4	WKL	
ME-SCR	2021/22-3	Wet	3/29/2022 9:30:00 AM	4/1/2022 6:42:00 PM	Dimethoate	n/a	<	0.012	µg/L	EPA 625.1m	0.012	0.02	WKL	
ME-SCR	2021/22-3	Wet	3/29/2022 9:30:00 AM	4/1/2022 2:28:00 AM	Dinoseb	n/a	<	0.033	µg/L	EPA 515.4	0.033	0.4	WKL	
ME-SCR	2021/22-3	Wet	3/29/2022 9:30:00 AM	4/15/2022 3:20:00 AM	Diphenamid	n/a	<	0.06	µg/L	EPA 525.2	0.06	0.2	WKL	
ME-SCR	2021/22-3	Wet	3/29/2022 9:30:00 AM	4/15/2022 3:20:00 AM	Disulfoton	n/a	<	0.031	µg/L	EPA 525.2	0.031	0.2	WKL	
ME-SCR	2021/22-3	Wet	3/29/2022 9:30:00 AM	4/1/2022 6:42:00 PM	Disulfoton	n/a	<	0.02	µg/L	EPA 625.1m	0.02	0.02	WKL	
ME-SCR	2021/22-3	Wet	3/29/2022 9:30:00 AM	4/10/2022 12:11:00 AM	Endosulfan I	n/a	<	0.018	µg/L	EPA 608.3	0.018	0.4	WKL	
ME-SCR	2021/22-3	Wet	3/29/2022 9:30:00 AM	4/10/2022 12:11:00 AM	Endosulfan II	n/a	<	0.014	µg/L	EPA 608.3	0.014	0.2	WKL	
ME-SCR	2021/22-3	Wet	3/29/2022 9:30:00 AM	4/10/2022 12:11:00 AM	Endosulfan sulfate	n/a	<	0.026	µg/L	EPA 608.3	0.026	1	WKL	
ME-SCR	2021/22-3	Wet	3/29/2022 9:30:00 AM	4/10/2022 12:11:00 AM	Endrin	n/a	<	0.034	µg/L	EPA 608.3	0.034	0.2	WKL	
ME-SCR	2021/22-3	Wet	3/29/2022 9:30:00 AM	4/10/2022 12:11:00 AM	Endrin aldehyde	n/a	<	0.038	µg/L	EPA 608.3	0.038	0.2	WKL	
ME-SCR	2021/22-3	Wet	3/29/2022 9:30:00 AM	4/15/2022 3:20:00 AM	EPTC	n/a	<	0.04	µg/L	EPA 525.2	0.04	0.2	WKL	
ME-SCR	2021/22-3	Wet	3/29/2022 9:30:00 AM	4/1/2022 6:42:00 PM	Ethoprop	n/a	<	0.013	µg/L	EPA 625.1m	0.013	0.02	WKL	
ME-SCR	2021/22-3	Wet	3/29/2022 9:30:00 AM	4/1/2022 6:42:00 PM	Ethyl parathion	n/a	<	0.011	µg/L	EPA 625.1m	0.011	0.02	WKL	
ME-SCR	2021/22-3	Wet	3/29/2022 9:30:00 AM	4/1/2022 6:42:00 PM	Fensulfothion	n/a	<	0.0058	µg/L	EPA 625.1m	0.0058	0.02	WKL	
ME-SCR	2021/22-3	Wet	3/29/2022 9:30:00 AM	4/1/2022 6:42:00 PM	Fenthion	n/a	<	0.0076	µg/L	EPA 625.1m	0.0076	0.02	WKL	
ME-SCR	2021/22-3	Wet	3/29/2022 9:30:00 AM	4/10/2022 12:11:00 AM	gamma-BHC (Lindane)	n/a	<	0.008	µg/L	EPA 608.3	0.008	0.4	WKL	
ME-SCR	2021/22-3	Wet	3/29/2022 9:30:00 AM	4/10/2022 12:11:00 AM	gamma-Chlordane	n/a	<	0.046	µg/L	EPA 608.3	0.046	0.2	WKL	
ME-SCR	2021/22-3	Wet	3/29/2022 9:30:00 AM	4/4/2022 6:59:00 PM	Glyphosate	n/a	<	90	µg/L	EPA 547	90	250	WKL	
ME-SCR	2021/22-3	Wet	3/29/2022 9:30:00 AM	4/10/2022 12:11:00 AM	Heptachlor	n/a	<	0.012	µg/L	EPA 608.3	0.012	0.2	WKL	
ME-SCR	2021/22-3	Wet	3/29/2022 9:30:00 AM	4/10/2022 12:11:00 AM	Heptachlor epoxide	n/a	<	0.008	µg/L	EPA 608.3	0.008	0.2	WKL	
ME-SCR	2021/22-3	Wet	3/29/2022 9:30:00 AM	4/1/2022 6:42:00 PM	Malathion	n/a	DNQ	0.017	µg/L	EPA 625.1m	0.015	0.02	WKL	
ME-SCR	2021/22-3	Wet	3/29/2022 9:30:00 AM	4/1/2022 6:42:00 PM	Merphos	n/a	<	0.012	µg/L	EPA 625.1m	0.012	0.02	WKL	
ME-SCR	2021/22-3	Wet	3/29/2022 9:30:00 AM	4/1/2022 6:42:00 PM	Methyl parathion	n/a	<	0.013	µg/L	EPA 625.1m	0.013	0.02	WKL	
ME-SCR	2021/22-3	Wet	3/29/2022 9:30:00 AM	4/15/2022 3:20:00 AM	Metolachlor	n/a	<	0.06	µg/L	EPA 525.2	0.06	0.2	WKL	
ME-SCR	2021/22-3	Wet	3/29/2022 9:30:00 AM	4/15/2022 3:20:00 AM	Metribuzin	n/a	<	0.06	µg/L	EPA 525.2	0.06	0.2	WKL	
ME-SCR	2021/22-3	Wet	3/29/2022 9:30:00 AM	4/1/2022 6:42:00 PM	Mevinphos	n/a	<	0.0084	µg/L	EPA 625.1m	0.0084	0.02	WKL	
ME-SCR	2021/22-3	Wet	3/29/2022 9:30:00 AM	4/15/2022 3:20:00 AM	Molinate	n/a	<	0.06	µg/L	EPA 525.2	0.06	0.2	WKL	
ME-SCR	2021/22-3	Wet	3/29/2022 9:30:00 AM	4/1/2022 6:42:00 PM	Naled	n/a	<	0.015	µg/L	EPA 625.1m	0.015	0.02	WKL	
ME-SCR	2021/22-3	Wet	3/29/2022 9:30:00 AM	4/1/2022 2:28:00 AM	Pentachlorophenol	n/a	DNQ	0.084	µg/L	EPA 515.4	0.046	0.2	WKL	
ME-SCR	2021/22-3	Wet	3/29/2022 9:30:00 AM	4/28/2022 1:02:00 AM	Pentachlorophenol	n/a	<	4	µg/L	EPA 625.1	4	10	WKL	
ME-SCR	2021/22-3	Wet	3/29/2022 9:30:00 AM	4/29/2022 5:46:00 AM	Pentachlorophenol	n/a	<	1.5	µg/L	EPA 8270C	1.5	10	WKL	
ME-SCR	2021/22-3	Wet	3/29/2022 9:30:00 AM	4/1/2022 6:42:00 PM	Phorate	n/a	<	0.006	µg/L	EPA 625.1m	0.006	0.02	WKL	
ME-SCR	2021/22-3	Wet	3/29/2022 9:30:00 AM	4/1/2022 2:28:00 AM	Picloram	n/a	<	0.6	µg/L	EPA 515.4	0.6	0.6	WKL	
ME-SCR	2021/22-3	Wet	3/29/2022 9:30:00 AM	4/15/2022 3:20:00 AM	Prometryn	n/a	DNQ	0.12	µg/L	EPA 525.2	0.06	0.2	WKL	
ME-SCR	2021/22-3	Wet	3/29/2022 9:30:00 AM	4/1/2022 6:42:00 PM	Ronnel (Fenchlorphos)	n/a	<	0.0082	µg/L	EPA 625.1m	0.0082	0.02	WKL	
ME-SCR	2021/22-3	Wet	3/29/2022 9:30:00 AM	4/15/2022 3:20:00 AM	Simazine	n/a	<	0.04	µg/L	EPA 525.2	0.04	0.2	WKL	
ME-SCR	2021/22-3	Wet	3/29/2022 9:30:00 AM	4/1/2022 6:42:00 PM	Stirophos (Tetrachlorvinphos)	n/a	<	0.0062	µg/L	EPA 625.1m	0.0062	0.02	WKL	
ME-SCR	2021/22-3	Wet	3/29/2022 9:30:00 AM	4/15/2022 3:20:00 AM	Terbacil	n/a	<	0.18	µg/L	EPA 525.2	0.18	4	WKL	
ME-SCR	2021/22-3	Wet	3/29/2022 9:30:00 AM	4/15/2022 3:20:00 AM	Thiobencarb	n/a	<	0.06	µg/L	EPA 525.2	0.06	0.2	WKL	
ME-SCR	2021/22-3	Wet	3/29/2022 9:30:00 AM	4/1/2022 6:42:00 PM	Tokuthion	n/a	<	0.016	µg/L	EPA 625.1m	0.016	0.02	WKL	
ME-SCR	2021/22-3	Wet	3/29/2022 9:30:00 AM	4/10/2022 12:11:00 PM	Toxaphene	n/a	<	1.7	µg/L	EPA 608.3	1.7	10	WKL	
ME-SCR	2021/22-3	Wet	3/29/2022 9:30:00 AM	4/1/2022 6:42:00 PM	Trichloronate	n/a	<	0.013	µg/L	EPA 625.1m	0.013	0.02	WKL	
ME-SCR	2021/22-3	Wet	3/29/2022 9:30:00 AM	4/15/2022 3:20:00 AM	Trithion	n/a	<	0.04	µg/L	EPA 525.2	0.04	0.2	WKL	
ME-SCR	2021/22-4	Dry	5/17/2022 9:35:00 AM	5/18/2022 2:30:00 PM	E. Coli	n/a	=	74	MPN/100 mL	MMO-MUG	10	10	VCHCA	
ME-SCR	2021/22-4	Dry	5/17/2022 9:35:00 AM	5/18/2022 2:30:00 PM	Total Coliform	n/a	=	3255	MPN/100 mL	MMO-MUG	10	10	VCHCA	
ME-SCR	2021/22-4	Dry	5/17/2022 9:35:00 AM	5/17/2022 9:35:00 AM	Conductivity	n/a	=	1811	µmhos/cm	Field Meter	-88	1	Field Crew	
ME-SCR	2021/22-4	Dry	5/17/2022 9:35:00 AM	5/25/2022 1:13:00 PM	Cyanide	Total	<	0.0012	mg/L	ASTM D7511	0.0012	0.002	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
ME-SCR	2021/22-4	Dry	5/17/2022 9:35:00 AM	5/17/2022 9:35:00 AM	DO	n/a	=	114.5	%	Field Meter	-88	0.1	Field Crew	
ME-SCR	2021/22-4	Dry	5/17/2022 9:35:00 AM	5/17/2022 9:35:00 AM	DO	n/a	=	10.23	mg/L	Field Meter	-88	0.3	Field Crew	
ME-SCR	2021/22-4	Dry	5/17/2022 9:35:00 AM	5/17/2022 9:35:00 AM	pH	n/a	=	7.81	pH Units	Field Meter	-88	0.01	Field Crew	
ME-SCR	2021/22-4	Dry	5/17/2022 9:35:00 AM	5/17/2022 9:35:00 AM	Salinity	n/a	=	1000	mg/L	Field Meter	-88	100	Field Crew	
ME-SCR	2021/22-4	Dry	5/17/2022 9:35:00 AM	5/17/2022 9:35:00 AM	Specific Conductance	n/a	=	1992	µmhos/cm	Field Meter	-88	1	Field Crew	
ME-SCR	2021/22-4	Dry	5/17/2022 9:35:00 AM	5/17/2022 9:35:00 AM	Temperature	n/a	=	20.2	°C	Field Meter	-88	0.1	Field Crew	
ME-SCR	2021/22-4	Dry	5/17/2022 9:35:00 AM	5/24/2022 6:38:00 PM	Gasoline Range Organics	n/a	DNQ	0.091	mg/L	EPA 8260B	0.065	0.1	WKL	
ME-SCR	2021/22-4	Dry	5/17/2022 9:35:00 AM	5/26/2022 9:29:00 AM	Oil and Grease	n/a	DNQ	0.9	mg/L	EPA 1664B	0.7	4.7	WKL	
ME-SCR	2021/22-4	Dry	5/17/2022 9:50:00 AM	5/21/2022 1:47:00 AM	Chloride	n/a	=	100	mg/L	EPA 300.0	0.38	1	WKL	
ME-SCR	2021/22-4	Dry	5/17/2022 9:50:00 AM	5/21/2022 1:47:00 AM	Fluoride	n/a	=	0.58	mg/L	EPA 300.0	0.018	0.2	WKL	
ME-SCR	2021/22-4	Dry	5/17/2022 9:50:00 AM	5/27/2022 7:50:00 PM	Perchlorate	n/a	<	0.39	µg/L	EPA 331	0.39	2	WKL	
ME-SCR	2021/22-4	Dry	5/17/2022 9:50:00 AM	6/1/2022 7:37:00 PM	Calcium	Total	=	185	mg/L	EPA 200.7	0.0234	0.5	WKL	
ME-SCR	2021/22-4	Dry	5/17/2022 9:50:00 AM	6/1/2022 7:37:00 PM	Magnesium	Total	=	81.9	mg/L	EPA 200.7	0.039	0.5	WKL	
ME-SCR	2021/22-4	Dry	5/17/2022 9:50:00 AM	5/25/2022 7:54:00 PM	Alkalinity as CaCO3	n/a	=	230	mg/L	SM 2320 B	1.9	5	WKL	
ME-SCR	2021/22-4	Dry	5/17/2022 9:50:00 AM	5/23/2022 3:50:00 PM	BOD	n/a	<	2	mg/L	SM 5210 B	2	2	WKL	
ME-SCR	2021/22-4	Dry	5/17/2022 9:50:00 AM	5/25/2022 2:22:00 PM	COD	n/a	<	2.9	mg/L	EPA 410.4	2.9	5	WKL	
ME-SCR	2021/22-4	Dry	5/17/2022 9:50:00 AM	6/1/2022 7:37:00 PM	Hardness as CaCO3	Total	=	799	mg/L	EPA 200.7	0.219	3.31	WKL	
ME-SCR	2021/22-4	Dry	5/17/2022 9:50:00 AM	5/18/2022 4:02:00 PM	MBAS	n/a	DNQ	0.018	mg/L	SM 5540 C	0.013	0.05	WKL	
ME-SCR	2021/22-4	Dry	5/17/2022 9:50:00 AM	5/25/2022 12:09:00 PM	Phenolics	n/a	<	0.0068	mg/L	EPA 420.4	0.0068	0.01	WKL	
ME-SCR	2021/22-4	Dry	5/17/2022 9:50:00 AM	5/31/2022 11:23:00 AM	Specific Conductance	n/a	=	2100	µmhos/cm	SM 2510 B	2.1	4	WKL	
ME-SCR	2021/22-4	Dry	5/17/2022 9:50:00 AM	5/21/2022 2:00:00 PM	Total Dissolved Solids	n/a	=	1600	mg/L	SM 2540 C	4	10	WKL	
ME-SCR	2021/22-4	Dry	5/17/2022 9:50:00 AM	5/25/2022 9:05:00 AM	Total Organic Carbon	n/a	=	3.3	mg/L	SM 5310 B	0.19	0.3	WKL	
ME-SCR	2021/22-4	Dry	5/17/2022 9:50:00 AM	5/23/2022 10:00:00 AM	Total Suspended Solids	n/a	DNQ	3	mg/L	SM 2540 D	-88	5	WKL	
ME-SCR	2021/22-4	Dry	5/17/2022 9:50:00 AM	5/18/2022 5:52:00 PM	Turbidity	n/a	=	1.1	NTU	EPA 180.1	0.017	0.1	WKL	
ME-SCR	2021/22-4	Dry	5/17/2022 9:50:00 AM	5/23/2022 10:00:00 AM	Volatile Suspended Solids	n/a	<	3.1	mg/L	EPA 160.4	3.1	5	WKL	
ME-SCR	2021/22-4	Dry	5/17/2022 9:50:00 AM	6/16/2022 11:50:00 PM	Diesel Range Organics	n/a	DNQ	0.075	mg/L	EPA 8015B	0.072	0.1	WKL	EST-LCSRPD
ME-SCR	2021/22-4	Dry	5/17/2022 9:50:00 AM	6/16/2022 11:50:00 PM	Oil Range Organics	n/a	<	0.33	mg/L	EPA 8015B	0.33	0.5	WKL	
ME-SCR	2021/22-4	Dry	5/17/2022 9:50:00 AM	5/27/2022 4:00:00 PM	Aluminum	Dissolved	<	4.4	µg/L	EPA 200.8	4.4	20	WKL	
ME-SCR	2021/22-4	Dry	5/17/2022 9:50:00 AM	5/27/2022 4:02:00 PM	Aluminum	Total	DNQ	13	µg/L	EPA 200.8	4.4	20	WKL	
ME-SCR	2021/22-4	Dry	5/17/2022 9:50:00 AM	5/27/2022 4:00:00 PM	Antimony	Dissolved	DNQ	0.23	µg/L	EPA 200.8	0.089	0.5	WKL	
ME-SCR	2021/22-4	Dry	5/17/2022 9:50:00 AM	5/27/2022 4:02:00 PM	Antimony	Total	DNQ	0.24	µg/L	EPA 200.8	0.089	0.5	WKL	
ME-SCR	2021/22-4	Dry	5/17/2022 9:50:00 AM	5/27/2022 4:00:00 PM	Arsenic	Dissolved	=	0.54	µg/L	EPA 200.8	0.074	0.4	WKL	
ME-SCR	2021/22-4	Dry	5/17/2022 9:50:00 AM	5/27/2022 4:02:00 PM	Arsenic	Total	=	0.58	µg/L	EPA 200.8	0.074	0.4	WKL	
ME-SCR	2021/22-4	Dry	5/17/2022 9:50:00 AM	5/27/2022 4:02:00 PM	Barium	Total	=	34	µg/L	EPA 200.8	0.14	1	WKL	
ME-SCR	2021/22-4	Dry	5/17/2022 9:50:00 AM	5/27/2022 4:00:00 PM	Beryllium	Dissolved	<	0.062	µg/L	EPA 200.8	0.062	0.1	WKL	
ME-SCR	2021/22-4	Dry	5/17/2022 9:50:00 AM	5/27/2022 4:02:00 PM	Beryllium	Total	<	0.029	µg/L	EPA 200.8	0.029	0.1	WKL	
ME-SCR	2021/22-4	Dry	5/17/2022 9:50:00 AM	5/27/2022 4:00:00 PM	Cadmium	Dissolved	<	0.042	µg/L	EPA 200.8	0.042	0.2	WKL	
ME-SCR	2021/22-4	Dry	5/17/2022 9:50:00 AM	5/27/2022 4:02:00 PM	Cadmium	Total	DNQ	0.042	µg/L	EPA 200.8	0.042	0.2	WKL	
ME-SCR	2021/22-4	Dry	5/17/2022 9:50:00 AM	5/27/2022 4:00:00 PM	Chromium	Dissolved	<	0.089	µg/L	EPA 200.8	0.089	0.2	WKL	
ME-SCR	2021/22-4	Dry	5/17/2022 9:50:00 AM	5/27/2022 4:02:00 PM	Chromium	Total	<	0.089	µg/L	EPA 200.8	0.089	0.2	WKL	
ME-SCR	2021/22-4	Dry	5/17/2022 9:50:00 AM	5/31/2022 4:33:00 PM	Chromium VI	n/a	<	0.0079	µg/L	EPA 218.6	0.0079	0.02	WKL	
ME-SCR	2021/22-4	Dry	5/17/2022 9:50:00 AM	5/27/2022 4:00:00 PM	Copper	Dissolved	=	0.65	µg/L	EPA 200.8	0.23	0.5	WKL	
ME-SCR	2021/22-4	Dry	5/17/2022 9:50:00 AM	5/27/2022 4:02:00 PM	Copper	Total	=	0.68	µg/L	EPA 200.8	0.23	0.5	WKL	
ME-SCR	2021/22-4	Dry	5/17/2022 9:50:00 AM	5/27/2022 4:00:00 PM	Iron	Dissolved	DNQ	11	µg/L	EPA 200.8	3.9	20	WKL	
ME-SCR	2021/22-4	Dry	5/17/2022 9:50:00 AM	5/27/2022 4:02:00 PM	Iron	Total	=	52	µg/L	EPA 200.8	3.9	20	WKL	
ME-SCR	2021/22-4	Dry	5/17/2022 9:50:00 AM	5/27/2022 4:00:00 PM	Lead	Dissolved	<	0.083	µg/L	EPA 200.8	0.083	0.2	WKL	
ME-SCR	2021/22-4	Dry	5/17/2022 9:50:00 AM	5/27/2022 4:02:00 PM	Lead	Total	<	0.083	µg/L	EPA 200.8	0.083	0.2	WKL	
ME-SCR	2021/22-4	Dry	5/17/2022 9:50:00 AM	5/27/2022 3:21:00 PM	Mercury	Dissolved	<	37	ng/L	EPA 245.1	37	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	2021/22-4	Dry	5/17/2022 9:50:00 AM	5/27/2022 3:23:00 PM	Mercury	Total	<	37	ng/L	EPA 245.1	37	50	WKL	
ME-SCR	2021/22-4	Dry	5/17/2022 9:50:00 AM	5/27/2022 4:00:00 PM	Nickel	Dissolved	DNQ	1.9	µg/L	EPA 200.8	0.16	2	WKL	
ME-SCR	2021/22-4	Dry	5/17/2022 9:50:00 AM	5/27/2022 4:02:00 PM	Nickel	Total	=	2	µg/L	EPA 200.8	0.16	2	WKL	
ME-SCR	2021/22-4	Dry	5/17/2022 9:50:00 AM	5/27/2022 4:00:00 PM	Selenium	Dissolved	=	4.1	µg/L	EPA 200.8	0.067	0.4	WKL	
ME-SCR	2021/22-4	Dry	5/17/2022 9:50:00 AM	5/27/2022 4:02:00 PM	Selenium	Total	=	4	µg/L	EPA 200.8	0.067	0.4	WKL	
ME-SCR	2021/22-4	Dry	5/17/2022 9:50:00 AM	5/27/2022 4:00:00 PM	Silver	Dissolved	<	0.03	µg/L	EPA 200.8	0.03	0.2	WKL	
ME-SCR	2021/22-4	Dry	5/17/2022 9:50:00 AM	5/27/2022 4:02:00 PM	Silver	Total	<	0.13	µg/L	EPA 200.8	0.13	0.2	WKL	
ME-SCR	2021/22-4	Dry	5/17/2022 9:50:00 AM	5/27/2022 4:00:00 PM	Thallium	Dissolved	<	0.021	µg/L	EPA 200.8	0.021	0.2	WKL	
ME-SCR	2021/22-4	Dry	5/17/2022 9:50:00 AM	5/27/2022 4:02:00 PM	Thallium	Total	<	0.021	µg/L	EPA 200.8	0.021	0.2	WKL	
ME-SCR	2021/22-4	Dry	5/17/2022 9:50:00 AM	5/27/2022 4:00:00 PM	Zinc	Dissolved	<	0.8	µg/L	EPA 200.8	0.8	10	WKL	
ME-SCR	2021/22-4	Dry	5/17/2022 9:50:00 AM	5/27/2022 4:02:00 PM	Zinc	Total	<	1.7	µg/L	EPA 200.8	1.7	10	WKL	
ME-SCR	2021/22-4	Dry	5/17/2022 9:50:00 AM	5/26/2022 3:27:00 PM	Ammonia as N	n/a	DNQ	0.019	mg/L	EPA 350.1	0.017	0.1	WKL	
ME-SCR	2021/22-4	Dry	5/17/2022 9:50:00 AM	5/18/2022 6:16:00 PM	Nitrate + Nitrite as N	n/a	=	1.2	mg/L	EPA 353.2	0.036	0.2	WKL	
ME-SCR	2021/22-4	Dry	5/17/2022 9:50:00 AM	6/1/2022 7:34:00 PM	Phosphorus as P	Dissolved	<	0.018	mg/L	EPA 200.7	0.018	0.05	WKL	
ME-SCR	2021/22-4	Dry	5/17/2022 9:50:00 AM	6/1/2022 7:37:00 PM	Phosphorus as P	Total	<	0.018	mg/L	EPA 200.7	0.018	0.05	WKL	
ME-SCR	2021/22-4	Dry	5/17/2022 9:50:00 AM	6/3/2022 3:23:00 PM	TKN	n/a	=	0.36	mg/L	EPA 351.2	0.065	0.1	WKL	
ME-SCR	2021/22-4	Dry	5/17/2022 9:50:00 AM	6/7/2022 1:36:00 AM	1,2,4-Trichlorobenzene	n/a	<	0.49	µg/L	EPA 625.1	0.49	1	WKL	
ME-SCR	2021/22-4	Dry	5/17/2022 9:50:00 AM	6/7/2022 1:36:00 AM	1,2-Dichlorobenzene	n/a	<	0.46	µg/L	EPA 625.1	0.46	1	WKL	
ME-SCR	2021/22-4	Dry	5/17/2022 9:50:00 AM	6/7/2022 1:36:00 AM	1,2-Diphenylhydrazine	n/a	<	0.3	µg/L	EPA 625.1	0.3	1	WKL	
ME-SCR	2021/22-4	Dry	5/17/2022 9:50:00 AM	6/7/2022 1:36:00 AM	1,3-Dichlorobenzene	n/a	<	0.42	µg/L	EPA 625.1	0.42	1	WKL	
ME-SCR	2021/22-4	Dry	5/17/2022 9:50:00 AM	6/7/2022 1:36:00 AM	1,4-Dichlorobenzene	n/a	<	0.48	µg/L	EPA 625.1	0.48	1	WKL	
ME-SCR	2021/22-4	Dry	5/17/2022 9:50:00 AM	6/25/2022 9:41:00 AM	1-Methylnaphthalene	n/a	<	0.024	µg/L	EPA 8270C	0.024	0.1	WKL	
ME-SCR	2021/22-4	Dry	5/17/2022 9:50:00 AM	6/24/2022 5:51:00 AM	2,4,5-Trichlorophenol	n/a	<	0.29	µg/L	EPA 8270C	0.29	1	WKL	
ME-SCR	2021/22-4	Dry	5/17/2022 9:50:00 AM	6/24/2022 5:51:00 AM	2,4,6-Trichlorophenol	n/a	<	0.3	µg/L	EPA 8270C	0.3	1	WKL	
ME-SCR	2021/22-4	Dry	5/17/2022 9:50:00 AM	6/7/2022 1:36:00 AM	2,4,6-Trichlorophenol	n/a	<	0.22	µg/L	EPA 625.1	0.22	1	WKL	
ME-SCR	2021/22-4	Dry	5/17/2022 9:50:00 AM	6/7/2022 1:36:00 AM	2,4-Dichlorophenol	n/a	<	0.26	µg/L	EPA 625.1	0.26	1	WKL	
ME-SCR	2021/22-4	Dry	5/17/2022 9:50:00 AM	6/24/2022 5:51:00 AM	2,4-Dichlorophenol	n/a	<	0.51	µg/L	EPA 8270C	0.51	1	WKL	
ME-SCR	2021/22-4	Dry	5/17/2022 9:50:00 AM	6/7/2022 1:36:00 AM	2,4-Dimethylphenol	n/a	<	0.76	µg/L	EPA 625.1	0.76	1	WKL	
ME-SCR	2021/22-4	Dry	5/17/2022 9:50:00 AM	6/24/2022 5:51:00 AM	2,4-Dimethylphenol	n/a	<	1	µg/L	EPA 8270C	1	2	WKL	
ME-SCR	2021/22-4	Dry	5/17/2022 9:50:00 AM	6/24/2022 5:51:00 AM	2,4-Dinitrophenol	n/a	<	1	µg/L	EPA 8270C	1	2	WKL	
ME-SCR	2021/22-4	Dry	5/17/2022 9:50:00 AM	6/7/2022 1:36:00 AM	2,4-Dinitrophenol	n/a	<	1.9	µg/L	EPA 625.1	1.9	10	WKL	
ME-SCR	2021/22-4	Dry	5/17/2022 9:50:00 AM	6/7/2022 1:36:00 AM	2,4-Dinitrotoluene	n/a	<	0.46	µg/L	EPA 625.1	0.46	1	WKL	
ME-SCR	2021/22-4	Dry	5/17/2022 9:50:00 AM	6/7/2022 1:36:00 AM	2,6-Dinitrotoluene	n/a	<	0.27	µg/L	EPA 625.1	0.27	1	WKL	
ME-SCR	2021/22-4	Dry	5/17/2022 9:50:00 AM	6/7/2022 1:36:00 AM	2-Chloronaphthalene	n/a	<	0.45	µg/L	EPA 625.1	0.45	1	WKL	
ME-SCR	2021/22-4	Dry	5/17/2022 9:50:00 AM	6/24/2022 5:51:00 AM	2-Chlorophenol	n/a	<	0.65	µg/L	EPA 8270C	0.65	1	WKL	
ME-SCR	2021/22-4	Dry	5/17/2022 9:50:00 AM	6/7/2022 1:36:00 AM	2-Chlorophenol	n/a	<	0.28	µg/L	EPA 625.1	0.28	1	WKL	
ME-SCR	2021/22-4	Dry	5/17/2022 9:50:00 AM	6/25/2022 9:41:00 AM	2-Methylnaphthalene	n/a	<	0.026	µg/L	EPA 8270C	0.026	0.1	WKL	
ME-SCR	2021/22-4	Dry	5/17/2022 9:50:00 AM	6/24/2022 5:51:00 AM	2-Methylphenol	n/a	<	0.34	µg/L	EPA 8270C	0.34	1	WKL	
ME-SCR	2021/22-4	Dry	5/17/2022 9:50:00 AM	6/24/2022 5:51:00 AM	2-Nitrophenol	n/a	<	0.71	µg/L	EPA 8270C	0.71	1	WKL	
ME-SCR	2021/22-4	Dry	5/17/2022 9:50:00 AM	6/7/2022 1:36:00 AM	2-Nitrophenol	n/a	<	0.26	µg/L	EPA 625.1	0.26	1	WKL	
ME-SCR	2021/22-4	Dry	5/17/2022 9:50:00 AM	6/7/2022 1:36:00 AM	3,3'-Dichlorobenzidine	n/a	<	2.5	µg/L	EPA 625.1	2.5	5	WKL	
ME-SCR	2021/22-4	Dry	5/17/2022 9:50:00 AM	6/24/2022 5:51:00 AM	3-/4-Methylphenol	n/a	<	0.3	µg/L	EPA 8270C	0.3	1	WKL	
ME-SCR	2021/22-4	Dry	5/17/2022 9:50:00 AM	6/7/2022 1:36:00 AM	4,6-Dinitro-2-methylphenol	n/a	<	0.5	µg/L	EPA 625.1	0.5	5	WKL	
ME-SCR	2021/22-4	Dry	5/17/2022 9:50:00 AM	6/24/2022 5:51:00 AM	4,6-Dinitro-2-methylphenol	n/a	<	0.14	µg/L	EPA 8270C	0.14	1	WKL	
ME-SCR	2021/22-4	Dry	5/17/2022 9:50:00 AM	6/7/2022 1:36:00 AM	4-Bromophenyl phenyl ether	n/a	<	0.36	µg/L	EPA 625.1	0.36	1	WKL	
ME-SCR	2021/22-4	Dry	5/17/2022 9:50:00 AM	6/7/2022 1:36:00 AM	4-Chloro-3-methylphenol	n/a	<	0.23	µg/L	EPA 625.1	0.23	1	WKL	
ME-SCR	2021/22-4	Dry	5/17/2022 9:50:00 AM	6/24/2022 5:51:00 AM	4-Chloro-3-methylphenol	n/a	<	0.37	µg/L	EPA 8270C	0.37	1	WKL	
ME-SCR	2021/22-4	Dry	5/17/2022 9:50:00 AM	6/7/2022 1:36:00 AM	4-Chlorophenyl phenyl ether	n/a	<	0.41	µg/L	EPA 625.1	0.41	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	2021/22-4	Dry	5/17/2022 9:50:00 AM	6/7/2022 1:36:00 AM	4-Nitrophenol	n/a	<	1.2	µg/L	EPA 625.1	1.2	5	WKL	
ME-SCR	2021/22-4	Dry	5/17/2022 9:50:00 AM	6/24/2022 5:51:00 AM	4-Nitrophenol	n/a	<	1	µg/L	EPA 8270C	1	2	WKL	
ME-SCR	2021/22-4	Dry	5/17/2022 9:50:00 AM	6/7/2022 1:36:00 AM	Acenaphthene	n/a	<	0.38	µg/L	EPA 625.1	0.38	1	WKL	
ME-SCR	2021/22-4	Dry	5/17/2022 9:50:00 AM	6/25/2022 9:41:00 AM	Acenaphthene	n/a	<	0.028	µg/L	EPA 8270C	0.028	0.1	WKL	
ME-SCR	2021/22-4	Dry	5/17/2022 9:50:00 AM	6/25/2022 9:41:00 AM	Acenaphthylene	n/a	<	0.033	µg/L	EPA 8270C	0.033	0.1	WKL	
ME-SCR	2021/22-4	Dry	5/17/2022 9:50:00 AM	6/7/2022 1:36:00 AM	Acenaphthylene	n/a	<	0.35	µg/L	EPA 625.1	0.35	1	WKL	
ME-SCR	2021/22-4	Dry	5/17/2022 9:50:00 AM	6/7/2022 1:36:00 AM	Anthracene	n/a	<	0.41	µg/L	EPA 625.1	0.41	1	WKL	
ME-SCR	2021/22-4	Dry	5/17/2022 9:50:00 AM	6/25/2022 9:41:00 AM	Anthracene	n/a	<	0.025	µg/L	EPA 8270C	0.025	0.1	WKL	
ME-SCR	2021/22-4	Dry	5/17/2022 9:50:00 AM	6/7/2022 1:36:00 AM	Benz(a)anthracene	n/a	<	0.19	µg/L	EPA 625.1	0.19	1	WKL	
ME-SCR	2021/22-4	Dry	5/17/2022 9:50:00 AM	6/25/2022 9:41:00 AM	Benz(a)anthracene	n/a	<	0.051	µg/L	EPA 8270C	0.051	0.1	WKL	
ME-SCR	2021/22-4	Dry	5/17/2022 9:50:00 AM	6/7/2022 1:36:00 AM	Benzidine	n/a	<	3.2	µg/L	EPA 625.1	3.2	10	WKL	
ME-SCR	2021/22-4	Dry	5/17/2022 9:50:00 AM	5/31/2022 8:16:00 PM	Benzo(a)pyrene	n/a	<	0.02	µg/L	EPA 525.2	0.02	0.1	WKL	
ME-SCR	2021/22-4	Dry	5/17/2022 9:50:00 AM	6/7/2022 1:36:00 AM	Benzo(a)pyrene	n/a	<	0.39	µg/L	EPA 625.1	0.39	1	WKL	
ME-SCR	2021/22-4	Dry	5/17/2022 9:50:00 AM	6/25/2022 9:41:00 AM	Benzo(a)pyrene	n/a	<	0.051	µg/L	EPA 8270C	0.051	0.1	WKL	
ME-SCR	2021/22-4	Dry	5/17/2022 9:50:00 AM	6/7/2022 1:36:00 AM	Benzo(b)fluoranthene	n/a	<	0.46	µg/L	EPA 625.1	0.46	1	WKL	
ME-SCR	2021/22-4	Dry	5/17/2022 9:50:00 AM	6/25/2022 9:41:00 AM	Benzo(b)fluoranthene	n/a	<	0.074	µg/L	EPA 8270C	0.074	0.1	WKL	
ME-SCR	2021/22-4	Dry	5/17/2022 9:50:00 AM	6/25/2022 9:41:00 AM	Benzo(g,h,i)perylene	n/a	DNQ	0.08	µg/L	EPA 8270C	0.05	0.1	WKL	
ME-SCR	2021/22-4	Dry	5/17/2022 9:50:00 AM	6/7/2022 1:36:00 AM	Benzo(g,h,i)perylene	n/a	<	0.42	µg/L	EPA 625.1	0.42	2	WKL	
ME-SCR	2021/22-4	Dry	5/17/2022 9:50:00 AM	6/7/2022 1:36:00 AM	Benzo(k)fluoranthene	n/a	<	0.22	µg/L	EPA 625.1	0.22	1	WKL	
ME-SCR	2021/22-4	Dry	5/17/2022 9:50:00 AM	6/25/2022 9:41:00 AM	Benzo(k)fluoranthene	n/a	<	0.026	µg/L	EPA 8270C	0.026	0.1	WKL	
ME-SCR	2021/22-4	Dry	5/17/2022 9:50:00 AM	6/7/2022 1:36:00 AM	Bis(2-chloroethoxy)methane	n/a	<	0.25	µg/L	EPA 625.1	0.25	1	WKL	
ME-SCR	2021/22-4	Dry	5/17/2022 9:50:00 AM	6/7/2022 1:36:00 AM	Bis(2-chloroethyl)ether	n/a	<	0.27	µg/L	EPA 625.1	0.27	1	WKL	
ME-SCR	2021/22-4	Dry	5/17/2022 9:50:00 AM	6/7/2022 1:36:00 AM	Bis(2-chloroisopropyl)ether	n/a	<	0.38	µg/L	EPA 625.1	0.38	1	WKL	
ME-SCR	2021/22-4	Dry	5/17/2022 9:50:00 AM	5/31/2022 8:16:00 PM	Bis(2-ethylhexyl)adipate	n/a	<	0.42	µg/L	EPA 525.2	0.42	5	WKL	
ME-SCR	2021/22-4	Dry	5/17/2022 9:50:00 AM	5/31/2022 8:16:00 PM	Bis(2-ethylhexyl)phthalate	n/a	<	0.41	µg/L	EPA 525.2	0.41	3	WKL	
ME-SCR	2021/22-4	Dry	5/17/2022 9:50:00 AM	6/11/2022 12:31:00 PM	Bis(2-ethylhexyl)phthalate	n/a	<	2.3	µg/L	EPA 625.1	2.3	5	WKL	EST-HT, CK
ME-SCR	2021/22-4	Dry	5/17/2022 9:50:00 AM	6/7/2022 1:36:00 AM	Butyl benzyl phthalate	n/a	<	0.49	µg/L	EPA 625.1	0.49	1	WKL	
ME-SCR	2021/22-4	Dry	5/17/2022 9:50:00 AM	6/25/2022 9:41:00 AM	Chrysene	n/a	<	0.074	µg/L	EPA 8270C	0.074	0.1	WKL	
ME-SCR	2021/22-4	Dry	5/17/2022 9:50:00 AM	6/7/2022 1:36:00 AM	Chrysene	n/a	<	0.19	µg/L	EPA 625.1	0.19	1	WKL	
ME-SCR	2021/22-4	Dry	5/17/2022 9:50:00 AM	6/7/2022 1:36:00 AM	Dibenz(a,h)anthracene	n/a	<	0.15	µg/L	EPA 625.1	0.15	2	WKL	
ME-SCR	2021/22-4	Dry	5/17/2022 9:50:00 AM	6/25/2022 9:41:00 AM	Dibenz(a,h)anthracene	n/a	DNQ	0.068	µg/L	EPA 8270C	0.036	0.1	WKL	UL-MB
ME-SCR	2021/22-4	Dry	5/17/2022 9:50:00 AM	6/7/2022 1:36:00 AM	Diethyl phthalate	n/a	<	0.35	µg/L	EPA 625.1	0.35	1	WKL	
ME-SCR	2021/22-4	Dry	5/17/2022 9:50:00 AM	6/7/2022 1:36:00 AM	Dimethyl phthalate	n/a	<	0.18	µg/L	EPA 625.1	0.18	1	WKL	
ME-SCR	2021/22-4	Dry	5/17/2022 9:50:00 AM	6/7/2022 1:36:00 AM	Di-n-butylphthalate	n/a	<	0.34	µg/L	EPA 625.1	0.34	1	WKL	
ME-SCR	2021/22-4	Dry	5/17/2022 9:50:00 AM	6/7/2022 1:36:00 AM	Di-n-octylphthalate	n/a	<	0.46	µg/L	EPA 625.1	0.46	1	WKL	
ME-SCR	2021/22-4	Dry	5/17/2022 9:50:00 AM	6/7/2022 1:36:00 AM	Fluoranthene	n/a	<	0.35	µg/L	EPA 625.1	0.35	1	WKL	
ME-SCR	2021/22-4	Dry	5/17/2022 9:50:00 AM	6/25/2022 9:41:00 AM	Fluoranthene	n/a	<	0.039	µg/L	EPA 8270C	0.039	0.1	WKL	
ME-SCR	2021/22-4	Dry	5/17/2022 9:50:00 AM	6/7/2022 1:36:00 AM	Fluorene	n/a	<	0.35	µg/L	EPA 625.1	0.35	1	WKL	
ME-SCR	2021/22-4	Dry	5/17/2022 9:50:00 AM	6/25/2022 9:41:00 AM	Fluorene	n/a	<	0.029	µg/L	EPA 8270C	0.029	0.1	WKL	
ME-SCR	2021/22-4	Dry	5/17/2022 9:50:00 AM	6/7/2022 1:36:00 AM	Hexachlorobenzene	n/a	<	0.49	µg/L	EPA 625.1	0.49	1	WKL	
ME-SCR	2021/22-4	Dry	5/17/2022 9:50:00 AM	6/7/2022 1:36:00 AM	Hexachlorobutadiene	n/a	<	0.47	µg/L	EPA 625.1	0.47	1	WKL	
ME-SCR	2021/22-4	Dry	5/17/2022 9:50:00 AM	5/31/2022 8:16:00 PM	Hexachlorocyclopentadiene	n/a	<	0.092	µg/L	EPA 525.2	0.092	1	WKL	
ME-SCR	2021/22-4	Dry	5/17/2022 9:50:00 AM	6/7/2022 1:36:00 AM	Hexachlorocyclopentadiene	n/a	<	0.31	µg/L	EPA 625.1	0.31	5	WKL	
ME-SCR	2021/22-4	Dry	5/17/2022 9:50:00 AM	6/7/2022 1:36:00 AM	Hexachloroethane	n/a	<	0.5	µg/L	EPA 625.1	0.5	1	WKL	
ME-SCR	2021/22-4	Dry	5/17/2022 9:50:00 AM	6/7/2022 1:36:00 AM	Indeno(1,2,3-cd)pyrene	n/a	<	0.25	µg/L	EPA 625.1	0.25	2	WKL	
ME-SCR	2021/22-4	Dry	5/17/2022 9:50:00 AM	6/25/2022 9:41:00 AM	Indeno(1,2,3-cd)pyrene	n/a	<	0.065	µg/L	EPA 8270C	0.065	0.1	WKL	
ME-SCR	2021/22-4	Dry	5/17/2022 9:50:00 AM	6/7/2022 1:36:00 AM	Isophorone	n/a	<	0.21	µg/L	EPA 625.1	0.21	1	WKL	
ME-SCR	2021/22-4	Dry	5/17/2022 9:50:00 AM	6/7/2022 1:36:00 AM	Naphthalene	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-SCR	2021/22-4	Dry	5/17/2022 9:50:00 AM	6/25/2022 9:41:00 AM	Naphthalene	n/a	<	0.026	µg/L	EPA 8270C	0.026	0.1	WKL	
ME-SCR	2021/22-4	Dry	5/17/2022 9:50:00 AM	6/7/2022 1:36:00 AM	Nitrobenzene	n/a	<	0.36	µg/L	EPA 625.1	0.36	1	WKL	
ME-SCR	2021/22-4	Dry	5/17/2022 9:50:00 AM	6/7/2022 1:36:00 AM	N-Nitrosodimethylamine	n/a	<	0.5	µg/L	EPA 625.1	0.5	1	WKL	
ME-SCR	2021/22-4	Dry	5/17/2022 9:50:00 AM	6/7/2022 1:36:00 AM	N-Nitrosodi-N-propylamine	n/a	<	0.26	µg/L	EPA 625.1	0.26	1	WKL	
ME-SCR	2021/22-4	Dry	5/17/2022 9:50:00 AM	6/7/2022 1:36:00 AM	N-Nitrosodiphenylamine	n/a	<	0.19	µg/L	EPA 625.1	0.19	1	WKL	
ME-SCR	2021/22-4	Dry	5/17/2022 9:50:00 AM	6/7/2022 1:36:00 AM	Phenanthrene	n/a	<	0.32	µg/L	EPA 625.1	0.32	1	WKL	
ME-SCR	2021/22-4	Dry	5/17/2022 9:50:00 AM	6/25/2022 9:41:00 AM	Phenanthrene	n/a	<	0.029	µg/L	EPA 8270C	0.029	0.1	WKL	
ME-SCR	2021/22-4	Dry	5/17/2022 9:50:00 AM	6/7/2022 1:36:00 AM	Phenol	n/a	<	0.81	µg/L	EPA 625.1	0.81	1	WKL	
ME-SCR	2021/22-4	Dry	5/17/2022 9:50:00 AM	6/24/2022 5:51:00 AM	Phenol	n/a	<	0.35	µg/L	EPA 8270C	0.35	1	WKL	
ME-SCR	2021/22-4	Dry	5/17/2022 9:50:00 AM	6/7/2022 1:36:00 AM	Pyrene	n/a	<	0.25	µg/L	EPA 625.1	0.25	1	WKL	
ME-SCR	2021/22-4	Dry	5/17/2022 9:50:00 AM	6/25/2022 9:41:00 AM	Pyrene	n/a	<	0.04	µg/L	EPA 8270C	0.04	0.1	WKL	
ME-SCR	2021/22-4	Dry	5/17/2022 9:50:00 AM	6/11/2022 3:00:00 PM	PCB Aroclor 1016	n/a	<	0.029	µg/L	EPA 608.3	0.029	0.5	WKL	EST-HT, CK
ME-SCR	2021/22-4	Dry	5/17/2022 9:50:00 AM	6/11/2022 3:00:00 PM	PCB Aroclor 1221	n/a	<	0.06	µg/L	EPA 608.3	0.06	0.5	WKL	EST-HT, CK
ME-SCR	2021/22-4	Dry	5/17/2022 9:50:00 AM	6/11/2022 3:00:00 PM	PCB Aroclor 1232	n/a	<	0.1	µg/L	EPA 608.3	0.1	0.5	WKL	EST-HT, CK
ME-SCR	2021/22-4	Dry	5/17/2022 9:50:00 AM	6/11/2022 3:00:00 PM	PCB Aroclor 1242	n/a	<	0.07	µg/L	EPA 608.3	0.07	0.5	WKL	EST-HT, CK
ME-SCR	2021/22-4	Dry	5/17/2022 9:50:00 AM	6/11/2022 3:00:00 PM	PCB Aroclor 1248	n/a	<	0.06	µg/L	EPA 608.3	0.06	0.5	WKL	EST-HT, CK
ME-SCR	2021/22-4	Dry	5/17/2022 9:50:00 AM	6/11/2022 3:00:00 PM	PCB Aroclor 1254	n/a	<	0.04	µg/L	EPA 608.3	0.04	0.5	WKL	EST-HT, CK
ME-SCR	2021/22-4	Dry	5/17/2022 9:50:00 AM	6/11/2022 3:00:00 PM	PCB Aroclor 1260	n/a	<	0.055	µg/L	EPA 608.3	0.055	0.5	WKL	EST-HT, CK
ME-SCR	2021/22-4	Dry	5/17/2022 9:50:00 AM	5/28/2022 5:58:00 PM	2,4,5-T	n/a	<	0.03	µg/L	EPA 515.4	0.03	0.2	WKL	
ME-SCR	2021/22-4	Dry	5/17/2022 9:50:00 AM	5/28/2022 5:58:00 PM	2,4,5-TP	n/a	<	0.026	µg/L	EPA 515.4	0.026	0.2	WKL	
ME-SCR	2021/22-4	Dry	5/17/2022 9:50:00 AM	5/28/2022 5:58:00 PM	2,4-D	n/a	<	0.14	µg/L	EPA 515.4	0.14	0.4	WKL	
ME-SCR	2021/22-4	Dry	5/17/2022 9:50:00 AM	5/28/2022 5:58:00 PM	2,4-DB	n/a	<	0.19	µg/L	EPA 515.4	0.19	2	WKL	
ME-SCR	2021/22-4	Dry	5/17/2022 9:50:00 AM	5/28/2022 5:58:00 PM	3,5-Dichlorobenzoic acid	n/a	<	0.12	µg/L	EPA 515.4	0.12	1	WKL	
ME-SCR	2021/22-4	Dry	5/17/2022 9:50:00 AM	6/11/2022 3:00:00 PM	4,4'-DDD	n/a	<	0.0007	µg/L	EPA 608.3	0.0007	0.05	WKL	EST-HT, CK
ME-SCR	2021/22-4	Dry	5/17/2022 9:50:00 AM	6/11/2022 3:00:00 PM	4,4'-DDE	n/a	<	0.0007	µg/L	EPA 608.3	0.0007	0.05	WKL	EST-HT, CK
ME-SCR	2021/22-4	Dry	5/17/2022 9:50:00 AM	6/11/2022 3:00:00 PM	4,4'-DDT	n/a	<	0.0011	µg/L	EPA 608.3	0.0011	0.01	WKL	EST-HT, CK
ME-SCR	2021/22-4	Dry	5/17/2022 9:50:00 AM	5/28/2022 5:58:00 PM	Acifluorfen	n/a	<	0.03	µg/L	EPA 515.4	0.03	0.4	WKL	
ME-SCR	2021/22-4	Dry	5/17/2022 9:50:00 AM	5/31/2022 8:16:00 PM	Alachlor	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1	WKL	
ME-SCR	2021/22-4	Dry	5/17/2022 9:50:00 AM	6/11/2022 3:00:00 PM	Aldrin	n/a	<	0.001	µg/L	EPA 608.3	0.001	0.005	WKL	EST-HT, CK
ME-SCR	2021/22-4	Dry	5/17/2022 9:50:00 AM	6/11/2022 3:00:00 PM	alpha-BHC	n/a	<	0.0011	µg/L	EPA 608.3	0.0011	0.01	WKL	EST-HT, CK
ME-SCR	2021/22-4	Dry	5/17/2022 9:50:00 AM	6/11/2022 3:00:00 PM	alpha-Chlordane	n/a	<	0.0029	µg/L	EPA 608.3	0.0029	0.01	WKL	EST-HT, CK
ME-SCR	2021/22-4	Dry	5/17/2022 9:50:00 AM	5/31/2022 8:16:00 PM	Atrazine	n/a	<	0.011	µg/L	EPA 525.2	0.011	0.1	WKL	
ME-SCR	2021/22-4	Dry	5/17/2022 9:50:00 AM	6/2/2022 1:54:00 AM	Azinphos methyl	n/a	<	0.0053	µg/L	EPA 625.1m	0.0053	0.01	WKL	
ME-SCR	2021/22-4	Dry	5/17/2022 9:50:00 AM	5/28/2022 5:58:00 PM	Bentazon	n/a	<	0.23	µg/L	EPA 515.4	0.23	2	WKL	
ME-SCR	2021/22-4	Dry	5/17/2022 9:50:00 AM	6/11/2022 3:00:00 PM	beta-BHC	n/a	<	0.0015	µg/L	EPA 608.3	0.0015	0.005	WKL	EST-HT, CK
ME-SCR	2021/22-4	Dry	5/17/2022 9:50:00 AM	6/2/2022 1:54:00 AM	Bolstar	n/a	<	0.0027	µg/L	EPA 625.1m	0.0027	0.01	WKL	
ME-SCR	2021/22-4	Dry	5/17/2022 9:50:00 AM	5/31/2022 8:16:00 PM	Bromacil	n/a	<	0.07	µg/L	EPA 525.2	0.07	0.5	WKL	
ME-SCR	2021/22-4	Dry	5/17/2022 9:50:00 AM	5/31/2022 8:16:00 PM	Butachlor	n/a	<	0.012	µg/L	EPA 525.2	0.012	0.1	WKL	
ME-SCR	2021/22-4	Dry	5/17/2022 9:50:00 AM	5/31/2022 8:16:00 PM	Captan	n/a	<	0.32	µg/L	EPA 525.2	0.32	1	WKL	
ME-SCR	2021/22-4	Dry	5/17/2022 9:50:00 AM	6/11/2022 3:00:00 PM	Chlordane (technical)	n/a	<	0.043	µg/L	EPA 608.3	0.043	0.1	WKL	EST-HT, CK
ME-SCR	2021/22-4	Dry	5/17/2022 9:50:00 AM	5/31/2022 8:16:00 PM	Chlorpropham	n/a	<	0.04	µg/L	EPA 525.2	0.04	0.1	WKL	
ME-SCR	2021/22-4	Dry	5/17/2022 9:50:00 AM	6/2/2022 1:54:00 AM	Chlorpyrifos	n/a	<	0.0013	µg/L	EPA 625.1m	0.0013	0.01	WKL	
ME-SCR	2021/22-4	Dry	5/17/2022 9:50:00 AM	6/2/2022 1:54:00 AM	Coumaphos	n/a	<	0.0055	µg/L	EPA 625.1m	0.0055	0.01	WKL	
ME-SCR	2021/22-4	Dry	5/17/2022 9:50:00 AM	5/28/2022 5:58:00 PM	Dalapon	n/a	<	0.11	µg/L	EPA 515.4	0.11	0.4	WKL	
ME-SCR	2021/22-4	Dry	5/17/2022 9:50:00 AM	5/28/2022 5:58:00 PM	DCPA (Dacthal)	n/a	=	0.13	µg/L	EPA 515.4	0.029	0.1	WKL	
ME-SCR	2021/22-4	Dry	5/17/2022 9:50:00 AM	6/11/2022 3:00:00 PM	delta-BHC	n/a	<	0.0019	µg/L	EPA 608.3	0.0019	0.005	WKL	EST-HT, CK
ME-SCR	2021/22-4	Dry	5/17/2022 9:50:00 AM	6/2/2022 1:54:00 AM	Demeton-O	n/a	<	0.0019	µg/L	EPA 625.1m	0.0019	0.01	WKL	
ME-SCR	2021/22-4	Dry	5/17/2022 9:50:00 AM	6/2/2022 1:54:00 AM	Demeton-S	n/a	<	0.0014	µg/L	EPA 625.1m	0.0014	0.01	WKL	LB-LCSR

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
ME-SCR	2021/22-4	Dry	5/17/2022 9:50:00 AM	5/31/2022 8:16:00 PM	Diazinon	n/a	<	0.022	µg/L	EPA 525.2	0.022	0.1	WKL	
ME-SCR	2021/22-4	Dry	5/17/2022 9:50:00 AM	6/2/2022 1:54:00 AM	Diazinon	n/a	<	0.001	µg/L	EPA 625.1m	0.001	0.01	WKL	LB-LCSR
ME-SCR	2021/22-4	Dry	5/17/2022 9:50:00 AM	5/28/2022 5:58:00 PM	Dicamba	n/a	<	0.049	µg/L	EPA 515.4	0.049	0.6	WKL	
ME-SCR	2021/22-4	Dry	5/17/2022 9:50:00 AM	5/28/2022 5:58:00 PM	Dichlorprop	n/a	<	0.12	µg/L	EPA 515.4	0.12	0.3	WKL	
ME-SCR	2021/22-4	Dry	5/17/2022 9:50:00 AM	6/2/2022 1:54:00 AM	Dichlorvos	n/a	<	0.0009	µg/L	EPA 625.1m	0.0009	0.01	WKL	
ME-SCR	2021/22-4	Dry	5/17/2022 9:50:00 AM	6/11/2022 3:00:00 PM	Dieldrin	n/a	<	0.0008	µg/L	EPA 608.3	0.0008	0.01	WKL	EST-HT, CK
ME-SCR	2021/22-4	Dry	5/17/2022 9:50:00 AM	5/31/2022 8:16:00 PM	Dimethoate	n/a	<	0.02	µg/L	EPA 525.2	0.02	0.2	WKL	
ME-SCR	2021/22-4	Dry	5/17/2022 9:50:00 AM	6/2/2022 1:54:00 AM	Dimethoate	n/a	<	0.0027	µg/L	EPA 625.1m	0.0027	0.01	WKL	
ME-SCR	2021/22-4	Dry	5/17/2022 9:50:00 AM	5/28/2022 5:58:00 PM	Dinoseb	n/a	<	0.033	µg/L	EPA 515.4	0.033	0.4	WKL	
ME-SCR	2021/22-4	Dry	5/17/2022 9:50:00 AM	5/31/2022 8:16:00 PM	Diphenamid	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1	WKL	
ME-SCR	2021/22-4	Dry	5/17/2022 9:50:00 AM	5/31/2022 8:16:00 PM	Disulfoton	n/a	<	0.015	µg/L	EPA 525.2	0.015	0.1	WKL	
ME-SCR	2021/22-4	Dry	5/17/2022 9:50:00 AM	6/2/2022 1:54:00 AM	Disulfoton	n/a	<	0.0017	µg/L	EPA 625.1m	0.0017	0.01	WKL	
ME-SCR	2021/22-4	Dry	5/17/2022 9:50:00 AM	6/11/2022 3:00:00 PM	Endosulfan I	n/a	<	0.0009	µg/L	EPA 608.3	0.0009	0.02	WKL	EST-HT, LB-LC
ME-SCR	2021/22-4	Dry	5/17/2022 9:50:00 AM	6/11/2022 3:00:00 PM	Endosulfan II	n/a	<	0.0007	µg/L	EPA 608.3	0.0007	0.01	WKL	EST-HT, CK
ME-SCR	2021/22-4	Dry	5/17/2022 9:50:00 AM	6/11/2022 3:00:00 PM	Endosulfan sulfate	n/a	<	0.0013	µg/L	EPA 608.3	0.0013	0.05	WKL	EST-HT, CK
ME-SCR	2021/22-4	Dry	5/17/2022 9:50:00 AM	6/11/2022 3:00:00 PM	Endrin	n/a	<	0.0017	µg/L	EPA 608.3	0.0017	0.01	WKL	EST-HT, CK
ME-SCR	2021/22-4	Dry	5/17/2022 9:50:00 AM	6/11/2022 3:00:00 PM	Endrin aldehyde	n/a	<	0.0019	µg/L	EPA 608.3	0.0019	0.01	WKL	EST-HT, CK
ME-SCR	2021/22-4	Dry	5/17/2022 9:50:00 AM	5/31/2022 8:16:00 PM	EPTC	n/a	<	0.02	µg/L	EPA 525.2	0.02	0.1	WKL	
ME-SCR	2021/22-4	Dry	5/17/2022 9:50:00 AM	6/2/2022 1:54:00 AM	Ethoprop	n/a	<	0.0006	µg/L	EPA 625.1m	0.0006	0.01	WKL	
ME-SCR	2021/22-4	Dry	5/17/2022 9:50:00 AM	6/2/2022 1:54:00 AM	Ethyl parathion	n/a	<	0.0022	µg/L	EPA 625.1m	0.0022	0.01	WKL	
ME-SCR	2021/22-4	Dry	5/17/2022 9:50:00 AM	6/2/2022 1:54:00 AM	Fensulfthion	n/a	<	0.0029	µg/L	EPA 625.1m	0.0029	0.01	WKL	
ME-SCR	2021/22-4	Dry	5/17/2022 9:50:00 AM	6/2/2022 1:54:00 AM	Fenthion	n/a	<	0.0021	µg/L	EPA 625.1m	0.0021	0.01	WKL	
ME-SCR	2021/22-4	Dry	5/17/2022 9:50:00 AM	6/11/2022 3:00:00 PM	gamma-BHC (Lindane)	n/a	<	0.0004	µg/L	EPA 608.3	0.0004	0.02	WKL	EST-HT, CK
ME-SCR	2021/22-4	Dry	5/17/2022 9:50:00 AM	6/11/2022 3:00:00 PM	gamma-Chlordane	n/a	<	0.0023	µg/L	EPA 608.3	0.0023	0.01	WKL	EST-HT, CK
ME-SCR	2021/22-4	Dry	5/17/2022 9:50:00 AM	5/18/2022 12:25:00 AM	Glyphosate	n/a	<	1.8	µg/L	EPA 547	1.8	5	WKL	
ME-SCR	2021/22-4	Dry	5/17/2022 9:50:00 AM	6/11/2022 3:00:00 PM	Heptachlor	n/a	<	0.0006	µg/L	EPA 608.3	0.0006	0.01	WKL	EST-HT, CK
ME-SCR	2021/22-4	Dry	5/17/2022 9:50:00 AM	6/11/2022 3:00:00 PM	Heptachlor epoxide	n/a	<	0.0004	µg/L	EPA 608.3	0.0004	0.01	WKL	EST-HT, CK
ME-SCR	2021/22-4	Dry	5/17/2022 9:50:00 AM	6/2/2022 1:54:00 AM	Malathion	n/a	<	0.0021	µg/L	EPA 625.1m	0.0021	0.01	WKL	
ME-SCR	2021/22-4	Dry	5/17/2022 9:50:00 AM	6/2/2022 1:54:00 AM	Merphos	n/a	<	0.0055	µg/L	EPA 625.1m	0.0055	0.01	WKL	
ME-SCR	2021/22-4	Dry	5/17/2022 9:50:00 AM	6/2/2022 1:54:00 AM	Methyl parathion	n/a	<	0.0013	µg/L	EPA 625.1m	0.0013	0.01	WKL	
ME-SCR	2021/22-4	Dry	5/17/2022 9:50:00 AM	5/31/2022 8:16:00 PM	Metolachlor	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1	WKL	
ME-SCR	2021/22-4	Dry	5/17/2022 9:50:00 AM	5/31/2022 8:16:00 PM	Metribuzin	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1	WKL	
ME-SCR	2021/22-4	Dry	5/17/2022 9:50:00 AM	6/2/2022 1:54:00 AM	Mevinphos	n/a	<	0.0013	µg/L	EPA 625.1m	0.0013	0.01	WKL	
ME-SCR	2021/22-4	Dry	5/17/2022 9:50:00 AM	5/31/2022 8:16:00 PM	Molinate	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1	WKL	
ME-SCR	2021/22-4	Dry	5/17/2022 9:50:00 AM	6/2/2022 1:54:00 AM	Naled	n/a	<	0.0007	µg/L	EPA 625.1m	0.0007	0.01	WKL	
ME-SCR	2021/22-4	Dry	5/17/2022 9:50:00 AM	6/24/2022 5:51:00 AM	Pentachlorophenol	n/a	<	0.15	µg/L	EPA 8270C	0.15	1	WKL	
ME-SCR	2021/22-4	Dry	5/17/2022 9:50:00 AM	6/7/2022 1:36:00 AM	Pentachlorophenol	n/a	<	0.4	µg/L	EPA 625.1	0.4	1	WKL	
ME-SCR	2021/22-4	Dry	5/17/2022 9:50:00 AM	5/28/2022 5:58:00 PM	Pentachlorophenol	n/a	<	0.046	µg/L	EPA 515.4	0.046	0.2	WKL	
ME-SCR	2021/22-4	Dry	5/17/2022 9:50:00 AM	6/2/2022 1:54:00 AM	Phorate	n/a	<	0.0014	µg/L	EPA 625.1m	0.0014	0.01	WKL	
ME-SCR	2021/22-4	Dry	5/17/2022 9:50:00 AM	5/28/2022 5:58:00 PM	Picloram	n/a	<	0.05	µg/L	EPA 515.4	0.05	0.6	WKL	
ME-SCR	2021/22-4	Dry	5/17/2022 9:50:00 AM	5/31/2022 8:16:00 PM	Prometryn	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1	WKL	
ME-SCR	2021/22-4	Dry	5/17/2022 9:50:00 AM	6/2/2022 1:54:00 AM	Ronnel (Fenchlorphos)	n/a	<	0.0014	µg/L	EPA 625.1m	0.0014	0.01	WKL	
ME-SCR	2021/22-4	Dry	5/17/2022 9:50:00 AM	5/31/2022 8:16:00 PM	Simazine	n/a	<	0.02	µg/L	EPA 525.2	0.02	0.1	WKL	
ME-SCR	2021/22-4	Dry	5/17/2022 9:50:00 AM	6/2/2022 1:54:00 AM	Stirophos (Tetrachlorvinphos)	n/a	<	0.0024	µg/L	EPA 625.1m	0.0024	0.01	WKL	
ME-SCR	2021/22-4	Dry	5/17/2022 9:50:00 AM	5/31/2022 8:16:00 PM	Terbacil	n/a	<	0.09	µg/L	EPA 525.2	0.09	2	WKL	
ME-SCR	2021/22-4	Dry	5/17/2022 9:50:00 AM	5/31/2022 8:16:00 PM	Thiobencarb	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1	WKL	
ME-SCR	2021/22-4	Dry	5/17/2022 9:50:00 AM	6/2/2022 1:54:00 AM	Tokuthion	n/a	<	0.0022	µg/L	EPA 625.1m	0.0022	0.01	WKL	
ME-SCR	2021/22-4	Dry	5/17/2022 9:50:00 AM	6/11/2022 3:00:00 PM	Toxaphene	n/a	<	0.085	µg/L	EPA 608.3	0.085	0.5	WKL	EST-HT, CK

Appendix G
Laboratory 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	2021/22-4	Dry	5/17/2022 9:50:00 AM	6/2/2022 1:54:00 AM	Trichloronate	n/a	<	0.0016	µg/L	EPA 625.1m	0.0016	0.01	WKL	
ME-SCR	2021/22-4	Dry	5/17/2022 9:50:00 AM	5/31/2022 8:16:00 PM	Trithion	n/a	<	0.02	µg/L	EPA 525.2	0.02	0.1	WKL	
ME-VR2	2021/22-1	Wet	10/25/2021 1:35:00 PM	10/26/2021 1:22:00 PM	E. Coli	n/a	=	2282	MPN/100 mL	MMO-MUG	10	10	FGL	
ME-VR2	2021/22-1	Wet	10/25/2021 1:35:00 PM	10/26/2021 1:22:00 PM	Total Coliform	n/a	=	172300	MPN/100 mL	MMO-MUG	1000	1000	FGL	
ME-VR2	2021/22-1	Wet	10/25/2021 1:35:00 PM	10/25/2021 1:35:00 PM	Conductivity	n/a	=	1103	µmhos/cm	Field Meter	-88	1	Field Crew	
ME-VR2	2021/22-1	Wet	10/25/2021 1:35:00 PM	10/28/2021 3:50:00 PM	Cyanide	Total	<	0.0012	mg/L	ASTM D7511	0.0012	0.002	WKL	
ME-VR2	2021/22-1	Wet	10/25/2021 1:35:00 PM	10/25/2021 1:35:00 PM	DO	n/a	=	72	%	Field Meter	-88	0.1	Field Crew	
ME-VR2	2021/22-1	Wet	10/25/2021 1:35:00 PM	10/25/2021 1:35:00 PM	DO	n/a	=	7.01	mg/L	Field Meter	-88	0.3	Field Crew	
ME-VR2	2021/22-1	Wet	10/25/2021 1:35:00 PM	10/25/2021 1:35:00 PM	pH	n/a	=	7.13	pH Units	Field Meter	-88	0.01	Field Crew	
ME-VR2	2021/22-1	Wet	10/25/2021 1:35:00 PM	10/25/2021 1:35:00 PM	Salinity	n/a	=	700	mg/L	Field Meter	-88	100	Field Crew	
ME-VR2	2021/22-1	Wet	10/25/2021 1:35:00 PM	10/25/2021 1:35:00 PM	Specific Conductance	n/a	=	1329	µmhos/cm	Field Meter	-88	1	Field Crew	
ME-VR2	2021/22-1	Wet	10/25/2021 1:35:00 PM	10/25/2021 1:35:00 PM	Temperature	n/a	=	16.3	°C	Field Meter	-88	0.1	Field Crew	
ME-VR2	2021/22-1	Wet	10/25/2021 1:35:00 PM	10/29/2021 5:14:00 PM	Gasoline Range Organics	n/a	<	0.065	mg/L	EPA 8260B	0.065	0.1	WKL	
ME-VR2	2021/22-1	Wet	10/25/2021 1:35:00 PM	11/15/2021 5:14:00 PM	Oil and Grease	n/a	DNQ	2.3	mg/L	EPA 1664B	1.3	5	WKL	
ME-VR2	2021/22-1	Wet	10/25/2021 1:35:00 PM	10/29/2021 7:08:00 PM	2-Chloroethyl vinyl ether	n/a	<	0.19	µg/L	EPA 624.1	0.19	1	WKL	
ME-VR2	2021/22-1	Wet	10/25/2021 1:35:00 PM	10/29/2021 7:08:00 PM	Methyl tert-butyl ether (MTBE)	n/a	<	0.4	µg/L	EPA 624.1	0.4	1	WKL	
ME-VR2	2021/22-1	Wet	10/26/2021 8:35:00 AM	11/13/2021 5:01:00 AM	Chloride	n/a	=	98	mg/L	EPA 300.0	0.38	1	WKL	
ME-VR2	2021/22-1	Wet	10/26/2021 8:35:00 AM	11/13/2021 5:01:00 AM	Fluoride	n/a	=	0.34	mg/L	EPA 300.0	0.018	0.2	WKL	
ME-VR2	2021/22-1	Wet	10/26/2021 8:35:00 AM	10/30/2021 10:09:00 PM	Perchlorate	n/a	<	2	µg/L	EPA 314.0	2	10	WKL	
ME-VR2	2021/22-1	Wet	10/26/2021 8:35:00 AM	11/17/2021 5:40:00 PM	Calcium	Total	=	146	mg/L	EPA 200.7	0.16	0.5	WKL	
ME-VR2	2021/22-1	Wet	10/26/2021 8:35:00 AM	11/17/2021 5:40:00 PM	Magnesium	Total	=	40.8	mg/L	EPA 200.7	0.039	0.5	WKL	
ME-VR2	2021/22-1	Wet	10/26/2021 8:35:00 AM	10/29/2021 5:33:00 PM	Alkalinity as CaCO3	n/a	=	260	mg/L	SM 2320 B	2.3	5	WKL	
ME-VR2	2021/22-1	Wet	10/26/2021 8:35:00 AM	11/1/2021 6:00:00 PM	BOD	n/a	=	4.4	mg/L	SM 5210 B	2	2	WKL	
ME-VR2	2021/22-1	Wet	10/26/2021 8:35:00 AM	11/10/2021 11:20:00 AM	COD	n/a	=	28	mg/L	EPA 410.4	2.9	5	WKL	
ME-VR2	2021/22-1	Wet	10/26/2021 8:35:00 AM	11/17/2021 5:40:00 PM	Hardness as CaCO3	Total	=	533	mg/L	EPA 200.7	0.56	3.31	WKL	
ME-VR2	2021/22-1	Wet	10/26/2021 8:35:00 AM	10/27/2021 7:16:00 PM	MBAS	n/a	DNQ	0.028	mg/L	SM 5540 C	0.013	0.05	WKL	
ME-VR2	2021/22-1	Wet	10/26/2021 8:35:00 AM	11/10/2021 2:09:00 PM	Phenolics	n/a	=	0.02	mg/L	EPA 420.4	0.0042	0.01	WKL	
ME-VR2	2021/22-1	Wet	10/26/2021 8:35:00 AM	10/30/2021 11:33:00 AM	Specific Conductance	n/a	=	1300	µmhos/cm	SM 2510 B	1.1	2	WKL	
ME-VR2	2021/22-1	Wet	10/26/2021 8:35:00 AM	10/31/2021 1:00:00 PM	Total Dissolved Solids	n/a	=	900	mg/L	SM 2540 C	4	10	WKL	
ME-VR2	2021/22-1	Wet	10/26/2021 8:35:00 AM	11/4/2021 8:21:00 PM	Total Organic Carbon	n/a	=	7.8	mg/L	SM 5310 B	0.19	0.3	WKL	
ME-VR2	2021/22-1	Wet	10/26/2021 8:35:00 AM	10/28/2021 7:27:00 PM	Total Suspended Solids	n/a	=	18	mg/L	SM 2540 D	-88	5	WKL	
ME-VR2	2021/22-1	Wet	10/26/2021 8:35:00 AM	10/27/2021 10:05:00 AM	Turbidity	n/a	=	11	NTU	EPA 180.1	0.017	0.1	WKL	
ME-VR2	2021/22-1	Wet	10/26/2021 8:35:00 AM	10/28/2021 7:07:00 PM	Volatile Suspended Solids	n/a	<	3.1	mg/L	EPA 160.4	3.1	5	WKL	
ME-VR2	2021/22-1	Wet	10/26/2021 8:35:00 AM	11/19/2021 3:22:00 AM	Diesel Range Organics	n/a	=	0.26	mg/L	EPA 8015B	0.072	0.1	WKL	EST-LCSRPD
ME-VR2	2021/22-1	Wet	10/26/2021 8:35:00 AM	11/19/2021 3:22:00 AM	Oil Range Organics	n/a	<	0.33	mg/L	EPA 8015B	0.33	0.5	WKL	
ME-VR2	2021/22-1	Wet	10/26/2021 8:35:00 AM	11/11/2021 5:54:00 PM	Aluminum	Dissolved	DNQ	6.9	µg/L	EPA 200.8	4.4	20	WKL	
ME-VR2	2021/22-1	Wet	10/26/2021 8:35:00 AM	11/11/2021 5:57:00 PM	Aluminum	Total	=	400	µg/L	EPA 200.8	4.4	20	WKL	
ME-VR2	2021/22-1	Wet	10/26/2021 8:35:00 AM	11/11/2021 5:54:00 PM	Antimony	Dissolved	DNQ	0.13	µg/L	EPA 200.8	0.089	0.5	WKL	
ME-VR2	2021/22-1	Wet	10/26/2021 8:35:00 AM	11/11/2021 5:57:00 PM	Antimony	Total	DNQ	0.14	µg/L	EPA 200.8	0.089	0.5	WKL	
ME-VR2	2021/22-1	Wet	10/26/2021 8:35:00 AM	11/11/2021 5:54:00 PM	Arsenic	Dissolved	=	0.7	µg/L	EPA 200.8	0.074	0.4	WKL	
ME-VR2	2021/22-1	Wet	10/26/2021 8:35:00 AM	11/11/2021 5:57:00 PM	Arsenic	Total	=	0.83	µg/L	EPA 200.8	0.074	0.4	WKL	
ME-VR2	2021/22-1	Wet	10/26/2021 8:35:00 AM	11/11/2021 5:57:00 PM	Barium	Total	=	58	µg/L	EPA 200.8	0.14	1	WKL	
ME-VR2	2021/22-1	Wet	10/26/2021 8:35:00 AM	11/11/2021 5:54:00 PM	Beryllium	Dissolved	<	0.062	µg/L	EPA 200.8	0.062	0.1	WKL	
ME-VR2	2021/22-1	Wet	10/26/2021 8:35:00 AM	11/11/2021 5:57:00 PM	Beryllium	Total	<	0.062	µg/L	EPA 200.8	0.062	0.1	WKL	
ME-VR2	2021/22-1	Wet	10/26/2021 8:35:00 AM	11/11/2021 5:54:00 PM	Cadmium	Dissolved	DNQ	0.045	µg/L	EPA 200.8	0.042	0.2	WKL	
ME-VR2	2021/22-1	Wet	10/26/2021 8:35:00 AM	11/11/2021 5:57:00 PM	Cadmium	Total	DNQ	0.077	µg/L	EPA 200.8	0.042	0.2	WKL	
ME-VR2	2021/22-1	Wet	10/26/2021 8:35:00 AM	11/11/2021 5:54:00 PM	Chromium	Dissolved	DNQ	0.11	µg/L	EPA 200.8	0.089	0.2	WKL	UL-MB
ME-VR2	2021/22-1	Wet	10/26/2021 8:35:00 AM	11/11/2021 5:57:00 PM	Chromium	Total	=	0.85	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
ME-VR2	2021/22-1	Wet	10/26/2021 8:35:00 AM	11/2/2021 2:59:00 PM	Chromium VI	n/a	=	0.048	µg/L	EPA 218.6	0.0079	0.02	WKL	
ME-VR2	2021/22-1	Wet	10/26/2021 8:35:00 AM	11/11/2021 5:54:00 PM	Copper	Dissolved	=	1.8	µg/L	EPA 200.8	0.23	0.5	WKL	
ME-VR2	2021/22-1	Wet	10/26/2021 8:35:00 AM	11/11/2021 5:57:00 PM	Copper	Total	=	2.7	µg/L	EPA 200.8	0.23	0.5	WKL	
ME-VR2	2021/22-1	Wet	10/26/2021 8:35:00 AM	11/11/2021 5:54:00 PM	Iron	Dissolved	=	110	µg/L	EPA 200.8	3.9	20	WKL	
ME-VR2	2021/22-1	Wet	10/26/2021 8:35:00 AM	11/11/2021 5:57:00 PM	Iron	Total	=	700	µg/L	EPA 200.8	3.9	20	WKL	
ME-VR2	2021/22-1	Wet	10/26/2021 8:35:00 AM	11/11/2021 5:54:00 PM	Lead	Dissolved	<	0.083	µg/L	EPA 200.8	0.083	0.2	WKL	
ME-VR2	2021/22-1	Wet	10/26/2021 8:35:00 AM	11/11/2021 5:57:00 PM	Lead	Total	=	0.47	µg/L	EPA 200.8	0.083	0.2	WKL	
ME-VR2	2021/22-1	Wet	10/26/2021 8:35:00 AM	11/5/2021 5:22:00 PM	Mercury	Dissolved	DNQ	17	ng/L	EPA 245.1	17	50	WKL	UL-MB
ME-VR2	2021/22-1	Wet	10/26/2021 8:35:00 AM	11/5/2021 5:24:00 PM	Mercury	Total	DNQ	19	ng/L	EPA 245.1	17	50	WKL	
ME-VR2	2021/22-1	Wet	10/26/2021 8:35:00 AM	11/11/2021 5:54:00 PM	Nickel	Dissolved	=	2.7	µg/L	EPA 200.8	0.16	2	WKL	
ME-VR2	2021/22-1	Wet	10/26/2021 8:35:00 AM	11/11/2021 5:57:00 PM	Nickel	Total	=	3.7	µg/L	EPA 200.8	0.16	2	WKL	
ME-VR2	2021/22-1	Wet	10/26/2021 8:35:00 AM	11/11/2021 5:54:00 PM	Selenium	Dissolved	=	0.95	µg/L	EPA 200.8	0.067	0.4	WKL	
ME-VR2	2021/22-1	Wet	10/26/2021 8:35:00 AM	11/11/2021 5:57:00 PM	Selenium	Total	=	0.98	µg/L	EPA 200.8	0.067	0.4	WKL	
ME-VR2	2021/22-1	Wet	10/26/2021 8:35:00 AM	11/11/2021 5:54:00 PM	Silver	Dissolved	<	0.03	µg/L	EPA 200.8	0.03	0.2	WKL	
ME-VR2	2021/22-1	Wet	10/26/2021 8:35:00 AM	11/11/2021 5:57:00 PM	Silver	Total	<	0.03	µg/L	EPA 200.8	0.03	0.2	WKL	
ME-VR2	2021/22-1	Wet	10/26/2021 8:35:00 AM	11/11/2021 5:54:00 PM	Thallium	Dissolved	<	0.021	µg/L	EPA 200.8	0.021	0.2	WKL	
ME-VR2	2021/22-1	Wet	10/26/2021 8:35:00 AM	11/11/2021 5:57:00 PM	Thallium	Total	<	0.021	µg/L	EPA 200.8	0.021	0.2	WKL	
ME-VR2	2021/22-1	Wet	10/26/2021 8:35:00 AM	11/11/2021 5:54:00 PM	Zinc	Dissolved	DNQ	2.8	µg/L	EPA 200.8	0.8	10	WKL	
ME-VR2	2021/22-1	Wet	10/26/2021 8:35:00 AM	11/11/2021 5:57:00 PM	Zinc	Total	DNQ	5.4	µg/L	EPA 200.8	0.8	10	WKL	
ME-VR2	2021/22-1	Wet	10/26/2021 8:35:00 AM	10/27/2021 4:24:00 PM	Ammonia as N	n/a	=	0.14	mg/L	EPA 350.1	0.047	0.1	WKL	
ME-VR2	2021/22-1	Wet	10/26/2021 8:35:00 AM	10/28/2021 4:47:00 PM	Nitrate + Nitrite as N	n/a	=	0.34	mg/L	EPA 353.2	0.036	0.2	WKL	
ME-VR2	2021/22-1	Wet	10/26/2021 8:35:00 AM	11/17/2021 5:37:00 PM	Phosphorus as P	Dissolved	=	0.15	mg/L	EPA 200.7	0.018	0.05	WKL	
ME-VR2	2021/22-1	Wet	10/26/2021 8:35:00 AM	11/17/2021 5:40:00 PM	Phosphorus as P	Total	=	0.21	mg/L	EPA 200.7	0.018	0.05	WKL	
ME-VR2	2021/22-1	Wet	10/26/2021 8:35:00 AM	11/9/2021 3:09:00 PM	TKN	n/a	=	0.86	mg/L	EPA 351.2	0.065	0.1	WKL	
ME-VR2	2021/22-1	Wet	10/26/2021 8:35:00 AM	11/22/2021 8:00:00 PM	1,2,4-Trichlorobenzene	n/a	<	0.49	µg/L	EPA 625.1	0.49	1	WKL	
ME-VR2	2021/22-1	Wet	10/26/2021 8:35:00 AM	11/22/2021 8:00:00 PM	1,2-Dichlorobenzene	n/a	<	0.46	µg/L	EPA 625.1	0.46	1	WKL	
ME-VR2	2021/22-1	Wet	10/26/2021 8:35:00 AM	11/22/2021 8:00:00 PM	1,2-Diphenylhydrazine	n/a	<	0.3	µg/L	EPA 625.1	0.3	1	WKL	
ME-VR2	2021/22-1	Wet	10/26/2021 8:35:00 AM	11/22/2021 8:00:00 PM	1,3-Dichlorobenzene	n/a	<	0.42	µg/L	EPA 625.1	0.42	1	WKL	
ME-VR2	2021/22-1	Wet	10/26/2021 8:35:00 AM	11/22/2021 8:00:00 PM	1,4-Dichlorobenzene	n/a	<	0.48	µg/L	EPA 625.1	0.48	1	WKL	
ME-VR2	2021/22-1	Wet	10/26/2021 8:35:00 AM	11/17/2021 7:27:00 AM	1-Methylnaphthalene	n/a	<	0.024	µg/L	EPA 8270C	0.024	0.1	WKL	
ME-VR2	2021/22-1	Wet	10/26/2021 8:35:00 AM	11/19/2021 8:32:00 PM	2,4,5-Trichlorophenol	n/a	<	0.29	µg/L	EPA 8270C	0.29	1	WKL	
ME-VR2	2021/22-1	Wet	10/26/2021 8:35:00 AM	11/22/2021 8:00:00 PM	2,4,6-Trichlorophenol	n/a	<	0.22	µg/L	EPA 625.1	0.22	1	WKL	
ME-VR2	2021/22-1	Wet	10/26/2021 8:35:00 AM	11/19/2021 8:32:00 PM	2,4,6-Trichlorophenol	n/a	<	0.3	µg/L	EPA 8270C	0.3	1	WKL	
ME-VR2	2021/22-1	Wet	10/26/2021 8:35:00 AM	11/22/2021 8:00:00 PM	2,4-Dichlorophenol	n/a	<	0.26	µg/L	EPA 625.1	0.26	1	WKL	
ME-VR2	2021/22-1	Wet	10/26/2021 8:35:00 AM	11/19/2021 8:32:00 PM	2,4-Dichlorophenol	n/a	<	0.51	µg/L	EPA 8270C	0.51	1	WKL	
ME-VR2	2021/22-1	Wet	10/26/2021 8:35:00 AM	11/22/2021 8:00:00 PM	2,4-Dimethylphenol	n/a	<	0.76	µg/L	EPA 625.1	0.76	1	WKL	
ME-VR2	2021/22-1	Wet	10/26/2021 8:35:00 AM	11/19/2021 8:32:00 PM	2,4-Dimethylphenol	n/a	<	1	µg/L	EPA 8270C	1	2	WKL	
ME-VR2	2021/22-1	Wet	10/26/2021 8:35:00 AM	11/22/2021 8:00:00 PM	2,4-Dinitrophenol	n/a	<	1.9	µg/L	EPA 625.1	1.9	10	WKL	
ME-VR2	2021/22-1	Wet	10/26/2021 8:35:00 AM	11/19/2021 8:32:00 PM	2,4-Dinitrophenol	n/a	<	1	µg/L	EPA 8270C	1	2	WKL	
ME-VR2	2021/22-1	Wet	10/26/2021 8:35:00 AM	11/22/2021 8:00:00 PM	2,4-Dinitrotoluene	n/a	<	0.46	µg/L	EPA 625.1	0.46	1	WKL	
ME-VR2	2021/22-1	Wet	10/26/2021 8:35:00 AM	11/22/2021 8:00:00 PM	2,6-Dinitrotoluene	n/a	<	0.27	µg/L	EPA 625.1	0.27	1	WKL	
ME-VR2	2021/22-1	Wet	10/26/2021 8:35:00 AM	11/22/2021 8:00:00 PM	2-Chloronaphthalene	n/a	<	0.45	µg/L	EPA 625.1	0.45	1	WKL	
ME-VR2	2021/22-1	Wet	10/26/2021 8:35:00 AM	11/22/2021 8:00:00 PM	2-Chlorophenol	n/a	<	0.28	µg/L	EPA 625.1	0.28	1	WKL	
ME-VR2	2021/22-1	Wet	10/26/2021 8:35:00 AM	11/19/2021 8:32:00 PM	2-Chlorophenol	n/a	<	0.65	µg/L	EPA 8270C	0.65	1	WKL	
ME-VR2	2021/22-1	Wet	10/26/2021 8:35:00 AM	11/17/2021 7:27:00 AM	2-Methylnaphthalene	n/a	<	0.026	µg/L	EPA 8270C	0.026	0.1	WKL	
ME-VR2	2021/22-1	Wet	10/26/2021 8:35:00 AM	11/19/2021 8:32:00 PM	2-Methylphenol	n/a	<	0.34	µg/L	EPA 8270C	0.34	1	WKL	
ME-VR2	2021/22-1	Wet	10/26/2021 8:35:00 AM	11/19/2021 8:32:00 PM	2-Nitrophenol	n/a	<	0.71	µg/L	EPA 8270C	0.71	1	WKL	
ME-VR2	2021/22-1	Wet	10/26/2021 8:35:00 AM	11/22/2021 8:00:00 PM	2-Nitrophenol	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-VR2	2021/22-1	Wet	10/26/2021 8:35:00 AM	11/22/2021 8:00:00 PM	3,3'-Dichlorobenzidine	n/a	<	2.5	µg/L	EPA 625.1	2.5	5	WKL	
ME-VR2	2021/22-1	Wet	10/26/2021 8:35:00 AM	11/19/2021 8:32:00 PM	3-/4-Methylphenol	n/a	<	0.3	µg/L	EPA 8270C	0.3	1	WKL	
ME-VR2	2021/22-1	Wet	10/26/2021 8:35:00 AM	11/22/2021 8:00:00 PM	4,6-Dinitro-2-methylphenol	n/a	<	0.5	µg/L	EPA 625.1	0.5	5	WKL	
ME-VR2	2021/22-1	Wet	10/26/2021 8:35:00 AM	11/19/2021 8:32:00 PM	4,6-Dinitro-2-methylphenol	n/a	DNQ	0.84	µg/L	EPA 8270C	0.14	1	WKL	EST-LCSRPD
ME-VR2	2021/22-1	Wet	10/26/2021 8:35:00 AM	11/22/2021 8:00:00 PM	4-Bromophenyl phenyl ether	n/a	<	0.36	µg/L	EPA 625.1	0.36	1	WKL	
ME-VR2	2021/22-1	Wet	10/26/2021 8:35:00 AM	11/19/2021 8:32:00 PM	4-Chloro-3-methylphenol	n/a	<	0.37	µg/L	EPA 8270C	0.37	1	WKL	
ME-VR2	2021/22-1	Wet	10/26/2021 8:35:00 AM	11/22/2021 8:00:00 PM	4-Chloro-3-methylphenol	n/a	<	0.23	µg/L	EPA 625.1	0.23	1	WKL	
ME-VR2	2021/22-1	Wet	10/26/2021 8:35:00 AM	11/22/2021 8:00:00 PM	4-Chlorophenyl phenyl ether	n/a	<	0.41	µg/L	EPA 625.1	0.41	1	WKL	
ME-VR2	2021/22-1	Wet	10/26/2021 8:35:00 AM	11/22/2021 8:00:00 PM	4-Nitrophenol	n/a	<	1.2	µg/L	EPA 625.1	1.2	5	WKL	
ME-VR2	2021/22-1	Wet	10/26/2021 8:35:00 AM	11/19/2021 8:32:00 PM	4-Nitrophenol	n/a	<	1	µg/L	EPA 8270C	1	2	WKL	
ME-VR2	2021/22-1	Wet	10/26/2021 8:35:00 AM	11/22/2021 8:00:00 PM	Acenaphthene	n/a	<	0.38	µg/L	EPA 625.1	0.38	1	WKL	
ME-VR2	2021/22-1	Wet	10/26/2021 8:35:00 AM	11/17/2021 7:27:00 AM	Acenaphthene	n/a	<	0.028	µg/L	EPA 8270C	0.028	0.1	WKL	
ME-VR2	2021/22-1	Wet	10/26/2021 8:35:00 AM	11/22/2021 8:00:00 PM	Acenaphthylene	n/a	<	0.35	µg/L	EPA 625.1	0.35	1	WKL	
ME-VR2	2021/22-1	Wet	10/26/2021 8:35:00 AM	11/17/2021 7:27:00 AM	Acenaphthylene	n/a	<	0.033	µg/L	EPA 8270C	0.033	0.1	WKL	
ME-VR2	2021/22-1	Wet	10/26/2021 8:35:00 AM	11/17/2021 7:27:00 AM	Anthracene	n/a	<	0.025	µg/L	EPA 8270C	0.025	0.1	WKL	
ME-VR2	2021/22-1	Wet	10/26/2021 8:35:00 AM	11/22/2021 8:00:00 PM	Anthracene	n/a	<	0.41	µg/L	EPA 625.1	0.41	1	WKL	
ME-VR2	2021/22-1	Wet	10/26/2021 8:35:00 AM	11/22/2021 8:00:00 PM	Benz(a)anthracene	n/a	<	0.19	µg/L	EPA 625.1	0.19	1	WKL	
ME-VR2	2021/22-1	Wet	10/26/2021 8:35:00 AM	11/17/2021 7:27:00 AM	Benz(a)anthracene	n/a	<	0.051	µg/L	EPA 8270C	0.051	0.1	WKL	
ME-VR2	2021/22-1	Wet	10/26/2021 8:35:00 AM	11/22/2021 8:00:00 PM	Benidine	n/a	<	3.2	µg/L	EPA 625.1	3.2	10	WKL	
ME-VR2	2021/22-1	Wet	10/26/2021 8:35:00 AM	11/16/2021 12:23:00 AM	Benzo(a)pyrene	n/a	<	0.02	µg/L	EPA 525.2	0.02	0.1	WKL	
ME-VR2	2021/22-1	Wet	10/26/2021 8:35:00 AM	11/22/2021 8:00:00 PM	Benzo(a)pyrene	n/a	<	0.39	µg/L	EPA 625.1	0.39	1	WKL	
ME-VR2	2021/22-1	Wet	10/26/2021 8:35:00 AM	11/17/2021 7:27:00 AM	Benzo(a)pyrene	n/a	<	0.051	µg/L	EPA 8270C	0.051	0.1	WKL	
ME-VR2	2021/22-1	Wet	10/26/2021 8:35:00 AM	11/22/2021 8:00:00 PM	Benzo(b)fluoranthene	n/a	<	0.46	µg/L	EPA 625.1	0.46	1	WKL	
ME-VR2	2021/22-1	Wet	10/26/2021 8:35:00 AM	11/17/2021 7:27:00 AM	Benzo(b)fluoranthene	n/a	<	0.074	µg/L	EPA 8270C	0.074	0.1	WKL	
ME-VR2	2021/22-1	Wet	10/26/2021 8:35:00 AM	11/22/2021 8:00:00 PM	Benzo(g,h,i)perylene	n/a	<	0.42	µg/L	EPA 625.1	0.42	2	WKL	
ME-VR2	2021/22-1	Wet	10/26/2021 8:35:00 AM	11/17/2021 7:27:00 AM	Benzo(g,h,i)perylene	n/a	<	0.05	µg/L	EPA 8270C	0.05	0.1	WKL	
ME-VR2	2021/22-1	Wet	10/26/2021 8:35:00 AM	11/22/2021 8:00:00 PM	Benzo(k)fluoranthene	n/a	<	0.22	µg/L	EPA 625.1	0.22	1	WKL	
ME-VR2	2021/22-1	Wet	10/26/2021 8:35:00 AM	11/17/2021 7:27:00 AM	Benzo(k)fluoranthene	n/a	DNQ	0.026	µg/L	EPA 8270C	0.026	0.1	WKL	
ME-VR2	2021/22-1	Wet	10/26/2021 8:35:00 AM	11/22/2021 8:00:00 PM	Bis(2-chloroethoxy)methane	n/a	<	0.25	µg/L	EPA 625.1	0.25	1	WKL	
ME-VR2	2021/22-1	Wet	10/26/2021 8:35:00 AM	11/22/2021 8:00:00 PM	Bis(2-chloroethyl)ether	n/a	<	0.27	µg/L	EPA 625.1	0.27	1	WKL	
ME-VR2	2021/22-1	Wet	10/26/2021 8:35:00 AM	11/22/2021 8:00:00 PM	Bis(2-chloroisopropyl)ether	n/a	<	0.38	µg/L	EPA 625.1	0.38	1	WKL	
ME-VR2	2021/22-1	Wet	10/26/2021 8:35:00 AM	11/16/2021 12:23:00 AM	Bis(2-ethylhexyl)adipate	n/a	<	0.42	µg/L	EPA 525.2	0.42	5	WKL	
ME-VR2	2021/22-1	Wet	10/26/2021 8:35:00 AM	11/16/2021 12:23:00 AM	Bis(2-ethylhexyl)phthalate	n/a	<	0.41	µg/L	EPA 525.2	0.41	3	WKL	
ME-VR2	2021/22-1	Wet	10/26/2021 8:35:00 AM	11/22/2021 8:00:00 PM	Bis(2-ethylhexyl)phthalate	n/a	<	2.3	µg/L	EPA 625.1	2.3	5	WKL	
ME-VR2	2021/22-1	Wet	10/26/2021 8:35:00 AM	11/22/2021 8:00:00 PM	Butyl benzyl phthalate	n/a	DNQ	0.49	µg/L	EPA 625.1	0.49	1	WKL	
ME-VR2	2021/22-1	Wet	10/26/2021 8:35:00 AM	11/22/2021 8:00:00 PM	Chrysene	n/a	<	0.19	µg/L	EPA 625.1	0.19	1	WKL	
ME-VR2	2021/22-1	Wet	10/26/2021 8:35:00 AM	11/17/2021 7:27:00 AM	Chrysene	n/a	<	0.074	µg/L	EPA 8270C	0.074	0.1	WKL	
ME-VR2	2021/22-1	Wet	10/26/2021 8:35:00 AM	11/17/2021 7:27:00 AM	Dibenz(a,h)anthracene	n/a	DNQ	0.036	µg/L	EPA 8270C	0.036	0.1	WKL	
ME-VR2	2021/22-1	Wet	10/26/2021 8:35:00 AM	11/22/2021 8:00:00 PM	Dibenz(a,h)anthracene	n/a	<	0.15	µg/L	EPA 625.1	0.15	2	WKL	
ME-VR2	2021/22-1	Wet	10/26/2021 8:35:00 AM	11/22/2021 8:00:00 PM	Diethyl phthalate	n/a	DNQ	0.53	µg/L	EPA 625.1	0.53	1	WKL	
ME-VR2	2021/22-1	Wet	10/26/2021 8:35:00 AM	11/22/2021 8:00:00 PM	Dimethyl phthalate	n/a	<	0.18	µg/L	EPA 625.1	0.18	1	WKL	
ME-VR2	2021/22-1	Wet	10/26/2021 8:35:00 AM	11/22/2021 8:00:00 PM	Di-n-butylphthalate	n/a	<	0.34	µg/L	EPA 625.1	0.34	1	WKL	
ME-VR2	2021/22-1	Wet	10/26/2021 8:35:00 AM	11/22/2021 8:00:00 PM	Di-n-octylphthalate	n/a	<	0.46	µg/L	EPA 625.1	0.46	1	WKL	
ME-VR2	2021/22-1	Wet	10/26/2021 8:35:00 AM	11/22/2021 8:00:00 PM	Fluoranthene	n/a	<	0.35	µg/L	EPA 625.1	0.35	1	WKL	
ME-VR2	2021/22-1	Wet	10/26/2021 8:35:00 AM	11/17/2021 7:27:00 AM	Fluoranthene	n/a	<	0.039	µg/L	EPA 8270C	0.039	0.1	WKL	
ME-VR2	2021/22-1	Wet	10/26/2021 8:35:00 AM	11/17/2021 7:27:00 AM	Fluorene	n/a	<	0.029	µg/L	EPA 8270C	0.029	0.1	WKL	
ME-VR2	2021/22-1	Wet	10/26/2021 8:35:00 AM	11/22/2021 8:00:00 PM	Fluorene	n/a	<	0.35	µg/L	EPA 625.1	0.35	1	WKL	
ME-VR2	2021/22-1	Wet	10/26/2021 8:35:00 AM	11/22/2021 8:00:00 PM	Hexachlorobenzene	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	2021/22-1	Wet	10/26/2021 8:35:00 AM	11/22/2021 8:00:00 PM	Hexachlorobutadiene	n/a	<	0.47	µg/L	EPA 625.1	0.47	1	WKL	
ME-VR2	2021/22-1	Wet	10/26/2021 8:35:00 AM	11/16/2021 12:23:00 AM	Hexachlorocyclopentadiene	n/a	<	0.092	µg/L	EPA 525.2	0.092	1	WKL	
ME-VR2	2021/22-1	Wet	10/26/2021 8:35:00 AM	11/22/2021 8:00:00 PM	Hexachlorocyclopentadiene	n/a	<	0.31	µg/L	EPA 625.1	0.31	5	WKL	
ME-VR2	2021/22-1	Wet	10/26/2021 8:35:00 AM	11/22/2021 8:00:00 PM	Hexachloroethane	n/a	<	0.5	µg/L	EPA 625.1	0.5	1	WKL	
ME-VR2	2021/22-1	Wet	10/26/2021 8:35:00 AM	11/22/2021 8:00:00 PM	Indeno(1,2,3-cd)pyrene	n/a	<	0.25	µg/L	EPA 625.1	0.25	2	WKL	
ME-VR2	2021/22-1	Wet	10/26/2021 8:35:00 AM	11/17/2021 7:27:00 AM	Indeno(1,2,3-cd)pyrene	n/a	<	0.065	µg/L	EPA 8270C	0.065	0.1	WKL	
ME-VR2	2021/22-1	Wet	10/26/2021 8:35:00 AM	11/22/2021 8:00:00 PM	Isophorone	n/a	<	0.21	µg/L	EPA 625.1	0.21	1	WKL	
ME-VR2	2021/22-1	Wet	10/26/2021 8:35:00 AM	11/22/2021 8:00:00 PM	Naphthalene	n/a	<	0.49	µg/L	EPA 625.1	0.49	1	WKL	
ME-VR2	2021/22-1	Wet	10/26/2021 8:35:00 AM	11/17/2021 7:27:00 AM	Naphthalene	n/a	<	0.026	µg/L	EPA 8270C	0.026	0.1	WKL	
ME-VR2	2021/22-1	Wet	10/26/2021 8:35:00 AM	11/22/2021 8:00:00 PM	Nitrobenzene	n/a	<	0.36	µg/L	EPA 625.1	0.36	1	WKL	
ME-VR2	2021/22-1	Wet	10/26/2021 8:35:00 AM	11/22/2021 8:00:00 PM	N-Nitrosodimethylamine	n/a	<	0.5	µg/L	EPA 625.1	0.5	1	WKL	
ME-VR2	2021/22-1	Wet	10/26/2021 8:35:00 AM	11/22/2021 8:00:00 PM	N-Nitrosodi-N-propylamine	n/a	<	0.26	µg/L	EPA 625.1	0.26	1	WKL	
ME-VR2	2021/22-1	Wet	10/26/2021 8:35:00 AM	11/22/2021 8:00:00 PM	N-Nitrosodiphenylamine	n/a	<	0.19	µg/L	EPA 625.1	0.19	1	WKL	
ME-VR2	2021/22-1	Wet	10/26/2021 8:35:00 AM	11/17/2021 7:27:00 AM	Phenanthrene	n/a	<	0.029	µg/L	EPA 8270C	0.029	0.1	WKL	
ME-VR2	2021/22-1	Wet	10/26/2021 8:35:00 AM	11/22/2021 8:00:00 PM	Phenanthrene	n/a	<	0.32	µg/L	EPA 625.1	0.32	1	WKL	
ME-VR2	2021/22-1	Wet	10/26/2021 8:35:00 AM	11/22/2021 8:00:00 PM	Phenol	n/a	<	0.81	µg/L	EPA 625.1	0.81	1	WKL	
ME-VR2	2021/22-1	Wet	10/26/2021 8:35:00 AM	11/19/2021 8:32:00 PM	Phenol	n/a	<	0.35	µg/L	EPA 8270C	0.35	1	WKL	
ME-VR2	2021/22-1	Wet	10/26/2021 8:35:00 AM	11/22/2021 8:00:00 PM	Pyrene	n/a	<	0.25	µg/L	EPA 625.1	0.25	1	WKL	
ME-VR2	2021/22-1	Wet	10/26/2021 8:35:00 AM	11/17/2021 7:27:00 AM	Pyrene	n/a	<	0.04	µg/L	EPA 8270C	0.04	0.1	WKL	
ME-VR2	2021/22-1	Wet	10/26/2021 8:35:00 AM	12/10/2021 8:18:00 PM	PCB Aroclor 1016	n/a	<	1	µg/L	EPA 608.3	1	1	WKL	
ME-VR2	2021/22-1	Wet	10/26/2021 8:35:00 AM	12/10/2021 8:18:00 PM	PCB Aroclor 1221	n/a	<	1	µg/L	EPA 608.3	1	1	WKL	
ME-VR2	2021/22-1	Wet	10/26/2021 8:35:00 AM	12/10/2021 8:18:00 PM	PCB Aroclor 1232	n/a	<	1	µg/L	EPA 608.3	1	1	WKL	
ME-VR2	2021/22-1	Wet	10/26/2021 8:35:00 AM	12/10/2021 8:18:00 PM	PCB Aroclor 1242	n/a	<	1	µg/L	EPA 608.3	1	1	WKL	
ME-VR2	2021/22-1	Wet	10/26/2021 8:35:00 AM	12/10/2021 8:18:00 PM	PCB Aroclor 1248	n/a	<	1	µg/L	EPA 608.3	1	1	WKL	
ME-VR2	2021/22-1	Wet	10/26/2021 8:35:00 AM	12/10/2021 8:18:00 PM	PCB Aroclor 1254	n/a	<	1	µg/L	EPA 608.3	1	1	WKL	
ME-VR2	2021/22-1	Wet	10/26/2021 8:35:00 AM	12/10/2021 8:18:00 PM	PCB Aroclor 1260	n/a	<	1	µg/L	EPA 608.3	1	1	WKL	
ME-VR2	2021/22-1	Wet	10/26/2021 8:35:00 AM	11/7/2021 11:59:00 PM	2,4,5-T	n/a	<	0.03	µg/L	EPA 515.4	0.03	0.2	WKL	
ME-VR2	2021/22-1	Wet	10/26/2021 8:35:00 AM	11/7/2021 11:59:00 PM	2,4,5-TP	n/a	<	0.026	µg/L	EPA 515.4	0.026	0.2	WKL	
ME-VR2	2021/22-1	Wet	10/26/2021 8:35:00 AM	11/7/2021 11:59:00 PM	2,4-D	n/a	<	0.14	µg/L	EPA 515.4	0.14	0.4	WKL	
ME-VR2	2021/22-1	Wet	10/26/2021 8:35:00 AM	11/7/2021 11:59:00 PM	2,4-DB	n/a	<	0.19	µg/L	EPA 515.4	0.19	2	WKL	
ME-VR2	2021/22-1	Wet	10/26/2021 8:35:00 AM	11/7/2021 11:59:00 PM	3,5-Dichlorobenzoic acid	n/a	<	0.12	µg/L	EPA 515.4	0.12	1	WKL	
ME-VR2	2021/22-1	Wet	10/26/2021 8:35:00 AM	12/10/2021 8:18:00 PM	4,4'-DDD	n/a	<	0.0007	µg/L	EPA 608.3	0.0007	0.05	WKL	
ME-VR2	2021/22-1	Wet	10/26/2021 8:35:00 AM	12/10/2021 8:18:00 PM	4,4'-DDE	n/a	<	0.0007	µg/L	EPA 608.3	0.0007	0.05	WKL	
ME-VR2	2021/22-1	Wet	10/26/2021 8:35:00 AM	12/10/2021 8:18:00 PM	4,4'-DDT	n/a	<	0.0011	µg/L	EPA 608.3	0.0011	0.01	WKL	
ME-VR2	2021/22-1	Wet	10/26/2021 8:35:00 AM	11/7/2021 11:59:00 PM	Acifluorfen	n/a	<	0.03	µg/L	EPA 515.4	0.03	0.4	WKL	
ME-VR2	2021/22-1	Wet	10/26/2021 8:35:00 AM	11/16/2021 12:23:00 AM	Alachlor	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1	WKL	
ME-VR2	2021/22-1	Wet	10/26/2021 8:35:00 AM	12/10/2021 8:18:00 PM	Aldrin	n/a	<	0.001	µg/L	EPA 608.3	0.001	0.005	WKL	
ME-VR2	2021/22-1	Wet	10/26/2021 8:35:00 AM	12/10/2021 8:18:00 PM	alpha-BHC	n/a	<	0.0011	µg/L	EPA 608.3	0.0011	0.01	WKL	
ME-VR2	2021/22-1	Wet	10/26/2021 8:35:00 AM	11/16/2021 12:23:00 AM	Atrazine	n/a	<	0.011	µg/L	EPA 525.2	0.011	0.1	WKL	
ME-VR2	2021/22-1	Wet	10/26/2021 8:35:00 AM	11/5/2021 10:18:00 PM	Azinphos methyl	n/a	<	0.0055	µg/L	EPA 625.1m	0.0055	0.01	WKL	
ME-VR2	2021/22-1	Wet	10/26/2021 8:35:00 AM	11/7/2021 11:59:00 PM	Bentazon	n/a	<	2	µg/L	EPA 515.4	2	2	WKL	
ME-VR2	2021/22-1	Wet	10/26/2021 8:35:00 AM	12/10/2021 8:18:00 PM	beta-BHC	n/a	<	0.0015	µg/L	EPA 608.3	0.0015	0.005	WKL	
ME-VR2	2021/22-1	Wet	10/26/2021 8:35:00 AM	11/5/2021 10:18:00 PM	Bolstar	n/a	<	0.0046	µg/L	EPA 625.1m	0.0046	0.01	WKL	
ME-VR2	2021/22-1	Wet	10/26/2021 8:35:00 AM	11/16/2021 12:23:00 AM	Bromacil	n/a	<	0.07	µg/L	EPA 525.2	0.07	0.5	WKL	
ME-VR2	2021/22-1	Wet	10/26/2021 8:35:00 AM	11/16/2021 12:23:00 AM	Butachlor	n/a	=	0.13	µg/L	EPA 525.2	0.12	0.1	WKL	
ME-VR2	2021/22-1	Wet	10/26/2021 8:35:00 AM	11/16/2021 12:23:00 AM	Captan	n/a	<	0.32	µg/L	EPA 525.2	0.32	1	WKL	
ME-VR2	2021/22-1	Wet	10/26/2021 8:35:00 AM	12/10/2021 8:18:00 PM	Chlordane (technical)	n/a	<	0.043	µg/L	EPA 608.3	0.043	0.1	WKL	
ME-VR2	2021/22-1	Wet	10/26/2021 8:35:00 AM	11/16/2021 12:23:00 AM	Chloropropham	n/a	<	0.04	µg/L	EPA 525.2	0.04	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	2021/22-1	Wet	10/26/2021 8:35:00 AM	11/5/2021 10:18:00 PM	Chlorpyrifos	n/a	<	0.0069	µg/L	EPA 625.1m	0.0069	0.01	WKL	
ME-VR2	2021/22-1	Wet	10/26/2021 8:35:00 AM	11/5/2021 10:18:00 PM	Coumaphos	n/a	<	0.0051	µg/L	EPA 625.1m	0.0051	0.01	WKL	
ME-VR2	2021/22-1	Wet	10/26/2021 8:35:00 AM	11/7/2021 11:59:00 PM	Dalapon	n/a	<	0.11	µg/L	EPA 515.4	0.11	0.4	WKL	
ME-VR2	2021/22-1	Wet	10/26/2021 8:35:00 AM	11/7/2021 11:59:00 PM	DCEPA (Dacthal)	n/a	<	0.029	µg/L	EPA 515.4	0.029	0.1	WKL	
ME-VR2	2021/22-1	Wet	10/26/2021 8:35:00 AM	12/10/2021 8:18:00 PM	delta-BHC	n/a	<	0.0019	µg/L	EPA 608.3	0.0019	0.005	WKL	
ME-VR2	2021/22-1	Wet	10/26/2021 8:35:00 AM	11/5/2021 10:18:00 PM	Demeton-O	n/a	<	0.01	µg/L	EPA 625.1m	0.01	0.01	WKL	
ME-VR2	2021/22-1	Wet	10/26/2021 8:35:00 AM	11/5/2021 10:18:00 PM	Demeton-S	n/a	<	0.01	µg/L	EPA 625.1m	0.01	0.01	WKL	
ME-VR2	2021/22-1	Wet	10/26/2021 8:35:00 AM	11/5/2021 10:18:00 PM	Diazinon	n/a	<	0.0052	µg/L	EPA 625.1m	0.0052	0.01	WKL	
ME-VR2	2021/22-1	Wet	10/26/2021 8:35:00 AM	11/16/2021 12:23:00 AM	Diazinon	n/a	<	0.022	µg/L	EPA 525.2	0.022	0.1	WKL	
ME-VR2	2021/22-1	Wet	10/26/2021 8:35:00 AM	11/7/2021 11:59:00 PM	Dicamba	n/a	<	0.049	µg/L	EPA 515.4	0.049	0.6	WKL	
ME-VR2	2021/22-1	Wet	10/26/2021 8:35:00 AM	11/7/2021 11:59:00 PM	Dichlorprop	n/a	<	0.12	µg/L	EPA 515.4	0.12	0.3	WKL	
ME-VR2	2021/22-1	Wet	10/26/2021 8:35:00 AM	11/5/2021 10:18:00 PM	Dichlorvos	n/a	<	0.0029	µg/L	EPA 625.1m	0.0029	0.01	WKL	
ME-VR2	2021/22-1	Wet	10/26/2021 8:35:00 AM	12/10/2021 8:18:00 PM	Dieldrin	n/a	<	0.0008	µg/L	EPA 608.3	0.0008	0.01	WKL	
ME-VR2	2021/22-1	Wet	10/26/2021 8:35:00 AM	11/16/2021 12:23:00 AM	Dimethoate	n/a	<	0.02	µg/L	EPA 525.2	0.02	0.02	WKL	
ME-VR2	2021/22-1	Wet	10/26/2021 8:35:00 AM	11/5/2021 10:18:00 PM	Dimethoate	n/a	<	0.0062	µg/L	EPA 625.1m	0.0062	0.01	WKL	
ME-VR2	2021/22-1	Wet	10/26/2021 8:35:00 AM	11/7/2021 11:59:00 PM	Dinoseb	n/a	<	0.033	µg/L	EPA 515.4	0.033	0.4	WKL	
ME-VR2	2021/22-1	Wet	10/26/2021 8:35:00 AM	11/16/2021 12:23:00 AM	Diphenamid	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1	WKL	
ME-VR2	2021/22-1	Wet	10/26/2021 8:35:00 AM	11/16/2021 12:23:00 AM	Disulfoton	n/a	<	0.015	µg/L	EPA 525.2	0.015	0.1	WKL	
ME-VR2	2021/22-1	Wet	10/26/2021 8:35:00 AM	11/5/2021 10:18:00 PM	Disulfoton	n/a	<	0.01	µg/L	EPA 625.1m	0.01	0.01	WKL	
ME-VR2	2021/22-1	Wet	10/26/2021 8:35:00 AM	12/10/2021 8:18:00 PM	Endosulfan I	n/a	<	0.0009	µg/L	EPA 608.3	0.0009	0.02	WKL	
ME-VR2	2021/22-1	Wet	10/26/2021 8:35:00 AM	12/10/2021 8:18:00 PM	Endosulfan II	n/a	<	0.0007	µg/L	EPA 608.3	0.0007	0.01	WKL	
ME-VR2	2021/22-1	Wet	10/26/2021 8:35:00 AM	12/10/2021 8:18:00 PM	Endosulfan sulfate	n/a	<	0.0013	µg/L	EPA 608.3	0.0013	0.05	WKL	
ME-VR2	2021/22-1	Wet	10/26/2021 8:35:00 AM	12/10/2021 8:18:00 PM	Endrin	n/a	<	0.0017	µg/L	EPA 608.3	0.0017	0.01	WKL	
ME-VR2	2021/22-1	Wet	10/26/2021 8:35:00 AM	12/10/2021 8:18:00 PM	Endrin aldehyde	n/a	<	0.0019	µg/L	EPA 608.3	0.0019	0.01	WKL	
ME-VR2	2021/22-1	Wet	10/26/2021 8:35:00 AM	11/16/2021 12:23:00 AM	EPTC	n/a	<	0.02	µg/L	EPA 525.2	0.02	0.1	WKL	
ME-VR2	2021/22-1	Wet	10/26/2021 8:35:00 AM	11/5/2021 10:18:00 PM	Ethoprop	n/a	<	0.0067	µg/L	EPA 625.1m	0.0067	0.01	WKL	
ME-VR2	2021/22-1	Wet	10/26/2021 8:35:00 AM	11/5/2021 10:18:00 PM	Ethyl parathion	n/a	<	0.0054	µg/L	EPA 625.1m	0.0054	0.01	WKL	
ME-VR2	2021/22-1	Wet	10/26/2021 8:35:00 AM	11/5/2021 10:18:00 PM	Fensulfothion	n/a	<	0.0029	µg/L	EPA 625.1m	0.0029	0.01	WKL	
ME-VR2	2021/22-1	Wet	10/26/2021 8:35:00 AM	11/5/2021 10:18:00 PM	Fenthion	n/a	<	0.0038	µg/L	EPA 625.1m	0.0038	0.01	WKL	
ME-VR2	2021/22-1	Wet	10/26/2021 8:35:00 AM	12/10/2021 8:18:00 PM	gamma-BHC (Lindane)	n/a	<	0.0004	µg/L	EPA 608.3	0.0004	0.02	WKL	
ME-VR2	2021/22-1	Wet	10/26/2021 8:35:00 AM	11/8/2021 10:42:00 AM	Glyphosate	n/a	<	2.1	µg/L	EPA 547	2.1	25	BSKL	
ME-VR2	2021/22-1	Wet	10/26/2021 8:35:00 AM	12/10/2021 8:18:00 PM	Heptachlor	n/a	<	0.0006	µg/L	EPA 608.3	0.0006	0.01	WKL	
ME-VR2	2021/22-1	Wet	10/26/2021 8:35:00 AM	12/10/2021 8:18:00 PM	Heptachlor epoxide	n/a	<	0.0004	µg/L	EPA 608.3	0.0004	0.01	WKL	
ME-VR2	2021/22-1	Wet	10/26/2021 8:35:00 AM	11/5/2021 10:18:00 PM	Malathion	n/a	<	0.0076	µg/L	EPA 625.1m	0.0076	0.01	WKL	
ME-VR2	2021/22-1	Wet	10/26/2021 8:35:00 AM	11/5/2021 10:18:00 PM	Merphos	n/a	<	0.0058	µg/L	EPA 625.1m	0.0058	0.01	WKL	
ME-VR2	2021/22-1	Wet	10/26/2021 8:35:00 AM	11/5/2021 10:18:00 PM	Methyl parathion	n/a	<	0.0063	µg/L	EPA 625.1m	0.0063	0.01	WKL	
ME-VR2	2021/22-1	Wet	10/26/2021 8:35:00 AM	11/16/2021 12:23:00 AM	Metolachlor	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1	WKL	
ME-VR2	2021/22-1	Wet	10/26/2021 8:35:00 AM	11/16/2021 12:23:00 AM	Metribuzin	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1	WKL	
ME-VR2	2021/22-1	Wet	10/26/2021 8:35:00 AM	11/5/2021 10:18:00 PM	Mevinphos	n/a	<	0.0042	µg/L	EPA 625.1m	0.0042	0.01	WKL	
ME-VR2	2021/22-1	Wet	10/26/2021 8:35:00 AM	11/16/2021 12:23:00 AM	Molinate	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1	WKL	
ME-VR2	2021/22-1	Wet	10/26/2021 8:35:00 AM	11/5/2021 10:18:00 PM	Naled	n/a	<	0.0076	µg/L	EPA 625.1m	0.0076	0.01	WKL	
ME-VR2	2021/22-1	Wet	10/26/2021 8:35:00 AM	11/19/2021 8:32:00 PM	Pentachlorophenol	n/a	<	0.15	µg/L	EPA 8270C	0.15	1	WKL	
ME-VR2	2021/22-1	Wet	10/26/2021 8:35:00 AM	11/7/2021 11:59:00 PM	Pentachlorophenol	n/a	<	0.046	µg/L	EPA 515.4	0.046	0.2	WKL	
ME-VR2	2021/22-1	Wet	10/26/2021 8:35:00 AM	11/22/2021 8:00:00 PM	Pentachlorophenol	n/a	<	0.4	µg/L	EPA 625.1	0.4	1	WKL	
ME-VR2	2021/22-1	Wet	10/26/2021 8:35:00 AM	11/5/2021 10:18:00 PM	Phorate	n/a	<	0.003	µg/L	EPA 625.1m	0.003	0.01	WKL	
ME-VR2	2021/22-1	Wet	10/26/2021 8:35:00 AM	11/7/2021 11:59:00 PM	Picloram	n/a	<	0.05	µg/L	EPA 515.4	0.05	0.6	WKL	
ME-VR2	2021/22-1	Wet	10/26/2021 8:35:00 AM	11/16/2021 12:23:00 AM	Prometryn	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1	WKL	
ME-VR2	2021/22-1	Wet	10/26/2021 8:35:00 AM	11/5/2021 10:18:00 PM	Ronnel (Fenchlorphos)	n/a	<	0.0041	µg/L	EPA 625.1m	0.0041	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	2021/22-1	Wet	10/26/2021 8:35:00 AM	11/16/2021 12:23:00 AM	Simazine	n/a	<	0.02	µg/L	EPA 525.2	0.02	0.1	WKL	
ME-VR2	2021/22-1	Wet	10/26/2021 8:35:00 AM	11/5/2021 10:18:00 PM	Stirophos (Tetrachlorvinphos)	n/a	<	0.0031	µg/L	EPA 625.1m	0.0031	0.01	WKL	
ME-VR2	2021/22-1	Wet	10/26/2021 8:35:00 AM	11/16/2021 12:23:00 AM	Terbacil	n/a	<	0.09	µg/L	EPA 525.2	0.09	2	WKL	
ME-VR2	2021/22-1	Wet	10/26/2021 8:35:00 AM	11/16/2021 12:23:00 AM	Thiobencarb	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1	WKL	
ME-VR2	2021/22-1	Wet	10/26/2021 8:35:00 AM	11/5/2021 10:18:00 PM	Tokuthion	n/a	<	0.0078	µg/L	EPA 625.1m	0.0078	0.01	WKL	
ME-VR2	2021/22-1	Wet	10/26/2021 8:35:00 AM	12/10/2021 8:18:00 PM	Toxaphene	n/a	<	1	µg/L	EPA 608.3	1	1	WKL	
ME-VR2	2021/22-1	Wet	10/26/2021 8:35:00 AM	11/5/2021 10:18:00 PM	Trichloronate	n/a	<	0.0067	µg/L	EPA 625.1m	0.0067	0.01	WKL	
ME-VR2	2021/22-1	Wet	10/26/2021 8:35:00 AM	11/16/2021 12:23:00 AM	Trithion	n/a	<	0.02	µg/L	EPA 525.2	0.02	0.1	WKL	
ME-VR2	2021/22-2	Wet	12/14/2021 9:15:00 AM	12/16/2021 2:23:00 PM	Chloride	n/a	=	140	mg/L	EPA 300.0	0.38	1	WKL	
ME-VR2	2021/22-2	Wet	12/14/2021 9:15:00 AM	12/17/2021 11:01:00 PM	Fluoride	n/a	=	0.32	mg/L	EPA 300.0	0.018	0.2	WKL	
ME-VR2	2021/22-2	Wet	12/14/2021 9:15:00 AM	12/18/2021 10:26:00 PM	Perchlorate	n/a	<	0.78	µg/L	EPA 314.0	0.78	4	WKL	
ME-VR2	2021/22-2	Wet	12/14/2021 9:15:00 AM	12/15/2021 2:00:00 PM	E. Coli	n/a	=	12033	MPN/100 mL	MMO-MUG	10	10	VCHCA	
ME-VR2	2021/22-2	Wet	12/14/2021 9:15:00 AM	12/15/2021 2:00:00 PM	Total Coliform	n/a	=	547500	MPN/100 mL	MMO-MUG	1000	1000	VCHCA	
ME-VR2	2021/22-2	Wet	12/14/2021 9:15:00 AM	12/28/2021 2:06:00 PM	Calcium	Total	=	151	mg/L	EPA 200.7	0.16	0.5	WKL	
ME-VR2	2021/22-2	Wet	12/14/2021 9:15:00 AM	12/28/2021 2:06:00 PM	Magnesium	Total	=	43.7	mg/L	EPA 200.7	0.039	0.5	WKL	
ME-VR2	2021/22-2	Wet	12/14/2021 9:15:00 AM	12/18/2021 4:22:00 PM	Alkalinity as CaCO3	n/a	=	230	mg/L	SM 2320 B	2.3	5	WKL	
ME-VR2	2021/22-2	Wet	12/14/2021 9:15:00 AM	12/20/2021 7:15:00 PM	BOD	n/a	=	7.4	mg/L	SM 5210 B	2	2	WKL	
ME-VR2	2021/22-2	Wet	12/14/2021 9:15:00 AM	1/2/2022 10:43:00 AM	COD	n/a	=	50	mg/L	EPA 410.4	2.9	5	WKL	
ME-VR2	2021/22-2	Wet	12/14/2021 9:15:00 AM	12/14/2021 9:15:00 AM	Conductivity	n/a	=	450.7	µmhos/cm	Field Meter	-88	1	Field Crew	
ME-VR2	2021/22-2	Wet	12/14/2021 9:15:00 AM	12/22/2021 2:12:00 PM	Cyanide	Total	<	0.0012	mg/L	ASTM D7511	0.0012	0.002	WKL	
ME-VR2	2021/22-2	Wet	12/14/2021 9:15:00 AM	12/14/2021 9:15:00 AM	DO	n/a	=	85.4	%	Field Meter	-88	0.1	Field Crew	
ME-VR2	2021/22-2	Wet	12/14/2021 9:15:00 AM	12/14/2021 9:15:00 AM	DO	n/a	=	9.04	mg/L	Field Meter	-88	0.3	Field Crew	
ME-VR2	2021/22-2	Wet	12/14/2021 9:15:00 AM	12/28/2021 2:06:00 PM	Hardness as CaCO3	Total	=	556	mg/L	EPA 200.7	0.56	3.31	WKL	
ME-VR2	2021/22-2	Wet	12/14/2021 9:15:00 AM	12/15/2021 7:24:00 PM	MBAS	n/a	DNQ	0.013	mg/L	SM 5540 C	0.013	0.05	WKL	
ME-VR2	2021/22-2	Wet	12/14/2021 9:15:00 AM	12/14/2021 9:15:00 AM	pH	n/a	=	7.71	pH Units	Field Meter	-88	0.01	Field Crew	
ME-VR2	2021/22-2	Wet	12/14/2021 9:15:00 AM	1/2/2022 11:00:00 AM	Phenolics	n/a	=	0.018	mg/L	EPA 420.4	0.0068	0.01	WKL	
ME-VR2	2021/22-2	Wet	12/14/2021 9:15:00 AM	12/14/2021 9:15:00 AM	Salinity	n/a	=	300	mg/L	Field Meter	-88	100	Field Crew	
ME-VR2	2021/22-2	Wet	12/14/2021 9:15:00 AM	12/14/2021 9:15:00 AM	Specific Conductance	n/a	=	577	µmhos/cm	Field Meter	-88	1	Field Crew	
ME-VR2	2021/22-2	Wet	12/14/2021 9:15:00 AM	12/16/2021 1:45:00 PM	Specific Conductance	n/a	=	1600	µmhos/cm	SM 2510 B	3.2	6	WKL	
ME-VR2	2021/22-2	Wet	12/14/2021 9:15:00 AM	12/14/2021 9:15:00 AM	Temperature	n/a	=	12.7	°C	Field Meter	-88	0.1	Field Crew	
ME-VR2	2021/22-2	Wet	12/14/2021 9:15:00 AM	12/20/2021 12:36:00 PM	Total Dissolved Solids	n/a	=	940	mg/L	SM 2540 C	4	10	WKL	
ME-VR2	2021/22-2	Wet	12/14/2021 9:15:00 AM	12/23/2021 10:23:00 PM	Total Organic Carbon	n/a	=	7.4	mg/L	SM 5310 B	0.19	0.3	WKL	
ME-VR2	2021/22-2	Wet	12/14/2021 9:15:00 AM	12/20/2021 3:00:00 PM	Total Suspended Solids	n/a	=	290	mg/L	SM 2540 D	-88	5	WKL	
ME-VR2	2021/22-2	Wet	12/14/2021 9:15:00 AM	12/15/2021 5:39:00 PM	Turbidity	n/a	=	80	NTU	EPA 180.1	1.7	10	WKL	
ME-VR2	2021/22-2	Wet	12/14/2021 9:15:00 AM	12/20/2021 7:00:00 PM	Volatile Suspended Solids	n/a	=	52	mg/L	EPA 160.4	3.1	5	WKL	
ME-VR2	2021/22-2	Wet	12/14/2021 9:15:00 AM	12/29/2021 5:56:00 PM	Diesel Range Organics	n/a	=	0.17	mg/L	EPA 8015B	0.072	0.1	WKL	EST-LCSRDP
ME-VR2	2021/22-2	Wet	12/14/2021 9:15:00 AM	12/21/2021 12:05:00 PM	Gasoline Range Organics	n/a	DNQ	0.077	mg/L	EPA 8260B	0.065	0.1	WKL	
ME-VR2	2021/22-2	Wet	12/14/2021 9:15:00 AM	1/6/2022 7:00:00 PM	Oil and Grease	n/a	<	1.3	mg/L	EPA 1664B	1.3	5	WKL	
ME-VR2	2021/22-2	Wet	12/14/2021 9:15:00 AM	12/29/2021 5:56:00 PM	Oil Range Organics	n/a	<	0.33	mg/L	EPA 8015B	0.33	0.5	WKL	
ME-VR2	2021/22-2	Wet	12/14/2021 9:15:00 AM	1/4/2022 5:41:00 PM	Aluminum	Dissolved	<	4.4	µg/L	EPA 200.8	4.4	20	WKL	
ME-VR2	2021/22-2	Wet	12/14/2021 9:15:00 AM	1/4/2022 5:44:00 PM	Aluminum	Total	=	4000	µg/L	EPA 200.8	4.4	20	WKL	
ME-VR2	2021/22-2	Wet	12/14/2021 9:15:00 AM	1/4/2022 5:41:00 PM	Antimony	Dissolved	DNQ	0.13	µg/L	EPA 200.8	0.089	0.5	WKL	
ME-VR2	2021/22-2	Wet	12/14/2021 9:15:00 AM	1/4/2022 5:44:00 PM	Antimony	Total	DNQ	0.23	µg/L	EPA 200.8	0.089	0.5	WKL	
ME-VR2	2021/22-2	Wet	12/14/2021 9:15:00 AM	1/4/2022 5:41:00 PM	Arsenic	Dissolved	=	0.63	µg/L	EPA 200.8	0.074	0.4	WKL	
ME-VR2	2021/22-2	Wet	12/14/2021 9:15:00 AM	1/4/2022 5:44:00 PM	Arsenic	Total	=	2.2	µg/L	EPA 200.8	0.074	0.4	WKL	
ME-VR2	2021/22-2	Wet	12/14/2021 9:15:00 AM	1/4/2022 5:44:00 PM	Barium	Total	=	130	µg/L	EPA 200.8	0.14	1	WKL	
ME-VR2	2021/22-2	Wet	12/14/2021 9:15:00 AM	1/4/2022 5:41:00 PM	Beryllium	Dissolved	<	0.062	µg/L	EPA 200.8	0.062	0.1	WKL	
ME-VR2	2021/22-2	Wet	12/14/2021 9:15:00 AM	1/4/2022 5:44:00 PM	Beryllium	Total	=	0.21	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-VR2	2021/22-2	Wet	12/14/2021 9:15:00 AM	1/4/2022 5:41:00 PM	Cadmium	Dissolved	<	0.042	µg/L	EPA 200.8	0.042	0.2	WKL	
ME-VR2	2021/22-2	Wet	12/14/2021 9:15:00 AM	1/4/2022 5:44:00 PM	Cadmium	Total	=	0.38	µg/L	EPA 200.8	0.042	0.2	WKL	
ME-VR2	2021/22-2	Wet	12/14/2021 9:15:00 AM	1/4/2022 5:41:00 PM	Chromium	Dissolved	<	0.089	µg/L	EPA 200.8	0.089	0.2	WKL	
ME-VR2	2021/22-2	Wet	12/14/2021 9:15:00 AM	1/4/2022 5:44:00 PM	Chromium	Total	=	11	µg/L	EPA 200.8	0.089	0.2	WKL	
ME-VR2	2021/22-2	Wet	12/14/2021 9:15:00 AM	12/20/2021 2:05:00 PM	Chromium VI	n/a	<	0.0079	µg/L	EPA 218.6	0.0079	0.02	WKL	
ME-VR2	2021/22-2	Wet	12/14/2021 9:15:00 AM	1/4/2022 5:41:00 PM	Copper	Dissolved	=	1.2	µg/L	EPA 200.8	0.23	0.5	WKL	
ME-VR2	2021/22-2	Wet	12/14/2021 9:15:00 AM	1/4/2022 5:44:00 PM	Copper	Total	=	8.7	µg/L	EPA 200.8	0.23	0.5	WKL	
ME-VR2	2021/22-2	Wet	12/14/2021 9:15:00 AM	1/4/2022 5:41:00 PM	Iron	Dissolved	=	26	µg/L	EPA 200.8	3.9	20	WKL	
ME-VR2	2021/22-2	Wet	12/14/2021 9:15:00 AM	1/4/2022 5:44:00 PM	Iron	Total	=	7100	µg/L	EPA 200.8	3.9	20	WKL	
ME-VR2	2021/22-2	Wet	12/14/2021 9:15:00 AM	1/4/2022 5:41:00 PM	Lead	Dissolved	<	0.083	µg/L	EPA 200.8	0.083	0.2	WKL	
ME-VR2	2021/22-2	Wet	12/14/2021 9:15:00 AM	1/4/2022 5:44:00 PM	Lead	Total	=	3.2	µg/L	EPA 200.8	0.083	0.2	WKL	
ME-VR2	2021/22-2	Wet	12/14/2021 9:15:00 AM	12/27/2021 3:56:00 PM	Mercury	Dissolved	<	17	ng/L	EPA 245.1	17	50	WKL	
ME-VR2	2021/22-2	Wet	12/14/2021 9:15:00 AM	12/27/2021 3:58:00 PM	Mercury	Total	DNQ	30	ng/L	EPA 245.1	17	50	WKL	UL-MB
ME-VR2	2021/22-2	Wet	12/14/2021 9:15:00 AM	1/4/2022 5:41:00 PM	Nickel	Dissolved	=	5	µg/L	EPA 200.8	0.16	2	WKL	
ME-VR2	2021/22-2	Wet	12/14/2021 9:15:00 AM	1/4/2022 5:44:00 PM	Nickel	Total	=	18	µg/L	EPA 200.8	0.16	2	WKL	
ME-VR2	2021/22-2	Wet	12/14/2021 9:15:00 AM	1/4/2022 5:41:00 PM	Selenium	Dissolved	=	0.82	µg/L	EPA 200.8	0.067	0.4	WKL	
ME-VR2	2021/22-2	Wet	12/14/2021 9:15:00 AM	1/4/2022 5:44:00 PM	Selenium	Total	=	1.2	µg/L	EPA 200.8	0.067	0.4	WKL	
ME-VR2	2021/22-2	Wet	12/14/2021 9:15:00 AM	1/4/2022 5:41:00 PM	Silver	Dissolved	<	0.03	µg/L	EPA 200.8	0.03	0.2	WKL	
ME-VR2	2021/22-2	Wet	12/14/2021 9:15:00 AM	1/4/2022 5:44:00 PM	Silver	Total	DNQ	0.031	µg/L	EPA 200.8	0.03	0.2	WKL	
ME-VR2	2021/22-2	Wet	12/14/2021 9:15:00 AM	1/4/2022 5:41:00 PM	Thallium	Dissolved	DNQ	0.082	µg/L	EPA 200.8	0.021	0.2	WKL	
ME-VR2	2021/22-2	Wet	12/14/2021 9:15:00 AM	1/4/2022 5:44:00 PM	Thallium	Total	DNQ	0.088	µg/L	EPA 200.8	0.021	0.2	WKL	
ME-VR2	2021/22-2	Wet	12/14/2021 9:15:00 AM	1/4/2022 5:41:00 PM	Zinc	Dissolved	DNQ	1.3	µg/L	EPA 200.8	0.8	10	WKL	
ME-VR2	2021/22-2	Wet	12/14/2021 9:15:00 AM	1/4/2022 5:44:00 PM	Zinc	Total	=	25	µg/L	EPA 200.8	0.8	10	WKL	
ME-VR2	2021/22-2	Wet	12/14/2021 9:15:00 AM	12/29/2021 3:33:00 PM	Ammonia as N	n/a	DNQ	0.067	mg/L	EPA 350.1	0.017	0.1	WKL	
ME-VR2	2021/22-2	Wet	12/14/2021 9:15:00 AM	1/10/2022 4:42:00 PM	Nitrate + Nitrite as N	n/a	=	0.33	mg/L	EPA 353.2	0.036	0.2	WKL	
ME-VR2	2021/22-2	Wet	12/14/2021 9:15:00 AM	12/28/2021 1:49:00 PM	Phosphorus as P	Dissolved	=	0.072	mg/L	EPA 200.7	0.018	0.05	WKL	
ME-VR2	2021/22-2	Wet	12/14/2021 9:15:00 AM	12/28/2021 2:06:00 PM	Phosphorus as P	Total	=	0.46	mg/L	EPA 200.7	0.018	0.05	WKL	
ME-VR2	2021/22-2	Wet	12/14/2021 9:15:00 AM	1/6/2022 5:44:00 PM	TKN	n/a	=	1.4	mg/L	EPA 351.2	0.26	0.4	WKL	
ME-VR2	2021/22-2	Wet	12/14/2021 9:15:00 AM	1/18/2022 9:47:00 PM	1,2,4-Trichlorobenzene	n/a	<	0.49	µg/L	EPA 625.1	0.49	1	WKL	
ME-VR2	2021/22-2	Wet	12/14/2021 9:15:00 AM	1/18/2022 9:47:00 PM	1,2-Dichlorobenzene	n/a	<	0.46	µg/L	EPA 625.1	0.46	1	WKL	
ME-VR2	2021/22-2	Wet	12/14/2021 9:15:00 AM	1/18/2022 9:47:00 PM	1,2-Diphenylhydrazine	n/a	<	0.3	µg/L	EPA 625.1	0.3	1	WKL	
ME-VR2	2021/22-2	Wet	12/14/2021 9:15:00 AM	1/18/2022 9:47:00 PM	1,3-Dichlorobenzene	n/a	<	0.42	µg/L	EPA 625.1	0.42	1	WKL	
ME-VR2	2021/22-2	Wet	12/14/2021 9:15:00 AM	1/18/2022 9:47:00 PM	1,4-Dichlorobenzene	n/a	<	0.48	µg/L	EPA 625.1	0.48	1	WKL	
ME-VR2	2021/22-2	Wet	12/14/2021 9:15:00 AM	1/15/2022 9:22:00 AM	1-Methylnaphthalene	n/a	<	0.024	µg/L	EPA 8270C	0.024	0.1	WKL	
ME-VR2	2021/22-2	Wet	12/14/2021 9:15:00 AM	1/14/2022 3:38:00 AM	2,4,5-Trichlorophenol	n/a	<	0.29	µg/L	EPA 8270C	0.29	1	WKL	
ME-VR2	2021/22-2	Wet	12/14/2021 9:15:00 AM	1/18/2022 9:47:00 PM	2,4,6-Trichlorophenol	n/a	<	0.22	µg/L	EPA 625.1	0.22	1	WKL	
ME-VR2	2021/22-2	Wet	12/14/2021 9:15:00 AM	1/14/2022 3:38:00 AM	2,4,6-Trichlorophenol	n/a	<	0.3	µg/L	EPA 8270C	0.3	1	WKL	
ME-VR2	2021/22-2	Wet	12/14/2021 9:15:00 AM	1/18/2022 9:47:00 PM	2,4-Dichlorophenol	n/a	<	0.26	µg/L	EPA 625.1	0.26	1	WKL	
ME-VR2	2021/22-2	Wet	12/14/2021 9:15:00 AM	1/14/2022 3:38:00 AM	2,4-Dichlorophenol	n/a	<	0.51	µg/L	EPA 8270C	0.51	1	WKL	
ME-VR2	2021/22-2	Wet	12/14/2021 9:15:00 AM	1/14/2022 3:38:00 AM	2,4-Dimethylphenol	n/a	<	1	µg/L	EPA 8270C	1	2	WKL	EST-LCSRDP
ME-VR2	2021/22-2	Wet	12/14/2021 9:15:00 AM	1/18/2022 9:47:00 PM	2,4-Dimethylphenol	n/a	<	0.76	µg/L	EPA 625.1	0.76	1	WKL	LCSRDP, LB-L
ME-VR2	2021/22-2	Wet	12/14/2021 9:15:00 AM	1/14/2022 3:38:00 AM	2,4-Dinitrophenol	n/a	<	1	µg/L	EPA 8270C	1	2	WKL	
ME-VR2	2021/22-2	Wet	12/14/2021 9:15:00 AM	1/18/2022 9:47:00 PM	2,4-Dinitrophenol	n/a	<	1.9	µg/L	EPA 625.1	1.9	10	WKL	
ME-VR2	2021/22-2	Wet	12/14/2021 9:15:00 AM	1/18/2022 9:47:00 PM	2,4-Dinitrotoluene	n/a	<	0.46	µg/L	EPA 625.1	0.46	1	WKL	
ME-VR2	2021/22-2	Wet	12/14/2021 9:15:00 AM	1/18/2022 9:47:00 PM	2,6-Dinitrotoluene	n/a	<	0.27	µg/L	EPA 625.1	0.27	1	WKL	
ME-VR2	2021/22-2	Wet	12/14/2021 9:15:00 AM	12/16/2021 8:46:00 PM	2-Chloroethyl vinyl ether	n/a	<	0.95	µg/L	EPA 624.1	0.95	5	WKL	DG
ME-VR2	2021/22-2	Wet	12/14/2021 9:15:00 AM	1/18/2022 9:47:00 PM	2-Chloronaphthalene	n/a	<	0.45	µg/L	EPA 625.1	0.45	1	WKL	
ME-VR2	2021/22-2	Wet	12/14/2021 9:15:00 AM	1/18/2022 9:47:00 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-VR2	2021/22-2	Wet	12/14/2021 9:15:00 AM	1/14/2022 3:38:00 AM	2-Chlorophenol	n/a	<	0.65	µg/L	EPA 8270C	0.65	1	WKL	
ME-VR2	2021/22-2	Wet	12/14/2021 9:15:00 AM	1/15/2022 9:22:00 AM	2-Methylnaphthalene	n/a	<	0.026	µg/L	EPA 8270C	0.026	0.1	WKL	
ME-VR2	2021/22-2	Wet	12/14/2021 9:15:00 AM	1/14/2022 3:38:00 AM	2-Methylphenol	n/a	<	0.34	µg/L	EPA 8270C	0.34	1	WKL	
ME-VR2	2021/22-2	Wet	12/14/2021 9:15:00 AM	1/14/2022 3:38:00 AM	2-Nitrophenol	n/a	<	0.71	µg/L	EPA 8270C	0.71	1	WKL	
ME-VR2	2021/22-2	Wet	12/14/2021 9:15:00 AM	1/18/2022 9:47:00 PM	2-Nitrophenol	n/a	<	0.26	µg/L	EPA 625.1	0.26	1	WKL	
ME-VR2	2021/22-2	Wet	12/14/2021 9:15:00 AM	1/18/2022 9:47:00 PM	3,3'-Dichlorobenzidine	n/a	<	2.5	µg/L	EPA 625.1	2.5	5	WKL	
ME-VR2	2021/22-2	Wet	12/14/2021 9:15:00 AM	1/14/2022 3:38:00 AM	3-/4-Methylphenol	n/a	<	0.3	µg/L	EPA 8270C	0.3	1	WKL	
ME-VR2	2021/22-2	Wet	12/14/2021 9:15:00 AM	1/14/2022 3:38:00 AM	4,6-Dinitro-2-methylphenol	n/a	DNQ	0.44	µg/L	EPA 8270C	0.14	1	WKL	
ME-VR2	2021/22-2	Wet	12/14/2021 9:15:00 AM	1/18/2022 9:47:00 PM	4,6-Dinitro-2-methylphenol	n/a	<	0.5	µg/L	EPA 625.1	0.5	5	WKL	
ME-VR2	2021/22-2	Wet	12/14/2021 9:15:00 AM	1/18/2022 9:47:00 PM	4-Bromophenyl phenyl ether	n/a	<	0.36	µg/L	EPA 625.1	0.36	1	WKL	
ME-VR2	2021/22-2	Wet	12/14/2021 9:15:00 AM	1/14/2022 3:38:00 AM	4-Chloro-3-methylphenol	n/a	<	0.37	µg/L	EPA 8270C	0.37	1	WKL	
ME-VR2	2021/22-2	Wet	12/14/2021 9:15:00 AM	1/18/2022 9:47:00 PM	4-Chloro-3-methylphenol	n/a	<	0.23	µg/L	EPA 625.1	0.23	1	WKL	
ME-VR2	2021/22-2	Wet	12/14/2021 9:15:00 AM	1/18/2022 9:47:00 PM	4-Chlorophenyl phenyl ether	n/a	<	0.41	µg/L	EPA 625.1	0.41	1	WKL	
ME-VR2	2021/22-2	Wet	12/14/2021 9:15:00 AM	1/18/2022 9:47:00 PM	4-Nitrophenol	n/a	<	1.2	µg/L	EPA 625.1	1.2	5	WKL	
ME-VR2	2021/22-2	Wet	12/14/2021 9:15:00 AM	1/14/2022 3:38:00 AM	4-Nitrophenol	n/a	<	1	µg/L	EPA 8270C	1	2	WKL	
ME-VR2	2021/22-2	Wet	12/14/2021 9:15:00 AM	1/18/2022 9:47:00 PM	Acenaphthene	n/a	<	0.38	µg/L	EPA 625.1	0.38	1	WKL	
ME-VR2	2021/22-2	Wet	12/14/2021 9:15:00 AM	1/15/2022 9:22:00 AM	Acenaphthene	n/a	<	0.028	µg/L	EPA 8270C	0.028	0.1	WKL	
ME-VR2	2021/22-2	Wet	12/14/2021 9:15:00 AM	1/18/2022 9:47:00 PM	Acenaphthylene	n/a	<	0.35	µg/L	EPA 625.1	0.35	1	WKL	
ME-VR2	2021/22-2	Wet	12/14/2021 9:15:00 AM	1/15/2022 9:22:00 AM	Acenaphthylene	n/a	<	0.033	µg/L	EPA 8270C	0.033	0.1	WKL	
ME-VR2	2021/22-2	Wet	12/14/2021 9:15:00 AM	1/18/2022 9:47:00 PM	Anthracene	n/a	<	0.41	µg/L	EPA 625.1	0.41	1	WKL	
ME-VR2	2021/22-2	Wet	12/14/2021 9:15:00 AM	1/15/2022 9:22:00 AM	Anthracene	n/a	<	0.025	µg/L	EPA 8270C	0.025	0.1	WKL	
ME-VR2	2021/22-2	Wet	12/14/2021 9:15:00 AM	1/15/2022 9:22:00 AM	Benz(a)anthracene	n/a	<	0.051	µg/L	EPA 8270C	0.051	0.1	WKL	
ME-VR2	2021/22-2	Wet	12/14/2021 9:15:00 AM	1/18/2022 9:47:00 PM	Benz(a)anthracene	n/a	<	0.19	µg/L	EPA 625.1	0.19	1	WKL	
ME-VR2	2021/22-2	Wet	12/14/2021 9:15:00 AM	1/18/2022 9:47:00 PM	Benzidine	n/a	<	3.2	µg/L	EPA 625.1	3.2	10	WKL	
ME-VR2	2021/22-2	Wet	12/14/2021 9:15:00 AM	1/18/2022 9:47:00 PM	Benzo(a)pyrene	n/a	<	0.39	µg/L	EPA 625.1	0.39	1	WKL	
ME-VR2	2021/22-2	Wet	12/14/2021 9:15:00 AM	1/15/2022 11:03:00 AM	Benzo(a)pyrene	n/a	<	0.051	µg/L	EPA 8270C	0.051	0.1	WKL	
ME-VR2	2021/22-2	Wet	12/14/2021 9:15:00 AM	12/22/2021 11:03:00 PM	Benzo(a)pyrene	n/a	<	0.1	µg/L	EPA 525.2	0.1	0.5	WKL	
ME-VR2	2021/22-2	Wet	12/14/2021 9:15:00 AM	1/15/2022 9:22:00 AM	Benzo(b)fluoranthene	n/a	<	0.074	µg/L	EPA 8270C	0.074	0.1	WKL	
ME-VR2	2021/22-2	Wet	12/14/2021 9:15:00 AM	1/18/2022 9:47:00 PM	Benzo(b)fluoranthene	n/a	<	0.46	µg/L	EPA 625.1	0.46	1	WKL	
ME-VR2	2021/22-2	Wet	12/14/2021 9:15:00 AM	1/15/2022 9:22:00 AM	Benzo(g,h,i)perylene	n/a	<	0.05	µg/L	EPA 8270C	0.05	0.1	WKL	
ME-VR2	2021/22-2	Wet	12/14/2021 9:15:00 AM	1/18/2022 9:47:00 PM	Benzo(g,h,i)perylene	n/a	<	0.42	µg/L	EPA 625.1	0.42	2	WKL	
ME-VR2	2021/22-2	Wet	12/14/2021 9:15:00 AM	1/18/2022 9:47:00 PM	Benzo(k)fluoranthene	n/a	<	0.22	µg/L	EPA 625.1	0.22	1	WKL	
ME-VR2	2021/22-2	Wet	12/14/2021 9:15:00 AM	1/15/2022 9:22:00 AM	Benzo(k)fluoranthene	n/a	<	0.026	µg/L	EPA 8270C	0.026	0.1	WKL	
ME-VR2	2021/22-2	Wet	12/14/2021 9:15:00 AM	1/18/2022 9:47:00 PM	Bis(2-chloroethoxy)methane	n/a	<	0.25	µg/L	EPA 625.1	0.25	1	WKL	
ME-VR2	2021/22-2	Wet	12/14/2021 9:15:00 AM	1/18/2022 9:47:00 PM	Bis(2-chloroethyl)ether	n/a	<	0.27	µg/L	EPA 625.1	0.27	1	WKL	
ME-VR2	2021/22-2	Wet	12/14/2021 9:15:00 AM	1/18/2022 9:47:00 PM	Bis(2-chloroisopropyl)ether	n/a	<	0.38	µg/L	EPA 625.1	0.38	1	WKL	
ME-VR2	2021/22-2	Wet	12/14/2021 9:15:00 AM	12/22/2021 11:03:00 PM	Bis(2-ethylhexyl)adipate	n/a	<	2.1	µg/L	EPA 525.2	2.1	25	WKL	
ME-VR2	2021/22-2	Wet	12/14/2021 9:15:00 AM	1/18/2022 9:47:00 PM	Bis(2-ethylhexyl)phthalate	n/a	=	130	µg/L	EPA 625.1	2.3	5	WKL	CJ, Q
ME-VR2	2021/22-2	Wet	12/14/2021 9:15:00 AM	12/22/2021 11:03:00 PM	Bis(2-ethylhexyl)phthalate	n/a	<	2	µg/L	EPA 525.2	2	15	WKL	
ME-VR2	2021/22-2	Wet	12/14/2021 9:15:00 AM	1/18/2022 9:47:00 PM	Butyl benzyl phthalate	n/a	DNQ	0.76	µg/L	EPA 625.1	0.49	1	WKL	
ME-VR2	2021/22-2	Wet	12/14/2021 9:15:00 AM	1/15/2022 9:22:00 AM	Chrysene	n/a	<	0.074	µg/L	EPA 8270C	0.074	0.1	WKL	
ME-VR2	2021/22-2	Wet	12/14/2021 9:15:00 AM	1/18/2022 9:47:00 PM	Chrysene	n/a	<	0.19	µg/L	EPA 625.1	0.19	1	WKL	
ME-VR2	2021/22-2	Wet	12/14/2021 9:15:00 AM	1/18/2022 9:47:00 PM	Dibenz(a,h)anthracene	n/a	<	0.15	µg/L	EPA 625.1	0.15	2	WKL	
ME-VR2	2021/22-2	Wet	12/14/2021 9:15:00 AM	1/15/2022 9:22:00 AM	Dibenz(a,h)anthracene	n/a	<	0.036	µg/L	EPA 8270C	0.036	0.1	WKL	
ME-VR2	2021/22-2	Wet	12/14/2021 9:15:00 AM	1/18/2022 9:47:00 PM	Diethyl phthalate	n/a	DNQ	0.47	µg/L	EPA 625.1	0.35	1	WKL	
ME-VR2	2021/22-2	Wet	12/14/2021 9:15:00 AM	1/18/2022 9:47:00 PM	Dimethyl phthalate	n/a	<	0.18	µg/L	EPA 625.1	0.18	1	WKL	
ME-VR2	2021/22-2	Wet	12/14/2021 9:15:00 AM	1/18/2022 9:47:00 PM	Di-n-butylphthalate	n/a	DNQ	0.41	µg/L	EPA 625.1	0.34	1	WKL	
ME-VR2	2021/22-2	Wet	12/14/2021 9:15:00 AM	1/18/2022 9:47:00 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-VR2	2021/22-2	Wet	12/14/2021 9:15:00 AM	1/18/2022 9:47:00 PM	Fluoranthene	n/a	<	0.35	µg/L	EPA 625.1	0.35	1	WKL	
ME-VR2	2021/22-2	Wet	12/14/2021 9:15:00 AM	1/15/2022 9:22:00 AM	Fluoranthene	n/a	<	0.039	µg/L	EPA 8270C	0.039	0.1	WKL	
ME-VR2	2021/22-2	Wet	12/14/2021 9:15:00 AM	1/15/2022 9:22:00 AM	Fluorene	n/a	<	0.029	µg/L	EPA 8270C	0.029	0.1	WKL	
ME-VR2	2021/22-2	Wet	12/14/2021 9:15:00 AM	1/18/2022 9:47:00 PM	Fluorene	n/a	<	0.35	µg/L	EPA 625.1	0.35	1	WKL	
ME-VR2	2021/22-2	Wet	12/14/2021 9:15:00 AM	1/18/2022 9:47:00 PM	Hexachlorobenzene	n/a	<	0.49	µg/L	EPA 625.1	0.49	1	WKL	
ME-VR2	2021/22-2	Wet	12/14/2021 9:15:00 AM	1/18/2022 9:47:00 PM	Hexachlorobutadiene	n/a	<	0.47	µg/L	EPA 625.1	0.47	1	WKL	
ME-VR2	2021/22-2	Wet	12/14/2021 9:15:00 AM	12/22/2021 11:03:00 PM	Hexachlorocyclopentadiene	n/a	<	0.46	µg/L	EPA 525.2	0.46	5	WKL	
ME-VR2	2021/22-2	Wet	12/14/2021 9:15:00 AM	1/18/2022 9:47:00 PM	Hexachlorocyclopentadiene	n/a	<	0.31	µg/L	EPA 625.1	0.31	5	WKL	
ME-VR2	2021/22-2	Wet	12/14/2021 9:15:00 AM	1/18/2022 9:47:00 PM	Hexachloroethane	n/a	<	0.5	µg/L	EPA 625.1	0.5	1	WKL	
ME-VR2	2021/22-2	Wet	12/14/2021 9:15:00 AM	1/18/2022 9:47:00 PM	Indeno(1,2,3-cd)pyrene	n/a	<	0.25	µg/L	EPA 625.1	0.25	2	WKL	
ME-VR2	2021/22-2	Wet	12/14/2021 9:15:00 AM	1/15/2022 9:22:00 AM	Indeno(1,2,3-cd)pyrene	n/a	<	0.065	µg/L	EPA 8270C	0.065	0.1	WKL	
ME-VR2	2021/22-2	Wet	12/14/2021 9:15:00 AM	1/18/2022 9:47:00 PM	Isophorone	n/a	<	0.21	µg/L	EPA 625.1	0.21	1	WKL	
ME-VR2	2021/22-2	Wet	12/14/2021 9:15:00 AM	12/16/2021 8:46:00 PM	Methyl tert-butyl ether (MTBE)	n/a	<	2	µg/L	EPA 624.1	2	5	WKL	DG
ME-VR2	2021/22-2	Wet	12/14/2021 9:15:00 AM	1/15/2022 9:22:00 AM	Naphthalene	n/a	<	0.026	µg/L	EPA 8270C	0.026	0.1	WKL	
ME-VR2	2021/22-2	Wet	12/14/2021 9:15:00 AM	1/18/2022 9:47:00 PM	Naphthalene	n/a	<	0.49	µg/L	EPA 625.1	0.49	1	WKL	
ME-VR2	2021/22-2	Wet	12/14/2021 9:15:00 AM	1/18/2022 9:47:00 PM	Nitrobenzene	n/a	<	0.36	µg/L	EPA 625.1	0.36	1	WKL	
ME-VR2	2021/22-2	Wet	12/14/2021 9:15:00 AM	1/18/2022 9:47:00 PM	N-Nitrosodimethylamine	n/a	<	0.5	µg/L	EPA 625.1	0.5	1	WKL	
ME-VR2	2021/22-2	Wet	12/14/2021 9:15:00 AM	1/18/2022 9:47:00 PM	N-Nitrosodi-N-propylamine	n/a	<	0.26	µg/L	EPA 625.1	0.26	1	WKL	
ME-VR2	2021/22-2	Wet	12/14/2021 9:15:00 AM	1/18/2022 9:47:00 PM	N-Nitrosodiphenylamine	n/a	<	0.19	µg/L	EPA 625.1	0.19	1	WKL	
ME-VR2	2021/22-2	Wet	12/14/2021 9:15:00 AM	1/18/2022 9:47:00 PM	Phenanthrene	n/a	<	0.32	µg/L	EPA 625.1	0.32	1	WKL	
ME-VR2	2021/22-2	Wet	12/14/2021 9:15:00 AM	1/15/2022 9:22:00 AM	Phenanthrene	n/a	<	0.029	µg/L	EPA 8270C	0.029	0.1	WKL	
ME-VR2	2021/22-2	Wet	12/14/2021 9:15:00 AM	1/18/2022 9:47:00 PM	Phenol	n/a	<	0.81	µg/L	EPA 625.1	0.81	1	WKL	
ME-VR2	2021/22-2	Wet	12/14/2021 9:15:00 AM	1/14/2022 3:38:00 AM	Phenol	n/a	<	0.35	µg/L	EPA 8270C	0.35	1	WKL	
ME-VR2	2021/22-2	Wet	12/14/2021 9:15:00 AM	1/18/2022 9:47:00 PM	Pyrene	n/a	<	0.25	µg/L	EPA 625.1	0.25	1	WKL	
ME-VR2	2021/22-2	Wet	12/14/2021 9:15:00 AM	1/15/2022 9:22:00 AM	Pyrene	n/a	<	0.04	µg/L	EPA 8270C	0.04	0.1	WKL	
ME-VR2	2021/22-2	Wet	12/14/2021 9:15:00 AM	1/13/2022 9:02:00 AM	PCB Aroclor 1016	n/a	<	1	µg/L	EPA 608.3	1	1	WKL	
ME-VR2	2021/22-2	Wet	12/14/2021 9:15:00 AM	1/13/2022 9:02:00 AM	PCB Aroclor 1221	n/a	<	1	µg/L	EPA 608.3	1	1	WKL	
ME-VR2	2021/22-2	Wet	12/14/2021 9:15:00 AM	1/13/2022 9:02:00 AM	PCB Aroclor 1232	n/a	<	1	µg/L	EPA 608.3	1	1	WKL	
ME-VR2	2021/22-2	Wet	12/14/2021 9:15:00 AM	1/13/2022 9:02:00 AM	PCB Aroclor 1242	n/a	<	1	µg/L	EPA 608.3	1	1	WKL	
ME-VR2	2021/22-2	Wet	12/14/2021 9:15:00 AM	1/13/2022 9:02:00 AM	PCB Aroclor 1248	n/a	<	1	µg/L	EPA 608.3	1	1	WKL	
ME-VR2	2021/22-2	Wet	12/14/2021 9:15:00 AM	1/13/2022 9:02:00 AM	PCB Aroclor 1254	n/a	<	1	µg/L	EPA 608.3	1	1	WKL	
ME-VR2	2021/22-2	Wet	12/14/2021 9:15:00 AM	1/13/2022 9:02:00 AM	PCB Aroclor 1260	n/a	<	1	µg/L	EPA 608.3	1	1	WKL	
ME-VR2	2021/22-2	Wet	12/14/2021 9:15:00 AM	1/6/2022 7:25:00 PM	2,4,5-T	n/a	<	0.03	µg/L	EPA 515.4	0.03	0.2	WKL	
ME-VR2	2021/22-2	Wet	12/14/2021 9:15:00 AM	1/6/2022 7:25:00 PM	2,4,5-TP	n/a	<	0.026	µg/L	EPA 515.4	0.026	0.2	WKL	
ME-VR2	2021/22-2	Wet	12/14/2021 9:15:00 AM	1/6/2022 7:25:00 PM	2,4-D	n/a	<	0.14	µg/L	EPA 515.4	0.14	0.4	WKL	
ME-VR2	2021/22-2	Wet	12/14/2021 9:15:00 AM	1/6/2022 7:25:00 PM	2,4-DB	n/a	<	0.19	µg/L	EPA 515.4	0.19	2	WKL	
ME-VR2	2021/22-2	Wet	12/14/2021 9:15:00 AM	1/6/2022 7:25:00 PM	3,5-Dichlorobenzoic acid	n/a	<	0.12	µg/L	EPA 515.4	0.12	1	WKL	
ME-VR2	2021/22-2	Wet	12/14/2021 9:15:00 AM	1/13/2022 9:02:00 AM	4,4'-DDD	n/a	<	0.0014	µg/L	EPA 608.3	0.0014	0.1	WKL	
ME-VR2	2021/22-2	Wet	12/14/2021 9:15:00 AM	1/13/2022 9:02:00 AM	4,4'-DDE	n/a	<	0.0014	µg/L	EPA 608.3	0.0014	0.1	WKL	
ME-VR2	2021/22-2	Wet	12/14/2021 9:15:00 AM	1/13/2022 9:02:00 AM	4,4'-DDT	n/a	<	0.0022	µg/L	EPA 608.3	0.0022	0.02	WKL	
ME-VR2	2021/22-2	Wet	12/14/2021 9:15:00 AM	1/6/2022 7:25:00 PM	Acifluorfen	n/a	<	0.03	µg/L	EPA 515.4	0.03	0.4	WKL	
ME-VR2	2021/22-2	Wet	12/14/2021 9:15:00 AM	12/22/2021 11:03:00 PM	Alachlor	n/a	<	0.15	µg/L	EPA 525.2	0.15	0.5	WKL	
ME-VR2	2021/22-2	Wet	12/14/2021 9:15:00 AM	1/13/2022 9:02:00 AM	Aldrin	n/a	<	0.002	µg/L	EPA 608.3	0.002	0.01	WKL	
ME-VR2	2021/22-2	Wet	12/14/2021 9:15:00 AM	1/13/2022 9:02:00 AM	alpha-BHC	n/a	<	0.0022	µg/L	EPA 608.3	0.0022	0.02	WKL	
ME-VR2	2021/22-2	Wet	12/14/2021 9:15:00 AM	1/13/2022 9:02:00 AM	alpha-Chlordane	n/a	<	0.0058	µg/L	EPA 608.3	0.0058	0.02	WKL	
ME-VR2	2021/22-2	Wet	12/14/2021 9:15:00 AM	12/22/2021 11:03:00 PM	Atrazine	n/a	<	0.054	µg/L	EPA 525.2	0.054	0.5	WKL	
ME-VR2	2021/22-2	Wet	12/14/2021 9:15:00 AM	12/28/2021 6:50:00 AM	Azinphos methyl	n/a	<	0.0055	µg/L	EPA 625.1m	0.0055	0.01	WKL	
ME-VR2	2021/22-2	Wet	12/14/2021 9:15:00 AM	1/6/2022 7:25:00 PM	Bentazon	n/a	<	2	µg/L	EPA 515.4	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
ME-VR2	2021/22-2	Wet	12/14/2021 9:15:00 AM	1/13/2022 9:02:00 AM	beta-BHC	n/a	<	0.003	µg/L	EPA 608.3	0.003	0.01	WKL	
ME-VR2	2021/22-2	Wet	12/14/2021 9:15:00 AM	12/28/2021 6:50:00 AM	Bolstar	n/a	<	0.0046	µg/L	EPA 625.1m	0.0046	0.01	WKL	
ME-VR2	2021/22-2	Wet	12/14/2021 9:15:00 AM	12/22/2021 11:03:00 PM	Bromacil	n/a	<	0.35	µg/L	EPA 525.2	0.35	2.5	WKL	
ME-VR2	2021/22-2	Wet	12/14/2021 9:15:00 AM	12/22/2021 11:03:00 PM	Butachlor	n/a	<	0.061	µg/L	EPA 525.2	0.061	0.5	WKL	
ME-VR2	2021/22-2	Wet	12/14/2021 9:15:00 AM	12/22/2021 11:03:00 PM	Captan	n/a	<	1.6	µg/L	EPA 525.2	1.6	5	WKL	
ME-VR2	2021/22-2	Wet	12/14/2021 9:15:00 AM	1/13/2022 9:02:00 AM	Chlordane (technical)	n/a	<	0.086	µg/L	EPA 608.3	0.086	0.2	WKL	
ME-VR2	2021/22-2	Wet	12/14/2021 9:15:00 AM	12/22/2021 11:03:00 PM	Chlorpropham	n/a	<	0.2	µg/L	EPA 525.2	0.2	0.5	WKL	
ME-VR2	2021/22-2	Wet	12/14/2021 9:15:00 AM	12/28/2021 6:50:00 AM	Chlorpyrifos	n/a	<	0.0069	µg/L	EPA 625.1m	0.0069	0.01	WKL	
ME-VR2	2021/22-2	Wet	12/14/2021 9:15:00 AM	12/28/2021 6:50:00 AM	Coumaphos	n/a	<	0.0051	µg/L	EPA 625.1m	0.0051	0.01	WKL	
ME-VR2	2021/22-2	Wet	12/14/2021 9:15:00 AM	1/6/2022 7:25:00 PM	Dalapon	n/a	<	0.11	µg/L	EPA 515.4	0.11	0.4	WKL	
ME-VR2	2021/22-2	Wet	12/14/2021 9:15:00 AM	1/6/2022 7:25:00 PM	DCPA (Dacthal)	n/a	<	0.029	µg/L	EPA 515.4	0.029	0.1	WKL	
ME-VR2	2021/22-2	Wet	12/14/2021 9:15:00 AM	1/13/2022 9:02:00 AM	delta-BHC	n/a	<	0.0038	µg/L	EPA 608.3	0.0038	0.01	WKL	EST-LCSRPD
ME-VR2	2021/22-2	Wet	12/14/2021 9:15:00 AM	12/28/2021 6:50:00 AM	Demeton-O	n/a	<	0.01	µg/L	EPA 625.1m	0.01	0.01	WKL	
ME-VR2	2021/22-2	Wet	12/14/2021 9:15:00 AM	12/28/2021 6:50:00 AM	Demeton-S	n/a	<	0.01	µg/L	EPA 625.1m	0.01	0.01	WKL	LB-LCSR
ME-VR2	2021/22-2	Wet	12/14/2021 9:15:00 AM	12/22/2021 11:03:00 PM	Diazinon	n/a	<	0.11	µg/L	EPA 525.2	0.11	0.5	WKL	
ME-VR2	2021/22-2	Wet	12/14/2021 9:15:00 AM	12/28/2021 6:50:00 AM	Diazinon	n/a	<	0.0052	µg/L	EPA 625.1m	0.0052	0.01	WKL	
ME-VR2	2021/22-2	Wet	12/14/2021 9:15:00 AM	1/6/2022 7:25:00 PM	Dicamba	n/a	<	0.049	µg/L	EPA 515.4	0.049	0.6	WKL	
ME-VR2	2021/22-2	Wet	12/14/2021 9:15:00 AM	1/6/2022 7:25:00 PM	Dichlorprop	n/a	<	0.12	µg/L	EPA 515.4	0.12	0.3	WKL	
ME-VR2	2021/22-2	Wet	12/14/2021 9:15:00 AM	12/28/2021 6:50:00 AM	Dichlorvos	n/a	<	0.0029	µg/L	EPA 625.1m	0.0029	0.01	WKL	
ME-VR2	2021/22-2	Wet	12/14/2021 9:15:00 AM	1/13/2022 9:02:00 AM	Dieldrin	n/a	<	0.0016	µg/L	EPA 608.3	0.0016	0.02	WKL	
ME-VR2	2021/22-2	Wet	12/14/2021 9:15:00 AM	12/28/2021 6:50:00 AM	Dimethoate	n/a	<	0.0062	µg/L	EPA 625.1m	0.0062	0.01	WKL	LB-LCSR
ME-VR2	2021/22-2	Wet	12/14/2021 9:15:00 AM	12/22/2021 11:03:00 PM	Dimethoate	n/a	<	0.1	µg/L	EPA 525.2	0.1	1	WKL	
ME-VR2	2021/22-2	Wet	12/14/2021 9:15:00 AM	1/6/2022 7:25:00 PM	Dinoseb	n/a	<	0.033	µg/L	EPA 515.4	0.033	0.4	WKL	
ME-VR2	2021/22-2	Wet	12/14/2021 9:15:00 AM	12/22/2021 11:03:00 PM	Diphenamid	n/a	<	0.15	µg/L	EPA 525.2	0.15	0.5	WKL	
ME-VR2	2021/22-2	Wet	12/14/2021 9:15:00 AM	12/22/2021 11:03:00 PM	Disulfoton	n/a	<	0.077	µg/L	EPA 525.2	0.077	0.5	WKL	
ME-VR2	2021/22-2	Wet	12/14/2021 9:15:00 AM	12/28/2021 6:50:00 AM	Disulfoton	n/a	<	0.01	µg/L	EPA 625.1m	0.01	0.01	WKL	
ME-VR2	2021/22-2	Wet	12/14/2021 9:15:00 AM	1/13/2022 9:02:00 AM	Endosulfan I	n/a	<	0.0018	µg/L	EPA 608.3	0.0018	0.04	WKL	
ME-VR2	2021/22-2	Wet	12/14/2021 9:15:00 AM	1/13/2022 9:02:00 AM	Endosulfan II	n/a	<	0.0014	µg/L	EPA 608.3	0.0014	0.02	WKL	
ME-VR2	2021/22-2	Wet	12/14/2021 9:15:00 AM	1/13/2022 9:02:00 AM	Endosulfan sulfate	n/a	<	0.0026	µg/L	EPA 608.3	0.0026	0.1	WKL	
ME-VR2	2021/22-2	Wet	12/14/2021 9:15:00 AM	1/13/2022 9:02:00 AM	Endrin	n/a	<	0.0034	µg/L	EPA 608.3	0.0034	0.02	WKL	
ME-VR2	2021/22-2	Wet	12/14/2021 9:15:00 AM	1/13/2022 9:02:00 AM	Endrin aldehyde	n/a	<	0.0038	µg/L	EPA 608.3	0.0038	0.02	WKL	
ME-VR2	2021/22-2	Wet	12/14/2021 9:15:00 AM	12/22/2021 11:03:00 PM	EPTC	n/a	<	0.1	µg/L	EPA 525.2	0.1	0.5	WKL	
ME-VR2	2021/22-2	Wet	12/14/2021 9:15:00 AM	12/28/2021 6:50:00 AM	Ethoprop	n/a	<	0.0067	µg/L	EPA 625.1m	0.0067	0.01	WKL	LB-LCSR
ME-VR2	2021/22-2	Wet	12/14/2021 9:15:00 AM	12/28/2021 6:50:00 AM	Ethyl parathion	n/a	<	0.0054	µg/L	EPA 625.1m	0.0054	0.01	WKL	
ME-VR2	2021/22-2	Wet	12/14/2021 9:15:00 AM	12/28/2021 6:50:00 AM	Fensulfothion	n/a	<	0.0029	µg/L	EPA 625.1m	0.0029	0.01	WKL	
ME-VR2	2021/22-2	Wet	12/14/2021 9:15:00 AM	12/28/2021 6:50:00 AM	Fenthion	n/a	<	0.0038	µg/L	EPA 625.1m	0.0038	0.01	WKL	
ME-VR2	2021/22-2	Wet	12/14/2021 9:15:00 AM	1/13/2022 9:02:00 AM	gamma-BHC (Lindane)	n/a	<	0.0008	µg/L	EPA 608.3	0.0008	0.04	WKL	
ME-VR2	2021/22-2	Wet	12/14/2021 9:15:00 AM	1/13/2022 9:02:00 AM	gamma-Chlordane	n/a	<	0.0046	µg/L	EPA 608.3	0.0046	0.02	WKL	
ME-VR2	2021/22-2	Wet	12/14/2021 9:15:00 AM	12/17/2021 3:18:00 AM	Glyphosate	n/a	DNQ	4.6	µg/L	EPA 547	1.8	5	WKL	
ME-VR2	2021/22-2	Wet	12/14/2021 9:15:00 AM	1/13/2022 9:02:00 AM	Heptachlor	n/a	<	0.0012	µg/L	EPA 608.3	0.0012	0.02	WKL	
ME-VR2	2021/22-2	Wet	12/14/2021 9:15:00 AM	1/13/2022 9:02:00 AM	Heptachlor epoxide	n/a	<	0.0008	µg/L	EPA 608.3	0.0008	0.02	WKL	
ME-VR2	2021/22-2	Wet	12/14/2021 9:15:00 AM	12/28/2021 6:50:00 AM	Malathion	n/a	<	0.0076	µg/L	EPA 625.1m	0.0076	0.01	WKL	
ME-VR2	2021/22-2	Wet	12/14/2021 9:15:00 AM	12/28/2021 6:50:00 AM	Merphos	n/a	<	0.0058	µg/L	EPA 625.1m	0.0058	0.01	WKL	
ME-VR2	2021/22-2	Wet	12/14/2021 9:15:00 AM	12/28/2021 6:50:00 AM	Methyl parathion	n/a	<	0.0063	µg/L	EPA 625.1m	0.0063	0.01	WKL	
ME-VR2	2021/22-2	Wet	12/14/2021 9:15:00 AM	12/22/2021 11:03:00 PM	Metolachlor	n/a	<	0.15	µg/L	EPA 525.2	0.15	0.5	WKL	
ME-VR2	2021/22-2	Wet	12/14/2021 9:15:00 AM	12/22/2021 11:03:00 PM	Metribuzin	n/a	<	0.15	µg/L	EPA 525.2	0.15	0.5	WKL	
ME-VR2	2021/22-2	Wet	12/14/2021 9:15:00 AM	12/28/2021 6:50:00 AM	Mevinphos	n/a	<	0.0042	µg/L	EPA 625.1m	0.0042	0.01	WKL	LB-LCSR
ME-VR2	2021/22-2	Wet	12/14/2021 9:15:00 AM	12/22/2021 11:03:00 PM	Molinate	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
ME-VR2	2021/22-2	Wet	12/14/2021 9:15:00 AM	12/28/2021 6:50:00 AM	Naled	n/a	<	0.0076	µg/L	EPA 625.1m	0.0076	0.01	WKL	
ME-VR2	2021/22-2	Wet	12/14/2021 9:15:00 AM	1/14/2022 3:38:00 AM	Pentachlorophenol	n/a	DNQ	0.54	µg/L	EPA 8270C	0.15	1	WKL	
ME-VR2	2021/22-2	Wet	12/14/2021 9:15:00 AM	1/6/2022 7:25:00 PM	Pentachlorophenol	n/a	DNQ	0.047	µg/L	EPA 515.4	0.046	0.2	WKL	
ME-VR2	2021/22-2	Wet	12/14/2021 9:15:00 AM	1/18/2022 9:47:00 PM	Pentachlorophenol	n/a	<	2	µg/L	EPA 625.1	2	2	WKL	
ME-VR2	2021/22-2	Wet	12/14/2021 9:15:00 AM	12/28/2021 6:50:00 AM	Phorate	n/a	<	0.003	µg/L	EPA 625.1m	0.003	0.01	WKL	
ME-VR2	2021/22-2	Wet	12/14/2021 9:15:00 AM	1/6/2022 7:25:00 PM	Phorlam	n/a	<	0.05	µg/L	EPA 515.4	0.05	0.6	WKL	
ME-VR2	2021/22-2	Wet	12/14/2021 9:15:00 AM	12/22/2021 11:03:00 PM	Prometryn	n/a	<	0.15	µg/L	EPA 525.2	0.15	0.5	WKL	
ME-VR2	2021/22-2	Wet	12/14/2021 9:15:00 AM	12/28/2021 6:50:00 AM	Ronnel (Fenchlorphos)	n/a	<	0.0041	µg/L	EPA 625.1m	0.0041	0.01	WKL	
ME-VR2	2021/22-2	Wet	12/14/2021 9:15:00 AM	12/22/2021 11:03:00 PM	Simazine	n/a	<	0.1	µg/L	EPA 525.2	0.1	0.5	WKL	
ME-VR2	2021/22-2	Wet	12/14/2021 9:15:00 AM	12/28/2021 6:50:00 AM	Stirophos (Tetrachlorvinphos)	n/a	<	0.0031	µg/L	EPA 625.1m	0.0031	0.01	WKL	
ME-VR2	2021/22-2	Wet	12/14/2021 9:15:00 AM	12/22/2021 11:03:00 PM	Terbacil	n/a	<	0.45	µg/L	EPA 525.2	0.45	10	WKL	
ME-VR2	2021/22-2	Wet	12/14/2021 9:15:00 AM	12/22/2021 11:03:00 PM	Thiobencarb	n/a	<	0.15	µg/L	EPA 525.2	0.15	0.5	WKL	
ME-VR2	2021/22-2	Wet	12/14/2021 9:15:00 AM	12/28/2021 6:50:00 AM	Toxothion	n/a	<	0.0078	µg/L	EPA 625.1m	0.0078	0.01	WKL	
ME-VR2	2021/22-2	Wet	12/14/2021 9:15:00 AM	1/13/2022 9:02:00 AM	Toxaphene	n/a	<	1	µg/L	EPA 608.3	1	1	WKL	
ME-VR2	2021/22-2	Wet	12/14/2021 9:15:00 AM	12/28/2021 6:50:00 AM	Trichloronate	n/a	<	0.0067	µg/L	EPA 625.1m	0.0067	0.01	WKL	
ME-VR2	2021/22-2	Wet	12/14/2021 9:15:00 AM	12/22/2021 11:03:00 PM	Trithion	n/a	<	0.1	µg/L	EPA 525.2	0.1	0.5	WKL	
ME-VR2	2021/22-3	Wet	3/28/2022 1:00:00 PM	3/29/2022 11:20:00 AM	E. Coli	n/a	=	7270	MPN/100 mL	MMO-MUG	10	10	VCHCA	
ME-VR2	2021/22-3	Wet	3/28/2022 1:00:00 PM	3/29/2022 1:00:00 AM	Total Coliform	n/a	=	24950	MPN/100 mL	MMO-MUG	10	10	VCHCA	
ME-VR2	2021/22-3	Wet	3/28/2022 1:00:00 PM	3/28/2022 1:00:00 PM	Conductivity	n/a	=	874	µmhos/cm	Field Meter	-88	1	Field Crew	
ME-VR2	2021/22-3	Wet	3/28/2022 1:00:00 PM	4/6/2022 3:12:00 PM	Cyanide	Total	<	0.0012	mg/L	ASTM D7511	0.0012	0.002	WKL	
ME-VR2	2021/22-3	Wet	3/28/2022 1:00:00 PM	3/28/2022 1:00:00 PM	DO	n/a	=	86.4	%	Field Meter	-88	0.1	Field Crew	
ME-VR2	2021/22-3	Wet	3/28/2022 1:00:00 PM	3/28/2022 1:00:00 PM	DO	n/a	=	8.52	mg/L	Field Meter	-88	0.3	Field Crew	
ME-VR2	2021/22-3	Wet	3/28/2022 1:00:00 PM	3/28/2022 1:00:00 PM	pH	n/a	=	7.78	pH Units	Field Meter	-88	0.01	Field Crew	
ME-VR2	2021/22-3	Wet	3/28/2022 1:00:00 PM	3/28/2022 1:00:00 PM	Salinity	n/a	=	500	mg/L	Field Meter	-88	100	Field Crew	
ME-VR2	2021/22-3	Wet	3/28/2022 1:00:00 PM	3/28/2022 1:00:00 PM	Specific Conductance	n/a	=	1055	µmhos/cm	Field Meter	-88	1	Field Crew	
ME-VR2	2021/22-3	Wet	3/28/2022 1:00:00 PM	3/28/2022 1:00:00 PM	Temperature	n/a	=	15.9	°C	Field Meter	-88	0.1	Field Crew	
ME-VR2	2021/22-3	Wet	3/28/2022 1:00:00 PM	3/30/2022 4:07:00 PM	Gasoline Range Organics	n/a	<	0.065	mg/L	EPA 8260B	0.065	0.1	WKL	
ME-VR2	2021/22-3	Wet	3/28/2022 1:00:00 PM	4/4/2022 1:14:00 PM	Oil and Grease	n/a	DNQ	2.2	mg/L	EPA 1664B	0.6	4	WKL	
ME-VR2	2021/22-3	Wet	3/29/2022 8:27:00 AM	4/1/2022 1:48:00 PM	Chloride	n/a	=	93	mg/L	EPA 300.0	0.38	1	WKL	
ME-VR2	2021/22-3	Wet	3/29/2022 8:27:00 AM	4/1/2022 1:48:00 PM	Fluoride	n/a	=	0.36	mg/L	EPA 300.0	0.018	0.2	WKL	
ME-VR2	2021/22-3	Wet	3/29/2022 8:27:00 AM	4/1/2022 5:44:00 PM	Perchlorate	n/a	<	0.78	µg/L	EPA 314.0	0.78	4	WKL	
ME-VR2	2021/22-3	Wet	3/29/2022 8:27:00 AM	4/7/2022 5:17:00 PM	Calcium	Total	=	226	mg/L	EPA 200.7	0.117	2.5	WKL	
ME-VR2	2021/22-3	Wet	3/29/2022 8:27:00 AM	4/7/2022 5:17:00 PM	Magnesium	Total	=	107	mg/L	EPA 200.7	0.195	2.5	WKL	
ME-VR2	2021/22-3	Wet	3/29/2022 8:27:00 AM	3/31/2022 12:19:00 PM	Alkalinity as CaCO3	n/a	=	260	mg/L	SM 2320 B	1.9	5	WKL	
ME-VR2	2021/22-3	Wet	3/29/2022 8:27:00 AM	4/4/2022 3:57:00 PM	BOD	n/a	=	15	mg/L	SM 5210 B	2	2	WKL	
ME-VR2	2021/22-3	Wet	3/29/2022 8:27:00 AM	4/7/2022 1:12:00 PM	COD	n/a	=	31	mg/L	EPA 410.4	2.9	5	WKL	
ME-VR2	2021/22-3	Wet	3/29/2022 8:27:00 AM	4/7/2022 5:17:00 PM	Hardness as CaCO3	Total	=	1010	mg/L	EPA 200.7	1.1	16.5	WKL	
ME-VR2	2021/22-3	Wet	3/29/2022 8:27:00 AM	3/29/2022 6:03:00 PM	MBAS	n/a	DNQ	0.014	mg/L	SM 5540 C	0.013	0.05	WKL	
ME-VR2	2021/22-3	Wet	3/29/2022 8:27:00 AM	4/6/2022 1:31:00 PM	Phenolics	n/a	=	0.011	mg/L	EPA 420.4	0.0068	0.01	WKL	
ME-VR2	2021/22-3	Wet	3/29/2022 8:27:00 AM	4/8/2022 12:57:00 PM	Specific Conductance	n/a	=	1500	µmhos/cm	SM 2510 B	3.2	6	WKL	
ME-VR2	2021/22-3	Wet	3/29/2022 8:27:00 AM	4/5/2022 4:01:00 PM	Total Dissolved Solids	n/a	=	830	mg/L	SM 2540 C	4	10	WKL	
ME-VR2	2021/22-3	Wet	3/29/2022 8:27:00 AM	4/14/2022 6:31:00 AM	Total Organic Carbon	n/a	=	14	mg/L	SM 5310 B	0.19	0.3	WKL	
ME-VR2	2021/22-3	Wet	3/29/2022 8:27:00 AM	4/2/2022 10:05:00 AM	Total Suspended Solids	n/a	=	6300	mg/L	SM 2540 D	-88	5	WKL	
ME-VR2	2021/22-3	Wet	3/29/2022 8:27:00 AM	3/30/2022 1:15:00 PM	Turbidity	n/a	=	40	NTU	EPA 180.1	0.17	1	WKL	
ME-VR2	2021/22-3	Wet	3/29/2022 8:27:00 AM	4/2/2022 10:22:00 AM	Volatile Suspended Solids	n/a	=	430	mg/L	EPA 160.4	3.1	5	WKL	
ME-VR2	2021/22-3	Wet	3/29/2022 8:27:00 AM	4/1/2022 6:23:00 AM	Diesel Range Organics	n/a	DNQ	0.18	mg/L	EPA 8015B	0.14	0.2	WKL	
ME-VR2	2021/22-3	Wet	3/29/2022 8:27:00 AM	4/1/2022 6:23:00 AM	Oil Range Organics	n/a	<	0.66	mg/L	EPA 8015B	0.66	1	WKL	
ME-VR2	2021/22-3	Wet	3/29/2022 8:27:00 AM	4/6/2022 5:02:00 PM	Aluminum	Dissolved	DNQ	4.5	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
ME-VR2	2021/22-3	Wet	3/29/2022 8:27:00 AM	4/6/2022 5:56:00 PM	Aluminum	Total	=	110000	µg/L	EPA 200.8	89	400	WKL	
ME-VR2	2021/22-3	Wet	3/29/2022 8:27:00 AM	4/6/2022 5:02:00 PM	Antimony	Dissolved	DNQ	0.29	µg/L	EPA 200.8	0.089	0.5	WKL	
ME-VR2	2021/22-3	Wet	3/29/2022 8:27:00 AM	4/6/2022 5:05:00 PM	Antimony	Total	DNQ	1.3	µg/L	EPA 200.8	0.44	2.5	WKL	
ME-VR2	2021/22-3	Wet	3/29/2022 8:27:00 AM	4/6/2022 5:02:00 PM	Arsenic	Dissolved	=	2	µg/L	EPA 200.8	0.074	0.4	WKL	
ME-VR2	2021/22-3	Wet	3/29/2022 8:27:00 AM	4/6/2022 5:05:00 PM	Arsenic	Total	=	54	µg/L	EPA 200.8	0.37	2	WKL	
ME-VR2	2021/22-3	Wet	3/29/2022 8:27:00 AM	4/6/2022 5:05:00 PM	Barium	Total	=	1500	µg/L	EPA 200.8	0.71	5	WKL	
ME-VR2	2021/22-3	Wet	3/29/2022 8:27:00 AM	4/6/2022 5:02:00 PM	Beryllium	Dissolved	<	0.062	µg/L	EPA 200.8	0.062	0.1	WKL	
ME-VR2	2021/22-3	Wet	3/29/2022 8:27:00 AM	4/6/2022 5:05:00 PM	Beryllium	Total	=	5.3	µg/L	EPA 200.8	0.14	0.5	WKL	
ME-VR2	2021/22-3	Wet	3/29/2022 8:27:00 AM	4/6/2022 5:02:00 PM	Cadmium	Dissolved	<	0.042	µg/L	EPA 200.8	0.042	0.2	WKL	
ME-VR2	2021/22-3	Wet	3/29/2022 8:27:00 AM	4/6/2022 5:05:00 PM	Cadmium	Total	=	10	µg/L	EPA 200.8	0.21	1	WKL	
ME-VR2	2021/22-3	Wet	3/29/2022 8:27:00 AM	4/6/2022 5:02:00 PM	Chromium	Dissolved	DNQ	0.15	µg/L	EPA 200.8	0.089	0.2	WKL	
ME-VR2	2021/22-3	Wet	3/29/2022 8:27:00 AM	4/6/2022 5:05:00 PM	Chromium	Total	=	300	µg/L	EPA 200.8	0.44	1	WKL	
ME-VR2	2021/22-3	Wet	3/29/2022 8:27:00 AM	4/6/2022 2:12:00 PM	Chromium VI	n/a	=	0.066	µg/L	EPA 218.6	0.0079	0.02	WKL	
ME-VR2	2021/22-3	Wet	3/29/2022 8:27:00 AM	4/6/2022 5:02:00 PM	Copper	Dissolved	=	1.4	µg/L	EPA 200.8	0.23	0.5	WKL	
ME-VR2	2021/22-3	Wet	3/29/2022 8:27:00 AM	4/6/2022 5:05:00 PM	Copper	Total	=	180	µg/L	EPA 200.8	1.2	2.5	WKL	
ME-VR2	2021/22-3	Wet	3/29/2022 8:27:00 AM	4/6/2022 5:02:00 PM	Iron	Dissolved	=	20	µg/L	EPA 200.8	3.9	20	WKL	
ME-VR2	2021/22-3	Wet	3/29/2022 8:27:00 AM	4/6/2022 5:56:00 PM	Iron	Total	=	190000	µg/L	EPA 200.8	79	400	WKL	
ME-VR2	2021/22-3	Wet	3/29/2022 8:27:00 AM	4/6/2022 5:05:00 PM	Lead	Dissolved	<	0.083	µg/L	EPA 200.8	0.083	0.2	WKL	
ME-VR2	2021/22-3	Wet	3/29/2022 8:27:00 AM	4/6/2022 5:05:00 PM	Lead	Total	=	67	µg/L	EPA 200.8	0.42	1	WKL	
ME-VR2	2021/22-3	Wet	3/29/2022 8:27:00 AM	3/31/2022 10:52:00 AM	Mercury	Dissolved	<	17	ng/L	EPA 245.1	17	50	WKL	
ME-VR2	2021/22-3	Wet	3/29/2022 8:27:00 AM	3/31/2022 10:54:00 AM	Mercury	Total	=	260	ng/L	EPA 245.1	17	50	WKL	
ME-VR2	2021/22-3	Wet	3/29/2022 8:27:00 AM	4/6/2022 5:02:00 PM	Nickel	Dissolved	=	7.4	µg/L	EPA 200.8	0.16	2	WKL	
ME-VR2	2021/22-3	Wet	3/29/2022 8:27:00 AM	4/6/2022 5:05:00 PM	Nickel	Total	=	400	µg/L	EPA 200.8	0.82	10	WKL	
ME-VR2	2021/22-3	Wet	3/29/2022 8:27:00 AM	4/6/2022 5:02:00 PM	Selenium	Dissolved	=	2.3	µg/L	EPA 200.8	0.067	0.4	WKL	
ME-VR2	2021/22-3	Wet	3/29/2022 8:27:00 AM	4/6/2022 5:05:00 PM	Selenium	Total	=	8.3	µg/L	EPA 200.8	0.34	2	WKL	
ME-VR2	2021/22-3	Wet	3/29/2022 8:27:00 AM	4/6/2022 5:02:00 PM	Silver	Dissolved	<	0.03	µg/L	EPA 200.8	0.03	0.2	WKL	
ME-VR2	2021/22-3	Wet	3/29/2022 8:27:00 AM	4/6/2022 5:05:00 PM	Silver	Total	DNQ	0.88	µg/L	EPA 200.8	0.64	1	WKL	
ME-VR2	2021/22-3	Wet	3/29/2022 8:27:00 AM	4/6/2022 5:02:00 PM	Thallium	Dissolved	<	0.021	µg/L	EPA 200.8	0.021	0.2	WKL	
ME-VR2	2021/22-3	Wet	3/29/2022 8:27:00 AM	4/6/2022 5:05:00 PM	Thallium	Total	=	2.6	µg/L	EPA 200.8	0.1	1	WKL	
ME-VR2	2021/22-3	Wet	3/29/2022 8:27:00 AM	4/6/2022 5:02:00 PM	Zinc	Dissolved	DNQ	2.2	µg/L	EPA 200.8	0.8	10	WKL	
ME-VR2	2021/22-3	Wet	3/29/2022 8:27:00 AM	4/6/2022 5:05:00 PM	Zinc	Total	=	630	µg/L	EPA 200.8	8.4	50	WKL	
ME-VR2	2021/22-3	Wet	3/29/2022 8:27:00 AM	4/4/2022 4:06:00 PM	Ammonia as N	n/a	=	0.71	mg/L	EPA 350.1	0.017	0.1	WKL	
ME-VR2	2021/22-3	Wet	3/29/2022 8:27:00 AM	4/9/2022 2:54:00 PM	Nitrate + Nitrite as N	n/a	=	1.3	mg/L	EPA 353.2	0.036	0.2	WKL	
ME-VR2	2021/22-3	Wet	3/29/2022 8:27:00 AM	4/7/2022 5:14:00 PM	Phosphorus as P	Dissolved	=	0.23	mg/L	EPA 200.7	0.018	0.05	WKL	
ME-VR2	2021/22-3	Wet	3/29/2022 8:27:00 AM	4/7/2022 5:17:00 PM	Phosphorus as P	Total	=	7.7	mg/L	EPA 200.7	0.09	0.25	WKL	
ME-VR2	2021/22-3	Wet	3/29/2022 8:27:00 AM	4/7/2022 5:10:00 PM	TKN	n/a	=	15	mg/L	EPA 351.2	0.32	0.5	WKL	
ME-VR2	2021/22-3	Wet	3/29/2022 8:27:00 AM	4/28/2022 1:32:00 AM	1,2,4-Trichlorobenzene	n/a	<	4.9	µg/L	EPA 625.1	4.9	10	WKL	
ME-VR2	2021/22-3	Wet	3/29/2022 8:27:00 AM	4/28/2022 1:32:00 AM	1,2-Dichlorobenzene	n/a	<	4.6	µg/L	EPA 625.1	4.6	10	WKL	
ME-VR2	2021/22-3	Wet	3/29/2022 8:27:00 AM	4/28/2022 1:32:00 AM	1,2-Diphenylhydrazine	n/a	<	3	µg/L	EPA 625.1	3	10	WKL	
ME-VR2	2021/22-3	Wet	3/29/2022 8:27:00 AM	4/28/2022 1:32:00 AM	1,3-Dichlorobenzene	n/a	<	4.2	µg/L	EPA 625.1	4.2	10	WKL	
ME-VR2	2021/22-3	Wet	3/29/2022 8:27:00 AM	4/28/2022 1:32:00 AM	1,4-Dichlorobenzene	n/a	<	4.8	µg/L	EPA 625.1	4.8	10	WKL	
ME-VR2	2021/22-3	Wet	3/29/2022 8:27:00 AM	4/20/2022 6:19:00 AM	1-Methylnaphthalene	n/a	<	0.24	µg/L	EPA 8270C	0.24	1	WKL	
ME-VR2	2021/22-3	Wet	3/29/2022 8:27:00 AM	4/29/2022 6:15:00 AM	2,4,5-Trichlorophenol	n/a	<	2.9	µg/L	EPA 8270C	2.9	10	WKL	
ME-VR2	2021/22-3	Wet	3/29/2022 8:27:00 AM	4/28/2022 1:32:00 AM	2,4,6-Trichlorophenol	n/a	<	2.2	µg/L	EPA 625.1	2.2	10	WKL	
ME-VR2	2021/22-3	Wet	3/29/2022 8:27:00 AM	4/29/2022 6:15:00 AM	2,4,6-Trichlorophenol	n/a	<	3	µg/L	EPA 8270C	3	10	WKL	
ME-VR2	2021/22-3	Wet	3/29/2022 8:27:00 AM	4/29/2022 6:15:00 AM	2,4-Dichlorophenol	n/a	<	5.1	µg/L	EPA 8270C	5.1	10	WKL	
ME-VR2	2021/22-3	Wet	3/29/2022 8:27:00 AM	4/28/2022 1:32:00 AM	2,4-Dichlorophenol	n/a	<	2.6	µg/L	EPA 625.1	2.6	10	WKL	
ME-VR2	2021/22-3	Wet	3/29/2022 8:27:00 AM	4/29/2022 6:15:00 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
ME-VR2	2021/22-3	Wet	3/29/2022 8:27:00 AM	4/28/2022 1:32:00 AM	2,4-Dimethylphenol	n/a	<	7.6	µg/L	EPA 625.1	7.6	10	WKL	
ME-VR2	2021/22-3	Wet	3/29/2022 8:27:00 AM	4/28/2022 1:32:00 AM	2,4-Dinitrophenol	n/a	<	19	µg/L	EPA 625.1	19	100	WKL	
ME-VR2	2021/22-3	Wet	3/29/2022 8:27:00 AM	4/29/2022 6:15:00 AM	2,4-Dinitrophenol	n/a	<	10	µg/L	EPA 8270C	10	20	WKL	
ME-VR2	2021/22-3	Wet	3/29/2022 8:27:00 AM	4/28/2022 1:32:00 AM	2,4-Dinitrotoluene	n/a	<	4.6	µg/L	EPA 625.1	4.6	10	WKL	
ME-VR2	2021/22-3	Wet	3/29/2022 8:27:00 AM	4/28/2022 1:32:00 AM	2,6-Dinitrotoluene	n/a	<	2.7	µg/L	EPA 625.1	2.7	10	WKL	
ME-VR2	2021/22-3	Wet	3/29/2022 8:27:00 AM	4/28/2022 1:32:00 AM	2-Chloronaphthalene	n/a	<	4.5	µg/L	EPA 625.1	4.5	10	WKL	
ME-VR2	2021/22-3	Wet	3/29/2022 8:27:00 AM	4/28/2022 1:32:00 AM	2-Chlorophenol	n/a	<	2.8	µg/L	EPA 625.1	2.8	10	WKL	
ME-VR2	2021/22-3	Wet	3/29/2022 8:27:00 AM	4/29/2022 6:15:00 AM	2-Chlorophenol	n/a	<	6.5	µg/L	EPA 8270C	6.5	10	WKL	
ME-VR2	2021/22-3	Wet	3/29/2022 8:27:00 AM	4/20/2022 6:19:00 AM	2-Methylnaphthalene	n/a	<	0.26	µg/L	EPA 8270C	0.26	1	WKL	
ME-VR2	2021/22-3	Wet	3/29/2022 8:27:00 AM	4/29/2022 6:15:00 AM	2-Methylphenol	n/a	<	3.4	µg/L	EPA 8270C	3.4	10	WKL	
ME-VR2	2021/22-3	Wet	3/29/2022 8:27:00 AM	4/29/2022 6:15:00 AM	2-Nitrophenol	n/a	<	7.1	µg/L	EPA 8270C	7.1	10	WKL	
ME-VR2	2021/22-3	Wet	3/29/2022 8:27:00 AM	4/28/2022 1:32:00 AM	2-Nitrophenol	n/a	<	2.6	µg/L	EPA 625.1	2.6	10	WKL	
ME-VR2	2021/22-3	Wet	3/29/2022 8:27:00 AM	4/28/2022 1:32:00 AM	3,3'-Dichlorobenzidine	n/a	<	25	µg/L	EPA 625.1	25	50	WKL	
ME-VR2	2021/22-3	Wet	3/29/2022 8:27:00 AM	4/29/2022 6:15:00 AM	3-/4-Methylphenol	n/a	<	3	µg/L	EPA 8270C	3	10	WKL	
ME-VR2	2021/22-3	Wet	3/29/2022 8:27:00 AM	4/28/2022 1:32:00 AM	4,6-Dinitro-2-methylphenol	n/a	<	5	µg/L	EPA 625.1	5	50	WKL	
ME-VR2	2021/22-3	Wet	3/29/2022 8:27:00 AM	4/29/2022 6:15:00 AM	4,6-Dinitro-2-methylphenol	n/a	<	1.4	µg/L	EPA 8270C	1.4	10	WKL	
ME-VR2	2021/22-3	Wet	3/29/2022 8:27:00 AM	4/28/2022 1:32:00 AM	4-Bromophenyl phenyl ether	n/a	<	3.6	µg/L	EPA 625.1	3.6	10	WKL	
ME-VR2	2021/22-3	Wet	3/29/2022 8:27:00 AM	4/28/2022 1:32:00 AM	4-Chloro-3-methylphenol	n/a	<	2.3	µg/L	EPA 625.1	2.3	10	WKL	
ME-VR2	2021/22-3	Wet	3/29/2022 8:27:00 AM	4/29/2022 6:15:00 AM	4-Chloro-3-methylphenol	n/a	<	3.7	µg/L	EPA 8270C	3.7	10	WKL	
ME-VR2	2021/22-3	Wet	3/29/2022 8:27:00 AM	4/28/2022 1:32:00 AM	4-Chlorophenyl phenyl ether	n/a	<	4.1	µg/L	EPA 625.1	4.1	10	WKL	
ME-VR2	2021/22-3	Wet	3/29/2022 8:27:00 AM	4/28/2022 1:32:00 AM	4-Nitrophenol	n/a	<	12	µg/L	EPA 625.1	12	50	WKL	
ME-VR2	2021/22-3	Wet	3/29/2022 8:27:00 AM	4/29/2022 6:15:00 AM	4-Nitrophenol	n/a	<	10	µg/L	EPA 8270C	10	20	WKL	
ME-VR2	2021/22-3	Wet	3/29/2022 8:27:00 AM	4/28/2022 1:32:00 AM	Acenaphthene	n/a	<	3.8	µg/L	EPA 625.1	3.8	10	WKL	
ME-VR2	2021/22-3	Wet	3/29/2022 8:27:00 AM	4/20/2022 6:19:00 AM	Acenaphthene	n/a	<	0.28	µg/L	EPA 8270C	0.28	1	WKL	
ME-VR2	2021/22-3	Wet	3/29/2022 8:27:00 AM	4/28/2022 1:32:00 AM	Acenaphthylene	n/a	<	3.5	µg/L	EPA 625.1	3.5	10	WKL	
ME-VR2	2021/22-3	Wet	3/29/2022 8:27:00 AM	4/20/2022 6:19:00 AM	Acenaphthylene	n/a	<	0.33	µg/L	EPA 8270C	0.33	1	WKL	
ME-VR2	2021/22-3	Wet	3/29/2022 8:27:00 AM	4/28/2022 1:32:00 AM	Anthracene	n/a	<	4.1	µg/L	EPA 625.1	4.1	10	WKL	
ME-VR2	2021/22-3	Wet	3/29/2022 8:27:00 AM	4/20/2022 6:19:00 AM	Anthracene	n/a	<	0.25	µg/L	EPA 8270C	0.25	1	WKL	
ME-VR2	2021/22-3	Wet	3/29/2022 8:27:00 AM	4/28/2022 1:32:00 AM	Benz(a)anthracene	n/a	<	1.9	µg/L	EPA 625.1	1.9	10	WKL	
ME-VR2	2021/22-3	Wet	3/29/2022 8:27:00 AM	4/20/2022 6:19:00 AM	Benz(a)anthracene	n/a	<	0.51	µg/L	EPA 8270C	0.51	1	WKL	
ME-VR2	2021/22-3	Wet	3/29/2022 8:27:00 AM	4/28/2022 1:32:00 AM	Benzidine	n/a	<	32	µg/L	EPA 625.1	32	100	WKL	
ME-VR2	2021/22-3	Wet	3/29/2022 8:27:00 AM	4/20/2022 6:19:00 AM	Benzo(a)pyrene	n/a	DNQ	0.57	µg/L	EPA 8270C	0.51	1	WKL	
ME-VR2	2021/22-3	Wet	3/29/2022 8:27:00 AM	4/15/2022 3:46:00 AM	Benzo(a)pyrene	n/a	<	0.04	µg/L	EPA 525.2	0.04	0.2	WKL	
ME-VR2	2021/22-3	Wet	3/29/2022 8:27:00 AM	4/28/2022 1:32:00 AM	Benzo(a)pyrene	n/a	<	3.9	µg/L	EPA 625.1	3.9	10	WKL	
ME-VR2	2021/22-3	Wet	3/29/2022 8:27:00 AM	4/28/2022 1:32:00 AM	Benzo(b)fluoranthene	n/a	<	4.6	µg/L	EPA 625.1	4.6	10	WKL	
ME-VR2	2021/22-3	Wet	3/29/2022 8:27:00 AM	4/20/2022 6:19:00 AM	Benzo(b)fluoranthene	n/a	<	0.74	µg/L	EPA 8270C	0.74	1	WKL	
ME-VR2	2021/22-3	Wet	3/29/2022 8:27:00 AM	4/28/2022 1:32:00 AM	Benzo(g,h,i)perylene	n/a	<	4.2	µg/L	EPA 625.1	4.2	20	WKL	
ME-VR2	2021/22-3	Wet	3/29/2022 8:27:00 AM	4/20/2022 6:19:00 AM	Benzo(g,h,i)perylene	n/a	DNQ	0.55	µg/L	EPA 8270C	0.5	1	WKL	
ME-VR2	2021/22-3	Wet	3/29/2022 8:27:00 AM	4/28/2022 1:32:00 AM	Benzo(k)fluoranthene	n/a	<	2.2	µg/L	EPA 625.1	2.2	10	WKL	
ME-VR2	2021/22-3	Wet	3/29/2022 8:27:00 AM	4/20/2022 6:19:00 AM	Benzo(k)fluoranthene	n/a	DNQ	0.48	µg/L	EPA 8270C	0.26	1	WKL	UL-MB
ME-VR2	2021/22-3	Wet	3/29/2022 8:27:00 AM	4/28/2022 1:32:00 AM	Bis(2-chloroethoxy)methane	n/a	<	2.5	µg/L	EPA 625.1	2.5	10	WKL	
ME-VR2	2021/22-3	Wet	3/29/2022 8:27:00 AM	4/28/2022 1:32:00 AM	Bis(2-chloroethyl)ether	n/a	<	2.7	µg/L	EPA 625.1	2.7	10	WKL	
ME-VR2	2021/22-3	Wet	3/29/2022 8:27:00 AM	4/28/2022 1:32:00 AM	Bis(2-chloroisopropyl)ether	n/a	<	3.8	µg/L	EPA 625.1	3.8	10	WKL	
ME-VR2	2021/22-3	Wet	3/29/2022 8:27:00 AM	4/15/2022 3:46:00 AM	Bis(2-ethylhexyl)adipate	n/a	<	0.85	µg/L	EPA 525.2	0.85	10	WKL	
ME-VR2	2021/22-3	Wet	3/29/2022 8:27:00 AM	4/15/2022 3:46:00 AM	Bis(2-ethylhexyl)phthalate	n/a	<	0.82	µg/L	EPA 525.2	0.82	6	WKL	
ME-VR2	2021/22-3	Wet	3/29/2022 8:27:00 AM	4/28/2022 1:32:00 AM	Bis(2-ethylhexyl)phthalate	n/a	<	23	µg/L	EPA 625.1	23	50	WKL	
ME-VR2	2021/22-3	Wet	3/29/2022 8:27:00 AM	4/28/2022 1:32:00 AM	Butyl benzyl phthalate	n/a	<	4.9	µg/L	EPA 625.1	4.9	10	WKL	
ME-VR2	2021/22-3	Wet	3/29/2022 8:27:00 AM	4/28/2022 1:32:00 AM	Chrysene	n/a	<	1.9	µg/L	EPA 625.1	1.9	10	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
ME-VR2	2021/22-3	Wet	3/29/2022 8:27:00 AM	4/20/2022 6:19:00 AM	Chrysene	n/a	<	0.74	µg/L	EPA 8270C	0.74	1	WKL	
ME-VR2	2021/22-3	Wet	3/29/2022 8:27:00 AM	4/28/2022 1:32:00 AM	Dibenz(a,h)anthracene	n/a	<	1.5	µg/L	EPA 625.1	1.5	20	WKL	
ME-VR2	2021/22-3	Wet	3/29/2022 8:27:00 AM	4/20/2022 6:19:00 AM	Dibenz(a,h)anthracene	n/a	DNQ	0.71	µg/L	EPA 8270C	0.36	1	WKL	UL-MB
ME-VR2	2021/22-3	Wet	3/29/2022 8:27:00 AM	4/28/2022 1:32:00 AM	Diethyl phthalate	n/a	<	3.5	µg/L	EPA 625.1	3.5	10	WKL	
ME-VR2	2021/22-3	Wet	3/29/2022 8:27:00 AM	4/28/2022 1:32:00 AM	Dimethyl phthalate	n/a	<	1.8	µg/L	EPA 625.1	1.8	10	WKL	
ME-VR2	2021/22-3	Wet	3/29/2022 8:27:00 AM	4/28/2022 1:32:00 AM	Di-n-butylphthalate	n/a	<	3.4	µg/L	EPA 625.1	3.4	10	WKL	
ME-VR2	2021/22-3	Wet	3/29/2022 8:27:00 AM	4/28/2022 1:32:00 AM	Di-n-octylphthalate	n/a	<	4.6	µg/L	EPA 625.1	4.6	10	WKL	
ME-VR2	2021/22-3	Wet	3/29/2022 8:27:00 AM	4/28/2022 1:32:00 AM	Fluoranthene	n/a	<	3.5	µg/L	EPA 625.1	3.5	10	WKL	
ME-VR2	2021/22-3	Wet	3/29/2022 8:27:00 AM	4/20/2022 6:19:00 AM	Fluoranthene	n/a	<	0.39	µg/L	EPA 8270C	0.39	1	WKL	
ME-VR2	2021/22-3	Wet	3/29/2022 8:27:00 AM	4/28/2022 1:32:00 AM	Fluorene	n/a	<	3.5	µg/L	EPA 625.1	3.5	10	WKL	
ME-VR2	2021/22-3	Wet	3/29/2022 8:27:00 AM	4/20/2022 6:19:00 AM	Fluorene	n/a	<	0.29	µg/L	EPA 8270C	0.29	1	WKL	
ME-VR2	2021/22-3	Wet	3/29/2022 8:27:00 AM	4/28/2022 1:32:00 AM	Hexachlorobenzene	n/a	<	4.9	µg/L	EPA 625.1	4.9	10	WKL	
ME-VR2	2021/22-3	Wet	3/29/2022 8:27:00 AM	4/28/2022 1:32:00 AM	Hexachlorobutadiene	n/a	<	4.7	µg/L	EPA 625.1	4.7	10	WKL	
ME-VR2	2021/22-3	Wet	3/29/2022 8:27:00 AM	4/15/2022 3:46:00 AM	Hexachlorocyclopentadiene	n/a	<	0.18	µg/L	EPA 525.2	0.18	2	WKL	
ME-VR2	2021/22-3	Wet	3/29/2022 8:27:00 AM	4/28/2022 1:32:00 AM	Hexachlorocyclopentadiene	n/a	<	3.1	µg/L	EPA 625.1	3.1	50	WKL	
ME-VR2	2021/22-3	Wet	3/29/2022 8:27:00 AM	4/28/2022 1:32:00 AM	Hexachloroethane	n/a	<	5	µg/L	EPA 625.1	5	10	WKL	
ME-VR2	2021/22-3	Wet	3/29/2022 8:27:00 AM	4/20/2022 6:19:00 AM	Indeno(1,2,3-cd)pyrene	n/a	DNQ	0.68	µg/L	EPA 8270C	0.65	1	WKL	
ME-VR2	2021/22-3	Wet	3/29/2022 8:27:00 AM	4/28/2022 1:32:00 AM	Indeno(1,2,3-cd)pyrene	n/a	<	2.5	µg/L	EPA 625.1	2.5	20	WKL	
ME-VR2	2021/22-3	Wet	3/29/2022 8:27:00 AM	4/28/2022 1:32:00 AM	Isophorone	n/a	<	2.1	µg/L	EPA 625.1	2.1	10	WKL	
ME-VR2	2021/22-3	Wet	3/29/2022 8:27:00 AM	4/28/2022 1:32:00 AM	Naphthalene	n/a	<	4.9	µg/L	EPA 625.1	4.9	10	WKL	
ME-VR2	2021/22-3	Wet	3/29/2022 8:27:00 AM	4/20/2022 6:19:00 AM	Naphthalene	n/a	<	0.26	µg/L	EPA 8270C	0.26	1	WKL	
ME-VR2	2021/22-3	Wet	3/29/2022 8:27:00 AM	4/28/2022 1:32:00 AM	Nitrobenzene	n/a	<	3.6	µg/L	EPA 625.1	3.6	10	WKL	
ME-VR2	2021/22-3	Wet	3/29/2022 8:27:00 AM	4/28/2022 1:32:00 AM	N-Nitrosodimethylamine	n/a	<	5	µg/L	EPA 625.1	5	10	WKL	
ME-VR2	2021/22-3	Wet	3/29/2022 8:27:00 AM	4/28/2022 1:32:00 AM	N-Nitrosodi-N-propylamine	n/a	<	2.6	µg/L	EPA 625.1	2.6	10	WKL	
ME-VR2	2021/22-3	Wet	3/29/2022 8:27:00 AM	4/28/2022 1:32:00 AM	N-Nitrosodiphenylamine	n/a	<	1.9	µg/L	EPA 625.1	1.9	10	WKL	
ME-VR2	2021/22-3	Wet	3/29/2022 8:27:00 AM	4/28/2022 1:32:00 AM	Phenanthrene	n/a	<	3.2	µg/L	EPA 625.1	3.2	10	WKL	
ME-VR2	2021/22-3	Wet	3/29/2022 8:27:00 AM	4/20/2022 6:19:00 AM	Phenanthrene	n/a	<	0.29	µg/L	EPA 8270C	0.29	1	WKL	
ME-VR2	2021/22-3	Wet	3/29/2022 8:27:00 AM	4/29/2022 6:15:00 AM	Phenol	n/a	<	3.5	µg/L	EPA 8270C	3.5	10	WKL	
ME-VR2	2021/22-3	Wet	3/29/2022 8:27:00 AM	4/28/2022 1:32:00 AM	Phenol	n/a	<	8.1	µg/L	EPA 625.1	8.1	10	WKL	
ME-VR2	2021/22-3	Wet	3/29/2022 8:27:00 AM	4/28/2022 1:32:00 AM	Pyrene	n/a	<	2.5	µg/L	EPA 625.1	2.5	10	WKL	
ME-VR2	2021/22-3	Wet	3/29/2022 8:27:00 AM	4/20/2022 6:19:00 AM	Pyrene	n/a	<	0.4	µg/L	EPA 8270C	0.4	1	WKL	
ME-VR2	2021/22-3	Wet	3/29/2022 8:27:00 AM	4/10/2022 12:41:00 AM	PCB Aroclor 1016	n/a	<	1.4	µg/L	EPA 608.3	1.4	25	WKL	
ME-VR2	2021/22-3	Wet	3/29/2022 8:27:00 AM	4/10/2022 12:41:00 AM	PCB Aroclor 1221	n/a	<	3	µg/L	EPA 608.3	3	25	WKL	
ME-VR2	2021/22-3	Wet	3/29/2022 8:27:00 AM	4/10/2022 12:41:00 AM	PCB Aroclor 1232	n/a	<	5	µg/L	EPA 608.3	5	25	WKL	
ME-VR2	2021/22-3	Wet	3/29/2022 8:27:00 AM	4/10/2022 12:41:00 AM	PCB Aroclor 1242	n/a	<	3.5	µg/L	EPA 608.3	3.5	25	WKL	
ME-VR2	2021/22-3	Wet	3/29/2022 8:27:00 AM	4/10/2022 12:41:00 AM	PCB Aroclor 1248	n/a	<	3	µg/L	EPA 608.3	3	25	WKL	
ME-VR2	2021/22-3	Wet	3/29/2022 8:27:00 AM	4/10/2022 12:41:00 AM	PCB Aroclor 1254	n/a	<	2	µg/L	EPA 608.3	2	25	WKL	
ME-VR2	2021/22-3	Wet	3/29/2022 8:27:00 AM	4/10/2022 12:41:00 AM	PCB Aroclor 1260	n/a	<	2.8	µg/L	EPA 608.3	2.8	25	WKL	
ME-VR2	2021/22-3	Wet	3/29/2022 8:27:00 AM	4/1/2022 2:54:00 AM	2,4,5-T	n/a	<	0.03	µg/L	EPA 515.4	0.03	0.2	WKL	
ME-VR2	2021/22-3	Wet	3/29/2022 8:27:00 AM	4/1/2022 2:54:00 AM	2,4,5-TP	n/a	<	0.026	µg/L	EPA 515.4	0.026	0.2	WKL	
ME-VR2	2021/22-3	Wet	3/29/2022 8:27:00 AM	4/1/2022 2:54:00 AM	2,4-D	n/a	DNQ	0.15	µg/L	EPA 515.4	0.14	0.4	WKL	
ME-VR2	2021/22-3	Wet	3/29/2022 8:27:00 AM	4/1/2022 2:54:00 AM	2,4-DB	n/a	<	0.19	µg/L	EPA 515.4	0.19	2	WKL	
ME-VR2	2021/22-3	Wet	3/29/2022 8:27:00 AM	4/1/2022 2:54:00 AM	3,5-Dichlorobenzoic acid	n/a	<	1	µg/L	EPA 515.4	1	1	WKL	
ME-VR2	2021/22-3	Wet	3/29/2022 8:27:00 AM	4/10/2022 12:41:00 AM	4,4'-DDD	n/a	<	0.035	µg/L	EPA 608.3	0.035	2.5	WKL	
ME-VR2	2021/22-3	Wet	3/29/2022 8:27:00 AM	4/10/2022 12:41:00 AM	4,4'-DDE	n/a	<	0.035	µg/L	EPA 608.3	0.035	2.5	WKL	
ME-VR2	2021/22-3	Wet	3/29/2022 8:27:00 AM	4/10/2022 12:41:00 AM	4,4'-DDT	n/a	<	0.055	µg/L	EPA 608.3	0.055	0.5	WKL	
ME-VR2	2021/22-3	Wet	3/29/2022 8:27:00 AM	4/1/2022 2:54:00 AM	Acifluorfen	n/a	<	0.4	µg/L	EPA 515.4	0.4	0.4	WKL	
ME-VR2	2021/22-3	Wet	3/29/2022 8:27:00 AM	4/15/2022 3:46:00 AM	Alachlor	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	2021/22-3	Wet	3/29/2022 8:27:00 AM	4/10/2022 12:41:00 AM	Aldrin	n/a	<	0.05	µg/L	EPA 608.3	0.05	0.25	WKL	
ME-VR2	2021/22-3	Wet	3/29/2022 8:27:00 AM	4/10/2022 12:41:00 AM	alpha-BHC	n/a	<	0.055	µg/L	EPA 608.3	0.055	0.5	WKL	
ME-VR2	2021/22-3	Wet	3/29/2022 8:27:00 AM	4/10/2022 12:41:00 AM	alpha-Chlordane	n/a	<	0.14	µg/L	EPA 608.3	0.14	0.5	WKL	
ME-VR2	2021/22-3	Wet	3/29/2022 8:27:00 AM	4/15/2022 3:46:00 AM	Atrazine	n/a	<	0.022	µg/L	EPA 525.2	0.022	0.2	WKL	
ME-VR2	2021/22-3	Wet	3/29/2022 8:27:00 AM	4/1/2022 7:04:00 PM	Azinphos methyl	n/a	<	0.011	µg/L	EPA 625.1m	0.011	0.02	WKL	
ME-VR2	2021/22-3	Wet	3/29/2022 8:27:00 AM	4/1/2022 2:54:00 AM	Bentazon	n/a	<	0.23	µg/L	EPA 515.4	0.23	2	WKL	
ME-VR2	2021/22-3	Wet	3/29/2022 8:27:00 AM	4/10/2022 12:41:00 AM	beta-BHC	n/a	<	0.075	µg/L	EPA 608.3	0.075	0.25	WKL	
ME-VR2	2021/22-3	Wet	3/29/2022 8:27:00 AM	4/1/2022 7:04:00 PM	Bolstar	n/a	<	0.0092	µg/L	EPA 625.1m	0.0092	0.02	WKL	
ME-VR2	2021/22-3	Wet	3/29/2022 8:27:00 AM	4/15/2022 3:46:00 AM	Bromacil	n/a	<	0.14	µg/L	EPA 525.2	0.14	1	WKL	
ME-VR2	2021/22-3	Wet	3/29/2022 8:27:00 AM	4/15/2022 3:46:00 AM	Butachlor	n/a	<	0.024	µg/L	EPA 525.2	0.024	0.2	WKL	
ME-VR2	2021/22-3	Wet	3/29/2022 8:27:00 AM	4/15/2022 3:46:00 AM	Captan	n/a	<	0.64	µg/L	EPA 525.2	0.64	2	WKL	
ME-VR2	2021/22-3	Wet	3/29/2022 8:27:00 AM	4/10/2022 12:41:00 AM	Chlordane (technical)	n/a	<	2.2	µg/L	EPA 608.3	2.2	5	WKL	
ME-VR2	2021/22-3	Wet	3/29/2022 8:27:00 AM	4/15/2022 3:46:00 AM	Chlorpropham	n/a	<	0.08	µg/L	EPA 525.2	0.08	0.2	WKL	
ME-VR2	2021/22-3	Wet	3/29/2022 8:27:00 AM	4/1/2022 7:04:00 PM	Chlorpyrifos	n/a	<	0.014	µg/L	EPA 625.1m	0.014	0.02	WKL	
ME-VR2	2021/22-3	Wet	3/29/2022 8:27:00 AM	4/1/2022 7:04:00 PM	Coumaphos	n/a	<	0.01	µg/L	EPA 625.1m	0.01	0.02	WKL	
ME-VR2	2021/22-3	Wet	3/29/2022 8:27:00 AM	4/1/2022 2:54:00 AM	Dalapon	n/a	<	0.11	µg/L	EPA 515.4	0.11	0.4	WKL	
ME-VR2	2021/22-3	Wet	3/29/2022 8:27:00 AM	4/1/2022 2:54:00 AM	DCPA (Dacthal)	n/a	<	0.029	µg/L	EPA 515.4	0.029	0.1	WKL	
ME-VR2	2021/22-3	Wet	3/29/2022 8:27:00 AM	4/10/2022 8:27:00 AM	delta-BHC	n/a	<	0.095	µg/L	EPA 608.3	0.095	0.25	WKL	
ME-VR2	2021/22-3	Wet	3/29/2022 8:27:00 AM	4/1/2022 7:04:00 PM	Demeton-O	n/a	<	0.02	µg/L	EPA 625.1m	0.02	0.02	WKL	
ME-VR2	2021/22-3	Wet	3/29/2022 8:27:00 AM	4/1/2022 7:04:00 PM	Demeton-S	n/a	<	0.02	µg/L	EPA 625.1m	0.02	0.02	WKL	
ME-VR2	2021/22-3	Wet	3/29/2022 8:27:00 AM	4/15/2022 3:46:00 AM	Diazinon	n/a	<	0.044	µg/L	EPA 525.2	0.044	0.2	WKL	
ME-VR2	2021/22-3	Wet	3/29/2022 8:27:00 AM	4/1/2022 7:04:00 PM	Diazinon	n/a	<	0.01	µg/L	EPA 625.1m	0.01	0.02	WKL	
ME-VR2	2021/22-3	Wet	3/29/2022 8:27:00 AM	4/1/2022 2:54:00 AM	Dicamba	n/a	<	0.049	µg/L	EPA 515.4	0.049	0.6	WKL	
ME-VR2	2021/22-3	Wet	3/29/2022 8:27:00 AM	4/1/2022 2:54:00 AM	Dichlorprop	n/a	<	0.12	µg/L	EPA 515.4	0.12	0.3	WKL	
ME-VR2	2021/22-3	Wet	3/29/2022 8:27:00 AM	4/1/2022 7:04:00 PM	Dichlorvos	n/a	<	0.0058	µg/L	EPA 625.1m	0.0058	0.02	WKL	
ME-VR2	2021/22-3	Wet	3/29/2022 8:27:00 AM	4/10/2022 12:41:00 AM	Dieldrin	n/a	<	0.04	µg/L	EPA 608.3	0.04	0.5	WKL	
ME-VR2	2021/22-3	Wet	3/29/2022 8:27:00 AM	4/1/2022 7:04:00 PM	Dimethoate	n/a	<	0.012	µg/L	EPA 625.1m	0.012	0.02	WKL	
ME-VR2	2021/22-3	Wet	3/29/2022 8:27:00 AM	4/15/2022 3:46:00 AM	Dimethoate	n/a	<	0.04	µg/L	EPA 525.2	0.04	0.4	WKL	
ME-VR2	2021/22-3	Wet	3/29/2022 8:27:00 AM	4/1/2022 2:54:00 AM	Dinoseb	n/a	<	0.033	µg/L	EPA 515.4	0.033	0.4	WKL	
ME-VR2	2021/22-3	Wet	3/29/2022 8:27:00 AM	4/15/2022 3:46:00 AM	Diphenamid	n/a	<	0.06	µg/L	EPA 525.2	0.06	0.2	WKL	
ME-VR2	2021/22-3	Wet	3/29/2022 8:27:00 AM	4/15/2022 3:46:00 AM	Disulfoton	n/a	<	0.031	µg/L	EPA 525.2	0.031	0.2	WKL	
ME-VR2	2021/22-3	Wet	3/29/2022 8:27:00 AM	4/1/2022 7:04:00 PM	Disulfoton	n/a	<	0.02	µg/L	EPA 625.1m	0.02	0.02	WKL	
ME-VR2	2021/22-3	Wet	3/29/2022 8:27:00 AM	4/10/2022 12:41:00 AM	Endosulfan I	n/a	<	0.045	µg/L	EPA 608.3	0.045	1	WKL	
ME-VR2	2021/22-3	Wet	3/29/2022 8:27:00 AM	4/10/2022 12:41:00 AM	Endosulfan II	n/a	<	0.035	µg/L	EPA 608.3	0.035	0.5	WKL	
ME-VR2	2021/22-3	Wet	3/29/2022 8:27:00 AM	4/10/2022 12:41:00 AM	Endosulfan sulfate	n/a	<	0.065	µg/L	EPA 608.3	0.065	2.5	WKL	
ME-VR2	2021/22-3	Wet	3/29/2022 8:27:00 AM	4/10/2022 12:41:00 AM	Endrin	n/a	<	0.085	µg/L	EPA 608.3	0.085	0.5	WKL	
ME-VR2	2021/22-3	Wet	3/29/2022 8:27:00 AM	4/10/2022 12:41:00 AM	Endrin aldehyde	n/a	<	0.095	µg/L	EPA 608.3	0.095	0.5	WKL	
ME-VR2	2021/22-3	Wet	3/29/2022 8:27:00 AM	4/15/2022 3:46:00 AM	EPTC	n/a	<	0.04	µg/L	EPA 525.2	0.04	0.2	WKL	
ME-VR2	2021/22-3	Wet	3/29/2022 8:27:00 AM	4/1/2022 7:04:00 PM	Ethoprop	n/a	<	0.013	µg/L	EPA 625.1m	0.013	0.02	WKL	
ME-VR2	2021/22-3	Wet	3/29/2022 8:27:00 AM	4/1/2022 7:04:00 PM	Ethyl parathion	n/a	<	0.011	µg/L	EPA 625.1m	0.011	0.02	WKL	
ME-VR2	2021/22-3	Wet	3/29/2022 8:27:00 AM	4/1/2022 7:04:00 PM	Fensulfthion	n/a	<	0.0058	µg/L	EPA 625.1m	0.0058	0.02	WKL	
ME-VR2	2021/22-3	Wet	3/29/2022 8:27:00 AM	4/1/2022 7:04:00 PM	Fenthion	n/a	<	0.0076	µg/L	EPA 625.1m	0.0076	0.02	WKL	
ME-VR2	2021/22-3	Wet	3/29/2022 8:27:00 AM	4/10/2022 12:41:00 AM	gamma-BHC (Lindane)	n/a	<	0.02	µg/L	EPA 608.3	0.02	1	WKL	
ME-VR2	2021/22-3	Wet	3/29/2022 8:27:00 AM	4/10/2022 12:41:00 AM	gamma-Chlordane	n/a	<	0.12	µg/L	EPA 608.3	0.12	0.5	WKL	
ME-VR2	2021/22-3	Wet	3/29/2022 8:27:00 AM	4/4/2022 7:11:00 PM	Glyphosate	n/a	<	90	µg/L	EPA 547	90	250	WKL	
ME-VR2	2021/22-3	Wet	3/29/2022 8:27:00 AM	4/10/2022 12:41:00 AM	Heptachlor	n/a	<	0.03	µg/L	EPA 608.3	0.03	0.5	WKL	
ME-VR2	2021/22-3	Wet	3/29/2022 8:27:00 AM	4/10/2022 12:41:00 AM	Heptachlor epoxide	n/a	<	0.02	µg/L	EPA 608.3	0.02	0.5	WKL	
ME-VR2	2021/22-3	Wet	3/29/2022 8:27:00 AM	4/1/2022 7:04:00 PM	Malathion	n/a	<	0.015	µg/L	EPA 625.1m	0.015	0.02	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
ME-VR2	2021/22-3	Wet	3/29/2022 8:27:00 AM	4/1/2022 7:04:00 PM	Merphos	n/a	<	0.012	µg/L	EPA 625.1m	0.012	0.02	WKL	
ME-VR2	2021/22-3	Wet	3/29/2022 8:27:00 AM	4/1/2022 7:04:00 PM	Methyl parathion	n/a	<	0.013	µg/L	EPA 625.1m	0.013	0.02	WKL	
ME-VR2	2021/22-3	Wet	3/29/2022 8:27:00 AM	4/15/2022 3:46:00 AM	Metolachlor	n/a	<	0.06	µg/L	EPA 525.2	0.06	0.2	WKL	
ME-VR2	2021/22-3	Wet	3/29/2022 8:27:00 AM	4/15/2022 3:46:00 AM	Metribuzin	n/a	<	0.06	µg/L	EPA 525.2	0.06	0.2	WKL	
ME-VR2	2021/22-3	Wet	3/29/2022 8:27:00 AM	4/1/2022 7:04:00 PM	Mevinphos	n/a	<	0.0084	µg/L	EPA 625.1m	0.0084	0.02	WKL	
ME-VR2	2021/22-3	Wet	3/29/2022 8:27:00 AM	4/15/2022 3:46:00 AM	Molinate	n/a	<	0.06	µg/L	EPA 525.2	0.06	0.2	WKL	
ME-VR2	2021/22-3	Wet	3/29/2022 8:27:00 AM	4/1/2022 7:04:00 PM	Naled	n/a	<	0.015	µg/L	EPA 625.1m	0.015	0.02	WKL	
ME-VR2	2021/22-3	Wet	3/29/2022 8:27:00 AM	4/28/2022 1:32:00 AM	Pentachlorophenol	n/a	<	4	µg/L	EPA 625.1	4	10	WKL	
ME-VR2	2021/22-3	Wet	3/29/2022 8:27:00 AM	4/1/2022 2:54:00 AM	Pentachlorophenol	n/a	DNQ	0.12	µg/L	EPA 515.4	0.046	0.2	WKL	
ME-VR2	2021/22-3	Wet	3/29/2022 8:27:00 AM	4/29/2022 6:15:00 AM	Pentachlorophenol	n/a	<	1.5	µg/L	EPA 8270C	1.5	10	WKL	
ME-VR2	2021/22-3	Wet	3/29/2022 8:27:00 AM	4/1/2022 7:04:00 PM	Phorate	n/a	<	0.006	µg/L	EPA 625.1m	0.006	0.02	WKL	
ME-VR2	2021/22-3	Wet	3/29/2022 8:27:00 AM	4/1/2022 2:54:00 AM	Picloram	n/a	<	0.6	µg/L	EPA 515.4	0.6	0.6	WKL	
ME-VR2	2021/22-3	Wet	3/29/2022 8:27:00 AM	4/15/2022 3:46:00 AM	Prometryn	n/a	<	0.06	µg/L	EPA 525.2	0.06	0.2	WKL	
ME-VR2	2021/22-3	Wet	3/29/2022 8:27:00 AM	4/1/2022 7:04:00 PM	Ronnel (Fenchlorphos)	n/a	<	0.0082	µg/L	EPA 625.1m	0.0082	0.02	WKL	
ME-VR2	2021/22-3	Wet	3/29/2022 8:27:00 AM	4/15/2022 3:46:00 AM	Simazine	n/a	<	0.04	µg/L	EPA 525.2	0.04	0.2	WKL	
ME-VR2	2021/22-3	Wet	3/29/2022 8:27:00 AM	4/1/2022 7:04:00 PM	Stirophos (Tetrachlorvinphos)	n/a	<	0.0062	µg/L	EPA 625.1m	0.0062	0.02	WKL	
ME-VR2	2021/22-3	Wet	3/29/2022 8:27:00 AM	4/15/2022 3:46:00 AM	Terbacil	n/a	<	0.18	µg/L	EPA 525.2	0.18	4	WKL	
ME-VR2	2021/22-3	Wet	3/29/2022 8:27:00 AM	4/15/2022 3:46:00 AM	Thiobencarb	n/a	<	0.06	µg/L	EPA 525.2	0.06	0.2	WKL	
ME-VR2	2021/22-3	Wet	3/29/2022 8:27:00 AM	4/1/2022 7:04:00 PM	Tokuthion	n/a	<	0.016	µg/L	EPA 625.1m	0.016	0.02	WKL	
ME-VR2	2021/22-3	Wet	3/29/2022 8:27:00 AM	4/10/2022 12:41:00 AM	Toxaphene	n/a	<	4.2	µg/L	EPA 608.3	4.2	25	WKL	
ME-VR2	2021/22-3	Wet	3/29/2022 8:27:00 AM	4/1/2022 7:04:00 PM	Trichloronate	n/a	<	0.013	µg/L	EPA 625.1m	0.013	0.02	WKL	
ME-VR2	2021/22-3	Wet	3/29/2022 8:27:00 AM	4/15/2022 3:46:00 AM	Trithion	n/a	<	0.04	µg/L	EPA 525.2	0.04	0.2	WKL	
ME-VR2	2021/22-4	Dry	5/3/2022 11:00:00 AM	5/11/2022 11:42:00 PM	Chloride	n/a	=	69	mg/L	EPA 300.0	0.38	1	WKL	
ME-VR2	2021/22-4	Dry	5/3/2022 11:00:00 AM	5/11/2022 11:42:00 PM	Fluoride	n/a	=	0.41	mg/L	EPA 300.0	0.018	0.2	WKL	
ME-VR2	2021/22-4	Dry	5/3/2022 11:00:00 AM	5/13/2022 5:25:00 AM	Perchlorate	n/a	DNQ	0.1	µg/L	EPA 331	0.043	2	WKL	
ME-VR2	2021/22-4	Dry	5/3/2022 11:00:00 AM	5/4/2022 3:30:00 PM	E. Coli	n/a	=	41	MPN/100 mL	MMO-MUG	10	10	VCHCA	
ME-VR2	2021/22-4	Dry	5/3/2022 11:00:00 AM	5/4/2022 3:30:00 PM	Total Coliform	n/a	=	1904	MPN/100 mL	MMO-MUG	10	10	VCHCA	
ME-VR2	2021/22-4	Dry	5/3/2022 11:00:00 AM	5/16/2022 3:03:00 PM	Calcium	Total	=	138	mg/L	EPA 200.7	0.0234	0.5	WKL	
ME-VR2	2021/22-4	Dry	5/3/2022 11:00:00 AM	5/16/2022 3:03:00 PM	Magnesium	Total	=	36.2	mg/L	EPA 200.7	0.039	0.5	WKL	
ME-VR2	2021/22-4	Dry	5/3/2022 11:00:00 AM	5/12/2022 9:31:00 PM	Alkalinity as CaCO3	n/a	=	260	mg/L	SM 2320 B	1.9	5	WKL	
ME-VR2	2021/22-4	Dry	5/3/2022 11:00:00 AM	5/9/2022 5:53:00 PM	BOD	n/a	<	2	mg/L	SM 5210 B	2	2	WKL	
ME-VR2	2021/22-4	Dry	5/3/2022 11:00:00 AM	5/15/2022 2:47:00 PM	COD	n/a	=	13	mg/L	EPA 410.4	2.9	5	WKL	
ME-VR2	2021/22-4	Dry	5/3/2022 11:00:00 AM	5/3/2022 11:00:00 AM	Conductivity	n/a	=	940	µmhos/cm	Field Meter	-88	1	Field Crew	
ME-VR2	2021/22-4	Dry	5/3/2022 11:00:00 AM	5/13/2022 3:00:00 PM	Cyanide	Total	<	0.0012	mg/L	ASTM D7511	0.0012	0.002	WKL	
ME-VR2	2021/22-4	Dry	5/3/2022 11:00:00 AM	5/3/2022 11:00:00 AM	DO	n/a	=	2.09	mg/L	Field Meter	-88	0.3	Field Crew	Q
ME-VR2	2021/22-4	Dry	5/3/2022 11:00:00 AM	5/3/2022 11:00:00 AM	DO	n/a	=	21.6	%	Field Meter	-88	0.1	Field Crew	Q
ME-VR2	2021/22-4	Dry	5/3/2022 11:00:00 AM	5/16/2022 3:03:00 PM	Hardness as CaCO3	Total	=	493	mg/L	EPA 200.7	0.219	3.31	WKL	
ME-VR2	2021/22-4	Dry	5/3/2022 11:00:00 AM	5/4/2022 7:07:00 PM	MBAS	n/a	<	0.013	mg/L	SM 5540 C	0.013	0.05	WKL	
ME-VR2	2021/22-4	Dry	5/3/2022 11:00:00 AM	5/3/2022 11:00:00 AM	pH	n/a	=	8.12	pH Units	Field Meter	-88	0.01	Field Crew	
ME-VR2	2021/22-4	Dry	5/3/2022 11:00:00 AM	5/10/2022 2:58:00 PM	Phenolics	n/a	=	0.01	mg/L	EPA 420.4	0.0068	0.01	WKL	
ME-VR2	2021/22-4	Dry	5/3/2022 11:00:00 AM	5/3/2022 11:00:00 AM	Salinity	n/a	=	600	mg/L	Field Meter	-88	100	Field Crew	
ME-VR2	2021/22-4	Dry	5/3/2022 11:00:00 AM	5/20/2022 2:55:00 PM	Specific Conductance	n/a	=	1200	µmhos/cm	SM 2510 B	1.1	2	WKL	
ME-VR2	2021/22-4	Dry	5/3/2022 11:00:00 AM	5/3/2022 11:00:00 AM	Specific Conductance	n/a	=	1114	µmhos/cm	Field Meter	-88	1	Field Crew	
ME-VR2	2021/22-4	Dry	5/3/2022 11:00:00 AM	5/3/2022 11:00:00 AM	Temperature	n/a	=	16.7	°C	Field Meter	-88	0.1	Field Crew	
ME-VR2	2021/22-4	Dry	5/3/2022 11:00:00 AM	5/7/2022 2:10:00 PM	Total Dissolved Solids	n/a	=	750	mg/L	SM 2540 C	4	10	WKL	
ME-VR2	2021/22-4	Dry	5/3/2022 11:00:00 AM	5/12/2022 8:52:00 PM	Total Organic Carbon	n/a	=	1.9	mg/L	SM 5310 B	0.19	0.3	WKL	
ME-VR2	2021/22-4	Dry	5/3/2022 11:00:00 AM	5/9/2022 3:45:00 PM	Total Suspended Solids	n/a	=	5	mg/L	SM 2540 D	-88	5	WKL	
ME-VR2	2021/22-4	Dry	5/3/2022 11:00:00 AM	5/4/2022 3:45:00 PM	Turbidity	n/a	=	1.1	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
ME-VR2	2021/22-4	Dry	5/3/2022 11:00:00 AM	5/10/2022 9:00:00 AM	Volatile Suspended Solids	n/a	<	3.1	mg/L	EPA 160.4	3.1	5	WKL	
ME-VR2	2021/22-4	Dry	5/3/2022 11:00:00 AM	5/16/2022 4:46:00 PM	Diesel Range Organics	n/a	DNQ	0.084	mg/L	EPA 8015B	0.072	0.1	WKL	
ME-VR2	2021/22-4	Dry	5/3/2022 11:00:00 AM	5/10/2022 1:45:00 PM	Gasoline Range Organics	n/a	DNQ	0.087	mg/L	EPA 8260B	0.065	0.1	WKL	
ME-VR2	2021/22-4	Dry	5/3/2022 11:00:00 AM	5/4/2022 12:27:00 PM	Oil and Grease	n/a	DNQ	1.1	mg/L	EPA 1664B	0.6	4	WKL	
ME-VR2	2021/22-4	Dry	5/3/2022 11:00:00 AM	5/16/2022 4:46:00 PM	Oil Range Organics	n/a	<	0.33	mg/L	EPA 8015B	0.33	0.5	WKL	
ME-VR2	2021/22-4	Dry	5/3/2022 11:00:00 AM	5/17/2022 6:57:00 PM	Aluminum	Dissolved	<	4.4	µg/L	EPA 200.8	4.4	20	WKL	
ME-VR2	2021/22-4	Dry	5/3/2022 11:00:00 AM	5/17/2022 7:00:00 PM	Aluminum	Total	=	88	µg/L	EPA 200.8	4.4	20	WKL	
ME-VR2	2021/22-4	Dry	5/3/2022 11:00:00 AM	5/17/2022 6:57:00 PM	Antimony	Dissolved	<	0.089	µg/L	EPA 200.8	0.089	0.5	WKL	
ME-VR2	2021/22-4	Dry	5/3/2022 11:00:00 AM	5/17/2022 7:00:00 PM	Antimony	Total	<	0.089	µg/L	EPA 200.8	0.089	0.5	WKL	
ME-VR2	2021/22-4	Dry	5/3/2022 11:00:00 AM	5/17/2022 6:57:00 PM	Arsenic	Dissolved	=	0.53	µg/L	EPA 200.8	0.074	0.4	WKL	
ME-VR2	2021/22-4	Dry	5/3/2022 11:00:00 AM	5/17/2022 7:00:00 PM	Arsenic	Total	=	0.59	µg/L	EPA 200.8	0.074	0.4	WKL	
ME-VR2	2021/22-4	Dry	5/3/2022 11:00:00 AM	5/17/2022 7:00:00 PM	Barium	Total	=	48	µg/L	EPA 200.8	0.14	1	WKL	
ME-VR2	2021/22-4	Dry	5/3/2022 11:00:00 AM	5/17/2022 6:57:00 PM	Beryllium	Dissolved	<	0.062	µg/L	EPA 200.8	0.062	0.1	WKL	
ME-VR2	2021/22-4	Dry	5/3/2022 11:00:00 AM	5/17/2022 7:00:00 PM	Beryllium	Total	<	0.029	µg/L	EPA 200.8	0.029	0.1	WKL	
ME-VR2	2021/22-4	Dry	5/3/2022 11:00:00 AM	5/17/2022 6:57:00 PM	Cadmium	Dissolved	<	0.042	µg/L	EPA 200.8	0.042	0.2	WKL	
ME-VR2	2021/22-4	Dry	5/3/2022 11:00:00 AM	5/17/2022 7:00:00 PM	Cadmium	Total	<	0.042	µg/L	EPA 200.8	0.042	0.2	WKL	
ME-VR2	2021/22-4	Dry	5/3/2022 11:00:00 AM	5/17/2022 6:57:00 PM	Chromium	Dissolved	<	0.089	µg/L	EPA 200.8	0.089	0.2	WKL	
ME-VR2	2021/22-4	Dry	5/3/2022 11:00:00 AM	5/17/2022 7:00:00 PM	Chromium	Total	=	0.51	µg/L	EPA 200.8	0.089	0.2	WKL	
ME-VR2	2021/22-4	Dry	5/3/2022 11:00:00 AM	5/17/2022 6:08:00 PM	Chromium VI	n/a	=	0.063	µg/L	EPA 218.6	0.0079	0.02	WKL	
ME-VR2	2021/22-4	Dry	5/3/2022 11:00:00 AM	5/17/2022 6:57:00 PM	Copper	Dissolved	DNQ	0.31	µg/L	EPA 200.8	0.23	0.5	WKL	
ME-VR2	2021/22-4	Dry	5/3/2022 11:00:00 AM	5/17/2022 7:00:00 PM	Copper	Total	DNQ	0.46	µg/L	EPA 200.8	0.23	0.5	WKL	
ME-VR2	2021/22-4	Dry	5/3/2022 11:00:00 AM	5/17/2022 6:57:00 PM	Iron	Dissolved	=	37	µg/L	EPA 200.8	3.9	20	WKL	
ME-VR2	2021/22-4	Dry	5/3/2022 11:00:00 AM	5/17/2022 7:00:00 PM	Iron	Total	=	290	µg/L	EPA 200.8	3.9	20	WKL	
ME-VR2	2021/22-4	Dry	5/3/2022 11:00:00 AM	5/17/2022 6:57:00 PM	Lead	Dissolved	<	0.083	µg/L	EPA 200.8	0.083	0.2	WKL	
ME-VR2	2021/22-4	Dry	5/3/2022 11:00:00 AM	5/17/2022 7:00:00 PM	Lead	Total	DNQ	0.12	µg/L	EPA 200.8	0.083	0.2	WKL	
ME-VR2	2021/22-4	Dry	5/3/2022 11:00:00 AM	5/13/2022 1:50:00 PM	Mercury	Dissolved	<	37	ng/L	EPA 245.1	37	50	WKL	
ME-VR2	2021/22-4	Dry	5/3/2022 11:00:00 AM	5/13/2022 1:52:00 PM	Mercury	Total	<	37	ng/L	EPA 245.1	37	50	WKL	
ME-VR2	2021/22-4	Dry	5/3/2022 11:00:00 AM	5/17/2022 6:57:00 PM	Nickel	Dissolved	DNQ	1.5	µg/L	EPA 200.8	0.16	2	WKL	
ME-VR2	2021/22-4	Dry	5/3/2022 11:00:00 AM	5/17/2022 7:00:00 PM	Nickel	Total	DNQ	1.7	µg/L	EPA 200.8	0.16	2	WKL	
ME-VR2	2021/22-4	Dry	5/3/2022 11:00:00 AM	5/17/2022 6:57:00 PM	Selenium	Dissolved	=	1.2	µg/L	EPA 200.8	0.067	0.4	WKL	
ME-VR2	2021/22-4	Dry	5/3/2022 11:00:00 AM	5/17/2022 7:00:00 PM	Selenium	Total	=	1.3	µg/L	EPA 200.8	0.067	0.4	WKL	
ME-VR2	2021/22-4	Dry	5/3/2022 11:00:00 AM	5/17/2022 6:57:00 PM	Silver	Dissolved	<	0.03	µg/L	EPA 200.8	0.03	0.2	WKL	
ME-VR2	2021/22-4	Dry	5/3/2022 11:00:00 AM	5/17/2022 7:00:00 PM	Silver	Total	<	0.13	µg/L	EPA 200.8	0.13	0.2	WKL	
ME-VR2	2021/22-4	Dry	5/3/2022 11:00:00 AM	5/17/2022 6:57:00 PM	Thallium	Dissolved	<	0.021	µg/L	EPA 200.8	0.021	0.2	WKL	
ME-VR2	2021/22-4	Dry	5/3/2022 11:00:00 AM	5/17/2022 7:00:00 PM	Thallium	Total	<	0.021	µg/L	EPA 200.8	0.021	0.2	WKL	
ME-VR2	2021/22-4	Dry	5/3/2022 11:00:00 AM	5/17/2022 6:57:00 PM	Zinc	Dissolved	DNQ	0.91	µg/L	EPA 200.8	0.8	10	WKL	UL-MB
ME-VR2	2021/22-4	Dry	5/3/2022 11:00:00 AM	5/17/2022 7:00:00 PM	Zinc	Total	<	1.7	µg/L	EPA 200.8	1.7	10	WKL	
ME-VR2	2021/22-4	Dry	5/3/2022 11:00:00 AM	5/12/2022 4:13:00 PM	Ammonia as N	n/a	<	0.017	mg/L	EPA 350.1	0.017	0.1	WKL	
ME-VR2	2021/22-4	Dry	5/3/2022 11:00:00 AM	5/4/2022 6:20:00 PM	Nitrate + Nitrite as N	n/a	=	1.1	mg/L	EPA 353.2	0.036	0.2	WKL	
ME-VR2	2021/22-4	Dry	5/3/2022 11:00:00 AM	5/16/2022 3:00:00 PM	Phosphorus as P	Dissolved	DNQ	0.023	mg/L	EPA 200.7	0.018	0.05	WKL	
ME-VR2	2021/22-4	Dry	5/3/2022 11:00:00 AM	5/16/2022 3:03:00 PM	Phosphorus as P	Total	DNQ	0.033	mg/L	EPA 200.7	0.018	0.05	WKL	
ME-VR2	2021/22-4	Dry	5/3/2022 11:00:00 AM	5/19/2022 4:54:00 PM	TKN	n/a	=	0.15	mg/L	EPA 351.2	0.065	0.1	WKL	
ME-VR2	2021/22-4	Dry	5/3/2022 11:00:00 AM	5/12/2022 2:51:00 AM	1,2,4-Trichlorobenzene	n/a	<	0.49	µg/L	EPA 625.1	0.49	1	WKL	
ME-VR2	2021/22-4	Dry	5/3/2022 11:00:00 AM	5/12/2022 2:51:00 AM	1,2-Dichlorobenzene	n/a	<	0.46	µg/L	EPA 625.1	0.46	1	WKL	
ME-VR2	2021/22-4	Dry	5/3/2022 11:00:00 AM	5/12/2022 2:51:00 AM	1,2-Diphenylhydrazine	n/a	<	0.3	µg/L	EPA 625.1	0.3	1	WKL	
ME-VR2	2021/22-4	Dry	5/3/2022 11:00:00 AM	5/12/2022 2:51:00 AM	1,3-Dichlorobenzene	n/a	<	0.42	µg/L	EPA 625.1	0.42	1	WKL	
ME-VR2	2021/22-4	Dry	5/3/2022 11:00:00 AM	5/12/2022 2:51:00 AM	1,4-Dichlorobenzene	n/a	<	0.48	µg/L	EPA 625.1	0.48	1	WKL	
ME-VR2	2021/22-4	Dry	5/3/2022 11:00:00 AM	5/14/2022 2:36:00 AM	1-Methylnaphthalene	n/a	<	0.024	µg/L	EPA 8270C	0.024	0.1	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
ME-VR2	2021/22-4	Dry	5/3/2022 11:00:00 AM	5/26/2022 2:13:00 AM	2,4,5-Trichlorophenol	n/a	<	0.29	µg/L	EPA 8270C	0.29	1	WKL	
ME-VR2	2021/22-4	Dry	5/3/2022 11:00:00 AM	5/26/2022 2:13:00 AM	2,4,6-Trichlorophenol	n/a	<	0.3	µg/L	EPA 8270C	0.3	1	WKL	
ME-VR2	2021/22-4	Dry	5/3/2022 11:00:00 AM	5/12/2022 2:51:00 AM	2,4,6-Trichlorophenol	n/a	<	0.22	µg/L	EPA 625.1	0.22	1	WKL	
ME-VR2	2021/22-4	Dry	5/3/2022 11:00:00 AM	5/26/2022 2:13:00 AM	2,4-Dichlorophenol	n/a	<	0.51	µg/L	EPA 8270C	0.51	1	WKL	
ME-VR2	2021/22-4	Dry	5/3/2022 11:00:00 AM	5/12/2022 2:51:00 AM	2,4-Dichlorophenol	n/a	<	0.26	µg/L	EPA 625.1	0.26	1	WKL	
ME-VR2	2021/22-4	Dry	5/3/2022 11:00:00 AM	5/12/2022 2:51:00 AM	2,4-Dimethylphenol	n/a	<	0.76	µg/L	EPA 625.1	0.76	1	WKL	
ME-VR2	2021/22-4	Dry	5/3/2022 11:00:00 AM	5/26/2022 2:13:00 AM	2,4-Dimethylphenol	n/a	<	1	µg/L	EPA 8270C	1	2	WKL	
ME-VR2	2021/22-4	Dry	5/3/2022 11:00:00 AM	5/12/2022 2:51:00 AM	2,4-Dinitrophenol	n/a	<	1.9	µg/L	EPA 625.1	1.9	10	WKL	
ME-VR2	2021/22-4	Dry	5/3/2022 11:00:00 AM	5/26/2022 2:13:00 AM	2,4-Dinitrophenol	n/a	<	1	µg/L	EPA 8270C	1	2	WKL	
ME-VR2	2021/22-4	Dry	5/3/2022 11:00:00 AM	5/12/2022 2:51:00 AM	2,4-Dinitrotoluene	n/a	<	0.46	µg/L	EPA 625.1	0.46	1	WKL	
ME-VR2	2021/22-4	Dry	5/3/2022 11:00:00 AM	5/12/2022 2:51:00 AM	2,6-Dinitrotoluene	n/a	<	0.27	µg/L	EPA 625.1	0.27	1	WKL	
ME-VR2	2021/22-4	Dry	5/3/2022 11:00:00 AM	5/12/2022 2:51:00 AM	2-Chloronaphthalene	n/a	<	0.45	µg/L	EPA 625.1	0.45	1	WKL	
ME-VR2	2021/22-4	Dry	5/3/2022 11:00:00 AM	5/26/2022 2:13:00 AM	2-Chlorophenol	n/a	<	0.65	µg/L	EPA 8270C	0.65	1	WKL	
ME-VR2	2021/22-4	Dry	5/3/2022 11:00:00 AM	5/12/2022 2:51:00 AM	2-Chlorophenol	n/a	<	0.28	µg/L	EPA 625.1	0.28	1	WKL	
ME-VR2	2021/22-4	Dry	5/3/2022 11:00:00 AM	5/14/2022 2:36:00 AM	2-Methylnaphthalene	n/a	<	0.026	µg/L	EPA 8270C	0.026	0.1	WKL	
ME-VR2	2021/22-4	Dry	5/3/2022 11:00:00 AM	5/26/2022 2:13:00 AM	2-Methylphenol	n/a	<	0.34	µg/L	EPA 8270C	0.34	1	WKL	
ME-VR2	2021/22-4	Dry	5/3/2022 11:00:00 AM	5/12/2022 2:51:00 AM	2-Nitrophenol	n/a	<	0.26	µg/L	EPA 625.1	0.26	1	WKL	
ME-VR2	2021/22-4	Dry	5/3/2022 11:00:00 AM	5/26/2022 2:13:00 AM	2-Nitrophenol	n/a	<	0.71	µg/L	EPA 8270C	0.71	1	WKL	
ME-VR2	2021/22-4	Dry	5/3/2022 11:00:00 AM	5/12/2022 2:51:00 AM	3,3'-Dichlorobenzidine	n/a	<	2.5	µg/L	EPA 625.1	2.5	5	WKL	
ME-VR2	2021/22-4	Dry	5/3/2022 11:00:00 AM	5/26/2022 2:13:00 AM	3-/4-Methylphenol	n/a	<	0.3	µg/L	EPA 8270C	0.3	1	WKL	
ME-VR2	2021/22-4	Dry	5/3/2022 11:00:00 AM	5/12/2022 2:51:00 AM	4,6-Dinitro-2-methylphenol	n/a	<	0.5	µg/L	EPA 625.1	0.5	5	WKL	
ME-VR2	2021/22-4	Dry	5/3/2022 11:00:00 AM	5/26/2022 2:13:00 AM	4,6-Dinitro-2-methylphenol	n/a	<	0.14	µg/L	EPA 8270C	0.14	1	WKL	
ME-VR2	2021/22-4	Dry	5/3/2022 11:00:00 AM	5/12/2022 2:51:00 AM	4-Bromophenyl phenyl ether	n/a	<	0.36	µg/L	EPA 625.1	0.36	1	WKL	
ME-VR2	2021/22-4	Dry	5/3/2022 11:00:00 AM	5/26/2022 2:13:00 AM	4-Chloro-3-methylphenol	n/a	<	0.37	µg/L	EPA 8270C	0.37	1	WKL	
ME-VR2	2021/22-4	Dry	5/3/2022 11:00:00 AM	5/12/2022 2:51:00 AM	4-Chloro-3-methylphenol	n/a	<	0.23	µg/L	EPA 625.1	0.23	1	WKL	
ME-VR2	2021/22-4	Dry	5/3/2022 11:00:00 AM	5/12/2022 2:51:00 AM	4-Chlorophenyl phenyl ether	n/a	<	0.41	µg/L	EPA 625.1	0.41	1	WKL	
ME-VR2	2021/22-4	Dry	5/3/2022 11:00:00 AM	5/26/2022 2:13:00 AM	4-Nitrophenol	n/a	<	1	µg/L	EPA 8270C	1	2	WKL	
ME-VR2	2021/22-4	Dry	5/3/2022 11:00:00 AM	5/12/2022 2:51:00 AM	4-Nitrophenol	n/a	<	1.2	µg/L	EPA 625.1	1.2	5	WKL	
ME-VR2	2021/22-4	Dry	5/3/2022 11:00:00 AM	5/12/2022 2:51:00 AM	Acenaphthene	n/a	<	0.38	µg/L	EPA 625.1	0.38	1	WKL	
ME-VR2	2021/22-4	Dry	5/3/2022 11:00:00 AM	5/14/2022 2:36:00 AM	Acenaphthene	n/a	<	0.028	µg/L	EPA 8270C	0.028	0.1	WKL	
ME-VR2	2021/22-4	Dry	5/3/2022 11:00:00 AM	5/12/2022 2:51:00 AM	Acenaphthylene	n/a	<	0.35	µg/L	EPA 625.1	0.35	1	WKL	
ME-VR2	2021/22-4	Dry	5/3/2022 11:00:00 AM	5/14/2022 2:36:00 AM	Acenaphthylene	n/a	<	0.033	µg/L	EPA 8270C	0.033	0.1	WKL	
ME-VR2	2021/22-4	Dry	5/3/2022 11:00:00 AM	5/12/2022 2:51:00 AM	Anthracene	n/a	<	0.41	µg/L	EPA 625.1	0.41	1	WKL	
ME-VR2	2021/22-4	Dry	5/3/2022 11:00:00 AM	5/14/2022 2:36:00 AM	Anthracene	n/a	<	0.025	µg/L	EPA 8270C	0.025	0.1	WKL	
ME-VR2	2021/22-4	Dry	5/3/2022 11:00:00 AM	5/14/2022 2:36:00 AM	Benz(a)anthracene	n/a	<	0.051	µg/L	EPA 8270C	0.051	0.1	WKL	
ME-VR2	2021/22-4	Dry	5/3/2022 11:00:00 AM	5/12/2022 2:51:00 AM	Benz(a)anthracene	n/a	<	0.19	µg/L	EPA 625.1	0.19	1	WKL	
ME-VR2	2021/22-4	Dry	5/3/2022 11:00:00 AM	5/12/2022 2:51:00 AM	Benzidine	n/a	<	3.2	µg/L	EPA 625.1	3.2	10	WKL	
ME-VR2	2021/22-4	Dry	5/3/2022 11:00:00 AM	5/14/2022 2:36:00 AM	Benzo(a)pyrene	n/a	<	0.051	µg/L	EPA 8270C	0.051	0.1	WKL	
ME-VR2	2021/22-4	Dry	5/3/2022 11:00:00 AM	5/12/2022 2:51:00 AM	Benzo(a)pyrene	n/a	<	0.39	µg/L	EPA 625.1	0.39	1	WKL	
ME-VR2	2021/22-4	Dry	5/3/2022 11:00:00 AM	5/10/2022 7:41:00 PM	Benzo(a)pyrene	n/a	<	0.02	µg/L	EPA 525.2	0.02	0.1	WKL	
ME-VR2	2021/22-4	Dry	5/3/2022 11:00:00 AM	5/14/2022 2:36:00 AM	Benzo(b)fluoranthene	n/a	<	0.074	µg/L	EPA 8270C	0.074	0.1	WKL	
ME-VR2	2021/22-4	Dry	5/3/2022 11:00:00 AM	5/12/2022 2:51:00 AM	Benzo(b)fluoranthene	n/a	<	0.46	µg/L	EPA 625.1	0.46	1	WKL	
ME-VR2	2021/22-4	Dry	5/3/2022 11:00:00 AM	5/12/2022 2:51:00 AM	Benzo(g,h,i)perylene	n/a	<	0.42	µg/L	EPA 625.1	0.42	2	WKL	
ME-VR2	2021/22-4	Dry	5/3/2022 11:00:00 AM	5/14/2022 2:36:00 AM	Benzo(g,h,i)perylene	n/a	<	0.05	µg/L	EPA 8270C	0.05	0.1	WKL	
ME-VR2	2021/22-4	Dry	5/3/2022 11:00:00 AM	5/12/2022 2:51:00 AM	Benzo(k)fluoranthene	n/a	<	0.22	µg/L	EPA 625.1	0.22	1	WKL	
ME-VR2	2021/22-4	Dry	5/3/2022 11:00:00 AM	5/14/2022 2:36:00 AM	Benzo(k)fluoranthene	n/a	DNQ	0.035	µg/L	EPA 8270C	0.026	0.1	WKL	
ME-VR2	2021/22-4	Dry	5/3/2022 11:00:00 AM	5/12/2022 2:51:00 AM	Bis(2-chloroethoxy)methane	n/a	<	0.25	µg/L	EPA 625.1	0.25	1	WKL	
ME-VR2	2021/22-4	Dry	5/3/2022 11:00:00 AM	5/12/2022 2:51:00 AM	Bis(2-chloroethyl)ether	n/a	<	0.27	µg/L	EPA 625.1	0.27	1	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
ME-VR2	2021/22-4	Dry	5/3/2022 11:00:00 AM	5/12/2022 2:51:00 AM	Bis(2-chloroisopropyl)ether	n/a	<	0.38	µg/L	EPA 625.1	0.38	1	WKL	
ME-VR2	2021/22-4	Dry	5/3/2022 11:00:00 AM	5/10/2022 7:41:00 PM	Bis(2-ethylhexyl)adipate	n/a	<	0.42	µg/L	EPA 525.2	0.42	5	WKL	
ME-VR2	2021/22-4	Dry	5/3/2022 11:00:00 AM	5/10/2022 7:41:00 PM	Bis(2-ethylhexyl)phthalate	n/a	<	0.41	µg/L	EPA 525.2	0.41	3	WKL	
ME-VR2	2021/22-4	Dry	5/3/2022 11:00:00 AM	5/12/2022 2:51:00 AM	Bis(2-ethylhexyl)phthalate	n/a	<	2.3	µg/L	EPA 625.1	2.3	5	WKL	
ME-VR2	2021/22-4	Dry	5/3/2022 11:00:00 AM	5/12/2022 2:51:00 AM	Butyl benzyl phthalate	n/a	<	0.49	µg/L	EPA 625.1	0.49	1	WKL	
ME-VR2	2021/22-4	Dry	5/3/2022 11:00:00 AM	5/12/2022 2:51:00 AM	Chrysene	n/a	<	0.19	µg/L	EPA 625.1	0.19	1	WKL	
ME-VR2	2021/22-4	Dry	5/3/2022 11:00:00 AM	5/14/2022 2:36:00 AM	Chrysene	n/a	<	0.074	µg/L	EPA 8270C	0.074	0.1	WKL	
ME-VR2	2021/22-4	Dry	5/3/2022 11:00:00 AM	5/14/2022 2:36:00 AM	Dibenz(a,h)anthracene	n/a	<	0.036	µg/L	EPA 8270C	0.036	0.1	WKL	
ME-VR2	2021/22-4	Dry	5/3/2022 11:00:00 AM	5/12/2022 2:51:00 AM	Dibenz(a,h)anthracene	n/a	<	0.15	µg/L	EPA 625.1	0.15	2	WKL	
ME-VR2	2021/22-4	Dry	5/3/2022 11:00:00 AM	5/12/2022 2:51:00 AM	Diethyl phthalate	n/a	<	0.35	µg/L	EPA 625.1	0.35	1	WKL	
ME-VR2	2021/22-4	Dry	5/3/2022 11:00:00 AM	5/12/2022 2:51:00 AM	Dimethyl phthalate	n/a	<	0.18	µg/L	EPA 625.1	0.18	1	WKL	
ME-VR2	2021/22-4	Dry	5/3/2022 11:00:00 AM	5/12/2022 2:51:00 AM	Di-n-butylphthalate	n/a	<	0.34	µg/L	EPA 625.1	0.34	1	WKL	
ME-VR2	2021/22-4	Dry	5/3/2022 11:00:00 AM	5/12/2022 2:51:00 AM	Di-n-octylphthalate	n/a	<	0.46	µg/L	EPA 625.1	0.46	1	WKL	
ME-VR2	2021/22-4	Dry	5/3/2022 11:00:00 AM	5/14/2022 2:36:00 AM	Fluoranthene	n/a	<	0.039	µg/L	EPA 8270C	0.039	0.1	WKL	
ME-VR2	2021/22-4	Dry	5/3/2022 11:00:00 AM	5/12/2022 2:51:00 AM	Fluoranthene	n/a	<	0.35	µg/L	EPA 625.1	0.35	1	WKL	
ME-VR2	2021/22-4	Dry	5/3/2022 11:00:00 AM	5/12/2022 2:51:00 AM	Fluorene	n/a	<	0.35	µg/L	EPA 625.1	0.35	1	WKL	
ME-VR2	2021/22-4	Dry	5/3/2022 11:00:00 AM	5/14/2022 2:36:00 AM	Fluorene	n/a	<	0.029	µg/L	EPA 8270C	0.029	0.1	WKL	
ME-VR2	2021/22-4	Dry	5/3/2022 11:00:00 AM	5/12/2022 2:51:00 AM	Hexachlorobenzene	n/a	<	0.49	µg/L	EPA 625.1	0.49	1	WKL	
ME-VR2	2021/22-4	Dry	5/3/2022 11:00:00 AM	5/12/2022 2:51:00 AM	Hexachlorobutadiene	n/a	<	0.47	µg/L	EPA 625.1	0.47	1	WKL	
ME-VR2	2021/22-4	Dry	5/3/2022 11:00:00 AM	5/10/2022 7:41:00 PM	Hexachlorocyclopentadiene	n/a	<	0.092	µg/L	EPA 525.2	0.092	1	WKL	
ME-VR2	2021/22-4	Dry	5/3/2022 11:00:00 AM	5/12/2022 2:51:00 AM	Hexachlorocyclopentadiene	n/a	<	0.31	µg/L	EPA 625.1	0.31	5	WKL	
ME-VR2	2021/22-4	Dry	5/3/2022 11:00:00 AM	5/12/2022 2:51:00 AM	Hexachloroethane	n/a	<	0.5	µg/L	EPA 625.1	0.5	1	WKL	
ME-VR2	2021/22-4	Dry	5/3/2022 11:00:00 AM	5/14/2022 2:36:00 AM	Indeno(1,2,3-cd)pyrene	n/a	<	0.065	µg/L	EPA 8270C	0.065	0.1	WKL	
ME-VR2	2021/22-4	Dry	5/3/2022 11:00:00 AM	5/12/2022 2:51:00 AM	Indeno(1,2,3-cd)pyrene	n/a	<	0.25	µg/L	EPA 625.1	0.25	2	WKL	
ME-VR2	2021/22-4	Dry	5/3/2022 11:00:00 AM	5/12/2022 2:51:00 AM	Isophorone	n/a	<	0.21	µg/L	EPA 625.1	0.21	1	WKL	
ME-VR2	2021/22-4	Dry	5/3/2022 11:00:00 AM	5/14/2022 2:36:00 AM	Naphthalene	n/a	<	0.026	µg/L	EPA 8270C	0.026	0.1	WKL	
ME-VR2	2021/22-4	Dry	5/3/2022 11:00:00 AM	5/12/2022 2:51:00 AM	Naphthalene	n/a	<	0.49	µg/L	EPA 625.1	0.49	1	WKL	
ME-VR2	2021/22-4	Dry	5/3/2022 11:00:00 AM	5/12/2022 2:51:00 AM	Nitrobenzene	n/a	<	0.36	µg/L	EPA 625.1	0.36	1	WKL	
ME-VR2	2021/22-4	Dry	5/3/2022 11:00:00 AM	5/12/2022 2:51:00 AM	N-Nitrosodimethylamine	n/a	<	0.5	µg/L	EPA 625.1	0.5	1	WKL	
ME-VR2	2021/22-4	Dry	5/3/2022 11:00:00 AM	5/12/2022 2:51:00 AM	N-Nitrosodi-N-propylamine	n/a	<	0.26	µg/L	EPA 625.1	0.26	1	WKL	
ME-VR2	2021/22-4	Dry	5/3/2022 11:00:00 AM	5/12/2022 2:51:00 AM	N-Nitrosodiphenylamine	n/a	<	0.19	µg/L	EPA 625.1	0.19	1	WKL	
ME-VR2	2021/22-4	Dry	5/3/2022 11:00:00 AM	5/14/2022 2:36:00 AM	Phenanthrene	n/a	<	0.029	µg/L	EPA 8270C	0.029	0.1	WKL	
ME-VR2	2021/22-4	Dry	5/3/2022 11:00:00 AM	5/12/2022 2:51:00 AM	Phenanthrene	n/a	<	0.32	µg/L	EPA 625.1	0.32	1	WKL	
ME-VR2	2021/22-4	Dry	5/3/2022 11:00:00 AM	5/26/2022 2:13:00 AM	Phenol	n/a	<	0.35	µg/L	EPA 8270C	0.35	1	WKL	
ME-VR2	2021/22-4	Dry	5/3/2022 11:00:00 AM	5/12/2022 2:51:00 AM	Phenol	n/a	<	0.81	µg/L	EPA 625.1	0.81	1	WKL	
ME-VR2	2021/22-4	Dry	5/3/2022 11:00:00 AM	5/12/2022 2:51:00 AM	Pyrene	n/a	<	0.25	µg/L	EPA 625.1	0.25	1	WKL	
ME-VR2	2021/22-4	Dry	5/3/2022 11:00:00 AM	5/14/2022 2:36:00 AM	Pyrene	n/a	<	0.04	µg/L	EPA 8270C	0.04	0.1	WKL	
ME-VR2	2021/22-4	Dry	5/3/2022 11:00:00 AM	6/10/2022 7:55:00 AM	PCB Aroclor 1016	n/a	<	0.5	µg/L	EPA 608.3	0.5	0.5	WKL	
ME-VR2	2021/22-4	Dry	5/3/2022 11:00:00 AM	6/10/2022 7:55:00 AM	PCB Aroclor 1221	n/a	<	0.5	µg/L	EPA 608.3	0.5	0.5	WKL	
ME-VR2	2021/22-4	Dry	5/3/2022 11:00:00 AM	6/10/2022 7:55:00 AM	PCB Aroclor 1232	n/a	<	0.5	µg/L	EPA 608.3	0.5	0.5	WKL	
ME-VR2	2021/22-4	Dry	5/3/2022 11:00:00 AM	6/10/2022 7:55:00 AM	PCB Aroclor 1242	n/a	<	0.5	µg/L	EPA 608.3	0.5	0.5	WKL	
ME-VR2	2021/22-4	Dry	5/3/2022 11:00:00 AM	6/10/2022 7:55:00 AM	PCB Aroclor 1248	n/a	<	0.5	µg/L	EPA 608.3	0.5	0.5	WKL	
ME-VR2	2021/22-4	Dry	5/3/2022 11:00:00 AM	6/10/2022 7:55:00 AM	PCB Aroclor 1254	n/a	<	0.5	µg/L	EPA 608.3	0.5	0.5	WKL	
ME-VR2	2021/22-4	Dry	5/3/2022 11:00:00 AM	6/10/2022 7:55:00 AM	PCB Aroclor 1260	n/a	<	0.5	µg/L	EPA 608.3	0.5	0.5	WKL	
ME-VR2	2021/22-4	Dry	5/3/2022 11:00:00 AM	5/12/2022 8:15:00 PM	2,4,5-T	n/a	<	0.03	µg/L	EPA 515.4	0.03	0.2	WKL	
ME-VR2	2021/22-4	Dry	5/3/2022 11:00:00 AM	5/12/2022 8:15:00 PM	2,4,5-TP	n/a	<	0.026	µg/L	EPA 515.4	0.026	0.2	WKL	
ME-VR2	2021/22-4	Dry	5/3/2022 11:00:00 AM	5/12/2022 8:15:00 PM	2,4-D	n/a	<	0.14	µg/L	EPA 515.4	0.14	0.4	WKL	
ME-VR2	2021/22-4	Dry	5/3/2022 11:00:00 AM	5/12/2022 8:15:00 PM	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-VR2	2021/22-4	Dry	5/3/2022 11:00:00 AM	5/12/2022 8:15:00 PM	3,5-Dichlorobenzoic acid	n/a	<	0.12	µg/L	EPA 515.4	0.12	1	WKL	
ME-VR2	2021/22-4	Dry	5/3/2022 11:00:00 AM	6/10/2022 7:55:00 AM	4,4'-DDD	n/a	<	0.0007	µg/L	EPA 608.3	0.0007	0.05	WKL	
ME-VR2	2021/22-4	Dry	5/3/2022 11:00:00 AM	6/10/2022 7:55:00 AM	4,4'-DDE	n/a	<	0.0007	µg/L	EPA 608.3	0.0007	0.05	WKL	
ME-VR2	2021/22-4	Dry	5/3/2022 11:00:00 AM	6/10/2022 7:55:00 AM	4,4'-DDT	n/a	<	0.0011	µg/L	EPA 608.3	0.0011	0.01	WKL	
ME-VR2	2021/22-4	Dry	5/3/2022 11:00:00 AM	5/12/2022 8:15:00 PM	Acifluorfen	n/a	<	0.03	µg/L	EPA 515.4	0.03	0.4	WKL	
ME-VR2	2021/22-4	Dry	5/3/2022 11:00:00 AM	5/10/2022 7:41:00 PM	Alachlor	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1	WKL	
ME-VR2	2021/22-4	Dry	5/3/2022 11:00:00 AM	6/10/2022 7:55:00 AM	Aldrin	n/a	<	0.001	µg/L	EPA 608.3	0.001	0.005	WKL	
ME-VR2	2021/22-4	Dry	5/3/2022 11:00:00 AM	6/10/2022 7:55:00 AM	alpha-BHC	n/a	<	0.0011	µg/L	EPA 608.3	0.0011	0.01	WKL	
ME-VR2	2021/22-4	Dry	5/3/2022 11:00:00 AM	6/10/2022 7:55:00 AM	alpha-Chlordane	n/a	<	0.0029	µg/L	EPA 608.3	0.0029	0.01	WKL	
ME-VR2	2021/22-4	Dry	5/3/2022 11:00:00 AM	5/10/2022 7:41:00 PM	Atrazine	n/a	<	0.011	µg/L	EPA 525.2	0.011	0.1	WKL	
ME-VR2	2021/22-4	Dry	5/3/2022 11:00:00 AM	5/26/2022 4:27:00 AM	Azinphos methyl	n/a	<	0.0053	µg/L	EPA 625.1m	0.0053	0.01	WKL	
ME-VR2	2021/22-4	Dry	5/3/2022 11:00:00 AM	5/12/2022 8:15:00 PM	Bentazon	n/a	<	0.23	µg/L	EPA 515.4	0.23	2	WKL	
ME-VR2	2021/22-4	Dry	5/3/2022 11:00:00 AM	6/10/2022 7:55:00 AM	beta-BHC	n/a	<	0.0015	µg/L	EPA 608.3	0.0015	0.005	WKL	
ME-VR2	2021/22-4	Dry	5/3/2022 11:00:00 AM	5/26/2022 4:27:00 AM	Bolstar	n/a	<	0.0027	µg/L	EPA 625.1m	0.0027	0.01	WKL	
ME-VR2	2021/22-4	Dry	5/3/2022 11:00:00 AM	5/10/2022 7:41:00 PM	Bromacil	n/a	<	0.07	µg/L	EPA 525.2	0.07	0.5	WKL	
ME-VR2	2021/22-4	Dry	5/3/2022 11:00:00 AM	5/10/2022 7:41:00 PM	Butachlor	n/a	<	0.012	µg/L	EPA 525.2	0.012	0.1	WKL	
ME-VR2	2021/22-4	Dry	5/3/2022 11:00:00 AM	5/10/2022 7:41:00 PM	Captan	n/a	<	0.32	µg/L	EPA 525.2	0.32	1	WKL	
ME-VR2	2021/22-4	Dry	5/3/2022 11:00:00 AM	6/10/2022 7:55:00 AM	Chlordane (technical)	n/a	<	0.043	µg/L	EPA 608.3	0.043	0.1	WKL	
ME-VR2	2021/22-4	Dry	5/3/2022 11:00:00 AM	5/10/2022 7:41:00 PM	Chlorpropham	n/a	<	0.04	µg/L	EPA 525.2	0.04	0.1	WKL	
ME-VR2	2021/22-4	Dry	5/3/2022 11:00:00 AM	5/26/2022 4:27:00 AM	Chlorpyrifos	n/a	<	0.0013	µg/L	EPA 625.1m	0.0013	0.01	WKL	
ME-VR2	2021/22-4	Dry	5/3/2022 11:00:00 AM	5/26/2022 4:27:00 AM	Coumaphos	n/a	<	0.0055	µg/L	EPA 625.1m	0.0055	0.01	WKL	
ME-VR2	2021/22-4	Dry	5/3/2022 11:00:00 AM	5/12/2022 8:15:00 PM	Dalapon	n/a	<	0.11	µg/L	EPA 515.4	0.11	0.4	WKL	
ME-VR2	2021/22-4	Dry	5/3/2022 11:00:00 AM	5/12/2022 8:15:00 PM	DCPA (Daacthal)	n/a	<	0.029	µg/L	EPA 515.4	0.029	0.1	WKL	
ME-VR2	2021/22-4	Dry	5/3/2022 11:00:00 AM	6/10/2022 7:55:00 AM	delta-BHC	n/a	<	0.0019	µg/L	EPA 608.3	0.0019	0.005	WKL	
ME-VR2	2021/22-4	Dry	5/3/2022 11:00:00 AM	5/26/2022 4:27:00 AM	Demeton-O	n/a	<	0.0019	µg/L	EPA 625.1m	0.0019	0.01	WKL	
ME-VR2	2021/22-4	Dry	5/3/2022 11:00:00 AM	5/26/2022 4:27:00 AM	Demeton-S	n/a	<	0.0014	µg/L	EPA 625.1m	0.0014	0.01	WKL	
ME-VR2	2021/22-4	Dry	5/3/2022 11:00:00 AM	5/10/2022 7:41:00 PM	Diazinon	n/a	<	0.022	µg/L	EPA 525.2	0.022	0.1	WKL	
ME-VR2	2021/22-4	Dry	5/3/2022 11:00:00 AM	5/26/2022 4:27:00 AM	Diazinon	n/a	<	0.001	µg/L	EPA 625.1m	0.001	0.01	WKL	
ME-VR2	2021/22-4	Dry	5/3/2022 11:00:00 AM	5/12/2022 8:15:00 PM	Dicamba	n/a	<	0.049	µg/L	EPA 515.4	0.049	0.6	WKL	
ME-VR2	2021/22-4	Dry	5/3/2022 11:00:00 AM	5/12/2022 8:15:00 PM	Dichlorprop	n/a	<	0.12	µg/L	EPA 515.4	0.12	0.3	WKL	
ME-VR2	2021/22-4	Dry	5/3/2022 11:00:00 AM	5/26/2022 4:27:00 AM	Dichlorvos	n/a	<	0.0009	µg/L	EPA 625.1m	0.0009	0.01	WKL	
ME-VR2	2021/22-4	Dry	5/3/2022 11:00:00 AM	6/10/2022 7:55:00 AM	Dieldrin	n/a	<	0.0008	µg/L	EPA 608.3	0.0008	0.01	WKL	
ME-VR2	2021/22-4	Dry	5/3/2022 11:00:00 AM	5/26/2022 4:27:00 AM	Dimethoate	n/a	<	0.0027	µg/L	EPA 625.1m	0.0027	0.01	WKL	
ME-VR2	2021/22-4	Dry	5/3/2022 11:00:00 AM	5/10/2022 7:41:00 PM	Dimethoate	n/a	<	0.02	µg/L	EPA 525.2	0.02	0.2	WKL	
ME-VR2	2021/22-4	Dry	5/3/2022 11:00:00 AM	5/12/2022 8:15:00 PM	Dinoseb	n/a	<	0.033	µg/L	EPA 515.4	0.033	0.4	WKL	
ME-VR2	2021/22-4	Dry	5/3/2022 11:00:00 AM	5/10/2022 7:41:00 PM	Diphenamid	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1	WKL	
ME-VR2	2021/22-4	Dry	5/3/2022 11:00:00 AM	5/26/2022 4:27:00 AM	Disulfoton	n/a	<	0.0017	µg/L	EPA 625.1m	0.0017	0.01	WKL	
ME-VR2	2021/22-4	Dry	5/3/2022 11:00:00 AM	5/10/2022 7:41:00 PM	Disulfoton	n/a	<	0.015	µg/L	EPA 525.2	0.015	0.1	WKL	
ME-VR2	2021/22-4	Dry	5/3/2022 11:00:00 AM	6/10/2022 7:55:00 AM	Endosulfan I	n/a	<	0.0009	µg/L	EPA 608.3	0.0009	0.02	WKL	
ME-VR2	2021/22-4	Dry	5/3/2022 11:00:00 AM	6/10/2022 7:55:00 AM	Endosulfan II	n/a	<	0.0007	µg/L	EPA 608.3	0.0007	0.01	WKL	
ME-VR2	2021/22-4	Dry	5/3/2022 11:00:00 AM	6/10/2022 7:55:00 AM	Endosulfan sulfate	n/a	<	0.0013	µg/L	EPA 608.3	0.0013	0.05	WKL	
ME-VR2	2021/22-4	Dry	5/3/2022 11:00:00 AM	6/10/2022 7:55:00 AM	Endrin	n/a	<	0.0017	µg/L	EPA 608.3	0.0017	0.01	WKL	
ME-VR2	2021/22-4	Dry	5/3/2022 11:00:00 AM	6/10/2022 7:55:00 AM	Endrin aldehyde	n/a	<	0.0019	µg/L	EPA 608.3	0.0019	0.01	WKL	
ME-VR2	2021/22-4	Dry	5/3/2022 11:00:00 AM	5/10/2022 7:41:00 PM	EPTC	n/a	<	0.02	µg/L	EPA 525.2	0.02	0.1	WKL	
ME-VR2	2021/22-4	Dry	5/3/2022 11:00:00 AM	5/26/2022 4:27:00 AM	Ethoprop	n/a	<	0.0006	µg/L	EPA 625.1m	0.0006	0.01	WKL	
ME-VR2	2021/22-4	Dry	5/3/2022 11:00:00 AM	5/26/2022 4:27:00 AM	Ethyl parathion	n/a	<	0.0022	µg/L	EPA 625.1m	0.0022	0.01	WKL	
ME-VR2	2021/22-4	Dry	5/3/2022 11:00:00 AM	5/26/2022 4:27:00 AM	Fensulfthion	n/a	<	0.0029	µg/L	EPA 625.1m	0.0029	0.01	WKL	
ME-VR2	2021/22-4	Dry	5/3/2022 11:00:00 AM	5/26/2022 4:27:00 AM	Fenthion	n/a	<	0.0021	µg/L	EPA 625.1m	0.0021	0.01	WKL	LB-LCSR

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
ME-VR2	2021/22-4	Dry	5/3/2022 11:00:00 AM	6/10/2022 7:55:00 AM	gamma-BHC (Lindane)	n/a	<	0.0004	µg/L	EPA 608.3	0.0004	0.02	WKL	
ME-VR2	2021/22-4	Dry	5/3/2022 11:00:00 AM	6/10/2022 7:55:00 AM	gamma-Chlordane	n/a	<	0.0023	µg/L	EPA 608.3	0.0023	0.01	WKL	
ME-VR2	2021/22-4	Dry	5/3/2022 11:00:00 AM	5/4/2022 4:36:00 PM	Glyphosate	n/a	<	1.8	µg/L	EPA 547	1.8	5	WKL	
ME-VR2	2021/22-4	Dry	5/3/2022 11:00:00 AM	6/10/2022 7:55:00 AM	Heptachlor	n/a	<	0.0006	µg/L	EPA 608.3	0.0006	0.01	WKL	
ME-VR2	2021/22-4	Dry	5/3/2022 11:00:00 AM	6/10/2022 7:55:00 AM	Heptachlor epoxide	n/a	<	0.0004	µg/L	EPA 608.3	0.0004	0.01	WKL	
ME-VR2	2021/22-4	Dry	5/3/2022 11:00:00 AM	5/26/2022 4:27:00 AM	Malathion	n/a	<	0.0021	µg/L	EPA 625.1m	0.0021	0.01	WKL	
ME-VR2	2021/22-4	Dry	5/3/2022 11:00:00 AM	5/26/2022 4:27:00 AM	Merphos	n/a	<	0.0055	µg/L	EPA 625.1m	0.0055	0.01	WKL	
ME-VR2	2021/22-4	Dry	5/3/2022 11:00:00 AM	5/26/2022 4:27:00 AM	Methyl parathion	n/a	<	0.0013	µg/L	EPA 625.1m	0.0013	0.01	WKL	
ME-VR2	2021/22-4	Dry	5/3/2022 11:00:00 AM	5/10/2022 7:41:00 PM	Metolachlor	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1	WKL	
ME-VR2	2021/22-4	Dry	5/3/2022 11:00:00 AM	5/10/2022 7:41:00 PM	Metribuzin	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1	WKL	
ME-VR2	2021/22-4	Dry	5/3/2022 11:00:00 AM	5/26/2022 4:27:00 AM	Mevinphos	n/a	<	0.0013	µg/L	EPA 625.1m	0.0013	0.01	WKL	
ME-VR2	2021/22-4	Dry	5/3/2022 11:00:00 AM	5/10/2022 7:41:00 PM	Molinate	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1	WKL	
ME-VR2	2021/22-4	Dry	5/3/2022 11:00:00 AM	5/26/2022 4:27:00 AM	Naled	n/a	<	0.0007	µg/L	EPA 625.1m	0.0007	0.01	WKL	
ME-VR2	2021/22-4	Dry	5/3/2022 11:00:00 AM	5/26/2022 4:13:00 AM	Pentachlorophenol	n/a	<	0.15	µg/L	EPA 8270C	0.15	1	WKL	
ME-VR2	2021/22-4	Dry	5/3/2022 11:00:00 AM	5/12/2022 8:15:00 PM	Pentachlorophenol	n/a	<	0.046	µg/L	EPA 515.4	0.046	0.2	WKL	
ME-VR2	2021/22-4	Dry	5/3/2022 11:00:00 AM	5/12/2022 2:51:00 AM	Pentachlorophenol	n/a	<	0.4	µg/L	EPA 625.1	0.4	1	WKL	
ME-VR2	2021/22-4	Dry	5/3/2022 11:00:00 AM	5/26/2022 4:27:00 AM	Phorate	n/a	<	0.0014	µg/L	EPA 625.1m	0.0014	0.01	WKL	
ME-VR2	2021/22-4	Dry	5/3/2022 11:00:00 AM	5/12/2022 8:15:00 PM	Picloram	n/a	<	0.05	µg/L	EPA 515.4	0.05	0.6	WKL	
ME-VR2	2021/22-4	Dry	5/3/2022 11:00:00 AM	5/10/2022 7:41:00 PM	Prometryn	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1	WKL	
ME-VR2	2021/22-4	Dry	5/3/2022 11:00:00 AM	5/26/2022 4:27:00 AM	Ronnel (Fenchlorphos)	n/a	<	0.0014	µg/L	EPA 625.1m	0.0014	0.01	WKL	
ME-VR2	2021/22-4	Dry	5/3/2022 11:00:00 AM	5/10/2022 7:41:00 PM	Simazine	n/a	<	0.02	µg/L	EPA 525.2	0.02	0.1	WKL	
ME-VR2	2021/22-4	Dry	5/3/2022 11:00:00 AM	5/26/2022 4:27:00 AM	Stirophos (Tetrachlorvinphos)	n/a	<	0.0024	µg/L	EPA 625.1m	0.0024	0.01	WKL	
ME-VR2	2021/22-4	Dry	5/3/2022 11:00:00 AM	5/10/2022 7:41:00 PM	Terbacil	n/a	<	0.09	µg/L	EPA 525.2	0.09	2	WKL	
ME-VR2	2021/22-4	Dry	5/3/2022 11:00:00 AM	5/10/2022 7:41:00 PM	Thiobencarb	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1	WKL	
ME-VR2	2021/22-4	Dry	5/3/2022 11:00:00 AM	5/26/2022 4:27:00 AM	Tokuthion	n/a	<	0.0022	µg/L	EPA 625.1m	0.0022	0.01	WKL	
ME-VR2	2021/22-4	Dry	5/3/2022 11:00:00 AM	6/10/2022 7:55:00 AM	Toxaphene	n/a	<	0.085	µg/L	EPA 608.3	0.085	0.5	WKL	
ME-VR2	2021/22-4	Dry	5/3/2022 11:00:00 AM	5/26/2022 4:27:00 AM	Trichloronate	n/a	<	0.0016	µg/L	EPA 625.1m	0.0016	0.01	WKL	LB-LCSR
ME-VR2	2021/22-4	Dry	5/3/2022 11:00:00 AM	5/10/2022 7:41:00 PM	Trithion	n/a	<	0.02	µg/L	EPA 525.2	0.02	0.1	WKL	
MO-CAM	2021/22-1	Wet	10/25/2021 11:00:00 AM	10/26/2021 1:35:00 PM	E. Coli	n/a	=	17329	MPN/100 mL	MMO-MUG	10	10	FGL	
MO-CAM	2021/22-1	Wet	10/25/2021 11:00:00 AM	10/26/2021 1:35:00 PM	Total Coliform	n/a	=	816400	MPN/100 mL	MMO-MUG	1000	1000	FGL	
MO-CAM	2021/22-1	Wet	10/25/2021 11:00:00 AM	10/25/2021 11:00:00 AM	Conductivity	n/a	=	96.5	µmhos/cm	Field Meter	-88	1	Field Crew	
MO-CAM	2021/22-1	Wet	10/25/2021 11:00:00 AM	10/28/2021 2:32:00 PM	Cyanide	Total	=	0.0024	mg/L	ASTM D7511	0.0012	0.002	WKL	
MO-CAM	2021/22-1	Wet	10/25/2021 11:00:00 AM	10/25/2021 11:00:00 AM	DO	n/a	=	98.3	%	Field Meter	-88	0.1	Field Crew	
MO-CAM	2021/22-1	Wet	10/25/2021 11:00:00 AM	10/25/2021 11:00:00 AM	DO	n/a	=	9.51	mg/L	Field Meter	-88	0.3	Field Crew	
MO-CAM	2021/22-1	Wet	10/25/2021 11:00:00 AM	10/25/2021 11:00:00 AM	pH	n/a	=	6.89	pH Units	Field Meter	-88	0.01	Field Crew	
MO-CAM	2021/22-1	Wet	10/25/2021 11:00:00 AM	10/25/2021 11:00:00 AM	Salinity	n/a	=	100	mg/L	Field Meter	-88	100	Field Crew	
MO-CAM	2021/22-1	Wet	10/25/2021 11:00:00 AM	10/25/2021 11:00:00 AM	Specific Conductance	n/a	=	120	µmhos/cm	Field Meter	-88	1	Field Crew	
MO-CAM	2021/22-1	Wet	10/25/2021 11:00:00 AM	10/25/2021 11:00:00 AM	Temperature	n/a	=	21.1	°C	Field Meter	-88	0.1	Field Crew	
MO-CAM	2021/22-1	Wet	10/25/2021 11:00:00 AM	10/31/2021 7:14:00 PM	Gasoline Range Organics	n/a	<	0.065	mg/L	EPA 8260B	0.065	0.1	WKL	
MO-CAM	2021/22-1	Wet	10/25/2021 11:00:00 AM	11/11/2021 9:26:00 AM	Oil and Grease	n/a	<	1.3	mg/L	EPA 1664B	1.3	5	WKL	
MO-CAM	2021/22-1	Wet	10/25/2021 11:00:00 AM	10/27/2021 3:26:00 PM	2-Chloroethyl vinyl ether	n/a	<	0.95	µg/L	EPA 624.1	0.95	5	WKL	DG
MO-CAM	2021/22-1	Wet	10/25/2021 11:00:00 AM	10/27/2021 3:26:00 PM	Methyl tert-butyl ether (MTBE)	n/a	<	2	µg/L	EPA 624.1	2	5	WKL	DG
MO-CAM	2021/22-1	Wet	10/25/2021 4:03:00 PM	11/13/2021 5:20:00 AM	Chloride	n/a	=	11	mg/L	EPA 300.0	0.38	1	WKL	
MO-CAM	2021/22-1	Wet	10/25/2021 4:03:00 PM	11/13/2021 5:20:00 AM	Fluoride	n/a	DNQ	0.094	mg/L	EPA 300.0	0.018	0.2	WKL	
MO-CAM	2021/22-1	Wet	10/25/2021 4:03:00 PM	10/30/2021 10:36:00 PM	Perchlorate	n/a	<	2	µg/L	EPA 314.0	2	10	WKL	
MO-CAM	2021/22-1	Wet	10/25/2021 4:03:00 PM	11/17/2021 5:46:00 PM	Calcium	Total	=	15.4	mg/L	EPA 200.7	0.16	0.5	WKL	
MO-CAM	2021/22-1	Wet	10/25/2021 4:03:00 PM	11/17/2021 5:46:00 PM	Magnesium	Total	=	4.69	mg/L	EPA 200.7	0.039	0.5	WKL	
MO-CAM	2021/22-1	Wet	10/25/2021 4:03:00 PM	10/29/2021 11:41:00 AM	Alkalinity as CaCO3	n/a	=	30	mg/L	SM 2320 B	2.3	5	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-CAM	2021/22-1	Wet	10/25/2021 4:03:00 PM	11/1/2021 12:39:00 PM	BOD	n/a	=	17	mg/L	SM 5210 B	2	2	WKL	
MO-CAM	2021/22-1	Wet	10/25/2021 4:03:00 PM	11/10/2021 11:20:00 AM	COD	n/a	=	130	mg/L	EPA 410.4	2.9	5	WKL	
MO-CAM	2021/22-1	Wet	10/25/2021 4:03:00 PM	11/17/2021 5:46:00 PM	Hardness as CaCO3	Total	=	57.7	mg/L	EPA 200.7	0.56	3.31	WKL	
MO-CAM	2021/22-1	Wet	10/25/2021 4:03:00 PM	10/26/2021 6:30:00 PM	MBAS	n/a	=	0.12	mg/L	SM 5540 C	0.013	0.05	WKL	
MO-CAM	2021/22-1	Wet	10/25/2021 4:03:00 PM	11/10/2021 2:11:00 PM	Phenolics	n/a	=	0.027	mg/L	EPA 420.4	0.0042	0.01	WKL	
MO-CAM	2021/22-1	Wet	10/25/2021 4:03:00 PM	10/30/2021 11:35:00 AM	Specific Conductance	n/a	=	140	µmhos/cm	SM 2510 B	1.1	2	WKL	
MO-CAM	2021/22-1	Wet	10/25/2021 4:03:00 PM	10/31/2021 10:10:00 AM	Total Dissolved Solids	n/a	=	100	mg/L	SM 2540 C	4	10	WKL	
MO-CAM	2021/22-1	Wet	10/25/2021 4:03:00 PM	11/5/2021 11:51:00 AM	Total Organic Carbon	n/a	=	17	mg/L	SM 5310 B	0.19	0.3	WKL	
MO-CAM	2021/22-1	Wet	10/25/2021 4:03:00 PM	10/28/2021 7:27:00 PM	Total Suspended Solids	n/a	=	490	mg/L	SM 2540 D	-88	5	WKL	
MO-CAM	2021/22-1	Wet	10/25/2021 4:03:00 PM	10/26/2021 7:34:00 PM	Turbidity	n/a	=	46	NTU	EPA 180.1	0.085	0.5	WKL	
MO-CAM	2021/22-1	Wet	10/25/2021 4:03:00 PM	10/28/2021 7:07:00 PM	Volatile Suspended Solids	n/a	=	130	mg/L	EPA 160.4	3.1	5	WKL	
MO-CAM	2021/22-1	Wet	10/25/2021 4:03:00 PM	11/11/2021 12:26:00 AM	Diesel Range Organics	n/a	=	0.62	mg/L	EPA 8015B	0.064	0.2	WKL	
MO-CAM	2021/22-1	Wet	10/25/2021 4:03:00 PM	11/11/2021 12:26:00 AM	Oil Range Organics	n/a	<	0.66	mg/L	EPA 8015B	0.66	1	WKL	
MO-CAM	2021/22-1	Wet	10/25/2021 4:03:00 PM	11/11/2021 6:00:00 PM	Aluminum	Dissolved	=	44	µg/L	EPA 200.8	4.4	20	WKL	
MO-CAM	2021/22-1	Wet	10/25/2021 4:03:00 PM	11/11/2021 6:03:00 PM	Aluminum	Total	=	5400	µg/L	EPA 200.8	4.4	20	WKL	
MO-CAM	2021/22-1	Wet	10/25/2021 4:03:00 PM	11/11/2021 6:00:00 PM	Antimony	Dissolved	=	0.66	µg/L	EPA 200.8	0.089	0.5	WKL	
MO-CAM	2021/22-1	Wet	10/25/2021 4:03:00 PM	11/11/2021 6:03:00 PM	Antimony	Total	=	1.9	µg/L	EPA 200.8	0.089	0.5	WKL	
MO-CAM	2021/22-1	Wet	10/25/2021 4:03:00 PM	11/11/2021 6:00:00 PM	Arsenic	Dissolved	=	0.79	µg/L	EPA 200.8	0.074	0.4	WKL	
MO-CAM	2021/22-1	Wet	10/25/2021 4:03:00 PM	11/11/2021 6:03:00 PM	Arsenic	Total	=	3.3	µg/L	EPA 200.8	0.074	0.4	WKL	
MO-CAM	2021/22-1	Wet	10/25/2021 4:03:00 PM	11/11/2021 6:03:00 PM	Barium	Total	=	97	µg/L	EPA 200.8	0.14	1	WKL	
MO-CAM	2021/22-1	Wet	10/25/2021 4:03:00 PM	11/11/2021 6:00:00 PM	Beryllium	Dissolved	<	0.062	µg/L	EPA 200.8	0.062	0.1	WKL	
MO-CAM	2021/22-1	Wet	10/25/2021 4:03:00 PM	11/11/2021 6:03:00 PM	Beryllium	Total	=	0.2	µg/L	EPA 200.8	0.062	0.1	WKL	
MO-CAM	2021/22-1	Wet	10/25/2021 4:03:00 PM	11/11/2021 6:00:00 PM	Cadmium	Dissolved	<	0.042	µg/L	EPA 200.8	0.042	0.2	WKL	
MO-CAM	2021/22-1	Wet	10/25/2021 4:03:00 PM	11/11/2021 6:03:00 PM	Cadmium	Total	=	0.53	µg/L	EPA 200.8	0.042	0.2	WKL	
MO-CAM	2021/22-1	Wet	10/25/2021 4:03:00 PM	11/11/2021 6:00:00 PM	Chromium	Dissolved	=	0.77	µg/L	EPA 200.8	0.089	0.2	WKL	UL-MB
MO-CAM	2021/22-1	Wet	10/25/2021 4:03:00 PM	11/11/2021 6:03:00 PM	Chromium	Total	=	12	µg/L	EPA 200.8	0.089	0.2	WKL	
MO-CAM	2021/22-1	Wet	10/25/2021 4:03:00 PM	11/2/2021 3:10:00 PM	Chromium VI	n/a	=	0.43	µg/L	EPA 218.6	0.0079	0.02	WKL	
MO-CAM	2021/22-1	Wet	10/25/2021 4:03:00 PM	11/11/2021 6:00:00 PM	Copper	Dissolved	=	7.9	µg/L	EPA 200.8	0.23	0.5	WKL	
MO-CAM	2021/22-1	Wet	10/25/2021 4:03:00 PM	11/11/2021 6:03:00 PM	Copper	Total	=	57	µg/L	EPA 200.8	0.23	0.5	WKL	
MO-CAM	2021/22-1	Wet	10/25/2021 4:03:00 PM	11/11/2021 6:00:00 PM	Iron	Dissolved	=	94	µg/L	EPA 200.8	3.9	20	WKL	
MO-CAM	2021/22-1	Wet	10/25/2021 4:03:00 PM	11/11/2021 6:03:00 PM	Iron	Total	=	8200	µg/L	EPA 200.8	3.9	20	WKL	
MO-CAM	2021/22-1	Wet	10/25/2021 4:03:00 PM	11/11/2021 6:00:00 PM	Lead	Dissolved	=	0.56	µg/L	EPA 200.8	0.083	0.2	WKL	
MO-CAM	2021/22-1	Wet	10/25/2021 4:03:00 PM	11/11/2021 6:03:00 PM	Lead	Total	=	14	µg/L	EPA 200.8	0.083	0.2	WKL	
MO-CAM	2021/22-1	Wet	10/25/2021 4:03:00 PM	11/5/2021 5:26:00 PM	Mercury	Dissolved	DNQ	22	ng/L	EPA 245.1	17	50	WKL	UL-MB
MO-CAM	2021/22-1	Wet	10/25/2021 4:03:00 PM	11/5/2021 5:28:00 PM	Mercury	Total	DNQ	41	ng/L	EPA 245.1	17	50	WKL	
MO-CAM	2021/22-1	Wet	10/25/2021 4:03:00 PM	11/11/2021 6:00:00 PM	Nickel	Dissolved	=	2.8	µg/L	EPA 200.8	0.16	2	WKL	
MO-CAM	2021/22-1	Wet	10/25/2021 4:03:00 PM	11/11/2021 6:03:00 PM	Nickel	Total	=	14	µg/L	EPA 200.8	0.16	2	WKL	
MO-CAM	2021/22-1	Wet	10/25/2021 4:03:00 PM	11/11/2021 6:00:00 PM	Selenium	Dissolved	DNQ	0.19	µg/L	EPA 200.8	0.067	0.4	WKL	
MO-CAM	2021/22-1	Wet	10/25/2021 4:03:00 PM	11/11/2021 6:03:00 PM	Selenium	Total	DNQ	0.33	µg/L	EPA 200.8	0.067	0.4	WKL	
MO-CAM	2021/22-1	Wet	10/25/2021 4:03:00 PM	11/11/2021 6:00:00 PM	Silver	Dissolved	<	0.03	µg/L	EPA 200.8	0.03	0.2	WKL	
MO-CAM	2021/22-1	Wet	10/25/2021 4:03:00 PM	11/11/2021 6:03:00 PM	Silver	Total	DNQ	0.087	µg/L	EPA 200.8	0.03	0.2	WKL	
MO-CAM	2021/22-1	Wet	10/25/2021 4:03:00 PM	11/11/2021 6:00:00 PM	Thallium	Dissolved	<	0.021	µg/L	EPA 200.8	0.021	0.2	WKL	
MO-CAM	2021/22-1	Wet	10/25/2021 4:03:00 PM	11/11/2021 6:03:00 PM	Thallium	Total	DNQ	0.08	µg/L	EPA 200.8	0.021	0.2	WKL	
MO-CAM	2021/22-1	Wet	10/25/2021 4:03:00 PM	11/11/2021 6:00:00 PM	Zinc	Dissolved	=	38	µg/L	EPA 200.8	0.8	10	WKL	
MO-CAM	2021/22-1	Wet	10/25/2021 4:03:00 PM	11/11/2021 6:03:00 PM	Zinc	Total	=	270	µg/L	EPA 200.8	0.8	10	WKL	
MO-CAM	2021/22-1	Wet	10/25/2021 4:03:00 PM	10/27/2021 4:27:00 PM	Ammonia as N	n/a	=	0.66	mg/L	EPA 350.1	0.047	0.1	WKL	
MO-CAM	2021/22-1	Wet	10/25/2021 4:03:00 PM	10/28/2021 4:12:00 PM	Nitrate + Nitrite as N	n/a	=	0.89	mg/L	EPA 353.2	0.036	0.2	WKL	
MO-CAM	2021/22-1	Wet	10/25/2021 4:03:00 PM	11/17/2021 5:43:00 PM	Phosphorus as P	Dissolved	=	0.42	mg/L	EPA 200.7	0.018	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-CAM	2021/22-1	Wet	10/25/2021 4:03:00 PM	11/17/2021 5:46:00 PM	Phosphorus as P	Total	=	1.1	mg/L	EPA 200.7	0.018	0.05	WKL	
MO-CAM	2021/22-1	Wet	10/25/2021 4:03:00 PM	11/9/2021 3:10:00 PM	TKN	n/a	=	3.8	mg/L	EPA 351.2	0.13	0.2	WKL	
MO-CAM	2021/22-1	Wet	10/25/2021 4:03:00 PM	11/22/2021 8:30:00 PM	1,2,4-Trichlorobenzene	n/a	<	0.98	µg/L	EPA 625.1	0.98	2	WKL	
MO-CAM	2021/22-1	Wet	10/25/2021 4:03:00 PM	11/22/2021 8:30:00 PM	1,2-Dichlorobenzene	n/a	<	0.92	µg/L	EPA 625.1	0.92	2	WKL	
MO-CAM	2021/22-1	Wet	10/25/2021 4:03:00 PM	11/22/2021 8:30:00 PM	1,2-Diphenylhydrazine	n/a	<	0.6	µg/L	EPA 625.1	0.6	2	WKL	
MO-CAM	2021/22-1	Wet	10/25/2021 4:03:00 PM	11/22/2021 8:30:00 PM	1,3-Dichlorobenzene	n/a	<	0.84	µg/L	EPA 625.1	0.84	2	WKL	
MO-CAM	2021/22-1	Wet	10/25/2021 4:03:00 PM	11/22/2021 8:30:00 PM	1,4-Dichlorobenzene	n/a	<	0.96	µg/L	EPA 625.1	0.96	2	WKL	
MO-CAM	2021/22-1	Wet	10/25/2021 4:03:00 PM	11/17/2021 8:00:00 AM	1-Methylnaphthalene	n/a	<	0.048	µg/L	EPA 8270C	0.048	0.2	WKL	
MO-CAM	2021/22-1	Wet	10/25/2021 4:03:00 PM	11/19/2021 9:01:00 PM	2,4,5-Trichlorophenol	n/a	<	0.58	µg/L	EPA 8270C	0.58	2	WKL	
MO-CAM	2021/22-1	Wet	10/25/2021 4:03:00 PM	11/22/2021 8:30:00 PM	2,4,6-Trichlorophenol	n/a	<	0.44	µg/L	EPA 625.1	0.44	2	WKL	
MO-CAM	2021/22-1	Wet	10/25/2021 4:03:00 PM	11/19/2021 9:01:00 PM	2,4,6-Trichlorophenol	n/a	<	0.6	µg/L	EPA 8270C	0.6	2	WKL	
MO-CAM	2021/22-1	Wet	10/25/2021 4:03:00 PM	11/22/2021 8:30:00 PM	2,4-Dichlorophenol	n/a	<	0.52	µg/L	EPA 625.1	0.52	2	WKL	
MO-CAM	2021/22-1	Wet	10/25/2021 4:03:00 PM	11/19/2021 9:01:00 PM	2,4-Dichlorophenol	n/a	<	1	µg/L	EPA 8270C	1	2	WKL	
MO-CAM	2021/22-1	Wet	10/25/2021 4:03:00 PM	11/22/2021 8:30:00 PM	2,4-Dimethylphenol	n/a	<	1.5	µg/L	EPA 625.1	1.5	2	WKL	
MO-CAM	2021/22-1	Wet	10/25/2021 4:03:00 PM	11/19/2021 9:01:00 PM	2,4-Dimethylphenol	n/a	<	2	µg/L	EPA 8270C	2	4	WKL	
MO-CAM	2021/22-1	Wet	10/25/2021 4:03:00 PM	11/22/2021 8:30:00 PM	2,4-Dinitrophenol	n/a	<	3.7	µg/L	EPA 625.1	3.7	20	WKL	
MO-CAM	2021/22-1	Wet	10/25/2021 4:03:00 PM	11/19/2021 9:01:00 PM	2,4-Dinitrophenol	n/a	<	2	µg/L	EPA 8270C	2	4	WKL	
MO-CAM	2021/22-1	Wet	10/25/2021 4:03:00 PM	11/22/2021 8:30:00 PM	2,4-Dinitrotoluene	n/a	<	0.92	µg/L	EPA 625.1	0.92	2	WKL	
MO-CAM	2021/22-1	Wet	10/25/2021 4:03:00 PM	11/22/2021 8:30:00 PM	2,6-Dinitrotoluene	n/a	<	0.54	µg/L	EPA 625.1	0.54	2	WKL	
MO-CAM	2021/22-1	Wet	10/25/2021 4:03:00 PM	11/22/2021 8:30:00 PM	2-Chloronaphthalene	n/a	<	0.9	µg/L	EPA 625.1	0.9	2	WKL	
MO-CAM	2021/22-1	Wet	10/25/2021 4:03:00 PM	11/19/2021 9:01:00 PM	2-Chlorophenol	n/a	<	1.3	µg/L	EPA 8270C	1.3	2	WKL	
MO-CAM	2021/22-1	Wet	10/25/2021 4:03:00 PM	11/22/2021 8:30:00 PM	2-Chlorophenol	n/a	<	0.56	µg/L	EPA 625.1	0.56	2	WKL	
MO-CAM	2021/22-1	Wet	10/25/2021 4:03:00 PM	11/17/2021 8:00:00 AM	2-Methylnaphthalene	n/a	<	0.052	µg/L	EPA 8270C	0.052	0.2	WKL	
MO-CAM	2021/22-1	Wet	10/25/2021 4:03:00 PM	11/19/2021 9:01:00 PM	2-Methylphenol	n/a	<	0.68	µg/L	EPA 8270C	0.68	2	WKL	
MO-CAM	2021/22-1	Wet	10/25/2021 4:03:00 PM	11/19/2021 9:01:00 PM	2-Nitrophenol	n/a	<	1.4	µg/L	EPA 8270C	1.4	2	WKL	
MO-CAM	2021/22-1	Wet	10/25/2021 4:03:00 PM	11/22/2021 8:30:00 PM	2-Nitrophenol	n/a	<	0.52	µg/L	EPA 625.1	0.52	2	WKL	
MO-CAM	2021/22-1	Wet	10/25/2021 4:03:00 PM	11/22/2021 8:30:00 PM	3,3'-Dichlorobenzidine	n/a	<	5	µg/L	EPA 625.1	5	10	WKL	
MO-CAM	2021/22-1	Wet	10/25/2021 4:03:00 PM	11/19/2021 9:01:00 PM	3-/4-Methylphenol	n/a	<	0.6	µg/L	EPA 8270C	0.6	2	WKL	
MO-CAM	2021/22-1	Wet	10/25/2021 4:03:00 PM	11/19/2021 9:01:00 PM	4,6-Dinitro-2-methylphenol	n/a	<	0.28	µg/L	EPA 8270C	0.28	2	WKL	
MO-CAM	2021/22-1	Wet	10/25/2021 4:03:00 PM	11/22/2021 8:30:00 PM	4,6-Dinitro-2-methylphenol	n/a	<	1	µg/L	EPA 625.1	1	10	WKL	
MO-CAM	2021/22-1	Wet	10/25/2021 4:03:00 PM	11/22/2021 8:30:00 PM	4-Bromophenyl phenyl ether	n/a	<	0.72	µg/L	EPA 625.1	0.72	2	WKL	
MO-CAM	2021/22-1	Wet	10/25/2021 4:03:00 PM	11/19/2021 9:01:00 PM	4-Chloro-3-methylphenol	n/a	<	0.74	µg/L	EPA 8270C	0.74	2	WKL	
MO-CAM	2021/22-1	Wet	10/25/2021 4:03:00 PM	11/22/2021 8:30:00 PM	4-Chloro-3-methylphenol	n/a	<	0.46	µg/L	EPA 625.1	0.46	2	WKL	
MO-CAM	2021/22-1	Wet	10/25/2021 4:03:00 PM	11/22/2021 8:30:00 PM	4-Chlorophenyl phenyl ether	n/a	<	0.82	µg/L	EPA 625.1	0.82	2	WKL	
MO-CAM	2021/22-1	Wet	10/25/2021 4:03:00 PM	11/19/2021 9:01:00 PM	4-Nitrophenol	n/a	<	2	µg/L	EPA 8270C	2	4	WKL	
MO-CAM	2021/22-1	Wet	10/25/2021 4:03:00 PM	11/22/2021 8:30:00 PM	4-Nitrophenol	n/a	<	2.5	µg/L	EPA 625.1	2.5	10	WKL	
MO-CAM	2021/22-1	Wet	10/25/2021 4:03:00 PM	11/17/2021 8:00:00 AM	Acenaphthene	n/a	<	0.056	µg/L	EPA 8270C	0.056	0.2	WKL	
MO-CAM	2021/22-1	Wet	10/25/2021 4:03:00 PM	11/22/2021 8:30:00 PM	Acenaphthene	n/a	<	0.76	µg/L	EPA 625.1	0.76	2	WKL	
MO-CAM	2021/22-1	Wet	10/25/2021 4:03:00 PM	11/17/2021 8:00:00 AM	Acenaphthylene	n/a	<	0.066	µg/L	EPA 8270C	0.066	0.2	WKL	
MO-CAM	2021/22-1	Wet	10/25/2021 4:03:00 PM	11/22/2021 8:30:00 PM	Acenaphthylene	n/a	<	0.7	µg/L	EPA 625.1	0.7	2	WKL	
MO-CAM	2021/22-1	Wet	10/25/2021 4:03:00 PM	11/22/2021 8:30:00 PM	Anthracene	n/a	<	0.82	µg/L	EPA 625.1	0.82	2	WKL	
MO-CAM	2021/22-1	Wet	10/25/2021 4:03:00 PM	11/17/2021 8:00:00 AM	Anthracene	n/a	<	0.05	µg/L	EPA 8270C	0.05	0.2	WKL	
MO-CAM	2021/22-1	Wet	10/25/2021 4:03:00 PM	11/22/2021 8:30:00 PM	Benz(a)anthracene	n/a	<	0.38	µg/L	EPA 625.1	0.38	2	WKL	
MO-CAM	2021/22-1	Wet	10/25/2021 4:03:00 PM	11/17/2021 8:00:00 AM	Benz(a)anthracene	n/a	DNQ	0.14	µg/L	EPA 8270C	0.1	0.2	WKL	
MO-CAM	2021/22-1	Wet	10/25/2021 4:03:00 PM	11/22/2021 8:30:00 PM	Benidine	n/a	<	6.4	µg/L	EPA 625.1	6.4	20	WKL	
MO-CAM	2021/22-1	Wet	10/25/2021 4:03:00 PM	11/22/2021 8:30:00 PM	Benzo(a)pyrene	n/a	<	0.78	µg/L	EPA 625.1	0.78	2	WKL	
MO-CAM	2021/22-1	Wet	10/25/2021 4:03:00 PM	11/17/2021 8:00:00 AM	Benzo(a)pyrene	n/a	DNQ	0.18	µg/L	EPA 8270C	0.1	0.2	WKL	
MO-CAM	2021/22-1	Wet	10/25/2021 4:03:00 PM	11/10/2021 3:14:00 AM	Benzo(a)pyrene	n/a	DNQ	0.07	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-CAM	2021/22-1	Wet	10/25/2021 4:03:00 PM	11/17/2021 8:00:00 AM	Benzo(b)fluoranthene	n/a	=	0.23	µg/L	EPA 8270C	0.15	0.2	WKL	
MO-CAM	2021/22-1	Wet	10/25/2021 4:03:00 PM	11/22/2021 8:30:00 PM	Benzo(b)fluoranthene	n/a	<	0.92	µg/L	EPA 625.1	0.92	2	WKL	
MO-CAM	2021/22-1	Wet	10/25/2021 4:03:00 PM	11/17/2021 8:00:00 AM	Benzo(g,h,i)perylene	n/a	DNQ	0.13	µg/L	EPA 8270C	0.1	0.2	WKL	
MO-CAM	2021/22-1	Wet	10/25/2021 4:03:00 PM	11/22/2021 8:30:00 PM	Benzo(g,h,i)perylene	n/a	DNQ	0.92	µg/L	EPA 625.1	0.84	4	WKL	
MO-CAM	2021/22-1	Wet	10/25/2021 4:03:00 PM	11/22/2021 8:30:00 PM	Benzo(k)fluoranthene	n/a	<	0.44	µg/L	EPA 625.1	0.44	2	WKL	
MO-CAM	2021/22-1	Wet	10/25/2021 4:03:00 PM	11/17/2021 8:00:00 AM	Benzo(k)fluoranthene	n/a	DNQ	0.1	µg/L	EPA 8270C	0.052	0.2	WKL	
MO-CAM	2021/22-1	Wet	10/25/2021 4:03:00 PM	11/22/2021 8:30:00 PM	Bis(2-chloroethoxy)methane	n/a	<	0.5	µg/L	EPA 625.1	0.5	2	WKL	
MO-CAM	2021/22-1	Wet	10/25/2021 4:03:00 PM	11/22/2021 8:30:00 PM	Bis(2-chloroethyl)ether	n/a	<	0.54	µg/L	EPA 625.1	0.54	2	WKL	
MO-CAM	2021/22-1	Wet	10/25/2021 4:03:00 PM	11/22/2021 8:30:00 PM	Bis(2-chloroisopropyl)ether	n/a	<	0.76	µg/L	EPA 625.1	0.76	2	WKL	
MO-CAM	2021/22-1	Wet	10/25/2021 4:03:00 PM	11/10/2021 3:14:00 AM	Bis(2-ethylhexyl)adipate	n/a	<	0.42	µg/L	EPA 525.2	0.42	5	WKL	
MO-CAM	2021/22-1	Wet	10/25/2021 4:03:00 PM	11/10/2021 3:14:00 AM	Bis(2-ethylhexyl)phthalate	n/a	DNQ	1.2	µg/L	EPA 525.2	0.41	3	WKL	RPD, HB-LCSR
MO-CAM	2021/22-1	Wet	10/25/2021 4:03:00 PM	11/22/2021 8:30:00 PM	Bis(2-ethylhexyl)phthalate	n/a	<	4.6	µg/L	EPA 625.1	4.6	10	WKL	
MO-CAM	2021/22-1	Wet	10/25/2021 4:03:00 PM	11/22/2021 8:30:00 PM	Butyl benzyl phthalate	n/a	DNQ	1	µg/L	EPA 625.1	0.98	2	WKL	
MO-CAM	2021/22-1	Wet	10/25/2021 4:03:00 PM	11/22/2021 8:30:00 PM	Chrysene	n/a	<	0.38	µg/L	EPA 625.1	0.38	2	WKL	
MO-CAM	2021/22-1	Wet	10/25/2021 4:03:00 PM	11/17/2021 8:00:00 AM	Chrysene	n/a	<	0.15	µg/L	EPA 8270C	0.15	0.2	WKL	
MO-CAM	2021/22-1	Wet	10/25/2021 4:03:00 PM	11/22/2021 8:30:00 PM	Dibenz(a,h)anthracene	n/a	<	0.3	µg/L	EPA 625.1	0.3	4	WKL	
MO-CAM	2021/22-1	Wet	10/25/2021 4:03:00 PM	11/17/2021 8:00:00 AM	Dibenz(a,h)anthracene	n/a	DNQ	0.085	µg/L	EPA 8270C	0.072	0.2	WKL	
MO-CAM	2021/22-1	Wet	10/25/2021 4:03:00 PM	11/22/2021 8:30:00 PM	Diethyl phthalate	n/a	<	0.7	µg/L	EPA 625.1	0.7	2	WKL	
MO-CAM	2021/22-1	Wet	10/25/2021 4:03:00 PM	11/22/2021 8:30:00 PM	Dimethyl phthalate	n/a	<	0.36	µg/L	EPA 625.1	0.36	2	WKL	
MO-CAM	2021/22-1	Wet	10/25/2021 4:03:00 PM	11/22/2021 8:30:00 PM	Di-n-butylphthalate	n/a	<	0.68	µg/L	EPA 625.1	0.68	2	WKL	
MO-CAM	2021/22-1	Wet	10/25/2021 4:03:00 PM	11/22/2021 8:30:00 PM	Di-n-octylphthalate	n/a	<	0.92	µg/L	EPA 625.1	0.92	2	WKL	
MO-CAM	2021/22-1	Wet	10/25/2021 4:03:00 PM	11/17/2021 8:00:00 AM	Fluoranthene	n/a	DNQ	0.15	µg/L	EPA 8270C	0.078	0.2	WKL	
MO-CAM	2021/22-1	Wet	10/25/2021 4:03:00 PM	11/22/2021 8:30:00 PM	Fluoranthene	n/a	<	0.69	µg/L	EPA 625.1	0.69	2	WKL	
MO-CAM	2021/22-1	Wet	10/25/2021 4:03:00 PM	11/22/2021 8:30:00 PM	Fluorene	n/a	<	0.7	µg/L	EPA 625.1	0.7	2	WKL	
MO-CAM	2021/22-1	Wet	10/25/2021 4:03:00 PM	11/17/2021 8:00:00 AM	Fluorene	n/a	<	0.058	µg/L	EPA 8270C	0.058	0.2	WKL	
MO-CAM	2021/22-1	Wet	10/25/2021 4:03:00 PM	11/22/2021 8:30:00 PM	Hexachlorobenzene	n/a	<	0.98	µg/L	EPA 625.1	0.98	2	WKL	
MO-CAM	2021/22-1	Wet	10/25/2021 4:03:00 PM	11/22/2021 8:30:00 PM	Hexachlorobutadiene	n/a	<	0.94	µg/L	EPA 625.1	0.94	2	WKL	
MO-CAM	2021/22-1	Wet	10/25/2021 4:03:00 PM	11/22/2021 8:30:00 PM	Hexachlorocyclopentadiene	n/a	<	0.62	µg/L	EPA 625.1	0.62	10	WKL	
MO-CAM	2021/22-1	Wet	10/25/2021 4:03:00 PM	11/10/2021 3:14:00 AM	Hexachlorocyclopentadiene	n/a	<	0.092	µg/L	EPA 525.2	0.092	1	WKL	
MO-CAM	2021/22-1	Wet	10/25/2021 4:03:00 PM	11/22/2021 8:30:00 PM	Hexachloroethane	n/a	<	1	µg/L	EPA 625.1	1	2	WKL	
MO-CAM	2021/22-1	Wet	10/25/2021 4:03:00 PM	11/17/2021 8:00:00 AM	Indeno(1,2,3-cd)pyrene	n/a	DNQ	0.18	µg/L	EPA 8270C	0.13	0.2	WKL	
MO-CAM	2021/22-1	Wet	10/25/2021 4:03:00 PM	11/22/2021 8:30:00 PM	Indeno(1,2,3-cd)pyrene	n/a	<	0.49	µg/L	EPA 625.1	0.49	4	WKL	
MO-CAM	2021/22-1	Wet	10/25/2021 4:03:00 PM	11/22/2021 8:30:00 PM	Isophorone	n/a	<	0.42	µg/L	EPA 625.1	0.42	2	WKL	
MO-CAM	2021/22-1	Wet	10/25/2021 4:03:00 PM	11/22/2021 8:30:00 PM	Naphthalene	n/a	<	0.98	µg/L	EPA 625.1	0.98	2	WKL	
MO-CAM	2021/22-1	Wet	10/25/2021 4:03:00 PM	11/17/2021 8:00:00 AM	Naphthalene	n/a	<	0.052	µg/L	EPA 8270C	0.052	0.2	WKL	
MO-CAM	2021/22-1	Wet	10/25/2021 4:03:00 PM	11/22/2021 8:30:00 PM	Nitrobenzene	n/a	<	0.72	µg/L	EPA 625.1	0.72	2	WKL	
MO-CAM	2021/22-1	Wet	10/25/2021 4:03:00 PM	11/22/2021 8:30:00 PM	N-Nitrosodimethylamine	n/a	<	1	µg/L	EPA 625.1	1	2	WKL	
MO-CAM	2021/22-1	Wet	10/25/2021 4:03:00 PM	11/22/2021 8:30:00 PM	N-Nitrosodi-N-propylamine	n/a	<	0.52	µg/L	EPA 625.1	0.52	2	WKL	
MO-CAM	2021/22-1	Wet	10/25/2021 4:03:00 PM	11/22/2021 8:30:00 PM	N-Nitrosodiphenylamine	n/a	<	0.38	µg/L	EPA 625.1	0.38	2	WKL	
MO-CAM	2021/22-1	Wet	10/25/2021 4:03:00 PM	11/22/2021 8:30:00 PM	Phenanthrene	n/a	<	0.64	µg/L	EPA 625.1	0.64	2	WKL	
MO-CAM	2021/22-1	Wet	10/25/2021 4:03:00 PM	11/17/2021 8:00:00 AM	Phenanthrene	n/a	<	0.058	µg/L	EPA 8270C	0.058	0.2	WKL	
MO-CAM	2021/22-1	Wet	10/25/2021 4:03:00 PM	11/22/2021 8:30:00 PM	Phenol	n/a	<	1.6	µg/L	EPA 625.1	1.6	2	WKL	
MO-CAM	2021/22-1	Wet	10/25/2021 4:03:00 PM	11/19/2021 9:01:00 PM	Phenol	n/a	<	0.7	µg/L	EPA 8270C	0.7	2	WKL	
MO-CAM	2021/22-1	Wet	10/25/2021 4:03:00 PM	11/17/2021 8:00:00 AM	Pyrene	n/a	DNQ	0.16	µg/L	EPA 8270C	0.08	0.2	WKL	
MO-CAM	2021/22-1	Wet	10/25/2021 4:03:00 PM	11/22/2021 8:30:00 PM	Pyrene	n/a	<	0.5	µg/L	EPA 625.1	0.5	2	WKL	
MO-CAM	2021/22-1	Wet	10/25/2021 4:03:00 PM	12/7/2021 12:24:00 AM	PCB Aroclor 1016	n/a	<	2.5	µg/L	EPA 608.3	2.5	2.5	WKL	
MO-CAM	2021/22-1	Wet	10/25/2021 4:03:00 PM	12/7/2021 12:24:00 AM	PCB Aroclor 1221	n/a	<	2.5	µg/L	EPA 608.3	2.5	2.5	WKL	
MO-CAM	2021/22-1	Wet	10/25/2021 4:03:00 PM	12/7/2021 12:24:00 AM	PCB Aroclor 1232	n/a	<	2.5	µg/L	EPA 608.3	2.5	2.5	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-CAM	2021/22-1	Wet	10/25/2021 4:03:00 PM	12/7/2021 12:24:00 AM	PCB Aroclor 1242	n/a	<	2.5	µg/L	EPA 608.3	2.5	2.5	WKL	
MO-CAM	2021/22-1	Wet	10/25/2021 4:03:00 PM	12/7/2021 12:24:00 AM	PCB Aroclor 1248	n/a	<	2.5	µg/L	EPA 608.3	2.5	2.5	WKL	
MO-CAM	2021/22-1	Wet	10/25/2021 4:03:00 PM	12/7/2021 12:24:00 AM	PCB Aroclor 1254	n/a	<	2.5	µg/L	EPA 608.3	2.5	2.5	WKL	
MO-CAM	2021/22-1	Wet	10/25/2021 4:03:00 PM	12/7/2021 12:24:00 AM	PCB Aroclor 1260	n/a	<	2.5	µg/L	EPA 608.3	2.5	2.5	WKL	
MO-CAM	2021/22-1	Wet	10/25/2021 4:03:00 PM	11/8/2021 12:25:00 AM	2,4,5-T	n/a	<	0.03	µg/L	EPA 515.4	0.03	0.2	WKL	
MO-CAM	2021/22-1	Wet	10/25/2021 4:03:00 PM	11/8/2021 12:25:00 AM	2,4,5-TP	n/a	<	0.026	µg/L	EPA 515.4	0.026	0.2	WKL	
MO-CAM	2021/22-1	Wet	10/25/2021 4:03:00 PM	11/8/2021 12:25:00 AM	2,4-D	n/a	<	0.14	µg/L	EPA 515.4	0.14	0.4	WKL	
MO-CAM	2021/22-1	Wet	10/25/2021 4:03:00 PM	11/8/2021 12:25:00 AM	2,4-DB	n/a	<	2	µg/L	EPA 515.4	2	2	WKL	
MO-CAM	2021/22-1	Wet	10/25/2021 4:03:00 PM	11/8/2021 12:25:00 AM	3,5-Dichlorobenzoic acid	n/a	<	0.12	µg/L	EPA 515.4	0.12	1	WKL	
MO-CAM	2021/22-1	Wet	10/25/2021 4:03:00 PM	12/7/2021 12:24:00 AM	4,4'-DDD	n/a	<	0.0035	µg/L	EPA 608.3	0.0035	0.25	WKL	
MO-CAM	2021/22-1	Wet	10/25/2021 4:03:00 PM	12/7/2021 12:24:00 AM	4,4'-DDE	n/a	DNQ	0.034	µg/L	EPA 608.3	0.0035	0.25	WKL	
MO-CAM	2021/22-1	Wet	10/25/2021 4:03:00 PM	12/7/2021 12:24:00 AM	4,4'-DDT	n/a	DNQ	0.018	µg/L	EPA 608.3	0.0055	0.05	WKL	
MO-CAM	2021/22-1	Wet	10/25/2021 4:03:00 PM	11/8/2021 12:25:00 AM	Acifluorfen	n/a	<	0.03	µg/L	EPA 515.4	0.03	0.4	WKL	
MO-CAM	2021/22-1	Wet	10/25/2021 4:03:00 PM	11/10/2021 3:14:00 AM	Alachlor	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1	WKL	
MO-CAM	2021/22-1	Wet	10/25/2021 4:03:00 PM	12/7/2021 12:24:00 AM	Aldrin	n/a	<	0.005	µg/L	EPA 608.3	0.005	0.025	WKL	
MO-CAM	2021/22-1	Wet	10/25/2021 4:03:00 PM	12/7/2021 12:24:00 AM	alpha-BHC	n/a	<	0.0055	µg/L	EPA 608.3	0.0055	0.05	WKL	
MO-CAM	2021/22-1	Wet	10/25/2021 4:03:00 PM	12/7/2021 12:24:00 AM	alpha-Chlordane	n/a	<	0.014	µg/L	EPA 608.3	0.014	0.05	WKL	
MO-CAM	2021/22-1	Wet	10/25/2021 4:03:00 PM	11/10/2021 12:24:00 AM	Atrazine	n/a	<	0.011	µg/L	EPA 525.2	0.011	0.1	WKL	
MO-CAM	2021/22-1	Wet	10/25/2021 4:03:00 PM	11/5/2021 10:40:00 PM	Azinphos methyl	n/a	<	0.028	µg/L	EPA 625.1m	0.028	0.05	WKL	
MO-CAM	2021/22-1	Wet	10/25/2021 4:03:00 PM	11/8/2021 12:25:00 AM	Bentazon	n/a	<	2	µg/L	EPA 515.4	2	2	WKL	
MO-CAM	2021/22-1	Wet	10/25/2021 4:03:00 PM	12/7/2021 12:24:00 AM	beta-BHC	n/a	<	0.0075	µg/L	EPA 608.3	0.0075	0.025	WKL	
MO-CAM	2021/22-1	Wet	10/25/2021 4:03:00 PM	11/5/2021 10:40:00 PM	Bolstar	n/a	<	0.023	µg/L	EPA 625.1m	0.023	0.05	WKL	
MO-CAM	2021/22-1	Wet	10/25/2021 4:03:00 PM	11/10/2021 3:14:00 AM	Bromacil	n/a	<	0.07	µg/L	EPA 525.2	0.07	0.5	WKL	
MO-CAM	2021/22-1	Wet	10/25/2021 4:03:00 PM	11/10/2021 3:14:00 AM	Butachlor	n/a	<	0.012	µg/L	EPA 525.2	0.012	0.1	WKL	
MO-CAM	2021/22-1	Wet	10/25/2021 4:03:00 PM	11/10/2021 3:14:00 AM	Captan	n/a	<	0.32	µg/L	EPA 525.2	0.32	1	WKL	
MO-CAM	2021/22-1	Wet	10/25/2021 4:03:00 PM	12/7/2021 12:24:00 AM	Chlordane (technical)	n/a	<	0.22	µg/L	EPA 608.3	0.22	0.5	WKL	
MO-CAM	2021/22-1	Wet	10/25/2021 4:03:00 PM	11/10/2021 3:14:00 AM	Chlorpropham	n/a	<	0.04	µg/L	EPA 525.2	0.04	0.1	WKL	
MO-CAM	2021/22-1	Wet	10/25/2021 4:03:00 PM	11/5/2021 10:40:00 PM	Chlorpyrifos	n/a	<	0.034	µg/L	EPA 625.1m	0.034	0.05	WKL	
MO-CAM	2021/22-1	Wet	10/25/2021 4:03:00 PM	11/5/2021 10:40:00 PM	Coumaphos	n/a	<	0.026	µg/L	EPA 625.1m	0.026	0.05	WKL	
MO-CAM	2021/22-1	Wet	10/25/2021 4:03:00 PM	11/8/2021 12:25:00 AM	Dalapon	n/a	<	0.4	µg/L	EPA 515.4	0.4	0.4	WKL	
MO-CAM	2021/22-1	Wet	10/25/2021 4:03:00 PM	11/8/2021 12:25:00 AM	DCCA (Dacthal)	n/a	<	0.1	µg/L	EPA 515.4	0.1	0.1	WKL	
MO-CAM	2021/22-1	Wet	10/25/2021 4:03:00 PM	12/7/2021 12:24:00 AM	delta-BHC	n/a	<	0.0095	µg/L	EPA 608.3	0.0095	0.025	WKL	
MO-CAM	2021/22-1	Wet	10/25/2021 4:03:00 PM	11/5/2021 10:40:00 PM	Demeton-O	n/a	<	0.05	µg/L	EPA 625.1m	0.05	0.05	WKL	
MO-CAM	2021/22-1	Wet	10/25/2021 4:03:00 PM	11/5/2021 10:40:00 PM	Demeton-S	n/a	<	0.05	µg/L	EPA 625.1m	0.05	0.05	WKL	
MO-CAM	2021/22-1	Wet	10/25/2021 4:03:00 PM	11/10/2021 3:14:00 AM	Diazinon	n/a	<	0.022	µg/L	EPA 525.2	0.022	0.1	WKL	
MO-CAM	2021/22-1	Wet	10/25/2021 4:03:00 PM	11/5/2021 10:40:00 PM	Diazinon	n/a	<	0.026	µg/L	EPA 625.1m	0.026	0.05	WKL	
MO-CAM	2021/22-1	Wet	10/25/2021 4:03:00 PM	11/8/2021 12:25:00 AM	Dicamba	n/a	<	0.049	µg/L	EPA 515.4	0.049	0.6	WKL	
MO-CAM	2021/22-1	Wet	10/25/2021 4:03:00 PM	11/8/2021 12:25:00 AM	Dichlorprop	n/a	<	0.12	µg/L	EPA 515.4	0.12	0.3	WKL	
MO-CAM	2021/22-1	Wet	10/25/2021 4:03:00 PM	11/5/2021 10:40:00 PM	Dichlorvos	n/a	<	0.014	µg/L	EPA 625.1m	0.014	0.05	WKL	
MO-CAM	2021/22-1	Wet	10/25/2021 4:03:00 PM	12/7/2021 12:24:00 AM	Dieldrin	n/a	<	0.004	µg/L	EPA 608.3	0.004	0.05	WKL	
MO-CAM	2021/22-1	Wet	10/25/2021 4:03:00 PM	11/10/2021 3:14:00 AM	Dimethoate	n/a	<	0.02	µg/L	EPA 525.2	0.02	0.2	WKL	
MO-CAM	2021/22-1	Wet	10/25/2021 4:03:00 PM	11/5/2021 10:40:00 PM	Dimethoate	n/a	<	0.031	µg/L	EPA 625.1m	0.031	0.05	WKL	
MO-CAM	2021/22-1	Wet	10/25/2021 4:03:00 PM	11/8/2021 12:25:00 AM	Dinoseb	n/a	<	0.4	µg/L	EPA 515.4	0.4	0.4	WKL	
MO-CAM	2021/22-1	Wet	10/25/2021 4:03:00 PM	11/10/2021 3:14:00 AM	Diphenamid	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1	WKL	
MO-CAM	2021/22-1	Wet	10/25/2021 4:03:00 PM	11/10/2021 3:14:00 AM	Disulfoton	n/a	<	0.015	µg/L	EPA 525.2	0.015	0.1	WKL	
MO-CAM	2021/22-1	Wet	10/25/2021 4:03:00 PM	11/5/2021 10:40:00 PM	Disulfoton	n/a	<	0.05	µg/L	EPA 625.1m	0.05	0.05	WKL	
MO-CAM	2021/22-1	Wet	10/25/2021 4:03:00 PM	12/7/2021 12:24:00 AM	Endosulfan I	n/a	<	0.0045	µg/L	EPA 608.3	0.0045	0.1	WKL	
MO-CAM	2021/22-1	Wet	10/25/2021 4:03:00 PM	12/7/2021 12:24:00 AM	Endosulfan II	n/a	<	0.0035	µg/L	EPA 608.3	0.0035	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-CAM	2021/22-1	Wet	10/25/2021 4:03:00 PM	12/7/2021 12:24:00 AM	Endosulfan sulfate	n/a	<	0.0065	µg/L	EPA 608.3	0.0065	0.25	WKL	
MO-CAM	2021/22-1	Wet	10/25/2021 4:03:00 PM	12/7/2021 12:24:00 AM	Endrin	n/a	<	0.0085	µg/L	EPA 608.3	0.0085	0.05	WKL	
MO-CAM	2021/22-1	Wet	10/25/2021 4:03:00 PM	12/7/2021 12:24:00 AM	Endrin aldehyde	n/a	<	0.0095	µg/L	EPA 608.3	0.0095	0.05	WKL	
MO-CAM	2021/22-1	Wet	10/25/2021 4:03:00 PM	11/10/2021 3:14:00 AM	EPTC	n/a	<	0.02	µg/L	EPA 525.2	0.02	0.1	WKL	
MO-CAM	2021/22-1	Wet	10/25/2021 4:03:00 PM	11/5/2021 10:40:00 PM	Ethoprop	n/a	<	0.034	µg/L	EPA 625.1m	0.034	0.05	WKL	
MO-CAM	2021/22-1	Wet	10/25/2021 4:03:00 PM	11/5/2021 10:40:00 PM	Ethyl parathion	n/a	<	0.027	µg/L	EPA 625.1m	0.027	0.05	WKL	
MO-CAM	2021/22-1	Wet	10/25/2021 4:03:00 PM	11/5/2021 10:40:00 PM	Fensulfothion	n/a	<	0.014	µg/L	EPA 625.1m	0.014	0.05	WKL	
MO-CAM	2021/22-1	Wet	10/25/2021 4:03:00 PM	11/5/2021 10:40:00 PM	Fenthion	n/a	<	0.019	µg/L	EPA 625.1m	0.019	0.05	WKL	
MO-CAM	2021/22-1	Wet	10/25/2021 4:03:00 PM	12/7/2021 12:24:00 AM	gamma-BHC (Lindane)	n/a	<	0.002	µg/L	EPA 608.3	0.002	0.1	WKL	
MO-CAM	2021/22-1	Wet	10/25/2021 4:03:00 PM	12/7/2021 12:24:00 AM	gamma-Chlordane	n/a	<	0.012	µg/L	EPA 608.3	0.012	0.05	WKL	
MO-CAM	2021/22-1	Wet	10/25/2021 4:03:00 PM	11/7/2021 9:12:00 PM	Glyphosate	n/a	DNQ	15	µg/L	EPA 547	2.1	25	BSKL	
MO-CAM	2021/22-1	Wet	10/25/2021 4:03:00 PM	12/7/2021 12:24:00 AM	Heptachlor	n/a	<	0.003	µg/L	EPA 608.3	0.003	0.05	WKL	
MO-CAM	2021/22-1	Wet	10/25/2021 4:03:00 PM	12/7/2021 12:24:00 AM	Heptachlor epoxide	n/a	<	0.002	µg/L	EPA 608.3	0.002	0.05	WKL	
MO-CAM	2021/22-1	Wet	10/25/2021 4:03:00 PM	11/5/2021 10:40:00 PM	Malathion	n/a	=	0.17	µg/L	EPA 625.1m	0.038	0.05	WKL	
MO-CAM	2021/22-1	Wet	10/25/2021 4:03:00 PM	11/5/2021 10:40:00 PM	Merphos	n/a	<	0.029	µg/L	EPA 625.1m	0.029	0.05	WKL	
MO-CAM	2021/22-1	Wet	10/25/2021 4:03:00 PM	11/5/2021 10:40:00 PM	Methyl parathion	n/a	<	0.032	µg/L	EPA 625.1m	0.032	0.05	WKL	
MO-CAM	2021/22-1	Wet	10/25/2021 4:03:00 PM	11/10/2021 3:14:00 AM	Metolachlor	n/a	<	0.5	µg/L	EPA 525.2	0.5	0.5	WKL	
MO-CAM	2021/22-1	Wet	10/25/2021 4:03:00 PM	11/10/2021 3:14:00 AM	Metribuzin	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1	WKL	
MO-CAM	2021/22-1	Wet	10/25/2021 4:03:00 PM	11/5/2021 10:40:00 PM	Mevinphos	n/a	<	0.021	µg/L	EPA 625.1m	0.021	0.05	WKL	
MO-CAM	2021/22-1	Wet	10/25/2021 4:03:00 PM	11/10/2021 3:14:00 AM	Molinate	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1	WKL	
MO-CAM	2021/22-1	Wet	10/25/2021 4:03:00 PM	11/5/2021 10:40:00 PM	Naled	n/a	<	0.038	µg/L	EPA 625.1m	0.038	0.05	WKL	
MO-CAM	2021/22-1	Wet	10/25/2021 4:03:00 PM	11/8/2021 12:25:00 PM	Pentachlorophenol	n/a	<	1	µg/L	EPA 515.4	1	1	WKL	
MO-CAM	2021/22-1	Wet	10/25/2021 4:03:00 PM	11/22/2021 8:30:00 PM	Pentachlorophenol	n/a	<	0.8	µg/L	EPA 625.1	0.8	2	WKL	
MO-CAM	2021/22-1	Wet	10/25/2021 4:03:00 PM	11/19/2021 9:01:00 PM	Pentachlorophenol	n/a	<	0.3	µg/L	EPA 8270C	0.3	2	WKL	
MO-CAM	2021/22-1	Wet	10/25/2021 4:03:00 PM	11/5/2021 10:40:00 PM	Phorate	n/a	<	0.015	µg/L	EPA 625.1m	0.015	0.05	WKL	
MO-CAM	2021/22-1	Wet	10/25/2021 4:03:00 PM	11/8/2021 12:25:00 PM	Picloram	n/a	<	0.05	µg/L	EPA 515.4	0.05	0.6	WKL	
MO-CAM	2021/22-1	Wet	10/25/2021 4:03:00 PM	11/10/2021 3:14:00 AM	Prometryn	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1	WKL	
MO-CAM	2021/22-1	Wet	10/25/2021 4:03:00 PM	11/5/2021 10:40:00 PM	Ronnel (Fenchlorphos)	n/a	<	0.02	µg/L	EPA 625.1m	0.02	0.05	WKL	
MO-CAM	2021/22-1	Wet	10/25/2021 4:03:00 PM	11/10/2021 3:14:00 AM	Simazine	n/a	<	0.02	µg/L	EPA 525.2	0.02	0.1	WKL	
MO-CAM	2021/22-1	Wet	10/25/2021 4:03:00 PM	11/5/2021 10:40:00 PM	Stirophos (Tetrachlorvinphos)	n/a	<	0.016	µg/L	EPA 625.1m	0.016	0.05	WKL	
MO-CAM	2021/22-1	Wet	10/25/2021 4:03:00 PM	11/10/2021 3:14:00 AM	Terbacil	n/a	<	0.09	µg/L	EPA 525.2	0.09	2	WKL	
MO-CAM	2021/22-1	Wet	10/25/2021 4:03:00 PM	11/10/2021 3:14:00 AM	Thiobencarb	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1	WKL	
MO-CAM	2021/22-1	Wet	10/25/2021 4:03:00 PM	11/5/2021 10:40:00 PM	Tokuthion	n/a	<	0.039	µg/L	EPA 625.1m	0.039	0.05	WKL	
MO-CAM	2021/22-1	Wet	10/25/2021 4:03:00 PM	12/7/2021 12:24:00 AM	Toxaphene	n/a	<	5	µg/L	EPA 608.3	5	5	WKL	
MO-CAM	2021/22-1	Wet	10/25/2021 4:03:00 PM	11/5/2021 10:40:00 PM	Trichloronate	n/a	<	0.034	µg/L	EPA 625.1m	0.034	0.05	WKL	
MO-CAM	2021/22-1	Wet	10/25/2021 4:03:00 PM	11/10/2021 3:14:00 AM	Trithion	n/a	<	0.02	µg/L	EPA 525.2	0.02	0.1	WKL	
MO-CAM	2021/22-2	Wet	12/14/2021 12:15:00 AM	12/15/2021 7:00:00 AM	E. Coli	n/a	=	17329	MPN/100 mL	MMO-MUG	10	10	VCHCA	
MO-CAM	2021/22-2	Wet	12/14/2021 12:15:00 AM	12/15/2021 7:00:00 AM	Total Coliform	n/a	=	24196	MPN/100 mL	MMO-MUG	10	10	VCHCA	
MO-CAM	2021/22-2	Wet	12/14/2021 12:15:00 AM	12/14/2021 12:15:00 AM	Conductivity	n/a	=	142.3	µmhos/cm	Field Meter	-88	1	Field Crew	
MO-CAM	2021/22-2	Wet	12/14/2021 12:15:00 AM	12/16/2021 3:42:00 PM	Cyanide	Total	=	0.0023	mg/L	ASTM D7511	0.0012	0.002	WKL	UL-FB
MO-CAM	2021/22-2	Wet	12/14/2021 12:15:00 AM	12/14/2021 12:15:00 AM	DO	n/a	=	93.8	%	Field Meter	-88	0.1	Field Crew	
MO-CAM	2021/22-2	Wet	12/14/2021 12:15:00 AM	12/14/2021 12:15:00 AM	DO	n/a	=	9.85	mg/L	Field Meter	-88	0.3	Field Crew	
MO-CAM	2021/22-2	Wet	12/14/2021 12:15:00 AM	12/14/2021 12:15:00 AM	pH	n/a	=	7.15	pH Units	Field Meter	-88	0.01	Field Crew	
MO-CAM	2021/22-2	Wet	12/14/2021 12:15:00 AM	12/14/2021 12:15:00 AM	Salinity	n/a	=	100	mg/L	Field Meter	-88	100	Field Crew	
MO-CAM	2021/22-2	Wet	12/14/2021 12:15:00 AM	12/14/2021 12:15:00 AM	Specific Conductance	n/a	=	233	µmhos/cm	Field Meter	-88	1	Field Crew	
MO-CAM	2021/22-2	Wet	12/14/2021 12:15:00 AM	12/14/2021 12:15:00 AM	Temperature	n/a	=	13.3	°C	Field Meter	-88	0.1	Field Crew	
MO-CAM	2021/22-2	Wet	12/14/2021 12:15:00 AM	12/21/2021 6:51:00 AM	Gasoline Range Organics	n/a	DNQ	0.067	mg/L	EPA 8260B	0.065	0.1	WKL	
MO-CAM	2021/22-2	Wet	12/14/2021 12:15:00 AM	12/21/2021 4:20:00 PM	Oil and Grease	n/a	DNQ	3.1	mg/L	EPA 1664B	1.3	5	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-CAM	2021/22-2	Wet	12/14/2021 12:15:00 AM	12/16/2021 4:24:00 PM	2-Chloroethyl vinyl ether	n/a	<	0.95	µg/L	EPA 624.1	0.95	5	WKL	DG
MO-CAM	2021/22-2	Wet	12/14/2021 12:15:00 AM	12/16/2021 4:24:00 PM	Methyl tert-butyl ether (MTBE)	n/a	<	2	µg/L	EPA 624.1	2	5	WKL	DG
MO-CAM	2021/22-2	Wet	12/14/2021 4:38:00 PM	12/16/2021 2:41:00 PM	Chloride	n/a	=	9	mg/L	EPA 300.0	0.38	1	WKL	
MO-CAM	2021/22-2	Wet	12/14/2021 4:38:00 PM	12/17/2021 11:20:00 PM	Fluoride	n/a	DNQ	0.07	mg/L	EPA 300.0	0.018	0.2	WKL	
MO-CAM	2021/22-2	Wet	12/14/2021 4:38:00 PM	12/18/2021 10:53:00 PM	Perchlorate	n/a	<	0.78	µg/L	EPA 314.0	0.78	4	WKL	
MO-CAM	2021/22-2	Wet	12/14/2021 4:38:00 PM	12/28/2021 2:12:00 PM	Calcium	Total	=	9.02	mg/L	EPA 200.7	0.16	0.5	WKL	
MO-CAM	2021/22-2	Wet	12/14/2021 4:38:00 PM	12/28/2021 2:12:00 PM	Magnesium	Total	=	2.27	mg/L	EPA 200.7	0.039	0.5	WKL	
MO-CAM	2021/22-2	Wet	12/14/2021 4:38:00 PM	12/18/2021 4:28:00 PM	Alkalinity as CaCO3	n/a	=	20	mg/L	SM 2320 B	2.3	5	WKL	
MO-CAM	2021/22-2	Wet	12/14/2021 4:38:00 PM	12/21/2021 1:56:00 PM	BOD	n/a	=	6.6	mg/L	SM 5210 B	2	2	WKL	
MO-CAM	2021/22-2	Wet	12/14/2021 4:38:00 PM	12/30/2021 11:13:00 AM	COD	n/a	=	44	mg/L	EPA 410.4	2.9	5	WKL	
MO-CAM	2021/22-2	Wet	12/14/2021 4:38:00 PM	12/28/2021 2:12:00 PM	Hardness as CaCO3	Total	=	31.9	mg/L	EPA 200.7	0.56	3.31	WKL	
MO-CAM	2021/22-2	Wet	12/14/2021 4:38:00 PM	12/15/2021 7:24:00 PM	MBAS	n/a	=	0.086	mg/L	SM 5540 C	0.013	0.05	WKL	
MO-CAM	2021/22-2	Wet	12/14/2021 4:38:00 PM	1/2/2022 11:47:00 AM	Phenolics	n/a	=	0.016	mg/L	EPA 420.4	0.0068	0.01	WKL	
MO-CAM	2021/22-2	Wet	12/14/2021 4:38:00 PM	12/16/2021 1:46:00 PM	Specific Conductance	n/a	=	100	µmhos/cm	SM 2510 B	1.1	2	WKL	
MO-CAM	2021/22-2	Wet	12/14/2021 4:38:00 PM	12/21/2021 12:36:00 PM	Total Dissolved Solids	n/a	=	65	mg/L	SM 2540 C	4	10	WKL	
MO-CAM	2021/22-2	Wet	12/14/2021 4:38:00 PM	12/29/2021 2:03:00 PM	Total Organic Carbon	n/a	=	10	mg/L	SM 5310 B	0.19	0.3	WKL	
MO-CAM	2021/22-2	Wet	12/14/2021 4:38:00 PM	12/20/2021 7:00:00 PM	Total Suspended Solids	n/a	=	120	mg/L	SM 2540 D	-88	5	WKL	
MO-CAM	2021/22-2	Wet	12/14/2021 4:38:00 PM	12/15/2021 5:39:00 PM	Turbidity	n/a	=	60	NTU	EPA 180.1	1.7	10	WKL	
MO-CAM	2021/22-2	Wet	12/14/2021 4:38:00 PM	12/20/2021 7:00:00 PM	Volatile Suspended Solids	n/a	=	23	mg/L	EPA 160.4	3.1	5	WKL	
MO-CAM	2021/22-2	Wet	12/14/2021 4:38:00 PM	12/29/2021 6:30:00 PM	Diesel Range Organics	n/a	=	0.25	mg/L	EPA 8015B	0.14	0.2	WKL	EST-LCSRPD
MO-CAM	2021/22-2	Wet	12/14/2021 4:38:00 PM	12/29/2021 6:30:00 PM	Oil Range Organics	n/a	<	0.66	mg/L	EPA 8015B	0.66	1	WKL	
MO-CAM	2021/22-2	Wet	12/14/2021 4:38:00 PM	1/4/2022 5:47:00 PM	Aluminum	Dissolved	=	26	µg/L	EPA 200.8	4.4	20	WKL	
MO-CAM	2021/22-2	Wet	12/14/2021 4:38:00 PM	1/4/2022 5:49:00 PM	Aluminum	Total	=	1900	µg/L	EPA 200.8	4.4	20	WKL	
MO-CAM	2021/22-2	Wet	12/14/2021 4:38:00 PM	1/4/2022 5:47:00 PM	Antimony	Dissolved	DNQ	0.41	µg/L	EPA 200.8	0.089	0.5	WKL	
MO-CAM	2021/22-2	Wet	12/14/2021 4:38:00 PM	1/4/2022 5:49:00 PM	Antimony	Total	=	0.83	µg/L	EPA 200.8	0.089	0.5	WKL	
MO-CAM	2021/22-2	Wet	12/14/2021 4:38:00 PM	1/4/2022 5:47:00 PM	Arsenic	Dissolved	=	1	µg/L	EPA 200.8	0.074	0.4	WKL	
MO-CAM	2021/22-2	Wet	12/14/2021 4:38:00 PM	1/4/2022 5:49:00 PM	Arsenic	Total	=	1.7	µg/L	EPA 200.8	0.074	0.4	WKL	
MO-CAM	2021/22-2	Wet	12/14/2021 4:38:00 PM	1/4/2022 5:49:00 PM	Barium	Total	=	30	µg/L	EPA 200.8	0.14	1	WKL	
MO-CAM	2021/22-2	Wet	12/14/2021 4:38:00 PM	1/4/2022 5:47:00 PM	Beryllium	Dissolved	<	0.062	µg/L	EPA 200.8	0.062	0.1	WKL	
MO-CAM	2021/22-2	Wet	12/14/2021 4:38:00 PM	1/4/2022 5:49:00 PM	Beryllium	Total	DNQ	0.074	µg/L	EPA 200.8	0.062	0.1	WKL	
MO-CAM	2021/22-2	Wet	12/14/2021 4:38:00 PM	1/4/2022 5:47:00 PM	Cadmium	Dissolved	<	0.042	µg/L	EPA 200.8	0.042	0.2	WKL	
MO-CAM	2021/22-2	Wet	12/14/2021 4:38:00 PM	1/4/2022 5:49:00 PM	Cadmium	Total	DNQ	0.18	µg/L	EPA 200.8	0.042	0.2	WKL	
MO-CAM	2021/22-2	Wet	12/14/2021 4:38:00 PM	1/4/2022 5:47:00 PM	Chromium	Dissolved	=	0.45	µg/L	EPA 200.8	0.089	0.2	WKL	
MO-CAM	2021/22-2	Wet	12/14/2021 4:38:00 PM	1/4/2022 5:49:00 PM	Chromium	Total	=	4.5	µg/L	EPA 200.8	0.089	0.2	WKL	
MO-CAM	2021/22-2	Wet	12/14/2021 4:38:00 PM	12/20/2021 2:17:00 PM	Chromium VI	n/a	=	0.3	µg/L	EPA 218.6	0.0079	0.02	WKL	
MO-CAM	2021/22-2	Wet	12/14/2021 4:38:00 PM	1/4/2022 5:47:00 PM	Copper	Dissolved	=	5.8	µg/L	EPA 200.8	0.23	0.5	WKL	
MO-CAM	2021/22-2	Wet	12/14/2021 4:38:00 PM	1/4/2022 5:49:00 PM	Copper	Total	=	17	µg/L	EPA 200.8	0.23	0.5	WKL	
MO-CAM	2021/22-2	Wet	12/14/2021 4:38:00 PM	1/4/2022 5:47:00 PM	Iron	Dissolved	=	42	µg/L	EPA 200.8	3.9	20	WKL	
MO-CAM	2021/22-2	Wet	12/14/2021 4:38:00 PM	1/4/2022 5:49:00 PM	Iron	Total	=	2900	µg/L	EPA 200.8	3.9	20	WKL	
MO-CAM	2021/22-2	Wet	12/14/2021 4:38:00 PM	1/4/2022 5:47:00 PM	Lead	Dissolved	DNQ	0.13	µg/L	EPA 200.8	0.083	0.2	WKL	
MO-CAM	2021/22-2	Wet	12/14/2021 4:38:00 PM	1/4/2022 5:49:00 PM	Lead	Total	=	4	µg/L	EPA 200.8	0.083	0.2	WKL	
MO-CAM	2021/22-2	Wet	12/14/2021 4:38:00 PM	12/27/2021 4:00:00 PM	Mercury	Dissolved	DNQ	20	ng/L	EPA 245.1	17	50	WKL	UL-MB
MO-CAM	2021/22-2	Wet	12/14/2021 4:38:00 PM	12/27/2021 4:01:00 PM	Mercury	Total	DNQ	37	ng/L	EPA 245.1	17	50	WKL	UL-MB
MO-CAM	2021/22-2	Wet	12/14/2021 4:38:00 PM	1/4/2022 5:47:00 PM	Nickel	Dissolved	DNQ	1.5	µg/L	EPA 200.8	0.16	2	WKL	
MO-CAM	2021/22-2	Wet	12/14/2021 4:38:00 PM	1/4/2022 5:49:00 PM	Nickel	Total	=	5	µg/L	EPA 200.8	0.16	2	WKL	
MO-CAM	2021/22-2	Wet	12/14/2021 4:38:00 PM	1/4/2022 5:47:00 PM	Selenium	Dissolved	DNQ	0.1	µg/L	EPA 200.8	0.067	0.4	WKL	
MO-CAM	2021/22-2	Wet	12/14/2021 4:38:00 PM	1/4/2022 5:49:00 PM	Selenium	Total	DNQ	0.19	µg/L	EPA 200.8	0.067	0.4	WKL	
MO-CAM	2021/22-2	Wet	12/14/2021 4:38:00 PM	1/4/2022 5:47:00 PM	Silver	Dissolved	<	0.03	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-CAM	2021/22-2	Wet	12/14/2021 4:38:00 PM	1/4/2022 5:49:00 PM	Silver	Total	DNQ	0.04	µg/L	EPA 200.8	0.03	0.2	WKL	
MO-CAM	2021/22-2	Wet	12/14/2021 4:38:00 PM	1/4/2022 5:47:00 PM	Thallium	Dissolved	<	0.021	µg/L	EPA 200.8	0.021	0.2	WKL	
MO-CAM	2021/22-2	Wet	12/14/2021 4:38:00 PM	1/4/2022 5:49:00 PM	Thallium	Total	DNQ	0.035	µg/L	EPA 200.8	0.021	0.2	WKL	
MO-CAM	2021/22-2	Wet	12/14/2021 4:38:00 PM	1/4/2022 5:47:00 PM	Zinc	Dissolved	=	27	µg/L	EPA 200.8	0.8	10	WKL	
MO-CAM	2021/22-2	Wet	12/14/2021 4:38:00 PM	1/4/2022 5:49:00 PM	Zinc	Total	=	87	µg/L	EPA 200.8	0.8	10	WKL	
MO-CAM	2021/22-2	Wet	12/14/2021 4:38:00 PM	12/29/2021 3:36:00 PM	Ammonia as N	n/a	=	0.49	mg/L	EPA 350.1	0.017	0.1	WKL	
MO-CAM	2021/22-2	Wet	12/14/2021 4:38:00 PM	1/10/2022 4:45:00 PM	Nitrate + Nitrite as N	n/a	=	0.68	mg/L	EPA 353.2	0.036	0.2	WKL	
MO-CAM	2021/22-2	Wet	12/14/2021 4:38:00 PM	12/28/2021 2:09:00 PM	Phosphorus as P	Dissolved	=	0.28	mg/L	EPA 200.7	0.018	0.05	WKL	
MO-CAM	2021/22-2	Wet	12/14/2021 4:38:00 PM	12/28/2021 2:12:00 PM	Phosphorus as P	Total	=	0.5	mg/L	EPA 200.7	0.018	0.05	WKL	
MO-CAM	2021/22-2	Wet	12/14/2021 4:38:00 PM	1/6/2022 5:45:00 PM	TKN	n/a	=	5.3	mg/L	EPA 351.2	0.13	0.2	WKL	
MO-CAM	2021/22-2	Wet	12/14/2021 4:38:00 PM	1/18/2022 10:17:00 PM	1,2,4-Trichlorobenzene	n/a	<	0.98	µg/L	EPA 625.1	0.98	2	WKL	
MO-CAM	2021/22-2	Wet	12/14/2021 4:38:00 PM	1/18/2022 10:17:00 PM	1,2-Dichlorobenzene	n/a	<	0.92	µg/L	EPA 625.1	0.92	2	WKL	
MO-CAM	2021/22-2	Wet	12/14/2021 4:38:00 PM	1/18/2022 10:17:00 PM	1,2-Diphenylhydrazine	n/a	<	0.6	µg/L	EPA 625.1	0.6	2	WKL	
MO-CAM	2021/22-2	Wet	12/14/2021 4:38:00 PM	1/18/2022 10:17:00 PM	1,3-Dichlorobenzene	n/a	<	0.84	µg/L	EPA 625.1	0.84	2	WKL	
MO-CAM	2021/22-2	Wet	12/14/2021 4:38:00 PM	1/18/2022 10:17:00 PM	1,4-Dichlorobenzene	n/a	<	0.96	µg/L	EPA 625.1	0.96	2	WKL	
MO-CAM	2021/22-2	Wet	12/14/2021 4:38:00 PM	1/15/2022 9:56:00 AM	1-Methylnaphthalene	n/a	<	0.048	µg/L	EPA 8270C	0.048	0.2	WKL	
MO-CAM	2021/22-2	Wet	12/14/2021 4:38:00 PM	1/14/2022 4:08:00 AM	2,4,5-Trichlorophenol	n/a	<	0.58	µg/L	EPA 8270C	0.58	2	WKL	
MO-CAM	2021/22-2	Wet	12/14/2021 4:38:00 PM	1/18/2022 10:17:00 PM	2,4,6-Trichlorophenol	n/a	<	0.44	µg/L	EPA 625.1	0.44	2	WKL	
MO-CAM	2021/22-2	Wet	12/14/2021 4:38:00 PM	1/14/2022 4:08:00 AM	2,4,6-Trichlorophenol	n/a	<	0.6	µg/L	EPA 8270C	0.6	2	WKL	
MO-CAM	2021/22-2	Wet	12/14/2021 4:38:00 PM	1/18/2022 10:17:00 PM	2,4-Dichlorophenol	n/a	<	0.52	µg/L	EPA 625.1	0.52	2	WKL	
MO-CAM	2021/22-2	Wet	12/14/2021 4:38:00 PM	1/14/2022 4:08:00 AM	2,4-Dichlorophenol	n/a	<	1	µg/L	EPA 8270C	1	2	WKL	
MO-CAM	2021/22-2	Wet	12/14/2021 4:38:00 PM	1/18/2022 10:17:00 PM	2,4-Dimethylphenol	n/a	<	1.5	µg/L	EPA 625.1	1.5	2	WKL	LCSRPD, LB-L
MO-CAM	2021/22-2	Wet	12/14/2021 4:38:00 PM	1/14/2022 4:08:00 AM	2,4-Dimethylphenol	n/a	<	2	µg/L	EPA 8270C	2	4	WKL	EST-LCSRPD
MO-CAM	2021/22-2	Wet	12/14/2021 4:38:00 PM	1/14/2022 4:08:00 AM	2,4-Dinitrophenol	n/a	<	2	µg/L	EPA 8270C	2	4	WKL	
MO-CAM	2021/22-2	Wet	12/14/2021 4:38:00 PM	1/18/2022 10:17:00 PM	2,4-Dinitrophenol	n/a	<	3.7	µg/L	EPA 625.1	3.7	20	WKL	
MO-CAM	2021/22-2	Wet	12/14/2021 4:38:00 PM	1/18/2022 10:17:00 PM	2,4-Dinitrotoluene	n/a	<	0.92	µg/L	EPA 625.1	0.92	2	WKL	
MO-CAM	2021/22-2	Wet	12/14/2021 4:38:00 PM	1/18/2022 10:17:00 PM	2,6-Dinitrotoluene	n/a	<	0.54	µg/L	EPA 625.1	0.54	2	WKL	
MO-CAM	2021/22-2	Wet	12/14/2021 4:38:00 PM	1/18/2022 10:17:00 PM	2-Chloronaphthalene	n/a	<	0.9	µg/L	EPA 625.1	0.9	2	WKL	
MO-CAM	2021/22-2	Wet	12/14/2021 4:38:00 PM	1/18/2022 10:17:00 PM	2-Chlorophenol	n/a	<	0.56	µg/L	EPA 625.1	0.56	2	WKL	
MO-CAM	2021/22-2	Wet	12/14/2021 4:38:00 PM	1/14/2022 4:08:00 AM	2-Chlorophenol	n/a	<	1.3	µg/L	EPA 8270C	1.3	2	WKL	
MO-CAM	2021/22-2	Wet	12/14/2021 4:38:00 PM	1/15/2022 9:56:00 AM	2-Methylnaphthalene	n/a	<	0.052	µg/L	EPA 8270C	0.052	0.2	WKL	
MO-CAM	2021/22-2	Wet	12/14/2021 4:38:00 PM	1/14/2022 4:08:00 AM	2-Methylphenol	n/a	<	0.68	µg/L	EPA 8270C	0.68	2	WKL	
MO-CAM	2021/22-2	Wet	12/14/2021 4:38:00 PM	1/18/2022 10:17:00 PM	2-Nitrophenol	n/a	<	0.52	µg/L	EPA 625.1	0.52	2	WKL	
MO-CAM	2021/22-2	Wet	12/14/2021 4:38:00 PM	1/14/2022 4:08:00 AM	2-Nitrophenol	n/a	<	1.4	µg/L	EPA 8270C	1.4	2	WKL	
MO-CAM	2021/22-2	Wet	12/14/2021 4:38:00 PM	1/18/2022 10:17:00 PM	3,3'-Dichlorobenzidine	n/a	<	5	µg/L	EPA 625.1	5	10	WKL	
MO-CAM	2021/22-2	Wet	12/14/2021 4:38:00 PM	1/14/2022 4:08:00 AM	3-/4-Methylphenol	n/a	<	0.6	µg/L	EPA 8270C	0.6	2	WKL	
MO-CAM	2021/22-2	Wet	12/14/2021 4:38:00 PM	1/18/2022 10:17:00 PM	4,6-Dinitro-2-methylphenol	n/a	<	1	µg/L	EPA 625.1	1	10	WKL	
MO-CAM	2021/22-2	Wet	12/14/2021 4:38:00 PM	1/14/2022 4:08:00 AM	4,6-Dinitro-2-methylphenol	n/a	<	0.28	µg/L	EPA 8270C	0.28	2	WKL	
MO-CAM	2021/22-2	Wet	12/14/2021 4:38:00 PM	1/18/2022 10:17:00 PM	4-Bromophenyl phenyl ether	n/a	<	0.72	µg/L	EPA 625.1	0.72	2	WKL	
MO-CAM	2021/22-2	Wet	12/14/2021 4:38:00 PM	1/18/2022 10:17:00 PM	4-Chloro-3-methylphenol	n/a	<	0.46	µg/L	EPA 625.1	0.46	2	WKL	
MO-CAM	2021/22-2	Wet	12/14/2021 4:38:00 PM	1/14/2022 4:08:00 AM	4-Chloro-3-methylphenol	n/a	<	0.74	µg/L	EPA 8270C	0.74	2	WKL	
MO-CAM	2021/22-2	Wet	12/14/2021 4:38:00 PM	1/18/2022 10:17:00 PM	4-Chlorophenyl phenyl ether	n/a	<	0.82	µg/L	EPA 625.1	0.82	2	WKL	
MO-CAM	2021/22-2	Wet	12/14/2021 4:38:00 PM	1/18/2022 10:17:00 PM	4-Nitrophenol	n/a	<	2.5	µg/L	EPA 625.1	2.5	10	WKL	
MO-CAM	2021/22-2	Wet	12/14/2021 4:38:00 PM	1/14/2022 4:08:00 AM	4-Nitrophenol	n/a	<	2	µg/L	EPA 8270C	2	4	WKL	
MO-CAM	2021/22-2	Wet	12/14/2021 4:38:00 PM	1/18/2022 10:17:00 PM	Acenaphthene	n/a	<	0.76	µg/L	EPA 625.1	0.76	2	WKL	
MO-CAM	2021/22-2	Wet	12/14/2021 4:38:00 PM	1/15/2022 9:56:00 AM	Acenaphthene	n/a	<	0.056	µg/L	EPA 8270C	0.056	0.2	WKL	
MO-CAM	2021/22-2	Wet	12/14/2021 4:38:00 PM	1/15/2022 9:56:00 AM	Acenaphthylene	n/a	<	0.066	µg/L	EPA 8270C	0.066	0.2	WKL	
MO-CAM	2021/22-2	Wet	12/14/2021 4:38:00 PM	1/18/2022 10:17:00 PM	Acenaphthylene	n/a	<	0.7	µg/L	EPA 625.1	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-CAM	2021/22-2	Wet	12/14/2021 4:38:00 PM	1/18/2022 10:17:00 PM	Anthracene	n/a	<	0.82	µg/L	EPA 625.1	0.82	2	WKL	
MO-CAM	2021/22-2	Wet	12/14/2021 4:38:00 PM	1/15/2022 9:56:00 AM	Anthracene	n/a	<	0.05	µg/L	EPA 8270C	0.05	0.2	WKL	
MO-CAM	2021/22-2	Wet	12/14/2021 4:38:00 PM	1/18/2022 10:17:00 PM	Benz(a)anthracene	n/a	<	0.38	µg/L	EPA 625.1	0.38	2	WKL	
MO-CAM	2021/22-2	Wet	12/14/2021 4:38:00 PM	1/15/2022 9:56:00 AM	Benz(a)anthracene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.2	WKL	
MO-CAM	2021/22-2	Wet	12/14/2021 4:38:00 PM	1/18/2022 10:17:00 PM	Benzo(a)pyrene	n/a	<	6.4	µg/L	EPA 625.1	6.4	20	WKL	
MO-CAM	2021/22-2	Wet	12/14/2021 4:38:00 PM	1/15/2022 9:56:00 AM	Benzo(a)pyrene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.2	WKL	
MO-CAM	2021/22-2	Wet	12/14/2021 4:38:00 PM	12/23/2021 7:13:00 PM	Benzo(a)pyrene	n/a	<	0.2	µg/L	EPA 525.2	0.2	1	WKL	
MO-CAM	2021/22-2	Wet	12/14/2021 4:38:00 PM	1/18/2022 10:17:00 PM	Benzo(a)pyrene	n/a	<	0.78	µg/L	EPA 625.1	0.78	2	WKL	
MO-CAM	2021/22-2	Wet	12/14/2021 4:38:00 PM	1/15/2022 9:56:00 AM	Benzo(b)fluoranthene	n/a	<	0.15	µg/L	EPA 8270C	0.15	0.2	WKL	
MO-CAM	2021/22-2	Wet	12/14/2021 4:38:00 PM	1/18/2022 10:17:00 PM	Benzo(b)fluoranthene	n/a	<	0.92	µg/L	EPA 625.1	0.92	2	WKL	
MO-CAM	2021/22-2	Wet	12/14/2021 4:38:00 PM	1/18/2022 10:17:00 PM	Benzo(g,h,i)perylene	n/a	<	0.84	µg/L	EPA 625.1	0.84	4	WKL	
MO-CAM	2021/22-2	Wet	12/14/2021 4:38:00 PM	1/15/2022 9:56:00 AM	Benzo(g,h,i)perylene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.2	WKL	
MO-CAM	2021/22-2	Wet	12/14/2021 4:38:00 PM	1/18/2022 10:17:00 PM	Benzo(k)fluoranthene	n/a	<	0.44	µg/L	EPA 625.1	0.44	2	WKL	
MO-CAM	2021/22-2	Wet	12/14/2021 4:38:00 PM	1/15/2022 9:56:00 AM	Benzo(k)fluoranthene	n/a	<	0.052	µg/L	EPA 8270C	0.052	0.2	WKL	
MO-CAM	2021/22-2	Wet	12/14/2021 4:38:00 PM	1/18/2022 10:17:00 PM	Bis(2-chloroethoxy)methane	n/a	<	0.5	µg/L	EPA 625.1	0.5	2	WKL	
MO-CAM	2021/22-2	Wet	12/14/2021 4:38:00 PM	1/18/2022 10:17:00 PM	Bis(2-chloroethyl)ether	n/a	<	0.54	µg/L	EPA 625.1	0.54	2	WKL	
MO-CAM	2021/22-2	Wet	12/14/2021 4:38:00 PM	1/18/2022 10:17:00 PM	Bis(2-chloroisopropyl)ether	n/a	<	0.76	µg/L	EPA 625.1	0.76	2	WKL	
MO-CAM	2021/22-2	Wet	12/14/2021 4:38:00 PM	12/23/2021 7:13:00 PM	Bis(2-ethylhexyl)adipate	n/a	<	4.2	µg/L	EPA 525.2	4.2	50	WKL	
MO-CAM	2021/22-2	Wet	12/14/2021 4:38:00 PM	1/18/2022 10:17:00 PM	Bis(2-ethylhexyl)phthalate	n/a	<	4.6	µg/L	EPA 625.1	4.6	10	WKL	
MO-CAM	2021/22-2	Wet	12/14/2021 4:38:00 PM	12/23/2021 7:13:00 PM	Bis(2-ethylhexyl)phthalate	n/a	<	4.1	µg/L	EPA 525.2	4.1	30	WKL	
MO-CAM	2021/22-2	Wet	12/14/2021 4:38:00 PM	1/18/2022 10:17:00 PM	Butyl benzyl phthalate	n/a	DNQ	1.3	µg/L	EPA 625.1	0.98	2	WKL	
MO-CAM	2021/22-2	Wet	12/14/2021 4:38:00 PM	1/18/2022 10:17:00 PM	Chrysene	n/a	<	0.38	µg/L	EPA 625.1	0.38	2	WKL	
MO-CAM	2021/22-2	Wet	12/14/2021 4:38:00 PM	1/15/2022 9:56:00 AM	Chrysene	n/a	<	0.15	µg/L	EPA 8270C	0.15	0.2	WKL	
MO-CAM	2021/22-2	Wet	12/14/2021 4:38:00 PM	1/18/2022 10:17:00 PM	Dibenz(a,h)anthracene	n/a	<	0.3	µg/L	EPA 625.1	0.3	4	WKL	
MO-CAM	2021/22-2	Wet	12/14/2021 4:38:00 PM	1/15/2022 9:56:00 AM	Dibenz(a,h)anthracene	n/a	<	0.072	µg/L	EPA 8270C	0.072	0.2	WKL	
MO-CAM	2021/22-2	Wet	12/14/2021 4:38:00 PM	1/18/2022 10:17:00 PM	Diethyl phthalate	n/a	<	0.7	µg/L	EPA 625.1	0.7	2	WKL	
MO-CAM	2021/22-2	Wet	12/14/2021 4:38:00 PM	1/18/2022 10:17:00 PM	Dimethyl phthalate	n/a	<	0.36	µg/L	EPA 625.1	0.36	2	WKL	
MO-CAM	2021/22-2	Wet	12/14/2021 4:38:00 PM	1/18/2022 10:17:00 PM	Di-n-butylphthalate	n/a	DNQ	0.8	µg/L	EPA 625.1	0.68	2	WKL	
MO-CAM	2021/22-2	Wet	12/14/2021 4:38:00 PM	1/18/2022 10:17:00 PM	Di-n-octylphthalate	n/a	<	0.92	µg/L	EPA 625.1	0.92	2	WKL	
MO-CAM	2021/22-2	Wet	12/14/2021 4:38:00 PM	1/18/2022 10:17:00 PM	Fluoranthene	n/a	<	0.69	µg/L	EPA 625.1	0.69	2	WKL	
MO-CAM	2021/22-2	Wet	12/14/2021 4:38:00 PM	1/15/2022 9:56:00 AM	Fluoranthene	n/a	DNQ	0.11	µg/L	EPA 8270C	0.078	0.2	WKL	
MO-CAM	2021/22-2	Wet	12/14/2021 4:38:00 PM	1/15/2022 9:56:00 AM	Fluorene	n/a	<	0.058	µg/L	EPA 8270C	0.058	0.2	WKL	
MO-CAM	2021/22-2	Wet	12/14/2021 4:38:00 PM	1/18/2022 10:17:00 PM	Fluorene	n/a	<	0.7	µg/L	EPA 625.1	0.7	2	WKL	
MO-CAM	2021/22-2	Wet	12/14/2021 4:38:00 PM	1/18/2022 10:17:00 PM	Hexachlorobenzene	n/a	<	0.98	µg/L	EPA 625.1	0.98	2	WKL	
MO-CAM	2021/22-2	Wet	12/14/2021 4:38:00 PM	1/18/2022 10:17:00 PM	Hexachlorobutadiene	n/a	<	0.94	µg/L	EPA 625.1	0.94	2	WKL	
MO-CAM	2021/22-2	Wet	12/14/2021 4:38:00 PM	12/23/2021 7:13:00 PM	Hexachlorocyclopentadiene	n/a	<	0.92	µg/L	EPA 525.2	0.92	10	WKL	
MO-CAM	2021/22-2	Wet	12/14/2021 4:38:00 PM	1/18/2022 10:17:00 PM	Hexachlorocyclopentadiene	n/a	<	0.62	µg/L	EPA 625.1	0.62	10	WKL	
MO-CAM	2021/22-2	Wet	12/14/2021 4:38:00 PM	1/18/2022 10:17:00 PM	Hexachloroethane	n/a	<	1	µg/L	EPA 625.1	1	2	WKL	
MO-CAM	2021/22-2	Wet	12/14/2021 4:38:00 PM	1/18/2022 10:17:00 PM	Indeno(1,2,3-cd)pyrene	n/a	<	0.49	µg/L	EPA 625.1	0.49	4	WKL	
MO-CAM	2021/22-2	Wet	12/14/2021 4:38:00 PM	1/15/2022 9:56:00 AM	Indeno(1,2,3-cd)pyrene	n/a	<	0.13	µg/L	EPA 8270C	0.13	0.2	WKL	
MO-CAM	2021/22-2	Wet	12/14/2021 4:38:00 PM	1/18/2022 10:17:00 PM	Isophorone	n/a	<	0.42	µg/L	EPA 625.1	0.42	2	WKL	
MO-CAM	2021/22-2	Wet	12/14/2021 4:38:00 PM	1/18/2022 10:17:00 PM	Naphthalene	n/a	<	0.98	µg/L	EPA 625.1	0.98	2	WKL	
MO-CAM	2021/22-2	Wet	12/14/2021 4:38:00 PM	1/15/2022 9:56:00 AM	Naphthalene	n/a	<	0.052	µg/L	EPA 8270C	0.052	0.2	WKL	
MO-CAM	2021/22-2	Wet	12/14/2021 4:38:00 PM	1/18/2022 10:17:00 PM	Nitrobenzene	n/a	<	0.72	µg/L	EPA 625.1	0.72	2	WKL	
MO-CAM	2021/22-2	Wet	12/14/2021 4:38:00 PM	1/18/2022 10:17:00 PM	N-Nitrosodimethylamine	n/a	<	1	µg/L	EPA 625.1	1	2	WKL	
MO-CAM	2021/22-2	Wet	12/14/2021 4:38:00 PM	1/18/2022 10:17:00 PM	N-Nitrosodi-N-propylamine	n/a	<	0.52	µg/L	EPA 625.1	0.52	2	WKL	
MO-CAM	2021/22-2	Wet	12/14/2021 4:38:00 PM	1/18/2022 10:17:00 PM	N-Nitrosodiphenylamine	n/a	<	0.38	µg/L	EPA 625.1	0.38	2	WKL	
MO-CAM	2021/22-2	Wet	12/14/2021 4:38:00 PM	1/15/2022 9:56:00 AM	Phenanthrene	n/a	<	0.058	µg/L	EPA 8270C	0.058	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	2021/22-2	Wet	12/14/2021 4:38:00 PM	1/18/2022 10:17:00 PM	Phenanthrene	n/a	<	0.64	µg/L	EPA 625.1	0.64	2	WKL	
MO-CAM	2021/22-2	Wet	12/14/2021 4:38:00 PM	1/18/2022 10:17:00 PM	Phenol	n/a	<	1.6	µg/L	EPA 625.1	1.6	2	WKL	
MO-CAM	2021/22-2	Wet	12/14/2021 4:38:00 PM	1/14/2022 4:08:00 AM	Phenol	n/a	<	0.7	µg/L	EPA 8270C	0.7	2	WKL	
MO-CAM	2021/22-2	Wet	12/14/2021 4:38:00 PM	1/18/2022 10:17:00 PM	Pyrene	n/a	<	0.5	µg/L	EPA 625.1	0.5	2	WKL	
MO-CAM	2021/22-2	Wet	12/14/2021 4:38:00 PM	1/15/2022 9:56:00 AM	Pyrene	n/a	DNQ	0.11	µg/L	EPA 8270C	0.08	0.2	WKL	
MO-CAM	2021/22-2	Wet	12/14/2021 4:38:00 PM	1/13/2022 9:32:00 AM	PCB Aroclor 1016	n/a	<	1	µg/L	EPA 608.3	1	1	WKL	
MO-CAM	2021/22-2	Wet	12/14/2021 4:38:00 PM	1/13/2022 9:32:00 AM	PCB Aroclor 1221	n/a	<	1	µg/L	EPA 608.3	1	1	WKL	
MO-CAM	2021/22-2	Wet	12/14/2021 4:38:00 PM	1/13/2022 9:32:00 AM	PCB Aroclor 1232	n/a	<	1	µg/L	EPA 608.3	1	1	WKL	
MO-CAM	2021/22-2	Wet	12/14/2021 4:38:00 PM	1/13/2022 9:32:00 AM	PCB Aroclor 1242	n/a	<	1	µg/L	EPA 608.3	1	1	WKL	
MO-CAM	2021/22-2	Wet	12/14/2021 4:38:00 PM	1/13/2022 9:32:00 AM	PCB Aroclor 1248	n/a	<	1	µg/L	EPA 608.3	1	1	WKL	
MO-CAM	2021/22-2	Wet	12/14/2021 4:38:00 PM	1/13/2022 9:32:00 AM	PCB Aroclor 1254	n/a	<	1	µg/L	EPA 608.3	1	1	WKL	
MO-CAM	2021/22-2	Wet	12/14/2021 4:38:00 PM	1/13/2022 9:32:00 AM	PCB Aroclor 1260	n/a	<	1	µg/L	EPA 608.3	1	1	WKL	
MO-CAM	2021/22-2	Wet	12/14/2021 4:38:00 PM	1/6/2022 7:51:00 PM	2,4,5-T	n/a	<	0.03	µg/L	EPA 515.4	0.03	0.2	WKL	
MO-CAM	2021/22-2	Wet	12/14/2021 4:38:00 PM	1/6/2022 7:51:00 PM	2,4,5-TP	n/a	<	0.026	µg/L	EPA 515.4	0.026	0.2	WKL	
MO-CAM	2021/22-2	Wet	12/14/2021 4:38:00 PM	1/6/2022 7:51:00 PM	2,4-D	n/a	<	2	µg/L	EPA 515.4	2	2	WKL	
MO-CAM	2021/22-2	Wet	12/14/2021 4:38:00 PM	1/6/2022 7:51:00 PM	2,4-DB	n/a	<	2	µg/L	EPA 515.4	2	2	WKL	
MO-CAM	2021/22-2	Wet	12/14/2021 4:38:00 PM	1/6/2022 7:51:00 PM	3,5-Dichlorobenzoic acid	n/a	<	0.12	µg/L	EPA 515.4	0.12	1	WKL	
MO-CAM	2021/22-2	Wet	12/14/2021 4:38:00 PM	1/13/2022 9:32:00 AM	4,4'-DDD	n/a	<	0.0014	µg/L	EPA 608.3	0.0014	0.1	WKL	
MO-CAM	2021/22-2	Wet	12/14/2021 4:38:00 PM	1/13/2022 9:32:00 AM	4,4'-DDE	n/a	DNQ	0.0035	µg/L	EPA 608.3	0.0014	0.1	WKL	
MO-CAM	2021/22-2	Wet	12/14/2021 4:38:00 PM	1/13/2022 9:32:00 AM	4,4'-DDT	n/a	<	0.0022	µg/L	EPA 608.3	0.0022	0.02	WKL	
MO-CAM	2021/22-2	Wet	12/14/2021 4:38:00 PM	1/6/2022 7:51:00 PM	Acifluorfen	n/a	<	0.03	µg/L	EPA 515.4	0.03	0.4	WKL	
MO-CAM	2021/22-2	Wet	12/14/2021 4:38:00 PM	12/23/2021 7:13:00 PM	Alachlor	n/a	<	0.3	µg/L	EPA 525.2	0.3	1	WKL	
MO-CAM	2021/22-2	Wet	12/14/2021 4:38:00 PM	1/13/2022 9:32:00 AM	Aldrin	n/a	<	0.002	µg/L	EPA 608.3	0.002	0.01	WKL	
MO-CAM	2021/22-2	Wet	12/14/2021 4:38:00 PM	1/13/2022 9:32:00 AM	alpha-BHC	n/a	<	0.0022	µg/L	EPA 608.3	0.0022	0.02	WKL	
MO-CAM	2021/22-2	Wet	12/14/2021 4:38:00 PM	1/13/2022 9:32:00 AM	alpha-Chlordane	n/a	<	0.0058	µg/L	EPA 608.3	0.0058	0.02	WKL	
MO-CAM	2021/22-2	Wet	12/14/2021 4:38:00 PM	12/23/2021 7:13:00 PM	Atrazine	n/a	<	0.11	µg/L	EPA 525.2	0.11	1	WKL	
MO-CAM	2021/22-2	Wet	12/14/2021 4:38:00 PM	1/11/2022 3:33:00 AM	Azinphos methyl	n/a	<	0.0055	µg/L	EPA 625.1m	0.0055	0.01	WKL	
MO-CAM	2021/22-2	Wet	12/14/2021 4:38:00 PM	1/6/2022 7:51:00 PM	Bentazon	n/a	<	0.23	µg/L	EPA 515.4	0.23	2	WKL	
MO-CAM	2021/22-2	Wet	12/14/2021 4:38:00 PM	1/13/2022 9:32:00 AM	beta-BHC	n/a	<	0.003	µg/L	EPA 608.3	0.003	0.01	WKL	
MO-CAM	2021/22-2	Wet	12/14/2021 4:38:00 PM	1/11/2022 3:33:00 AM	Bolstar	n/a	<	0.0046	µg/L	EPA 625.1m	0.0046	0.01	WKL	
MO-CAM	2021/22-2	Wet	12/14/2021 4:38:00 PM	12/23/2021 7:13:00 PM	Bromacil	n/a	<	0.7	µg/L	EPA 525.2	0.7	5	WKL	
MO-CAM	2021/22-2	Wet	12/14/2021 4:38:00 PM	12/23/2021 7:13:00 PM	Butachlor	n/a	<	0.12	µg/L	EPA 525.2	0.12	1	WKL	
MO-CAM	2021/22-2	Wet	12/14/2021 4:38:00 PM	12/23/2021 7:13:00 PM	Captan	n/a	<	3.2	µg/L	EPA 525.2	3.2	10	WKL	
MO-CAM	2021/22-2	Wet	12/14/2021 4:38:00 PM	1/13/2022 9:32:00 AM	Chlordane (technical)	n/a	<	0.2	µg/L	EPA 608.3	0.2	0.2	WKL	
MO-CAM	2021/22-2	Wet	12/14/2021 4:38:00 PM	12/23/2021 7:13:00 PM	Chlorpropham	n/a	<	0.4	µg/L	EPA 525.2	0.4	1	WKL	
MO-CAM	2021/22-2	Wet	12/14/2021 4:38:00 PM	1/11/2022 3:33:00 AM	Chlorpyrifos	n/a	<	0.0069	µg/L	EPA 625.1m	0.0069	0.01	WKL	
MO-CAM	2021/22-2	Wet	12/14/2021 4:38:00 PM	1/11/2022 3:33:00 AM	Coumaphos	n/a	<	0.0051	µg/L	EPA 625.1m	0.0051	0.01	WKL	
MO-CAM	2021/22-2	Wet	12/14/2021 4:38:00 PM	1/6/2022 7:51:00 PM	Dalapon	n/a	<	0.11	µg/L	EPA 515.4	0.11	0.4	WKL	
MO-CAM	2021/22-2	Wet	12/14/2021 4:38:00 PM	1/6/2022 7:51:00 PM	DCPA (Daacthal)	n/a	<	0.029	µg/L	EPA 515.4	0.029	0.1	WKL	
MO-CAM	2021/22-2	Wet	12/14/2021 4:38:00 PM	1/13/2022 9:32:00 AM	delta-BHC	n/a	<	0.0038	µg/L	EPA 608.3	0.0038	0.01	WKL	EST-LCSRDP
MO-CAM	2021/22-2	Wet	12/14/2021 4:38:00 PM	1/11/2022 3:33:00 AM	Demeton-O	n/a	<	0.01	µg/L	EPA 625.1m	0.01	0.01	WKL	
MO-CAM	2021/22-2	Wet	12/14/2021 4:38:00 PM	1/11/2022 3:33:00 AM	Demeton-S	n/a	<	0.01	µg/L	EPA 625.1m	0.01	0.01	WKL	LB-LCSR
MO-CAM	2021/22-2	Wet	12/14/2021 4:38:00 PM	12/23/2021 7:13:00 PM	Diazinon	n/a	<	0.22	µg/L	EPA 525.2	0.22	1	WKL	
MO-CAM	2021/22-2	Wet	12/14/2021 4:38:00 PM	1/11/2022 3:33:00 AM	Diazinon	n/a	<	0.0052	µg/L	EPA 625.1m	0.0052	0.01	WKL	LB-LCSR
MO-CAM	2021/22-2	Wet	12/14/2021 4:38:00 PM	1/6/2022 7:51:00 PM	Dicamba	n/a	<	0.049	µg/L	EPA 515.4	0.049	0.6	WKL	
MO-CAM	2021/22-2	Wet	12/14/2021 4:38:00 PM	1/6/2022 7:51:00 PM	Dichlorprop	n/a	<	0.12	µg/L	EPA 515.4	0.12	0.3	WKL	
MO-CAM	2021/22-2	Wet	12/14/2021 4:38:00 PM	1/11/2022 3:33:00 AM	Dichlorvos	n/a	DNQ	0.0056	µg/L	EPA 625.1m	0.0029	0.01	WKL	
MO-CAM	2021/22-2	Wet	12/14/2021 4:38:00 PM	1/13/2022 9:32:00 AM	Dieldrin	n/a	<	0.0016	µg/L	EPA 608.3	0.0016	0.02	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-CAM	2021/22-2	Wet	12/14/2021 4:38:00 PM	12/23/2021 7:13:00 PM	Dimethoate	n/a	<	0.2	µg/L	EPA 525.2	0.2	2	WKL	
MO-CAM	2021/22-2	Wet	12/14/2021 4:38:00 PM	1/11/2022 3:33:00 AM	Dimethoate	n/a	<	0.0062	µg/L	EPA 625.1m	0.0062	0.01	WKL	
MO-CAM	2021/22-2	Wet	12/14/2021 4:38:00 PM	1/6/2022 7:51:00 PM	Dinoseb	n/a	<	0.033	µg/L	EPA 515.4	0.033	0.4	WKL	
MO-CAM	2021/22-2	Wet	12/14/2021 4:38:00 PM	12/23/2021 7:13:00 PM	Diphenamid	n/a	<	0.3	µg/L	EPA 525.2	0.3	1	WKL	
MO-CAM	2021/22-2	Wet	12/14/2021 4:38:00 PM	12/23/2021 7:13:00 PM	Disulfoton	n/a	<	0.15	µg/L	EPA 525.2	0.15	1	WKL	
MO-CAM	2021/22-2	Wet	12/14/2021 4:38:00 PM	1/11/2022 3:33:00 AM	Disulfoton	n/a	<	0.01	µg/L	EPA 625.1m	0.01	0.01	WKL	
MO-CAM	2021/22-2	Wet	12/14/2021 4:38:00 PM	1/13/2022 9:32:00 AM	Endosulfan I	n/a	<	0.0018	µg/L	EPA 608.3	0.0018	0.04	WKL	
MO-CAM	2021/22-2	Wet	12/14/2021 4:38:00 PM	1/13/2022 9:32:00 AM	Endosulfan II	n/a	<	0.0014	µg/L	EPA 608.3	0.0014	0.02	WKL	
MO-CAM	2021/22-2	Wet	12/14/2021 4:38:00 PM	1/13/2022 9:32:00 AM	Endosulfan sulfate	n/a	<	0.0026	µg/L	EPA 608.3	0.0026	0.1	WKL	
MO-CAM	2021/22-2	Wet	12/14/2021 4:38:00 PM	1/13/2022 9:32:00 AM	Endrin	n/a	<	0.0034	µg/L	EPA 608.3	0.0034	0.02	WKL	
MO-CAM	2021/22-2	Wet	12/14/2021 4:38:00 PM	1/13/2022 9:32:00 AM	Endrin aldehyde	n/a	<	0.0038	µg/L	EPA 608.3	0.0038	0.02	WKL	
MO-CAM	2021/22-2	Wet	12/14/2021 4:38:00 PM	12/23/2021 7:13:00 PM	EPTC	n/a	<	0.2	µg/L	EPA 525.2	0.2	1	WKL	
MO-CAM	2021/22-2	Wet	12/14/2021 4:38:00 PM	1/11/2022 3:33:00 AM	Ethoprop	n/a	<	0.0067	µg/L	EPA 625.1m	0.0067	0.01	WKL	
MO-CAM	2021/22-2	Wet	12/14/2021 4:38:00 PM	1/11/2022 3:33:00 AM	Ethyl parathion	n/a	<	0.0054	µg/L	EPA 625.1m	0.0054	0.01	WKL	
MO-CAM	2021/22-2	Wet	12/14/2021 4:38:00 PM	1/11/2022 3:33:00 AM	Fensulfothion	n/a	<	0.0029	µg/L	EPA 625.1m	0.0029	0.01	WKL	
MO-CAM	2021/22-2	Wet	12/14/2021 4:38:00 PM	1/11/2022 3:33:00 AM	Fenthion	n/a	<	0.0038	µg/L	EPA 625.1m	0.0038	0.01	WKL	
MO-CAM	2021/22-2	Wet	12/14/2021 4:38:00 PM	1/13/2022 9:32:00 AM	gamma-BHC (Lindane)	n/a	<	0.0008	µg/L	EPA 608.3	0.0008	0.04	WKL	
MO-CAM	2021/22-2	Wet	12/14/2021 4:38:00 PM	1/13/2022 9:32:00 AM	gamma-Chlordane	n/a	<	0.0046	µg/L	EPA 608.3	0.0046	0.02	WKL	
MO-CAM	2021/22-2	Wet	12/14/2021 4:38:00 PM	12/17/2021 3:31:00 AM	Glyphosate	n/a	=	9.3	µg/L	EPA 547	1.8	5	WKL	
MO-CAM	2021/22-2	Wet	12/14/2021 4:38:00 PM	1/13/2022 9:32:00 AM	Heptachlor	n/a	<	0.0012	µg/L	EPA 608.3	0.0012	0.02	WKL	
MO-CAM	2021/22-2	Wet	12/14/2021 4:38:00 PM	1/13/2022 9:32:00 AM	Heptachlor epoxide	n/a	<	0.0008	µg/L	EPA 608.3	0.0008	0.02	WKL	
MO-CAM	2021/22-2	Wet	12/14/2021 4:38:00 PM	1/11/2022 3:33:00 AM	Malathion	n/a	=	0.064	µg/L	EPA 625.1m	0.0076	0.01	WKL	
MO-CAM	2021/22-2	Wet	12/14/2021 4:38:00 PM	1/11/2022 3:33:00 AM	Merphos	n/a	<	0.0058	µg/L	EPA 625.1m	0.0058	0.01	WKL	
MO-CAM	2021/22-2	Wet	12/14/2021 4:38:00 PM	1/11/2022 3:33:00 AM	Methyl parathion	n/a	<	0.0063	µg/L	EPA 625.1m	0.0063	0.01	WKL	
MO-CAM	2021/22-2	Wet	12/14/2021 4:38:00 PM	12/23/2021 7:13:00 PM	Metolachlor	n/a	<	0.3	µg/L	EPA 525.2	0.3	1	WKL	
MO-CAM	2021/22-2	Wet	12/14/2021 4:38:00 PM	12/23/2021 7:13:00 PM	Metribuzin	n/a	<	0.3	µg/L	EPA 525.2	0.3	1	WKL	
MO-CAM	2021/22-2	Wet	12/14/2021 4:38:00 PM	1/11/2022 3:33:00 AM	Mevinphos	n/a	<	0.0042	µg/L	EPA 625.1m	0.0042	0.01	WKL	LB-LCSR
MO-CAM	2021/22-2	Wet	12/14/2021 4:38:00 PM	12/23/2021 7:13:00 PM	Molinate	n/a	<	0.3	µg/L	EPA 525.2	0.3	1	WKL	
MO-CAM	2021/22-2	Wet	12/14/2021 4:38:00 PM	1/11/2022 3:33:00 AM	Naled	n/a	<	0.0076	µg/L	EPA 625.1m	0.0076	0.01	WKL	
MO-CAM	2021/22-2	Wet	12/14/2021 4:38:00 PM	1/6/2022 7:51:00 PM	Pentachlorophenol	n/a	<	0.4	µg/L	EPA 515.4	0.4	0.4	WKL	
MO-CAM	2021/22-2	Wet	12/14/2021 4:38:00 PM	1/18/2022 10:17:00 PM	Pentachlorophenol	n/a	<	4	µg/L	EPA 625.1	4	4	WKL	
MO-CAM	2021/22-2	Wet	12/14/2021 4:38:00 PM	1/14/2022 4:08:00 AM	Pentachlorophenol	n/a	DNQ	1.1	µg/L	EPA 8270C	0.3	2	WKL	
MO-CAM	2021/22-2	Wet	12/14/2021 4:38:00 PM	1/11/2022 3:33:00 AM	Phorate	n/a	<	0.003	µg/L	EPA 625.1m	0.003	0.01	WKL	
MO-CAM	2021/22-2	Wet	12/14/2021 4:38:00 PM	1/6/2022 7:51:00 PM	Picloram	n/a	<	0.05	µg/L	EPA 515.4	0.05	0.6	WKL	
MO-CAM	2021/22-2	Wet	12/14/2021 4:38:00 PM	12/23/2021 7:13:00 PM	Prometryn	n/a	<	0.3	µg/L	EPA 525.2	0.3	1	WKL	
MO-CAM	2021/22-2	Wet	12/14/2021 4:38:00 PM	1/11/2022 3:33:00 AM	Ronnel (Fenchlorphos)	n/a	<	0.0041	µg/L	EPA 625.1m	0.0041	0.01	WKL	
MO-CAM	2021/22-2	Wet	12/14/2021 4:38:00 PM	12/23/2021 7:13:00 PM	Simazine	n/a	<	0.2	µg/L	EPA 525.2	0.2	1	WKL	
MO-CAM	2021/22-2	Wet	12/14/2021 4:38:00 PM	1/11/2022 3:33:00 AM	Stirophos (Tetrachlorvinphos)	n/a	<	0.0031	µg/L	EPA 625.1m	0.0031	0.01	WKL	
MO-CAM	2021/22-2	Wet	12/14/2021 4:38:00 PM	12/23/2021 7:13:00 PM	Terbacil	n/a	<	0.9	µg/L	EPA 525.2	0.9	20	WKL	
MO-CAM	2021/22-2	Wet	12/14/2021 4:38:00 PM	12/23/2021 7:13:00 PM	Thiobencarb	n/a	<	0.3	µg/L	EPA 525.2	0.3	1	WKL	
MO-CAM	2021/22-2	Wet	12/14/2021 4:38:00 PM	1/11/2022 3:33:00 AM	Tokuthion	n/a	<	0.0078	µg/L	EPA 625.1m	0.0078	0.01	WKL	
MO-CAM	2021/22-2	Wet	12/14/2021 4:38:00 PM	1/13/2022 9:32:00 AM	Toxaphene	n/a	<	2	µg/L	EPA 608.3	2	2	WKL	
MO-CAM	2021/22-2	Wet	12/14/2021 4:38:00 PM	1/11/2022 3:33:00 AM	Trichloronate	n/a	<	0.0067	µg/L	EPA 625.1m	0.0067	0.01	WKL	
MO-CAM	2021/22-2	Wet	12/14/2021 4:38:00 PM	12/23/2021 7:13:00 PM	Trithion	n/a	<	0.2	µg/L	EPA 525.2	0.2	1	WKL	
MO-CAM	2021/22-3	Wet	3/28/2022 7:55:00 AM	3/29/2022 11:20:00 AM	E. Coli	n/a	=	19863	MPN/100 mL	MMO-MUG	10	10	VCHCA	
MO-CAM	2021/22-3	Wet	3/28/2022 7:55:00 AM	3/29/2022 11:20:00 AM	Total Coliform	n/a	=	198630	MPN/100 mL	MMO-MUG	100	100	VCHCA	
MO-CAM	2021/22-3	Wet	3/28/2022 7:55:00 AM	3/28/2022 7:55:00 AM	Conductivity	n/a	=	88.7	µmhos/cm	Field Meter	-88	1	Field Crew	
MO-CAM	2021/22-3	Wet	3/28/2022 7:55:00 AM	4/6/2022 1:55:00 PM	Cyanide	Total	<	0.0012	mg/L	ASTM D7511	0.0012	0.002	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-CAM	2021/22-3	Wet	3/28/2022 7:55:00 AM	3/28/2022 7:55:00 AM	DO	n/a	=	8.6	mg/L	Field Meter	-88	0.3	Field Crew	
MO-CAM	2021/22-3	Wet	3/28/2022 7:55:00 AM	3/28/2022 7:55:00 AM	DO	n/a	=	86.5	%	Field Meter	-88	0.1	Field Crew	
MO-CAM	2021/22-3	Wet	3/28/2022 7:55:00 AM	3/28/2022 7:55:00 AM	pH	n/a	=	7.22	pH Units	Field Meter	-88	0.01	Field Crew	
MO-CAM	2021/22-3	Wet	3/28/2022 7:55:00 AM	3/28/2022 7:55:00 AM	Salinity	n/a	=	100	mg/L	Field Meter	-88	100	Field Crew	
MO-CAM	2021/22-3	Wet	3/28/2022 7:55:00 AM	3/28/2022 7:55:00 AM	Specific Conductance	n/a	=	107.2	µmhos/cm	Field Meter	-88	1	Field Crew	
MO-CAM	2021/22-3	Wet	3/28/2022 7:55:00 AM	3/28/2022 7:55:00 AM	Temperature	n/a	=	15.3	°C	Field Meter	-88	0.1	Field Crew	
MO-CAM	2021/22-3	Wet	3/28/2022 7:55:00 AM	3/30/2022 11:08:00 AM	Gasoline Range Organics	n/a	<	0.065	mg/L	EPA 8260B	0.065	0.1	WKL	
MO-CAM	2021/22-3	Wet	3/28/2022 7:55:00 AM	4/4/2022 1:14:00 PM	Oil and Grease	n/a	DNQ	2.7	mg/L	EPA 1664B	0.6	4	WKL	
MO-CAM	2021/22-3	Wet	3/28/2022 12:56:00 PM	4/1/2022 2:06:00 PM	Chloride	n/a	=	7.2	mg/L	EPA 300.0	0.38	1	WKL	
MO-CAM	2021/22-3	Wet	3/28/2022 12:56:00 PM	4/1/2022 2:06:00 PM	Fluoride	n/a	DNQ	0.092	mg/L	EPA 300.0	0.018	0.2	WKL	
MO-CAM	2021/22-3	Wet	3/28/2022 12:56:00 PM	4/1/2022 6:11:00 PM	Perchlorate	n/a	<	0.78	µg/L	EPA 314.0	0.78	4	WKL	
MO-CAM	2021/22-3	Wet	3/28/2022 12:56:00 PM	4/7/2022 5:23:00 PM	Calcium	Total	=	10.9	mg/L	EPA 200.7	0.0234	0.5	WKL	
MO-CAM	2021/22-3	Wet	3/28/2022 12:56:00 PM	4/7/2022 5:23:00 PM	Magnesium	Total	=	2.96	mg/L	EPA 200.7	0.039	0.5	WKL	
MO-CAM	2021/22-3	Wet	3/28/2022 12:56:00 PM	3/31/2022 12:25:00 PM	Alkalinity as CaCO3	n/a	=	23	mg/L	SM 2320 B	1.9	5	WKL	
MO-CAM	2021/22-3	Wet	3/28/2022 12:56:00 PM	4/3/2022 1:47:00 PM	BOD	n/a	=	23	mg/L	SM 5210 B	2	2	WKL	
MO-CAM	2021/22-3	Wet	3/28/2022 12:56:00 PM	4/7/2022 1:12:00 PM	COD	n/a	=	52	mg/L	EPA 410.4	2.9	5	WKL	
MO-CAM	2021/22-3	Wet	3/28/2022 12:56:00 PM	4/7/2022 5:23:00 PM	Hardness as CaCO3	Total	=	39.4	mg/L	EPA 200.7	0.219	3.31	WKL	
MO-CAM	2021/22-3	Wet	3/28/2022 12:56:00 PM	3/29/2022 5:49:00 PM	MBAS	n/a	=	0.12	mg/L	SM 5540 C	0.013	0.05	WKL	
MO-CAM	2021/22-3	Wet	3/28/2022 12:56:00 PM	4/6/2022 1:32:00 PM	Phenolics	n/a	=	0.022	mg/L	EPA 420.4	0.0068	0.01	WKL	
MO-CAM	2021/22-3	Wet	3/28/2022 12:56:00 PM	4/8/2022 12:59:00 PM	Specific Conductance	n/a	=	120	µmhos/cm	SM 2510 B	1.1	2	WKL	
MO-CAM	2021/22-3	Wet	3/28/2022 12:56:00 PM	4/1/2022 4:57:00 PM	Total Dissolved Solids	n/a	=	76	mg/L	SM 2540 C	4	10	WKL	
MO-CAM	2021/22-3	Wet	3/28/2022 12:56:00 PM	3/29/2022 5:00:00 PM	Total Organic Carbon	n/a	=	18	mg/L	SM 5310 B	0.19	0.3	WKL	
MO-CAM	2021/22-3	Wet	3/28/2022 12:56:00 PM	4/2/2022 11:00:00 AM	Total Suspended Solids	n/a	=	190	mg/L	SM 2540 D	-88	5	WKL	
MO-CAM	2021/22-3	Wet	3/28/2022 12:56:00 PM	3/29/2022 3:08:00 PM	Turbidity	n/a	=	34	NTU	EPA 180.1	0.017	0.1	WKL	
MO-CAM	2021/22-3	Wet	3/28/2022 12:56:00 PM	4/2/2022 11:00:00 AM	Volatile Suspended Solids	n/a	=	46	mg/L	EPA 160.4	3.1	5	WKL	
MO-CAM	2021/22-3	Wet	3/28/2022 12:56:00 PM	4/1/2022 6:58:00 AM	Diesel Range Organics	n/a	=	0.74	mg/L	EPA 8015B	0.14	0.2	WKL	
MO-CAM	2021/22-3	Wet	3/28/2022 12:56:00 PM	4/1/2022 6:58:00 AM	Oil Range Organics	n/a	<	0.66	mg/L	EPA 8015B	0.66	1	WKL	
MO-CAM	2021/22-3	Wet	3/28/2022 12:56:00 PM	4/6/2022 5:08:00 PM	Aluminum	Dissolved	=	36	µg/L	EPA 200.8	4.4	20	WKL	
MO-CAM	2021/22-3	Wet	3/28/2022 12:56:00 PM	4/6/2022 5:10:00 PM	Aluminum	Total	=	3400	µg/L	EPA 200.8	4.4	20	WKL	
MO-CAM	2021/22-3	Wet	3/28/2022 12:56:00 PM	4/6/2022 5:08:00 PM	Antimony	Dissolved	DNQ	0.42	µg/L	EPA 200.8	0.089	0.5	WKL	
MO-CAM	2021/22-3	Wet	3/28/2022 12:56:00 PM	4/6/2022 5:10:00 PM	Antimony	Total	=	1.1	µg/L	EPA 200.8	0.089	0.5	WKL	
MO-CAM	2021/22-3	Wet	3/28/2022 12:56:00 PM	4/6/2022 5:08:00 PM	Arsenic	Dissolved	=	0.69	µg/L	EPA 200.8	0.074	0.4	WKL	
MO-CAM	2021/22-3	Wet	3/28/2022 12:56:00 PM	4/6/2022 5:10:00 PM	Arsenic	Total	=	2	µg/L	EPA 200.8	0.074	0.4	WKL	
MO-CAM	2021/22-3	Wet	3/28/2022 12:56:00 PM	4/6/2022 5:10:00 PM	Barium	Total	=	46	µg/L	EPA 200.8	0.14	1	WKL	
MO-CAM	2021/22-3	Wet	3/28/2022 12:56:00 PM	4/6/2022 5:08:00 PM	Beryllium	Dissolved	<	0.062	µg/L	EPA 200.8	0.062	0.1	WKL	
MO-CAM	2021/22-3	Wet	3/28/2022 12:56:00 PM	4/6/2022 5:10:00 PM	Beryllium	Total	=	0.12	µg/L	EPA 200.8	0.029	0.1	WKL	
MO-CAM	2021/22-3	Wet	3/28/2022 12:56:00 PM	4/6/2022 5:08:00 PM	Cadmium	Dissolved	<	0.042	µg/L	EPA 200.8	0.042	0.2	WKL	
MO-CAM	2021/22-3	Wet	3/28/2022 12:56:00 PM	4/6/2022 5:10:00 PM	Cadmium	Total	=	0.26	µg/L	EPA 200.8	0.042	0.2	WKL	
MO-CAM	2021/22-3	Wet	3/28/2022 12:56:00 PM	4/6/2022 5:08:00 PM	Chromium	Dissolved	=	0.55	µg/L	EPA 200.8	0.089	0.2	WKL	
MO-CAM	2021/22-3	Wet	3/28/2022 12:56:00 PM	4/6/2022 5:10:00 PM	Chromium	Total	=	7.3	µg/L	EPA 200.8	0.089	0.2	WKL	
MO-CAM	2021/22-3	Wet	3/28/2022 12:56:00 PM	4/6/2022 2:24:00 PM	Chromium VI	n/a	=	0.32	µg/L	EPA 218.6	0.0079	0.02	WKL	
MO-CAM	2021/22-3	Wet	3/28/2022 12:56:00 PM	4/6/2022 5:08:00 PM	Copper	Dissolved	=	6.2	µg/L	EPA 200.8	0.23	0.5	WKL	
MO-CAM	2021/22-3	Wet	3/28/2022 12:56:00 PM	4/6/2022 5:10:00 PM	Copper	Total	=	26	µg/L	EPA 200.8	0.23	0.5	WKL	
MO-CAM	2021/22-3	Wet	3/28/2022 12:56:00 PM	4/6/2022 5:08:00 PM	Iron	Dissolved	=	60	µg/L	EPA 200.8	3.9	20	WKL	
MO-CAM	2021/22-3	Wet	3/28/2022 12:56:00 PM	4/6/2022 5:10:00 PM	Iron	Total	=	4500	µg/L	EPA 200.8	3.9	20	WKL	
MO-CAM	2021/22-3	Wet	3/28/2022 12:56:00 PM	4/6/2022 5:08:00 PM	Lead	Dissolved	=	0.24	µg/L	EPA 200.8	0.083	0.2	WKL	
MO-CAM	2021/22-3	Wet	3/28/2022 12:56:00 PM	4/6/2022 5:10:00 PM	Lead	Total	=	6.1	µg/L	EPA 200.8	0.083	0.2	WKL	
MO-CAM	2021/22-3	Wet	3/28/2022 12:56:00 PM	3/31/2022 10:56:00 AM	Mercury	Dissolved	DNQ	41	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-CAM	2021/22-3	Wet	3/28/2022 12:56:00 PM	3/31/2022 10:58:00 AM	Mercury	Total	DNQ	26	ng/L	EPA 245.1	17	50	WKL	
MO-CAM	2021/22-3	Wet	3/28/2022 12:56:00 PM	4/6/2022 5:08:00 PM	Nickel	Dissolved	DNQ	1.9	µg/L	EPA 200.8	0.16	2	WKL	
MO-CAM	2021/22-3	Wet	3/28/2022 12:56:00 PM	4/6/2022 5:10:00 PM	Nickel	Total	=	7.3	µg/L	EPA 200.8	0.16	2	WKL	
MO-CAM	2021/22-3	Wet	3/28/2022 12:56:00 PM	4/6/2022 5:08:00 PM	Selenium	Dissolved	DNQ	0.15	µg/L	EPA 200.8	0.067	0.4	WKL	
MO-CAM	2021/22-3	Wet	3/28/2022 12:56:00 PM	4/6/2022 5:10:00 PM	Selenium	Total	DNQ	0.23	µg/L	EPA 200.8	0.067	0.4	WKL	
MO-CAM	2021/22-3	Wet	3/28/2022 12:56:00 PM	4/6/2022 5:08:00 PM	Silver	Dissolved	<	0.03	µg/L	EPA 200.8	0.03	0.2	WKL	
MO-CAM	2021/22-3	Wet	3/28/2022 12:56:00 PM	4/6/2022 5:10:00 PM	Silver	Total	<	0.13	µg/L	EPA 200.8	0.13	0.2	WKL	
MO-CAM	2021/22-3	Wet	3/28/2022 12:56:00 PM	4/6/2022 5:08:00 PM	Thallium	Dissolved	<	0.021	µg/L	EPA 200.8	0.021	0.2	WKL	
MO-CAM	2021/22-3	Wet	3/28/2022 12:56:00 PM	4/6/2022 5:10:00 PM	Thallium	Total	DNQ	0.049	µg/L	EPA 200.8	0.021	0.2	WKL	
MO-CAM	2021/22-3	Wet	3/28/2022 12:56:00 PM	4/6/2022 5:08:00 PM	Zinc	Dissolved	=	25	µg/L	EPA 200.8	0.8	10	WKL	
MO-CAM	2021/22-3	Wet	3/28/2022 12:56:00 PM	4/6/2022 5:10:00 PM	Zinc	Total	=	130	µg/L	EPA 200.8	1.7	10	WKL	
MO-CAM	2021/22-3	Wet	3/28/2022 12:56:00 PM	4/4/2022 4:07:00 PM	Ammonia as N	n/a	=	0.5	mg/L	EPA 350.1	0.017	0.1	WKL	
MO-CAM	2021/22-3	Wet	3/28/2022 12:56:00 PM	4/9/2022 2:55:00 PM	Nitrate + Nitrite as N	n/a	=	0.61	mg/L	EPA 353.2	0.036	0.2	WKL	
MO-CAM	2021/22-3	Wet	3/28/2022 12:56:00 PM	4/7/2022 5:20:00 PM	Phosphorus as P	Dissolved	=	0.31	mg/L	EPA 200.7	0.018	0.05	WKL	
MO-CAM	2021/22-3	Wet	3/28/2022 12:56:00 PM	4/7/2022 5:23:00 PM	Phosphorus as P	Total	=	0.61	mg/L	EPA 200.7	0.018	0.05	WKL	
MO-CAM	2021/22-3	Wet	3/28/2022 12:56:00 PM	4/6/2022 4:18:00 PM	TKN	n/a	=	2.4	mg/L	EPA 351.2	0.26	0.4	WKL	
MO-CAM	2021/22-3	Wet	3/28/2022 12:56:00 PM	4/28/2022 2:01:00 AM	1,2,4-Trichlorobenzene	n/a	<	2.4	µg/L	EPA 625.1	2.4	5	WKL	
MO-CAM	2021/22-3	Wet	3/28/2022 12:56:00 PM	4/28/2022 2:01:00 AM	1,2-Dichlorobenzene	n/a	<	2.3	µg/L	EPA 625.1	2.3	5	WKL	
MO-CAM	2021/22-3	Wet	3/28/2022 12:56:00 PM	4/28/2022 2:01:00 AM	1,2-Diphenylhydrazine	n/a	<	1.5	µg/L	EPA 625.1	1.5	5	WKL	
MO-CAM	2021/22-3	Wet	3/28/2022 12:56:00 PM	4/28/2022 2:01:00 AM	1,3-Dichlorobenzene	n/a	<	2.1	µg/L	EPA 625.1	2.1	5	WKL	
MO-CAM	2021/22-3	Wet	3/28/2022 12:56:00 PM	4/28/2022 2:01:00 AM	1,4-Dichlorobenzene	n/a	<	2.4	µg/L	EPA 625.1	2.4	5	WKL	
MO-CAM	2021/22-3	Wet	3/28/2022 12:56:00 PM	4/20/2022 6:53:00 AM	1-Methylnaphthalene	n/a	<	0.12	µg/L	EPA 8270C	0.12	0.5	WKL	
MO-CAM	2021/22-3	Wet	3/28/2022 12:56:00 PM	4/29/2022 6:44:00 AM	2,4,5-Trichlorophenol	n/a	<	1.4	µg/L	EPA 8270C	1.4	5	WKL	
MO-CAM	2021/22-3	Wet	3/28/2022 12:56:00 PM	4/29/2022 6:44:00 AM	2,4,6-Trichlorophenol	n/a	<	1.5	µg/L	EPA 8270C	1.5	5	WKL	
MO-CAM	2021/22-3	Wet	3/28/2022 12:56:00 PM	4/28/2022 2:01:00 AM	2,4,6-Trichlorophenol	n/a	<	1.1	µg/L	EPA 625.1	1.1	5	WKL	
MO-CAM	2021/22-3	Wet	3/28/2022 12:56:00 PM	4/28/2022 2:01:00 AM	2,4-Dichlorophenol	n/a	<	1.3	µg/L	EPA 625.1	1.3	5	WKL	
MO-CAM	2021/22-3	Wet	3/28/2022 12:56:00 PM	4/29/2022 6:44:00 AM	2,4-Dichlorophenol	n/a	<	2.6	µg/L	EPA 8270C	2.6	5	WKL	
MO-CAM	2021/22-3	Wet	3/28/2022 12:56:00 PM	4/28/2022 2:01:00 AM	2,4-Dimethylphenol	n/a	<	3.8	µg/L	EPA 625.1	3.8	5	WKL	
MO-CAM	2021/22-3	Wet	3/28/2022 12:56:00 PM	4/29/2022 6:44:00 AM	2,4-Dimethylphenol	n/a	<	5	µg/L	EPA 8270C	5	10	WKL	
MO-CAM	2021/22-3	Wet	3/28/2022 12:56:00 PM	4/28/2022 2:01:00 AM	2,4-Dinitrophenol	n/a	<	9.4	µg/L	EPA 625.1	9.4	50	WKL	
MO-CAM	2021/22-3	Wet	3/28/2022 12:56:00 PM	4/29/2022 6:44:00 AM	2,4-Dinitrophenol	n/a	<	5	µg/L	EPA 8270C	5	10	WKL	
MO-CAM	2021/22-3	Wet	3/28/2022 12:56:00 PM	4/28/2022 2:01:00 AM	2,4-Dinitrotoluene	n/a	<	2.3	µg/L	EPA 625.1	2.3	5	WKL	
MO-CAM	2021/22-3	Wet	3/28/2022 12:56:00 PM	4/28/2022 2:01:00 AM	2,6-Dinitrotoluene	n/a	<	1.4	µg/L	EPA 625.1	1.4	5	WKL	
MO-CAM	2021/22-3	Wet	3/28/2022 12:56:00 PM	4/28/2022 2:01:00 AM	2-Chloronaphthalene	n/a	<	2.2	µg/L	EPA 625.1	2.2	5	WKL	
MO-CAM	2021/22-3	Wet	3/28/2022 12:56:00 PM	4/28/2022 2:01:00 AM	2-Chlorophenol	n/a	<	1.4	µg/L	EPA 625.1	1.4	5	WKL	
MO-CAM	2021/22-3	Wet	3/28/2022 12:56:00 PM	4/29/2022 6:44:00 AM	2-Chlorophenol	n/a	<	3.2	µg/L	EPA 8270C	3.2	5	WKL	
MO-CAM	2021/22-3	Wet	3/28/2022 12:56:00 PM	4/20/2022 6:53:00 AM	2-Methylnaphthalene	n/a	<	0.13	µg/L	EPA 8270C	0.13	0.5	WKL	
MO-CAM	2021/22-3	Wet	3/28/2022 12:56:00 PM	4/29/2022 6:44:00 AM	2-Methylphenol	n/a	<	1.7	µg/L	EPA 8270C	1.7	5	WKL	
MO-CAM	2021/22-3	Wet	3/28/2022 12:56:00 PM	4/29/2022 6:44:00 AM	2-Nitrophenol	n/a	<	3.6	µg/L	EPA 8270C	3.6	5	WKL	
MO-CAM	2021/22-3	Wet	3/28/2022 12:56:00 PM	4/28/2022 2:01:00 AM	2-Nitrophenol	n/a	<	1.3	µg/L	EPA 625.1	1.3	5	WKL	
MO-CAM	2021/22-3	Wet	3/28/2022 12:56:00 PM	4/28/2022 2:01:00 AM	3,3'-Dichlorobenzidine	n/a	<	12	µg/L	EPA 625.1	12	25	WKL	
MO-CAM	2021/22-3	Wet	3/28/2022 12:56:00 PM	4/29/2022 6:44:00 AM	3-/4-Methylphenol	n/a	<	1.5	µg/L	EPA 8270C	1.5	5	WKL	
MO-CAM	2021/22-3	Wet	3/28/2022 12:56:00 PM	4/28/2022 2:01:00 AM	4,6-Dinitro-2-methylphenol	n/a	<	2.5	µg/L	EPA 625.1	2.5	25	WKL	
MO-CAM	2021/22-3	Wet	3/28/2022 12:56:00 PM	4/29/2022 6:44:00 AM	4,6-Dinitro-2-methylphenol	n/a	<	0.7	µg/L	EPA 8270C	0.7	5	WKL	
MO-CAM	2021/22-3	Wet	3/28/2022 12:56:00 PM	4/28/2022 2:01:00 AM	4-Bromophenyl phenyl ether	n/a	<	1.8	µg/L	EPA 625.1	1.8	5	WKL	
MO-CAM	2021/22-3	Wet	3/28/2022 12:56:00 PM	4/28/2022 2:01:00 AM	4-Chloro-3-methylphenol	n/a	<	1.2	µg/L	EPA 625.1	1.2	5	WKL	
MO-CAM	2021/22-3	Wet	3/28/2022 12:56:00 PM	4/29/2022 6:44:00 AM	4-Chloro-3-methylphenol	n/a	<	1.8	µg/L	EPA 8270C	1.8	5	WKL	
MO-CAM	2021/22-3	Wet	3/28/2022 12:56:00 PM	4/28/2022 2:01:00 AM	4-Chlorophenyl phenyl ether	n/a	<	2	µg/L	EPA 625.1	2	5	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-CAM	2021/22-3	Wet	3/28/2022 12:56:00 PM	4/28/2022 2:01:00 AM	4-Nitrophenol	n/a	<	6.2	µg/L	EPA 625.1	6.2	25	WKL	
MO-CAM	2021/22-3	Wet	3/28/2022 12:56:00 PM	4/29/2022 6:44:00 AM	4-Nitrophenol	n/a	<	5	µg/L	EPA 8270C	5	10	WKL	
MO-CAM	2021/22-3	Wet	3/28/2022 12:56:00 PM	4/28/2022 2:01:00 AM	Acenaphthene	n/a	<	1.9	µg/L	EPA 625.1	1.9	5	WKL	
MO-CAM	2021/22-3	Wet	3/28/2022 12:56:00 PM	4/20/2022 6:53:00 AM	Acenaphthene	n/a	<	0.14	µg/L	EPA 8270C	0.14	0.5	WKL	
MO-CAM	2021/22-3	Wet	3/28/2022 12:56:00 PM	4/28/2022 2:01:00 AM	Acenaphthylene	n/a	<	1.8	µg/L	EPA 625.1	1.8	5	WKL	
MO-CAM	2021/22-3	Wet	3/28/2022 12:56:00 PM	4/20/2022 6:53:00 AM	Acenaphthylene	n/a	<	0.16	µg/L	EPA 8270C	0.16	0.5	WKL	
MO-CAM	2021/22-3	Wet	3/28/2022 12:56:00 PM	4/28/2022 2:01:00 AM	Anthracene	n/a	<	2	µg/L	EPA 625.1	2	5	WKL	
MO-CAM	2021/22-3	Wet	3/28/2022 12:56:00 PM	4/20/2022 6:53:00 AM	Anthracene	n/a	DNQ	0.14	µg/L	EPA 8270C	0.12	0.5	WKL	
MO-CAM	2021/22-3	Wet	3/28/2022 12:56:00 PM	4/20/2022 6:53:00 AM	Benz(a)anthracene	n/a	DNQ	0.28	µg/L	EPA 8270C	0.26	0.5	WKL	
MO-CAM	2021/22-3	Wet	3/28/2022 12:56:00 PM	4/28/2022 2:01:00 AM	Benz(a)anthracene	n/a	<	0.95	µg/L	EPA 625.1	0.95	5	WKL	
MO-CAM	2021/22-3	Wet	3/28/2022 12:56:00 PM	4/28/2022 2:01:00 AM	Benzidene	n/a	<	16	µg/L	EPA 625.1	16	50	WKL	
MO-CAM	2021/22-3	Wet	3/28/2022 12:56:00 PM	3/31/2022 10:43:00 PM	Benzo(a)pyrene	n/a	<	0.1	µg/L	EPA 525.2	0.1	0.5	WKL	
MO-CAM	2021/22-3	Wet	3/28/2022 12:56:00 PM	4/28/2022 2:01:00 AM	Benzo(a)pyrene	n/a	<	2	µg/L	EPA 625.1	2	5	WKL	
MO-CAM	2021/22-3	Wet	3/28/2022 12:56:00 PM	4/20/2022 6:53:00 AM	Benzo(a)pyrene	n/a	DNQ	0.39	µg/L	EPA 8270C	0.26	0.5	WKL	
MO-CAM	2021/22-3	Wet	3/28/2022 12:56:00 PM	4/28/2022 2:01:00 AM	Benzo(b)fluoranthene	n/a	<	2.3	µg/L	EPA 625.1	2.3	5	WKL	
MO-CAM	2021/22-3	Wet	3/28/2022 12:56:00 PM	4/20/2022 6:53:00 AM	Benzo(b)fluoranthene	n/a	DNQ	0.39	µg/L	EPA 8270C	0.37	0.5	WKL	
MO-CAM	2021/22-3	Wet	3/28/2022 12:56:00 PM	4/28/2022 2:01:00 AM	Benzo(g,h,i)perylene	n/a	<	2.1	µg/L	EPA 625.1	2.1	10	WKL	
MO-CAM	2021/22-3	Wet	3/28/2022 12:56:00 PM	4/20/2022 6:53:00 AM	Benzo(g,h,i)perylene	n/a	DNQ	0.32	µg/L	EPA 8270C	0.25	0.5	WKL	
MO-CAM	2021/22-3	Wet	3/28/2022 12:56:00 PM	4/28/2022 2:01:00 AM	Benzo(k)fluoranthene	n/a	<	1.1	µg/L	EPA 625.1	1.1	5	WKL	
MO-CAM	2021/22-3	Wet	3/28/2022 12:56:00 PM	4/20/2022 6:53:00 AM	Benzo(k)fluoranthene	n/a	DNQ	0.26	µg/L	EPA 8270C	0.13	0.5	WKL	UL-MB
MO-CAM	2021/22-3	Wet	3/28/2022 12:56:00 PM	4/28/2022 2:01:00 AM	Bis(2-chloroethoxy)methane	n/a	<	1.2	µg/L	EPA 625.1	1.2	5	WKL	
MO-CAM	2021/22-3	Wet	3/28/2022 12:56:00 PM	4/28/2022 2:01:00 AM	Bis(2-chloroethyl)ether	n/a	<	1.4	µg/L	EPA 625.1	1.4	5	WKL	
MO-CAM	2021/22-3	Wet	3/28/2022 12:56:00 PM	4/28/2022 2:01:00 AM	Bis(2-chloroisopropyl)ether	n/a	<	1.9	µg/L	EPA 625.1	1.9	5	WKL	
MO-CAM	2021/22-3	Wet	3/28/2022 12:56:00 PM	3/31/2022 10:43:00 PM	Bis(2-ethylhexyl)adipate	n/a	<	2.1	µg/L	EPA 525.2	2.1	25	WKL	
MO-CAM	2021/22-3	Wet	3/28/2022 12:56:00 PM	3/31/2022 10:43:00 PM	Bis(2-ethylhexyl)phthalate	n/a	<	2	µg/L	EPA 525.2	2	15	WKL	
MO-CAM	2021/22-3	Wet	3/28/2022 12:56:00 PM	4/28/2022 2:01:00 AM	Bis(2-ethylhexyl)phthalate	n/a	<	12	µg/L	EPA 625.1	12	25	WKL	
MO-CAM	2021/22-3	Wet	3/28/2022 12:56:00 PM	4/28/2022 2:01:00 AM	Butyl benzyl phthalate	n/a	<	2.5	µg/L	EPA 625.1	2.5	5	WKL	
MO-CAM	2021/22-3	Wet	3/28/2022 12:56:00 PM	4/28/2022 2:01:00 AM	Chrysene	n/a	<	0.95	µg/L	EPA 625.1	0.95	5	WKL	
MO-CAM	2021/22-3	Wet	3/28/2022 12:56:00 PM	4/20/2022 6:53:00 AM	Chrysene	n/a	<	0.37	µg/L	EPA 8270C	0.37	0.5	WKL	
MO-CAM	2021/22-3	Wet	3/28/2022 12:56:00 PM	4/28/2022 2:01:00 AM	Dibenz(a,h)anthracene	n/a	<	0.75	µg/L	EPA 625.1	0.75	10	WKL	
MO-CAM	2021/22-3	Wet	3/28/2022 12:56:00 PM	4/20/2022 6:53:00 AM	Dibenz(a,h)anthracene	n/a	DNQ	0.31	µg/L	EPA 8270C	0.18	0.5	WKL	UL-MB
MO-CAM	2021/22-3	Wet	3/28/2022 12:56:00 PM	4/28/2022 2:01:00 AM	Diethyl phthalate	n/a	<	1.7	µg/L	EPA 625.1	1.7	5	WKL	
MO-CAM	2021/22-3	Wet	3/28/2022 12:56:00 PM	4/28/2022 2:01:00 AM	Dimethyl phthalate	n/a	<	0.9	µg/L	EPA 625.1	0.9	5	WKL	
MO-CAM	2021/22-3	Wet	3/28/2022 12:56:00 PM	4/28/2022 2:01:00 AM	Di-n-butylphthalate	n/a	<	1.7	µg/L	EPA 625.1	1.7	5	WKL	
MO-CAM	2021/22-3	Wet	3/28/2022 12:56:00 PM	4/28/2022 2:01:00 AM	Di-n-octylphthalate	n/a	<	2.3	µg/L	EPA 625.1	2.3	5	WKL	
MO-CAM	2021/22-3	Wet	3/28/2022 12:56:00 PM	4/20/2022 6:53:00 AM	Fluoranthene	n/a	DNQ	0.3	µg/L	EPA 8270C	0.2	0.5	WKL	
MO-CAM	2021/22-3	Wet	3/28/2022 12:56:00 PM	4/28/2022 2:01:00 AM	Fluoranthene	n/a	<	1.7	µg/L	EPA 625.1	1.7	5	WKL	
MO-CAM	2021/22-3	Wet	3/28/2022 12:56:00 PM	4/28/2022 2:01:00 AM	Fluorene	n/a	<	1.8	µg/L	EPA 625.1	1.8	5	WKL	
MO-CAM	2021/22-3	Wet	3/28/2022 12:56:00 PM	4/20/2022 6:53:00 AM	Fluorene	n/a	<	0.14	µg/L	EPA 8270C	0.14	0.5	WKL	
MO-CAM	2021/22-3	Wet	3/28/2022 12:56:00 PM	4/28/2022 2:01:00 AM	Hexachlorobenzene	n/a	<	2.4	µg/L	EPA 625.1	2.4	5	WKL	
MO-CAM	2021/22-3	Wet	3/28/2022 12:56:00 PM	4/28/2022 2:01:00 AM	Hexachlorobutadiene	n/a	<	2.4	µg/L	EPA 625.1	2.4	5	WKL	
MO-CAM	2021/22-3	Wet	3/28/2022 12:56:00 PM	3/31/2022 10:43:00 PM	Hexachlorocyclopentadiene	n/a	<	0.46	µg/L	EPA 525.2	0.46	5	WKL	
MO-CAM	2021/22-3	Wet	3/28/2022 12:56:00 PM	4/28/2022 2:01:00 AM	Hexachlorocyclopentadiene	n/a	<	1.6	µg/L	EPA 625.1	1.6	25	WKL	
MO-CAM	2021/22-3	Wet	3/28/2022 12:56:00 PM	4/28/2022 2:01:00 AM	Hexachloroethane	n/a	<	2.5	µg/L	EPA 625.1	2.5	5	WKL	
MO-CAM	2021/22-3	Wet	3/28/2022 12:56:00 PM	4/28/2022 2:01:00 AM	Indeno(1,2,3-cd)pyrene	n/a	<	1.2	µg/L	EPA 625.1	1.2	10	WKL	
MO-CAM	2021/22-3	Wet	3/28/2022 12:56:00 PM	4/20/2022 6:53:00 AM	Indeno(1,2,3-cd)pyrene	n/a	DNQ	0.36	µg/L	EPA 8270C	0.32	0.5	WKL	
MO-CAM	2021/22-3	Wet	3/28/2022 12:56:00 PM	4/28/2022 2:01:00 AM	Isophorone	n/a	<	1	µg/L	EPA 625.1	1	5	WKL	
MO-CAM	2021/22-3	Wet	3/28/2022 12:56:00 PM	4/28/2022 2:01:00 AM	Naphthalene	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-CAM	2021/22-3	Wet	3/28/2022 12:56:00 PM	4/20/2022 6:53:00 AM	Naphthalene	n/a	<	0.13	µg/L	EPA 8270C	0.13	0.5	WKL	
MO-CAM	2021/22-3	Wet	3/28/2022 12:56:00 PM	4/28/2022 2:01:00 AM	Nitrobenzene	n/a	<	1.8	µg/L	EPA 625.1	1.8	5	WKL	
MO-CAM	2021/22-3	Wet	3/28/2022 12:56:00 PM	4/28/2022 2:01:00 AM	N-Nitrosodimethylamine	n/a	<	2.5	µg/L	EPA 625.1	2.5	5	WKL	
MO-CAM	2021/22-3	Wet	3/28/2022 12:56:00 PM	4/28/2022 2:01:00 AM	N-Nitrosodi-N-propylamine	n/a	<	1.3	µg/L	EPA 625.1	1.3	5	WKL	
MO-CAM	2021/22-3	Wet	3/28/2022 12:56:00 PM	4/28/2022 2:01:00 AM	N-Nitrosodiphenylamine	n/a	<	0.95	µg/L	EPA 625.1	0.95	5	WKL	
MO-CAM	2021/22-3	Wet	3/28/2022 12:56:00 PM	4/28/2022 2:01:00 AM	Phenanthrene	n/a	<	1.6	µg/L	EPA 625.1	1.6	5	WKL	
MO-CAM	2021/22-3	Wet	3/28/2022 12:56:00 PM	4/20/2022 6:53:00 AM	Phenanthrene	n/a	<	0.14	µg/L	EPA 8270C	0.14	0.5	WKL	
MO-CAM	2021/22-3	Wet	3/28/2022 12:56:00 PM	4/28/2022 2:01:00 AM	Phenol	n/a	<	4.1	µg/L	EPA 625.1	4.1	5	WKL	
MO-CAM	2021/22-3	Wet	3/28/2022 12:56:00 PM	4/29/2022 6:44:00 AM	Phenol	n/a	<	1.8	µg/L	EPA 8270C	1.8	5	WKL	
MO-CAM	2021/22-3	Wet	3/28/2022 12:56:00 PM	4/28/2022 2:01:00 AM	Pyrene	n/a	<	1.2	µg/L	EPA 625.1	1.2	5	WKL	
MO-CAM	2021/22-3	Wet	3/28/2022 12:56:00 PM	4/20/2022 6:53:00 AM	Pyrene	n/a	DNQ	0.28	µg/L	EPA 8270C	0.2	0.5	WKL	
MO-CAM	2021/22-3	Wet	3/28/2022 12:56:00 PM	4/10/2022 1:12:00 AM	PCB Aroclor 1016	n/a	<	5	µg/L	EPA 608.3	5	5	WKL	
MO-CAM	2021/22-3	Wet	3/28/2022 12:56:00 PM	4/10/2022 1:12:00 AM	PCB Aroclor 1221	n/a	<	5	µg/L	EPA 608.3	5	5	WKL	
MO-CAM	2021/22-3	Wet	3/28/2022 12:56:00 PM	4/10/2022 1:12:00 AM	PCB Aroclor 1232	n/a	<	5	µg/L	EPA 608.3	5	5	WKL	
MO-CAM	2021/22-3	Wet	3/28/2022 12:56:00 PM	4/10/2022 1:12:00 AM	PCB Aroclor 1242	n/a	<	5	µg/L	EPA 608.3	5	5	WKL	
MO-CAM	2021/22-3	Wet	3/28/2022 12:56:00 PM	4/10/2022 1:12:00 AM	PCB Aroclor 1248	n/a	<	5	µg/L	EPA 608.3	5	5	WKL	
MO-CAM	2021/22-3	Wet	3/28/2022 12:56:00 PM	4/10/2022 1:12:00 AM	PCB Aroclor 1254	n/a	<	5	µg/L	EPA 608.3	5	5	WKL	
MO-CAM	2021/22-3	Wet	3/28/2022 12:56:00 PM	4/10/2022 1:12:00 AM	PCB Aroclor 1260	n/a	<	5	µg/L	EPA 608.3	5	5	WKL	
MO-CAM	2021/22-3	Wet	3/28/2022 12:56:00 PM	4/1/2022 3:20:00 AM	2,4,5-T	n/a	<	0.03	µg/L	EPA 515.4	0.03	0.2	WKL	
MO-CAM	2021/22-3	Wet	3/28/2022 12:56:00 PM	4/1/2022 3:20:00 AM	2,4,5-TP	n/a	<	0.026	µg/L	EPA 515.4	0.026	0.2	WKL	
MO-CAM	2021/22-3	Wet	3/28/2022 12:56:00 PM	4/1/2022 3:20:00 AM	2,4-D	n/a	=	1.2	µg/L	EPA 515.4	0.14	0.4	WKL	
MO-CAM	2021/22-3	Wet	3/28/2022 12:56:00 PM	4/1/2022 3:20:00 AM	2,4-DB	n/a	<	2	µg/L	EPA 515.4	2	2	WKL	
MO-CAM	2021/22-3	Wet	3/28/2022 12:56:00 PM	4/1/2022 3:20:00 AM	3,5-Dichlorobenzoic acid	n/a	<	1	µg/L	EPA 515.4	1	1	WKL	
MO-CAM	2021/22-3	Wet	3/28/2022 12:56:00 PM	4/10/2022 1:12:00 AM	4,4'-DDD	n/a	<	0.007	µg/L	EPA 608.3	0.007	0.5	WKL	
MO-CAM	2021/22-3	Wet	3/28/2022 12:56:00 PM	4/10/2022 1:12:00 AM	4,4'-DDE	n/a	DNQ	0.026	µg/L	EPA 608.3	0.007	0.5	WKL	
MO-CAM	2021/22-3	Wet	3/28/2022 12:56:00 PM	4/10/2022 1:12:00 AM	4,4'-DDT	n/a	<	0.011	µg/L	EPA 608.3	0.011	0.1	WKL	
MO-CAM	2021/22-3	Wet	3/28/2022 12:56:00 PM	4/1/2022 3:20:00 AM	Acifluorfen	n/a	<	0.4	µg/L	EPA 515.4	0.4	0.4	WKL	
MO-CAM	2021/22-3	Wet	3/28/2022 12:56:00 PM	3/31/2022 10:43:00 PM	Alachlor	n/a	<	0.15	µg/L	EPA 525.2	0.15	0.5	WKL	
MO-CAM	2021/22-3	Wet	3/28/2022 12:56:00 PM	4/10/2022 1:12:00 AM	Aldrin	n/a	<	0.01	µg/L	EPA 608.3	0.01	0.05	WKL	
MO-CAM	2021/22-3	Wet	3/28/2022 12:56:00 PM	4/10/2022 1:12:00 AM	alpha-BHC	n/a	<	0.011	µg/L	EPA 608.3	0.011	0.1	WKL	
MO-CAM	2021/22-3	Wet	3/28/2022 12:56:00 PM	4/10/2022 1:12:00 AM	alpha-Chlordane	n/a	<	0.029	µg/L	EPA 608.3	0.029	0.1	WKL	
MO-CAM	2021/22-3	Wet	3/28/2022 12:56:00 PM	3/31/2022 10:43:00 PM	Atrazine	n/a	<	0.054	µg/L	EPA 525.2	0.054	0.5	WKL	
MO-CAM	2021/22-3	Wet	3/28/2022 12:56:00 PM	4/1/2022 7:26:00 PM	Azinphos methyl	n/a	<	0.011	µg/L	EPA 625.1m	0.011	0.02	WKL	
MO-CAM	2021/22-3	Wet	3/28/2022 12:56:00 PM	4/1/2022 3:20:00 AM	Bentazon	n/a	<	0.23	µg/L	EPA 515.4	0.23	2	WKL	
MO-CAM	2021/22-3	Wet	3/28/2022 12:56:00 PM	4/10/2022 1:12:00 AM	beta-BHC	n/a	<	0.015	µg/L	EPA 608.3	0.015	0.05	WKL	
MO-CAM	2021/22-3	Wet	3/28/2022 12:56:00 PM	4/1/2022 7:26:00 PM	Bolstar	n/a	<	0.0092	µg/L	EPA 625.1m	0.0092	0.02	WKL	
MO-CAM	2021/22-3	Wet	3/28/2022 12:56:00 PM	3/31/2022 10:43:00 PM	Bromacil	n/a	<	0.35	µg/L	EPA 525.2	0.35	2.5	WKL	
MO-CAM	2021/22-3	Wet	3/28/2022 12:56:00 PM	3/31/2022 10:43:00 PM	Butachlor	n/a	<	0.061	µg/L	EPA 525.2	0.061	0.5	WKL	
MO-CAM	2021/22-3	Wet	3/28/2022 12:56:00 PM	3/31/2022 10:43:00 PM	Captan	n/a	<	1.6	µg/L	EPA 525.2	1.6	5	WKL	
MO-CAM	2021/22-3	Wet	3/28/2022 12:56:00 PM	4/10/2022 1:12:00 AM	Chlordane (technical)	n/a	<	0.43	µg/L	EPA 608.3	0.43	1	WKL	
MO-CAM	2021/22-3	Wet	3/28/2022 12:56:00 PM	3/31/2022 10:43:00 PM	Chlorpropham	n/a	<	0.2	µg/L	EPA 525.2	0.2	0.5	WKL	
MO-CAM	2021/22-3	Wet	3/28/2022 12:56:00 PM	4/1/2022 7:26:00 PM	Chlorpyrifos	n/a	<	0.014	µg/L	EPA 625.1m	0.014	0.02	WKL	
MO-CAM	2021/22-3	Wet	3/28/2022 12:56:00 PM	4/1/2022 7:26:00 PM	Coumaphos	n/a	<	0.01	µg/L	EPA 625.1m	0.01	0.02	WKL	
MO-CAM	2021/22-3	Wet	3/28/2022 12:56:00 PM	4/1/2022 3:20:00 AM	Dalapon	n/a	<	0.11	µg/L	EPA 515.4	0.11	0.4	WKL	
MO-CAM	2021/22-3	Wet	3/28/2022 12:56:00 PM	4/1/2022 3:20:00 AM	DCPA (Dacthal)	n/a	<	0.029	µg/L	EPA 515.4	0.029	0.1	WKL	
MO-CAM	2021/22-3	Wet	3/28/2022 12:56:00 PM	4/10/2022 1:12:00 AM	delta-BHC	n/a	<	0.019	µg/L	EPA 608.3	0.019	0.05	WKL	
MO-CAM	2021/22-3	Wet	3/28/2022 12:56:00 PM	4/1/2022 7:26:00 PM	Demeton-O	n/a	<	0.02	µg/L	EPA 625.1m	0.02	0.02	WKL	
MO-CAM	2021/22-3	Wet	3/28/2022 12:56:00 PM	4/1/2022 7:26:00 PM	Demeton-S	n/a	<	0.02	µg/L	EPA 625.1m	0.02	0.02	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-CAM	2021/22-3	Wet	3/28/2022 12:56:00 PM	3/31/2022 10:43:00 PM	Diazinon	n/a	<	0.11	µg/L	EPA 525.2	0.11	0.5	WKL	
MO-CAM	2021/22-3	Wet	3/28/2022 12:56:00 PM	4/1/2022 7:26:00 PM	Diazinon	n/a	<	0.01	µg/L	EPA 625.1m	0.01	0.02	WKL	
MO-CAM	2021/22-3	Wet	3/28/2022 12:56:00 PM	4/1/2022 3:20:00 AM	Dicamba	n/a	<	0.049	µg/L	EPA 515.4	0.049	0.6	WKL	
MO-CAM	2021/22-3	Wet	3/28/2022 12:56:00 PM	4/1/2022 3:20:00 AM	Dichlorprop	n/a	<	0.12	µg/L	EPA 515.4	0.12	0.3	WKL	
MO-CAM	2021/22-3	Wet	3/28/2022 12:56:00 PM	4/1/2022 7:26:00 PM	Dichlorvos	n/a	<	0.0058	µg/L	EPA 625.1m	0.0058	0.02	WKL	
MO-CAM	2021/22-3	Wet	3/28/2022 12:56:00 PM	4/10/2022 1:12:00 AM	Dieldrin	n/a	<	0.008	µg/L	EPA 608.3	0.008	0.1	WKL	
MO-CAM	2021/22-3	Wet	3/28/2022 12:56:00 PM	4/1/2022 7:26:00 PM	Dimethoate	n/a	<	0.012	µg/L	EPA 625.1m	0.012	0.02	WKL	
MO-CAM	2021/22-3	Wet	3/28/2022 12:56:00 PM	3/31/2022 10:43:00 PM	Dimethoate	n/a	<	0.1	µg/L	EPA 525.2	0.1	1	WKL	
MO-CAM	2021/22-3	Wet	3/28/2022 12:56:00 PM	4/1/2022 3:20:00 AM	Dinoseb	n/a	<	0.033	µg/L	EPA 515.4	0.033	0.4	WKL	
MO-CAM	2021/22-3	Wet	3/28/2022 12:56:00 PM	3/31/2022 10:43:00 PM	Diphenamid	n/a	<	0.15	µg/L	EPA 525.2	0.15	0.5	WKL	
MO-CAM	2021/22-3	Wet	3/28/2022 12:56:00 PM	3/31/2022 10:43:00 PM	Disulfoton	n/a	<	0.077	µg/L	EPA 525.2	0.077	0.5	WKL	
MO-CAM	2021/22-3	Wet	3/28/2022 12:56:00 PM	4/1/2022 7:26:00 PM	Disulfoton	n/a	<	0.02	µg/L	EPA 625.1m	0.02	0.02	WKL	
MO-CAM	2021/22-3	Wet	3/28/2022 12:56:00 PM	4/10/2022 1:12:00 AM	Endosulfan I	n/a	<	0.009	µg/L	EPA 608.3	0.009	0.2	WKL	
MO-CAM	2021/22-3	Wet	3/28/2022 12:56:00 PM	4/10/2022 1:12:00 AM	Endosulfan II	n/a	<	0.007	µg/L	EPA 608.3	0.007	0.1	WKL	
MO-CAM	2021/22-3	Wet	3/28/2022 12:56:00 PM	4/10/2022 1:12:00 AM	Endosulfan sulfate	n/a	<	0.013	µg/L	EPA 608.3	0.013	0.5	WKL	
MO-CAM	2021/22-3	Wet	3/28/2022 12:56:00 PM	4/10/2022 1:12:00 AM	Endrin	n/a	<	0.017	µg/L	EPA 608.3	0.017	0.1	WKL	
MO-CAM	2021/22-3	Wet	3/28/2022 12:56:00 PM	4/10/2022 1:12:00 AM	Endrin aldehyde	n/a	<	0.019	µg/L	EPA 608.3	0.019	0.1	WKL	
MO-CAM	2021/22-3	Wet	3/28/2022 12:56:00 PM	3/31/2022 10:43:00 PM	EPTC	n/a	<	0.1	µg/L	EPA 525.2	0.1	0.5	WKL	
MO-CAM	2021/22-3	Wet	3/28/2022 12:56:00 PM	4/1/2022 7:26:00 PM	Ethoprop	n/a	<	0.013	µg/L	EPA 625.1m	0.013	0.02	WKL	
MO-CAM	2021/22-3	Wet	3/28/2022 12:56:00 PM	4/1/2022 7:26:00 PM	Ethyl parathion	n/a	<	0.011	µg/L	EPA 625.1m	0.011	0.02	WKL	
MO-CAM	2021/22-3	Wet	3/28/2022 12:56:00 PM	4/1/2022 7:26:00 PM	Fensulfthion	n/a	<	0.0058	µg/L	EPA 625.1m	0.0058	0.02	WKL	
MO-CAM	2021/22-3	Wet	3/28/2022 12:56:00 PM	4/1/2022 7:26:00 PM	Fenthion	n/a	<	0.0076	µg/L	EPA 625.1m	0.0076	0.02	WKL	
MO-CAM	2021/22-3	Wet	3/28/2022 12:56:00 PM	4/10/2022 1:12:00 AM	gamma-BHC (Lindane)	n/a	<	0.004	µg/L	EPA 608.3	0.004	0.2	WKL	
MO-CAM	2021/22-3	Wet	3/28/2022 12:56:00 PM	4/10/2022 1:12:00 AM	gamma-Chlordane	n/a	<	0.023	µg/L	EPA 608.3	0.023	0.1	WKL	
MO-CAM	2021/22-3	Wet	3/28/2022 12:56:00 PM	4/4/2022 7:23:00 AM	Glyphosate	n/a	=	25	µg/L	EPA 547	1.8	5	WKL	
MO-CAM	2021/22-3	Wet	3/28/2022 12:56:00 PM	4/10/2022 1:12:00 AM	Heptachlor	n/a	<	0.006	µg/L	EPA 608.3	0.006	0.1	WKL	
MO-CAM	2021/22-3	Wet	3/28/2022 12:56:00 PM	4/10/2022 1:12:00 AM	Heptachlor epoxide	n/a	<	0.004	µg/L	EPA 608.3	0.004	0.1	WKL	
MO-CAM	2021/22-3	Wet	3/28/2022 12:56:00 PM	4/1/2022 7:26:00 PM	Malathion	n/a	=	0.052	µg/L	EPA 625.1m	0.015	0.02	WKL	
MO-CAM	2021/22-3	Wet	3/28/2022 12:56:00 PM	4/1/2022 7:26:00 PM	Merphos	n/a	<	0.012	µg/L	EPA 625.1m	0.012	0.02	WKL	
MO-CAM	2021/22-3	Wet	3/28/2022 12:56:00 PM	4/1/2022 7:26:00 PM	Methyl parathion	n/a	<	0.013	µg/L	EPA 625.1m	0.013	0.02	WKL	
MO-CAM	2021/22-3	Wet	3/28/2022 12:56:00 PM	3/31/2022 10:43:00 PM	Metolachlor	n/a	<	0.15	µg/L	EPA 525.2	0.15	0.5	WKL	
MO-CAM	2021/22-3	Wet	3/28/2022 12:56:00 PM	3/31/2022 10:43:00 PM	Metribuzin	n/a	<	0.15	µg/L	EPA 525.2	0.15	0.5	WKL	
MO-CAM	2021/22-3	Wet	3/28/2022 12:56:00 PM	4/1/2022 7:26:00 PM	Mevinphos	n/a	<	0.0084	µg/L	EPA 625.1m	0.0084	0.02	WKL	
MO-CAM	2021/22-3	Wet	3/28/2022 12:56:00 PM	3/31/2022 10:43:00 PM	Molinate	n/a	<	0.15	µg/L	EPA 525.2	0.15	0.5	WKL	
MO-CAM	2021/22-3	Wet	3/28/2022 12:56:00 PM	4/1/2022 7:26:00 PM	Naled	n/a	<	0.015	µg/L	EPA 625.1m	0.015	0.02	WKL	
MO-CAM	2021/22-3	Wet	3/28/2022 12:56:00 PM	4/1/2022 3:20:00 AM	Pentachlorophenol	n/a	=	0.37	µg/L	EPA 515.4	0.046	0.2	WKL	
MO-CAM	2021/22-3	Wet	3/28/2022 12:56:00 PM	4/28/2022 2:01:00 AM	Pentachlorophenol	n/a	DNQ	3.9	µg/L	EPA 625.1	2	5	WKL	
MO-CAM	2021/22-3	Wet	3/28/2022 12:56:00 PM	4/29/2022 6:44:00 AM	Pentachlorophenol	n/a	DNQ	2.3	µg/L	EPA 8270C	0.75	5	WKL	
MO-CAM	2021/22-3	Wet	3/28/2022 12:56:00 PM	4/1/2022 7:26:00 PM	Phorate	n/a	<	0.006	µg/L	EPA 625.1m	0.006	0.02	WKL	
MO-CAM	2021/22-3	Wet	3/28/2022 12:56:00 PM	4/1/2022 3:20:00 AM	Picloram	n/a	<	0.6	µg/L	EPA 515.4	0.6	0.6	WKL	
MO-CAM	2021/22-3	Wet	3/28/2022 12:56:00 PM	3/31/2022 10:43:00 PM	Prometryn	n/a	<	0.15	µg/L	EPA 525.2	0.15	0.5	WKL	
MO-CAM	2021/22-3	Wet	3/28/2022 12:56:00 PM	4/1/2022 7:26:00 PM	Ronnel (Fenchlorphos)	n/a	<	0.0082	µg/L	EPA 625.1m	0.0082	0.02	WKL	
MO-CAM	2021/22-3	Wet	3/28/2022 12:56:00 PM	3/31/2022 10:43:00 PM	Simazine	n/a	<	0.1	µg/L	EPA 525.2	0.1	0.5	WKL	
MO-CAM	2021/22-3	Wet	3/28/2022 12:56:00 PM	4/1/2022 7:26:00 PM	Stirophos (Tetrachlorvinphos)	n/a	<	0.0062	µg/L	EPA 625.1m	0.0062	0.02	WKL	
MO-CAM	2021/22-3	Wet	3/28/2022 12:56:00 PM	3/31/2022 10:43:00 PM	Terbacil	n/a	<	0.45	µg/L	EPA 525.2	0.45	10	WKL	
MO-CAM	2021/22-3	Wet	3/28/2022 12:56:00 PM	3/31/2022 10:43:00 PM	Thiobencarb	n/a	<	0.15	µg/L	EPA 525.2	0.15	0.5	WKL	
MO-CAM	2021/22-3	Wet	3/28/2022 12:56:00 PM	4/1/2022 7:26:00 PM	Tokuthion	n/a	<	0.016	µg/L	EPA 625.1m	0.016	0.02	WKL	
MO-CAM	2021/22-3	Wet	3/28/2022 12:56:00 PM	4/10/2022 1:12:00 AM	Toxaphene	n/a	<	0.85	µg/L	EPA 608.3	0.85	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	2021/22-3	Wet	3/28/2022 12:56:00 PM	4/1/2022 7:26:00 PM	Trichloronate	n/a	<	0.013	µg/L	EPA 625.1m	0.013	0.02	WKL	
MO-CAM	2021/22-3	Wet	3/28/2022 12:56:00 PM	3/31/2022 10:43:00 PM	Trithion	n/a	<	0.1	µg/L	EPA 525.2	0.1	0.5	WKL	
MO-CAM	2021/22-4	Dry	5/19/2022 11:15:00 AM	5/20/2022 4:00:00 PM	E. Coli	n/a	=	168	MPN/100 mL	MMO-MUG	10	10	VCHCA	
MO-CAM	2021/22-4	Dry	5/19/2022 11:15:00 AM	5/20/2022 4:00:00 PM	Total Coliform	n/a	=	34480	MPN/100 mL	MMO-MUG	100	100	VCHCA	
MO-CAM	2021/22-4	Dry	5/19/2022 11:15:00 AM	5/19/2022 11:15:00 AM	Conductivity	n/a	=	906	µmhos/cm	Field Meter	-88	1	Field Crew	
MO-CAM	2021/22-4	Dry	5/19/2022 11:15:00 AM	5/25/2022 1:38:00 PM	Cyanide	Total	<	0.0012	mg/L	ASTM D7511	0.0012	0.002	WKL	
MO-CAM	2021/22-4	Dry	5/19/2022 11:15:00 AM	5/19/2022 11:15:00 AM	DO	n/a	=	16.38	mg/L	Field Meter	-88	0.3	Field Crew	
MO-CAM	2021/22-4	Dry	5/19/2022 11:15:00 AM	5/19/2022 11:15:00 AM	DO	n/a	=	186	%	Field Meter	-88	0.1	Field Crew	
MO-CAM	2021/22-4	Dry	5/19/2022 11:15:00 AM	5/19/2022 11:15:00 AM	pH	n/a	=	9.75	pH Units	Field Meter	-88	0.01	Field Crew	
MO-CAM	2021/22-4	Dry	5/19/2022 11:15:00 AM	5/19/2022 11:15:00 AM	Salinity	n/a	=	500	mg/L	Field Meter	-88	100	Field Crew	
MO-CAM	2021/22-4	Dry	5/19/2022 11:15:00 AM	5/19/2022 11:15:00 AM	Specific Conductance	n/a	=	986	µmhos/cm	Field Meter	-88	1	Field Crew	
MO-CAM	2021/22-4	Dry	5/19/2022 11:15:00 AM	5/19/2022 11:15:00 AM	Temperature	n/a	=	20.5	°C	Field Meter	-88	0.1	Field Crew	
MO-CAM	2021/22-4	Dry	5/19/2022 11:15:00 AM	5/24/2022 7:57:00 PM	Gasoline Range Organics	n/a	DNQ	0.093	mg/L	EPA 8260B	0.065	0.1	WKL	
MO-CAM	2021/22-4	Dry	5/19/2022 11:15:00 AM	6/1/2022 9:04:00 AM	Oil and Grease	n/a	DNQ	1.4	mg/L	EPA 1664B	0.6	4	WKL	
MO-CAM	2021/22-4	Dry	5/19/2022 11:34:00 AM	5/21/2022 3:34:00 AM	Chloride	n/a	=	200	mg/L	EPA 300.0	0.38	1	WKL	
MO-CAM	2021/22-4	Dry	5/19/2022 11:34:00 AM	5/21/2022 3:34:00 AM	Fluoride	n/a	=	0.77	mg/L	EPA 300.0	0.018	0.2	WKL	
MO-CAM	2021/22-4	Dry	5/19/2022 11:34:00 AM	5/27/2022 8:47:00 PM	Perchlorate	n/a	DNQ	0.76	µg/L	EPA 331	0.39	2	WKL	
MO-CAM	2021/22-4	Dry	5/19/2022 11:34:00 AM	6/1/2022 8:47:00 PM	Calcium	Total	=	104	mg/L	EPA 200.7	0.0234	0.5	WKL	
MO-CAM	2021/22-4	Dry	5/19/2022 11:34:00 AM	6/1/2022 8:47:00 PM	Magnesium	Total	=	20	mg/L	EPA 200.7	0.039	0.5	WKL	
MO-CAM	2021/22-4	Dry	5/19/2022 11:34:00 AM	5/26/2022 7:16:00 PM	Alkalinity as CaCO3	n/a	=	170	mg/L	SM 2320 B	1.9	5	WKL	
MO-CAM	2021/22-4	Dry	5/19/2022 11:34:00 AM	5/25/2022 3:37:00 PM	BOD	n/a	=	10	mg/L	SM 5210 B	2	2	WKL	
MO-CAM	2021/22-4	Dry	5/19/2022 11:34:00 AM	5/25/2022 3:14:00 PM	COD	n/a	=	68	mg/L	EPA 410.4	2.9	5	WKL	
MO-CAM	2021/22-4	Dry	5/19/2022 11:34:00 AM	6/1/2022 8:47:00 PM	Hardness as CaCO3	Total	=	342	mg/L	EPA 200.7	0.219	3.31	WKL	
MO-CAM	2021/22-4	Dry	5/19/2022 11:34:00 AM	5/20/2022 4:34:00 PM	MBAS	n/a	=	0.082	mg/L	SM 5540 C	0.013	0.05	WKL	
MO-CAM	2021/22-4	Dry	5/19/2022 11:34:00 AM	5/25/2022 12:13:00 PM	Phenolics	n/a	=	0.021	mg/L	EPA 420.4	0.0068	0.01	WKL	
MO-CAM	2021/22-4	Dry	5/19/2022 11:34:00 AM	5/31/2022 12:57:00 PM	Specific Conductance	n/a	=	1800	µmhos/cm	SM 2510 B	3.2	6	WKL	
MO-CAM	2021/22-4	Dry	5/19/2022 11:34:00 AM	5/25/2022 11:58:00 AM	Total Dissolved Solids	n/a	=	1000	mg/L	SM 2540 C	4	10	WKL	
MO-CAM	2021/22-4	Dry	5/19/2022 11:34:00 AM	5/26/2022 6:01:00 AM	Total Organic Carbon	n/a	=	22	mg/L	SM 5310 B	0.19	0.3	WKL	
MO-CAM	2021/22-4	Dry	5/19/2022 11:34:00 AM	5/25/2022 6:00:00 PM	Total Suspended Solids	n/a	=	7	mg/L	SM 2540 D	-88	5	WKL	
MO-CAM	2021/22-4	Dry	5/19/2022 11:34:00 AM	5/20/2022 4:06:00 PM	Turbidity	n/a	=	2.8	NTU	EPA 180.1	0.017	0.1	WKL	
MO-CAM	2021/22-4	Dry	5/19/2022 11:34:00 AM	5/25/2022 6:00:00 PM	Volatile Suspended Solids	n/a	=	5	mg/L	EPA 160.4	3.1	5	WKL	
MO-CAM	2021/22-4	Dry	5/19/2022 11:34:00 AM	6/14/2022 6:09:00 PM	Diesel Range Organics	n/a	=	0.56	mg/L	EPA 8015B	0.072	0.1	WKL	
MO-CAM	2021/22-4	Dry	5/19/2022 11:34:00 AM	6/14/2022 6:09:00 PM	Oil Range Organics	n/a	<	0.33	mg/L	EPA 8015B	0.33	0.5	WKL	
MO-CAM	2021/22-4	Dry	5/19/2022 11:34:00 AM	5/31/2022 4:56:00 PM	Aluminum	Dissolved	<	4.4	µg/L	EPA 200.8	4.4	20	WKL	
MO-CAM	2021/22-4	Dry	5/19/2022 11:34:00 AM	5/31/2022 4:59:00 PM	Aluminum	Total	=	28	µg/L	EPA 200.8	4.4	20	WKL	
MO-CAM	2021/22-4	Dry	5/19/2022 11:34:00 AM	5/31/2022 4:56:00 PM	Antimony	Dissolved	=	1.1	µg/L	EPA 200.8	0.089	0.5	WKL	
MO-CAM	2021/22-4	Dry	5/19/2022 11:34:00 AM	5/31/2022 4:59:00 PM	Antimony	Total	=	1.2	µg/L	EPA 200.8	0.089	0.5	WKL	
MO-CAM	2021/22-4	Dry	5/19/2022 11:34:00 AM	5/31/2022 4:56:00 PM	Arsenic	Dissolved	=	2.8	µg/L	EPA 200.8	0.074	0.4	WKL	
MO-CAM	2021/22-4	Dry	5/19/2022 11:34:00 AM	5/31/2022 4:59:00 PM	Arsenic	Total	=	2.9	µg/L	EPA 200.8	0.074	0.4	WKL	
MO-CAM	2021/22-4	Dry	5/19/2022 11:34:00 AM	5/31/2022 4:59:00 PM	Barium	Total	=	63	µg/L	EPA 200.8	0.14	1	WKL	
MO-CAM	2021/22-4	Dry	5/19/2022 11:34:00 AM	5/31/2022 4:56:00 PM	Beryllium	Dissolved	<	0.062	µg/L	EPA 200.8	0.062	0.1	WKL	
MO-CAM	2021/22-4	Dry	5/19/2022 11:34:00 AM	5/31/2022 4:59:00 PM	Beryllium	Total	<	0.029	µg/L	EPA 200.8	0.029	0.1	WKL	
MO-CAM	2021/22-4	Dry	5/19/2022 11:34:00 AM	5/31/2022 4:56:00 PM	Cadmium	Dissolved	DNQ	0.074	µg/L	EPA 200.8	0.042	0.2	WKL	
MO-CAM	2021/22-4	Dry	5/19/2022 11:34:00 AM	5/31/2022 4:59:00 PM	Cadmium	Total	DNQ	0.081	µg/L	EPA 200.8	0.042	0.2	WKL	
MO-CAM	2021/22-4	Dry	5/19/2022 11:34:00 AM	5/31/2022 4:56:00 PM	Chromium	Dissolved	=	0.39	µg/L	EPA 200.8	0.089	0.2	WKL	
MO-CAM	2021/22-4	Dry	5/19/2022 11:34:00 AM	5/31/2022 4:59:00 PM	Chromium	Total	=	0.49	µg/L	EPA 200.8	0.089	0.2	WKL	
MO-CAM	2021/22-4	Dry	5/19/2022 11:34:00 AM	6/1/2022 3:04:00 PM	Chromium VI	n/a	=	0.29	µg/L	EPA 218.6	0.0079	0.02	WKL	
MO-CAM	2021/22-4	Dry	5/19/2022 11:34:00 AM	5/31/2022 4:56:00 PM	Copper	Dissolved	=	47	µg/L	EPA 200.8	0.23	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	2021/22-4	Dry	5/19/2022 11:34:00 AM	5/31/2022 4:59:00 PM	Copper	Total	=	53	µg/L	EPA 200.8	0.23	0.5	WKL	
MO-CAM	2021/22-4	Dry	5/19/2022 11:34:00 AM	5/31/2022 4:56:00 PM	Iron	Dissolved	DNQ	19	µg/L	EPA 200.8	3.9	20	WKL	
MO-CAM	2021/22-4	Dry	5/19/2022 11:34:00 AM	5/31/2022 4:56:00 PM	Iron	Total	=	110	µg/L	EPA 200.8	3.9	20	WKL	
MO-CAM	2021/22-4	Dry	5/19/2022 11:34:00 AM	5/31/2022 4:56:00 PM	Lead	Dissolved	<	0.083	µg/L	EPA 200.8	0.083	0.2	WKL	
MO-CAM	2021/22-4	Dry	5/19/2022 11:34:00 AM	5/31/2022 4:59:00 PM	Lead	Total	DNQ	0.18	µg/L	EPA 200.8	0.083	0.2	WKL	
MO-CAM	2021/22-4	Dry	5/19/2022 11:34:00 AM	5/27/2022 4:03:00 PM	Mercury	Dissolved	<	37	ng/L	EPA 245.1	37	50	WKL	
MO-CAM	2021/22-4	Dry	5/19/2022 11:34:00 AM	5/27/2022 4:05:00 PM	Mercury	Total	<	37	ng/L	EPA 245.1	37	50	WKL	
MO-CAM	2021/22-4	Dry	5/19/2022 11:34:00 AM	5/31/2022 4:56:00 PM	Nickel	Dissolved	=	3.5	µg/L	EPA 200.8	0.16	2	WKL	
MO-CAM	2021/22-4	Dry	5/19/2022 11:34:00 AM	5/31/2022 4:59:00 PM	Nickel	Total	=	3.7	µg/L	EPA 200.8	0.16	2	WKL	
MO-CAM	2021/22-4	Dry	5/19/2022 11:34:00 AM	5/31/2022 4:56:00 PM	Selenium	Dissolved	=	0.58	µg/L	EPA 200.8	0.067	0.4	WKL	
MO-CAM	2021/22-4	Dry	5/19/2022 11:34:00 AM	5/31/2022 4:59:00 PM	Selenium	Total	=	0.64	µg/L	EPA 200.8	0.067	0.4	WKL	
MO-CAM	2021/22-4	Dry	5/19/2022 11:34:00 AM	5/31/2022 4:56:00 PM	Silver	Dissolved	<	0.03	µg/L	EPA 200.8	0.03	0.2	WKL	
MO-CAM	2021/22-4	Dry	5/19/2022 11:34:00 AM	5/31/2022 4:59:00 PM	Silver	Total	<	0.13	µg/L	EPA 200.8	0.13	0.2	WKL	
MO-CAM	2021/22-4	Dry	5/19/2022 11:34:00 AM	5/31/2022 4:56:00 PM	Thallium	Dissolved	<	0.021	µg/L	EPA 200.8	0.021	0.2	WKL	
MO-CAM	2021/22-4	Dry	5/19/2022 11:34:00 AM	5/31/2022 4:59:00 PM	Thallium	Total	<	0.021	µg/L	EPA 200.8	0.021	0.2	WKL	
MO-CAM	2021/22-4	Dry	5/19/2022 11:34:00 AM	5/31/2022 4:56:00 PM	Zinc	Dissolved	DNQ	4.1	µg/L	EPA 200.8	0.8	10	WKL	
MO-CAM	2021/22-4	Dry	5/19/2022 11:34:00 AM	5/31/2022 4:59:00 PM	Zinc	Total	DNQ	5.3	µg/L	EPA 200.8	1.7	10	WKL	
MO-CAM	2021/22-4	Dry	5/19/2022 11:34:00 AM	5/26/2022 4:27:00 PM	Ammonia as N	n/a	DNQ	0.061	mg/L	EPA 350.1	0.017	0.1	WKL	
MO-CAM	2021/22-4	Dry	5/19/2022 11:34:00 AM	5/20/2022 5:08:00 PM	Nitrate + Nitrite as N	n/a	DNQ	0.13	mg/L	EPA 353.2	0.036	0.2	WKL	
MO-CAM	2021/22-4	Dry	5/19/2022 11:34:00 AM	6/1/2022 8:45:00 PM	Phosphorus as P	Dissolved	=	0.25	mg/L	EPA 200.7	0.018	0.05	WKL	
MO-CAM	2021/22-4	Dry	5/19/2022 11:34:00 AM	6/1/2022 8:47:00 PM	Phosphorus as P	Total	=	0.34	mg/L	EPA 200.7	0.018	0.05	WKL	
MO-CAM	2021/22-4	Dry	5/19/2022 11:34:00 AM	6/7/2022 1:35:00 PM	TKN	n/a	=	2	mg/L	EPA 351.2	0.065	0.1	WKL	
MO-CAM	2021/22-4	Dry	5/19/2022 11:34:00 AM	6/1/2022 1:59:00 AM	1,2,4-Trichlorobenzene	n/a	<	0.49	µg/L	EPA 625.1	0.49	1	WKL	
MO-CAM	2021/22-4	Dry	5/19/2022 11:34:00 AM	6/1/2022 1:59:00 AM	1,2-Dichlorobenzene	n/a	<	0.46	µg/L	EPA 625.1	0.46	1	WKL	
MO-CAM	2021/22-4	Dry	5/19/2022 11:34:00 AM	6/1/2022 1:59:00 AM	1,2-Diphenylhydrazine	n/a	<	0.3	µg/L	EPA 625.1	0.3	1	WKL	
MO-CAM	2021/22-4	Dry	5/19/2022 11:34:00 AM	6/1/2022 1:59:00 AM	1,3-Dichlorobenzene	n/a	<	0.42	µg/L	EPA 625.1	0.42	1	WKL	
MO-CAM	2021/22-4	Dry	5/19/2022 11:34:00 AM	6/1/2022 1:59:00 AM	1,4-Dichlorobenzene	n/a	<	0.48	µg/L	EPA 625.1	0.48	1	WKL	
MO-CAM	2021/22-4	Dry	5/19/2022 11:34:00 AM	6/25/2022 11:23:00 AM	1-Methylnaphthalene	n/a	DNQ	0.031	µg/L	EPA 8270C	0.024	0.1	WKL	
MO-CAM	2021/22-4	Dry	5/19/2022 11:34:00 AM	6/24/2022 7:21:00 AM	2,4,5-Trichlorophenol	n/a	<	0.29	µg/L	EPA 8270C	0.29	1	WKL	
MO-CAM	2021/22-4	Dry	5/19/2022 11:34:00 AM	6/1/2022 1:59:00 AM	2,4,6-Trichlorophenol	n/a	<	0.22	µg/L	EPA 625.1	0.22	1	WKL	
MO-CAM	2021/22-4	Dry	5/19/2022 11:34:00 AM	6/24/2022 7:21:00 AM	2,4,6-Trichlorophenol	n/a	<	0.3	µg/L	EPA 8270C	0.3	1	WKL	
MO-CAM	2021/22-4	Dry	5/19/2022 11:34:00 AM	6/1/2022 1:59:00 AM	2,4-Dichlorophenol	n/a	<	0.26	µg/L	EPA 625.1	0.26	1	WKL	
MO-CAM	2021/22-4	Dry	5/19/2022 11:34:00 AM	6/24/2022 7:21:00 AM	2,4-Dichlorophenol	n/a	<	0.51	µg/L	EPA 8270C	0.51	1	WKL	
MO-CAM	2021/22-4	Dry	5/19/2022 11:34:00 AM	6/1/2022 1:59:00 AM	2,4-Dimethylphenol	n/a	<	0.76	µg/L	EPA 625.1	0.76	1	WKL	
MO-CAM	2021/22-4	Dry	5/19/2022 11:34:00 AM	6/24/2022 7:21:00 AM	2,4-Dimethylphenol	n/a	<	1	µg/L	EPA 8270C	1	2	WKL	
MO-CAM	2021/22-4	Dry	5/19/2022 11:34:00 AM	6/1/2022 1:59:00 AM	2,4-Dinitrophenol	n/a	<	1.9	µg/L	EPA 625.1	1.9	10	WKL	
MO-CAM	2021/22-4	Dry	5/19/2022 11:34:00 AM	6/24/2022 7:21:00 AM	2,4-Dinitrophenol	n/a	<	1	µg/L	EPA 8270C	1	2	WKL	
MO-CAM	2021/22-4	Dry	5/19/2022 11:34:00 AM	6/1/2022 1:59:00 AM	2,4-Dinitrotoluene	n/a	<	0.46	µg/L	EPA 625.1	0.46	1	WKL	
MO-CAM	2021/22-4	Dry	5/19/2022 11:34:00 AM	6/1/2022 1:59:00 AM	2,6-Dinitrotoluene	n/a	<	0.27	µg/L	EPA 625.1	0.27	1	WKL	
MO-CAM	2021/22-4	Dry	5/19/2022 11:34:00 AM	6/1/2022 1:59:00 AM	2-Chloronaphthalene	n/a	<	0.45	µg/L	EPA 625.1	0.45	1	WKL	
MO-CAM	2021/22-4	Dry	5/19/2022 11:34:00 AM	6/24/2022 7:21:00 AM	2-Chlorophenol	n/a	<	0.65	µg/L	EPA 8270C	0.65	1	WKL	
MO-CAM	2021/22-4	Dry	5/19/2022 11:34:00 AM	6/1/2022 1:59:00 AM	2-Chlorophenol	n/a	<	0.28	µg/L	EPA 625.1	0.28	1	WKL	
MO-CAM	2021/22-4	Dry	5/19/2022 11:34:00 AM	6/25/2022 11:23:00 AM	2-Methylnaphthalene	n/a	<	0.026	µg/L	EPA 8270C	0.026	0.1	WKL	
MO-CAM	2021/22-4	Dry	5/19/2022 11:34:00 AM	6/24/2022 7:21:00 AM	2-Methylphenol	n/a	<	0.34	µg/L	EPA 8270C	0.34	1	WKL	
MO-CAM	2021/22-4	Dry	5/19/2022 11:34:00 AM	6/1/2022 1:59:00 AM	2-Nitrophenol	n/a	<	0.26	µg/L	EPA 625.1	0.26	1	WKL	
MO-CAM	2021/22-4	Dry	5/19/2022 11:34:00 AM	6/24/2022 7:21:00 AM	2-Nitrophenol	n/a	<	0.71	µg/L	EPA 8270C	0.71	1	WKL	
MO-CAM	2021/22-4	Dry	5/19/2022 11:34:00 AM	6/1/2022 1:59:00 AM	3,3'-Dichlorobenzidine	n/a	<	2.5	µg/L	EPA 625.1	2.5	5	WKL	
MO-CAM	2021/22-4	Dry	5/19/2022 11:34:00 AM	6/24/2022 7:21:00 AM	3-/4-Methylphenol	n/a	<	0.3	µg/L	EPA 8270C	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-CAM	2021/22-4	Dry	5/19/2022 11:34:00 AM	6/1/2022 1:59:00 AM	4,6-Dinitro-2-methylphenol	n/a	<	0.5	µg/L	EPA 625.1	0.5	5	WKL	
MO-CAM	2021/22-4	Dry	5/19/2022 11:34:00 AM	6/24/2022 7:21:00 AM	4,6-Dinitro-2-methylphenol	n/a	<	0.14	µg/L	EPA 8270C	0.14	1	WKL	
MO-CAM	2021/22-4	Dry	5/19/2022 11:34:00 AM	6/1/2022 1:59:00 AM	4-Bromophenyl phenyl ether	n/a	<	0.36	µg/L	EPA 625.1	0.36	1	WKL	
MO-CAM	2021/22-4	Dry	5/19/2022 11:34:00 AM	6/1/2022 1:59:00 AM	4-Chloro-3-methylphenol	n/a	<	0.23	µg/L	EPA 625.1	0.23	1	WKL	
MO-CAM	2021/22-4	Dry	5/19/2022 11:34:00 AM	6/24/2022 7:21:00 AM	4-Chloro-3-methylphenol	n/a	<	0.37	µg/L	EPA 8270C	0.37	1	WKL	
MO-CAM	2021/22-4	Dry	5/19/2022 11:34:00 AM	6/1/2022 1:59:00 AM	4-Chlorophenyl phenyl ether	n/a	<	0.41	µg/L	EPA 625.1	0.41	1	WKL	
MO-CAM	2021/22-4	Dry	5/19/2022 11:34:00 AM	6/1/2022 1:59:00 AM	4-Nitrophenol	n/a	<	1.2	µg/L	EPA 625.1	1.2	5	WKL	
MO-CAM	2021/22-4	Dry	5/19/2022 11:34:00 AM	6/24/2022 7:21:00 AM	4-Nitrophenol	n/a	<	1	µg/L	EPA 8270C	1	2	WKL	
MO-CAM	2021/22-4	Dry	5/19/2022 11:34:00 AM	6/1/2022 1:59:00 AM	Acenaphthene	n/a	<	0.38	µg/L	EPA 625.1	0.38	1	WKL	
MO-CAM	2021/22-4	Dry	5/19/2022 11:34:00 AM	6/25/2022 11:23:00 AM	Acenaphthene	n/a	<	0.028	µg/L	EPA 8270C	0.028	0.1	WKL	
MO-CAM	2021/22-4	Dry	5/19/2022 11:34:00 AM	6/1/2022 1:59:00 AM	Acenaphthylene	n/a	<	0.35	µg/L	EPA 625.1	0.35	1	WKL	
MO-CAM	2021/22-4	Dry	5/19/2022 11:34:00 AM	6/25/2022 11:23:00 AM	Acenaphthylene	n/a	<	0.033	µg/L	EPA 8270C	0.033	0.1	WKL	
MO-CAM	2021/22-4	Dry	5/19/2022 11:34:00 AM	6/25/2022 11:23:00 AM	Anthracene	n/a	<	0.025	µg/L	EPA 8270C	0.025	0.1	WKL	
MO-CAM	2021/22-4	Dry	5/19/2022 11:34:00 AM	6/1/2022 1:59:00 AM	Anthracene	n/a	<	0.41	µg/L	EPA 625.1	0.41	1	WKL	
MO-CAM	2021/22-4	Dry	5/19/2022 11:34:00 AM	6/1/2022 1:59:00 AM	Benz(a)anthracene	n/a	<	0.19	µg/L	EPA 625.1	0.19	1	WKL	
MO-CAM	2021/22-4	Dry	5/19/2022 11:34:00 AM	6/25/2022 11:23:00 AM	Benz(a)anthracene	n/a	<	0.051	µg/L	EPA 8270C	0.051	0.1	WKL	
MO-CAM	2021/22-4	Dry	5/19/2022 11:34:00 AM	6/1/2022 1:59:00 AM	Benzenzidine	n/a	<	3.2	µg/L	EPA 625.1	3.2	10	WKL	
MO-CAM	2021/22-4	Dry	5/19/2022 11:34:00 AM	6/2/2022 10:29:00 PM	Benzo(a)pyrene	n/a	<	0.02	µg/L	EPA 525.2	0.02	0.1	WKL	
MO-CAM	2021/22-4	Dry	5/19/2022 11:34:00 AM	6/1/2022 1:59:00 AM	Benzo(a)pyrene	n/a	<	0.39	µg/L	EPA 625.1	0.39	1	WKL	
MO-CAM	2021/22-4	Dry	5/19/2022 11:34:00 AM	6/25/2022 11:23:00 AM	Benzo(a)pyrene	n/a	<	0.051	µg/L	EPA 8270C	0.051	0.1	WKL	
MO-CAM	2021/22-4	Dry	5/19/2022 11:34:00 AM	6/1/2022 1:59:00 AM	Benzo(b)fluoranthene	n/a	<	0.46	µg/L	EPA 625.1	0.46	1	WKL	
MO-CAM	2021/22-4	Dry	5/19/2022 11:34:00 AM	6/25/2022 11:23:00 AM	Benzo(b)fluoranthene	n/a	<	0.074	µg/L	EPA 8270C	0.074	0.1	WKL	
MO-CAM	2021/22-4	Dry	5/19/2022 11:34:00 AM	6/25/2022 11:23:00 AM	Benzo(g,h,i)perylene	n/a	<	0.05	µg/L	EPA 8270C	0.05	0.1	WKL	
MO-CAM	2021/22-4	Dry	5/19/2022 11:34:00 AM	6/1/2022 1:59:00 AM	Benzo(g,h,i)perylene	n/a	<	0.42	µg/L	EPA 625.1	0.42	2	WKL	
MO-CAM	2021/22-4	Dry	5/19/2022 11:34:00 AM	6/25/2022 11:23:00 AM	Benzo(k)fluoranthene	n/a	<	0.026	µg/L	EPA 8270C	0.026	0.1	WKL	
MO-CAM	2021/22-4	Dry	5/19/2022 11:34:00 AM	6/1/2022 1:59:00 AM	Benzo(k)fluoranthene	n/a	<	0.22	µg/L	EPA 625.1	0.22	1	WKL	
MO-CAM	2021/22-4	Dry	5/19/2022 11:34:00 AM	6/1/2022 1:59:00 AM	Bis(2-chloroethoxy)methane	n/a	<	0.25	µg/L	EPA 625.1	0.25	1	WKL	
MO-CAM	2021/22-4	Dry	5/19/2022 11:34:00 AM	6/1/2022 1:59:00 AM	Bis(2-chloroethyl)ether	n/a	<	0.27	µg/L	EPA 625.1	0.27	1	WKL	
MO-CAM	2021/22-4	Dry	5/19/2022 11:34:00 AM	6/1/2022 1:59:00 AM	Bis(2-chloroisopropyl)ether	n/a	<	0.38	µg/L	EPA 625.1	0.38	1	WKL	
MO-CAM	2021/22-4	Dry	5/19/2022 11:34:00 AM	6/2/2022 10:29:00 PM	Bis(2-ethylhexyl)adipate	n/a	<	0.42	µg/L	EPA 525.2	0.42	5	WKL	
MO-CAM	2021/22-4	Dry	5/19/2022 11:34:00 AM	6/1/2022 1:59:00 AM	Bis(2-ethylhexyl)phthalate	n/a	=	16	µg/L	EPA 625.1	2.3	5	WKL	
MO-CAM	2021/22-4	Dry	5/19/2022 11:34:00 AM	6/2/2022 10:29:00 PM	Bis(2-ethylhexyl)phthalate	n/a	<	0.41	µg/L	EPA 525.2	0.41	3	WKL	
MO-CAM	2021/22-4	Dry	5/19/2022 11:34:00 AM	6/1/2022 1:59:00 AM	Butyl benzyl phthalate	n/a	DNQ	0.52	µg/L	EPA 625.1	0.49	1	WKL	
MO-CAM	2021/22-4	Dry	5/19/2022 11:34:00 AM	6/1/2022 1:59:00 AM	Chrysene	n/a	<	0.19	µg/L	EPA 625.1	0.19	1	WKL	
MO-CAM	2021/22-4	Dry	5/19/2022 11:34:00 AM	6/25/2022 11:23:00 AM	Chrysene	n/a	<	0.074	µg/L	EPA 8270C	0.074	0.1	WKL	
MO-CAM	2021/22-4	Dry	5/19/2022 11:34:00 AM	6/1/2022 1:59:00 AM	Dibenz(a,h)anthracene	n/a	<	0.15	µg/L	EPA 625.1	0.15	2	WKL	
MO-CAM	2021/22-4	Dry	5/19/2022 11:34:00 AM	6/25/2022 11:23:00 AM	Dibenz(a,h)anthracene	n/a	<	0.036	µg/L	EPA 8270C	0.036	0.1	WKL	
MO-CAM	2021/22-4	Dry	5/19/2022 11:34:00 AM	6/1/2022 1:59:00 AM	Diethyl phthalate	n/a	<	0.35	µg/L	EPA 625.1	0.35	1	WKL	
MO-CAM	2021/22-4	Dry	5/19/2022 11:34:00 AM	6/1/2022 1:59:00 AM	Dimethyl phthalate	n/a	<	0.18	µg/L	EPA 625.1	0.18	1	WKL	
MO-CAM	2021/22-4	Dry	5/19/2022 11:34:00 AM	6/1/2022 1:59:00 AM	Di-n-butylphthalate	n/a	DNQ	0.42	µg/L	EPA 625.1	0.34	1	WKL	
MO-CAM	2021/22-4	Dry	5/19/2022 11:34:00 AM	6/1/2022 1:59:00 AM	Di-n-octylphthalate	n/a	<	0.46	µg/L	EPA 625.1	0.46	1	WKL	
MO-CAM	2021/22-4	Dry	5/19/2022 11:34:00 AM	6/1/2022 1:59:00 AM	Fluoranthene	n/a	<	0.35	µg/L	EPA 625.1	0.35	1	WKL	
MO-CAM	2021/22-4	Dry	5/19/2022 11:34:00 AM	6/25/2022 11:23:00 AM	Fluoranthene	n/a	<	0.039	µg/L	EPA 8270C	0.039	0.1	WKL	
MO-CAM	2021/22-4	Dry	5/19/2022 11:34:00 AM	6/25/2022 11:23:00 AM	Fluorene	n/a	<	0.029	µg/L	EPA 8270C	0.029	0.1	WKL	
MO-CAM	2021/22-4	Dry	5/19/2022 11:34:00 AM	6/1/2022 1:59:00 AM	Fluorene	n/a	<	0.35	µg/L	EPA 625.1	0.35	1	WKL	
MO-CAM	2021/22-4	Dry	5/19/2022 11:34:00 AM	6/1/2022 1:59:00 AM	Hexachlorobenzene	n/a	<	0.49	µg/L	EPA 625.1	0.49	1	WKL	
MO-CAM	2021/22-4	Dry	5/19/2022 11:34:00 AM	6/1/2022 1:59:00 AM	Hexachlorobutadiene	n/a	<	0.47	µg/L	EPA 625.1	0.47	1	WKL	
MO-CAM	2021/22-4	Dry	5/19/2022 11:34:00 AM	6/1/2022 1:59:00 AM	Hexachlorocyclopentadiene	n/a	<	0.31	µg/L	EPA 625.1	0.31	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	2021/22-4	Dry	5/19/2022 11:34:00 AM	6/2/2022 10:29:00 PM	Hexachlorocyclopentadiene	n/a	<	0.092	µg/L	EPA 525.2	0.092	1	WKL	
MO-CAM	2021/22-4	Dry	5/19/2022 11:34:00 AM	6/1/2022 1:59:00 AM	Hexachloroethane	n/a	<	0.5	µg/L	EPA 625.1	0.5	1	WKL	
MO-CAM	2021/22-4	Dry	5/19/2022 11:34:00 AM	6/25/2022 11:23:00 AM	Indeno(1,2,3-cd)pyrene	n/a	<	0.065	µg/L	EPA 8270C	0.065	0.1	WKL	
MO-CAM	2021/22-4	Dry	5/19/2022 11:34:00 AM	6/1/2022 1:59:00 AM	Indeno(1,2,3-cd)pyrene	n/a	<	0.25	µg/L	EPA 625.1	0.25	2	WKL	
MO-CAM	2021/22-4	Dry	5/19/2022 11:34:00 AM	6/1/2022 1:59:00 AM	Isophorone	n/a	<	0.21	µg/L	EPA 625.1	0.21	1	WKL	
MO-CAM	2021/22-4	Dry	5/19/2022 11:34:00 AM	6/25/2022 11:23:00 AM	Naphthalene	n/a	<	0.026	µg/L	EPA 8270C	0.026	0.1	WKL	
MO-CAM	2021/22-4	Dry	5/19/2022 11:34:00 AM	6/1/2022 1:59:00 AM	Naphthalene	n/a	<	0.49	µg/L	EPA 625.1	0.49	1	WKL	
MO-CAM	2021/22-4	Dry	5/19/2022 11:34:00 AM	6/1/2022 1:59:00 AM	Nitrobenzene	n/a	<	0.36	µg/L	EPA 625.1	0.36	1	WKL	
MO-CAM	2021/22-4	Dry	5/19/2022 11:34:00 AM	6/1/2022 1:59:00 AM	N-Nitrosodimethylamine	n/a	<	0.5	µg/L	EPA 625.1	0.5	1	WKL	
MO-CAM	2021/22-4	Dry	5/19/2022 11:34:00 AM	6/1/2022 1:59:00 AM	N-Nitrosodi-N-propylamine	n/a	<	0.26	µg/L	EPA 625.1	0.26	1	WKL	
MO-CAM	2021/22-4	Dry	5/19/2022 11:34:00 AM	6/1/2022 1:59:00 AM	N-Nitrosodiphenylamine	n/a	<	0.19	µg/L	EPA 625.1	0.19	1	WKL	
MO-CAM	2021/22-4	Dry	5/19/2022 11:34:00 AM	6/1/2022 1:59:00 AM	Phenanthrene	n/a	<	0.32	µg/L	EPA 625.1	0.32	1	WKL	
MO-CAM	2021/22-4	Dry	5/19/2022 11:34:00 AM	6/25/2022 11:23:00 AM	Phenanthrene	n/a	<	0.029	µg/L	EPA 8270C	0.029	0.1	WKL	
MO-CAM	2021/22-4	Dry	5/19/2022 11:34:00 AM	6/1/2022 1:59:00 AM	Phenol	n/a	<	0.81	µg/L	EPA 625.1	0.81	1	WKL	
MO-CAM	2021/22-4	Dry	5/19/2022 11:34:00 AM	6/24/2022 7:21:00 AM	Phenol	n/a	DNQ	0.37	µg/L	EPA 8270C	0.35	1	WKL	
MO-CAM	2021/22-4	Dry	5/19/2022 11:34:00 AM	6/1/2022 1:59:00 AM	Pyrene	n/a	<	0.25	µg/L	EPA 625.1	0.25	1	WKL	
MO-CAM	2021/22-4	Dry	5/19/2022 11:34:00 AM	6/25/2022 11:23:00 AM	Pyrene	n/a	<	0.04	µg/L	EPA 8270C	0.04	0.1	WKL	
MO-CAM	2021/22-4	Dry	5/19/2022 11:34:00 AM	5/27/2022 6:27:00 AM	PCB Aroclor 1016	n/a	<	5	µg/L	EPA 608.3	5	5	WKL	
MO-CAM	2021/22-4	Dry	5/19/2022 11:34:00 AM	5/27/2022 6:27:00 AM	PCB Aroclor 1221	n/a	<	5	µg/L	EPA 608.3	5	5	WKL	
MO-CAM	2021/22-4	Dry	5/19/2022 11:34:00 AM	5/27/2022 6:27:00 AM	PCB Aroclor 1232	n/a	<	5	µg/L	EPA 608.3	5	5	WKL	
MO-CAM	2021/22-4	Dry	5/19/2022 11:34:00 AM	5/27/2022 6:27:00 AM	PCB Aroclor 1242	n/a	<	5	µg/L	EPA 608.3	5	5	WKL	
MO-CAM	2021/22-4	Dry	5/19/2022 11:34:00 AM	5/27/2022 6:27:00 AM	PCB Aroclor 1248	n/a	<	5	µg/L	EPA 608.3	5	5	WKL	
MO-CAM	2021/22-4	Dry	5/19/2022 11:34:00 AM	5/27/2022 6:27:00 AM	PCB Aroclor 1254	n/a	<	5	µg/L	EPA 608.3	5	5	WKL	
MO-CAM	2021/22-4	Dry	5/19/2022 11:34:00 AM	5/27/2022 6:27:00 AM	PCB Aroclor 1260	n/a	<	5	µg/L	EPA 608.3	5	5	WKL	
MO-CAM	2021/22-4	Dry	5/19/2022 11:34:00 AM	5/28/2022 11:09:00 PM	2,4,5-T	n/a	<	0.03	µg/L	EPA 515.4	0.03	0.2	WKL	
MO-CAM	2021/22-4	Dry	5/19/2022 11:34:00 AM	5/28/2022 11:09:00 PM	2,4,5-TP	n/a	<	0.026	µg/L	EPA 515.4	0.026	0.2	WKL	
MO-CAM	2021/22-4	Dry	5/19/2022 11:34:00 AM	5/28/2022 11:09:00 PM	2,4-D	n/a	<	0.4	µg/L	EPA 515.4	0.4	0.4	WKL	
MO-CAM	2021/22-4	Dry	5/19/2022 11:34:00 AM	5/28/2022 11:09:00 PM	2,4-DB	n/a	<	0.19	µg/L	EPA 515.4	0.19	2	WKL	
MO-CAM	2021/22-4	Dry	5/19/2022 11:34:00 AM	5/28/2022 11:09:00 PM	3,5-Dichlorobenzoic acid	n/a	<	0.12	µg/L	EPA 515.4	0.12	1	WKL	
MO-CAM	2021/22-4	Dry	5/19/2022 11:34:00 AM	5/27/2022 6:27:00 AM	4,4'-DDD	n/a	<	0.007	µg/L	EPA 608.3	0.007	0.5	WKL	
MO-CAM	2021/22-4	Dry	5/19/2022 11:34:00 AM	5/27/2022 6:27:00 AM	4,4'-DDE	n/a	<	0.007	µg/L	EPA 608.3	0.007	0.5	WKL	
MO-CAM	2021/22-4	Dry	5/19/2022 11:34:00 AM	5/27/2022 6:27:00 AM	4,4'-DDT	n/a	<	0.011	µg/L	EPA 608.3	0.011	0.1	WKL	
MO-CAM	2021/22-4	Dry	5/19/2022 11:34:00 AM	5/28/2022 11:09:00 PM	Acifluorfen	n/a	<	0.03	µg/L	EPA 515.4	0.03	0.4	WKL	
MO-CAM	2021/22-4	Dry	5/19/2022 11:34:00 AM	6/2/2022 10:29:00 PM	Alachlor	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1	WKL	
MO-CAM	2021/22-4	Dry	5/19/2022 11:34:00 AM	5/27/2022 6:27:00 AM	Aldrin	n/a	<	0.01	µg/L	EPA 608.3	0.01	0.05	WKL	
MO-CAM	2021/22-4	Dry	5/19/2022 11:34:00 AM	5/27/2022 6:27:00 AM	alpha-BHC	n/a	<	0.011	µg/L	EPA 608.3	0.011	0.1	WKL	
MO-CAM	2021/22-4	Dry	5/19/2022 11:34:00 AM	5/27/2022 6:27:00 AM	alpha-Chlordane	n/a	<	0.029	µg/L	EPA 608.3	0.029	0.1	WKL	
MO-CAM	2021/22-4	Dry	5/19/2022 11:34:00 AM	6/2/2022 10:29:00 PM	Atrazine	n/a	<	0.011	µg/L	EPA 525.2	0.011	0.1	WKL	
MO-CAM	2021/22-4	Dry	5/19/2022 11:34:00 AM	6/2/2022 3:02:00 AM	Azinphos methyl	n/a	<	0.0053	µg/L	EPA 625.1m	0.0053	0.01	WKL	
MO-CAM	2021/22-4	Dry	5/19/2022 11:34:00 AM	5/28/2022 11:09:00 PM	Bentazon	n/a	<	0.23	µg/L	EPA 515.4	0.23	2	WKL	
MO-CAM	2021/22-4	Dry	5/19/2022 11:34:00 AM	5/27/2022 6:27:00 AM	beta-BHC	n/a	<	0.015	µg/L	EPA 608.3	0.015	0.05	WKL	
MO-CAM	2021/22-4	Dry	5/19/2022 11:34:00 AM	6/2/2022 3:02:00 AM	Bolstar	n/a	<	0.0027	µg/L	EPA 625.1m	0.0027	0.01	WKL	
MO-CAM	2021/22-4	Dry	5/19/2022 11:34:00 AM	6/2/2022 10:29:00 PM	Bromacil	n/a	<	0.07	µg/L	EPA 525.2	0.07	0.5	WKL	
MO-CAM	2021/22-4	Dry	5/19/2022 11:34:00 AM	6/2/2022 10:29:00 PM	Butachlor	n/a	<	0.012	µg/L	EPA 525.2	0.012	0.1	WKL	
MO-CAM	2021/22-4	Dry	5/19/2022 11:34:00 AM	6/2/2022 10:29:00 PM	Captan	n/a	<	0.32	µg/L	EPA 525.2	0.32	1	WKL	
MO-CAM	2021/22-4	Dry	5/19/2022 11:34:00 AM	5/27/2022 6:27:00 AM	Chlordane (technical)	n/a	<	0.43	µg/L	EPA 608.3	0.43	1	WKL	
MO-CAM	2021/22-4	Dry	5/19/2022 11:34:00 AM	6/2/2022 10:29:00 PM	Chlorpropham	n/a	<	0.04	µg/L	EPA 525.2	0.04	0.1	WKL	
MO-CAM	2021/22-4	Dry	5/19/2022 11:34:00 AM	6/2/2022 3:02:00 AM	Chlorpyrifos	n/a	<	0.0013	µg/L	EPA 625.1m	0.0013	0.01	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-CAM	2021/22-4	Dry	5/19/2022 11:34:00 AM	6/2/2022 3:02:00 AM	Coumaphos	n/a	<	0.0055	µg/L	EPA 625.1m	0.0055	0.01	WKL	
MO-CAM	2021/22-4	Dry	5/19/2022 11:34:00 AM	5/28/2022 11:09:00 PM	Dalapon	n/a	<	0.11	µg/L	EPA 515.4	0.11	0.4	WKL	
MO-CAM	2021/22-4	Dry	5/19/2022 11:34:00 AM	5/28/2022 11:09:00 PM	DCPA (Dacthal)	n/a	<	0.029	µg/L	EPA 515.4	0.029	0.1	WKL	
MO-CAM	2021/22-4	Dry	5/19/2022 11:34:00 AM	5/27/2022 6:27:00 AM	delta-BHC	n/a	<	0.019	µg/L	EPA 608.3	0.019	0.05	WKL	
MO-CAM	2021/22-4	Dry	5/19/2022 11:34:00 AM	6/2/2022 3:02:00 AM	Demeton-O	n/a	<	0.0019	µg/L	EPA 625.1m	0.0019	0.01	WKL	
MO-CAM	2021/22-4	Dry	5/19/2022 11:34:00 AM	6/2/2022 3:02:00 AM	Demeton-S	n/a	<	0.0014	µg/L	EPA 625.1m	0.0014	0.01	WKL	LB-LCSR
MO-CAM	2021/22-4	Dry	5/19/2022 11:34:00 AM	6/2/2022 10:29:00 PM	Diazinon	n/a	<	0.022	µg/L	EPA 525.2	0.022	0.1	WKL	
MO-CAM	2021/22-4	Dry	5/19/2022 11:34:00 AM	6/2/2022 3:02:00 AM	Diazinon	n/a	<	0.001	µg/L	EPA 625.1m	0.001	0.01	WKL	LB-LCSR
MO-CAM	2021/22-4	Dry	5/19/2022 11:34:00 AM	5/28/2022 11:09:00 PM	Dicamba	n/a	<	0.049	µg/L	EPA 515.4	0.049	0.6	WKL	
MO-CAM	2021/22-4	Dry	5/19/2022 11:34:00 AM	5/28/2022 11:09:00 PM	Dichlorprop	n/a	<	0.4	µg/L	EPA 515.4	0.4	0.4	WKL	
MO-CAM	2021/22-4	Dry	5/19/2022 11:34:00 AM	6/2/2022 3:02:00 AM	Dichlorvos	n/a	<	0.0009	µg/L	EPA 625.1m	0.0009	0.01	WKL	
MO-CAM	2021/22-4	Dry	5/19/2022 11:34:00 AM	5/27/2022 6:27:00 AM	Dieldrin	n/a	<	0.008	µg/L	EPA 608.3	0.008	0.1	WKL	
MO-CAM	2021/22-4	Dry	5/19/2022 11:34:00 AM	6/2/2022 3:02:00 AM	Dimethoate	n/a	<	0.0027	µg/L	EPA 625.1m	0.0027	0.01	WKL	
MO-CAM	2021/22-4	Dry	5/19/2022 11:34:00 AM	6/2/2022 10:29:00 PM	Dimethoate	n/a	<	0.02	µg/L	EPA 525.2	0.02	0.2	WKL	
MO-CAM	2021/22-4	Dry	5/19/2022 11:34:00 AM	5/28/2022 11:09:00 PM	Dinoseb	n/a	<	0.033	µg/L	EPA 515.4	0.033	0.4	WKL	
MO-CAM	2021/22-4	Dry	5/19/2022 11:34:00 AM	6/2/2022 10:29:00 PM	Diphenamid	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1	WKL	
MO-CAM	2021/22-4	Dry	5/19/2022 11:34:00 AM	6/2/2022 3:02:00 AM	Disulfoton	n/a	<	0.0017	µg/L	EPA 625.1m	0.0017	0.01	WKL	
MO-CAM	2021/22-4	Dry	5/19/2022 11:34:00 AM	6/2/2022 10:29:00 PM	Disulfoton	n/a	<	0.015	µg/L	EPA 525.2	0.015	0.1	WKL	
MO-CAM	2021/22-4	Dry	5/19/2022 11:34:00 AM	5/27/2022 6:27:00 AM	Endosulfan I	n/a	<	0.009	µg/L	EPA 608.3	0.009	0.2	WKL	
MO-CAM	2021/22-4	Dry	5/19/2022 11:34:00 AM	5/27/2022 6:27:00 AM	Endosulfan II	n/a	<	0.007	µg/L	EPA 608.3	0.007	0.1	WKL	
MO-CAM	2021/22-4	Dry	5/19/2022 11:34:00 AM	5/27/2022 6:27:00 AM	Endosulfan sulfate	n/a	<	0.013	µg/L	EPA 608.3	0.013	0.5	WKL	
MO-CAM	2021/22-4	Dry	5/19/2022 11:34:00 AM	5/27/2022 6:27:00 AM	Endrin	n/a	<	0.017	µg/L	EPA 608.3	0.017	0.1	WKL	
MO-CAM	2021/22-4	Dry	5/19/2022 11:34:00 AM	5/27/2022 6:27:00 AM	Endrin aldehyde	n/a	<	0.019	µg/L	EPA 608.3	0.019	0.1	WKL	
MO-CAM	2021/22-4	Dry	5/19/2022 11:34:00 AM	6/2/2022 10:29:00 PM	EPTC	n/a	<	0.02	µg/L	EPA 525.2	0.02	0.1	WKL	
MO-CAM	2021/22-4	Dry	5/19/2022 11:34:00 AM	6/2/2022 3:02:00 AM	Ethoprop	n/a	<	0.0006	µg/L	EPA 625.1m	0.0006	0.01	WKL	
MO-CAM	2021/22-4	Dry	5/19/2022 11:34:00 AM	6/2/2022 3:02:00 AM	Ethyl parathion	n/a	<	0.0022	µg/L	EPA 625.1m	0.0022	0.01	WKL	
MO-CAM	2021/22-4	Dry	5/19/2022 11:34:00 AM	6/2/2022 3:02:00 AM	Fensulfothion	n/a	<	0.0029	µg/L	EPA 625.1m	0.0029	0.01	WKL	
MO-CAM	2021/22-4	Dry	5/19/2022 11:34:00 AM	6/2/2022 3:02:00 AM	Fenthion	n/a	<	0.0021	µg/L	EPA 625.1m	0.0021	0.01	WKL	
MO-CAM	2021/22-4	Dry	5/19/2022 11:34:00 AM	5/27/2022 6:27:00 AM	gamma-BHC (Lindane)	n/a	<	0.004	µg/L	EPA 608.3	0.004	0.2	WKL	
MO-CAM	2021/22-4	Dry	5/19/2022 11:34:00 AM	5/27/2022 6:27:00 AM	gamma-Chlordane	n/a	<	0.023	µg/L	EPA 608.3	0.023	0.1	WKL	
MO-CAM	2021/22-4	Dry	5/19/2022 11:34:00 AM	5/24/2022 7:50:00 PM	Glyphosate	n/a	=	25	µg/L	EPA 547	1.8	5	WKL	
MO-CAM	2021/22-4	Dry	5/19/2022 11:34:00 AM	5/27/2022 6:27:00 AM	Heptachlor	n/a	<	0.006	µg/L	EPA 608.3	0.006	0.1	WKL	
MO-CAM	2021/22-4	Dry	5/19/2022 11:34:00 AM	5/27/2022 6:27:00 AM	Heptachlor epoxide	n/a	<	0.004	µg/L	EPA 608.3	0.004	0.1	WKL	
MO-CAM	2021/22-4	Dry	5/19/2022 11:34:00 AM	6/2/2022 3:02:00 AM	Malathion	n/a	<	0.0021	µg/L	EPA 625.1m	0.0021	0.01	WKL	
MO-CAM	2021/22-4	Dry	5/19/2022 11:34:00 AM	6/2/2022 3:02:00 AM	Merphos	n/a	<	0.0055	µg/L	EPA 625.1m	0.0055	0.01	WKL	
MO-CAM	2021/22-4	Dry	5/19/2022 11:34:00 AM	6/2/2022 3:02:00 AM	Methyl parathion	n/a	<	0.0013	µg/L	EPA 625.1m	0.0013	0.01	WKL	
MO-CAM	2021/22-4	Dry	5/19/2022 11:34:00 AM	6/2/2022 10:29:00 PM	Metolachlor	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1	WKL	
MO-CAM	2021/22-4	Dry	5/19/2022 11:34:00 AM	6/2/2022 10:29:00 PM	Metribuzin	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1	WKL	
MO-CAM	2021/22-4	Dry	5/19/2022 11:34:00 AM	6/2/2022 3:02:00 AM	Mevinphos	n/a	<	0.0013	µg/L	EPA 625.1m	0.0013	0.01	WKL	
MO-CAM	2021/22-4	Dry	5/19/2022 11:34:00 AM	6/2/2022 10:29:00 PM	Molinate	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1	WKL	
MO-CAM	2021/22-4	Dry	5/19/2022 11:34:00 AM	6/2/2022 3:02:00 AM	Naled	n/a	<	0.0007	µg/L	EPA 625.1m	0.0007	0.01	WKL	
MO-CAM	2021/22-4	Dry	5/19/2022 11:34:00 AM	6/24/2022 7:21:00 AM	Pentachlorophenol	n/a	<	0.15	µg/L	EPA 8270C	0.15	1	WKL	
MO-CAM	2021/22-4	Dry	5/19/2022 11:34:00 AM	6/1/2022 1:59:00 AM	Pentachlorophenol	n/a	<	0.4	µg/L	EPA 625.1	0.4	1	WKL	
MO-CAM	2021/22-4	Dry	5/19/2022 11:34:00 AM	5/28/2022 11:09:00 PM	Pentachlorophenol	n/a	<	0.046	µg/L	EPA 515.4	0.046	0.2	WKL	
MO-CAM	2021/22-4	Dry	5/19/2022 11:34:00 AM	6/2/2022 3:02:00 AM	Phorate	n/a	<	0.0014	µg/L	EPA 625.1m	0.0014	0.01	WKL	
MO-CAM	2021/22-4	Dry	5/19/2022 11:34:00 AM	5/28/2022 11:09:00 PM	Picloram	n/a	<	0.05	µg/L	EPA 515.4	0.05	0.6	WKL	
MO-CAM	2021/22-4	Dry	5/19/2022 11:34:00 AM	6/2/2022 10:29:00 PM	Prometryn	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1	WKL	
MO-CAM	2021/22-4	Dry	5/19/2022 11:34:00 AM	6/2/2022 3:02:00 AM	Ronnel (Fenchlorphos)	n/a	<	0.0014	µg/L	EPA 625.1m	0.0014	0.01	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-CAM	2021/22-4	Dry	5/19/2022 11:34:00 AM	6/2/2022 10:29:00 PM	Simazine	n/a	<	0.02	µg/L	EPA 525.2	0.02	0.1	WKL	
MO-CAM	2021/22-4	Dry	5/19/2022 11:34:00 AM	6/2/2022 3:02:00 AM	Stirophos (Tetrachlorvinphos)	n/a	<	0.0024	µg/L	EPA 625.1m	0.0024	0.01	WKL	
MO-CAM	2021/22-4	Dry	5/19/2022 11:34:00 AM	6/2/2022 10:29:00 PM	Terbacil	n/a	<	0.09	µg/L	EPA 525.2	0.09	2	WKL	
MO-CAM	2021/22-4	Dry	5/19/2022 11:34:00 AM	6/2/2022 10:29:00 PM	Thiobencarb	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1	WKL	
MO-CAM	2021/22-4	Dry	5/19/2022 11:34:00 AM	6/2/2022 3:02:00 AM	Tokuthion	n/a	<	0.0022	µg/L	EPA 625.1m	0.0022	0.01	WKL	
MO-CAM	2021/22-4	Dry	5/19/2022 11:34:00 AM	5/27/2022 6:27:00 AM	Toxaphene	n/a	<	2.5	µg/L	EPA 608.3	2.5	5	WKL	
MO-CAM	2021/22-4	Dry	5/19/2022 11:34:00 AM	6/2/2022 3:02:00 AM	Trichloronate	n/a	<	0.0016	µg/L	EPA 625.1m	0.0016	0.01	WKL	
MO-CAM	2021/22-4	Dry	5/19/2022 11:34:00 AM	6/2/2022 10:29:00 PM	Trithion	n/a	<	0.02	µg/L	EPA 525.2	0.02	0.1	WKL	
MO-CAM	2022-DRY	Dry	8/3/2022 7:35:00 AM	8/4/2022 12:40:00 PM	E. Coli	n/a	=	464	MPN/100 mL	MMO-MUG	10	10	VCHCA	
MO-CAM	2022-DRY	Dry	8/3/2022 7:35:00 AM	8/4/2022 12:40:00 PM	Total Coliform	n/a	=	241960	MPN/100 mL	MMO-MUG	100	100	VCHCA	
MO-CAM	2022-DRY	Dry	8/3/2022 7:35:00 AM	8/11/2022 7:24:00 PM	Calcium	Total	=	60.1	mg/L	EPA 200.7	0.0234	0.5	WKL	
MO-CAM	2022-DRY	Dry	8/3/2022 7:35:00 AM	8/11/2022 7:24:00 PM	Magnesium	Total	=	17.3	mg/L	EPA 200.7	0.039	0.5	WKL	
MO-CAM	2022-DRY	Dry	8/3/2022 7:35:00 AM	8/3/2022 7:35:00 AM	Conductivity	n/a	=	343.1	µmhos/cm	Field Meter	-88	1	Field Crew	
MO-CAM	2022-DRY	Dry	8/3/2022 7:35:00 AM	8/3/2022 7:35:00 AM	Discharge	n/a	=	0.01	cfs	Field Estimate	-88	-88	Field Crew	
MO-CAM	2022-DRY	Dry	8/3/2022 7:35:00 AM	8/3/2022 7:35:00 AM	DO	n/a	=	7.72	mg/L	Field Meter	-88	0.3	Field Crew	
MO-CAM	2022-DRY	Dry	8/3/2022 7:35:00 AM	8/3/2022 7:35:00 AM	DO	n/a	=	90.1	%	Field Meter	-88	0.1	Field Crew	
MO-CAM	2022-DRY	Dry	8/3/2022 7:35:00 AM	8/11/2022 7:24:00 PM	Hardness as CaCO3	Total	=	221	mg/L	EPA 200.7	0.219	3.31	WKL	
MO-CAM	2022-DRY	Dry	8/3/2022 7:35:00 AM	8/3/2022 7:35:00 AM	pH	n/a	=	8.64	pH Units	Field Meter	-88	0.01	Field Crew	
MO-CAM	2022-DRY	Dry	8/3/2022 7:35:00 AM	8/3/2022 7:35:00 AM	Salinity	n/a	=	200	mg/L	Field Meter	-88	100	Field Crew	
MO-CAM	2022-DRY	Dry	8/3/2022 7:35:00 AM	8/3/2022 7:35:00 AM	Specific Conductance	n/a	=	370.2	µmhos/cm	Field Meter	-88	1	Field Crew	
MO-CAM	2022-DRY	Dry	8/3/2022 7:35:00 AM	8/3/2022 7:35:00 AM	Temperature	n/a	=	21.7	°C	Field Meter	-88	0.1	Field Crew	
MO-CAM	2022-DRY	Dry	8/3/2022 7:35:00 AM	8/15/2022 7:34:00 PM	Total Organic Carbon	n/a	=	4.6	mg/L	SM 5310 B	0.19	0.3	WKL	
MO-CAM	2022-DRY	Dry	8/3/2022 7:35:00 AM	8/3/2022 7:35:00 AM	Turbidity	n/a	=	1.99	NTU	Field Meter	-88	0.01	Field Crew	
MO-CAM	2022-DRY	Dry	8/3/2022 7:35:00 AM	8/9/2022 7:12:00 PM	Copper	Dissolved	=	3.6	µg/L	EPA 200.8	0.23	0.5	WKL	
MO-CAM	2022-DRY	Dry	8/3/2022 7:35:00 AM	8/9/2022 7:12:00 PM	Lead	Dissolved	<	0.083	µg/L	EPA 200.8	0.083	0.2	WKL	
MO-CAM	2022-DRY	Dry	8/3/2022 7:35:00 AM	8/9/2022 7:12:00 PM	Zinc	Dissolved	DNQ	2.6	µg/L	EPA 200.8	0.8	10	WKL	UL-MB
MO-FIL	2021/22-1	Wet	10/25/2021 12:12:00 PM	10/26/2021 11:49:00 AM	E. Coli	n/a	=	23590	MPN/100 mL	MMO-MUG	100	100	FGL	
MO-FIL	2021/22-1	Wet	10/25/2021 12:12:00 PM	10/26/2021 11:49:00 AM	Total Coliform	n/a	=	816400	MPN/100 mL	MMO-MUG	1000	1000	FGL	
MO-FIL	2021/22-1	Wet	10/25/2021 12:12:00 PM	10/25/2021 12:12:00 PM	Conductivity	n/a	=	135.4	µmhos/cm	Field Meter	-88	1	Field Crew	
MO-FIL	2021/22-1	Wet	10/25/2021 12:12:00 PM	10/28/2021 4:30:00 PM	Cyanide	Total	DNQ	0.0013	mg/L	ASTM D7511	0.0012	0.002	WKL	
MO-FIL	2021/22-1	Wet	10/25/2021 12:12:00 PM	10/25/2021 12:12:00 PM	DO	n/a	=	8.86	mg/L	Field Meter	-88	0.3	Field Crew	
MO-FIL	2021/22-1	Wet	10/25/2021 12:12:00 PM	10/25/2021 12:12:00 PM	DO	n/a	=	92.8	%	Field Meter	-88	0.1	Field Crew	
MO-FIL	2021/22-1	Wet	10/25/2021 12:12:00 PM	10/25/2021 12:12:00 PM	pH	n/a	=	7.81	pH Units	Field Meter	-88	0.01	Field Crew	
MO-FIL	2021/22-1	Wet	10/25/2021 12:12:00 PM	10/25/2021 12:12:00 PM	Salinity	n/a	=	100	mg/L	Field Meter	-88	100	Field Crew	
MO-FIL	2021/22-1	Wet	10/25/2021 12:12:00 PM	10/25/2021 12:12:00 PM	Specific Conductance	n/a	=	156.4	µmhos/cm	Field Meter	-88	1	Field Crew	
MO-FIL	2021/22-1	Wet	10/25/2021 12:12:00 PM	10/25/2021 12:12:00 PM	Temperature	n/a	=	17.6	°C	Field Meter	-88	0.1	Field Crew	
MO-FIL	2021/22-1	Wet	10/25/2021 12:12:00 PM	10/29/2021 3:54:00 PM	Gasoline Range Organics	n/a	<	0.065	mg/L	EPA 8260B	0.065	0.1	WKL	
MO-FIL	2021/22-1	Wet	10/25/2021 12:12:00 PM	11/15/2021 5:14:00 PM	Oil and Grease	n/a	DNQ	2.2	mg/L	EPA 1664B	1.3	5	WKL	
MO-FIL	2021/22-1	Wet	10/25/2021 12:12:00 PM	10/29/2021 4:30:00 PM	2-Chloroethyl vinyl ether	n/a	<	0.19	µg/L	EPA 624.1	0.19	1	WKL	
MO-FIL	2021/22-1	Wet	10/25/2021 12:12:00 PM	10/29/2021 4:30:00 PM	Methyl tert-butyl ether (MTBE)	n/a	<	0.4	µg/L	EPA 624.1	0.4	1	WKL	
MO-FIL	2021/22-1	Wet	10/26/2021 7:11:00 AM	11/13/2021 6:56:00 AM	Chloride	n/a	=	21	mg/L	EPA 300.0	0.38	1	WKL	
MO-FIL	2021/22-1	Wet	10/26/2021 7:11:00 AM	11/13/2021 6:56:00 AM	Fluoride	n/a	DNQ	0.13	mg/L	EPA 300.0	0.018	0.2	WKL	
MO-FIL	2021/22-1	Wet	10/26/2021 7:11:00 AM	10/31/2021 1:17:00 AM	Perchlorate	n/a	DNQ	9.9	µg/L	EPA 314.0	2	10	WKL	
MO-FIL	2021/22-1	Wet	10/26/2021 7:11:00 AM	11/17/2021 7:37:00 PM	Calcium	Total	=	41.1	mg/L	EPA 200.7	0.16	0.5	WKL	
MO-FIL	2021/22-1	Wet	10/26/2021 7:11:00 AM	11/17/2021 7:37:00 PM	Magnesium	Total	=	9.56	mg/L	EPA 200.7	0.039	0.5	WKL	
MO-FIL	2021/22-1	Wet	10/26/2021 7:11:00 AM	10/29/2021 6:28:00 PM	Alkalinity as CaCO3	n/a	=	56	mg/L	SM 2320 B	2.3	5	WKL	
MO-FIL	2021/22-1	Wet	10/26/2021 7:11:00 AM	11/1/2021 6:10:00 PM	BOD	n/a	=	12	mg/L	SM 5210 B	2	2	WKL	
MO-FIL	2021/22-1	Wet	10/26/2021 7:11:00 AM	11/10/2021 11:22:00 AM	COD	n/a	=	82	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
MO-FIL	2021/22-1	Wet	10/26/2021 7:11:00 AM	11/17/2021 7:37:00 PM	Hardness as CaCO3	Total	=	142	mg/L	EPA 200.7	0.56	3.31	WKL	
MO-FIL	2021/22-1	Wet	10/26/2021 7:11:00 AM	10/27/2021 7:18:00 PM	MBAS	n/a	=	0.21	mg/L	SM 5540 C	0.013	0.05	WKL	
MO-FIL	2021/22-1	Wet	10/26/2021 7:11:00 AM	11/9/2021 11:56:00 AM	Phenolics	n/a	=	0.021	mg/L	EPA 420.4	0.0042	0.01	WKL	
MO-FIL	2021/22-1	Wet	10/26/2021 7:11:00 AM	10/30/2021 11:42:00 AM	Specific Conductance	n/a	=	400	µmhos/cm	SM 2510 B	1.1	2	WKL	
MO-FIL	2021/22-1	Wet	10/26/2021 7:11:00 AM	10/31/2021 1:00:00 PM	Total Dissolved Solids	n/a	=	250	mg/L	SM 2540 C	4	10	WKL	
MO-FIL	2021/22-1	Wet	10/26/2021 7:11:00 AM	11/5/2021 1:37:00 PM	Total Organic Carbon	n/a	=	19	mg/L	SM 5310 B	0.19	0.3	WKL	
MO-FIL	2021/22-1	Wet	10/26/2021 7:11:00 AM	10/28/2021 7:27:00 PM	Total Suspended Solids	n/a	=	120	mg/L	SM 2540 D	-88	5	WKL	
MO-FIL	2021/22-1	Wet	10/26/2021 7:11:00 AM	10/26/2021 5:14:00 PM	Turbidity	n/a	=	54	NTU	EPA 180.1	0.17	1	WKL	
MO-FIL	2021/22-1	Wet	10/26/2021 7:11:00 AM	10/28/2021 7:07:00 PM	Volatile Suspended Solids	n/a	=	27	mg/L	EPA 160.4	3.1	5	WKL	
MO-FIL	2021/22-1	Wet	10/26/2021 7:11:00 AM	11/19/2021 7:26:00 AM	Diesel Range Organics	n/a	=	1.3	mg/L	EPA 8015B	0.14	0.2	WKL	EST-LCSRPD
MO-FIL	2021/22-1	Wet	10/26/2021 7:11:00 AM	11/19/2021 7:26:00 AM	Oil Range Organics	n/a	<	0.66	mg/L	EPA 8015B	0.66	1	WKL	
MO-FIL	2021/22-1	Wet	10/26/2021 7:11:00 AM	11/12/2021 6:38:00 PM	Aluminum	Dissolved	=	34	µg/L	EPA 200.8	4.4	20	WKL	
MO-FIL	2021/22-1	Wet	10/26/2021 7:11:00 AM	11/12/2021 6:41:00 PM	Aluminum	Total	=	1700	µg/L	EPA 200.8	4.4	20	WKL	LB-MSR
MO-FIL	2021/22-1	Wet	10/26/2021 7:11:00 AM	11/12/2021 6:38:00 PM	Antimony	Dissolved	=	0.89	µg/L	EPA 200.8	0.089	0.5	WKL	
MO-FIL	2021/22-1	Wet	10/26/2021 7:11:00 AM	11/12/2021 6:41:00 PM	Antimony	Total	=	1.3	µg/L	EPA 200.8	0.089	0.5	WKL	
MO-FIL	2021/22-1	Wet	10/26/2021 7:11:00 AM	11/12/2021 6:38:00 PM	Arsenic	Dissolved	=	1.4	µg/L	EPA 200.8	0.074	0.4	WKL	
MO-FIL	2021/22-1	Wet	10/26/2021 7:11:00 AM	11/12/2021 6:41:00 PM	Arsenic	Total	=	2	µg/L	EPA 200.8	0.074	0.4	WKL	
MO-FIL	2021/22-1	Wet	10/26/2021 7:11:00 AM	11/12/2021 6:41:00 PM	Barium	Total	=	54	µg/L	EPA 200.8	0.14	1	WKL	
MO-FIL	2021/22-1	Wet	10/26/2021 7:11:00 AM	11/12/2021 6:38:00 PM	Beryllium	Dissolved	<	0.062	µg/L	EPA 200.8	0.062	0.1	WKL	
MO-FIL	2021/22-1	Wet	10/26/2021 7:11:00 AM	11/12/2021 6:41:00 PM	Beryllium	Total	DNQ	0.079	µg/L	EPA 200.8	0.062	0.1	WKL	
MO-FIL	2021/22-1	Wet	10/26/2021 7:11:00 AM	11/12/2021 6:38:00 PM	Cadmium	Dissolved	DNQ	0.14	µg/L	EPA 200.8	0.042	0.2	WKL	
MO-FIL	2021/22-1	Wet	10/26/2021 7:11:00 AM	11/12/2021 6:41:00 PM	Cadmium	Total	=	0.61	µg/L	EPA 200.8	0.042	0.2	WKL	
MO-FIL	2021/22-1	Wet	10/26/2021 7:11:00 AM	11/12/2021 6:38:00 PM	Chromium	Dissolved	=	2.1	µg/L	EPA 200.8	0.089	0.2	WKL	
MO-FIL	2021/22-1	Wet	10/26/2021 7:11:00 AM	11/12/2021 6:41:00 PM	Chromium	Total	=	6.5	µg/L	EPA 200.8	0.089	0.2	WKL	
MO-FIL	2021/22-1	Wet	10/26/2021 7:11:00 AM	11/2/2021 4:44:00 PM	Chromium VI	n/a	=	1.4	µg/L	EPA 218.6	0.0079	0.02	WKL	
MO-FIL	2021/22-1	Wet	10/26/2021 7:11:00 AM	11/12/2021 6:38:00 PM	Copper	Dissolved	=	12	µg/L	EPA 200.8	0.23	0.5	WKL	
MO-FIL	2021/22-1	Wet	10/26/2021 7:11:00 AM	11/12/2021 6:41:00 PM	Copper	Total	=	28	µg/L	EPA 200.8	0.23	0.5	WKL	
MO-FIL	2021/22-1	Wet	10/26/2021 7:11:00 AM	11/12/2021 6:38:00 PM	Iron	Dissolved	=	71	µg/L	EPA 200.8	3.9	20	WKL	
MO-FIL	2021/22-1	Wet	10/26/2021 7:11:00 AM	11/12/2021 6:41:00 PM	Iron	Total	=	2600	µg/L	EPA 200.8	3.9	20	WKL	
MO-FIL	2021/22-1	Wet	10/26/2021 7:11:00 AM	11/12/2021 6:38:00 PM	Lead	Dissolved	=	0.32	µg/L	EPA 200.8	0.083	0.2	WKL	UL-MB
MO-FIL	2021/22-1	Wet	10/26/2021 7:11:00 AM	11/12/2021 6:41:00 PM	Lead	Total	=	4.2	µg/L	EPA 200.8	0.083	0.2	WKL	
MO-FIL	2021/22-1	Wet	10/26/2021 7:11:00 AM	11/5/2021 4:26:00 PM	Mercury	Dissolved	DNQ	23	ng/L	EPA 245.1	17	50	WKL	UL-MB
MO-FIL	2021/22-1	Wet	10/26/2021 7:11:00 AM	11/5/2021 4:28:00 PM	Mercury	Total	DNQ	33	ng/L	EPA 245.1	17	50	WKL	UL-MB
MO-FIL	2021/22-1	Wet	10/26/2021 7:11:00 AM	11/12/2021 6:38:00 PM	Nickel	Dissolved	=	5.6	µg/L	EPA 200.8	0.16	2	WKL	
MO-FIL	2021/22-1	Wet	10/26/2021 7:11:00 AM	11/12/2021 6:41:00 PM	Nickel	Total	=	7.4	µg/L	EPA 200.8	0.16	2	WKL	
MO-FIL	2021/22-1	Wet	10/26/2021 7:11:00 AM	11/12/2021 6:38:00 PM	Selenium	Dissolved	=	1.3	µg/L	EPA 200.8	0.067	0.4	WKL	
MO-FIL	2021/22-1	Wet	10/26/2021 7:11:00 AM	11/12/2021 6:41:00 PM	Selenium	Total	=	1.5	µg/L	EPA 200.8	0.067	0.4	WKL	
MO-FIL	2021/22-1	Wet	10/26/2021 7:11:00 AM	11/12/2021 6:38:00 PM	Silver	Dissolved	<	0.03	µg/L	EPA 200.8	0.03	0.2	WKL	
MO-FIL	2021/22-1	Wet	10/26/2021 7:11:00 AM	11/12/2021 6:41:00 PM	Silver	Total	DNQ	0.067	µg/L	EPA 200.8	0.03	0.2	WKL	
MO-FIL	2021/22-1	Wet	10/26/2021 7:11:00 AM	11/12/2021 6:38:00 PM	Thallium	Dissolved	<	0.021	µg/L	EPA 200.8	0.021	0.2	WKL	
MO-FIL	2021/22-1	Wet	10/26/2021 7:11:00 AM	11/12/2021 6:41:00 PM	Thallium	Total	DNQ	0.047	µg/L	EPA 200.8	0.021	0.2	WKL	
MO-FIL	2021/22-1	Wet	10/26/2021 7:11:00 AM	11/12/2021 6:38:00 PM	Zinc	Dissolved	=	50	µg/L	EPA 200.8	0.8	10	WKL	
MO-FIL	2021/22-1	Wet	10/26/2021 7:11:00 AM	11/12/2021 6:41:00 PM	Zinc	Total	=	140	µg/L	EPA 200.8	0.8	10	WKL	
MO-FIL	2021/22-1	Wet	10/26/2021 7:11:00 AM	10/27/2021 4:36:00 PM	Ammonia as N	n/a	=	0.45	mg/L	EPA 350.1	0.047	0.1	WKL	
MO-FIL	2021/22-1	Wet	10/26/2021 7:11:00 AM	10/28/2021 4:52:00 PM	Nitrate + Nitrite as N	n/a	=	1.6	mg/L	EPA 353.2	0.036	0.2	WKL	
MO-FIL	2021/22-1	Wet	10/26/2021 7:11:00 AM	11/17/2021 7:34:00 PM	Phosphorus as P	Dissolved	=	0.44	mg/L	EPA 200.7	0.018	0.05	WKL	
MO-FIL	2021/22-1	Wet	10/26/2021 7:11:00 AM	11/17/2021 7:37:00 PM	Phosphorus as P	Total	=	0.66	mg/L	EPA 200.7	0.018	0.05	WKL	
MO-FIL	2021/22-1	Wet	10/26/2021 7:11:00 AM	11/9/2021 3:19:00 PM	TKN	n/a	=	2.9	mg/L	EPA 351.2	0.065	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	2021/22-1	Wet	10/26/2021 7:11:00 AM	11/22/2021 10:59:00 PM	1,2,4-Trichlorobenzene	n/a	<	0.49	µg/L	EPA 625.1	0.49	1	WKL	
MO-FIL	2021/22-1	Wet	10/26/2021 7:11:00 AM	11/22/2021 10:59:00 PM	1,2-Dichlorobenzene	n/a	<	0.46	µg/L	EPA 625.1	0.46	1	WKL	
MO-FIL	2021/22-1	Wet	10/26/2021 7:11:00 AM	11/22/2021 10:59:00 PM	1,2-Diphenylhydrazine	n/a	<	0.3	µg/L	EPA 625.1	0.3	1	WKL	
MO-FIL	2021/22-1	Wet	10/26/2021 7:11:00 AM	11/22/2021 10:59:00 PM	1,3-Dichlorobenzene	n/a	<	0.42	µg/L	EPA 625.1	0.42	1	WKL	
MO-FIL	2021/22-1	Wet	10/26/2021 7:11:00 AM	11/22/2021 10:59:00 PM	1,4-Dichlorobenzene	n/a	<	0.48	µg/L	EPA 625.1	0.48	1	WKL	
MO-FIL	2021/22-1	Wet	10/26/2021 7:11:00 AM	11/17/2021 10:46:00 AM	1-Methylnaphthalene	n/a	<	0.024	µg/L	EPA 8270C	0.024	0.1	WKL	
MO-FIL	2021/22-1	Wet	10/26/2021 7:11:00 AM	11/19/2021 11:28:00 PM	2,4,5-Trichlorophenol	n/a	<	0.29	µg/L	EPA 8270C	0.29	1	WKL	
MO-FIL	2021/22-1	Wet	10/26/2021 7:11:00 AM	11/22/2021 10:59:00 PM	2,4,6-Trichlorophenol	n/a	<	0.22	µg/L	EPA 625.1	0.22	1	WKL	
MO-FIL	2021/22-1	Wet	10/26/2021 7:11:00 AM	11/19/2021 11:28:00 PM	2,4,6-Trichlorophenol	n/a	<	0.3	µg/L	EPA 8270C	0.3	1	WKL	
MO-FIL	2021/22-1	Wet	10/26/2021 7:11:00 AM	11/19/2021 11:28:00 PM	2,4-Dichlorophenol	n/a	<	0.51	µg/L	EPA 8270C	0.51	1	WKL	
MO-FIL	2021/22-1	Wet	10/26/2021 7:11:00 AM	11/22/2021 10:59:00 PM	2,4-Dichlorophenol	n/a	<	0.26	µg/L	EPA 625.1	0.26	1	WKL	
MO-FIL	2021/22-1	Wet	10/26/2021 7:11:00 AM	11/22/2021 10:59:00 PM	2,4-Dimethylphenol	n/a	<	0.76	µg/L	EPA 625.1	0.76	1	WKL	
MO-FIL	2021/22-1	Wet	10/26/2021 7:11:00 AM	11/19/2021 11:28:00 PM	2,4-Dimethylphenol	n/a	<	1	µg/L	EPA 8270C	1	2	WKL	
MO-FIL	2021/22-1	Wet	10/26/2021 7:11:00 AM	11/22/2021 10:59:00 PM	2,4-Dinitrophenol	n/a	<	1.9	µg/L	EPA 625.1	1.9	10	WKL	
MO-FIL	2021/22-1	Wet	10/26/2021 7:11:00 AM	11/19/2021 11:28:00 PM	2,4-Dinitrophenol	n/a	<	1	µg/L	EPA 8270C	1	2	WKL	
MO-FIL	2021/22-1	Wet	10/26/2021 7:11:00 AM	11/22/2021 10:59:00 PM	2,4-Dinitrotoluene	n/a	<	0.46	µg/L	EPA 625.1	0.46	1	WKL	
MO-FIL	2021/22-1	Wet	10/26/2021 7:11:00 AM	11/22/2021 10:59:00 PM	2,6-Dinitrotoluene	n/a	<	0.27	µg/L	EPA 625.1	0.27	1	WKL	
MO-FIL	2021/22-1	Wet	10/26/2021 7:11:00 AM	11/22/2021 10:59:00 PM	2-Chloronaphthalene	n/a	<	0.45	µg/L	EPA 625.1	0.45	1	WKL	
MO-FIL	2021/22-1	Wet	10/26/2021 7:11:00 AM	11/19/2021 11:28:00 PM	2-Chlorophenol	n/a	<	0.65	µg/L	EPA 8270C	0.65	1	WKL	
MO-FIL	2021/22-1	Wet	10/26/2021 7:11:00 AM	11/22/2021 10:59:00 PM	2-Chlorophenol	n/a	<	0.28	µg/L	EPA 625.1	0.28	1	WKL	
MO-FIL	2021/22-1	Wet	10/26/2021 7:11:00 AM	11/17/2021 10:46:00 AM	2-Methylnaphthalene	n/a	<	0.026	µg/L	EPA 8270C	0.026	0.1	WKL	
MO-FIL	2021/22-1	Wet	10/26/2021 7:11:00 AM	11/19/2021 11:28:00 PM	2-Methylphenol	n/a	<	0.34	µg/L	EPA 8270C	0.34	1	WKL	
MO-FIL	2021/22-1	Wet	10/26/2021 7:11:00 AM	11/22/2021 10:59:00 PM	2-Nitrophenol	n/a	<	0.26	µg/L	EPA 625.1	0.26	1	WKL	
MO-FIL	2021/22-1	Wet	10/26/2021 7:11:00 AM	11/19/2021 11:28:00 PM	2-Nitrophenol	n/a	<	0.71	µg/L	EPA 8270C	0.71	1	WKL	
MO-FIL	2021/22-1	Wet	10/26/2021 7:11:00 AM	11/22/2021 10:59:00 PM	3,3'-Dichlorobenzidine	n/a	<	2.5	µg/L	EPA 625.1	2.5	5	WKL	
MO-FIL	2021/22-1	Wet	10/26/2021 7:11:00 AM	11/19/2021 11:28:00 PM	3-/4-Methylphenol	n/a	<	0.3	µg/L	EPA 8270C	0.3	1	WKL	
MO-FIL	2021/22-1	Wet	10/26/2021 7:11:00 AM	11/22/2021 10:59:00 PM	4,6-Dinitro-2-methylphenol	n/a	<	0.5	µg/L	EPA 625.1	0.5	5	WKL	
MO-FIL	2021/22-1	Wet	10/26/2021 7:11:00 AM	11/19/2021 11:28:00 PM	4,6-Dinitro-2-methylphenol	n/a	<	0.14	µg/L	EPA 8270C	0.14	1	WKL	
MO-FIL	2021/22-1	Wet	10/26/2021 7:11:00 AM	11/22/2021 10:59:00 PM	4-Bromophenyl phenyl ether	n/a	<	0.36	µg/L	EPA 625.1	0.36	1	WKL	
MO-FIL	2021/22-1	Wet	10/26/2021 7:11:00 AM	11/22/2021 10:59:00 PM	4-Chloro-3-methylphenol	n/a	<	0.23	µg/L	EPA 625.1	0.23	1	WKL	
MO-FIL	2021/22-1	Wet	10/26/2021 7:11:00 AM	11/19/2021 11:28:00 PM	4-Chloro-3-methylphenol	n/a	<	0.37	µg/L	EPA 8270C	0.37	1	WKL	
MO-FIL	2021/22-1	Wet	10/26/2021 7:11:00 AM	11/22/2021 10:59:00 PM	4-Chlorophenyl phenyl ether	n/a	<	0.41	µg/L	EPA 625.1	0.41	1	WKL	
MO-FIL	2021/22-1	Wet	10/26/2021 7:11:00 AM	11/19/2021 11:28:00 PM	4-Nitrophenol	n/a	<	1	µg/L	EPA 8270C	1	2	WKL	
MO-FIL	2021/22-1	Wet	10/26/2021 7:11:00 AM	11/22/2021 10:59:00 PM	4-Nitrophenol	n/a	<	1.2	µg/L	EPA 625.1	1.2	5	WKL	
MO-FIL	2021/22-1	Wet	10/26/2021 7:11:00 AM	11/22/2021 10:59:00 PM	Acenaphthene	n/a	<	0.38	µg/L	EPA 625.1	0.38	1	WKL	
MO-FIL	2021/22-1	Wet	10/26/2021 7:11:00 AM	11/17/2021 10:46:00 AM	Acenaphthene	n/a	<	0.028	µg/L	EPA 8270C	0.028	0.1	WKL	
MO-FIL	2021/22-1	Wet	10/26/2021 7:11:00 AM	11/22/2021 10:59:00 PM	Acenaphthylene	n/a	<	0.35	µg/L	EPA 625.1	0.35	1	WKL	
MO-FIL	2021/22-1	Wet	10/26/2021 7:11:00 AM	11/17/2021 10:46:00 AM	Acenaphthylene	n/a	<	0.033	µg/L	EPA 8270C	0.033	0.1	WKL	
MO-FIL	2021/22-1	Wet	10/26/2021 7:11:00 AM	11/22/2021 10:59:00 PM	Anthracene	n/a	<	0.41	µg/L	EPA 625.1	0.41	1	WKL	
MO-FIL	2021/22-1	Wet	10/26/2021 7:11:00 AM	11/17/2021 10:46:00 AM	Anthracene	n/a	<	0.025	µg/L	EPA 8270C	0.025	0.1	WKL	
MO-FIL	2021/22-1	Wet	10/26/2021 7:11:00 AM	11/17/2021 10:46:00 AM	Benz(a)anthracene	n/a	DNQ	0.051	µg/L	EPA 8270C	0.051	0.1	WKL	
MO-FIL	2021/22-1	Wet	10/26/2021 7:11:00 AM	11/22/2021 10:59:00 PM	Benz(a)anthracene	n/a	<	0.19	µg/L	EPA 625.1	0.19	1	WKL	
MO-FIL	2021/22-1	Wet	10/26/2021 7:11:00 AM	11/22/2021 10:59:00 PM	Benzidine	n/a	<	3.2	µg/L	EPA 625.1	3.2	10	WKL	
MO-FIL	2021/22-1	Wet	10/26/2021 7:11:00 AM	11/22/2021 10:59:00 PM	Benzo(a)pyrene	n/a	<	0.39	µg/L	EPA 625.1	0.39	1	WKL	
MO-FIL	2021/22-1	Wet	10/26/2021 7:11:00 AM	11/17/2021 10:46:00 AM	Benzo(a)pyrene	n/a	<	0.051	µg/L	EPA 8270C	0.051	0.1	WKL	
MO-FIL	2021/22-1	Wet	10/26/2021 7:11:00 AM	11/9/2021 10:14:00 PM	Benzo(a)pyrene	n/a	<	0.1	µg/L	EPA 525.2	0.1	0.5	WKL	
MO-FIL	2021/22-1	Wet	10/26/2021 7:11:00 AM	11/22/2021 10:59:00 PM	Benzo(b)fluoranthene	n/a	<	0.46	µg/L	EPA 625.1	0.46	1	WKL	
MO-FIL	2021/22-1	Wet	10/26/2021 7:11:00 AM	11/17/2021 10:46:00 AM	Benzo(b)fluoranthene	n/a	<	0.074	µg/L	EPA 8270C	0.074	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	2021/22-1	Wet	10/26/2021 7:11:00 AM	11/22/2021 10:59:00 PM	Benzo(g,h,i)perylene	n/a	<	0.42	µg/L	EPA 625.1	0.42	2	WKL	
MO-FIL	2021/22-1	Wet	10/26/2021 7:11:00 AM	11/17/2021 10:46:00 AM	Benzo(g,h,i)perylene	n/a	<	0.05	µg/L	EPA 8270C	0.05	0.1	WKL	
MO-FIL	2021/22-1	Wet	10/26/2021 7:11:00 AM	11/22/2021 10:59:00 PM	Benzo(k)fluoranthene	n/a	<	0.22	µg/L	EPA 625.1	0.22	1	WKL	
MO-FIL	2021/22-1	Wet	10/26/2021 7:11:00 AM	11/17/2021 10:46:00 AM	Benzo(k)fluoranthene	n/a	DNQ	0.027	µg/L	EPA 8270C	0.026	0.1	WKL	
MO-FIL	2021/22-1	Wet	10/26/2021 7:11:00 AM	11/22/2021 10:59:00 PM	Bis(2-chloroethoxy)methane	n/a	<	0.25	µg/L	EPA 625.1	0.25	1	WKL	
MO-FIL	2021/22-1	Wet	10/26/2021 7:11:00 AM	11/22/2021 10:59:00 PM	Bis(2-chloroethyl)ether	n/a	<	0.27	µg/L	EPA 625.1	0.27	1	WKL	
MO-FIL	2021/22-1	Wet	10/26/2021 7:11:00 AM	11/22/2021 10:59:00 PM	Bis(2-chloroisopropyl)ether	n/a	<	0.38	µg/L	EPA 625.1	0.38	1	WKL	
MO-FIL	2021/22-1	Wet	10/26/2021 7:11:00 AM	11/9/2021 10:14:00 PM	Bis(2-ethylhexyl)adipate	n/a	<	2.1	µg/L	EPA 525.2	2.1	25	WKL	
MO-FIL	2021/22-1	Wet	10/26/2021 7:11:00 AM	11/22/2021 10:59:00 PM	Bis(2-ethylhexyl)phthalate	n/a	=	15	µg/L	EPA 625.1	2.3	5	WKL	
MO-FIL	2021/22-1	Wet	10/26/2021 7:11:00 AM	11/9/2021 10:14:00 PM	Bis(2-ethylhexyl)phthalate	n/a	<	2	µg/L	EPA 525.2	2	15	WKL	
MO-FIL	2021/22-1	Wet	10/26/2021 7:11:00 AM	11/22/2021 10:59:00 PM	Butyl benzyl phthalate	n/a	DNQ	0.67	µg/L	EPA 625.1	0.49	1	WKL	
MO-FIL	2021/22-1	Wet	10/26/2021 7:11:00 AM	11/17/2021 10:46:00 AM	Chrysene	n/a	<	0.074	µg/L	EPA 8270C	0.074	0.1	WKL	
MO-FIL	2021/22-1	Wet	10/26/2021 7:11:00 AM	11/22/2021 10:59:00 PM	Chrysene	n/a	<	0.19	µg/L	EPA 625.1	0.19	1	WKL	
MO-FIL	2021/22-1	Wet	10/26/2021 7:11:00 AM	11/22/2021 10:59:00 PM	Dibenz(a,h)anthracene	n/a	<	0.15	µg/L	EPA 625.1	0.15	2	WKL	
MO-FIL	2021/22-1	Wet	10/26/2021 7:11:00 AM	11/17/2021 10:46:00 AM	Dibenz(a,h)anthracene	n/a	<	0.036	µg/L	EPA 8270C	0.036	0.1	WKL	
MO-FIL	2021/22-1	Wet	10/26/2021 7:11:00 AM	11/22/2021 10:59:00 PM	Diethyl phthalate	n/a	<	0.35	µg/L	EPA 625.1	0.35	1	WKL	
MO-FIL	2021/22-1	Wet	10/26/2021 7:11:00 AM	11/22/2021 10:59:00 PM	Dimethyl phthalate	n/a	<	0.18	µg/L	EPA 625.1	0.18	1	WKL	
MO-FIL	2021/22-1	Wet	10/26/2021 7:11:00 AM	11/22/2021 10:59:00 PM	Di-n-butylphthalate	n/a	DNQ	0.39	µg/L	EPA 625.1	0.34	1	WKL	
MO-FIL	2021/22-1	Wet	10/26/2021 7:11:00 AM	11/22/2021 10:59:00 PM	Di-n-octylphthalate	n/a	<	0.46	µg/L	EPA 625.1	0.46	1	WKL	
MO-FIL	2021/22-1	Wet	10/26/2021 7:11:00 AM	11/22/2021 10:59:00 PM	Fluoranthene	n/a	<	0.35	µg/L	EPA 625.1	0.35	1	WKL	
MO-FIL	2021/22-1	Wet	10/26/2021 7:11:00 AM	11/17/2021 10:46:00 AM	Fluoranthene	n/a	<	0.039	µg/L	EPA 8270C	0.039	0.1	WKL	
MO-FIL	2021/22-1	Wet	10/26/2021 7:11:00 AM	11/22/2021 10:59:00 PM	Fluorene	n/a	<	0.35	µg/L	EPA 625.1	0.35	1	WKL	
MO-FIL	2021/22-1	Wet	10/26/2021 7:11:00 AM	11/17/2021 10:46:00 AM	Fluorene	n/a	<	0.029	µg/L	EPA 8270C	0.029	0.1	WKL	
MO-FIL	2021/22-1	Wet	10/26/2021 7:11:00 AM	11/22/2021 10:59:00 PM	Hexachlorobenzene	n/a	<	0.49	µg/L	EPA 625.1	0.49	1	WKL	
MO-FIL	2021/22-1	Wet	10/26/2021 7:11:00 AM	11/22/2021 10:59:00 PM	Hexachlorobutadiene	n/a	<	0.47	µg/L	EPA 625.1	0.47	1	WKL	
MO-FIL	2021/22-1	Wet	10/26/2021 7:11:00 AM	11/9/2021 10:14:00 PM	Hexachlorocyclopentadiene	n/a	<	0.46	µg/L	EPA 525.2	0.46	5	WKL	
MO-FIL	2021/22-1	Wet	10/26/2021 7:11:00 AM	11/22/2021 10:59:00 PM	Hexachlorocyclopentadiene	n/a	<	0.31	µg/L	EPA 625.1	0.31	5	WKL	
MO-FIL	2021/22-1	Wet	10/26/2021 7:11:00 AM	11/22/2021 10:59:00 PM	Hexachloroethane	n/a	<	0.5	µg/L	EPA 625.1	0.5	1	WKL	
MO-FIL	2021/22-1	Wet	10/26/2021 7:11:00 AM	11/22/2021 10:59:00 PM	Indeno(1,2,3-cd)pyrene	n/a	<	0.25	µg/L	EPA 625.1	0.25	2	WKL	
MO-FIL	2021/22-1	Wet	10/26/2021 7:11:00 AM	11/17/2021 10:46:00 AM	Indeno(1,2,3-cd)pyrene	n/a	<	0.065	µg/L	EPA 8270C	0.065	0.1	WKL	
MO-FIL	2021/22-1	Wet	10/26/2021 7:11:00 AM	11/22/2021 10:59:00 PM	Isophorone	n/a	<	0.21	µg/L	EPA 625.1	0.21	1	WKL	
MO-FIL	2021/22-1	Wet	10/26/2021 7:11:00 AM	11/22/2021 10:59:00 PM	Naphthalene	n/a	<	0.49	µg/L	EPA 625.1	0.49	1	WKL	
MO-FIL	2021/22-1	Wet	10/26/2021 7:11:00 AM	11/17/2021 10:46:00 AM	Naphthalene	n/a	<	0.026	µg/L	EPA 8270C	0.026	0.1	WKL	
MO-FIL	2021/22-1	Wet	10/26/2021 7:11:00 AM	11/22/2021 10:59:00 PM	Nitrobenzene	n/a	<	0.36	µg/L	EPA 625.1	0.36	1	WKL	
MO-FIL	2021/22-1	Wet	10/26/2021 7:11:00 AM	11/22/2021 10:59:00 PM	N-Nitrosodimethylamine	n/a	<	0.5	µg/L	EPA 625.1	0.5	1	WKL	
MO-FIL	2021/22-1	Wet	10/26/2021 7:11:00 AM	11/22/2021 10:59:00 PM	N-Nitrosodi-N-propylamine	n/a	<	0.26	µg/L	EPA 625.1	0.26	1	WKL	
MO-FIL	2021/22-1	Wet	10/26/2021 7:11:00 AM	11/22/2021 10:59:00 PM	N-Nitrosodiphenylamine	n/a	<	0.19	µg/L	EPA 625.1	0.19	1	WKL	
MO-FIL	2021/22-1	Wet	10/26/2021 7:11:00 AM	11/22/2021 10:59:00 PM	Phenanthrene	n/a	<	0.32	µg/L	EPA 625.1	0.32	1	WKL	
MO-FIL	2021/22-1	Wet	10/26/2021 7:11:00 AM	11/17/2021 10:46:00 AM	Phenanthrene	n/a	<	0.029	µg/L	EPA 8270C	0.029	0.1	WKL	
MO-FIL	2021/22-1	Wet	10/26/2021 7:11:00 AM	11/19/2021 11:28:00 PM	Phenol	n/a	<	0.35	µg/L	EPA 8270C	0.35	1	WKL	
MO-FIL	2021/22-1	Wet	10/26/2021 7:11:00 AM	11/22/2021 10:59:00 PM	Phenol	n/a	<	0.81	µg/L	EPA 625.1	0.81	1	WKL	
MO-FIL	2021/22-1	Wet	10/26/2021 7:11:00 AM	11/17/2021 10:46:00 AM	Pyrene	n/a	<	0.04	µg/L	EPA 8270C	0.04	0.1	WKL	
MO-FIL	2021/22-1	Wet	10/26/2021 7:11:00 AM	11/22/2021 10:59:00 PM	Pyrene	n/a	<	0.25	µg/L	EPA 625.1	0.25	1	WKL	
MO-FIL	2021/22-1	Wet	10/26/2021 7:11:00 AM	12/10/2021 10:51:00 PM	PCB Aroclor 1016	n/a	<	5	µg/L	EPA 608.3	5	5	WKL	
MO-FIL	2021/22-1	Wet	10/26/2021 7:11:00 AM	12/10/2021 10:51:00 PM	PCB Aroclor 1221	n/a	<	5	µg/L	EPA 608.3	5	5	WKL	
MO-FIL	2021/22-1	Wet	10/26/2021 7:11:00 AM	12/10/2021 10:51:00 PM	PCB Aroclor 1232	n/a	<	5	µg/L	EPA 608.3	5	5	WKL	
MO-FIL	2021/22-1	Wet	10/26/2021 7:11:00 AM	12/10/2021 10:51:00 PM	PCB Aroclor 1242	n/a	<	5	µg/L	EPA 608.3	5	5	WKL	
MO-FIL	2021/22-1	Wet	10/26/2021 7:11:00 AM	12/10/2021 10:51:00 PM	PCB Aroclor 1248	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
MO-FIL	2021/22-1	Wet	10/26/2021 7:11:00 AM	12/10/2021 10:51:00 PM	PCB Aroclor 1254	n/a	<	5	µg/L	EPA 608.3	5	5	WKL	
MO-FIL	2021/22-1	Wet	10/26/2021 7:11:00 AM	12/10/2021 10:51:00 PM	PCB Aroclor 1260	n/a	<	5	µg/L	EPA 608.3	5	5	WKL	
MO-FIL	2021/22-1	Wet	10/26/2021 7:11:00 AM	11/8/2021 2:10:00 AM	2,4,5-T	n/a	<	0.03	µg/L	EPA 515.4	0.03	0.2	WKL	
MO-FIL	2021/22-1	Wet	10/26/2021 7:11:00 AM	11/8/2021 2:10:00 AM	2,4,5-TP	n/a	<	0.026	µg/L	EPA 515.4	0.026	0.2	WKL	
MO-FIL	2021/22-1	Wet	10/26/2021 7:11:00 AM	11/8/2021 2:10:00 AM	2,4-D	n/a	<	0.14	µg/L	EPA 515.4	0.14	0.4	WKL	
MO-FIL	2021/22-1	Wet	10/26/2021 7:11:00 AM	11/8/2021 2:10:00 AM	2,4-DB	n/a	<	3	µg/L	EPA 515.4	3	3	WKL	
MO-FIL	2021/22-1	Wet	10/26/2021 7:11:00 AM	11/8/2021 2:10:00 AM	3,5-Dichlorobenzoic acid	n/a	<	0.12	µg/L	EPA 515.4	0.12	1	WKL	
MO-FIL	2021/22-1	Wet	10/26/2021 7:11:00 AM	12/10/2021 10:51:00 PM	4,4'-DDD	n/a	<	0.0035	µg/L	EPA 608.3	0.0035	0.25	WKL	
MO-FIL	2021/22-1	Wet	10/26/2021 7:11:00 AM	12/10/2021 10:51:00 PM	4,4'-DDE	n/a	<	0.0035	µg/L	EPA 608.3	0.0035	0.25	WKL	
MO-FIL	2021/22-1	Wet	10/26/2021 7:11:00 AM	12/10/2021 10:51:00 PM	4,4'-DDT	n/a	<	0.0055	µg/L	EPA 608.3	0.0055	0.05	WKL	
MO-FIL	2021/22-1	Wet	10/26/2021 7:11:00 AM	11/8/2021 2:10:00 AM	Acifluorfen	n/a	<	0.4	µg/L	EPA 515.4	0.4	0.4	WKL	
MO-FIL	2021/22-1	Wet	10/26/2021 7:11:00 AM	11/9/2021 10:14:00 PM	Alachlor	n/a	<	0.15	µg/L	EPA 525.2	0.15	0.5	WKL	
MO-FIL	2021/22-1	Wet	10/26/2021 7:11:00 AM	12/10/2021 10:51:00 PM	Aldrin	n/a	<	0.005	µg/L	EPA 608.3	0.005	0.025	WKL	
MO-FIL	2021/22-1	Wet	10/26/2021 7:11:00 AM	12/10/2021 10:51:00 PM	alpha-BHC	n/a	<	0.0055	µg/L	EPA 608.3	0.0055	0.05	WKL	
MO-FIL	2021/22-1	Wet	10/26/2021 7:11:00 AM	11/9/2021 10:14:00 PM	Atrazine	n/a	<	0.054	µg/L	EPA 525.2	0.054	0.5	WKL	
MO-FIL	2021/22-1	Wet	10/26/2021 7:11:00 AM	11/12/2021 10:41:00 PM	Azinphos methyl	n/a	<	0.028	µg/L	EPA 625.1m	0.028	0.05	WKL	
MO-FIL	2021/22-1	Wet	10/26/2021 7:11:00 AM	11/8/2021 2:10:00 AM	Bentazon	n/a	<	2	µg/L	EPA 515.4	2	2	WKL	
MO-FIL	2021/22-1	Wet	10/26/2021 7:11:00 AM	12/10/2021 10:51:00 PM	beta-BHC	n/a	<	0.0075	µg/L	EPA 608.3	0.0075	0.025	WKL	
MO-FIL	2021/22-1	Wet	10/26/2021 7:11:00 AM	11/12/2021 10:41:00 PM	Bolstar	n/a	<	0.023	µg/L	EPA 625.1m	0.023	0.05	WKL	
MO-FIL	2021/22-1	Wet	10/26/2021 7:11:00 AM	11/9/2021 10:14:00 PM	Bromacil	n/a	<	0.35	µg/L	EPA 525.2	0.35	2.5	WKL	
MO-FIL	2021/22-1	Wet	10/26/2021 7:11:00 AM	11/9/2021 10:14:00 PM	Butachlor	n/a	<	0.061	µg/L	EPA 525.2	0.061	0.5	WKL	
MO-FIL	2021/22-1	Wet	10/26/2021 7:11:00 AM	11/9/2021 10:14:00 PM	Captan	n/a	<	1.6	µg/L	EPA 525.2	1.6	5	WKL	
MO-FIL	2021/22-1	Wet	10/26/2021 7:11:00 AM	12/10/2021 10:51:00 PM	Chlordane (technical)	n/a	<	0.22	µg/L	EPA 608.3	0.22	0.5	WKL	
MO-FIL	2021/22-1	Wet	10/26/2021 7:11:00 AM	11/9/2021 10:14:00 PM	Chlorpropham	n/a	<	0.2	µg/L	EPA 525.2	0.2	0.5	WKL	
MO-FIL	2021/22-1	Wet	10/26/2021 7:11:00 AM	11/12/2021 10:41:00 PM	Chlorpyrifos	n/a	<	0.034	µg/L	EPA 625.1m	0.034	0.05	WKL	
MO-FIL	2021/22-1	Wet	10/26/2021 7:11:00 AM	11/12/2021 10:41:00 PM	Coumaphos	n/a	<	0.026	µg/L	EPA 625.1m	0.026	0.05	WKL	
MO-FIL	2021/22-1	Wet	10/26/2021 7:11:00 AM	11/8/2021 2:10:00 AM	Dalapon	n/a	<	0.11	µg/L	EPA 515.4	0.11	0.4	WKL	
MO-FIL	2021/22-1	Wet	10/26/2021 7:11:00 AM	11/8/2021 2:10:00 AM	DCPA (Dacthal)	n/a	<	0.1	µg/L	EPA 515.4	0.1	0.1	WKL	
MO-FIL	2021/22-1	Wet	10/26/2021 7:11:00 AM	12/10/2021 10:51:00 PM	delta-BHC	n/a	<	0.0095	µg/L	EPA 608.3	0.0095	0.025	WKL	
MO-FIL	2021/22-1	Wet	10/26/2021 7:11:00 AM	11/12/2021 10:41:00 PM	Demeton-O	n/a	<	0.05	µg/L	EPA 625.1m	0.05	0.05	WKL	
MO-FIL	2021/22-1	Wet	10/26/2021 7:11:00 AM	11/12/2021 10:41:00 PM	Demeton-S	n/a	<	0.05	µg/L	EPA 625.1m	0.05	0.05	WKL	
MO-FIL	2021/22-1	Wet	10/26/2021 7:11:00 AM	11/12/2021 10:41:00 PM	Diazinon	n/a	<	0.026	µg/L	EPA 625.1m	0.026	0.05	WKL	
MO-FIL	2021/22-1	Wet	10/26/2021 7:11:00 AM	11/9/2021 10:14:00 PM	Diazinon	n/a	<	0.11	µg/L	EPA 525.2	0.11	0.5	WKL	
MO-FIL	2021/22-1	Wet	10/26/2021 7:11:00 AM	11/8/2021 2:10:00 AM	Dicamba	n/a	<	0.049	µg/L	EPA 515.4	0.049	0.6	WKL	
MO-FIL	2021/22-1	Wet	10/26/2021 7:11:00 AM	11/8/2021 2:10:00 AM	Dichlorprop	n/a	<	0.12	µg/L	EPA 515.4	0.12	0.3	WKL	
MO-FIL	2021/22-1	Wet	10/26/2021 7:11:00 AM	11/12/2021 10:41:00 PM	Dichlorvos	n/a	<	0.014	µg/L	EPA 625.1m	0.014	0.05	WKL	
MO-FIL	2021/22-1	Wet	10/26/2021 7:11:00 AM	12/10/2021 10:51:00 PM	Dieldrin	n/a	<	0.004	µg/L	EPA 608.3	0.004	0.05	WKL	
MO-FIL	2021/22-1	Wet	10/26/2021 7:11:00 AM	11/9/2021 10:14:00 PM	Dimethoate	n/a	<	0.1	µg/L	EPA 525.2	0.1	1	WKL	
MO-FIL	2021/22-1	Wet	10/26/2021 7:11:00 AM	11/12/2021 10:41:00 PM	Dimethoate	n/a	<	0.031	µg/L	EPA 625.1m	0.031	0.05	WKL	
MO-FIL	2021/22-1	Wet	10/26/2021 7:11:00 AM	11/8/2021 2:10:00 AM	Dinoseb	n/a	<	0.033	µg/L	EPA 515.4	0.033	0.4	WKL	
MO-FIL	2021/22-1	Wet	10/26/2021 7:11:00 AM	11/9/2021 10:14:00 PM	Diphenamid	n/a	<	0.15	µg/L	EPA 525.2	0.15	0.5	WKL	
MO-FIL	2021/22-1	Wet	10/26/2021 7:11:00 AM	11/9/2021 10:14:00 PM	Disulfoton	n/a	<	0.077	µg/L	EPA 525.2	0.077	0.5	WKL	
MO-FIL	2021/22-1	Wet	10/26/2021 7:11:00 AM	11/12/2021 10:41:00 PM	Disulfoton	n/a	<	0.05	µg/L	EPA 625.1m	0.05	0.05	WKL	
MO-FIL	2021/22-1	Wet	10/26/2021 7:11:00 AM	12/10/2021 10:51:00 PM	Endosulfan I	n/a	<	0.0045	µg/L	EPA 608.3	0.0045	0.1	WKL	
MO-FIL	2021/22-1	Wet	10/26/2021 7:11:00 AM	12/10/2021 10:51:00 PM	Endosulfan II	n/a	<	0.0035	µg/L	EPA 608.3	0.0035	0.05	WKL	
MO-FIL	2021/22-1	Wet	10/26/2021 7:11:00 AM	12/10/2021 10:51:00 PM	Endosulfan sulfate	n/a	<	0.0065	µg/L	EPA 608.3	0.0065	0.25	WKL	
MO-FIL	2021/22-1	Wet	10/26/2021 7:11:00 AM	12/10/2021 10:51:00 PM	Endrin	n/a	<	0.0085	µg/L	EPA 608.3	0.0085	0.05	WKL	
MO-FIL	2021/22-1	Wet	10/26/2021 7:11:00 AM	12/10/2021 10:51:00 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
MO-FIL	2021/22-1	Wet	10/26/2021 7:11:00 AM	11/9/2021 10:14:00 PM	EPTC	n/a	<	0.1	µg/L	EPA 525.2	0.1	0.5	WKL	
MO-FIL	2021/22-1	Wet	10/26/2021 7:11:00 AM	11/12/2021 10:41:00 PM	Ethoprop	n/a	<	0.034	µg/L	EPA 625.1m	0.034	0.05	WKL	
MO-FIL	2021/22-1	Wet	10/26/2021 7:11:00 AM	11/12/2021 10:41:00 PM	Ethyl parathion	n/a	<	0.027	µg/L	EPA 625.1m	0.027	0.05	WKL	
MO-FIL	2021/22-1	Wet	10/26/2021 7:11:00 AM	11/12/2021 10:41:00 PM	Fensulfothion	n/a	<	0.014	µg/L	EPA 625.1m	0.014	0.05	WKL	
MO-FIL	2021/22-1	Wet	10/26/2021 7:11:00 AM	11/12/2021 10:41:00 PM	Fenthion	n/a	<	0.019	µg/L	EPA 625.1m	0.019	0.05	WKL	
MO-FIL	2021/22-1	Wet	10/26/2021 7:11:00 AM	12/10/2021 10:51:00 PM	gamma-BHC (Lindane)	n/a	<	0.002	µg/L	EPA 608.3	0.002	0.1	WKL	
MO-FIL	2021/22-1	Wet	10/26/2021 7:11:00 AM	11/7/2021 11:10:00 PM	Glyphosate	n/a	DNQ	14	µg/L	EPA 547	2.1	25	BSKL	
MO-FIL	2021/22-1	Wet	10/26/2021 7:11:00 AM	12/10/2021 10:51:00 PM	Heptachlor	n/a	<	0.003	µg/L	EPA 608.3	0.003	0.05	WKL	
MO-FIL	2021/22-1	Wet	10/26/2021 7:11:00 AM	12/10/2021 10:51:00 PM	Heptachlor epoxide	n/a	<	0.002	µg/L	EPA 608.3	0.002	0.05	WKL	
MO-FIL	2021/22-1	Wet	10/26/2021 7:11:00 AM	11/12/2021 10:41:00 PM	Malathion	n/a	<	0.038	µg/L	EPA 625.1m	0.038	0.05	WKL	
MO-FIL	2021/22-1	Wet	10/26/2021 7:11:00 AM	11/12/2021 10:41:00 PM	Merphos	n/a	<	0.029	µg/L	EPA 625.1m	0.029	0.05	WKL	
MO-FIL	2021/22-1	Wet	10/26/2021 7:11:00 AM	11/12/2021 10:41:00 PM	Methyl parathion	n/a	<	0.032	µg/L	EPA 625.1m	0.032	0.05	WKL	
MO-FIL	2021/22-1	Wet	10/26/2021 7:11:00 AM	11/9/2021 10:14:00 PM	Metolachlor	n/a	<	0.15	µg/L	EPA 525.2	0.15	0.5	WKL	
MO-FIL	2021/22-1	Wet	10/26/2021 7:11:00 AM	11/9/2021 10:14:00 PM	Metribuzin	n/a	<	0.15	µg/L	EPA 525.2	0.15	0.5	WKL	
MO-FIL	2021/22-1	Wet	10/26/2021 7:11:00 AM	11/12/2021 10:41:00 PM	Mevinphos	n/a	<	0.021	µg/L	EPA 625.1m	0.021	0.05	WKL	
MO-FIL	2021/22-1	Wet	10/26/2021 7:11:00 AM	11/9/2021 10:14:00 PM	Molinate	n/a	<	0.15	µg/L	EPA 525.2	0.15	0.5	WKL	
MO-FIL	2021/22-1	Wet	10/26/2021 7:11:00 AM	11/12/2021 10:41:00 PM	Naled	n/a	<	0.038	µg/L	EPA 625.1m	0.038	0.05	WKL	
MO-FIL	2021/22-1	Wet	10/26/2021 7:11:00 AM	11/8/2021 2:10:00 AM	Pentachlorophenol	n/a	=	0.21	µg/L	EPA 515.4	0.046	0.2	WKL	
MO-FIL	2021/22-1	Wet	10/26/2021 7:11:00 AM	11/19/2021 11:28:00 PM	Pentachlorophenol	n/a	<	0.15	µg/L	EPA 8270C	0.15	1	WKL	
MO-FIL	2021/22-1	Wet	10/26/2021 7:11:00 AM	11/22/2021 10:59:00 PM	Pentachlorophenol	n/a	<	0.4	µg/L	EPA 625.1	0.4	1	WKL	
MO-FIL	2021/22-1	Wet	10/26/2021 7:11:00 AM	11/12/2021 10:41:00 PM	Phorate	n/a	<	0.015	µg/L	EPA 625.1m	0.015	0.05	WKL	
MO-FIL	2021/22-1	Wet	10/26/2021 7:11:00 AM	11/8/2021 2:10:00 AM	Picloram	n/a	<	0.05	µg/L	EPA 515.4	0.05	0.6	WKL	
MO-FIL	2021/22-1	Wet	10/26/2021 7:11:00 AM	11/9/2021 10:14:00 PM	Prometryn	n/a	<	0.15	µg/L	EPA 525.2	0.15	0.5	WKL	
MO-FIL	2021/22-1	Wet	10/26/2021 7:11:00 AM	11/12/2021 10:41:00 PM	Ronnel (Fenchlorphos)	n/a	<	0.02	µg/L	EPA 625.1m	0.02	0.05	WKL	
MO-FIL	2021/22-1	Wet	10/26/2021 7:11:00 AM	11/9/2021 10:14:00 PM	Simazine	n/a	<	0.1	µg/L	EPA 525.2	0.1	0.5	WKL	
MO-FIL	2021/22-1	Wet	10/26/2021 7:11:00 AM	11/12/2021 10:41:00 PM	Stirophos (Tetrachlorvinphos)	n/a	<	0.016	µg/L	EPA 625.1m	0.016	0.05	WKL	
MO-FIL	2021/22-1	Wet	10/26/2021 7:11:00 AM	11/9/2021 10:14:00 PM	Terbacil	n/a	<	0.45	µg/L	EPA 525.2	0.45	10	WKL	
MO-FIL	2021/22-1	Wet	10/26/2021 7:11:00 AM	11/9/2021 10:14:00 PM	Thiobencarb	n/a	<	0.15	µg/L	EPA 525.2	0.15	0.5	WKL	
MO-FIL	2021/22-1	Wet	10/26/2021 7:11:00 AM	11/12/2021 10:41:00 PM	Tokuthion	n/a	<	0.039	µg/L	EPA 625.1m	0.039	0.05	WKL	
MO-FIL	2021/22-1	Wet	10/26/2021 7:11:00 AM	12/10/2021 10:51:00 PM	Toxaphene	n/a	<	5	µg/L	EPA 608.3	5	5	WKL	
MO-FIL	2021/22-1	Wet	10/26/2021 7:11:00 AM	11/12/2021 10:41:00 PM	Trichloronate	n/a	<	0.034	µg/L	EPA 625.1m	0.034	0.05	WKL	
MO-FIL	2021/22-1	Wet	10/26/2021 7:11:00 AM	11/9/2021 10:14:00 PM	Trithion	n/a	<	0.1	µg/L	EPA 525.2	0.1	0.5	WKL	
MO-FIL	2021/22-2	Wet	12/14/2021 2:40:00 AM	12/15/2021 2:50:00 AM	E. Coli	n/a	=	9208	MPN/100 mL	MMO-MUG	10	10	VCHCA	
MO-FIL	2021/22-2	Wet	12/14/2021 2:40:00 AM	12/15/2021 2:50:00 AM	Total Coliform	n/a	=	155310	MPN/100 mL	MMO-MUG	100	100	VCHCA	
MO-FIL	2021/22-2	Wet	12/14/2021 2:40:00 AM	12/14/2021 2:40:00 AM	Conductivity	n/a	=	102	µmhos/cm	Field Meter	-88	1	Field Crew	
MO-FIL	2021/22-2	Wet	12/14/2021 2:40:00 AM	12/22/2021 2:40:00 PM	Cyanide	Total	<	0.0012	mg/L	ASTM D7511	0.0012	0.002	WKL	
MO-FIL	2021/22-2	Wet	12/14/2021 2:40:00 AM	12/14/2021 2:40:00 AM	DO	n/a	=	9.47	mg/L	Field Meter	-88	0.3	Field Crew	
MO-FIL	2021/22-2	Wet	12/14/2021 2:40:00 AM	12/14/2021 2:40:00 AM	DO	n/a	=	88.5	%	Field Meter	-88	0.1	Field Crew	
MO-FIL	2021/22-2	Wet	12/14/2021 2:40:00 AM	12/14/2021 2:40:00 AM	pH	n/a	=	7.56	pH Units	Field Meter	-88	0.01	Field Crew	
MO-FIL	2021/22-2	Wet	12/14/2021 2:40:00 AM	12/14/2021 2:40:00 AM	Salinity	n/a	=	100	mg/L	Field Meter	-88	100	Field Crew	
MO-FIL	2021/22-2	Wet	12/14/2021 2:40:00 AM	12/14/2021 2:40:00 AM	Specific Conductance	n/a	=	135.3	µmhos/cm	Field Meter	-88	1	Field Crew	
MO-FIL	2021/22-2	Wet	12/14/2021 2:40:00 AM	12/14/2021 2:40:00 AM	Temperature	n/a	=	12.2	°C	Field Meter	-88	0.1	Field Crew	
MO-FIL	2021/22-2	Wet	12/14/2021 2:40:00 AM	12/21/2021 10:47:00 AM	Gasoline Range Organics	n/a	DNQ	0.082	mg/L	EPA 8260B	0.065	0.1	WKL	
MO-FIL	2021/22-2	Wet	12/14/2021 2:40:00 AM	12/21/2021 4:20:00 PM	Oil and Grease	n/a	<	1.3	mg/L	EPA 1664B	1.3	5	WKL	
MO-FIL	2021/22-2	Wet	12/14/2021 2:40:00 AM	12/16/2021 7:28:00 PM	2-Chloroethyl vinyl ether	n/a	<	0.95	µg/L	EPA 624.1	0.95	5	WKL	DG
MO-FIL	2021/22-2	Wet	12/14/2021 2:40:00 AM	12/16/2021 7:28:00 PM	Methyl tert-butyl ether (MTBE)	n/a	<	2	µg/L	EPA 624.1	2	5	WKL	DG
MO-FIL	2021/22-2	Wet	12/14/2021 2:45:00 PM	12/16/2021 5:05:00 PM	Chloride	n/a	=	15	mg/L	EPA 300.0	0.38	1	WKL	
MO-FIL	2021/22-2	Wet	12/14/2021 2:45:00 PM	12/18/2021 3:08:00 AM	Fluoride	n/a	DNQ	0.092	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
MO-FIL	2021/22-2	Wet	12/14/2021 2:45:00 PM	12/19/2021 1:34:00 AM	Perchlorate	n/a	DNQ	2.4	µg/L	EPA 314.0	0.78	4	WKL	
MO-FIL	2021/22-2	Wet	12/14/2021 2:45:00 PM	12/29/2021 6:53:00 PM	Calcium	Total	=	26.5	mg/L	EPA 200.7	0.16	0.5	WKL	
MO-FIL	2021/22-2	Wet	12/14/2021 2:45:00 PM	12/29/2021 6:53:00 PM	Magnesium	Total	=	6.63	mg/L	EPA 200.7	0.039	0.5	WKL	
MO-FIL	2021/22-2	Wet	12/14/2021 2:45:00 PM	12/20/2021 10:43:00 AM	Alkalinity as CaCO3	n/a	=	32	mg/L	SM 2320 B	2.3	5	WKL	
MO-FIL	2021/22-2	Wet	12/14/2021 2:45:00 PM	12/20/2021 7:23:00 PM	BOD	n/a	=	6.3	mg/L	SM 5210 B	2	2	WKL	
MO-FIL	2021/22-2	Wet	12/14/2021 2:45:00 PM	1/2/2022 11:31:00 AM	COD	n/a	=	45	mg/L	EPA 410.4	2.9	5	WKL	
MO-FIL	2021/22-2	Wet	12/14/2021 2:45:00 PM	12/29/2021 6:53:00 PM	Hardness as CaCO3	Total	=	93.3	mg/L	EPA 200.7	0.56	3.31	WKL	
MO-FIL	2021/22-2	Wet	12/14/2021 2:45:00 PM	12/15/2021 7:28:00 PM	MBAS	n/a	=	0.14	mg/L	SM 5540 C	0.013	0.05	WKL	
MO-FIL	2021/22-2	Wet	12/14/2021 2:45:00 PM	1/2/2022 11:54:00 AM	Phenolics	n/a	DNQ	0.0089	mg/L	EPA 420.4	0.0068	0.01	WKL	
MO-FIL	2021/22-2	Wet	12/14/2021 2:45:00 PM	12/16/2021 1:58:00 PM	Specific Conductance	n/a	=	270	µmhos/cm	SM 2510 B	1.1	2	WKL	
MO-FIL	2021/22-2	Wet	12/14/2021 2:45:00 PM	12/21/2021 1:10:00 PM	Total Dissolved Solids	n/a	=	150	mg/L	SM 2540 C	4	10	WKL	
MO-FIL	2021/22-2	Wet	12/14/2021 2:45:00 PM	12/24/2021 4:27:00 AM	Total Organic Carbon	n/a	=	9.4	mg/L	SM 5310 B	0.19	0.3	WKL	
MO-FIL	2021/22-2	Wet	12/14/2021 2:45:00 PM	12/20/2021 7:00:00 PM	Total Suspended Solids	n/a	=	72	mg/L	SM 2540 D	-88	5	WKL	
MO-FIL	2021/22-2	Wet	12/14/2021 2:45:00 PM	12/15/2021 5:43:00 PM	Turbidity	n/a	=	45	NTU	EPA 180.1	1.7	10	WKL	
MO-FIL	2021/22-2	Wet	12/14/2021 2:45:00 PM	12/20/2021 7:00:00 PM	Volatile Suspended Solids	n/a	=	12	mg/L	EPA 160.4	3.1	5	WKL	
MO-FIL	2021/22-2	Wet	12/14/2021 2:45:00 PM	12/29/2021 9:25:00 PM	Diesel Range Organics	n/a	=	0.31	mg/L	EPA 8015B	0.14	0.2	WKL	EST-LCSRDP
MO-FIL	2021/22-2	Wet	12/14/2021 2:45:00 PM	12/29/2021 9:25:00 PM	Oil Range Organics	n/a	<	0.66	mg/L	EPA 8015B	0.66	1	WKL	
MO-FIL	2021/22-2	Wet	12/14/2021 2:45:00 PM	1/17/2022 7:08:00 PM	Aluminum	Dissolved	DNQ	19	µg/L	EPA 200.8	4.4	20	WKL	
MO-FIL	2021/22-2	Wet	12/14/2021 2:45:00 PM	1/17/2022 7:11:00 PM	Aluminum	Total	=	1400	µg/L	EPA 200.8	4.4	20	WKL	HB-MSR
MO-FIL	2021/22-2	Wet	12/14/2021 2:45:00 PM	1/17/2022 7:08:00 PM	Antimony	Dissolved	DNQ	0.39	µg/L	EPA 200.8	0.089	0.5	WKL	
MO-FIL	2021/22-2	Wet	12/14/2021 2:45:00 PM	1/17/2022 7:11:00 PM	Antimony	Total	=	0.74	µg/L	EPA 200.8	0.089	0.5	WKL	
MO-FIL	2021/22-2	Wet	12/14/2021 2:45:00 PM	1/17/2022 7:08:00 PM	Arsenic	Dissolved	=	0.9	µg/L	EPA 200.8	0.074	0.4	WKL	
MO-FIL	2021/22-2	Wet	12/14/2021 2:45:00 PM	1/17/2022 7:11:00 PM	Arsenic	Total	=	1.5	µg/L	EPA 200.8	0.074	0.4	WKL	
MO-FIL	2021/22-2	Wet	12/14/2021 2:45:00 PM	1/17/2022 7:11:00 PM	Barium	Total	=	38	µg/L	EPA 200.8	0.14	1	WKL	
MO-FIL	2021/22-2	Wet	12/14/2021 2:45:00 PM	1/17/2022 7:08:00 PM	Beryllium	Dissolved	<	0.062	µg/L	EPA 200.8	0.062	0.1	WKL	
MO-FIL	2021/22-2	Wet	12/14/2021 2:45:00 PM	1/17/2022 7:11:00 PM	Beryllium	Total	DNQ	0.069	µg/L	EPA 200.8	0.062	0.1	WKL	
MO-FIL	2021/22-2	Wet	12/14/2021 2:45:00 PM	1/17/2022 7:08:00 PM	Cadmium	Dissolved	DNQ	0.15	µg/L	EPA 200.8	0.042	0.2	WKL	
MO-FIL	2021/22-2	Wet	12/14/2021 2:45:00 PM	1/17/2022 7:11:00 PM	Cadmium	Total	=	0.61	µg/L	EPA 200.8	0.042	0.2	WKL	
MO-FIL	2021/22-2	Wet	12/14/2021 2:45:00 PM	1/17/2022 7:08:00 PM	Chromium	Dissolved	=	1	µg/L	EPA 200.8	0.089	0.2	WKL	
MO-FIL	2021/22-2	Wet	12/14/2021 2:45:00 PM	1/17/2022 7:11:00 PM	Chromium	Total	=	5.5	µg/L	EPA 200.8	0.089	0.2	WKL	
MO-FIL	2021/22-2	Wet	12/14/2021 2:45:00 PM	12/20/2021 4:03:00 PM	Chromium VI	n/a	=	0.82	µg/L	EPA 218.6	0.0079	0.02	WKL	
MO-FIL	2021/22-2	Wet	12/14/2021 2:45:00 PM	1/17/2022 7:08:00 PM	Copper	Dissolved	=	6	µg/L	EPA 200.8	0.23	0.5	WKL	
MO-FIL	2021/22-2	Wet	12/14/2021 2:45:00 PM	1/17/2022 7:11:00 PM	Copper	Total	=	16	µg/L	EPA 200.8	0.23	0.5	WKL	
MO-FIL	2021/22-2	Wet	12/14/2021 2:45:00 PM	1/17/2022 7:08:00 PM	Iron	Dissolved	=	32	µg/L	EPA 200.8	3.9	20	WKL	
MO-FIL	2021/22-2	Wet	12/14/2021 2:45:00 PM	1/17/2022 7:11:00 PM	Iron	Total	=	2300	µg/L	EPA 200.8	3.9	20	WKL	
MO-FIL	2021/22-2	Wet	12/14/2021 2:45:00 PM	1/17/2022 7:08:00 PM	Lead	Dissolved	DNQ	0.092	µg/L	EPA 200.8	0.083	0.2	WKL	
MO-FIL	2021/22-2	Wet	12/14/2021 2:45:00 PM	1/17/2022 7:11:00 PM	Lead	Total	=	3.1	µg/L	EPA 200.8	0.083	0.2	WKL	
MO-FIL	2021/22-2	Wet	12/14/2021 2:45:00 PM	12/28/2021 3:50:00 PM	Mercury	Dissolved	<	17	ng/L	EPA 245.1	17	50	WKL	
MO-FIL	2021/22-2	Wet	12/14/2021 2:45:00 PM	12/28/2021 3:52:00 PM	Mercury	Total	<	17	ng/L	EPA 245.1	17	50	WKL	
MO-FIL	2021/22-2	Wet	12/14/2021 2:45:00 PM	1/17/2022 7:08:00 PM	Nickel	Dissolved	DNQ	1.8	µg/L	EPA 200.8	0.16	2	WKL	
MO-FIL	2021/22-2	Wet	12/14/2021 2:45:00 PM	1/17/2022 7:11:00 PM	Nickel	Total	=	5.8	µg/L	EPA 200.8	0.16	2	WKL	
MO-FIL	2021/22-2	Wet	12/14/2021 2:45:00 PM	1/17/2022 7:08:00 PM	Selenium	Dissolved	=	0.81	µg/L	EPA 200.8	0.067	0.4	WKL	
MO-FIL	2021/22-2	Wet	12/14/2021 2:45:00 PM	1/17/2022 7:11:00 PM	Selenium	Total	=	0.97	µg/L	EPA 200.8	0.067	0.4	WKL	
MO-FIL	2021/22-2	Wet	12/14/2021 2:45:00 PM	1/17/2022 7:08:00 PM	Silver	Dissolved	<	0.03	µg/L	EPA 200.8	0.03	0.2	WKL	
MO-FIL	2021/22-2	Wet	12/14/2021 2:45:00 PM	1/17/2022 7:11:00 PM	Silver	Total	DNQ	0.039	µg/L	EPA 200.8	0.03	0.2	WKL	UL-MB
MO-FIL	2021/22-2	Wet	12/14/2021 2:45:00 PM	1/17/2022 7:08:00 PM	Thallium	Dissolved	<	0.021	µg/L	EPA 200.8	0.021	0.2	WKL	
MO-FIL	2021/22-2	Wet	12/14/2021 2:45:00 PM	1/17/2022 7:11:00 PM	Thallium	Total	DNQ	0.053	µg/L	EPA 200.8	0.021	0.2	WKL	
MO-FIL	2021/22-2	Wet	12/14/2021 2:45:00 PM	1/17/2022 7:08:00 PM	Zinc	Dissolved	=	22	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-FIL	2021/22-2	Wet	12/14/2021 2:45:00 PM	1/17/2022 7:11:00 PM	Zinc	Total	=	70	µg/L	EPA 200.8	0.8	10	WKL	
MO-FIL	2021/22-2	Wet	12/14/2021 2:45:00 PM	12/29/2021 3:44:00 PM	Ammonia as N	n/a	=	0.25	mg/L	EPA 350.1	0.017	0.1	WKL	
MO-FIL	2021/22-2	Wet	12/14/2021 2:45:00 PM	1/10/2022 4:53:00 PM	Nitrate + Nitrite as N	n/a	=	1.5	mg/L	EPA 353.2	0.036	0.2	WKL	
MO-FIL	2021/22-2	Wet	12/14/2021 2:45:00 PM	12/29/2021 6:50:00 PM	Phosphorus as P	Dissolved	=	0.28	mg/L	EPA 200.7	0.018	0.05	WKL	
MO-FIL	2021/22-2	Wet	12/14/2021 2:45:00 PM	12/29/2021 6:53:00 PM	Phosphorus as P	Total	=	0.46	mg/L	EPA 200.7	0.018	0.05	WKL	
MO-FIL	2021/22-2	Wet	12/14/2021 2:45:00 PM	1/6/2022 5:54:00 PM	TKN	n/a	=	1.5	mg/L	EPA 351.2	0.13	0.2	WKL	
MO-FIL	2021/22-2	Wet	12/14/2021 2:45:00 PM	1/19/2022 12:48:00 AM	1,2,4-Trichlorobenzene	n/a	<	0.49	µg/L	EPA 625.1	0.49	1	WKL	
MO-FIL	2021/22-2	Wet	12/14/2021 2:45:00 PM	1/19/2022 12:48:00 AM	1,2-Dichlorobenzene	n/a	<	0.46	µg/L	EPA 625.1	0.46	1	WKL	
MO-FIL	2021/22-2	Wet	12/14/2021 2:45:00 PM	1/19/2022 12:48:00 AM	1,2-Diphenylhydrazine	n/a	<	0.3	µg/L	EPA 625.1	0.3	1	WKL	
MO-FIL	2021/22-2	Wet	12/14/2021 2:45:00 PM	1/19/2022 12:48:00 AM	1,3-Dichlorobenzene	n/a	<	0.42	µg/L	EPA 625.1	0.42	1	WKL	
MO-FIL	2021/22-2	Wet	12/14/2021 2:45:00 PM	1/19/2022 12:48:00 AM	1,4-Dichlorobenzene	n/a	<	0.48	µg/L	EPA 625.1	0.48	1	WKL	
MO-FIL	2021/22-2	Wet	12/14/2021 2:45:00 PM	1/15/2022 12:43:00 PM	1-Methylnaphthalene	n/a	<	0.024	µg/L	EPA 8270C	0.024	0.1	WKL	
MO-FIL	2021/22-2	Wet	12/14/2021 2:45:00 PM	1/14/2022 6:36:00 AM	2,4,5-Trichlorophenol	n/a	<	0.29	µg/L	EPA 8270C	0.29	1	WKL	
MO-FIL	2021/22-2	Wet	12/14/2021 2:45:00 PM	1/19/2022 12:48:00 AM	2,4,6-Trichlorophenol	n/a	<	0.22	µg/L	EPA 625.1	0.22	1	WKL	
MO-FIL	2021/22-2	Wet	12/14/2021 2:45:00 PM	1/14/2022 6:36:00 AM	2,4,6-Trichlorophenol	n/a	<	0.3	µg/L	EPA 8270C	0.3	1	WKL	
MO-FIL	2021/22-2	Wet	12/14/2021 2:45:00 PM	1/19/2022 12:48:00 AM	2,4-Dichlorophenol	n/a	<	0.26	µg/L	EPA 625.1	0.26	1	WKL	
MO-FIL	2021/22-2	Wet	12/14/2021 2:45:00 PM	1/14/2022 6:36:00 AM	2,4-Dichlorophenol	n/a	<	0.51	µg/L	EPA 8270C	0.51	1	WKL	
MO-FIL	2021/22-2	Wet	12/14/2021 2:45:00 PM	1/19/2022 12:48:00 AM	2,4-Dimethylphenol	n/a	<	0.76	µg/L	EPA 625.1	0.76	1	WKL	-LCSRPD, LB-L
MO-FIL	2021/22-2	Wet	12/14/2021 2:45:00 PM	1/14/2022 6:36:00 AM	2,4-Dimethylphenol	n/a	<	1	µg/L	EPA 8270C	1	2	WKL	EST-LCSRPD
MO-FIL	2021/22-2	Wet	12/14/2021 2:45:00 PM	1/19/2022 12:48:00 AM	2,4-Dinitrophenol	n/a	<	1.9	µg/L	EPA 625.1	1.9	10	WKL	
MO-FIL	2021/22-2	Wet	12/14/2021 2:45:00 PM	1/14/2022 6:36:00 AM	2,4-Dinitrophenol	n/a	<	1	µg/L	EPA 8270C	1	2	WKL	
MO-FIL	2021/22-2	Wet	12/14/2021 2:45:00 PM	1/19/2022 12:48:00 AM	2,4-Dinitrotoluene	n/a	<	0.46	µg/L	EPA 625.1	0.46	1	WKL	
MO-FIL	2021/22-2	Wet	12/14/2021 2:45:00 PM	1/19/2022 12:48:00 AM	2,6-Dinitrotoluene	n/a	<	0.27	µg/L	EPA 625.1	0.27	1	WKL	
MO-FIL	2021/22-2	Wet	12/14/2021 2:45:00 PM	1/19/2022 12:48:00 AM	2-Chloronaphthalene	n/a	<	0.45	µg/L	EPA 625.1	0.45	1	WKL	
MO-FIL	2021/22-2	Wet	12/14/2021 2:45:00 PM	1/19/2022 12:48:00 AM	2-Chlorophenol	n/a	<	0.28	µg/L	EPA 625.1	0.28	1	WKL	
MO-FIL	2021/22-2	Wet	12/14/2021 2:45:00 PM	1/14/2022 6:36:00 AM	2-Chlorophenol	n/a	<	0.65	µg/L	EPA 8270C	0.65	1	WKL	
MO-FIL	2021/22-2	Wet	12/14/2021 2:45:00 PM	1/15/2022 12:43:00 PM	2-Methylnaphthalene	n/a	<	0.026	µg/L	EPA 8270C	0.026	0.1	WKL	
MO-FIL	2021/22-2	Wet	12/14/2021 2:45:00 PM	1/14/2022 6:36:00 AM	2-Methylphenol	n/a	<	0.34	µg/L	EPA 8270C	0.34	1	WKL	
MO-FIL	2021/22-2	Wet	12/14/2021 2:45:00 PM	1/19/2022 12:48:00 AM	2-Nitrophenol	n/a	<	0.26	µg/L	EPA 625.1	0.26	1	WKL	
MO-FIL	2021/22-2	Wet	12/14/2021 2:45:00 PM	1/14/2022 6:36:00 AM	2-Nitrophenol	n/a	<	0.71	µg/L	EPA 8270C	0.71	1	WKL	
MO-FIL	2021/22-2	Wet	12/14/2021 2:45:00 PM	1/19/2022 12:48:00 AM	3,3'-Dichlorobenzidine	n/a	<	2.5	µg/L	EPA 625.1	2.5	5	WKL	
MO-FIL	2021/22-2	Wet	12/14/2021 2:45:00 PM	1/14/2022 6:36:00 AM	3-/4-Methylphenol	n/a	<	0.3	µg/L	EPA 8270C	0.3	1	WKL	
MO-FIL	2021/22-2	Wet	12/14/2021 2:45:00 PM	1/14/2022 6:36:00 AM	4,6-Dinitro-2-methylphenol	n/a	<	0.14	µg/L	EPA 8270C	0.14	1	WKL	
MO-FIL	2021/22-2	Wet	12/14/2021 2:45:00 PM	1/19/2022 12:48:00 AM	4,6-Dinitro-2-methylphenol	n/a	<	0.5	µg/L	EPA 625.1	0.5	5	WKL	
MO-FIL	2021/22-2	Wet	12/14/2021 2:45:00 PM	1/19/2022 12:48:00 AM	4-Bromophenyl phenyl ether	n/a	<	0.36	µg/L	EPA 625.1	0.36	1	WKL	
MO-FIL	2021/22-2	Wet	12/14/2021 2:45:00 PM	1/19/2022 12:48:00 AM	4-Chloro-3-methylphenol	n/a	<	0.23	µg/L	EPA 625.1	0.23	1	WKL	
MO-FIL	2021/22-2	Wet	12/14/2021 2:45:00 PM	1/14/2022 6:36:00 AM	4-Chloro-3-methylphenol	n/a	<	0.37	µg/L	EPA 8270C	0.37	1	WKL	
MO-FIL	2021/22-2	Wet	12/14/2021 2:45:00 PM	1/19/2022 12:48:00 AM	4-Chlorophenyl phenyl ether	n/a	<	0.41	µg/L	EPA 625.1	0.41	1	WKL	
MO-FIL	2021/22-2	Wet	12/14/2021 2:45:00 PM	1/14/2022 6:36:00 AM	4-Nitrophenol	n/a	<	1	µg/L	EPA 8270C	1	2	WKL	
MO-FIL	2021/22-2	Wet	12/14/2021 2:45:00 PM	1/19/2022 12:48:00 AM	4-Nitrophenol	n/a	<	1.2	µg/L	EPA 625.1	1.2	5	WKL	
MO-FIL	2021/22-2	Wet	12/14/2021 2:45:00 PM	1/19/2022 12:48:00 AM	Acenaphthene	n/a	<	0.38	µg/L	EPA 625.1	0.38	1	WKL	
MO-FIL	2021/22-2	Wet	12/14/2021 2:45:00 PM	1/15/2022 12:43:00 PM	Acenaphthene	n/a	<	0.028	µg/L	EPA 8270C	0.028	0.1	WKL	
MO-FIL	2021/22-2	Wet	12/14/2021 2:45:00 PM	1/19/2022 12:48:00 AM	Acenaphthylene	n/a	<	0.35	µg/L	EPA 625.1	0.35	1	WKL	
MO-FIL	2021/22-2	Wet	12/14/2021 2:45:00 PM	1/15/2022 12:43:00 PM	Acenaphthylene	n/a	<	0.033	µg/L	EPA 8270C	0.033	0.1	WKL	
MO-FIL	2021/22-2	Wet	12/14/2021 2:45:00 PM	1/19/2022 12:48:00 AM	Anthracene	n/a	<	0.41	µg/L	EPA 625.1	0.41	1	WKL	
MO-FIL	2021/22-2	Wet	12/14/2021 2:45:00 PM	1/15/2022 12:43:00 PM	Anthracene	n/a	<	0.025	µg/L	EPA 8270C	0.025	0.1	WKL	
MO-FIL	2021/22-2	Wet	12/14/2021 2:45:00 PM	1/19/2022 12:48:00 AM	Benz(a)anthracene	n/a	<	0.19	µg/L	EPA 625.1	0.19	1	WKL	
MO-FIL	2021/22-2	Wet	12/14/2021 2:45:00 PM	1/15/2022 12:43:00 PM	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
MO-FIL	2021/22-2	Wet	12/14/2021 2:45:00 PM	1/19/2022 12:48:00 AM	Benidine	n/a	<	3.2	µg/L	EPA 625.1	3.2	10	WKL	
MO-FIL	2021/22-2	Wet	12/14/2021 2:45:00 PM	12/23/2021 9:29:00 PM	Benzo(a)pyrene	n/a	<	0.2	µg/L	EPA 525.2	0.2	1	WKL	
MO-FIL	2021/22-2	Wet	12/14/2021 2:45:00 PM	1/19/2022 12:48:00 AM	Benzo(a)pyrene	n/a	<	0.39	µg/L	EPA 625.1	0.39	1	WKL	
MO-FIL	2021/22-2	Wet	12/14/2021 2:45:00 PM	1/15/2022 12:43:00 PM	Benzo(a)pyrene	n/a	<	0.051	µg/L	EPA 8270C	0.051	0.1	WKL	
MO-FIL	2021/22-2	Wet	12/14/2021 2:45:00 PM	1/19/2022 12:48:00 AM	Benzo(b)fluoranthene	n/a	<	0.46	µg/L	EPA 625.1	0.46	1	WKL	
MO-FIL	2021/22-2	Wet	12/14/2021 2:45:00 PM	1/15/2022 12:43:00 PM	Benzo(b)fluoranthene	n/a	<	0.074	µg/L	EPA 8270C	0.074	0.1	WKL	
MO-FIL	2021/22-2	Wet	12/14/2021 2:45:00 PM	1/19/2022 12:48:00 AM	Benzo(g,h,i)perylene	n/a	<	0.42	µg/L	EPA 625.1	0.42	2	WKL	
MO-FIL	2021/22-2	Wet	12/14/2021 2:45:00 PM	1/15/2022 12:43:00 PM	Benzo(g,h,i)perylene	n/a	<	0.05	µg/L	EPA 8270C	0.05	0.1	WKL	
MO-FIL	2021/22-2	Wet	12/14/2021 2:45:00 PM	1/19/2022 12:48:00 AM	Benzo(k)fluoranthene	n/a	<	0.22	µg/L	EPA 625.1	0.22	1	WKL	
MO-FIL	2021/22-2	Wet	12/14/2021 2:45:00 PM	1/15/2022 12:43:00 PM	Benzo(k)fluoranthene	n/a	<	0.026	µg/L	EPA 8270C	0.026	0.1	WKL	
MO-FIL	2021/22-2	Wet	12/14/2021 2:45:00 PM	1/19/2022 12:48:00 AM	Bis(2-chloroethoxy)methane	n/a	<	0.25	µg/L	EPA 625.1	0.25	1	WKL	
MO-FIL	2021/22-2	Wet	12/14/2021 2:45:00 PM	1/19/2022 12:48:00 AM	Bis(2-chloroethyl)ether	n/a	<	0.27	µg/L	EPA 625.1	0.27	1	WKL	
MO-FIL	2021/22-2	Wet	12/14/2021 2:45:00 PM	1/19/2022 12:48:00 AM	Bis(2-chloroisopropyl)ether	n/a	<	0.38	µg/L	EPA 625.1	0.38	1	WKL	
MO-FIL	2021/22-2	Wet	12/14/2021 2:45:00 PM	12/23/2021 9:29:00 PM	Bis(2-ethylhexyl)adipate	n/a	<	4.2	µg/L	EPA 525.2	4.2	50	WKL	
MO-FIL	2021/22-2	Wet	12/14/2021 2:45:00 PM	12/23/2021 9:29:00 PM	Bis(2-ethylhexyl)phthalate	n/a	<	4.1	µg/L	EPA 525.2	4.1	30	WKL	
MO-FIL	2021/22-2	Wet	12/14/2021 2:45:00 PM	1/19/2022 12:48:00 AM	Bis(2-ethylhexyl)phthalate	n/a	=	62	µg/L	EPA 625.1	2.3	5	WKL	CJ, Q
MO-FIL	2021/22-2	Wet	12/14/2021 2:45:00 PM	1/19/2022 12:48:00 AM	Butyl benzyl phthalate	n/a	<	0.49	µg/L	EPA 625.1	0.49	1	WKL	
MO-FIL	2021/22-2	Wet	12/14/2021 2:45:00 PM	1/19/2022 12:48:00 AM	Chrysene	n/a	<	0.19	µg/L	EPA 625.1	0.19	1	WKL	
MO-FIL	2021/22-2	Wet	12/14/2021 2:45:00 PM	1/15/2022 12:43:00 PM	Chrysene	n/a	<	0.074	µg/L	EPA 8270C	0.074	0.1	WKL	
MO-FIL	2021/22-2	Wet	12/14/2021 2:45:00 PM	1/19/2022 12:48:00 AM	Dibenz(a,h)anthracene	n/a	<	0.15	µg/L	EPA 625.1	0.15	2	WKL	
MO-FIL	2021/22-2	Wet	12/14/2021 2:45:00 PM	1/15/2022 12:43:00 PM	Dibenz(a,h)anthracene	n/a	<	0.036	µg/L	EPA 8270C	0.036	0.1	WKL	
MO-FIL	2021/22-2	Wet	12/14/2021 2:45:00 PM	1/19/2022 12:48:00 AM	Diethyl phthalate	n/a	<	0.35	µg/L	EPA 625.1	0.35	1	WKL	
MO-FIL	2021/22-2	Wet	12/14/2021 2:45:00 PM	1/19/2022 12:48:00 AM	Dimethyl phthalate	n/a	<	0.18	µg/L	EPA 625.1	0.18	1	WKL	
MO-FIL	2021/22-2	Wet	12/14/2021 2:45:00 PM	1/19/2022 12:48:00 AM	Di-n-butylphthalate	n/a	DNQ	0.48	µg/L	EPA 625.1	0.34	1	WKL	
MO-FIL	2021/22-2	Wet	12/14/2021 2:45:00 PM	1/19/2022 12:48:00 AM	Di-n-octylphthalate	n/a	<	0.46	µg/L	EPA 625.1	0.46	1	WKL	
MO-FIL	2021/22-2	Wet	12/14/2021 2:45:00 PM	1/19/2022 12:48:00 AM	Fluoranthene	n/a	<	0.35	µg/L	EPA 625.1	0.35	1	WKL	
MO-FIL	2021/22-2	Wet	12/14/2021 2:45:00 PM	1/15/2022 12:43:00 PM	Fluoranthene	n/a	DNQ	0.047	µg/L	EPA 8270C	0.039	0.1	WKL	
MO-FIL	2021/22-2	Wet	12/14/2021 2:45:00 PM	1/19/2022 12:48:00 AM	Fluorene	n/a	<	0.35	µg/L	EPA 625.1	0.35	1	WKL	
MO-FIL	2021/22-2	Wet	12/14/2021 2:45:00 PM	1/15/2022 12:43:00 PM	Fluorene	n/a	<	0.029	µg/L	EPA 8270C	0.029	0.1	WKL	
MO-FIL	2021/22-2	Wet	12/14/2021 2:45:00 PM	1/19/2022 12:48:00 AM	Hexachlorobenzene	n/a	<	0.49	µg/L	EPA 625.1	0.49	1	WKL	
MO-FIL	2021/22-2	Wet	12/14/2021 2:45:00 PM	1/19/2022 12:48:00 AM	Hexachlorobutadiene	n/a	<	0.47	µg/L	EPA 625.1	0.47	1	WKL	
MO-FIL	2021/22-2	Wet	12/14/2021 2:45:00 PM	1/19/2022 12:48:00 AM	Hexachlorocyclopentadiene	n/a	<	0.31	µg/L	EPA 625.1	0.31	5	WKL	
MO-FIL	2021/22-2	Wet	12/14/2021 2:45:00 PM	12/23/2021 9:29:00 PM	Hexachlorocyclopentadiene	n/a	<	0.92	µg/L	EPA 525.2	0.92	10	WKL	
MO-FIL	2021/22-2	Wet	12/14/2021 2:45:00 PM	1/19/2022 12:48:00 AM	Hexachloroethane	n/a	<	0.5	µg/L	EPA 625.1	0.5	1	WKL	
MO-FIL	2021/22-2	Wet	12/14/2021 2:45:00 PM	1/19/2022 12:48:00 AM	Indeno(1,2,3-cd)pyrene	n/a	<	0.25	µg/L	EPA 625.1	0.25	2	WKL	
MO-FIL	2021/22-2	Wet	12/14/2021 2:45:00 PM	1/15/2022 12:43:00 PM	Indeno(1,2,3-cd)pyrene	n/a	<	0.065	µg/L	EPA 8270C	0.065	0.1	WKL	
MO-FIL	2021/22-2	Wet	12/14/2021 2:45:00 PM	1/19/2022 12:48:00 AM	Isophorone	n/a	<	0.21	µg/L	EPA 625.1	0.21	1	WKL	
MO-FIL	2021/22-2	Wet	12/14/2021 2:45:00 PM	1/19/2022 12:48:00 AM	Naphthalene	n/a	<	0.49	µg/L	EPA 625.1	0.49	1	WKL	
MO-FIL	2021/22-2	Wet	12/14/2021 2:45:00 PM	1/15/2022 12:43:00 PM	Naphthalene	n/a	<	0.026	µg/L	EPA 8270C	0.026	0.1	WKL	
MO-FIL	2021/22-2	Wet	12/14/2021 2:45:00 PM	1/19/2022 12:48:00 AM	Nitrobenzene	n/a	<	0.36	µg/L	EPA 625.1	0.36	1	WKL	
MO-FIL	2021/22-2	Wet	12/14/2021 2:45:00 PM	1/19/2022 12:48:00 AM	N-Nitrosodimethylamine	n/a	<	0.5	µg/L	EPA 625.1	0.5	1	WKL	
MO-FIL	2021/22-2	Wet	12/14/2021 2:45:00 PM	1/19/2022 12:48:00 AM	N-Nitrosodi-N-propylamine	n/a	<	0.26	µg/L	EPA 625.1	0.26	1	WKL	
MO-FIL	2021/22-2	Wet	12/14/2021 2:45:00 PM	1/19/2022 12:48:00 AM	N-Nitrosodiphenylamine	n/a	<	0.19	µg/L	EPA 625.1	0.19	1	WKL	
MO-FIL	2021/22-2	Wet	12/14/2021 2:45:00 PM	1/19/2022 12:48:00 AM	Phenanthrene	n/a	<	0.32	µg/L	EPA 625.1	0.32	1	WKL	
MO-FIL	2021/22-2	Wet	12/14/2021 2:45:00 PM	1/15/2022 12:43:00 PM	Phenanthrene	n/a	<	0.029	µg/L	EPA 8270C	0.029	0.1	WKL	
MO-FIL	2021/22-2	Wet	12/14/2021 2:45:00 PM	1/14/2022 6:36:00 AM	Phenol	n/a	<	0.35	µg/L	EPA 8270C	0.35	1	WKL	
MO-FIL	2021/22-2	Wet	12/14/2021 2:45:00 PM	1/19/2022 12:48:00 AM	Phenol	n/a	<	0.81	µg/L	EPA 625.1	0.81	1	WKL	
MO-FIL	2021/22-2	Wet	12/14/2021 2:45:00 PM	1/19/2022 12:48:00 AM	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
MO-FIL	2021/22-2	Wet	12/14/2021 2:45:00 PM	1/15/2022 12:43:00 PM	Pyrene	n/a	DNQ	0.048	µg/L	EPA 8270C	0.04	0.1	WKL	
MO-FIL	2021/22-2	Wet	12/14/2021 2:45:00 PM	1/13/2022 12:04:00 PM	PCB Aroclor 1016	n/a	<	1	µg/L	EPA 608.3	1	1	WKL	
MO-FIL	2021/22-2	Wet	12/14/2021 2:45:00 PM	1/13/2022 12:04:00 PM	PCB Aroclor 1221	n/a	<	1	µg/L	EPA 608.3	1	1	WKL	
MO-FIL	2021/22-2	Wet	12/14/2021 2:45:00 PM	1/13/2022 12:04:00 PM	PCB Aroclor 1232	n/a	<	1	µg/L	EPA 608.3	1	1	WKL	
MO-FIL	2021/22-2	Wet	12/14/2021 2:45:00 PM	1/13/2022 12:04:00 PM	PCB Aroclor 1242	n/a	<	1	µg/L	EPA 608.3	1	1	WKL	
MO-FIL	2021/22-2	Wet	12/14/2021 2:45:00 PM	1/13/2022 12:04:00 PM	PCB Aroclor 1248	n/a	<	1	µg/L	EPA 608.3	1	1	WKL	
MO-FIL	2021/22-2	Wet	12/14/2021 2:45:00 PM	1/13/2022 12:04:00 PM	PCB Aroclor 1254	n/a	<	1	µg/L	EPA 608.3	1	1	WKL	
MO-FIL	2021/22-2	Wet	12/14/2021 2:45:00 PM	1/13/2022 12:04:00 PM	PCB Aroclor 1260	n/a	<	1	µg/L	EPA 608.3	1	1	WKL	
MO-FIL	2021/22-2	Wet	12/14/2021 2:45:00 PM	1/6/2022 10:01:00 PM	2,4,5-T	n/a	<	0.03	µg/L	EPA 515.4	0.03	0.2	WKL	
MO-FIL	2021/22-2	Wet	12/14/2021 2:45:00 PM	1/6/2022 10:01:00 PM	2,4,5-TP	n/a	<	0.026	µg/L	EPA 515.4	0.026	0.2	WKL	
MO-FIL	2021/22-2	Wet	12/14/2021 2:45:00 PM	1/6/2022 10:01:00 PM	2,4-D	n/a	<	2	µg/L	EPA 515.4	2	2	WKL	
MO-FIL	2021/22-2	Wet	12/14/2021 2:45:00 PM	1/6/2022 10:01:00 PM	2,4-DB	n/a	<	0.19	µg/L	EPA 515.4	0.19	2	WKL	
MO-FIL	2021/22-2	Wet	12/14/2021 2:45:00 PM	1/6/2022 10:01:00 PM	3,5-Dichlorobenzoic acid	n/a	<	0.12	µg/L	EPA 515.4	0.12	1	WKL	
MO-FIL	2021/22-2	Wet	12/14/2021 2:45:00 PM	1/13/2022 12:04:00 PM	4,4'-DDD	n/a	<	0.0014	µg/L	EPA 608.3	0.0014	0.1	WKL	
MO-FIL	2021/22-2	Wet	12/14/2021 2:45:00 PM	1/13/2022 12:04:00 PM	4,4'-DDE	n/a	<	0.0014	µg/L	EPA 608.3	0.0014	0.1	WKL	
MO-FIL	2021/22-2	Wet	12/14/2021 2:45:00 PM	1/13/2022 12:04:00 PM	4,4'-DDT	n/a	<	0.0022	µg/L	EPA 608.3	0.0022	0.02	WKL	
MO-FIL	2021/22-2	Wet	12/14/2021 2:45:00 PM	1/6/2022 10:01:00 PM	Acifluorfen	n/a	<	0.03	µg/L	EPA 515.4	0.03	0.4	WKL	
MO-FIL	2021/22-2	Wet	12/14/2021 2:45:00 PM	12/23/2021 9:29:00 PM	Alachlor	n/a	<	0.3	µg/L	EPA 525.2	0.3	1	WKL	
MO-FIL	2021/22-2	Wet	12/14/2021 2:45:00 PM	1/13/2022 12:04:00 PM	Aldrin	n/a	<	0.002	µg/L	EPA 608.3	0.002	0.01	WKL	
MO-FIL	2021/22-2	Wet	12/14/2021 2:45:00 PM	1/13/2022 12:04:00 PM	alpha-BHC	n/a	<	0.0022	µg/L	EPA 608.3	0.0022	0.02	WKL	
MO-FIL	2021/22-2	Wet	12/14/2021 2:45:00 PM	1/13/2022 12:04:00 PM	alpha-Chlordane	n/a	<	0.0058	µg/L	EPA 608.3	0.0058	0.02	WKL	
MO-FIL	2021/22-2	Wet	12/14/2021 2:45:00 PM	12/23/2021 9:29:00 PM	Atrazine	n/a	<	0.11	µg/L	EPA 525.2	0.11	1	WKL	
MO-FIL	2021/22-2	Wet	12/14/2021 2:45:00 PM	12/28/2021 8:20:00 AM	Azinphos methyl	n/a	<	0.0055	µg/L	EPA 625.1m	0.0055	0.01	WKL	
MO-FIL	2021/22-2	Wet	12/14/2021 2:45:00 PM	1/6/2022 10:01:00 PM	Bentazon	n/a	<	0.23	µg/L	EPA 515.4	0.23	2	WKL	
MO-FIL	2021/22-2	Wet	12/14/2021 2:45:00 PM	1/13/2022 12:04:00 PM	beta-BHC	n/a	<	0.003	µg/L	EPA 608.3	0.003	0.01	WKL	
MO-FIL	2021/22-2	Wet	12/14/2021 2:45:00 PM	12/28/2021 8:20:00 AM	Bolstar	n/a	<	0.0046	µg/L	EPA 625.1m	0.0046	0.01	WKL	
MO-FIL	2021/22-2	Wet	12/14/2021 2:45:00 PM	12/23/2021 9:29:00 PM	Bromacil	n/a	<	0.7	µg/L	EPA 525.2	0.7	5	WKL	
MO-FIL	2021/22-2	Wet	12/14/2021 2:45:00 PM	12/23/2021 9:29:00 PM	Butachlor	n/a	<	0.12	µg/L	EPA 525.2	0.12	1	WKL	
MO-FIL	2021/22-2	Wet	12/14/2021 2:45:00 PM	12/23/2021 9:29:00 PM	Captan	n/a	<	3.2	µg/L	EPA 525.2	3.2	10	WKL	
MO-FIL	2021/22-2	Wet	12/14/2021 2:45:00 PM	1/13/2022 12:04:00 PM	Chlordane (technical)	n/a	<	1	µg/L	EPA 608.3	1	1	WKL	
MO-FIL	2021/22-2	Wet	12/14/2021 2:45:00 PM	12/23/2021 9:29:00 PM	Chlorpropham	n/a	<	0.4	µg/L	EPA 525.2	0.4	1	WKL	
MO-FIL	2021/22-2	Wet	12/14/2021 2:45:00 PM	12/28/2021 8:20:00 AM	Chlorpyrifos	n/a	<	0.0069	µg/L	EPA 625.1m	0.0069	0.01	WKL	
MO-FIL	2021/22-2	Wet	12/14/2021 2:45:00 PM	12/28/2021 8:20:00 AM	Coumaphos	n/a	<	0.0051	µg/L	EPA 625.1m	0.0051	0.01	WKL	
MO-FIL	2021/22-2	Wet	12/14/2021 2:45:00 PM	1/6/2022 10:01:00 PM	Dalapon	n/a	<	0.11	µg/L	EPA 515.4	0.11	0.4	WKL	
MO-FIL	2021/22-2	Wet	12/14/2021 2:45:00 PM	1/6/2022 10:01:00 PM	DCPA (Dacthal)	n/a	<	0.029	µg/L	EPA 515.4	0.029	0.1	WKL	
MO-FIL	2021/22-2	Wet	12/14/2021 2:45:00 PM	1/13/2022 12:04:00 PM	delta-BHC	n/a	<	0.0038	µg/L	EPA 608.3	0.0038	0.01	WKL	EST-LCSRDP
MO-FIL	2021/22-2	Wet	12/14/2021 2:45:00 PM	12/28/2021 8:20:00 AM	Demeton-O	n/a	<	0.01	µg/L	EPA 625.1m	0.01	0.01	WKL	
MO-FIL	2021/22-2	Wet	12/14/2021 2:45:00 PM	12/28/2021 8:20:00 AM	Demeton-S	n/a	<	0.01	µg/L	EPA 625.1m	0.01	0.01	WKL	LB-LCSR
MO-FIL	2021/22-2	Wet	12/14/2021 2:45:00 PM	12/23/2021 9:29:00 PM	Diazinon	n/a	<	0.22	µg/L	EPA 525.2	0.22	1	WKL	
MO-FIL	2021/22-2	Wet	12/14/2021 2:45:00 PM	12/28/2021 8:20:00 AM	Diazinon	n/a	<	0.0052	µg/L	EPA 625.1m	0.0052	0.01	WKL	
MO-FIL	2021/22-2	Wet	12/14/2021 2:45:00 PM	1/6/2022 10:01:00 PM	Dicamba	n/a	<	0.049	µg/L	EPA 515.4	0.049	0.6	WKL	
MO-FIL	2021/22-2	Wet	12/14/2021 2:45:00 PM	1/6/2022 10:01:00 PM	Dichlorprop	n/a	<	0.12	µg/L	EPA 515.4	0.12	0.3	WKL	
MO-FIL	2021/22-2	Wet	12/14/2021 2:45:00 PM	12/28/2021 8:20:00 AM	Dichlorvos	n/a	<	0.0029	µg/L	EPA 625.1m	0.0029	0.01	WKL	
MO-FIL	2021/22-2	Wet	12/14/2021 2:45:00 PM	1/13/2022 12:04:00 PM	Dieldrin	n/a	<	0.0016	µg/L	EPA 608.3	0.0016	0.02	WKL	
MO-FIL	2021/22-2	Wet	12/14/2021 2:45:00 PM	12/23/2021 9:29:00 PM	Dimethoate	n/a	<	0.2	µg/L	EPA 525.2	0.2	2	WKL	
MO-FIL	2021/22-2	Wet	12/14/2021 2:45:00 PM	12/28/2021 8:20:00 AM	Dimethoate	n/a	<	0.0062	µg/L	EPA 625.1m	0.0062	0.01	WKL	LB-LCSR
MO-FIL	2021/22-2	Wet	12/14/2021 2:45:00 PM	1/6/2022 10:01:00 PM	Dinoseb	n/a	<	0.033	µg/L	EPA 515.4	0.033	0.4	WKL	
MO-FIL	2021/22-2	Wet	12/14/2021 2:45:00 PM	12/23/2021 9:29:00 PM	Diphenamid	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-FIL	2021/22-2	Wet	12/14/2021 2:45:00 PM	12/23/2021 9:29:00 PM	Disulfoton	n/a	<	0.15	µg/L	EPA 525.2	0.15	1	WKL	
MO-FIL	2021/22-2	Wet	12/14/2021 2:45:00 PM	12/28/2021 8:20:00 AM	Disulfoton	n/a	<	0.01	µg/L	EPA 625.1m	0.01	0.01	WKL	
MO-FIL	2021/22-2	Wet	12/14/2021 2:45:00 PM	1/13/2022 12:04:00 PM	Endosulfan I	n/a	<	0.0018	µg/L	EPA 608.3	0.0018	0.04	WKL	
MO-FIL	2021/22-2	Wet	12/14/2021 2:45:00 PM	1/13/2022 12:04:00 PM	Endosulfan II	n/a	<	0.0014	µg/L	EPA 608.3	0.0014	0.02	WKL	
MO-FIL	2021/22-2	Wet	12/14/2021 2:45:00 PM	1/13/2022 12:04:00 PM	Endosulfan sulfate	n/a	<	0.0026	µg/L	EPA 608.3	0.0026	0.1	WKL	
MO-FIL	2021/22-2	Wet	12/14/2021 2:45:00 PM	1/13/2022 12:04:00 PM	Endrin	n/a	<	0.0034	µg/L	EPA 608.3	0.0034	0.02	WKL	
MO-FIL	2021/22-2	Wet	12/14/2021 2:45:00 PM	1/13/2022 12:04:00 PM	Endrin aldehyde	n/a	<	0.0038	µg/L	EPA 608.3	0.0038	0.02	WKL	
MO-FIL	2021/22-2	Wet	12/14/2021 2:45:00 PM	12/23/2021 9:29:00 PM	EPTC	n/a	<	0.2	µg/L	EPA 525.2	0.2	1	WKL	
MO-FIL	2021/22-2	Wet	12/14/2021 2:45:00 PM	12/28/2021 8:20:00 AM	Ethoprop	n/a	<	0.0067	µg/L	EPA 625.1m	0.0067	0.01	WKL	LB-LCSR
MO-FIL	2021/22-2	Wet	12/14/2021 2:45:00 PM	12/28/2021 8:20:00 AM	Ethyl parathion	n/a	<	0.0054	µg/L	EPA 625.1m	0.0054	0.01	WKL	
MO-FIL	2021/22-2	Wet	12/14/2021 2:45:00 PM	12/28/2021 8:20:00 AM	Fensulfothion	n/a	<	0.0029	µg/L	EPA 625.1m	0.0029	0.01	WKL	
MO-FIL	2021/22-2	Wet	12/14/2021 2:45:00 PM	12/28/2021 8:20:00 AM	Fenthion	n/a	<	0.0038	µg/L	EPA 625.1m	0.0038	0.01	WKL	
MO-FIL	2021/22-2	Wet	12/14/2021 2:45:00 PM	1/13/2022 12:04:00 PM	gamma-BHC (Lindane)	n/a	<	0.0008	µg/L	EPA 608.3	0.0008	0.04	WKL	
MO-FIL	2021/22-2	Wet	12/14/2021 2:45:00 PM	1/13/2022 12:04:00 PM	gamma-Chlordane	n/a	<	0.0046	µg/L	EPA 608.3	0.0046	0.02	WKL	
MO-FIL	2021/22-2	Wet	12/14/2021 2:45:00 PM	12/17/2021 4:49:00 AM	Glyphosate	n/a	=	11	µg/L	EPA 547	1.8	5	WKL	
MO-FIL	2021/22-2	Wet	12/14/2021 2:45:00 PM	1/13/2022 12:04:00 PM	Heptachlor	n/a	<	0.0012	µg/L	EPA 608.3	0.0012	0.02	WKL	
MO-FIL	2021/22-2	Wet	12/14/2021 2:45:00 PM	1/13/2022 12:04:00 PM	Heptachlor epoxide	n/a	<	0.0008	µg/L	EPA 608.3	0.0008	0.02	WKL	
MO-FIL	2021/22-2	Wet	12/14/2021 2:45:00 PM	12/28/2021 8:20:00 AM	Malathion	n/a	<	0.0076	µg/L	EPA 625.1m	0.0076	0.01	WKL	
MO-FIL	2021/22-2	Wet	12/14/2021 2:45:00 PM	12/28/2021 8:20:00 AM	Merphos	n/a	<	0.0058	µg/L	EPA 625.1m	0.0058	0.01	WKL	
MO-FIL	2021/22-2	Wet	12/14/2021 2:45:00 PM	12/28/2021 8:20:00 AM	Methyl parathion	n/a	<	0.0063	µg/L	EPA 625.1m	0.0063	0.01	WKL	
MO-FIL	2021/22-2	Wet	12/14/2021 2:45:00 PM	12/23/2021 9:29:00 PM	Metolachlor	n/a	<	0.3	µg/L	EPA 525.2	0.3	1	WKL	
MO-FIL	2021/22-2	Wet	12/14/2021 2:45:00 PM	12/23/2021 9:29:00 PM	Metribuzin	n/a	<	0.3	µg/L	EPA 525.2	0.3	1	WKL	
MO-FIL	2021/22-2	Wet	12/14/2021 2:45:00 PM	12/28/2021 8:20:00 AM	Mevinphos	n/a	<	0.0042	µg/L	EPA 625.1m	0.0042	0.01	WKL	LB-LCSR
MO-FIL	2021/22-2	Wet	12/14/2021 2:45:00 PM	12/23/2021 9:29:00 PM	Molinate	n/a	<	0.3	µg/L	EPA 525.2	0.3	1	WKL	
MO-FIL	2021/22-2	Wet	12/14/2021 2:45:00 PM	12/28/2021 8:20:00 AM	Naled	n/a	<	0.0076	µg/L	EPA 625.1m	0.0076	0.01	WKL	
MO-FIL	2021/22-2	Wet	12/14/2021 2:45:00 PM	1/6/2022 10:01:00 PM	Pentachlorophenol	n/a	DNQ	0.15	µg/L	EPA 515.4	0.046	0.2	WKL	
MO-FIL	2021/22-2	Wet	12/14/2021 2:45:00 PM	1/19/2022 12:48:00 AM	Pentachlorophenol	n/a	<	3	µg/L	EPA 625.1	3	3	WKL	
MO-FIL	2021/22-2	Wet	12/14/2021 2:45:00 PM	1/14/2022 6:36:00 AM	Pentachlorophenol	n/a	<	0.15	µg/L	EPA 8270C	0.15	1	WKL	
MO-FIL	2021/22-2	Wet	12/14/2021 2:45:00 PM	12/28/2021 8:20:00 AM	Phorate	n/a	<	0.003	µg/L	EPA 625.1m	0.003	0.01	WKL	
MO-FIL	2021/22-2	Wet	12/14/2021 2:45:00 PM	1/6/2022 10:01:00 PM	Picloram	n/a	<	0.05	µg/L	EPA 515.4	0.05	0.6	WKL	
MO-FIL	2021/22-2	Wet	12/14/2021 2:45:00 PM	12/23/2021 9:29:00 PM	Prometryn	n/a	<	0.3	µg/L	EPA 525.2	0.3	1	WKL	
MO-FIL	2021/22-2	Wet	12/14/2021 2:45:00 PM	12/28/2021 8:20:00 AM	Ronnel (Fenchlorphos)	n/a	<	0.0041	µg/L	EPA 625.1m	0.0041	0.01	WKL	
MO-FIL	2021/22-2	Wet	12/14/2021 2:45:00 PM	12/23/2021 9:29:00 PM	Simazine	n/a	<	0.2	µg/L	EPA 525.2	0.2	1	WKL	
MO-FIL	2021/22-2	Wet	12/14/2021 2:45:00 PM	12/28/2021 8:20:00 AM	Stirophos (Tetrachlorvinphos)	n/a	<	0.0031	µg/L	EPA 625.1m	0.0031	0.01	WKL	
MO-FIL	2021/22-2	Wet	12/14/2021 2:45:00 PM	12/23/2021 9:29:00 PM	Terbacil	n/a	<	0.9	µg/L	EPA 525.2	0.9	20	WKL	
MO-FIL	2021/22-2	Wet	12/14/2021 2:45:00 PM	12/23/2021 9:29:00 PM	Thiobencarb	n/a	<	0.3	µg/L	EPA 525.2	0.3	1	WKL	
MO-FIL	2021/22-2	Wet	12/14/2021 2:45:00 PM	12/28/2021 8:20:00 AM	Tokuthion	n/a	<	0.0078	µg/L	EPA 625.1m	0.0078	0.01	WKL	
MO-FIL	2021/22-2	Wet	12/14/2021 2:45:00 PM	1/13/2022 12:04:00 PM	Toxaphene	n/a	<	2	µg/L	EPA 608.3	2	2	WKL	
MO-FIL	2021/22-2	Wet	12/14/2021 2:45:00 PM	12/28/2021 8:20:00 AM	Trichloronate	n/a	<	0.0067	µg/L	EPA 625.1m	0.0067	0.01	WKL	
MO-FIL	2021/22-2	Wet	12/14/2021 2:45:00 PM	12/23/2021 9:29:00 PM	Trithion	n/a	<	0.2	µg/L	EPA 525.2	0.2	1	WKL	
MO-FIL	2021/22-3	Wet	3/28/2022 10:45:00 AM	3/29/2022 11:20:00 AM	E. Coli	n/a	=	6131	MPN/100 mL	MMO-MUG	10	10	VCHCA	
MO-FIL	2021/22-3	Wet	3/28/2022 10:45:00 AM	3/29/2022 11:20:00 AM	Total Coliform	n/a	=	241960	MPN/100 mL	MMO-MUG	100	100	VCHCA	
MO-FIL	2021/22-3	Wet	3/28/2022 10:45:00 AM	3/28/2022 10:45:00 AM	Conductivity	n/a	=	92.8	µmhos/cm	Field Meter	-88	1	Field Crew	
MO-FIL	2021/22-3	Wet	3/28/2022 10:45:00 AM	4/6/2022 3:02:00 PM	Cyanide	Total	<	0.0012	mg/L	ASTM D7511	0.0012	0.002	WKL	
MO-FIL	2021/22-3	Wet	3/28/2022 10:45:00 AM	3/28/2022 10:45:00 AM	DO	n/a	=	9.87	mg/L	Field Meter	-88	0.3	Field Crew	
MO-FIL	2021/22-3	Wet	3/28/2022 10:45:00 AM	3/28/2022 10:45:00 AM	DO	n/a	=	97.5	%	Field Meter	-88	0.1	Field Crew	
MO-FIL	2021/22-3	Wet	3/28/2022 10:45:00 AM	3/28/2022 10:45:00 AM	pH	n/a	=	7.89	pH Units	Field Meter	-88	0.01	Field Crew	
MO-FIL	2021/22-3	Wet	3/28/2022 10:45:00 AM	3/28/2022 10:45:00 AM	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-FIL	2021/22-3	Wet	3/28/2022 10:45:00 AM	3/28/2022 10:45:00 AM	Specific Conductance	n/a	=	115.1	µmhos/cm	Field Meter	-88	1	Field Crew	
MO-FIL	2021/22-3	Wet	3/28/2022 10:45:00 AM	3/28/2022 10:45:00 AM	Temperature	n/a	=	14.8	°C	Field Meter	-88	0.1	Field Crew	
MO-FIL	2021/22-3	Wet	3/28/2022 10:45:00 AM	3/30/2022 2:45:00 PM	Gasoline Range Organics	n/a	<	0.065	mg/L	EPA 8260B	0.065	0.1	WKL	
MO-FIL	2021/22-3	Wet	3/28/2022 10:45:00 AM	4/4/2022 1:14:00 PM	Oil and Grease	n/a	DNQ	1.1	mg/L	EPA 1664B	0.6	4	WKL	
MO-FIL	2021/22-3	Wet	3/29/2022 7:40:00 AM	4/1/2022 4:14:00 PM	Chloride	n/a	=	20	mg/L	EPA 300.0	0.38	1	WKL	
MO-FIL	2021/22-3	Wet	3/29/2022 7:40:00 AM	4/1/2022 4:14:00 PM	Fluoride	n/a	DNQ	0.17	mg/L	EPA 300.0	0.018	0.2	WKL	
MO-FIL	2021/22-3	Wet	3/29/2022 7:40:00 AM	4/1/2022 8:52:00 PM	Perchlorate	n/a	<	0.78	µg/L	EPA 314.0	0.78	4	WKL	
MO-FIL	2021/22-3	Wet	3/29/2022 7:40:00 AM	4/7/2022 6:31:00 PM	Calcium	Total	=	37.9	mg/L	EPA 200.7	0.0234	0.5	WKL	
MO-FIL	2021/22-3	Wet	3/29/2022 7:40:00 AM	4/7/2022 6:31:00 PM	Magnesium	Total	=	8.87	mg/L	EPA 200.7	0.039	0.5	WKL	
MO-FIL	2021/22-3	Wet	3/29/2022 7:40:00 AM	3/31/2022 1:17:00 PM	Alkalinity as CaCO3	n/a	=	50	mg/L	SM 2320 B	1.9	5	WKL	
MO-FIL	2021/22-3	Wet	3/29/2022 7:40:00 AM	4/4/2022 4:01:00 PM	BOD	n/a	=	7.6	mg/L	SM 5210 B	2	2	WKL	
MO-FIL	2021/22-3	Wet	3/29/2022 7:40:00 AM	4/7/2022 1:13:00 PM	COD	n/a	=	41	mg/L	EPA 410.4	2.9	5	WKL	
MO-FIL	2021/22-3	Wet	3/29/2022 7:40:00 AM	4/7/2022 6:31:00 PM	Hardness as CaCO3	Total	=	131	mg/L	EPA 200.7	0.219	3.31	WKL	
MO-FIL	2021/22-3	Wet	3/29/2022 7:40:00 AM	3/29/2022 6:04:00 PM	MBAS	n/a	=	0.14	mg/L	SM 5540 C	0.013	0.05	WKL	
MO-FIL	2021/22-3	Wet	3/29/2022 7:40:00 AM	4/1/2022 12:27:00 PM	Phenolics	n/a	=	0.016	mg/L	EPA 420.4	0.0068	0.01	WKL	
MO-FIL	2021/22-3	Wet	3/29/2022 7:40:00 AM	4/8/2022 1:02:00 PM	Specific Conductance	n/a	=	400	µmhos/cm	SM 2510 B	1.1	2	WKL	
MO-FIL	2021/22-3	Wet	3/29/2022 7:40:00 AM	4/4/2022 11:43:00 AM	Total Dissolved Solids	n/a	=	240	mg/L	SM 2540 C	4	10	WKL	
MO-FIL	2021/22-3	Wet	3/29/2022 7:40:00 AM	4/14/2022 7:13:00 AM	Total Organic Carbon	n/a	=	14	mg/L	SM 5310 B	0.19	0.3	WKL	
MO-FIL	2021/22-3	Wet	3/29/2022 7:40:00 AM	4/4/2022 10:00:00 AM	Total Suspended Solids	n/a	=	95	mg/L	SM 2540 D	-88	5	WKL	
MO-FIL	2021/22-3	Wet	3/29/2022 7:40:00 AM	3/30/2022 1:18:00 PM	Turbidity	n/a	=	14	NTU	EPA 180.1	0.017	0.1	WKL	
MO-FIL	2021/22-3	Wet	3/29/2022 7:40:00 AM	4/4/2022 3:00:00 PM	Volatile Suspended Solids	n/a	=	35	mg/L	EPA 160.4	3.1	5	WKL	
MO-FIL	2021/22-3	Wet	3/29/2022 7:40:00 AM	4/1/2022 9:51:00 AM	Diesel Range Organics	n/a	=	0.44	mg/L	EPA 8015B	0.14	0.2	WKL	
MO-FIL	2021/22-3	Wet	3/29/2022 7:40:00 AM	4/1/2022 9:51:00 AM	Oil Range Organics	n/a	<	0.66	mg/L	EPA 8015B	0.66	1	WKL	
MO-FIL	2021/22-3	Wet	3/29/2022 7:40:00 AM	4/7/2022 12:59:00 PM	Aluminum	Dissolved	=	22	µg/L	EPA 200.8	4.4	20	WKL	
MO-FIL	2021/22-3	Wet	3/29/2022 7:40:00 AM	4/7/2022 1:02:00 PM	Aluminum	Total	=	1400	µg/L	EPA 200.8	4.4	20	WKL	
MO-FIL	2021/22-3	Wet	3/29/2022 7:40:00 AM	4/7/2022 12:59:00 PM	Antimony	Dissolved	=	0.52	µg/L	EPA 200.8	0.089	0.5	WKL	
MO-FIL	2021/22-3	Wet	3/29/2022 7:40:00 AM	4/7/2022 1:02:00 PM	Antimony	Total	=	0.9	µg/L	EPA 200.8	0.089	0.5	WKL	
MO-FIL	2021/22-3	Wet	3/29/2022 7:40:00 AM	4/7/2022 12:59:00 PM	Arsenic	Dissolved	=	1.1	µg/L	EPA 200.8	0.074	0.4	WKL	
MO-FIL	2021/22-3	Wet	3/29/2022 7:40:00 AM	4/7/2022 1:02:00 PM	Arsenic	Total	=	1.6	µg/L	EPA 200.8	0.074	0.4	WKL	
MO-FIL	2021/22-3	Wet	3/29/2022 7:40:00 AM	4/7/2022 12:59:00 PM	Barium	Total	=	44	µg/L	EPA 200.8	0.14	1	WKL	
MO-FIL	2021/22-3	Wet	3/29/2022 7:40:00 AM	4/7/2022 12:59:00 PM	Beryllium	Dissolved	<	0.062	µg/L	EPA 200.8	0.062	0.1	WKL	
MO-FIL	2021/22-3	Wet	3/29/2022 7:40:00 AM	4/7/2022 1:02:00 PM	Beryllium	Total	DNQ	0.065	µg/L	EPA 200.8	0.029	0.1	WKL	
MO-FIL	2021/22-3	Wet	3/29/2022 7:40:00 AM	4/7/2022 12:59:00 PM	Cadmium	Dissolved	DNQ	0.13	µg/L	EPA 200.8	0.042	0.2	WKL	
MO-FIL	2021/22-3	Wet	3/29/2022 7:40:00 AM	4/7/2022 1:02:00 PM	Cadmium	Total	=	0.45	µg/L	EPA 200.8	0.042	0.2	WKL	
MO-FIL	2021/22-3	Wet	3/29/2022 7:40:00 AM	4/7/2022 12:59:00 PM	Chromium	Dissolved	=	1.1	µg/L	EPA 200.8	0.089	0.2	WKL	
MO-FIL	2021/22-3	Wet	3/29/2022 7:40:00 AM	4/7/2022 1:02:00 PM	Chromium	Total	=	4.4	µg/L	EPA 200.8	0.089	0.2	WKL	
MO-FIL	2021/22-3	Wet	3/29/2022 7:40:00 AM	4/6/2022 4:03:00 PM	Chromium VI	n/a	=	0.71	µg/L	EPA 218.6	0.0079	0.2	WKL	
MO-FIL	2021/22-3	Wet	3/29/2022 7:40:00 AM	4/7/2022 12:59:00 PM	Copper	Dissolved	=	7.5	µg/L	EPA 200.8	0.23	0.5	WKL	
MO-FIL	2021/22-3	Wet	3/29/2022 7:40:00 AM	4/7/2022 1:02:00 PM	Copper	Total	=	17	µg/L	EPA 200.8	0.23	0.5	WKL	
MO-FIL	2021/22-3	Wet	3/29/2022 7:40:00 AM	4/7/2022 12:59:00 PM	Iron	Dissolved	=	39	µg/L	EPA 200.8	3.9	20	WKL	
MO-FIL	2021/22-3	Wet	3/29/2022 7:40:00 AM	4/7/2022 1:02:00 PM	Iron	Total	=	1900	µg/L	EPA 200.8	3.9	20	WKL	
MO-FIL	2021/22-3	Wet	3/29/2022 7:40:00 AM	4/7/2022 12:59:00 PM	Lead	Dissolved	DNQ	0.16	µg/L	EPA 200.8	0.083	0.2	WKL	UL-MB
MO-FIL	2021/22-3	Wet	3/29/2022 7:40:00 AM	4/7/2022 1:02:00 PM	Lead	Total	=	3.3	µg/L	EPA 200.8	0.083	0.2	WKL	
MO-FIL	2021/22-3	Wet	3/29/2022 7:40:00 AM	3/31/2022 11:35:00 AM	Mercury	Dissolved	<	17	ng/L	EPA 245.1	17	50	WKL	
MO-FIL	2021/22-3	Wet	3/29/2022 7:40:00 AM	3/31/2022 11:37:00 AM	Mercury	Total	DNQ	25	ng/L	EPA 245.1	17	50	WKL	
MO-FIL	2021/22-3	Wet	3/29/2022 7:40:00 AM	4/7/2022 12:59:00 PM	Nickel	Dissolved	=	2.1	µg/L	EPA 200.8	0.16	2	WKL	
MO-FIL	2021/22-3	Wet	3/29/2022 7:40:00 AM	4/7/2022 1:02:00 PM	Nickel	Total	=	5.1	µg/L	EPA 200.8	0.16	2	WKL	
MO-FIL	2021/22-3	Wet	3/29/2022 7:40:00 AM	4/7/2022 12:59:00 PM	Selenium	Dissolved	=	1.2	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
MO-FIL	2021/22-3	Wet	3/29/2022 7:40:00 AM	4/7/2022 1:02:00 PM	Selenium	Total	=	1.4	µg/L	EPA 200.8	0.067	0.4	WKL	
MO-FIL	2021/22-3	Wet	3/29/2022 7:40:00 AM	4/7/2022 12:59:00 PM	Silver	Dissolved	<	0.03	µg/L	EPA 200.8	0.03	0.2	WKL	
MO-FIL	2021/22-3	Wet	3/29/2022 7:40:00 AM	4/7/2022 1:02:00 PM	Silver	Total	<	0.13	µg/L	EPA 200.8	0.13	0.2	WKL	
MO-FIL	2021/22-3	Wet	3/29/2022 7:40:00 AM	4/7/2022 12:59:00 PM	Thallium	Dissolved	<	0.021	µg/L	EPA 200.8	0.021	0.2	WKL	
MO-FIL	2021/22-3	Wet	3/29/2022 7:40:00 AM	4/7/2022 1:02:00 PM	Thallium	Total	DNQ	0.031	µg/L	EPA 200.8	0.021	0.2	WKL	
MO-FIL	2021/22-3	Wet	3/29/2022 7:40:00 AM	4/7/2022 12:59:00 PM	Zinc	Dissolved	=	33	µg/L	EPA 200.8	0.8	10	WKL	
MO-FIL	2021/22-3	Wet	3/29/2022 7:40:00 AM	4/7/2022 1:02:00 PM	Zinc	Total	=	91	µg/L	EPA 200.8	1.7	10	WKL	
MO-FIL	2021/22-3	Wet	3/29/2022 7:40:00 AM	4/4/2022 4:14:00 PM	Ammonia as N	n/a	=	0.4	mg/L	EPA 350.1	0.017	0.1	WKL	
MO-FIL	2021/22-3	Wet	3/29/2022 7:40:00 AM	4/9/2022 3:03:00 PM	Nitrate + Nitrite as N	n/a	=	1.8	mg/L	EPA 353.2	0.036	0.2	WKL	
MO-FIL	2021/22-3	Wet	3/29/2022 7:40:00 AM	4/7/2022 6:28:00 PM	Phosphorus as P	Dissolved	=	0.3	mg/L	EPA 200.7	0.018	0.05	WKL	
MO-FIL	2021/22-3	Wet	3/29/2022 7:40:00 AM	4/7/2022 6:31:00 PM	Phosphorus as P	Total	=	0.44	mg/L	EPA 200.7	0.018	0.05	WKL	
MO-FIL	2021/22-3	Wet	3/29/2022 7:40:00 AM	4/6/2022 4:26:00 PM	TKN	n/a	=	2.3	mg/L	EPA 351.2	0.13	0.2	WKL	
MO-FIL	2021/22-3	Wet	3/29/2022 7:40:00 AM	4/28/2022 4:31:00 AM	1,2,4-Trichlorobenzene	n/a	<	0.98	µg/L	EPA 625.1	0.98	2	WKL	
MO-FIL	2021/22-3	Wet	3/29/2022 7:40:00 AM	4/28/2022 4:31:00 AM	1,2-Dichlorobenzene	n/a	<	0.92	µg/L	EPA 625.1	0.92	2	WKL	
MO-FIL	2021/22-3	Wet	3/29/2022 7:40:00 AM	4/28/2022 4:31:00 AM	1,2-Diphenylhydrazine	n/a	<	0.6	µg/L	EPA 625.1	0.6	2	WKL	
MO-FIL	2021/22-3	Wet	3/29/2022 7:40:00 AM	4/28/2022 4:31:00 AM	1,3-Dichlorobenzene	n/a	<	0.84	µg/L	EPA 625.1	0.84	2	WKL	
MO-FIL	2021/22-3	Wet	3/29/2022 7:40:00 AM	4/28/2022 4:31:00 AM	1,4-Dichlorobenzene	n/a	<	0.96	µg/L	EPA 625.1	0.96	2	WKL	
MO-FIL	2021/22-3	Wet	3/29/2022 7:40:00 AM	4/20/2022 11:03:00 AM	1-Methylnaphthalene	n/a	<	0.048	µg/L	EPA 8270C	0.048	0.2	WKL	
MO-FIL	2021/22-3	Wet	3/29/2022 7:40:00 AM	4/29/2022 9:08:00 AM	2,4,5-Trichlorophenol	n/a	<	0.58	µg/L	EPA 8270C	0.58	2	WKL	
MO-FIL	2021/22-3	Wet	3/29/2022 7:40:00 AM	4/28/2022 4:31:00 AM	2,4,6-Trichlorophenol	n/a	<	0.44	µg/L	EPA 625.1	0.44	2	WKL	
MO-FIL	2021/22-3	Wet	3/29/2022 7:40:00 AM	4/29/2022 9:08:00 AM	2,4,6-Trichlorophenol	n/a	<	0.6	µg/L	EPA 8270C	0.6	2	WKL	
MO-FIL	2021/22-3	Wet	3/29/2022 7:40:00 AM	4/28/2022 4:31:00 AM	2,4-Dichlorophenol	n/a	<	0.52	µg/L	EPA 625.1	0.52	2	WKL	
MO-FIL	2021/22-3	Wet	3/29/2022 7:40:00 AM	4/29/2022 9:08:00 AM	2,4-Dichlorophenol	n/a	<	1	µg/L	EPA 8270C	1	2	WKL	
MO-FIL	2021/22-3	Wet	3/29/2022 7:40:00 AM	4/28/2022 4:31:00 AM	2,4-Dimethylphenol	n/a	<	1.5	µg/L	EPA 625.1	1.5	2	WKL	
MO-FIL	2021/22-3	Wet	3/29/2022 7:40:00 AM	4/29/2022 9:08:00 AM	2,4-Dimethylphenol	n/a	<	2	µg/L	EPA 8270C	2	4	WKL	
MO-FIL	2021/22-3	Wet	3/29/2022 7:40:00 AM	4/29/2022 9:08:00 AM	2,4-Dinitrophenol	n/a	<	2	µg/L	EPA 8270C	2	4	WKL	
MO-FIL	2021/22-3	Wet	3/29/2022 7:40:00 AM	4/28/2022 4:31:00 AM	2,4-Dinitrophenol	n/a	<	3.7	µg/L	EPA 625.1	3.7	20	WKL	
MO-FIL	2021/22-3	Wet	3/29/2022 7:40:00 AM	4/28/2022 4:31:00 AM	2,4-Dinitrotoluene	n/a	<	0.92	µg/L	EPA 625.1	0.92	2	WKL	
MO-FIL	2021/22-3	Wet	3/29/2022 7:40:00 AM	4/28/2022 4:31:00 AM	2,6-Dinitrotoluene	n/a	<	0.54	µg/L	EPA 625.1	0.54	2	WKL	
MO-FIL	2021/22-3	Wet	3/29/2022 7:40:00 AM	4/28/2022 4:31:00 AM	2-Chloronaphthalene	n/a	<	0.9	µg/L	EPA 625.1	0.9	2	WKL	
MO-FIL	2021/22-3	Wet	3/29/2022 7:40:00 AM	4/28/2022 4:31:00 AM	2-Chlorophenol	n/a	<	0.56	µg/L	EPA 625.1	0.56	2	WKL	
MO-FIL	2021/22-3	Wet	3/29/2022 7:40:00 AM	4/29/2022 9:08:00 AM	2-Chlorophenol	n/a	<	1.3	µg/L	EPA 8270C	1.3	2	WKL	
MO-FIL	2021/22-3	Wet	3/29/2022 7:40:00 AM	4/20/2022 11:03:00 AM	2-Methylnaphthalene	n/a	DNQ	0.064	µg/L	EPA 8270C	0.052	0.2	WKL	
MO-FIL	2021/22-3	Wet	3/29/2022 7:40:00 AM	4/29/2022 9:08:00 AM	2-Methylphenol	n/a	<	0.68	µg/L	EPA 8270C	0.68	2	WKL	
MO-FIL	2021/22-3	Wet	3/29/2022 7:40:00 AM	4/29/2022 9:08:00 AM	2-Nitrophenol	n/a	<	1.4	µg/L	EPA 8270C	1.4	2	WKL	
MO-FIL	2021/22-3	Wet	3/29/2022 7:40:00 AM	4/28/2022 4:31:00 AM	2-Nitrophenol	n/a	<	0.52	µg/L	EPA 625.1	0.52	2	WKL	
MO-FIL	2021/22-3	Wet	3/29/2022 7:40:00 AM	4/28/2022 4:31:00 AM	3,3'-Dichlorobenzidine	n/a	<	5	µg/L	EPA 625.1	5	10	WKL	
MO-FIL	2021/22-3	Wet	3/29/2022 7:40:00 AM	4/29/2022 9:08:00 AM	3-/4-Methylphenol	n/a	<	0.6	µg/L	EPA 8270C	0.6	2	WKL	
MO-FIL	2021/22-3	Wet	3/29/2022 7:40:00 AM	4/28/2022 4:31:00 AM	4,6-Dinitro-2-methylphenol	n/a	<	1	µg/L	EPA 625.1	1	10	WKL	
MO-FIL	2021/22-3	Wet	3/29/2022 7:40:00 AM	4/29/2022 9:08:00 AM	4,6-Dinitro-2-methylphenol	n/a	<	0.28	µg/L	EPA 8270C	0.28	2	WKL	
MO-FIL	2021/22-3	Wet	3/29/2022 7:40:00 AM	4/28/2022 4:31:00 AM	4-Bromophenyl phenyl ether	n/a	<	0.72	µg/L	EPA 625.1	0.72	2	WKL	
MO-FIL	2021/22-3	Wet	3/29/2022 7:40:00 AM	4/29/2022 9:08:00 AM	4-Chloro-3-methylphenol	n/a	<	0.74	µg/L	EPA 8270C	0.74	2	WKL	
MO-FIL	2021/22-3	Wet	3/29/2022 7:40:00 AM	4/28/2022 4:31:00 AM	4-Chloro-3-methylphenol	n/a	<	0.46	µg/L	EPA 625.1	0.46	2	WKL	
MO-FIL	2021/22-3	Wet	3/29/2022 7:40:00 AM	4/28/2022 4:31:00 AM	4-Chlorophenyl phenyl ether	n/a	<	0.82	µg/L	EPA 625.1	0.82	2	WKL	
MO-FIL	2021/22-3	Wet	3/29/2022 7:40:00 AM	4/29/2022 9:08:00 AM	4-Nitrophenol	n/a	<	2	µg/L	EPA 8270C	2	4	WKL	
MO-FIL	2021/22-3	Wet	3/29/2022 7:40:00 AM	4/28/2022 4:31:00 AM	4-Nitrophenol	n/a	<	2.5	µg/L	EPA 625.1	2.5	10	WKL	
MO-FIL	2021/22-3	Wet	3/29/2022 7:40:00 AM	4/20/2022 11:03:00 AM	Acenaphthene	n/a	<	0.056	µg/L	EPA 8270C	0.056	0.2	WKL	
MO-FIL	2021/22-3	Wet	3/29/2022 7:40:00 AM	4/28/2022 4:31:00 AM	Acenaphthene	n/a	<	0.76	µg/L	EPA 625.1	0.76	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	2021/22-3	Wet	3/29/2022 7:40:00 AM	4/20/2022 11:03:00 AM	Acenaphthylene	n/a	<	0.066	µg/L	EPA 8270C	0.066	0.2	WKL	
MO-FIL	2021/22-3	Wet	3/29/2022 7:40:00 AM	4/28/2022 4:31:00 AM	Acenaphthylene	n/a	<	0.7	µg/L	EPA 625.1	0.7	2	WKL	
MO-FIL	2021/22-3	Wet	3/29/2022 7:40:00 AM	4/20/2022 11:03:00 AM	Anthracene	n/a	DNQ	0.057	µg/L	EPA 8270C	0.05	0.2	WKL	
MO-FIL	2021/22-3	Wet	3/29/2022 7:40:00 AM	4/28/2022 4:31:00 AM	Anthracene	n/a	<	0.82	µg/L	EPA 625.1	0.82	2	WKL	
MO-FIL	2021/22-3	Wet	3/29/2022 7:40:00 AM	4/20/2022 11:03:00 AM	Benz(a)anthracene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.2	WKL	
MO-FIL	2021/22-3	Wet	3/29/2022 7:40:00 AM	4/28/2022 4:31:00 AM	Benz(a)anthracene	n/a	<	0.38	µg/L	EPA 625.1	0.38	2	WKL	
MO-FIL	2021/22-3	Wet	3/29/2022 7:40:00 AM	4/28/2022 4:31:00 AM	Benzidine	n/a	<	6.4	µg/L	EPA 625.1	6.4	20	WKL	
MO-FIL	2021/22-3	Wet	3/29/2022 7:40:00 AM	4/20/2022 11:03:00 AM	Benzo(a)pyrene	n/a	DNQ	0.11	µg/L	EPA 8270C	0.1	0.2	WKL	
MO-FIL	2021/22-3	Wet	3/29/2022 7:40:00 AM	4/28/2022 4:31:00 AM	Benzo(a)pyrene	n/a	<	0.78	µg/L	EPA 625.1	0.78	2	WKL	
MO-FIL	2021/22-3	Wet	3/29/2022 7:40:00 AM	4/15/2022 4:37:00 AM	Benzo(a)pyrene	n/a	<	0.04	µg/L	EPA 525.2	0.04	0.2	WKL	
MO-FIL	2021/22-3	Wet	3/29/2022 7:40:00 AM	4/28/2022 4:31:00 AM	Benzo(b)fluoranthene	n/a	<	0.92	µg/L	EPA 625.1	0.92	2	WKL	
MO-FIL	2021/22-3	Wet	3/29/2022 7:40:00 AM	4/20/2022 11:03:00 AM	Benzo(b)fluoranthene	n/a	<	0.15	µg/L	EPA 8270C	0.15	0.2	WKL	
MO-FIL	2021/22-3	Wet	3/29/2022 7:40:00 AM	4/28/2022 4:31:00 AM	Benzo(g,h,i)perylene	n/a	<	0.84	µg/L	EPA 625.1	0.84	4	WKL	
MO-FIL	2021/22-3	Wet	3/29/2022 7:40:00 AM	4/20/2022 11:03:00 AM	Benzo(g,h,i)perylene	n/a	DNQ	0.1	µg/L	EPA 8270C	0.1	0.2	WKL	
MO-FIL	2021/22-3	Wet	3/29/2022 7:40:00 AM	4/28/2022 4:31:00 AM	Benzo(k)fluoranthene	n/a	<	0.44	µg/L	EPA 625.1	0.44	2	WKL	
MO-FIL	2021/22-3	Wet	3/29/2022 7:40:00 AM	4/20/2022 11:03:00 AM	Benzo(k)fluoranthene	n/a	DNQ	0.081	µg/L	EPA 8270C	0.052	0.2	WKL	UL-MB
MO-FIL	2021/22-3	Wet	3/29/2022 7:40:00 AM	4/28/2022 4:31:00 AM	Bis(2-chloroethoxy)methane	n/a	<	0.5	µg/L	EPA 625.1	0.5	2	WKL	
MO-FIL	2021/22-3	Wet	3/29/2022 7:40:00 AM	4/28/2022 4:31:00 AM	Bis(2-chloroethyl)ether	n/a	<	0.54	µg/L	EPA 625.1	0.54	2	WKL	
MO-FIL	2021/22-3	Wet	3/29/2022 7:40:00 AM	4/28/2022 4:31:00 AM	Bis(2-chloroisopropyl)ether	n/a	<	0.76	µg/L	EPA 625.1	0.76	2	WKL	
MO-FIL	2021/22-3	Wet	3/29/2022 7:40:00 AM	4/15/2022 4:37:00 AM	Bis(2-ethylhexyl)adipate	n/a	<	0.85	µg/L	EPA 525.2	0.85	10	WKL	
MO-FIL	2021/22-3	Wet	3/29/2022 7:40:00 AM	4/15/2022 4:37:00 AM	Bis(2-ethylhexyl)phthalate	n/a	<	0.82	µg/L	EPA 525.2	0.82	6	WKL	
MO-FIL	2021/22-3	Wet	3/29/2022 7:40:00 AM	4/28/2022 4:31:00 AM	Bis(2-ethylhexyl)phthalate	n/a	<	4.6	µg/L	EPA 625.1	4.6	10	WKL	
MO-FIL	2021/22-3	Wet	3/29/2022 7:40:00 AM	4/28/2022 4:31:00 AM	Butyl benzyl phthalate	n/a	<	0.98	µg/L	EPA 625.1	0.98	2	WKL	
MO-FIL	2021/22-3	Wet	3/29/2022 7:40:00 AM	4/20/2022 11:03:00 AM	Chrysene	n/a	<	0.15	µg/L	EPA 8270C	0.15	0.2	WKL	
MO-FIL	2021/22-3	Wet	3/29/2022 7:40:00 AM	4/28/2022 4:31:00 AM	Chrysene	n/a	<	0.38	µg/L	EPA 625.1	0.38	2	WKL	
MO-FIL	2021/22-3	Wet	3/29/2022 7:40:00 AM	4/28/2022 4:31:00 AM	Dibenz(a,h)anthracene	n/a	<	0.3	µg/L	EPA 625.1	0.3	4	WKL	
MO-FIL	2021/22-3	Wet	3/29/2022 7:40:00 AM	4/20/2022 11:03:00 AM	Dibenz(a,h)anthracene	n/a	DNQ	0.12	µg/L	EPA 8270C	0.072	0.2	WKL	UL-MB
MO-FIL	2021/22-3	Wet	3/29/2022 7:40:00 AM	4/28/2022 4:31:00 AM	Diethyl phthalate	n/a	<	0.7	µg/L	EPA 625.1	0.7	2	WKL	
MO-FIL	2021/22-3	Wet	3/29/2022 7:40:00 AM	4/28/2022 4:31:00 AM	Dimethyl phthalate	n/a	<	0.36	µg/L	EPA 625.1	0.36	2	WKL	
MO-FIL	2021/22-3	Wet	3/29/2022 7:40:00 AM	4/28/2022 4:31:00 AM	Di-n-butylphthalate	n/a	DNQ	1.4	µg/L	EPA 625.1	0.68	2	WKL	
MO-FIL	2021/22-3	Wet	3/29/2022 7:40:00 AM	4/28/2022 4:31:00 AM	Di-n-octylphthalate	n/a	<	0.92	µg/L	EPA 625.1	0.92	2	WKL	
MO-FIL	2021/22-3	Wet	3/29/2022 7:40:00 AM	4/20/2022 11:03:00 AM	Fluoranthene	n/a	DNQ	0.082	µg/L	EPA 8270C	0.078	0.2	WKL	
MO-FIL	2021/22-3	Wet	3/29/2022 7:40:00 AM	4/28/2022 4:31:00 AM	Fluoranthene	n/a	<	0.69	µg/L	EPA 625.1	0.69	2	WKL	
MO-FIL	2021/22-3	Wet	3/29/2022 7:40:00 AM	4/28/2022 4:31:00 AM	Fluorene	n/a	<	0.7	µg/L	EPA 625.1	0.7	2	WKL	
MO-FIL	2021/22-3	Wet	3/29/2022 7:40:00 AM	4/20/2022 11:03:00 AM	Fluorene	n/a	<	0.058	µg/L	EPA 8270C	0.058	0.2	WKL	
MO-FIL	2021/22-3	Wet	3/29/2022 7:40:00 AM	4/28/2022 4:31:00 AM	Hexachlorobenzene	n/a	<	0.98	µg/L	EPA 625.1	0.98	2	WKL	
MO-FIL	2021/22-3	Wet	3/29/2022 7:40:00 AM	4/28/2022 4:31:00 AM	Hexachlorobutadiene	n/a	<	0.94	µg/L	EPA 625.1	0.94	2	WKL	
MO-FIL	2021/22-3	Wet	3/29/2022 7:40:00 AM	4/28/2022 4:31:00 AM	Hexachlorocyclopentadiene	n/a	<	0.62	µg/L	EPA 625.1	0.62	10	WKL	
MO-FIL	2021/22-3	Wet	3/29/2022 7:40:00 AM	4/15/2022 4:37:00 AM	Hexachlorocyclopentadiene	n/a	<	0.18	µg/L	EPA 525.2	0.18	2	WKL	
MO-FIL	2021/22-3	Wet	3/29/2022 7:40:00 AM	4/28/2022 4:31:00 AM	Hexachloroethane	n/a	<	1	µg/L	EPA 625.1	1	2	WKL	
MO-FIL	2021/22-3	Wet	3/29/2022 7:40:00 AM	4/20/2022 11:03:00 AM	Indeno(1,2,3-cd)pyrene	n/a	<	0.13	µg/L	EPA 8270C	0.13	0.2	WKL	
MO-FIL	2021/22-3	Wet	3/29/2022 7:40:00 AM	4/28/2022 4:31:00 AM	Indeno(1,2,3-cd)pyrene	n/a	<	0.49	µg/L	EPA 625.1	0.49	4	WKL	
MO-FIL	2021/22-3	Wet	3/29/2022 7:40:00 AM	4/28/2022 4:31:00 AM	Isophorone	n/a	<	0.42	µg/L	EPA 625.1	0.42	2	WKL	
MO-FIL	2021/22-3	Wet	3/29/2022 7:40:00 AM	4/20/2022 11:03:00 AM	Naphthalene	n/a	DNQ	0.1	µg/L	EPA 8270C	0.052	0.2	WKL	
MO-FIL	2021/22-3	Wet	3/29/2022 7:40:00 AM	4/28/2022 4:31:00 AM	Naphthalene	n/a	<	0.98	µg/L	EPA 625.1	0.98	2	WKL	
MO-FIL	2021/22-3	Wet	3/29/2022 7:40:00 AM	4/28/2022 4:31:00 AM	Nitrobenzene	n/a	<	0.72	µg/L	EPA 625.1	0.72	2	WKL	
MO-FIL	2021/22-3	Wet	3/29/2022 7:40:00 AM	4/28/2022 4:31:00 AM	N-Nitrosodimethylamine	n/a	<	1	µg/L	EPA 625.1	1	2	WKL	
MO-FIL	2021/22-3	Wet	3/29/2022 7:40:00 AM	4/28/2022 4:31:00 AM	N-Nitrosodi-N-propylamine	n/a	<	0.52	µg/L	EPA 625.1	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-FIL	2021/22-3	Wet	3/29/2022 7:40:00 AM	4/28/2022 4:31:00 AM	N-Nitrosodiphenylamine	n/a	<	0.38	µg/L	EPA 625.1	0.38	2	WKL	
MO-FIL	2021/22-3	Wet	3/29/2022 7:40:00 AM	4/28/2022 4:31:00 AM	Phenanthrene	n/a	<	0.64	µg/L	EPA 625.1	0.64	2	WKL	
MO-FIL	2021/22-3	Wet	3/29/2022 7:40:00 AM	4/20/2022 11:03:00 AM	Phenanthrene	n/a	<	0.058	µg/L	EPA 8270C	0.058	0.2	WKL	
MO-FIL	2021/22-3	Wet	3/29/2022 7:40:00 AM	4/28/2022 4:31:00 AM	Phenol	n/a	<	1.6	µg/L	EPA 625.1	1.6	2	WKL	
MO-FIL	2021/22-3	Wet	3/29/2022 7:40:00 AM	4/29/2022 9:08:00 AM	Phenol	n/a	<	0.7	µg/L	EPA 8270C	0.7	2	WKL	
MO-FIL	2021/22-3	Wet	3/29/2022 7:40:00 AM	4/28/2022 4:31:00 AM	Pyrene	n/a	<	0.5	µg/L	EPA 625.1	0.5	2	WKL	
MO-FIL	2021/22-3	Wet	3/29/2022 7:40:00 AM	4/20/2022 11:03:00 AM	Pyrene	n/a	<	0.08	µg/L	EPA 8270C	0.08	0.2	WKL	
MO-FIL	2021/22-3	Wet	3/29/2022 7:40:00 AM	4/10/2022 3:44:00 AM	PCB Aroclor 1016	n/a	<	2.5	µg/L	EPA 608.3	2.5	2.5	WKL	
MO-FIL	2021/22-3	Wet	3/29/2022 7:40:00 AM	4/10/2022 3:44:00 AM	PCB Aroclor 1221	n/a	<	2.5	µg/L	EPA 608.3	2.5	2.5	WKL	
MO-FIL	2021/22-3	Wet	3/29/2022 7:40:00 AM	4/10/2022 3:44:00 AM	PCB Aroclor 1232	n/a	<	2.5	µg/L	EPA 608.3	2.5	2.5	WKL	
MO-FIL	2021/22-3	Wet	3/29/2022 7:40:00 AM	4/10/2022 3:44:00 AM	PCB Aroclor 1242	n/a	<	2.5	µg/L	EPA 608.3	2.5	2.5	WKL	
MO-FIL	2021/22-3	Wet	3/29/2022 7:40:00 AM	4/10/2022 3:44:00 AM	PCB Aroclor 1248	n/a	<	2.5	µg/L	EPA 608.3	2.5	2.5	WKL	
MO-FIL	2021/22-3	Wet	3/29/2022 7:40:00 AM	4/10/2022 3:44:00 AM	PCB Aroclor 1254	n/a	<	2.5	µg/L	EPA 608.3	2.5	2.5	WKL	
MO-FIL	2021/22-3	Wet	3/29/2022 7:40:00 AM	4/10/2022 3:44:00 AM	PCB Aroclor 1260	n/a	<	2.5	µg/L	EPA 608.3	2.5	2.5	WKL	
MO-FIL	2021/22-3	Wet	3/29/2022 7:40:00 AM	4/1/2022 5:56:00 AM	2,4,5-T	n/a	<	0.03	µg/L	EPA 515.4	0.03	0.2	WKL	
MO-FIL	2021/22-3	Wet	3/29/2022 7:40:00 AM	4/1/2022 5:56:00 AM	2,4,5-TP	n/a	<	0.026	µg/L	EPA 515.4	0.026	0.2	WKL	
MO-FIL	2021/22-3	Wet	3/29/2022 7:40:00 AM	4/1/2022 5:56:00 AM	2,4-D	n/a	=	1.7	µg/L	EPA 515.4	0.14	0.4	WKL	
MO-FIL	2021/22-3	Wet	3/29/2022 7:40:00 AM	4/1/2022 5:56:00 AM	2,4-DB	n/a	<	2	µg/L	EPA 515.4	2	2	WKL	
MO-FIL	2021/22-3	Wet	3/29/2022 7:40:00 AM	4/1/2022 5:56:00 AM	3,5-Dichlorobenzoic acid	n/a	<	1	µg/L	EPA 515.4	1	1	WKL	
MO-FIL	2021/22-3	Wet	3/29/2022 7:40:00 AM	4/10/2022 3:44:00 AM	4,4'-DDD	n/a	<	0.0035	µg/L	EPA 608.3	0.0035	0.25	WKL	
MO-FIL	2021/22-3	Wet	3/29/2022 7:40:00 AM	4/10/2022 3:44:00 AM	4,4'-DDE	n/a	DNQ	0.0051	µg/L	EPA 608.3	0.0035	0.25	WKL	
MO-FIL	2021/22-3	Wet	3/29/2022 7:40:00 AM	4/10/2022 3:44:00 AM	4,4'-DDT	n/a	<	0.0055	µg/L	EPA 608.3	0.0055	0.05	WKL	
MO-FIL	2021/22-3	Wet	3/29/2022 7:40:00 AM	4/1/2022 5:56:00 AM	Acifluorfen	n/a	<	0.4	µg/L	EPA 515.4	0.4	0.4	WKL	
MO-FIL	2021/22-3	Wet	3/29/2022 7:40:00 AM	4/15/2022 4:37:00 AM	Alachlor	n/a	<	0.06	µg/L	EPA 525.2	0.06	0.2	WKL	
MO-FIL	2021/22-3	Wet	3/29/2022 7:40:00 AM	4/10/2022 3:44:00 AM	Aldrin	n/a	<	0.005	µg/L	EPA 608.3	0.005	0.025	WKL	
MO-FIL	2021/22-3	Wet	3/29/2022 7:40:00 AM	4/10/2022 3:44:00 AM	alpha-BHC	n/a	<	0.0055	µg/L	EPA 608.3	0.0055	0.05	WKL	
MO-FIL	2021/22-3	Wet	3/29/2022 7:40:00 AM	4/10/2022 3:44:00 AM	alpha-Chlordane	n/a	<	0.014	µg/L	EPA 608.3	0.014	0.05	WKL	
MO-FIL	2021/22-3	Wet	3/29/2022 7:40:00 AM	4/15/2022 4:37:00 AM	Atrazine	n/a	<	0.022	µg/L	EPA 525.2	0.022	0.2	WKL	
MO-FIL	2021/22-3	Wet	3/29/2022 7:40:00 AM	4/1/2022 9:19:00 PM	Azinphos methyl	n/a	<	0.011	µg/L	EPA 625.1m	0.011	0.02	WKL	
MO-FIL	2021/22-3	Wet	3/29/2022 7:40:00 AM	4/1/2022 9:19:00 PM	Bentazon	n/a	<	0.23	µg/L	EPA 515.4	0.23	2	WKL	
MO-FIL	2021/22-3	Wet	3/29/2022 7:40:00 AM	4/10/2022 3:44:00 AM	beta-BHC	n/a	<	0.0075	µg/L	EPA 608.3	0.0075	0.025	WKL	
MO-FIL	2021/22-3	Wet	3/29/2022 7:40:00 AM	4/1/2022 9:19:00 PM	Bolstar	n/a	<	0.0092	µg/L	EPA 625.1m	0.0092	0.02	WKL	
MO-FIL	2021/22-3	Wet	3/29/2022 7:40:00 AM	4/15/2022 4:37:00 AM	Bromacil	n/a	<	0.14	µg/L	EPA 525.2	0.14	1	WKL	
MO-FIL	2021/22-3	Wet	3/29/2022 7:40:00 AM	4/15/2022 4:37:00 AM	Butachlor	n/a	<	0.024	µg/L	EPA 525.2	0.024	0.2	WKL	
MO-FIL	2021/22-3	Wet	3/29/2022 7:40:00 AM	4/15/2022 4:37:00 AM	Captan	n/a	<	0.64	µg/L	EPA 525.2	0.64	2	WKL	
MO-FIL	2021/22-3	Wet	3/29/2022 7:40:00 AM	4/10/2022 3:44:00 AM	Chlordane (technical)	n/a	<	0.5	µg/L	EPA 608.3	0.5	0.5	WKL	
MO-FIL	2021/22-3	Wet	3/29/2022 7:40:00 AM	4/15/2022 4:37:00 AM	Chlorpropham	n/a	<	0.08	µg/L	EPA 525.2	0.08	0.2	WKL	
MO-FIL	2021/22-3	Wet	3/29/2022 7:40:00 AM	4/1/2022 9:19:00 PM	Chlorpyrifos	n/a	<	0.014	µg/L	EPA 625.1m	0.014	0.02	WKL	
MO-FIL	2021/22-3	Wet	3/29/2022 7:40:00 AM	4/1/2022 9:19:00 PM	Coumaphos	n/a	<	0.01	µg/L	EPA 625.1m	0.01	0.02	WKL	
MO-FIL	2021/22-3	Wet	3/29/2022 7:40:00 AM	4/1/2022 5:56:00 AM	Dalapon	n/a	<	0.11	µg/L	EPA 515.4	0.11	0.4	WKL	
MO-FIL	2021/22-3	Wet	3/29/2022 7:40:00 AM	4/1/2022 5:56:00 AM	DCPA (Dacthal)	n/a	<	0.029	µg/L	EPA 515.4	0.029	0.1	WKL	
MO-FIL	2021/22-3	Wet	3/29/2022 7:40:00 AM	4/10/2022 3:44:00 AM	delta-BHC	n/a	<	0.0095	µg/L	EPA 608.3	0.0095	0.025	WKL	
MO-FIL	2021/22-3	Wet	3/29/2022 7:40:00 AM	4/1/2022 9:19:00 PM	Demeton-O	n/a	<	0.02	µg/L	EPA 625.1m	0.02	0.02	WKL	
MO-FIL	2021/22-3	Wet	3/29/2022 7:40:00 AM	4/1/2022 9:19:00 PM	Demeton-S	n/a	<	0.02	µg/L	EPA 625.1m	0.02	0.02	WKL	
MO-FIL	2021/22-3	Wet	3/29/2022 7:40:00 AM	4/1/2022 9:19:00 PM	Diazinon	n/a	<	0.01	µg/L	EPA 625.1m	0.01	0.02	WKL	
MO-FIL	2021/22-3	Wet	3/29/2022 7:40:00 AM	4/15/2022 4:37:00 AM	Diazinon	n/a	<	0.044	µg/L	EPA 525.2	0.044	0.2	WKL	
MO-FIL	2021/22-3	Wet	3/29/2022 7:40:00 AM	4/1/2022 5:56:00 AM	Dicamba	n/a	<	0.049	µg/L	EPA 515.4	0.049	0.6	WKL	
MO-FIL	2021/22-3	Wet	3/29/2022 7:40:00 AM	4/1/2022 5:56:00 AM	Dichlorprop	n/a	<	0.12	µg/L	EPA 515.4	0.12	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	2021/22-3	Wet	3/29/2022 7:40:00 AM	4/1/2022 9:19:00 PM	Dichlorvos	n/a	<	0.0058	µg/L	EPA 625.1m	0.0058	0.02	WKL	
MO-FIL	2021/22-3	Wet	3/29/2022 7:40:00 AM	4/10/2022 3:44:00 AM	Dieldrin	n/a	<	0.004	µg/L	EPA 608.3	0.004	0.05	WKL	
MO-FIL	2021/22-3	Wet	3/29/2022 7:40:00 AM	4/15/2022 4:37:00 AM	Dimethoate	n/a	<	0.04	µg/L	EPA 525.2	0.04	0.4	WKL	
MO-FIL	2021/22-3	Wet	3/29/2022 7:40:00 AM	4/1/2022 9:19:00 PM	Dimethoate	n/a	<	0.012	µg/L	EPA 625.1m	0.012	0.02	WKL	
MO-FIL	2021/22-3	Wet	3/29/2022 7:40:00 AM	4/1/2022 5:56:00 AM	Dinoseb	n/a	<	0.033	µg/L	EPA 515.4	0.033	0.4	WKL	
MO-FIL	2021/22-3	Wet	3/29/2022 7:40:00 AM	4/15/2022 4:37:00 AM	Diphenamid	n/a	<	0.06	µg/L	EPA 525.2	0.06	0.2	WKL	
MO-FIL	2021/22-3	Wet	3/29/2022 7:40:00 AM	4/15/2022 4:37:00 AM	Disulfoton	n/a	<	0.031	µg/L	EPA 525.2	0.031	0.2	WKL	
MO-FIL	2021/22-3	Wet	3/29/2022 7:40:00 AM	4/1/2022 9:19:00 PM	Disulfoton	n/a	<	0.02	µg/L	EPA 625.1m	0.02	0.02	WKL	
MO-FIL	2021/22-3	Wet	3/29/2022 7:40:00 AM	4/10/2022 3:44:00 AM	Endosulfan I	n/a	<	0.0045	µg/L	EPA 608.3	0.0045	0.1	WKL	
MO-FIL	2021/22-3	Wet	3/29/2022 7:40:00 AM	4/10/2022 3:44:00 AM	Endosulfan II	n/a	<	0.0035	µg/L	EPA 608.3	0.0035	0.05	WKL	
MO-FIL	2021/22-3	Wet	3/29/2022 7:40:00 AM	4/10/2022 3:44:00 AM	Endosulfan sulfate	n/a	<	0.0065	µg/L	EPA 608.3	0.0065	0.25	WKL	
MO-FIL	2021/22-3	Wet	3/29/2022 7:40:00 AM	4/10/2022 3:44:00 AM	Endrin	n/a	<	0.0085	µg/L	EPA 608.3	0.0085	0.05	WKL	
MO-FIL	2021/22-3	Wet	3/29/2022 7:40:00 AM	4/10/2022 3:44:00 AM	Endrin aldehyde	n/a	<	0.0095	µg/L	EPA 608.3	0.0095	0.05	WKL	
MO-FIL	2021/22-3	Wet	3/29/2022 7:40:00 AM	4/15/2022 4:37:00 AM	EPTC	n/a	<	0.04	µg/L	EPA 525.2	0.04	0.2	WKL	
MO-FIL	2021/22-3	Wet	3/29/2022 7:40:00 AM	4/1/2022 9:19:00 PM	Ethoprop	n/a	<	0.013	µg/L	EPA 625.1m	0.013	0.02	WKL	
MO-FIL	2021/22-3	Wet	3/29/2022 7:40:00 AM	4/1/2022 9:19:00 PM	Ethyl parathion	n/a	<	0.011	µg/L	EPA 625.1m	0.011	0.02	WKL	
MO-FIL	2021/22-3	Wet	3/29/2022 7:40:00 AM	4/1/2022 9:19:00 PM	Fensulfothion	n/a	<	0.0058	µg/L	EPA 625.1m	0.0058	0.02	WKL	
MO-FIL	2021/22-3	Wet	3/29/2022 7:40:00 AM	4/1/2022 9:19:00 PM	Fenthion	n/a	<	0.0076	µg/L	EPA 625.1m	0.0076	0.02	WKL	
MO-FIL	2021/22-3	Wet	3/29/2022 7:40:00 AM	4/10/2022 3:44:00 AM	gamma-BHC (Lindane)	n/a	<	0.002	µg/L	EPA 608.3	0.002	0.1	WKL	
MO-FIL	2021/22-3	Wet	3/29/2022 7:40:00 AM	4/10/2022 3:44:00 AM	gamma-Chlordane	n/a	<	0.012	µg/L	EPA 608.3	0.012	0.05	WKL	
MO-FIL	2021/22-3	Wet	3/29/2022 7:40:00 AM	4/4/2022 8:25:00 PM	Glyphosate	n/a	=	38	µg/L	EPA 547	1.8	5	WKL	
MO-FIL	2021/22-3	Wet	3/29/2022 7:40:00 AM	4/10/2022 3:44:00 AM	Heptachlor	n/a	<	0.003	µg/L	EPA 608.3	0.003	0.05	WKL	
MO-FIL	2021/22-3	Wet	3/29/2022 7:40:00 AM	4/10/2022 3:44:00 AM	Heptachlor epoxide	n/a	<	0.002	µg/L	EPA 608.3	0.002	0.05	WKL	
MO-FIL	2021/22-3	Wet	3/29/2022 7:40:00 AM	4/1/2022 9:19:00 PM	Malathion	n/a	<	0.015	µg/L	EPA 625.1m	0.015	0.02	WKL	
MO-FIL	2021/22-3	Wet	3/29/2022 7:40:00 AM	4/1/2022 9:19:00 PM	Merphos	n/a	<	0.012	µg/L	EPA 625.1m	0.012	0.02	WKL	
MO-FIL	2021/22-3	Wet	3/29/2022 7:40:00 AM	4/1/2022 9:19:00 PM	Methyl parathion	n/a	<	0.013	µg/L	EPA 625.1m	0.013	0.02	WKL	
MO-FIL	2021/22-3	Wet	3/29/2022 7:40:00 AM	4/15/2022 4:37:00 AM	Metolachlor	n/a	<	0.06	µg/L	EPA 525.2	0.06	0.2	WKL	
MO-FIL	2021/22-3	Wet	3/29/2022 7:40:00 AM	4/15/2022 4:37:00 AM	Metribuzin	n/a	<	0.06	µg/L	EPA 525.2	0.06	0.2	WKL	
MO-FIL	2021/22-3	Wet	3/29/2022 7:40:00 AM	4/1/2022 9:19:00 PM	Mevinphos	n/a	<	0.0084	µg/L	EPA 625.1m	0.0084	0.02	WKL	
MO-FIL	2021/22-3	Wet	3/29/2022 7:40:00 AM	4/15/2022 4:37:00 AM	Molinate	n/a	<	0.06	µg/L	EPA 525.2	0.06	0.2	WKL	
MO-FIL	2021/22-3	Wet	3/29/2022 7:40:00 AM	4/1/2022 9:19:00 PM	Naled	n/a	<	0.015	µg/L	EPA 625.1m	0.015	0.02	WKL	
MO-FIL	2021/22-3	Wet	3/29/2022 7:40:00 AM	4/1/2022 5:56:00 AM	Pentachlorophenol	n/a	DNQ	0.19	µg/L	EPA 515.4	0.046	0.2	WKL	
MO-FIL	2021/22-3	Wet	3/29/2022 7:40:00 AM	4/28/2022 4:31:00 AM	Pentachlorophenol	n/a	DNQ	1.6	µg/L	EPA 625.1	0.8	2	WKL	
MO-FIL	2021/22-3	Wet	3/29/2022 7:40:00 AM	4/29/2022 9:08:00 AM	Pentachlorophenol	n/a	DNQ	0.95	µg/L	EPA 8270C	0.3	2	WKL	
MO-FIL	2021/22-3	Wet	3/29/2022 7:40:00 AM	4/1/2022 9:19:00 PM	Phorate	n/a	<	0.006	µg/L	EPA 625.1m	0.006	0.02	WKL	
MO-FIL	2021/22-3	Wet	3/29/2022 7:40:00 AM	4/1/2022 5:56:00 AM	Picloram	n/a	<	0.6	µg/L	EPA 515.4	0.6	0.6	WKL	
MO-FIL	2021/22-3	Wet	3/29/2022 7:40:00 AM	4/15/2022 4:37:00 AM	Prometryn	n/a	<	0.06	µg/L	EPA 525.2	0.06	0.2	WKL	
MO-FIL	2021/22-3	Wet	3/29/2022 7:40:00 AM	4/1/2022 9:19:00 PM	Ronnel (Fenchlorphos)	n/a	<	0.0082	µg/L	EPA 625.1m	0.0082	0.02	WKL	
MO-FIL	2021/22-3	Wet	3/29/2022 7:40:00 AM	4/15/2022 4:37:00 AM	Simazine	n/a	<	0.04	µg/L	EPA 525.2	0.04	0.2	WKL	
MO-FIL	2021/22-3	Wet	3/29/2022 7:40:00 AM	4/1/2022 9:19:00 PM	Stirophos (Tetrachlorvinphos)	n/a	<	0.0062	µg/L	EPA 625.1m	0.0062	0.02	WKL	
MO-FIL	2021/22-3	Wet	3/29/2022 7:40:00 AM	4/15/2022 4:37:00 AM	Terbacil	n/a	<	0.18	µg/L	EPA 525.2	0.18	4	WKL	
MO-FIL	2021/22-3	Wet	3/29/2022 7:40:00 AM	4/15/2022 4:37:00 AM	Thiobencarb	n/a	<	0.06	µg/L	EPA 525.2	0.06	0.2	WKL	
MO-FIL	2021/22-3	Wet	3/29/2022 7:40:00 AM	4/1/2022 9:19:00 PM	Tokuthion	n/a	<	0.016	µg/L	EPA 625.1m	0.016	0.02	WKL	
MO-FIL	2021/22-3	Wet	3/29/2022 7:40:00 AM	4/10/2022 3:44:00 AM	Toxaphene	n/a	<	5	µg/L	EPA 608.3	5	5	WKL	
MO-FIL	2021/22-3	Wet	3/29/2022 7:40:00 AM	4/1/2022 9:19:00 PM	Trichloronate	n/a	<	0.013	µg/L	EPA 625.1m	0.013	0.02	WKL	
MO-FIL	2021/22-3	Wet	3/29/2022 7:40:00 AM	4/15/2022 4:37:00 AM	Trihion	n/a	<	0.04	µg/L	EPA 525.2	0.04	0.2	WKL	
MO-FIL	2021/22-4	Dry	5/17/2022 8:10:00 AM	5/21/2022 2:04:00 AM	Chloride	n/a	=	82	mg/L	EPA 300.0	0.38	1	WKL	
MO-FIL	2021/22-4	Dry	5/17/2022 8:10:00 AM	5/21/2022 2:04:00 AM	Fluoride	n/a	=	0.76	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
MO-FIL	2021/22-4	Dry	5/17/2022 8:10:00 AM	5/27/2022 8:18:00 PM	Perchlorate	n/a	DNQ	0.59	µg/L	EPA 331	0.39	2	WKL	
MO-FIL	2021/22-4	Dry	5/17/2022 8:10:00 AM	6/1/2022 7:43:00 PM	Calcium	Total	=	146	mg/L	EPA 200.7	0.0234	0.5	WKL	
MO-FIL	2021/22-4	Dry	5/17/2022 8:10:00 AM	6/1/2022 7:43:00 PM	Magnesium	Total	=	45.6	mg/L	EPA 200.7	0.039	0.5	WKL	
MO-FIL	2021/22-4	Dry	5/17/2022 8:10:00 AM	5/25/2022 8:01:00 PM	Alkalinity as CaCO3	n/a	=	210	mg/L	SM 2320 B	1.9	5	WKL	
MO-FIL	2021/22-4	Dry	5/17/2022 8:10:00 AM	5/23/2022 3:51:00 PM	BOD	n/a	<	2	mg/L	SM 5210 B	2	2	WKL	
MO-FIL	2021/22-4	Dry	5/17/2022 8:10:00 AM	5/25/2022 2:23:00 PM	COD	n/a	<	2.9	mg/L	EPA 410.4	2.9	5	WKL	
MO-FIL	2021/22-4	Dry	5/17/2022 8:10:00 AM	6/1/2022 7:43:00 PM	Hardness as CaCO3	Total	=	553	mg/L	EPA 200.7	0.219	3.31	WKL	
MO-FIL	2021/22-4	Dry	5/17/2022 8:10:00 AM	5/18/2022 4:43:00 PM	MBAS	n/a	DNQ	0.037	mg/L	SM 5540 C	0.013	0.05	WKL	
MO-FIL	2021/22-4	Dry	5/17/2022 8:10:00 AM	5/25/2022 12:11:00 PM	Phenolics	n/a	<	0.0068	mg/L	EPA 420.4	0.0068	0.01	WKL	
MO-FIL	2021/22-4	Dry	5/17/2022 8:10:00 AM	5/31/2022 11:36:00 AM	Specific Conductance	n/a	=	530	µmhos/cm	SM 2510 B	1.1	2	WKL	
MO-FIL	2021/22-4	Dry	5/17/2022 8:10:00 AM	5/21/2022 1:07:00 PM	Total Dissolved Solids	n/a	=	1000	mg/L	SM 2540 C	4	10	WKL	
MO-FIL	2021/22-4	Dry	5/17/2022 8:10:00 AM	5/25/2022 9:23:00 AM	Total Organic Carbon	n/a	=	3.6	mg/L	SM 5310 B	0.19	0.3	WKL	
MO-FIL	2021/22-4	Dry	5/17/2022 8:10:00 AM	5/23/2022 10:00:00 AM	Total Suspended Solids	n/a	=	6	mg/L	SM 2540 D	-88	5	WKL	
MO-FIL	2021/22-4	Dry	5/17/2022 8:10:00 AM	5/18/2022 5:56:00 PM	Turbidity	n/a	=	0.75	NTU	EPA 180.1	0.017	0.1	WKL	
MO-FIL	2021/22-4	Dry	5/17/2022 8:10:00 AM	5/23/2022 10:00:00 AM	Volatile Suspended Solids	n/a	<	3.1	mg/L	EPA 160.4	3.1	5	WKL	
MO-FIL	2021/22-4	Dry	5/17/2022 8:10:00 AM	6/17/2022 12:24:00 AM	Diesel Range Organics	n/a	=	0.19	mg/L	EPA 8015B	0.072	0.1	WKL	EST-LCSRPD
MO-FIL	2021/22-4	Dry	5/17/2022 8:10:00 AM	6/17/2022 12:24:00 AM	Oil Range Organics	n/a	<	0.33	mg/L	EPA 8015B	0.33	0.5	WKL	
MO-FIL	2021/22-4	Dry	5/17/2022 8:10:00 AM	5/27/2022 4:22:00 PM	Aluminum	Dissolved	<	4.4	µg/L	EPA 200.8	4.4	20	WKL	
MO-FIL	2021/22-4	Dry	5/17/2022 8:10:00 AM	5/27/2022 4:24:00 PM	Aluminum	Total	DNQ	18	µg/L	EPA 200.8	4.4	20	WKL	
MO-FIL	2021/22-4	Dry	5/17/2022 8:10:00 AM	5/27/2022 4:22:00 PM	Antimony	Dissolved	DNQ	0.4	µg/L	EPA 200.8	0.089	0.5	WKL	
MO-FIL	2021/22-4	Dry	5/17/2022 8:10:00 AM	5/27/2022 4:24:00 PM	Antimony	Total	DNQ	0.37	µg/L	EPA 200.8	0.089	0.5	WKL	
MO-FIL	2021/22-4	Dry	5/17/2022 8:10:00 AM	5/27/2022 4:22:00 PM	Arsenic	Dissolved	=	0.42	µg/L	EPA 200.8	0.074	0.4	WKL	
MO-FIL	2021/22-4	Dry	5/17/2022 8:10:00 AM	5/27/2022 4:24:00 PM	Arsenic	Total	DNQ	0.39	µg/L	EPA 200.8	0.074	0.4	WKL	
MO-FIL	2021/22-4	Dry	5/17/2022 8:10:00 AM	5/27/2022 4:24:00 PM	Barium	Total	=	30	µg/L	EPA 200.8	0.14	1	WKL	
MO-FIL	2021/22-4	Dry	5/17/2022 8:10:00 AM	5/27/2022 4:22:00 PM	Beryllium	Dissolved	<	0.062	µg/L	EPA 200.8	0.062	0.1	WKL	
MO-FIL	2021/22-4	Dry	5/17/2022 8:10:00 AM	5/27/2022 4:24:00 PM	Beryllium	Total	<	0.029	µg/L	EPA 200.8	0.029	0.1	WKL	
MO-FIL	2021/22-4	Dry	5/17/2022 8:10:00 AM	5/27/2022 4:22:00 PM	Cadmium	Dissolved	DNQ	0.088	µg/L	EPA 200.8	0.042	0.2	WKL	
MO-FIL	2021/22-4	Dry	5/17/2022 8:10:00 AM	5/27/2022 4:24:00 PM	Cadmium	Total	DNQ	0.094	µg/L	EPA 200.8	0.042	0.2	WKL	
MO-FIL	2021/22-4	Dry	5/17/2022 8:10:00 AM	5/27/2022 4:22:00 PM	Chromium	Dissolved	DNQ	0.16	µg/L	EPA 200.8	0.089	0.2	WKL	
MO-FIL	2021/22-4	Dry	5/17/2022 8:10:00 AM	5/27/2022 4:24:00 PM	Chromium	Total	=	0.27	µg/L	EPA 200.8	0.089	0.2	WKL	
MO-FIL	2021/22-4	Dry	5/17/2022 8:10:00 AM	5/31/2022 4:44:00 PM	Chromium VI	n/a	=	0.2	µg/L	EPA 218.6	0.0079	0.02	WKL	
MO-FIL	2021/22-4	Dry	5/17/2022 8:10:00 AM	5/27/2022 4:22:00 PM	Copper	Dissolved	=	4.8	µg/L	EPA 200.8	0.23	0.5	WKL	
MO-FIL	2021/22-4	Dry	5/17/2022 8:10:00 AM	5/27/2022 4:24:00 PM	Copper	Total	=	5.5	µg/L	EPA 200.8	0.23	0.5	WKL	
MO-FIL	2021/22-4	Dry	5/17/2022 8:10:00 AM	5/27/2022 4:22:00 PM	Iron	Dissolved	<	3.9	µg/L	EPA 200.8	3.9	20	WKL	
MO-FIL	2021/22-4	Dry	5/17/2022 8:10:00 AM	5/27/2022 4:24:00 PM	Iron	Total	=	34	µg/L	EPA 200.8	3.9	20	WKL	
MO-FIL	2021/22-4	Dry	5/17/2022 8:10:00 AM	5/27/2022 4:22:00 PM	Lead	Dissolved	<	0.083	µg/L	EPA 200.8	0.083	0.2	WKL	
MO-FIL	2021/22-4	Dry	5/17/2022 8:10:00 AM	5/27/2022 4:24:00 PM	Lead	Total	<	0.083	µg/L	EPA 200.8	0.083	0.2	WKL	
MO-FIL	2021/22-4	Dry	5/17/2022 8:10:00 AM	5/27/2022 3:25:00 PM	Mercury	Dissolved	<	37	ng/L	EPA 245.1	37	50	WKL	
MO-FIL	2021/22-4	Dry	5/17/2022 8:10:00 AM	5/27/2022 3:27:00 PM	Mercury	Total	<	37	ng/L	EPA 245.1	37	50	WKL	
MO-FIL	2021/22-4	Dry	5/17/2022 8:10:00 AM	5/27/2022 4:22:00 PM	Nickel	Dissolved	DNQ	1	µg/L	EPA 200.8	0.16	2	WKL	
MO-FIL	2021/22-4	Dry	5/17/2022 8:10:00 AM	5/27/2022 4:24:00 PM	Nickel	Total	DNQ	1.1	µg/L	EPA 200.8	0.16	2	WKL	
MO-FIL	2021/22-4	Dry	5/17/2022 8:10:00 AM	5/27/2022 4:22:00 PM	Selenium	Dissolved	=	6.1	µg/L	EPA 200.8	0.067	0.4	WKL	
MO-FIL	2021/22-4	Dry	5/17/2022 8:10:00 AM	5/27/2022 4:24:00 PM	Selenium	Total	=	6.1	µg/L	EPA 200.8	0.067	0.4	WKL	
MO-FIL	2021/22-4	Dry	5/17/2022 8:10:00 AM	5/27/2022 4:22:00 PM	Silver	Dissolved	<	0.03	µg/L	EPA 200.8	0.03	0.2	WKL	
MO-FIL	2021/22-4	Dry	5/17/2022 8:10:00 AM	5/27/2022 4:24:00 PM	Silver	Total	<	0.13	µg/L	EPA 200.8	0.13	0.2	WKL	
MO-FIL	2021/22-4	Dry	5/17/2022 8:10:00 AM	5/27/2022 4:22:00 PM	Thallium	Dissolved	<	0.021	µg/L	EPA 200.8	0.021	0.2	WKL	
MO-FIL	2021/22-4	Dry	5/17/2022 8:10:00 AM	5/27/2022 4:24:00 PM	Thallium	Total	<	0.021	µg/L	EPA 200.8	0.021	0.2	WKL	
MO-FIL	2021/22-4	Dry	5/17/2022 8:10:00 AM	5/27/2022 4:22:00 PM	Zinc	Dissolved	DNQ	4.9	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-FIL	2021/22-4	Dry	5/17/2022 8:10:00 AM	5/27/2022 4:24:00 PM	Zinc	Total	DNQ	6.1	µg/L	EPA 200.8	1.7	10	WKL	
MO-FIL	2021/22-4	Dry	5/17/2022 8:10:00 AM	5/26/2022 3:30:00 PM	Ammonia as N	n/a	DNQ	0.046	mg/L	EPA 350.1	0.017	0.1	WKL	
MO-FIL	2021/22-4	Dry	5/17/2022 8:10:00 AM	5/18/2022 6:21:00 PM	Nitrate + Nitrite as N	n/a	=	1.6	mg/L	EPA 353.2	0.036	0.2	WKL	
MO-FIL	2021/22-4	Dry	5/17/2022 8:10:00 AM	6/1/2022 7:40:00 PM	Phosphorus as P	Dissolved	=	0.055	mg/L	EPA 200.7	0.018	0.05	WKL	
MO-FIL	2021/22-4	Dry	5/17/2022 8:10:00 AM	6/1/2022 7:43:00 PM	Phosphorus as P	Total	=	0.068	mg/L	EPA 200.7	0.018	0.05	WKL	
MO-FIL	2021/22-4	Dry	5/17/2022 8:10:00 AM	6/3/2022 3:25:00 PM	TKN	n/a	=	0.6	mg/L	EPA 351.2	0.065	0.1	WKL	
MO-FIL	2021/22-4	Dry	5/17/2022 8:10:00 AM	6/7/2022 2:06:00 AM	1,2,4-Trichlorobenzene	n/a	<	0.49	µg/L	EPA 625.1	0.49	1	WKL	
MO-FIL	2021/22-4	Dry	5/17/2022 8:10:00 AM	6/7/2022 2:06:00 AM	1,2-Dichlorobenzene	n/a	<	0.46	µg/L	EPA 625.1	0.46	1	WKL	
MO-FIL	2021/22-4	Dry	5/17/2022 8:10:00 AM	6/7/2022 2:06:00 AM	1,2-Diphenylhydrazine	n/a	<	0.3	µg/L	EPA 625.1	0.3	1	WKL	
MO-FIL	2021/22-4	Dry	5/17/2022 8:10:00 AM	6/7/2022 2:06:00 AM	1,3-Dichlorobenzene	n/a	<	0.42	µg/L	EPA 625.1	0.42	1	WKL	
MO-FIL	2021/22-4	Dry	5/17/2022 8:10:00 AM	6/7/2022 2:06:00 AM	1,4-Dichlorobenzene	n/a	<	0.48	µg/L	EPA 625.1	0.48	1	WKL	
MO-FIL	2021/22-4	Dry	5/17/2022 8:10:00 AM	6/25/2022 10:15:00 AM	1-Methylnaphthalene	n/a	<	0.024	µg/L	EPA 8270C	0.024	0.1	WKL	
MO-FIL	2021/22-4	Dry	5/17/2022 8:10:00 AM	6/24/2022 6:21:00 AM	2,4,5-Trichlorophenol	n/a	<	0.29	µg/L	EPA 8270C	0.29	1	WKL	
MO-FIL	2021/22-4	Dry	5/17/2022 8:10:00 AM	6/24/2022 6:21:00 AM	2,4,6-Trichlorophenol	n/a	<	0.3	µg/L	EPA 8270C	0.3	1	WKL	
MO-FIL	2021/22-4	Dry	5/17/2022 8:10:00 AM	6/7/2022 2:06:00 AM	2,4,6-Trichlorophenol	n/a	<	0.22	µg/L	EPA 625.1	0.22	1	WKL	
MO-FIL	2021/22-4	Dry	5/17/2022 8:10:00 AM	6/7/2022 2:06:00 AM	2,4-Dichlorophenol	n/a	<	0.26	µg/L	EPA 625.1	0.26	1	WKL	
MO-FIL	2021/22-4	Dry	5/17/2022 8:10:00 AM	6/24/2022 6:21:00 AM	2,4-Dichlorophenol	n/a	<	0.51	µg/L	EPA 8270C	0.51	1	WKL	
MO-FIL	2021/22-4	Dry	5/17/2022 8:10:00 AM	6/24/2022 6:21:00 AM	2,4-Dimethylphenol	n/a	<	1	µg/L	EPA 8270C	1	2	WKL	
MO-FIL	2021/22-4	Dry	5/17/2022 8:10:00 AM	6/7/2022 2:06:00 AM	2,4-Dimethylphenol	n/a	<	0.76	µg/L	EPA 625.1	0.76	1	WKL	
MO-FIL	2021/22-4	Dry	5/17/2022 8:10:00 AM	6/7/2022 2:06:00 AM	2,4-Dinitrophenol	n/a	<	1.9	µg/L	EPA 625.1	1.9	10	WKL	
MO-FIL	2021/22-4	Dry	5/17/2022 8:10:00 AM	6/24/2022 6:21:00 AM	2,4-Dinitrophenol	n/a	<	1	µg/L	EPA 8270C	1	2	WKL	
MO-FIL	2021/22-4	Dry	5/17/2022 8:10:00 AM	6/7/2022 2:06:00 AM	2,4-Dinitrotoluene	n/a	<	0.46	µg/L	EPA 625.1	0.46	1	WKL	
MO-FIL	2021/22-4	Dry	5/17/2022 8:10:00 AM	6/7/2022 2:06:00 AM	2,6-Dinitrotoluene	n/a	<	0.27	µg/L	EPA 625.1	0.27	1	WKL	
MO-FIL	2021/22-4	Dry	5/17/2022 8:10:00 AM	6/7/2022 2:06:00 AM	2-Chloronaphthalene	n/a	<	0.45	µg/L	EPA 625.1	0.45	1	WKL	
MO-FIL	2021/22-4	Dry	5/17/2022 8:10:00 AM	6/24/2022 6:21:00 AM	2-Chlorophenol	n/a	<	0.65	µg/L	EPA 8270C	0.65	1	WKL	
MO-FIL	2021/22-4	Dry	5/17/2022 8:10:00 AM	6/7/2022 2:06:00 AM	2-Chlorophenol	n/a	<	0.28	µg/L	EPA 625.1	0.28	1	WKL	
MO-FIL	2021/22-4	Dry	5/17/2022 8:10:00 AM	6/25/2022 10:15:00 AM	2-Methylnaphthalene	n/a	<	0.026	µg/L	EPA 8270C	0.026	0.1	WKL	
MO-FIL	2021/22-4	Dry	5/17/2022 8:10:00 AM	6/24/2022 6:21:00 AM	2-Methylphenol	n/a	<	0.34	µg/L	EPA 8270C	0.34	1	WKL	
MO-FIL	2021/22-4	Dry	5/17/2022 8:10:00 AM	6/7/2022 2:06:00 AM	2-Nitrophenol	n/a	<	0.26	µg/L	EPA 625.1	0.26	1	WKL	
MO-FIL	2021/22-4	Dry	5/17/2022 8:10:00 AM	6/24/2022 6:21:00 AM	2-Nitrophenol	n/a	<	0.71	µg/L	EPA 8270C	0.71	1	WKL	
MO-FIL	2021/22-4	Dry	5/17/2022 8:10:00 AM	6/7/2022 2:06:00 AM	3,3'-Dichlorobenzidine	n/a	<	2.5	µg/L	EPA 625.1	2.5	5	WKL	
MO-FIL	2021/22-4	Dry	5/17/2022 8:10:00 AM	6/24/2022 6:21:00 AM	3-/4-Methylphenol	n/a	<	0.3	µg/L	EPA 8270C	0.3	1	WKL	
MO-FIL	2021/22-4	Dry	5/17/2022 8:10:00 AM	6/7/2022 2:06:00 AM	4,6-Dinitro-2-methylphenol	n/a	<	0.5	µg/L	EPA 625.1	0.5	5	WKL	
MO-FIL	2021/22-4	Dry	5/17/2022 8:10:00 AM	6/24/2022 6:21:00 AM	4,6-Dinitro-2-methylphenol	n/a	<	0.14	µg/L	EPA 8270C	0.14	1	WKL	
MO-FIL	2021/22-4	Dry	5/17/2022 8:10:00 AM	6/7/2022 2:06:00 AM	4-Bromophenyl phenyl ether	n/a	<	0.36	µg/L	EPA 625.1	0.36	1	WKL	
MO-FIL	2021/22-4	Dry	5/17/2022 8:10:00 AM	6/24/2022 6:21:00 AM	4-Chloro-3-methylphenol	n/a	<	0.37	µg/L	EPA 8270C	0.37	1	WKL	
MO-FIL	2021/22-4	Dry	5/17/2022 8:10:00 AM	6/7/2022 2:06:00 AM	4-Chloro-3-methylphenol	n/a	<	0.23	µg/L	EPA 625.1	0.23	1	WKL	
MO-FIL	2021/22-4	Dry	5/17/2022 8:10:00 AM	6/7/2022 2:06:00 AM	4-Chlorophenyl phenyl ether	n/a	<	0.41	µg/L	EPA 625.1	0.41	1	WKL	
MO-FIL	2021/22-4	Dry	5/17/2022 8:10:00 AM	6/7/2022 2:06:00 AM	4-Nitrophenol	n/a	<	1.2	µg/L	EPA 625.1	1.2	5	WKL	
MO-FIL	2021/22-4	Dry	5/17/2022 8:10:00 AM	6/24/2022 6:21:00 AM	4-Nitrophenol	n/a	<	1	µg/L	EPA 8270C	1	2	WKL	
MO-FIL	2021/22-4	Dry	5/17/2022 8:10:00 AM	6/25/2022 10:15:00 AM	Acenaphthene	n/a	<	0.028	µg/L	EPA 8270C	0.028	0.1	WKL	
MO-FIL	2021/22-4	Dry	5/17/2022 8:10:00 AM	6/7/2022 2:06:00 AM	Acenaphthene	n/a	<	0.38	µg/L	EPA 625.1	0.38	1	WKL	
MO-FIL	2021/22-4	Dry	5/17/2022 8:10:00 AM	6/7/2022 2:06:00 AM	Acenaphthylene	n/a	<	0.35	µg/L	EPA 625.1	0.35	1	WKL	
MO-FIL	2021/22-4	Dry	5/17/2022 8:10:00 AM	6/25/2022 10:15:00 AM	Acenaphthylene	n/a	<	0.033	µg/L	EPA 8270C	0.033	0.1	WKL	
MO-FIL	2021/22-4	Dry	5/17/2022 8:10:00 AM	6/7/2022 2:06:00 AM	Anthracene	n/a	<	0.41	µg/L	EPA 625.1	0.41	1	WKL	
MO-FIL	2021/22-4	Dry	5/17/2022 8:10:00 AM	6/25/2022 10:15:00 AM	Anthracene	n/a	<	0.025	µg/L	EPA 8270C	0.025	0.1	WKL	
MO-FIL	2021/22-4	Dry	5/17/2022 8:10:00 AM	6/7/2022 2:06:00 AM	Benz(a)anthracene	n/a	<	0.19	µg/L	EPA 625.1	0.19	1	WKL	
MO-FIL	2021/22-4	Dry	5/17/2022 8:10:00 AM	6/25/2022 10:15:00 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
MO-FIL	2021/22-4	Dry	5/17/2022 8:10:00 AM	6/7/2022 2:06:00 AM	Benidine	n/a	<	3.2	µg/L	EPA 625.1	3.2	10	WKL	
MO-FIL	2021/22-4	Dry	5/17/2022 8:10:00 AM	6/7/2022 2:06:00 AM	Benzo(a)pyrene	n/a	<	0.39	µg/L	EPA 625.1	0.39	1	WKL	
MO-FIL	2021/22-4	Dry	5/17/2022 8:10:00 AM	6/25/2022 10:15:00 AM	Benzo(a)pyrene	n/a	DNQ	0.062	µg/L	EPA 8270C	0.051	0.1	WKL	
MO-FIL	2021/22-4	Dry	5/17/2022 8:10:00 AM	5/31/2022 8:43:00 PM	Benzo(a)pyrene	n/a	<	0.02	µg/L	EPA 525.2	0.02	0.1	WKL	
MO-FIL	2021/22-4	Dry	5/17/2022 8:10:00 AM	6/7/2022 2:06:00 AM	Benzo(b)fluoranthene	n/a	<	0.46	µg/L	EPA 625.1	0.46	1	WKL	
MO-FIL	2021/22-4	Dry	5/17/2022 8:10:00 AM	6/25/2022 10:15:00 AM	Benzo(b)fluoranthene	n/a	<	0.074	µg/L	EPA 8270C	0.074	0.1	WKL	
MO-FIL	2021/22-4	Dry	5/17/2022 8:10:00 AM	6/7/2022 2:06:00 AM	Benzo(g,h,i)perylene	n/a	<	0.42	µg/L	EPA 625.1	0.42	2	WKL	
MO-FIL	2021/22-4	Dry	5/17/2022 8:10:00 AM	6/25/2022 10:15:00 AM	Benzo(g,h,i)perylene	n/a	DNQ	0.066	µg/L	EPA 8270C	0.05	0.1	WKL	
MO-FIL	2021/22-4	Dry	5/17/2022 8:10:00 AM	6/7/2022 2:06:00 AM	Benzo(k)fluoranthene	n/a	<	0.22	µg/L	EPA 625.1	0.22	1	WKL	
MO-FIL	2021/22-4	Dry	5/17/2022 8:10:00 AM	6/25/2022 10:15:00 AM	Benzo(k)fluoranthene	n/a	DNQ	0.051	µg/L	EPA 8270C	0.026	0.1	WKL	
MO-FIL	2021/22-4	Dry	5/17/2022 8:10:00 AM	6/7/2022 2:06:00 AM	Bis(2-chloroethoxy)methane	n/a	<	0.25	µg/L	EPA 625.1	0.25	1	WKL	
MO-FIL	2021/22-4	Dry	5/17/2022 8:10:00 AM	6/7/2022 2:06:00 AM	Bis(2-chloroethyl)ether	n/a	<	0.27	µg/L	EPA 625.1	0.27	1	WKL	
MO-FIL	2021/22-4	Dry	5/17/2022 8:10:00 AM	6/7/2022 2:06:00 AM	Bis(2-chloroisopropyl)ether	n/a	<	0.38	µg/L	EPA 625.1	0.38	1	WKL	
MO-FIL	2021/22-4	Dry	5/17/2022 8:10:00 AM	5/31/2022 8:43:00 PM	Bis(2-ethylhexyl)adipate	n/a	<	0.42	µg/L	EPA 525.2	0.42	5	WKL	
MO-FIL	2021/22-4	Dry	5/17/2022 8:10:00 AM	5/31/2022 8:43:00 PM	Bis(2-ethylhexyl)phthalate	n/a	<	0.41	µg/L	EPA 525.2	0.41	3	WKL	
MO-FIL	2021/22-4	Dry	5/17/2022 8:10:00 AM	6/7/2022 2:06:00 AM	Bis(2-ethylhexyl)phthalate	n/a	DNQ	3.2	µg/L	EPA 625.1	2.3	5	WKL	UL-MB
MO-FIL	2021/22-4	Dry	5/17/2022 8:10:00 AM	6/7/2022 2:06:00 AM	Butyl benzyl phthalate	n/a	<	0.49	µg/L	EPA 625.1	0.49	1	WKL	
MO-FIL	2021/22-4	Dry	5/17/2022 8:10:00 AM	6/7/2022 2:06:00 AM	Chrysene	n/a	<	0.19	µg/L	EPA 625.1	0.19	1	WKL	
MO-FIL	2021/22-4	Dry	5/17/2022 8:10:00 AM	6/25/2022 10:15:00 AM	Chrysene	n/a	<	0.074	µg/L	EPA 8270C	0.074	0.1	WKL	
MO-FIL	2021/22-4	Dry	5/17/2022 8:10:00 AM	6/25/2022 10:15:00 AM	Dibenz(a,h)anthracene	n/a	DNQ	0.044	µg/L	EPA 8270C	0.036	0.1	WKL	UL-MB
MO-FIL	2021/22-4	Dry	5/17/2022 8:10:00 AM	6/7/2022 2:06:00 AM	Dibenz(a,h)anthracene	n/a	<	0.15	µg/L	EPA 625.1	0.15	2	WKL	
MO-FIL	2021/22-4	Dry	5/17/2022 8:10:00 AM	6/7/2022 2:06:00 AM	Diethyl phthalate	n/a	<	0.35	µg/L	EPA 625.1	0.35	1	WKL	
MO-FIL	2021/22-4	Dry	5/17/2022 8:10:00 AM	6/7/2022 2:06:00 AM	Dimethyl phthalate	n/a	<	0.18	µg/L	EPA 625.1	0.18	1	WKL	
MO-FIL	2021/22-4	Dry	5/17/2022 8:10:00 AM	6/7/2022 2:06:00 AM	Di-n-butylphthalate	n/a	<	0.34	µg/L	EPA 625.1	0.34	1	WKL	
MO-FIL	2021/22-4	Dry	5/17/2022 8:10:00 AM	6/7/2022 2:06:00 AM	Di-n-octylphthalate	n/a	<	0.46	µg/L	EPA 625.1	0.46	1	WKL	
MO-FIL	2021/22-4	Dry	5/17/2022 8:10:00 AM	6/7/2022 2:06:00 AM	Fluoranthene	n/a	<	0.35	µg/L	EPA 625.1	0.35	1	WKL	
MO-FIL	2021/22-4	Dry	5/17/2022 8:10:00 AM	6/25/2022 10:15:00 AM	Fluoranthene	n/a	<	0.039	µg/L	EPA 8270C	0.039	0.1	WKL	
MO-FIL	2021/22-4	Dry	5/17/2022 8:10:00 AM	6/7/2022 2:06:00 AM	Fluorene	n/a	<	0.35	µg/L	EPA 625.1	0.35	1	WKL	
MO-FIL	2021/22-4	Dry	5/17/2022 8:10:00 AM	6/25/2022 10:15:00 AM	Fluorene	n/a	<	0.029	µg/L	EPA 8270C	0.029	0.1	WKL	
MO-FIL	2021/22-4	Dry	5/17/2022 8:10:00 AM	6/7/2022 2:06:00 AM	Hexachlorobenzene	n/a	<	0.49	µg/L	EPA 625.1	0.49	1	WKL	
MO-FIL	2021/22-4	Dry	5/17/2022 8:10:00 AM	6/7/2022 2:06:00 AM	Hexachlorobutadiene	n/a	<	0.47	µg/L	EPA 625.1	0.47	1	WKL	
MO-FIL	2021/22-4	Dry	5/17/2022 8:10:00 AM	6/7/2022 2:06:00 AM	Hexachlorocyclopentadiene	n/a	<	0.31	µg/L	EPA 625.1	0.31	5	WKL	
MO-FIL	2021/22-4	Dry	5/17/2022 8:10:00 AM	5/31/2022 8:43:00 PM	Hexachlorocyclopentadiene	n/a	<	0.092	µg/L	EPA 525.2	0.092	1	WKL	
MO-FIL	2021/22-4	Dry	5/17/2022 8:10:00 AM	6/7/2022 2:06:00 AM	Hexachloroethane	n/a	<	0.5	µg/L	EPA 625.1	0.5	1	WKL	
MO-FIL	2021/22-4	Dry	5/17/2022 8:10:00 AM	6/7/2022 2:06:00 AM	Indeno(1,2,3-cd)pyrene	n/a	<	0.25	µg/L	EPA 625.1	0.25	2	WKL	
MO-FIL	2021/22-4	Dry	5/17/2022 8:10:00 AM	6/25/2022 10:15:00 AM	Indeno(1,2,3-cd)pyrene	n/a	<	0.065	µg/L	EPA 8270C	0.065	0.1	WKL	
MO-FIL	2021/22-4	Dry	5/17/2022 8:10:00 AM	6/7/2022 2:06:00 AM	Isophorone	n/a	<	0.21	µg/L	EPA 625.1	0.21	1	WKL	
MO-FIL	2021/22-4	Dry	5/17/2022 8:10:00 AM	6/25/2022 10:15:00 AM	Naphthalene	n/a	<	0.026	µg/L	EPA 8270C	0.026	0.1	WKL	
MO-FIL	2021/22-4	Dry	5/17/2022 8:10:00 AM	6/7/2022 2:06:00 AM	Naphthalene	n/a	<	0.49	µg/L	EPA 625.1	0.49	1	WKL	
MO-FIL	2021/22-4	Dry	5/17/2022 8:10:00 AM	6/7/2022 2:06:00 AM	Nitrobenzene	n/a	<	0.36	µg/L	EPA 625.1	0.36	1	WKL	
MO-FIL	2021/22-4	Dry	5/17/2022 8:10:00 AM	6/7/2022 2:06:00 AM	N-Nitrosodimethylamine	n/a	<	0.5	µg/L	EPA 625.1	0.5	1	WKL	
MO-FIL	2021/22-4	Dry	5/17/2022 8:10:00 AM	6/7/2022 2:06:00 AM	N-Nitrosodi-N-propylamine	n/a	<	0.26	µg/L	EPA 625.1	0.26	1	WKL	
MO-FIL	2021/22-4	Dry	5/17/2022 8:10:00 AM	6/7/2022 2:06:00 AM	N-Nitrosodiphenylamine	n/a	<	0.19	µg/L	EPA 625.1	0.19	1	WKL	
MO-FIL	2021/22-4	Dry	5/17/2022 8:10:00 AM	6/7/2022 2:06:00 AM	Phenanthrene	n/a	<	0.32	µg/L	EPA 625.1	0.32	1	WKL	
MO-FIL	2021/22-4	Dry	5/17/2022 8:10:00 AM	6/25/2022 10:15:00 AM	Phenanthrene	n/a	<	0.029	µg/L	EPA 8270C	0.029	0.1	WKL	
MO-FIL	2021/22-4	Dry	5/17/2022 8:10:00 AM	6/7/2022 2:06:00 AM	Phenol	n/a	<	0.81	µg/L	EPA 625.1	0.81	1	WKL	
MO-FIL	2021/22-4	Dry	5/17/2022 8:10:00 AM	6/24/2022 6:21:00 AM	Phenol	n/a	<	0.35	µg/L	EPA 8270C	0.35	1	WKL	
MO-FIL	2021/22-4	Dry	5/17/2022 8:10:00 AM	6/7/2022 2:06:00 AM	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
MO-FIL	2021/22-4	Dry	5/17/2022 8:10:00 AM	6/25/2022 10:15:00 AM	Pyrene	n/a	<	0.04	µg/L	EPA 8270C	0.04	0.1	WKL	
MO-FIL	2021/22-4	Dry	5/17/2022 8:10:00 AM	6/11/2022 3:30:00 PM	PCB Aroclor 1016	n/a	<	0.5	µg/L	EPA 608.3	0.5	0.5	WKL	EST-HT, CK
MO-FIL	2021/22-4	Dry	5/17/2022 8:10:00 AM	6/11/2022 3:30:00 PM	PCB Aroclor 1221	n/a	<	0.5	µg/L	EPA 608.3	0.5	0.5	WKL	EST-HT, CK
MO-FIL	2021/22-4	Dry	5/17/2022 8:10:00 AM	6/11/2022 3:30:00 PM	PCB Aroclor 1232	n/a	<	0.5	µg/L	EPA 608.3	0.5	0.5	WKL	EST-HT, CK
MO-FIL	2021/22-4	Dry	5/17/2022 8:10:00 AM	6/11/2022 3:30:00 PM	PCB Aroclor 1242	n/a	<	0.5	µg/L	EPA 608.3	0.5	0.5	WKL	EST-HT, CK
MO-FIL	2021/22-4	Dry	5/17/2022 8:10:00 AM	6/11/2022 3:30:00 PM	PCB Aroclor 1248	n/a	<	0.5	µg/L	EPA 608.3	0.5	0.5	WKL	EST-HT, CK
MO-FIL	2021/22-4	Dry	5/17/2022 8:10:00 AM	6/11/2022 3:30:00 PM	PCB Aroclor 1254	n/a	<	0.5	µg/L	EPA 608.3	0.5	0.5	WKL	EST-HT, CK
MO-FIL	2021/22-4	Dry	5/17/2022 8:10:00 AM	6/11/2022 3:30:00 PM	PCB Aroclor 1260	n/a	<	0.5	µg/L	EPA 608.3	0.5	0.5	WKL	EST-HT, CK
MO-FIL	2021/22-4	Dry	5/17/2022 8:10:00 AM	5/28/2022 6:24:00 PM	2,4,5-T	n/a	<	0.03	µg/L	EPA 515.4	0.03	0.2	WKL	
MO-FIL	2021/22-4	Dry	5/17/2022 8:10:00 AM	5/28/2022 6:24:00 PM	2,4,5-TP	n/a	<	0.026	µg/L	EPA 515.4	0.026	0.2	WKL	
MO-FIL	2021/22-4	Dry	5/17/2022 8:10:00 AM	5/28/2022 6:24:00 PM	2,4-D	n/a	=	4.3	µg/L	EPA 515.4	0.14	0.4	WKL	
MO-FIL	2021/22-4	Dry	5/17/2022 8:10:00 AM	5/28/2022 6:24:00 PM	2,4-DB	n/a	<	0.19	µg/L	EPA 515.4	0.19	2	WKL	
MO-FIL	2021/22-4	Dry	5/17/2022 8:10:00 AM	5/28/2022 6:24:00 PM	3,5-Dichlorobenzoic acid	n/a	<	0.12	µg/L	EPA 515.4	0.12	1	WKL	
MO-FIL	2021/22-4	Dry	5/17/2022 8:10:00 AM	6/11/2022 3:30:00 PM	4,4'-DDD	n/a	<	0.0007	µg/L	EPA 608.3	0.0007	0.05	WKL	EST-HT, CK
MO-FIL	2021/22-4	Dry	5/17/2022 8:10:00 AM	6/11/2022 3:30:00 PM	4,4'-DDE	n/a	<	0.0007	µg/L	EPA 608.3	0.0007	0.05	WKL	EST-HT, CK
MO-FIL	2021/22-4	Dry	5/17/2022 8:10:00 AM	6/11/2022 3:30:00 PM	4,4'-DDT	n/a	<	0.0011	µg/L	EPA 608.3	0.0011	0.01	WKL	EST-HT, CK
MO-FIL	2021/22-4	Dry	5/17/2022 8:10:00 AM	5/28/2022 6:24:00 PM	Acifluorfen	n/a	<	0.03	µg/L	EPA 515.4	0.03	0.4	WKL	
MO-FIL	2021/22-4	Dry	5/17/2022 8:10:00 AM	5/31/2022 8:43:00 PM	Alachlor	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1	WKL	
MO-FIL	2021/22-4	Dry	5/17/2022 8:10:00 AM	6/11/2022 3:30:00 PM	Aldrin	n/a	<	0.001	µg/L	EPA 608.3	0.001	0.005	WKL	EST-HT, CK
MO-FIL	2021/22-4	Dry	5/17/2022 8:10:00 AM	6/11/2022 3:30:00 PM	alpha-BHC	n/a	<	0.0011	µg/L	EPA 608.3	0.0011	0.01	WKL	EST-HT, CK
MO-FIL	2021/22-4	Dry	5/17/2022 8:10:00 AM	6/11/2022 3:30:00 PM	alpha-Chlordane	n/a	<	0.0029	µg/L	EPA 608.3	0.0029	0.01	WKL	EST-HT, CK
MO-FIL	2021/22-4	Dry	5/17/2022 8:10:00 AM	5/31/2022 8:43:00 PM	Atrazine	n/a	<	0.011	µg/L	EPA 525.2	0.011	0.1	WKL	
MO-FIL	2021/22-4	Dry	5/17/2022 8:10:00 AM	6/2/2022 2:17:00 AM	Azinphos methyl	n/a	<	0.0053	µg/L	EPA 625.1m	0.0053	0.01	WKL	
MO-FIL	2021/22-4	Dry	5/17/2022 8:10:00 AM	5/28/2022 6:24:00 PM	Bentazon	n/a	<	0.23	µg/L	EPA 515.4	0.23	2	WKL	
MO-FIL	2021/22-4	Dry	5/17/2022 8:10:00 AM	6/11/2022 3:30:00 PM	beta-BHC	n/a	<	0.0015	µg/L	EPA 608.3	0.0015	0.005	WKL	EST-HT, CK
MO-FIL	2021/22-4	Dry	5/17/2022 8:10:00 AM	6/2/2022 2:17:00 AM	Bolstar	n/a	<	0.0027	µg/L	EPA 625.1m	0.0027	0.01	WKL	
MO-FIL	2021/22-4	Dry	5/17/2022 8:10:00 AM	5/31/2022 8:43:00 PM	Bromacil	n/a	<	0.07	µg/L	EPA 525.2	0.07	0.5	WKL	
MO-FIL	2021/22-4	Dry	5/17/2022 8:10:00 AM	5/31/2022 8:43:00 PM	Butachlor	n/a	<	0.012	µg/L	EPA 525.2	0.012	0.1	WKL	
MO-FIL	2021/22-4	Dry	5/17/2022 8:10:00 AM	5/31/2022 8:43:00 PM	Captan	n/a	<	0.32	µg/L	EPA 525.2	0.32	1	WKL	
MO-FIL	2021/22-4	Dry	5/17/2022 8:10:00 AM	6/11/2022 3:30:00 PM	Chlordane (technical)	n/a	<	0.1	µg/L	EPA 608.3	0.1	0.1	WKL	EST-HT, CK
MO-FIL	2021/22-4	Dry	5/17/2022 8:10:00 AM	5/31/2022 8:43:00 PM	Chlorpropham	n/a	<	0.04	µg/L	EPA 525.2	0.04	0.1	WKL	
MO-FIL	2021/22-4	Dry	5/17/2022 8:10:00 AM	6/2/2022 2:17:00 AM	Chlorpyrifos	n/a	<	0.0013	µg/L	EPA 625.1m	0.0013	0.01	WKL	
MO-FIL	2021/22-4	Dry	5/17/2022 8:10:00 AM	6/2/2022 2:17:00 AM	Coumaphos	n/a	<	0.0055	µg/L	EPA 625.1m	0.0055	0.01	WKL	
MO-FIL	2021/22-4	Dry	5/17/2022 8:10:00 AM	5/28/2022 6:24:00 PM	Dalapon	n/a	<	0.11	µg/L	EPA 515.4	0.11	0.4	WKL	
MO-FIL	2021/22-4	Dry	5/17/2022 8:10:00 AM	5/28/2022 6:24:00 PM	DCPA (Daacthal)	n/a	<	0.029	µg/L	EPA 515.4	0.029	0.1	WKL	
MO-FIL	2021/22-4	Dry	5/17/2022 8:10:00 AM	6/11/2022 3:30:00 PM	delta-BHC	n/a	<	0.0019	µg/L	EPA 608.3	0.0019	0.005	WKL	EST-HT, CK
MO-FIL	2021/22-4	Dry	5/17/2022 8:10:00 AM	6/2/2022 2:17:00 AM	Demeton-O	n/a	<	0.0019	µg/L	EPA 625.1m	0.0019	0.01	WKL	
MO-FIL	2021/22-4	Dry	5/17/2022 8:10:00 AM	6/2/2022 2:17:00 AM	Demeton-S	n/a	<	0.0014	µg/L	EPA 625.1m	0.0014	0.01	WKL	LB-LCSR
MO-FIL	2021/22-4	Dry	5/17/2022 8:10:00 AM	5/31/2022 8:43:00 PM	Diazinon	n/a	<	0.022	µg/L	EPA 525.2	0.022	0.1	WKL	
MO-FIL	2021/22-4	Dry	5/17/2022 8:10:00 AM	6/2/2022 2:17:00 AM	Diazinon	n/a	<	0.001	µg/L	EPA 625.1m	0.001	0.01	WKL	LB-LCSR
MO-FIL	2021/22-4	Dry	5/17/2022 8:10:00 AM	5/28/2022 6:24:00 PM	Dicamba	n/a	DNQ	0.18	µg/L	EPA 515.4	0.049	0.6	WKL	
MO-FIL	2021/22-4	Dry	5/17/2022 8:10:00 AM	5/28/2022 6:24:00 PM	Dichlorprop	n/a	<	0.12	µg/L	EPA 515.4	0.12	0.3	WKL	
MO-FIL	2021/22-4	Dry	5/17/2022 8:10:00 AM	6/2/2022 2:17:00 AM	Dichlorvos	n/a	<	0.0009	µg/L	EPA 625.1m	0.0009	0.01	WKL	
MO-FIL	2021/22-4	Dry	5/17/2022 8:10:00 AM	6/11/2022 3:30:00 PM	Dieldrin	n/a	<	0.0008	µg/L	EPA 608.3	0.0008	0.01	WKL	EST-HT, CK
MO-FIL	2021/22-4	Dry	5/17/2022 8:10:00 AM	5/31/2022 8:43:00 PM	Dimethoate	n/a	<	0.02	µg/L	EPA 525.2	0.02	0.2	WKL	
MO-FIL	2021/22-4	Dry	5/17/2022 8:10:00 AM	6/2/2022 2:17:00 AM	Dimethoate	n/a	<	0.0027	µg/L	EPA 625.1m	0.0027	0.01	WKL	
MO-FIL	2021/22-4	Dry	5/17/2022 8:10:00 AM	5/28/2022 6:24:00 PM	Dinoseb	n/a	<	0.033	µg/L	EPA 515.4	0.033	0.4	WKL	
MO-FIL	2021/22-4	Dry	5/17/2022 8:10:00 AM	5/31/2022 8:43:00 PM	Diphenamid	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-FIL	2021/22-4	Dry	5/17/2022 8:10:00 AM	5/31/2022 8:43:00 PM	Disulfoton	n/a	<	0.015	µg/L	EPA 525.2	0.015	0.1	WKL	
MO-FIL	2021/22-4	Dry	5/17/2022 8:10:00 AM	6/2/2022 2:17:00 AM	Disulfoton	n/a	<	0.0017	µg/L	EPA 625.1m	0.0017	0.01	WKL	
MO-FIL	2021/22-4	Dry	5/17/2022 8:10:00 AM	6/11/2022 3:30:00 PM	Endosulfan I	n/a	<	0.0009	µg/L	EPA 608.3	0.0009	0.02	WKL	EST-HT, LB-LC
MO-FIL	2021/22-4	Dry	5/17/2022 8:10:00 AM	6/11/2022 3:30:00 PM	Endosulfan II	n/a	<	0.0007	µg/L	EPA 608.3	0.0007	0.01	WKL	EST-HT, CK
MO-FIL	2021/22-4	Dry	5/17/2022 8:10:00 AM	6/11/2022 3:30:00 PM	Endosulfan sulfate	n/a	<	0.0013	µg/L	EPA 608.3	0.0013	0.05	WKL	EST-HT, CK
MO-FIL	2021/22-4	Dry	5/17/2022 8:10:00 AM	6/11/2022 3:30:00 PM	Endrin	n/a	<	0.0017	µg/L	EPA 608.3	0.0017	0.01	WKL	EST-HT, CK
MO-FIL	2021/22-4	Dry	5/17/2022 8:10:00 AM	6/11/2022 3:30:00 PM	Endrin aldehyde	n/a	<	0.0019	µg/L	EPA 608.3	0.0019	0.01	WKL	EST-HT, CK
MO-FIL	2021/22-4	Dry	5/17/2022 8:10:00 AM	5/31/2022 8:43:00 PM	EPTC	n/a	<	0.02	µg/L	EPA 525.2	0.02	0.1	WKL	
MO-FIL	2021/22-4	Dry	5/17/2022 8:10:00 AM	6/2/2022 2:17:00 AM	Ethoprop	n/a	<	0.0006	µg/L	EPA 625.1m	0.0006	0.01	WKL	
MO-FIL	2021/22-4	Dry	5/17/2022 8:10:00 AM	6/2/2022 2:17:00 AM	Ethyl parathion	n/a	<	0.0022	µg/L	EPA 625.1m	0.0022	0.01	WKL	
MO-FIL	2021/22-4	Dry	5/17/2022 8:10:00 AM	6/2/2022 2:17:00 AM	Fensulfothion	n/a	<	0.0029	µg/L	EPA 625.1m	0.0029	0.01	WKL	
MO-FIL	2021/22-4	Dry	5/17/2022 8:10:00 AM	6/2/2022 2:17:00 AM	Fenthion	n/a	<	0.0021	µg/L	EPA 625.1m	0.0021	0.01	WKL	
MO-FIL	2021/22-4	Dry	5/17/2022 8:10:00 AM	6/11/2022 3:30:00 PM	gamma-BHC (Lindane)	n/a	<	0.0004	µg/L	EPA 608.3	0.0004	0.02	WKL	EST-HT, CK
MO-FIL	2021/22-4	Dry	5/17/2022 8:10:00 AM	6/11/2022 3:30:00 PM	gamma-Chlordane	n/a	<	0.0023	µg/L	EPA 608.3	0.0023	0.01	WKL	EST-HT, CK
MO-FIL	2021/22-4	Dry	5/17/2022 8:10:00 AM	5/18/2022 12:38:00 AM	Glyphosate	n/a	DNQ	3.5	µg/L	EPA 547	1.8	5	WKL	
MO-FIL	2021/22-4	Dry	5/17/2022 8:10:00 AM	6/11/2022 3:30:00 PM	Heptachlor	n/a	<	0.0006	µg/L	EPA 608.3	0.0006	0.01	WKL	EST-HT, CK
MO-FIL	2021/22-4	Dry	5/17/2022 8:10:00 AM	6/11/2022 3:30:00 PM	Heptachlor epoxide	n/a	<	0.0004	µg/L	EPA 608.3	0.0004	0.01	WKL	EST-HT, CK
MO-FIL	2021/22-4	Dry	5/17/2022 8:10:00 AM	6/2/2022 2:17:00 AM	Malathion	n/a	<	0.0021	µg/L	EPA 625.1m	0.0021	0.01	WKL	
MO-FIL	2021/22-4	Dry	5/17/2022 8:10:00 AM	6/2/2022 2:17:00 AM	Merphos	n/a	<	0.0055	µg/L	EPA 625.1m	0.0055	0.01	WKL	
MO-FIL	2021/22-4	Dry	5/17/2022 8:10:00 AM	6/2/2022 2:17:00 AM	Methyl parathion	n/a	<	0.0013	µg/L	EPA 625.1m	0.0013	0.01	WKL	
MO-FIL	2021/22-4	Dry	5/17/2022 8:10:00 AM	5/31/2022 8:43:00 PM	Metolachlor	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1	WKL	
MO-FIL	2021/22-4	Dry	5/17/2022 8:10:00 AM	5/31/2022 8:43:00 PM	Metribuzin	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1	WKL	
MO-FIL	2021/22-4	Dry	5/17/2022 8:10:00 AM	6/2/2022 2:17:00 AM	Mevinphos	n/a	<	0.0013	µg/L	EPA 625.1m	0.0013	0.01	WKL	
MO-FIL	2021/22-4	Dry	5/17/2022 8:10:00 AM	5/31/2022 8:43:00 PM	Molinate	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1	WKL	
MO-FIL	2021/22-4	Dry	5/17/2022 8:10:00 AM	6/2/2022 2:17:00 AM	Naled	n/a	<	0.0007	µg/L	EPA 625.1m	0.0007	0.01	WKL	
MO-FIL	2021/22-4	Dry	5/17/2022 8:10:00 AM	6/7/2022 2:06:00 AM	Pentachlorophenol	n/a	<	0.4	µg/L	EPA 625.1	0.4	1	WKL	
MO-FIL	2021/22-4	Dry	5/17/2022 8:10:00 AM	5/28/2022 6:24:00 PM	Pentachlorophenol	n/a	<	0.046	µg/L	EPA 515.4	0.046	0.2	WKL	
MO-FIL	2021/22-4	Dry	5/17/2022 8:10:00 AM	6/24/2022 6:21:00 AM	Pentachlorophenol	n/a	<	0.15	µg/L	EPA 8270C	0.15	1	WKL	
MO-FIL	2021/22-4	Dry	5/17/2022 8:10:00 AM	6/2/2022 2:17:00 AM	Phorate	n/a	<	0.0014	µg/L	EPA 625.1m	0.0014	0.01	WKL	
MO-FIL	2021/22-4	Dry	5/17/2022 8:10:00 AM	5/28/2022 6:24:00 PM	Picloram	n/a	<	0.05	µg/L	EPA 515.4	0.05	0.6	WKL	
MO-FIL	2021/22-4	Dry	5/17/2022 8:10:00 AM	5/31/2022 8:43:00 PM	Prometryn	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1	WKL	
MO-FIL	2021/22-4	Dry	5/17/2022 8:10:00 AM	6/2/2022 2:17:00 AM	Ronnel (Fenchlorphos)	n/a	<	0.0014	µg/L	EPA 625.1m	0.0014	0.01	WKL	
MO-FIL	2021/22-4	Dry	5/17/2022 8:10:00 AM	5/31/2022 8:43:00 PM	Simazine	n/a	<	0.02	µg/L	EPA 525.2	0.02	0.1	WKL	
MO-FIL	2021/22-4	Dry	5/17/2022 8:10:00 AM	6/2/2022 2:17:00 AM	Stirophos (Tetrachlorvinphos)	n/a	<	0.0024	µg/L	EPA 625.1m	0.0024	0.01	WKL	
MO-FIL	2021/22-4	Dry	5/17/2022 8:10:00 AM	5/31/2022 8:43:00 PM	Terbacil	n/a	<	0.09	µg/L	EPA 525.2	0.09	2	WKL	
MO-FIL	2021/22-4	Dry	5/17/2022 8:10:00 AM	5/31/2022 8:43:00 PM	Thiobencarb	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1	WKL	
MO-FIL	2021/22-4	Dry	5/17/2022 8:10:00 AM	6/2/2022 2:17:00 AM	Tokuthion	n/a	<	0.0022	µg/L	EPA 625.1m	0.0022	0.01	WKL	
MO-FIL	2021/22-4	Dry	5/17/2022 8:10:00 AM	6/11/2022 3:30:00 PM	Toxaphene	n/a	<	0.25	µg/L	EPA 608.3	0.25	0.5	WKL	EST-HT
MO-FIL	2021/22-4	Dry	5/17/2022 8:10:00 AM	6/2/2022 2:17:00 AM	Trichloronate	n/a	<	0.0016	µg/L	EPA 625.1m	0.0016	0.01	WKL	
MO-FIL	2021/22-4	Dry	5/17/2022 8:10:00 AM	5/31/2022 8:43:00 PM	Trithion	n/a	<	0.02	µg/L	EPA 525.2	0.02	0.1	WKL	
MO-FIL	2021/22-4	Dry	5/17/2022 8:15:00 AM	5/18/2022 2:30:00 PM	E. Coli	n/a	=	345	MPN/100 mL	MMO-MUG	10	10	VCHCA	
MO-FIL	2021/22-4	Dry	5/17/2022 8:15:00 AM	5/18/2022 3:30:00 PM	Total Coliform	n/a	=	36540	MPN/100 mL	MMO-MUG	100	100	VCHCA	
MO-FIL	2021/22-4	Dry	5/17/2022 8:15:00 AM	5/17/2022 8:15:00 AM	Conductivity	n/a	=	1164	µmhos/cm	Field Meter	-88	1	Field Crew	
MO-FIL	2021/22-4	Dry	5/17/2022 8:15:00 AM	5/25/2022 1:18:00 PM	Cyanide	Total	<	0.0012	mg/L	ASTM D7511	0.0012	0.002	WKL	
MO-FIL	2021/22-4	Dry	5/17/2022 8:15:00 AM	5/17/2022 8:15:00 AM	DO	n/a	=	9.96	mg/L	Field Meter	-88	0.3	Field Crew	
MO-FIL	2021/22-4	Dry	5/17/2022 8:15:00 AM	5/17/2022 8:15:00 AM	DO	n/a	=	101.4	%	Field Meter	-88	0.1	Field Crew	
MO-FIL	2021/22-4	Dry	5/17/2022 8:15:00 AM	5/17/2022 8:15:00 AM	pH	n/a	=	8.35	pH Units	Field Meter	-88	0.01	Field Crew	
MO-FIL	2021/22-4	Dry	5/17/2022 8:15:00 AM	5/17/2022 8:15:00 AM	Salinity	n/a	=	700	mg/L	Field Meter	-88	100	Field Crew	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-FIL	2021/22-4	Dry	5/17/2022 8:15:00 AM	5/17/2022 8:15:00 AM	Specific Conductance	n/a	=	1410	µmhos/cm	Field Meter	-88	1	Field Crew	
MO-FIL	2021/22-4	Dry	5/17/2022 8:15:00 AM	5/17/2022 8:15:00 AM	Temperature	n/a	=	16.5	°C	Field Meter	-88	0.1	Field Crew	
MO-FIL	2021/22-4	Dry	5/17/2022 8:15:00 AM	5/24/2022 7:04:00 PM	Gasoline Range Organics	n/a	DNQ	0.071	mg/L	EPA 8260B	0.065	0.1	WKL	
MO-FIL	2021/22-4	Dry	5/17/2022 8:15:00 AM	5/26/2022 9:29:00 AM	Oil and Grease	n/a	DNQ	1.1	mg/L	EPA 1664B	0.6	4	WKL	
MO-FIL	2022-DRY	Dry	8/2/2022 10:20:00 AM	8/3/2022 3:30:00 PM	E. Coli	n/a	=	290	MPN/100 mL	MMO-MUG	10	10	VCHCA	
MO-FIL	2022-DRY	Dry	8/2/2022 10:20:00 AM	8/3/2022 3:30:00 PM	Total Coliform	n/a	=	24196	MPN/100 mL	MMO-MUG	10	10	VCHCA	
MO-FIL	2022-DRY	Dry	8/2/2022 10:20:00 AM	8/11/2022 7:33:00 PM	Calcium	Total	=	182	mg/L	EPA 200.7	0.0234	0.5	WKL	
MO-FIL	2022-DRY	Dry	8/2/2022 10:20:00 AM	8/11/2022 7:33:00 PM	Magnesium	Total	=	55.8	mg/L	EPA 200.7	0.039	0.5	WKL	
MO-FIL	2022-DRY	Dry	8/2/2022 10:20:00 AM	8/2/2022 10:20:00 AM	Conductivity	n/a	=	1692	µmhos/cm	Field Meter	-88	1	Field Crew	
MO-FIL	2022-DRY	Dry	8/2/2022 10:20:00 AM	8/2/2022 10:20:00 AM	Discharge	n/a	=	0.05	cfs	Field Estimate	-88	-88	Field Crew	
MO-FIL	2022-DRY	Dry	8/2/2022 10:20:00 AM	8/2/2022 10:20:00 AM	DO	n/a	=	13.95	mg/L	Field Meter	-88	0.3	Field Crew	
MO-FIL	2022-DRY	Dry	8/2/2022 10:20:00 AM	8/2/2022 10:20:00 AM	DO	n/a	=	164	%	Field Meter	-88	0.1	Field Crew	
MO-FIL	2022-DRY	Dry	8/2/2022 10:20:00 AM	8/11/2022 7:33:00 PM	Hardness as CaCO3	Total	=	683	mg/L	EPA 200.7	0.219	3.31	WKL	
MO-FIL	2022-DRY	Dry	8/2/2022 10:20:00 AM	8/2/2022 10:20:00 AM	pH	n/a	=	8.41	pH Units	Field Meter	-88	0.01	Field Crew	
MO-FIL	2022-DRY	Dry	8/2/2022 10:20:00 AM	8/2/2022 10:20:00 AM	Salinity	n/a	=	800	mg/L	Field Meter	-88	100	Field Crew	
MO-FIL	2022-DRY	Dry	8/2/2022 10:20:00 AM	8/2/2022 10:20:00 AM	Specific Conductance	n/a	=	1662	µmhos/cm	Field Meter	-88	1	Field Crew	
MO-FIL	2022-DRY	Dry	8/2/2022 10:20:00 AM	8/2/2022 10:20:00 AM	Temperature	n/a	=	26.2	°C	Field Meter	-88	0.1	Field Crew	
MO-FIL	2022-DRY	Dry	8/2/2022 10:20:00 AM	8/13/2022 7:28:00 AM	Total Organic Carbon	n/a	=	4	mg/L	SM 5310 B	0.19	0.3	WKL	
MO-FIL	2022-DRY	Dry	8/2/2022 10:20:00 AM	8/2/2022 10:20:00 AM	Turbidity	n/a	=	5.31	NTU	Field Meter	-88	0.01	Field Crew	
MO-FIL	2022-DRY	Dry	8/2/2022 10:20:00 AM	8/9/2022 7:15:00 PM	Copper	Dissolved	=	3.7	µg/L	EPA 200.8	0.23	0.5	WKL	
MO-FIL	2022-DRY	Dry	8/2/2022 10:20:00 AM	8/9/2022 7:15:00 PM	Lead	Dissolved	<	0.083	µg/L	EPA 200.8	0.083	0.2	WKL	
MO-FIL	2022-DRY	Dry	8/2/2022 10:20:00 AM	8/9/2022 7:15:00 PM	Zinc	Dissolved	DNQ	8.9	µg/L	EPA 200.8	0.8	10	WKL	UL-MB
MO-HUE	2021/22-1	Wet	10/25/2021 2:15:00 PM	10/26/2021 11:49:00 AM	E. Coli	n/a	=	61310	MPN/100 mL	MMO-MUG	100	100	FGL	
MO-HUE	2021/22-1	Wet	10/25/2021 2:15:00 PM	10/26/2021 11:49:00 AM	Total Coliform	n/a	=	547500	MPN/100 mL	MMO-MUG	1000	1000	FGL	
MO-HUE	2021/22-1	Wet	10/25/2021 2:15:00 PM	10/25/2021 2:15:00 PM	Conductivity	n/a	=	728	µmhos/cm	Field Meter	-88	1	Field Crew	
MO-HUE	2021/22-1	Wet	10/25/2021 2:15:00 PM	10/28/2021 5:00:00 PM	Cyanide	Total	=	0.045	mg/L	ASTM D7511	0.006	0.01	WKL	
MO-HUE	2021/22-1	Wet	10/25/2021 2:15:00 PM	10/25/2021 2:15:00 PM	DO	n/a	=	53.6	%	Field Meter	-88	0.1	Field Crew	
MO-HUE	2021/22-1	Wet	10/25/2021 2:15:00 PM	10/25/2021 2:15:00 PM	DO	n/a	=	5.32	mg/L	Field Meter	-88	0.3	Field Crew	
MO-HUE	2021/22-1	Wet	10/25/2021 2:15:00 PM	10/25/2021 2:15:00 PM	pH	n/a	=	7.52	pH Units	Field Meter	-88	0.01	Field Crew	
MO-HUE	2021/22-1	Wet	10/25/2021 2:15:00 PM	10/25/2021 2:15:00 PM	Salinity	n/a	=	400	mg/L	Field Meter	-88	100	Field Crew	
MO-HUE	2021/22-1	Wet	10/25/2021 2:15:00 PM	10/25/2021 2:15:00 PM	Specific Conductance	n/a	=	853	µmhos/cm	Field Meter	-88	1	Field Crew	
MO-HUE	2021/22-1	Wet	10/25/2021 2:15:00 PM	10/25/2021 2:15:00 PM	Temperature	n/a	=	17.3	°C	Field Meter	-88	0.1	Field Crew	
MO-HUE	2021/22-1	Wet	10/25/2021 2:15:00 PM	10/29/2021 2:08:00 PM	Gasoline Range Organics	n/a	<	0.065	mg/L	EPA 8260B	0.065	0.1	WKL	
MO-HUE	2021/22-1	Wet	10/25/2021 2:15:00 PM	11/15/2021 5:14:00 PM	Oil and Grease	n/a	DNQ	1.7	mg/L	EPA 1664B	1.3	5	WKL	
MO-HUE	2021/22-1	Wet	10/25/2021 2:15:00 PM	10/28/2021 3:03:00 PM	2-Chloroethyl vinyl ether	n/a	<	0.95	µg/L	EPA 624.1	0.95	5	WKL	DG
MO-HUE	2021/22-1	Wet	10/25/2021 2:15:00 PM	10/28/2021 3:03:00 PM	Methyl tert-butyl ether (MTBE)	n/a	<	2	µg/L	EPA 624.1	2	5	WKL	DG
MO-HUE	2021/22-1	Wet	10/26/2021 9:30:00 AM	11/13/2021 9:09:00 AM	Chloride	n/a	=	1600	mg/L	EPA 300.0	9.5	25	WKL	
MO-HUE	2021/22-1	Wet	10/26/2021 9:30:00 AM	11/13/2021 9:09:00 AM	Fluoride	n/a	DNQ	0.5	mg/L	EPA 300.0	0.45	5	WKL	
MO-HUE	2021/22-1	Wet	10/26/2021 9:30:00 AM	10/31/2021 3:31:00 AM	Perchlorate	n/a	<	2	µg/L	EPA 314.0	2	10	WKL	
MO-HUE	2021/22-1	Wet	10/26/2021 9:30:00 AM	11/17/2021 8:21:00 PM	Calcium	Total	=	117	mg/L	EPA 200.7	0.16	0.5	WKL	
MO-HUE	2021/22-1	Wet	10/26/2021 9:30:00 AM	11/17/2021 8:21:00 PM	Magnesium	Total	=	114	mg/L	EPA 200.7	0.039	0.5	WKL	
MO-HUE	2021/22-1	Wet	10/26/2021 9:30:00 AM	10/29/2021 6:59:00 PM	Alkalinity as CaCO3	n/a	=	140	mg/L	SM 2320 B	2.3	5	WKL	
MO-HUE	2021/22-1	Wet	10/26/2021 9:30:00 AM	11/1/2021 6:18:00 PM	BOD	n/a	=	11	mg/L	SM 5210 B	2	2	WKL	
MO-HUE	2021/22-1	Wet	10/26/2021 9:30:00 AM	11/10/2021 11:24:00 AM	COD	n/a	=	110	mg/L	EPA 410.4	2.9	5	WKL	
MO-HUE	2021/22-1	Wet	10/26/2021 9:30:00 AM	11/17/2021 8:21:00 PM	Hardness as CaCO3	Total	=	759	mg/L	EPA 200.7	0.56	3.31	WKL	
MO-HUE	2021/22-1	Wet	10/26/2021 9:30:00 AM	10/27/2021 7:40:00 PM	MBAS	n/a	=	0.13	mg/L	SM 5540 C	0.013	0.05	WKL	
MO-HUE	2021/22-1	Wet	10/26/2021 9:30:00 AM	11/9/2021 12:03:00 PM	Phenolics	n/a	=	0.017	mg/L	EPA 420.4	0.0042	0.01	WKL	
MO-HUE	2021/22-1	Wet	10/26/2021 9:30:00 AM	11/3/2021 5:11:00 PM	Specific Conductance	n/a	=	6500	µmhos/cm	SM 2510 B	1.1	2	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-HUE	2021/22-1	Wet	10/26/2021 9:30:00 AM	10/31/2021 1:00:00 PM	Total Dissolved Solids	n/a	=	3000	mg/L	SM 2540 C	4	10	WKL	
MO-HUE	2021/22-1	Wet	10/26/2021 9:30:00 AM	11/5/2021 3:51:00 PM	Total Organic Carbon	n/a	=	12	mg/L	SM 5310 B	0.19	0.3	WKL	
MO-HUE	2021/22-1	Wet	10/26/2021 9:30:00 AM	10/28/2021 7:27:00 PM	Total Suspended Solids	n/a	=	210	mg/L	SM 2540 D	-88	5	WKL	
MO-HUE	2021/22-1	Wet	10/26/2021 9:30:00 AM	10/26/2021 5:21:00 PM	Turbidity	n/a	=	72	NTU	EPA 180.1	0.17	1	WKL	
MO-HUE	2021/22-1	Wet	10/26/2021 9:30:00 AM	10/28/2021 7:07:00 PM	Volatile Suspended Solids	n/a	=	63	mg/L	EPA 160.4	3.1	5	WKL	
MO-HUE	2021/22-1	Wet	10/26/2021 9:30:00 AM	11/19/2021 9:44:00 AM	Diesel Range Organics	n/a	=	0.51	mg/L	EPA 8015B	0.14	0.2	WKL	EST-LCSRPD
MO-HUE	2021/22-1	Wet	10/26/2021 9:30:00 AM	11/19/2021 9:44:00 AM	Oil Range Organics	n/a	<	0.66	mg/L	EPA 8015B	0.66	1	WKL	
MO-HUE	2021/22-1	Wet	10/26/2021 9:30:00 AM	11/12/2021 7:04:00 PM	Aluminum	Dissolved	DNQ	5	µg/L	EPA 200.8	4.4	20	WKL	
MO-HUE	2021/22-1	Wet	10/26/2021 9:30:00 AM	11/12/2021 7:07:00 PM	Aluminum	Total	=	2600	µg/L	EPA 200.8	4.4	20	WKL	
MO-HUE	2021/22-1	Wet	10/26/2021 9:30:00 AM	11/12/2021 7:04:00 PM	Antimony	Dissolved	=	0.81	µg/L	EPA 200.8	0.089	0.5	WKL	
MO-HUE	2021/22-1	Wet	10/26/2021 9:30:00 AM	11/12/2021 7:07:00 PM	Antimony	Total	=	1.4	µg/L	EPA 200.8	0.089	0.5	WKL	
MO-HUE	2021/22-1	Wet	10/26/2021 9:30:00 AM	11/12/2021 7:04:00 PM	Arsenic	Dissolved	DNQ	0.39	µg/L	EPA 200.8	0.074	0.4	WKL	
MO-HUE	2021/22-1	Wet	10/26/2021 9:30:00 AM	11/12/2021 7:07:00 PM	Arsenic	Total	=	3.2	µg/L	EPA 200.8	0.074	0.4	WKL	
MO-HUE	2021/22-1	Wet	10/26/2021 9:30:00 AM	11/12/2021 7:07:00 PM	Barium	Total	=	63	µg/L	EPA 200.8	0.14	1	WKL	
MO-HUE	2021/22-1	Wet	10/26/2021 9:30:00 AM	11/12/2021 7:04:00 PM	Beryllium	Dissolved	<	0.062	µg/L	EPA 200.8	0.062	0.1	WKL	
MO-HUE	2021/22-1	Wet	10/26/2021 9:30:00 AM	11/12/2021 7:07:00 PM	Beryllium	Total	=	0.15	µg/L	EPA 200.8	0.062	0.1	WKL	
MO-HUE	2021/22-1	Wet	10/26/2021 9:30:00 AM	11/12/2021 7:04:00 PM	Cadmium	Dissolved	<	0.042	µg/L	EPA 200.8	0.042	0.2	WKL	
MO-HUE	2021/22-1	Wet	10/26/2021 9:30:00 AM	11/12/2021 7:07:00 PM	Cadmium	Total	=	0.36	µg/L	EPA 200.8	0.042	0.2	WKL	
MO-HUE	2021/22-1	Wet	10/26/2021 9:30:00 AM	11/12/2021 7:04:00 PM	Chromium	Dissolved	DNQ	0.11	µg/L	EPA 200.8	0.089	0.2	WKL	
MO-HUE	2021/22-1	Wet	10/26/2021 9:30:00 AM	11/12/2021 7:07:00 PM	Chromium	Total	=	6.5	µg/L	EPA 200.8	0.089	0.2	WKL	
MO-HUE	2021/22-1	Wet	10/26/2021 9:30:00 AM	11/2/2021 5:43:00 PM	Chromium VI	n/a	<	0.79	µg/L	EPA 218.6	0.79	2	WKL	
MO-HUE	2021/22-1	Wet	10/26/2021 9:30:00 AM	11/12/2021 7:04:00 PM	Copper	Dissolved	=	0.58	µg/L	EPA 200.8	0.23	0.5	WKL	UL-MB
MO-HUE	2021/22-1	Wet	10/26/2021 9:30:00 AM	11/12/2021 7:07:00 PM	Copper	Total	=	17	µg/L	EPA 200.8	0.23	0.5	WKL	
MO-HUE	2021/22-1	Wet	10/26/2021 9:30:00 AM	11/12/2021 7:04:00 PM	Iron	Dissolved	=	95	µg/L	EPA 200.8	3.9	20	WKL	
MO-HUE	2021/22-1	Wet	10/26/2021 9:30:00 AM	11/12/2021 7:07:00 PM	Iron	Total	=	12000	µg/L	EPA 200.8	3.9	20	WKL	
MO-HUE	2021/22-1	Wet	10/26/2021 9:30:00 AM	11/12/2021 7:04:00 PM	Lead	Dissolved	DNQ	0.085	µg/L	EPA 200.8	0.083	0.2	WKL	UL-MB
MO-HUE	2021/22-1	Wet	10/26/2021 9:30:00 AM	11/12/2021 7:07:00 PM	Lead	Total	=	8.3	µg/L	EPA 200.8	0.083	0.2	WKL	
MO-HUE	2021/22-1	Wet	10/26/2021 9:30:00 AM	11/5/2021 4:52:00 PM	Mercury	Dissolved	DNQ	21	ng/L	EPA 245.1	17	50	WKL	UL-MB
MO-HUE	2021/22-1	Wet	10/26/2021 9:30:00 AM	11/5/2021 4:54:00 PM	Mercury	Total	DNQ	41	ng/L	EPA 245.1	17	50	WKL	UL-MB
MO-HUE	2021/22-1	Wet	10/26/2021 9:30:00 AM	11/12/2021 7:04:00 PM	Nickel	Dissolved	=	2	µg/L	EPA 200.8	0.16	2	WKL	
MO-HUE	2021/22-1	Wet	10/26/2021 9:30:00 AM	11/12/2021 7:07:00 PM	Nickel	Total	=	7.1	µg/L	EPA 200.8	0.16	2	WKL	
MO-HUE	2021/22-1	Wet	10/26/2021 9:30:00 AM	11/12/2021 7:04:00 PM	Selenium	Dissolved	DNQ	0.21	µg/L	EPA 200.8	0.067	0.4	WKL	
MO-HUE	2021/22-1	Wet	10/26/2021 9:30:00 AM	11/12/2021 7:07:00 PM	Selenium	Total	=	0.45	µg/L	EPA 200.8	0.067	0.4	WKL	
MO-HUE	2021/22-1	Wet	10/26/2021 9:30:00 AM	11/12/2021 7:04:00 PM	Silver	Dissolved	<	0.03	µg/L	EPA 200.8	0.03	0.2	WKL	
MO-HUE	2021/22-1	Wet	10/26/2021 9:30:00 AM	11/12/2021 7:07:00 PM	Silver	Total	DNQ	0.066	µg/L	EPA 200.8	0.03	0.2	WKL	
MO-HUE	2021/22-1	Wet	10/26/2021 9:30:00 AM	11/12/2021 7:04:00 PM	Thallium	Dissolved	DNQ	0.023	µg/L	EPA 200.8	0.021	0.2	WKL	
MO-HUE	2021/22-1	Wet	10/26/2021 9:30:00 AM	11/12/2021 7:07:00 PM	Thallium	Total	DNQ	0.062	µg/L	EPA 200.8	0.021	0.2	WKL	
MO-HUE	2021/22-1	Wet	10/26/2021 9:30:00 AM	11/12/2021 7:04:00 PM	Zinc	Dissolved	DNQ	5.2	µg/L	EPA 200.8	0.8	10	WKL	UL-MB
MO-HUE	2021/22-1	Wet	10/26/2021 9:30:00 AM	11/12/2021 7:07:00 PM	Zinc	Total	=	120	µg/L	EPA 200.8	0.8	10	WKL	
MO-HUE	2021/22-1	Wet	10/26/2021 9:30:00 AM	10/27/2021 5:01:00 PM	Ammonia as N	n/a	=	0.88	mg/L	EPA 350.1	0.047	0.1	WKL	
MO-HUE	2021/22-1	Wet	10/26/2021 9:30:00 AM	10/28/2021 4:39:00 PM	Nitrate + Nitrite as N	n/a	=	0.29	mg/L	EPA 353.2	0.036	0.2	WKL	
MO-HUE	2021/22-1	Wet	10/26/2021 9:30:00 AM	11/17/2021 8:18:00 PM	Phosphorus as P	Dissolved	<	0.018	mg/L	EPA 200.7	0.018	0.05	WKL	
MO-HUE	2021/22-1	Wet	10/26/2021 9:30:00 AM	11/17/2021 8:21:00 PM	Phosphorus as P	Total	=	0.76	mg/L	EPA 200.7	0.018	0.05	WKL	
MO-HUE	2021/22-1	Wet	10/26/2021 9:30:00 AM	11/9/2021 3:52:00 PM	TKN	n/a	=	4	mg/L	EPA 351.2	0.13	0.2	WKL	
MO-HUE	2021/22-1	Wet	10/26/2021 9:30:00 AM	11/23/2021 1:30:00 AM	1,2,4-Trichlorobenzene	n/a	<	0.98	µg/L	EPA 625.1	0.98	2	WKL	
MO-HUE	2021/22-1	Wet	10/26/2021 9:30:00 AM	11/23/2021 1:30:00 AM	1,2-Dichlorobenzene	n/a	<	0.92	µg/L	EPA 625.1	0.92	2	WKL	
MO-HUE	2021/22-1	Wet	10/26/2021 9:30:00 AM	11/23/2021 1:30:00 AM	1,2-Diphenylhydrazine	n/a	<	0.6	µg/L	EPA 625.1	0.6	2	WKL	
MO-HUE	2021/22-1	Wet	10/26/2021 9:30:00 AM	11/23/2021 1:30:00 AM	1,3-Dichlorobenzene	n/a	<	0.84	µg/L	EPA 625.1	0.84	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	2021/22-1	Wet	10/26/2021 9:30:00 AM	11/23/2021 1:30:00 AM	1,4-Dichlorobenzene	n/a	<	0.96	µg/L	EPA 625.1	0.96	2	WKL	
MO-HUE	2021/22-1	Wet	10/26/2021 9:30:00 AM	11/17/2021 1:32:00 PM	1-Methylnaphthalene	n/a	<	0.048	µg/L	EPA 8270C	0.048	0.2	WKL	
MO-HUE	2021/22-1	Wet	10/26/2021 9:30:00 AM	11/20/2021 1:56:00 AM	2,4,5-Trichlorophenol	n/a	<	0.58	µg/L	EPA 8270C	0.58	2	WKL	
MO-HUE	2021/22-1	Wet	10/26/2021 9:30:00 AM	11/23/2021 1:30:00 AM	2,4,6-Trichlorophenol	n/a	<	0.44	µg/L	EPA 625.1	0.44	2	WKL	
MO-HUE	2021/22-1	Wet	10/26/2021 9:30:00 AM	11/20/2021 1:56:00 AM	2,4,6-Trichlorophenol	n/a	<	0.6	µg/L	EPA 8270C	0.6	2	WKL	
MO-HUE	2021/22-1	Wet	10/26/2021 9:30:00 AM	11/20/2021 1:56:00 AM	2,4-Dichlorophenol	n/a	<	1	µg/L	EPA 8270C	1	2	WKL	
MO-HUE	2021/22-1	Wet	10/26/2021 9:30:00 AM	11/23/2021 1:30:00 AM	2,4-Dichlorophenol	n/a	<	0.52	µg/L	EPA 625.1	0.52	2	WKL	
MO-HUE	2021/22-1	Wet	10/26/2021 9:30:00 AM	11/23/2021 1:30:00 AM	2,4-Dimethylphenol	n/a	<	1.5	µg/L	EPA 625.1	1.5	2	WKL	
MO-HUE	2021/22-1	Wet	10/26/2021 9:30:00 AM	11/20/2021 1:56:00 AM	2,4-Dimethylphenol	n/a	<	2	µg/L	EPA 8270C	2	4	WKL	
MO-HUE	2021/22-1	Wet	10/26/2021 9:30:00 AM	11/23/2021 1:30:00 AM	2,4-Dinitrophenol	n/a	<	3.7	µg/L	EPA 625.1	3.7	20	WKL	
MO-HUE	2021/22-1	Wet	10/26/2021 9:30:00 AM	11/20/2021 1:56:00 AM	2,4-Dinitrophenol	n/a	<	2	µg/L	EPA 8270C	2	4	WKL	
MO-HUE	2021/22-1	Wet	10/26/2021 9:30:00 AM	11/23/2021 1:30:00 AM	2,4-Dinitrotoluene	n/a	<	0.92	µg/L	EPA 625.1	0.92	2	WKL	
MO-HUE	2021/22-1	Wet	10/26/2021 9:30:00 AM	11/23/2021 1:30:00 AM	2,6-Dinitrotoluene	n/a	<	0.54	µg/L	EPA 625.1	0.54	2	WKL	
MO-HUE	2021/22-1	Wet	10/26/2021 9:30:00 AM	11/23/2021 1:30:00 AM	2-Chloronaphthalene	n/a	<	0.9	µg/L	EPA 625.1	0.9	2	WKL	
MO-HUE	2021/22-1	Wet	10/26/2021 9:30:00 AM	11/23/2021 1:30:00 AM	2-Chlorophenol	n/a	<	0.56	µg/L	EPA 625.1	0.56	2	WKL	
MO-HUE	2021/22-1	Wet	10/26/2021 9:30:00 AM	11/20/2021 1:56:00 AM	2-Chlorophenol	n/a	<	1.3	µg/L	EPA 8270C	1.3	2	WKL	
MO-HUE	2021/22-1	Wet	10/26/2021 9:30:00 AM	11/17/2021 1:32:00 PM	2-Methylnaphthalene	n/a	<	0.052	µg/L	EPA 8270C	0.052	0.2	WKL	
MO-HUE	2021/22-1	Wet	10/26/2021 9:30:00 AM	11/20/2021 1:56:00 AM	2-Methylphenol	n/a	<	0.68	µg/L	EPA 8270C	0.68	2	WKL	
MO-HUE	2021/22-1	Wet	10/26/2021 9:30:00 AM	11/20/2021 1:56:00 AM	2-Nitrophenol	n/a	<	1.4	µg/L	EPA 8270C	1.4	2	WKL	
MO-HUE	2021/22-1	Wet	10/26/2021 9:30:00 AM	11/23/2021 1:30:00 AM	2-Nitrophenol	n/a	<	0.52	µg/L	EPA 625.1	0.52	2	WKL	
MO-HUE	2021/22-1	Wet	10/26/2021 9:30:00 AM	11/23/2021 1:30:00 AM	3,3'-Dichlorobenzidine	n/a	<	5	µg/L	EPA 625.1	5	10	WKL	
MO-HUE	2021/22-1	Wet	10/26/2021 9:30:00 AM	11/20/2021 1:56:00 AM	3-/4-Methylphenol	n/a	<	0.6	µg/L	EPA 8270C	0.6	2	WKL	
MO-HUE	2021/22-1	Wet	10/26/2021 9:30:00 AM	11/23/2021 1:30:00 AM	4,6-Dinitro-2-methylphenol	n/a	<	1	µg/L	EPA 625.1	1	10	WKL	
MO-HUE	2021/22-1	Wet	10/26/2021 9:30:00 AM	11/20/2021 1:56:00 AM	4,6-Dinitro-2-methylphenol	n/a	<	0.28	µg/L	EPA 8270C	0.28	2	WKL	
MO-HUE	2021/22-1	Wet	10/26/2021 9:30:00 AM	11/23/2021 1:30:00 AM	4-Bromophenyl phenyl ether	n/a	<	0.72	µg/L	EPA 625.1	0.72	2	WKL	
MO-HUE	2021/22-1	Wet	10/26/2021 9:30:00 AM	11/23/2021 1:30:00 AM	4-Chloro-3-methylphenol	n/a	<	0.46	µg/L	EPA 625.1	0.46	2	WKL	
MO-HUE	2021/22-1	Wet	10/26/2021 9:30:00 AM	11/20/2021 1:56:00 AM	4-Chloro-3-methylphenol	n/a	<	0.74	µg/L	EPA 8270C	0.74	2	WKL	
MO-HUE	2021/22-1	Wet	10/26/2021 9:30:00 AM	11/23/2021 1:30:00 AM	4-Chlorophenyl phenyl ether	n/a	<	0.82	µg/L	EPA 625.1	0.82	2	WKL	
MO-HUE	2021/22-1	Wet	10/26/2021 9:30:00 AM	11/23/2021 1:30:00 AM	4-Nitrophenol	n/a	<	2.5	µg/L	EPA 625.1	2.5	10	WKL	
MO-HUE	2021/22-1	Wet	10/26/2021 9:30:00 AM	11/20/2021 1:56:00 AM	4-Nitrophenol	n/a	<	2	µg/L	EPA 8270C	2	4	WKL	
MO-HUE	2021/22-1	Wet	10/26/2021 9:30:00 AM	11/23/2021 1:30:00 AM	Acenaphthene	n/a	<	0.76	µg/L	EPA 625.1	0.76	2	WKL	
MO-HUE	2021/22-1	Wet	10/26/2021 9:30:00 AM	11/17/2021 1:32:00 PM	Acenaphthene	n/a	<	0.056	µg/L	EPA 8270C	0.056	0.2	WKL	
MO-HUE	2021/22-1	Wet	10/26/2021 9:30:00 AM	11/17/2021 1:32:00 PM	Acenaphthylene	n/a	<	0.066	µg/L	EPA 8270C	0.066	0.2	WKL	
MO-HUE	2021/22-1	Wet	10/26/2021 9:30:00 AM	11/23/2021 1:30:00 AM	Acenaphthylene	n/a	<	0.7	µg/L	EPA 625.1	0.7	2	WKL	
MO-HUE	2021/22-1	Wet	10/26/2021 9:30:00 AM	11/23/2021 1:30:00 AM	Anthracene	n/a	<	0.82	µg/L	EPA 625.1	0.82	2	WKL	
MO-HUE	2021/22-1	Wet	10/26/2021 9:30:00 AM	11/17/2021 1:32:00 PM	Anthracene	n/a	<	0.05	µg/L	EPA 8270C	0.05	0.2	WKL	
MO-HUE	2021/22-1	Wet	10/26/2021 9:30:00 AM	11/23/2021 1:30:00 AM	Benz(a)anthracene	n/a	<	0.38	µg/L	EPA 625.1	0.38	2	WKL	
MO-HUE	2021/22-1	Wet	10/26/2021 9:30:00 AM	11/17/2021 1:32:00 PM	Benz(a)anthracene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.2	WKL	
MO-HUE	2021/22-1	Wet	10/26/2021 9:30:00 AM	11/23/2021 1:30:00 AM	Benzidine	n/a	<	6.4	µg/L	EPA 625.1	6.4	20	WKL	
MO-HUE	2021/22-1	Wet	10/26/2021 9:30:00 AM	11/16/2021 1:45:00 AM	Benzo(a)pyrene	n/a	<	0.2	µg/L	EPA 525.2	0.2	1	WKL	
MO-HUE	2021/22-1	Wet	10/26/2021 9:30:00 AM	11/23/2021 1:30:00 AM	Benzo(a)pyrene	n/a	<	0.78	µg/L	EPA 625.1	0.78	2	WKL	
MO-HUE	2021/22-1	Wet	10/26/2021 9:30:00 AM	11/17/2021 1:32:00 PM	Benzo(a)pyrene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.2	WKL	
MO-HUE	2021/22-1	Wet	10/26/2021 9:30:00 AM	11/23/2021 1:30:00 AM	Benzo(b)fluoranthene	n/a	<	0.92	µg/L	EPA 625.1	0.92	2	WKL	
MO-HUE	2021/22-1	Wet	10/26/2021 9:30:00 AM	11/17/2021 1:32:00 PM	Benzo(b)fluoranthene	n/a	<	0.15	µg/L	EPA 8270C	0.15	0.2	WKL	
MO-HUE	2021/22-1	Wet	10/26/2021 9:30:00 AM	11/17/2021 1:32:00 PM	Benzo(g,h,i)perylene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.2	WKL	
MO-HUE	2021/22-1	Wet	10/26/2021 9:30:00 AM	11/23/2021 1:30:00 AM	Benzo(g,h,i)perylene	n/a	<	0.84	µg/L	EPA 625.1	0.84	4	WKL	
MO-HUE	2021/22-1	Wet	10/26/2021 9:30:00 AM	11/17/2021 1:32:00 PM	Benzo(k)fluoranthene	n/a	DNQ	0.059	µg/L	EPA 8270C	0.052	0.2	WKL	
MO-HUE	2021/22-1	Wet	10/26/2021 9:30:00 AM	11/23/2021 1:30:00 AM	Benzo(k)fluoranthene	n/a	<	0.44	µg/L	EPA 625.1	0.44	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	2021/22-1	Wet	10/26/2021 9:30:00 AM	11/23/2021 1:30:00 AM	Bis(2-chloroethoxy)methane	n/a	<	0.5	µg/L	EPA 625.1	0.5	2	WKL	
MO-HUE	2021/22-1	Wet	10/26/2021 9:30:00 AM	11/23/2021 1:30:00 AM	Bis(2-chloroethyl)ether	n/a	<	0.54	µg/L	EPA 625.1	0.54	2	WKL	
MO-HUE	2021/22-1	Wet	10/26/2021 9:30:00 AM	11/23/2021 1:30:00 AM	Bis(2-chloroisopropyl)ether	n/a	<	0.76	µg/L	EPA 625.1	0.76	2	WKL	
MO-HUE	2021/22-1	Wet	10/26/2021 9:30:00 AM	11/16/2021 1:45:00 AM	Bis(2-ethylhexyl)adipate	n/a	<	4.2	µg/L	EPA 525.2	4.2	50	WKL	
MO-HUE	2021/22-1	Wet	10/26/2021 9:30:00 AM	11/16/2021 1:45:00 AM	Bis(2-ethylhexyl)phthalate	n/a	<	4.1	µg/L	EPA 525.2	4.1	30	WKL	
MO-HUE	2021/22-1	Wet	10/26/2021 9:30:00 AM	11/23/2021 1:30:00 AM	Bis(2-ethylhexyl)phthalate	n/a	<	4.6	µg/L	EPA 625.1	4.6	10	WKL	
MO-HUE	2021/22-1	Wet	10/26/2021 9:30:00 AM	11/23/2021 1:30:00 AM	Butyl benzyl phthalate	n/a	<	0.98	µg/L	EPA 625.1	0.98	2	WKL	
MO-HUE	2021/22-1	Wet	10/26/2021 9:30:00 AM	11/23/2021 1:30:00 AM	Chrysene	n/a	<	0.38	µg/L	EPA 625.1	0.38	2	WKL	
MO-HUE	2021/22-1	Wet	10/26/2021 9:30:00 AM	11/17/2021 1:32:00 PM	Chrysene	n/a	<	0.15	µg/L	EPA 8270C	0.15	0.2	WKL	
MO-HUE	2021/22-1	Wet	10/26/2021 9:30:00 AM	11/23/2021 1:30:00 AM	Dibenz(a,h)anthracene	n/a	<	0.3	µg/L	EPA 625.1	0.3	4	WKL	
MO-HUE	2021/22-1	Wet	10/26/2021 9:30:00 AM	11/17/2021 1:32:00 PM	Dibenz(a,h)anthracene	n/a	<	0.072	µg/L	EPA 8270C	0.072	0.2	WKL	
MO-HUE	2021/22-1	Wet	10/26/2021 9:30:00 AM	11/23/2021 1:30:00 AM	Diethyl phthalate	n/a	<	0.7	µg/L	EPA 625.1	0.7	2	WKL	
MO-HUE	2021/22-1	Wet	10/26/2021 9:30:00 AM	11/23/2021 1:30:00 AM	Dimethyl phthalate	n/a	DNQ	0.95	µg/L	EPA 625.1	0.36	2	WKL	
MO-HUE	2021/22-1	Wet	10/26/2021 9:30:00 AM	11/23/2021 1:30:00 AM	Di-n-butylphthalate	n/a	<	0.68	µg/L	EPA 625.1	0.68	2	WKL	
MO-HUE	2021/22-1	Wet	10/26/2021 9:30:00 AM	11/23/2021 1:30:00 AM	Di-n-octylphthalate	n/a	<	0.92	µg/L	EPA 625.1	0.92	2	WKL	
MO-HUE	2021/22-1	Wet	10/26/2021 9:30:00 AM	11/23/2021 1:30:00 AM	Fluoranthene	n/a	<	0.69	µg/L	EPA 625.1	0.69	2	WKL	
MO-HUE	2021/22-1	Wet	10/26/2021 9:30:00 AM	11/17/2021 1:32:00 PM	Fluoranthene	n/a	DNQ	0.078	µg/L	EPA 8270C	0.078	0.2	WKL	
MO-HUE	2021/22-1	Wet	10/26/2021 9:30:00 AM	11/23/2021 1:30:00 AM	Fluorene	n/a	<	0.7	µg/L	EPA 625.1	0.7	2	WKL	
MO-HUE	2021/22-1	Wet	10/26/2021 9:30:00 AM	11/17/2021 1:32:00 PM	Fluorene	n/a	<	0.058	µg/L	EPA 8270C	0.058	0.2	WKL	
MO-HUE	2021/22-1	Wet	10/26/2021 9:30:00 AM	11/23/2021 1:30:00 AM	Hexachlorobenzene	n/a	<	0.98	µg/L	EPA 625.1	0.98	2	WKL	
MO-HUE	2021/22-1	Wet	10/26/2021 9:30:00 AM	11/23/2021 1:30:00 AM	Hexachlorobutadiene	n/a	<	0.94	µg/L	EPA 625.1	0.94	2	WKL	
MO-HUE	2021/22-1	Wet	10/26/2021 9:30:00 AM	11/23/2021 1:30:00 AM	Hexachlorocyclopentadiene	n/a	<	0.62	µg/L	EPA 625.1	0.62	10	WKL	
MO-HUE	2021/22-1	Wet	10/26/2021 9:30:00 AM	11/16/2021 1:45:00 AM	Hexachlorocyclopentadiene	n/a	<	0.92	µg/L	EPA 525.2	0.92	10	WKL	
MO-HUE	2021/22-1	Wet	10/26/2021 9:30:00 AM	11/23/2021 1:30:00 AM	Hexachloroethane	n/a	<	1	µg/L	EPA 625.1	1	2	WKL	
MO-HUE	2021/22-1	Wet	10/26/2021 9:30:00 AM	11/17/2021 1:32:00 PM	Indeno(1,2,3-cd)pyrene	n/a	DNQ	0.13	µg/L	EPA 8270C	0.13	0.2	WKL	
MO-HUE	2021/22-1	Wet	10/26/2021 9:30:00 AM	11/23/2021 1:30:00 AM	Indeno(1,2,3-cd)pyrene	n/a	<	0.49	µg/L	EPA 625.1	0.49	4	WKL	
MO-HUE	2021/22-1	Wet	10/26/2021 9:30:00 AM	11/23/2021 1:30:00 AM	Isophorone	n/a	<	0.42	µg/L	EPA 625.1	0.42	2	WKL	
MO-HUE	2021/22-1	Wet	10/26/2021 9:30:00 AM	11/23/2021 1:30:00 AM	Naphthalene	n/a	<	0.98	µg/L	EPA 625.1	0.98	2	WKL	
MO-HUE	2021/22-1	Wet	10/26/2021 9:30:00 AM	11/17/2021 1:32:00 PM	Naphthalene	n/a	<	0.052	µg/L	EPA 8270C	0.052	0.2	WKL	
MO-HUE	2021/22-1	Wet	10/26/2021 9:30:00 AM	11/23/2021 1:30:00 AM	Nitrobenzene	n/a	<	0.72	µg/L	EPA 625.1	0.72	2	WKL	
MO-HUE	2021/22-1	Wet	10/26/2021 9:30:00 AM	11/23/2021 1:30:00 AM	N-Nitrosodimethylamine	n/a	<	1	µg/L	EPA 625.1	1	2	WKL	
MO-HUE	2021/22-1	Wet	10/26/2021 9:30:00 AM	11/23/2021 1:30:00 AM	N-Nitrosodi-N-propylamine	n/a	<	0.52	µg/L	EPA 625.1	0.52	2	WKL	
MO-HUE	2021/22-1	Wet	10/26/2021 9:30:00 AM	11/23/2021 1:30:00 AM	N-Nitrosodiphenylamine	n/a	<	0.38	µg/L	EPA 625.1	0.38	2	WKL	
MO-HUE	2021/22-1	Wet	10/26/2021 9:30:00 AM	11/23/2021 1:30:00 AM	Phenanthrene	n/a	<	0.64	µg/L	EPA 625.1	0.64	2	WKL	
MO-HUE	2021/22-1	Wet	10/26/2021 9:30:00 AM	11/17/2021 1:32:00 PM	Phenanthrene	n/a	<	0.058	µg/L	EPA 8270C	0.058	0.2	WKL	
MO-HUE	2021/22-1	Wet	10/26/2021 9:30:00 AM	11/23/2021 1:30:00 AM	Phenol	n/a	<	1.6	µg/L	EPA 625.1	1.6	2	WKL	
MO-HUE	2021/22-1	Wet	10/26/2021 9:30:00 AM	11/20/2021 1:56:00 AM	Phenol	n/a	<	0.7	µg/L	EPA 8270C	0.7	2	WKL	
MO-HUE	2021/22-1	Wet	10/26/2021 9:30:00 AM	11/23/2021 1:30:00 AM	Pyrene	n/a	<	0.5	µg/L	EPA 625.1	0.5	2	WKL	
MO-HUE	2021/22-1	Wet	10/26/2021 9:30:00 AM	11/17/2021 1:32:00 PM	Pyrene	n/a	<	0.08	µg/L	EPA 8270C	0.08	0.2	WKL	
MO-HUE	2021/22-1	Wet	10/26/2021 9:30:00 AM	12/11/2021 12:52:00 AM	PCB Aroclor 1016	n/a	<	5	µg/L	EPA 608.3	5	5	WKL	
MO-HUE	2021/22-1	Wet	10/26/2021 9:30:00 AM	12/11/2021 12:52:00 AM	PCB Aroclor 1221	n/a	<	5	µg/L	EPA 608.3	5	5	WKL	
MO-HUE	2021/22-1	Wet	10/26/2021 9:30:00 AM	12/11/2021 12:52:00 AM	PCB Aroclor 1232	n/a	<	5	µg/L	EPA 608.3	5	5	WKL	
MO-HUE	2021/22-1	Wet	10/26/2021 9:30:00 AM	12/11/2021 12:52:00 AM	PCB Aroclor 1242	n/a	<	5	µg/L	EPA 608.3	5	5	WKL	
MO-HUE	2021/22-1	Wet	10/26/2021 9:30:00 AM	12/11/2021 12:52:00 AM	PCB Aroclor 1248	n/a	<	5	µg/L	EPA 608.3	5	5	WKL	
MO-HUE	2021/22-1	Wet	10/26/2021 9:30:00 AM	12/11/2021 12:52:00 AM	PCB Aroclor 1254	n/a	<	5	µg/L	EPA 608.3	5	5	WKL	
MO-HUE	2021/22-1	Wet	10/26/2021 9:30:00 AM	12/11/2021 12:52:00 AM	PCB Aroclor 1260	n/a	<	5	µg/L	EPA 608.3	5	5	WKL	
MO-HUE	2021/22-1	Wet	10/26/2021 9:30:00 AM	11/8/2021 4:46:00 AM	2,4,5-T	n/a	<	0.03	µg/L	EPA 515.4	0.03	0.2	WKL	
MO-HUE	2021/22-1	Wet	10/26/2021 9:30:00 AM	11/8/2021 4:46:00 AM	2,4,5-TP	n/a	<	0.026	µg/L	EPA 515.4	0.026	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	2021/22-1	Wet	10/26/2021 9:30:00 AM	11/8/2021 4:46:00 AM	2,4-D	n/a	<	0.14	µg/L	EPA 515.4	0.14	0.4	WKL	
MO-HUE	2021/22-1	Wet	10/26/2021 9:30:00 AM	11/8/2021 4:46:00 AM	2,4-DB	n/a	<	2	µg/L	EPA 515.4	2	2	WKL	
MO-HUE	2021/22-1	Wet	10/26/2021 9:30:00 AM	11/8/2021 4:46:00 AM	3,5-Dichlorobenzoic acid	n/a	<	0.12	µg/L	EPA 515.4	0.12	1	WKL	
MO-HUE	2021/22-1	Wet	10/26/2021 9:30:00 AM	12/11/2021 12:52:00 AM	4,4'-DDD	n/a	<	0.0035	µg/L	EPA 608.3	0.0035	0.25	WKL	
MO-HUE	2021/22-1	Wet	10/26/2021 9:30:00 AM	12/11/2021 12:52:00 AM	4,4'-DDE	n/a	DNQ	0.011	µg/L	EPA 608.3	0.0035	0.25	WKL	
MO-HUE	2021/22-1	Wet	10/26/2021 9:30:00 AM	12/11/2021 12:52:00 AM	4,4'-DDT	n/a	<	0.0055	µg/L	EPA 608.3	0.0055	0.05	WKL	
MO-HUE	2021/22-1	Wet	10/26/2021 9:30:00 AM	11/8/2021 4:46:00 AM	Acifluorfen	n/a	<	0.4	µg/L	EPA 515.4	0.4	0.4	WKL	
MO-HUE	2021/22-1	Wet	10/26/2021 9:30:00 AM	11/16/2021 1:45:00 AM	Alachlor	n/a	<	0.3	µg/L	EPA 525.2	0.3	1	WKL	
MO-HUE	2021/22-1	Wet	10/26/2021 9:30:00 AM	12/11/2021 12:52:00 AM	Aldrin	n/a	<	0.005	µg/L	EPA 608.3	0.005	0.025	WKL	
MO-HUE	2021/22-1	Wet	10/26/2021 9:30:00 AM	12/11/2021 12:52:00 AM	alpha-BHC	n/a	<	0.0055	µg/L	EPA 608.3	0.0055	0.05	WKL	
MO-HUE	2021/22-1	Wet	10/26/2021 9:30:00 AM	11/16/2021 1:45:00 AM	Atrazine	n/a	<	0.11	µg/L	EPA 525.2	0.11	1	WKL	
MO-HUE	2021/22-1	Wet	10/26/2021 9:30:00 AM	11/6/2021 12:31:00 AM	Azinphos methyl	n/a	<	0.028	µg/L	EPA 625.1m	0.028	0.05	WKL	
MO-HUE	2021/22-1	Wet	10/26/2021 9:30:00 AM	11/8/2021 4:46:00 AM	Bentazon	n/a	<	2	µg/L	EPA 515.4	2	2	WKL	
MO-HUE	2021/22-1	Wet	10/26/2021 9:30:00 AM	12/11/2021 12:52:00 AM	beta-BHC	n/a	<	0.0075	µg/L	EPA 608.3	0.0075	0.025	WKL	
MO-HUE	2021/22-1	Wet	10/26/2021 9:30:00 AM	11/6/2021 12:31:00 AM	Bolstar	n/a	<	0.023	µg/L	EPA 625.1m	0.023	0.05	WKL	
MO-HUE	2021/22-1	Wet	10/26/2021 9:30:00 AM	11/16/2021 1:45:00 AM	Bromacil	n/a	<	0.7	µg/L	EPA 525.2	0.7	5	WKL	
MO-HUE	2021/22-1	Wet	10/26/2021 9:30:00 AM	11/16/2021 1:45:00 AM	Butachlor	n/a	<	0.12	µg/L	EPA 525.2	0.12	1	WKL	
MO-HUE	2021/22-1	Wet	10/26/2021 9:30:00 AM	11/16/2021 1:45:00 AM	Captan	n/a	<	3.2	µg/L	EPA 525.2	3.2	10	WKL	
MO-HUE	2021/22-1	Wet	10/26/2021 9:30:00 AM	12/11/2021 12:52:00 AM	Chlordane (technical)	n/a	<	5	µg/L	EPA 608.3	5	5	WKL	
MO-HUE	2021/22-1	Wet	10/26/2021 9:30:00 AM	11/16/2021 1:45:00 AM	Chlorpropham	n/a	<	0.4	µg/L	EPA 525.2	0.4	1	WKL	
MO-HUE	2021/22-1	Wet	10/26/2021 9:30:00 AM	11/6/2021 12:31:00 AM	Chlorpyrifos	n/a	<	0.034	µg/L	EPA 625.1m	0.034	0.05	WKL	
MO-HUE	2021/22-1	Wet	10/26/2021 9:30:00 AM	11/6/2021 12:31:00 AM	Coumaphos	n/a	<	0.026	µg/L	EPA 625.1m	0.026	0.05	WKL	
MO-HUE	2021/22-1	Wet	10/26/2021 9:30:00 AM	11/8/2021 4:46:00 AM	Dalapon	n/a	<	0.11	µg/L	EPA 515.4	0.11	0.4	WKL	
MO-HUE	2021/22-1	Wet	10/26/2021 9:30:00 AM	11/8/2021 4:46:00 AM	DCPA (Dacthal)	n/a	<	0.029	µg/L	EPA 515.4	0.029	0.1	WKL	
MO-HUE	2021/22-1	Wet	10/26/2021 9:30:00 AM	12/11/2021 12:52:00 AM	delta-BHC	n/a	<	0.0095	µg/L	EPA 608.3	0.0095	0.025	WKL	
MO-HUE	2021/22-1	Wet	10/26/2021 9:30:00 AM	11/6/2021 12:31:00 AM	Demeton-O	n/a	<	0.05	µg/L	EPA 625.1m	0.05	0.05	WKL	
MO-HUE	2021/22-1	Wet	10/26/2021 9:30:00 AM	11/6/2021 12:31:00 AM	Demeton-S	n/a	<	0.05	µg/L	EPA 625.1m	0.05	0.05	WKL	
MO-HUE	2021/22-1	Wet	10/26/2021 9:30:00 AM	11/16/2021 1:45:00 AM	Diazinon	n/a	<	0.22	µg/L	EPA 525.2	0.22	1	WKL	
MO-HUE	2021/22-1	Wet	10/26/2021 9:30:00 AM	11/6/2021 12:31:00 AM	Diazinon	n/a	<	0.026	µg/L	EPA 625.1m	0.026	0.05	WKL	
MO-HUE	2021/22-1	Wet	10/26/2021 9:30:00 AM	11/8/2021 4:46:00 AM	Dicamba	n/a	<	0.049	µg/L	EPA 515.4	0.049	0.6	WKL	
MO-HUE	2021/22-1	Wet	10/26/2021 9:30:00 AM	11/8/2021 4:46:00 AM	Dichlorprop	n/a	<	0.12	µg/L	EPA 515.4	0.12	0.3	WKL	
MO-HUE	2021/22-1	Wet	10/26/2021 9:30:00 AM	11/6/2021 12:31:00 AM	Dichlorvos	n/a	<	0.014	µg/L	EPA 625.1m	0.014	0.05	WKL	
MO-HUE	2021/22-1	Wet	10/26/2021 9:30:00 AM	12/11/2021 12:52:00 AM	Dieldrin	n/a	<	0.004	µg/L	EPA 608.3	0.004	0.05	WKL	
MO-HUE	2021/22-1	Wet	10/26/2021 9:30:00 AM	11/16/2021 1:45:00 AM	Dimethoate	n/a	<	0.2	µg/L	EPA 525.2	0.2	2	WKL	
MO-HUE	2021/22-1	Wet	10/26/2021 9:30:00 AM	11/6/2021 12:31:00 AM	Dimethoate	n/a	<	0.031	µg/L	EPA 625.1m	0.031	0.05	WKL	
MO-HUE	2021/22-1	Wet	10/26/2021 9:30:00 AM	11/8/2021 4:46:00 AM	Dinoseb	n/a	<	0.033	µg/L	EPA 515.4	0.033	0.4	WKL	
MO-HUE	2021/22-1	Wet	10/26/2021 9:30:00 AM	11/16/2021 1:45:00 AM	Diphenamid	n/a	<	0.3	µg/L	EPA 525.2	0.3	1	WKL	
MO-HUE	2021/22-1	Wet	10/26/2021 9:30:00 AM	11/16/2021 1:45:00 AM	Disulfoton	n/a	<	0.15	µg/L	EPA 525.2	0.15	1	WKL	
MO-HUE	2021/22-1	Wet	10/26/2021 9:30:00 AM	11/6/2021 12:31:00 AM	Disulfoton	n/a	<	0.05	µg/L	EPA 625.1m	0.05	0.05	WKL	
MO-HUE	2021/22-1	Wet	10/26/2021 9:30:00 AM	12/11/2021 12:52:00 AM	Endosulfan I	n/a	<	0.0045	µg/L	EPA 608.3	0.0045	0.1	WKL	
MO-HUE	2021/22-1	Wet	10/26/2021 9:30:00 AM	12/11/2021 12:52:00 AM	Endosulfan II	n/a	<	0.0035	µg/L	EPA 608.3	0.0035	0.05	WKL	
MO-HUE	2021/22-1	Wet	10/26/2021 9:30:00 AM	12/11/2021 12:52:00 AM	Endosulfan sulfate	n/a	<	0.0065	µg/L	EPA 608.3	0.0065	0.25	WKL	
MO-HUE	2021/22-1	Wet	10/26/2021 9:30:00 AM	12/11/2021 12:52:00 AM	Endrin	n/a	<	0.0085	µg/L	EPA 608.3	0.0085	0.05	WKL	
MO-HUE	2021/22-1	Wet	10/26/2021 9:30:00 AM	12/11/2021 12:52:00 AM	Endrin aldehyde	n/a	<	0.0095	µg/L	EPA 608.3	0.0095	0.05	WKL	
MO-HUE	2021/22-1	Wet	10/26/2021 9:30:00 AM	11/16/2021 1:45:00 AM	EPTC	n/a	<	0.2	µg/L	EPA 525.2	0.2	1	WKL	
MO-HUE	2021/22-1	Wet	10/26/2021 9:30:00 AM	11/6/2021 12:31:00 AM	Ethoprop	n/a	<	0.034	µg/L	EPA 625.1m	0.034	0.05	WKL	
MO-HUE	2021/22-1	Wet	10/26/2021 9:30:00 AM	11/6/2021 12:31:00 AM	Ethyl parathion	n/a	<	0.027	µg/L	EPA 625.1m	0.027	0.05	WKL	
MO-HUE	2021/22-1	Wet	10/26/2021 9:30:00 AM	11/6/2021 12:31:00 AM	Fensulfothion	n/a	<	0.014	µg/L	EPA 625.1m	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
MO-HUE	2021/22-1	Wet	10/26/2021 9:30:00 AM	11/6/2021 12:31:00 AM	Fenthion	n/a	<	0.019	µg/L	EPA 625.1m	0.019	0.05	WKL	
MO-HUE	2021/22-1	Wet	10/26/2021 9:30:00 AM	12/11/2021 12:52:00 AM	gamma-BHC (Lindane)	n/a	<	0.002	µg/L	EPA 608.3	0.002	0.1	WKL	
MO-HUE	2021/22-1	Wet	10/26/2021 9:30:00 AM	11/8/2021 12:04:00 AM	Glyphosate	n/a	<	2.1	µg/L	EPA 547	2.1	25	BSKL	
MO-HUE	2021/22-1	Wet	10/26/2021 9:30:00 AM	12/11/2021 12:52:00 AM	Heptachlor	n/a	<	0.003	µg/L	EPA 608.3	0.003	0.05	WKL	
MO-HUE	2021/22-1	Wet	10/26/2021 9:30:00 AM	12/11/2021 12:52:00 AM	Heptachlor epoxide	n/a	<	0.002	µg/L	EPA 608.3	0.002	0.05	WKL	
MO-HUE	2021/22-1	Wet	10/26/2021 9:30:00 AM	11/6/2021 12:31:00 AM	Malathion	n/a	<	0.038	µg/L	EPA 625.1m	0.038	0.05	WKL	
MO-HUE	2021/22-1	Wet	10/26/2021 9:30:00 AM	11/6/2021 12:31:00 AM	Merphos	n/a	<	0.029	µg/L	EPA 625.1m	0.029	0.05	WKL	
MO-HUE	2021/22-1	Wet	10/26/2021 9:30:00 AM	11/6/2021 12:31:00 AM	Methyl parathion	n/a	<	0.032	µg/L	EPA 625.1m	0.032	0.05	WKL	
MO-HUE	2021/22-1	Wet	10/26/2021 9:30:00 AM	11/16/2021 1:45:00 AM	Metolachlor	n/a	<	0.3	µg/L	EPA 525.2	0.3	1	WKL	
MO-HUE	2021/22-1	Wet	10/26/2021 9:30:00 AM	11/16/2021 1:45:00 AM	Metribuzin	n/a	<	0.3	µg/L	EPA 525.2	0.3	1	WKL	
MO-HUE	2021/22-1	Wet	10/26/2021 9:30:00 AM	11/6/2021 12:31:00 AM	Mevinphos	n/a	<	0.021	µg/L	EPA 625.1m	0.021	0.05	WKL	
MO-HUE	2021/22-1	Wet	10/26/2021 9:30:00 AM	11/16/2021 1:45:00 AM	Molinate	n/a	<	0.3	µg/L	EPA 525.2	0.3	1	WKL	
MO-HUE	2021/22-1	Wet	10/26/2021 9:30:00 AM	11/6/2021 12:31:00 AM	Naled	n/a	<	0.038	µg/L	EPA 625.1m	0.038	0.05	WKL	
MO-HUE	2021/22-1	Wet	10/26/2021 9:30:00 AM	11/8/2021 4:46:00 AM	Pentachlorophenol	n/a	DNQ	0.085	µg/L	EPA 515.4	0.046	0.2	WKL	
MO-HUE	2021/22-1	Wet	10/26/2021 9:30:00 AM	11/23/2021 1:30:00 AM	Pentachlorophenol	n/a	<	0.8	µg/L	EPA 625.1	0.8	2	WKL	
MO-HUE	2021/22-1	Wet	10/26/2021 9:30:00 AM	11/20/2021 1:56:00 AM	Pentachlorophenol	n/a	DNQ	1.2	µg/L	EPA 8270C	0.3	2	WKL	EST-LCSRDP
MO-HUE	2021/22-1	Wet	10/26/2021 9:30:00 AM	11/6/2021 12:31:00 AM	Phorate	n/a	<	0.015	µg/L	EPA 625.1m	0.015	0.05	WKL	
MO-HUE	2021/22-1	Wet	10/26/2021 9:30:00 AM	11/8/2021 4:46:00 AM	Picloram	n/a	<	0.05	µg/L	EPA 515.4	0.05	0.6	WKL	
MO-HUE	2021/22-1	Wet	10/26/2021 9:30:00 AM	11/16/2021 1:45:00 AM	Prometryn	n/a	<	0.3	µg/L	EPA 525.2	0.3	1	WKL	
MO-HUE	2021/22-1	Wet	10/26/2021 9:30:00 AM	11/6/2021 12:31:00 AM	Ronnel (Fenchlorphos)	n/a	<	0.02	µg/L	EPA 625.1m	0.02	0.05	WKL	
MO-HUE	2021/22-1	Wet	10/26/2021 9:30:00 AM	11/16/2021 1:45:00 AM	Simazine	n/a	<	0.2	µg/L	EPA 525.2	0.2	1	WKL	
MO-HUE	2021/22-1	Wet	10/26/2021 9:30:00 AM	11/6/2021 12:31:00 AM	Stirophos (Tetrachlorvinphos)	n/a	<	0.016	µg/L	EPA 625.1m	0.016	0.05	WKL	
MO-HUE	2021/22-1	Wet	10/26/2021 9:30:00 AM	11/16/2021 1:45:00 AM	Terbacil	n/a	<	0.9	µg/L	EPA 525.2	0.9	20	WKL	
MO-HUE	2021/22-1	Wet	10/26/2021 9:30:00 AM	11/16/2021 1:45:00 AM	Thiobencarb	n/a	<	0.3	µg/L	EPA 525.2	0.3	1	WKL	
MO-HUE	2021/22-1	Wet	10/26/2021 9:30:00 AM	11/6/2021 12:31:00 AM	Tokuthion	n/a	<	0.039	µg/L	EPA 625.1m	0.039	0.05	WKL	
MO-HUE	2021/22-1	Wet	10/26/2021 9:30:00 AM	12/11/2021 12:52:00 AM	Toxaphene	n/a	<	5	µg/L	EPA 608.3	5	5	WKL	
MO-HUE	2021/22-1	Wet	10/26/2021 9:30:00 AM	11/6/2021 12:31:00 AM	Trichloronate	n/a	<	0.034	µg/L	EPA 625.1m	0.034	0.05	WKL	
MO-HUE	2021/22-1	Wet	10/26/2021 9:30:00 AM	11/16/2021 1:45:00 AM	Trithion	n/a	<	0.2	µg/L	EPA 525.2	0.2	1	WKL	
MO-HUE	2021/22-2	Wet	12/14/2021 4:20:00 AM	12/15/2021 2:50:00 AM	E. Coli	n/a	=	9804	MPN/100 mL	MMO-MUG	10	10	VCHCA	
MO-HUE	2021/22-2	Wet	12/14/2021 4:20:00 AM	12/15/2021 4:20:00 AM	Total Coliform	n/a	=	198630	MPN/100 mL	MMO-MUG	100	100	VCHCA	
MO-HUE	2021/22-2	Wet	12/14/2021 4:20:00 AM	12/22/2021 4:38:00 PM	Cyanide	Total	=	0.19	mg/L	ASTM D7511	0.048	0.08	WKL	
MO-HUE	2021/22-2	Wet	12/14/2021 4:20:00 AM	12/14/2021 4:20:00 AM	DO	n/a	=	60.3	%	Field Meter	-88	0.1	Field Crew	
MO-HUE	2021/22-2	Wet	12/14/2021 4:20:00 AM	12/14/2021 4:20:00 AM	DO	n/a	=	6.24	mg/L	Field Meter	-88	0.3	Field Crew	
MO-HUE	2021/22-2	Wet	12/14/2021 4:20:00 AM	12/14/2021 4:20:00 AM	pH	n/a	=	7.77	pH Units	Field Meter	-88	0.01	Field Crew	
MO-HUE	2021/22-2	Wet	12/14/2021 4:20:00 AM	12/14/2021 4:20:00 AM	Temperature	n/a	=	13.8	°C	Field Meter	-88	0.1	Field Crew	
MO-HUE	2021/22-2	Wet	12/14/2021 4:20:00 AM	12/21/2021 8:32:00 AM	Gasoline Range Organics	n/a	DNQ	0.081	mg/L	EPA 8260B	0.065	0.1	WKL	
MO-HUE	2021/22-2	Wet	12/14/2021 4:20:00 AM	12/21/2021 4:20:00 PM	Oil and Grease	n/a	<	1.3	mg/L	EPA 1664B	1.3	5	WKL	
MO-HUE	2021/22-2	Wet	12/14/2021 4:20:00 AM	12/16/2021 6:09:00 PM	2-Chloroethyl vinyl ether	n/a	<	0.95	µg/L	EPA 624.1	0.95	5	WKL	DG
MO-HUE	2021/22-2	Wet	12/14/2021 4:20:00 AM	12/16/2021 6:09:00 PM	Methyl tert-butyl ether (MTBE)	n/a	<	2	µg/L	EPA 624.1	2	5	WKL	DG
MO-HUE	2021/22-2	Wet	12/14/2021 3:43:00 PM	12/16/2021 6:36:00 PM	Chloride	n/a	=	1000	mg/L	EPA 300.0	9.5	25	WKL	
MO-HUE	2021/22-2	Wet	12/14/2021 3:43:00 PM	12/18/2021 4:44:00 AM	Fluoride	n/a	DNQ	0.55	mg/L	EPA 300.0	0.45	5	WKL	
MO-HUE	2021/22-2	Wet	12/14/2021 3:43:00 PM	12/19/2021 3:48:00 PM	Perchlorate	n/a	<	3.9	µg/L	EPA 314.0	3.9	20	WKL	
MO-HUE	2021/22-2	Wet	12/14/2021 3:43:00 PM	12/29/2021 7:37:00 PM	Calcium	Total	=	81.6	mg/L	EPA 200.7	0.16	0.5	WKL	
MO-HUE	2021/22-2	Wet	12/14/2021 3:43:00 PM	12/29/2021 7:37:00 PM	Magnesium	Total	=	83.1	mg/L	EPA 200.7	0.039	0.5	WKL	
MO-HUE	2021/22-2	Wet	12/14/2021 3:43:00 PM	12/20/2021 11:18:00 AM	Alkalinity as CaCO3	n/a	=	95	mg/L	SM 2320 B	2.3	5	WKL	
MO-HUE	2021/22-2	Wet	12/14/2021 3:43:00 PM	12/21/2021 2:05:00 PM	BOD	n/a	=	7.7	mg/L	SM 5210 B	2	2	WKL	
MO-HUE	2021/22-2	Wet	12/14/2021 3:43:00 PM	1/2/2022 11:34:00 AM	COD	n/a	=	69	mg/L	EPA 410.4	2.9	5	WKL	
MO-HUE	2021/22-2	Wet	12/14/2021 3:43:00 PM	12/29/2021 7:37:00 PM	Hardness as CaCO3	Total	=	546	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-HUE	2021/22-2	Wet	12/14/2021 3:43:00 PM	12/15/2021 7:30:00 PM	MBAS	n/a	=	0.13	mg/L	SM 5540 C	0.013	0.05	WKL	
MO-HUE	2021/22-2	Wet	12/14/2021 3:43:00 PM	1/2/2022 12:51:00 PM	Phenolics	n/a	DNQ	0.0098	mg/L	EPA 420.4	0.0068	0.01	WKL	
MO-HUE	2021/22-2	Wet	12/14/2021 3:43:00 PM	12/16/2021 2:05:00 PM	Specific Conductance	n/a	=	4000	µmhos/cm	SM 2510 B	4.3	8	WKL	
MO-HUE	2021/22-2	Wet	12/14/2021 3:43:00 PM	12/21/2021 1:10:00 PM	Total Dissolved Solids	n/a	=	2200	mg/L	SM 2540 C	4	10	WKL	
MO-HUE	2021/22-2	Wet	12/14/2021 3:43:00 PM	12/24/2021 6:01:00 AM	Total Organic Carbon	n/a	=	11	mg/L	SM 5310 B	0.19	0.3	WKL	
MO-HUE	2021/22-2	Wet	12/14/2021 3:43:00 PM	12/20/2021 7:00:00 PM	Total Suspended Solids	n/a	=	91	mg/L	SM 2540 D	-88	5	WKL	
MO-HUE	2021/22-2	Wet	12/14/2021 3:43:00 PM	12/15/2021 5:47:00 PM	Turbidity	n/a	=	21	NTU	EPA 180.1	0.017	0.1	WKL	
MO-HUE	2021/22-2	Wet	12/14/2021 3:43:00 PM	12/20/2021 7:00:00 PM	Volatile Suspended Solids	n/a	=	18	mg/L	EPA 160.4	3.1	5	WKL	
MO-HUE	2021/22-2	Wet	12/14/2021 3:43:00 PM	12/30/2021 1:28:00 AM	Diesel Range Organics	n/a	DNQ	0.38	mg/L	EPA 8015B	0.36	0.5	WKL	EST-LCSRPD
MO-HUE	2021/22-2	Wet	12/14/2021 3:43:00 PM	12/30/2021 1:28:00 AM	Oil Range Organics	n/a	<	1.6	mg/L	EPA 8015B	1.6	2.5	WKL	
MO-HUE	2021/22-2	Wet	12/14/2021 3:43:00 PM	1/17/2022 7:31:00 PM	Aluminum	Dissolved	<	4.4	µg/L	EPA 200.8	4.4	20	WKL	
MO-HUE	2021/22-2	Wet	12/14/2021 3:43:00 PM	1/17/2022 7:34:00 PM	Aluminum	Total	=	1400	µg/L	EPA 200.8	4.4	20	WKL	
MO-HUE	2021/22-2	Wet	12/14/2021 3:43:00 PM	1/17/2022 7:31:00 PM	Antimony	Dissolved	DNQ	0.49	µg/L	EPA 200.8	0.089	0.5	WKL	
MO-HUE	2021/22-2	Wet	12/14/2021 3:43:00 PM	1/17/2022 7:34:00 PM	Antimony	Total	=	0.78	µg/L	EPA 200.8	0.089	0.5	WKL	
MO-HUE	2021/22-2	Wet	12/14/2021 3:43:00 PM	1/17/2022 7:31:00 PM	Arsenic	Dissolved	DNQ	0.37	µg/L	EPA 200.8	0.074	0.4	WKL	
MO-HUE	2021/22-2	Wet	12/14/2021 3:43:00 PM	1/17/2022 7:34:00 PM	Arsenic	Total	=	1.9	µg/L	EPA 200.8	0.074	0.4	WKL	
MO-HUE	2021/22-2	Wet	12/14/2021 3:43:00 PM	1/17/2022 7:34:00 PM	Barium	Total	=	38	µg/L	EPA 200.8	0.14	1	WKL	
MO-HUE	2021/22-2	Wet	12/14/2021 3:43:00 PM	1/17/2022 7:31:00 PM	Beryllium	Dissolved	<	0.062	µg/L	EPA 200.8	0.062	0.1	WKL	
MO-HUE	2021/22-2	Wet	12/14/2021 3:43:00 PM	1/17/2022 7:34:00 PM	Beryllium	Total	<	0.062	µg/L	EPA 200.8	0.062	0.1	WKL	
MO-HUE	2021/22-2	Wet	12/14/2021 3:43:00 PM	1/17/2022 7:31:00 PM	Cadmium	Dissolved	<	0.042	µg/L	EPA 200.8	0.042	0.2	WKL	
MO-HUE	2021/22-2	Wet	12/14/2021 3:43:00 PM	1/17/2022 7:34:00 PM	Cadmium	Total	=	0.25	µg/L	EPA 200.8	0.042	0.2	WKL	
MO-HUE	2021/22-2	Wet	12/14/2021 3:43:00 PM	1/17/2022 7:31:00 PM	Chromium	Dissolved	DNQ	0.13	µg/L	EPA 200.8	0.089	0.2	WKL	
MO-HUE	2021/22-2	Wet	12/14/2021 3:43:00 PM	1/17/2022 7:34:00 PM	Chromium	Total	=	4.3	µg/L	EPA 200.8	0.089	0.2	WKL	
MO-HUE	2021/22-2	Wet	12/14/2021 3:43:00 PM	12/20/2021 5:02:00 PM	Chromium VI	n/a	<	0.79	µg/L	EPA 218.6	0.79	2	WKL	
MO-HUE	2021/22-2	Wet	12/14/2021 3:43:00 PM	1/17/2022 7:31:00 PM	Copper	Dissolved	=	2	µg/L	EPA 200.8	0.23	0.5	WKL	
MO-HUE	2021/22-2	Wet	12/14/2021 3:43:00 PM	1/17/2022 7:34:00 PM	Copper	Total	=	11	µg/L	EPA 200.8	0.23	0.5	WKL	
MO-HUE	2021/22-2	Wet	12/14/2021 3:43:00 PM	1/17/2022 7:31:00 PM	Iron	Dissolved	=	74	µg/L	EPA 200.8	3.9	20	WKL	
MO-HUE	2021/22-2	Wet	12/14/2021 3:43:00 PM	1/17/2022 7:34:00 PM	Iron	Total	=	6000	µg/L	EPA 200.8	3.9	20	WKL	
MO-HUE	2021/22-2	Wet	12/14/2021 3:43:00 PM	1/17/2022 7:31:00 PM	Lead	Dissolved	<	0.083	µg/L	EPA 200.8	0.083	0.2	WKL	
MO-HUE	2021/22-2	Wet	12/14/2021 3:43:00 PM	1/17/2022 7:34:00 PM	Lead	Total	=	4.7	µg/L	EPA 200.8	0.083	0.2	WKL	
MO-HUE	2021/22-2	Wet	12/14/2021 3:43:00 PM	12/27/2021 3:28:00 PM	Mercury	Dissolved	<	17	ng/L	EPA 245.1	17	50	WKL	
MO-HUE	2021/22-2	Wet	12/14/2021 3:43:00 PM	12/27/2021 3:30:00 PM	Mercury	Total	<	17	ng/L	EPA 245.1	17	50	WKL	
MO-HUE	2021/22-2	Wet	12/14/2021 3:43:00 PM	1/17/2022 7:31:00 PM	Nickel	Dissolved	DNQ	1.8	µg/L	EPA 200.8	0.16	2	WKL	
MO-HUE	2021/22-2	Wet	12/14/2021 3:43:00 PM	1/17/2022 7:34:00 PM	Nickel	Total	=	5.1	µg/L	EPA 200.8	0.16	2	WKL	
MO-HUE	2021/22-2	Wet	12/14/2021 3:43:00 PM	1/17/2022 7:31:00 PM	Selenium	Dissolved	DNQ	0.17	µg/L	EPA 200.8	0.067	0.4	WKL	
MO-HUE	2021/22-2	Wet	12/14/2021 3:43:00 PM	1/17/2022 7:34:00 PM	Selenium	Total	DNQ	0.32	µg/L	EPA 200.8	0.067	0.4	WKL	
MO-HUE	2021/22-2	Wet	12/14/2021 3:43:00 PM	1/17/2022 7:31:00 PM	Silver	Dissolved	<	0.03	µg/L	EPA 200.8	0.03	0.2	WKL	
MO-HUE	2021/22-2	Wet	12/14/2021 3:43:00 PM	1/17/2022 7:34:00 PM	Silver	Total	DNQ	0.03	µg/L	EPA 200.8	0.03	0.2	WKL	UL-MB
MO-HUE	2021/22-2	Wet	12/14/2021 3:43:00 PM	1/17/2022 7:31:00 PM	Thallium	Dissolved	DNQ	0.024	µg/L	EPA 200.8	0.021	0.2	WKL	
MO-HUE	2021/22-2	Wet	12/14/2021 3:43:00 PM	1/17/2022 7:34:00 PM	Thallium	Total	DNQ	0.041	µg/L	EPA 200.8	0.021	0.2	WKL	
MO-HUE	2021/22-2	Wet	12/14/2021 3:43:00 PM	1/17/2022 7:31:00 PM	Zinc	Dissolved	=	13	µg/L	EPA 200.8	0.8	10	WKL	
MO-HUE	2021/22-2	Wet	12/14/2021 3:43:00 PM	1/17/2022 7:34:00 PM	Zinc	Total	=	56	µg/L	EPA 200.8	0.8	10	WKL	
MO-HUE	2021/22-2	Wet	12/14/2021 3:43:00 PM	12/29/2021 4:08:00 PM	Ammonia as N	n/a	=	0.58	mg/L	EPA 350.1	0.017	0.1	WKL	
MO-HUE	2021/22-2	Wet	12/14/2021 3:43:00 PM	1/10/2022 5:02:00 PM	Nitrate + Nitrite as N	n/a	=	0.47	mg/L	EPA 353.2	0.036	0.2	WKL	
MO-HUE	2021/22-2	Wet	12/14/2021 3:43:00 PM	12/29/2021 7:34:00 PM	Phosphorus as P	Dissolved	=	0.068	mg/L	EPA 200.7	0.018	0.05	WKL	
MO-HUE	2021/22-2	Wet	12/14/2021 3:43:00 PM	12/29/2021 7:37:00 PM	Phosphorus as P	Total	=	0.61	mg/L	EPA 200.7	0.018	0.05	WKL	
MO-HUE	2021/22-2	Wet	12/14/2021 3:43:00 PM	1/6/2022 6:19:00 PM	TKN	n/a	=	2.3	mg/L	EPA 351.2	0.13	0.2	WKL	
MO-HUE	2021/22-2	Wet	12/14/2021 3:43:00 PM	1/19/2022 3:19:00 AM	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
MO-HUE	2021/22-2	Wet	12/14/2021 3:43:00 PM	1/19/2022 3:19:00 AM	1,2-Dichlorobenzene	n/a	<	0.46	µg/L	EPA 625.1	0.46	1	WKL	
MO-HUE	2021/22-2	Wet	12/14/2021 3:43:00 PM	1/19/2022 3:19:00 AM	1,2-Diphenylhydrazine	n/a	<	0.3	µg/L	EPA 625.1	0.3	1	WKL	
MO-HUE	2021/22-2	Wet	12/14/2021 3:43:00 PM	1/19/2022 3:19:00 AM	1,3-Dichlorobenzene	n/a	<	0.42	µg/L	EPA 625.1	0.42	1	WKL	
MO-HUE	2021/22-2	Wet	12/14/2021 3:43:00 PM	1/19/2022 3:19:00 AM	1,4-Dichlorobenzene	n/a	<	0.48	µg/L	EPA 625.1	0.48	1	WKL	
MO-HUE	2021/22-2	Wet	12/14/2021 3:43:00 PM	1/15/2022 3:31:00 PM	1-Methylnaphthalene	n/a	<	0.024	µg/L	EPA 8270C	0.024	0.1	WKL	
MO-HUE	2021/22-2	Wet	12/14/2021 3:43:00 PM	1/14/2022 8:58:00 AM	2,4,5-Trichlorophenol	n/a	<	0.29	µg/L	EPA 8270C	0.29	1	WKL	
MO-HUE	2021/22-2	Wet	12/14/2021 3:43:00 PM	1/19/2022 3:19:00 AM	2,4,6-Trichlorophenol	n/a	<	0.22	µg/L	EPA 625.1	0.22	1	WKL	
MO-HUE	2021/22-2	Wet	12/14/2021 3:43:00 PM	1/14/2022 8:58:00 AM	2,4,6-Trichlorophenol	n/a	<	0.3	µg/L	EPA 8270C	0.3	1	WKL	
MO-HUE	2021/22-2	Wet	12/14/2021 3:43:00 PM	1/19/2022 3:19:00 AM	2,4-Dichlorophenol	n/a	<	0.26	µg/L	EPA 625.1	0.26	1	WKL	
MO-HUE	2021/22-2	Wet	12/14/2021 3:43:00 PM	1/14/2022 8:58:00 AM	2,4-Dichlorophenol	n/a	<	0.51	µg/L	EPA 8270C	0.51	1	WKL	
MO-HUE	2021/22-2	Wet	12/14/2021 3:43:00 PM	1/19/2022 3:19:00 AM	2,4-Dimethylphenol	n/a	<	0.76	µg/L	EPA 625.1	0.76	1	WKL	L-CSRPD, LB-L
MO-HUE	2021/22-2	Wet	12/14/2021 3:43:00 PM	1/14/2022 8:58:00 AM	2,4-Dimethylphenol	n/a	<	1	µg/L	EPA 8270C	1	2	WKL	EST-LCSRPD
MO-HUE	2021/22-2	Wet	12/14/2021 3:43:00 PM	1/14/2022 8:58:00 AM	2,4-Dinitrophenol	n/a	<	1	µg/L	EPA 8270C	1	2	WKL	
MO-HUE	2021/22-2	Wet	12/14/2021 3:43:00 PM	1/19/2022 3:19:00 AM	2,4-Dinitrophenol	n/a	<	1.9	µg/L	EPA 625.1	1.9	10	WKL	
MO-HUE	2021/22-2	Wet	12/14/2021 3:43:00 PM	1/19/2022 3:19:00 AM	2,4-Dinitrotoluene	n/a	<	0.46	µg/L	EPA 625.1	0.46	1	WKL	
MO-HUE	2021/22-2	Wet	12/14/2021 3:43:00 PM	1/19/2022 3:19:00 AM	2,6-Dinitrotoluene	n/a	<	0.27	µg/L	EPA 625.1	0.27	1	WKL	
MO-HUE	2021/22-2	Wet	12/14/2021 3:43:00 PM	1/19/2022 3:19:00 AM	2-Chloronaphthalene	n/a	<	0.45	µg/L	EPA 625.1	0.45	1	WKL	
MO-HUE	2021/22-2	Wet	12/14/2021 3:43:00 PM	1/19/2022 3:19:00 AM	2-Chlorophenol	n/a	<	0.28	µg/L	EPA 625.1	0.28	1	WKL	
MO-HUE	2021/22-2	Wet	12/14/2021 3:43:00 PM	1/14/2022 8:58:00 AM	2-Chlorophenol	n/a	<	0.65	µg/L	EPA 8270C	0.65	1	WKL	
MO-HUE	2021/22-2	Wet	12/14/2021 3:43:00 PM	1/15/2022 3:31:00 PM	2-Methylnaphthalene	n/a	<	0.026	µg/L	EPA 8270C	0.026	0.1	WKL	
MO-HUE	2021/22-2	Wet	12/14/2021 3:43:00 PM	1/14/2022 8:58:00 AM	2-Methylphenol	n/a	<	0.34	µg/L	EPA 8270C	0.34	1	WKL	
MO-HUE	2021/22-2	Wet	12/14/2021 3:43:00 PM	1/19/2022 3:19:00 AM	2-Nitrophenol	n/a	<	0.26	µg/L	EPA 625.1	0.26	1	WKL	
MO-HUE	2021/22-2	Wet	12/14/2021 3:43:00 PM	1/14/2022 8:58:00 AM	2-Nitrophenol	n/a	<	0.71	µg/L	EPA 8270C	0.71	1	WKL	
MO-HUE	2021/22-2	Wet	12/14/2021 3:43:00 PM	1/19/2022 3:19:00 AM	3,3'-Dichlorobenzidine	n/a	<	2.5	µg/L	EPA 625.1	2.5	5	WKL	
MO-HUE	2021/22-2	Wet	12/14/2021 3:43:00 PM	1/14/2022 8:58:00 AM	3-4-Methylphenol	n/a	<	0.3	µg/L	EPA 8270C	0.3	1	WKL	
MO-HUE	2021/22-2	Wet	12/14/2021 3:43:00 PM	1/19/2022 3:19:00 AM	4,6-Dinitro-2-methylphenol	n/a	<	0.5	µg/L	EPA 625.1	0.5	5	WKL	
MO-HUE	2021/22-2	Wet	12/14/2021 3:43:00 PM	1/14/2022 8:58:00 AM	4,6-Dinitro-2-methylphenol	n/a	<	0.14	µg/L	EPA 8270C	0.14	1	WKL	
MO-HUE	2021/22-2	Wet	12/14/2021 3:43:00 PM	1/19/2022 3:19:00 AM	4-Bromophenyl phenyl ether	n/a	<	0.36	µg/L	EPA 625.1	0.36	1	WKL	
MO-HUE	2021/22-2	Wet	12/14/2021 3:43:00 PM	1/19/2022 3:19:00 AM	4-Chloro-3-methylphenol	n/a	<	0.23	µg/L	EPA 625.1	0.23	1	WKL	
MO-HUE	2021/22-2	Wet	12/14/2021 3:43:00 PM	1/14/2022 8:58:00 AM	4-Chloro-3-methylphenol	n/a	<	0.37	µg/L	EPA 8270C	0.37	1	WKL	
MO-HUE	2021/22-2	Wet	12/14/2021 3:43:00 PM	1/19/2022 3:19:00 AM	4-Chlorophenyl phenyl ether	n/a	<	0.41	µg/L	EPA 625.1	0.41	1	WKL	
MO-HUE	2021/22-2	Wet	12/14/2021 3:43:00 PM	1/14/2022 8:58:00 AM	4-Nitrophenol	n/a	<	1	µg/L	EPA 8270C	1	2	WKL	
MO-HUE	2021/22-2	Wet	12/14/2021 3:43:00 PM	1/19/2022 3:19:00 AM	4-Nitrophenol	n/a	<	1.2	µg/L	EPA 625.1	1.2	5	WKL	
MO-HUE	2021/22-2	Wet	12/14/2021 3:43:00 PM	1/15/2022 3:31:00 PM	Acenaphthene	n/a	<	0.028	µg/L	EPA 8270C	0.028	0.1	WKL	
MO-HUE	2021/22-2	Wet	12/14/2021 3:43:00 PM	1/19/2022 3:19:00 AM	Acenaphthylene	n/a	<	0.38	µg/L	EPA 625.1	0.38	1	WKL	
MO-HUE	2021/22-2	Wet	12/14/2021 3:43:00 PM	1/19/2022 3:19:00 AM	Acenaphthylene	n/a	<	0.35	µg/L	EPA 625.1	0.35	1	WKL	
MO-HUE	2021/22-2	Wet	12/14/2021 3:43:00 PM	1/15/2022 3:31:00 PM	Acenaphthylene	n/a	<	0.033	µg/L	EPA 8270C	0.033	0.1	WKL	
MO-HUE	2021/22-2	Wet	12/14/2021 3:43:00 PM	1/15/2022 3:31:00 PM	Anthracene	n/a	<	0.025	µg/L	EPA 8270C	0.025	0.1	WKL	
MO-HUE	2021/22-2	Wet	12/14/2021 3:43:00 PM	1/19/2022 3:19:00 AM	Anthracene	n/a	<	0.41	µg/L	EPA 625.1	0.41	1	WKL	
MO-HUE	2021/22-2	Wet	12/14/2021 3:43:00 PM	1/19/2022 3:19:00 AM	Benz(a)anthracene	n/a	<	0.19	µg/L	EPA 625.1	0.19	1	WKL	
MO-HUE	2021/22-2	Wet	12/14/2021 3:43:00 PM	1/15/2022 3:31:00 PM	Benz(a)anthracene	n/a	<	0.051	µg/L	EPA 8270C	0.051	0.1	WKL	
MO-HUE	2021/22-2	Wet	12/14/2021 3:43:00 PM	1/19/2022 3:19:00 AM	Benzenzidine	n/a	<	3.2	µg/L	EPA 625.1	3.2	10	WKL	
MO-HUE	2021/22-2	Wet	12/14/2021 3:43:00 PM	12/22/2021 11:58:00 PM	Benzo(a)pyrene	n/a	<	0.1	µg/L	EPA 525.2	0.1	0.5	WKL	
MO-HUE	2021/22-2	Wet	12/14/2021 3:43:00 PM	1/19/2022 3:19:00 AM	Benzo(a)pyrene	n/a	<	0.39	µg/L	EPA 625.1	0.39	1	WKL	
MO-HUE	2021/22-2	Wet	12/14/2021 3:43:00 PM	1/15/2022 3:31:00 PM	Benzo(a)pyrene	n/a	<	0.051	µg/L	EPA 8270C	0.051	0.1	WKL	
MO-HUE	2021/22-2	Wet	12/14/2021 3:43:00 PM	1/19/2022 3:19:00 AM	Benzo(b)fluoranthene	n/a	<	0.46	µg/L	EPA 625.1	0.46	1	WKL	
MO-HUE	2021/22-2	Wet	12/14/2021 3:43:00 PM	1/15/2022 3:31:00 PM	Benzo(b)fluoranthene	n/a	<	0.074	µg/L	EPA 8270C	0.074	0.1	WKL	
MO-HUE	2021/22-2	Wet	12/14/2021 3:43:00 PM	1/15/2022 3:31:00 PM	Benzo(g,h,i)perylene	n/a	<	0.05	µg/L	EPA 8270C	0.05	0.1	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-HUE	2021/22-2	Wet	12/14/2021 3:43:00 PM	1/19/2022 3:19:00 AM	Benzo(g,h,i)perylene	n/a	<	0.42	µg/L	EPA 625.1	0.42	2	WKL	
MO-HUE	2021/22-2	Wet	12/14/2021 3:43:00 PM	1/19/2022 3:19:00 AM	Benzo(k)fluoranthene	n/a	<	0.22	µg/L	EPA 625.1	0.22	1	WKL	
MO-HUE	2021/22-2	Wet	12/14/2021 3:43:00 PM	1/15/2022 3:31:00 PM	Benzo(k)fluoranthene	n/a	<	0.026	µg/L	EPA 8270C	0.026	0.1	WKL	
MO-HUE	2021/22-2	Wet	12/14/2021 3:43:00 PM	1/19/2022 3:19:00 AM	Bis(2-chloroethoxy)methane	n/a	<	0.25	µg/L	EPA 625.1	0.25	1	WKL	
MO-HUE	2021/22-2	Wet	12/14/2021 3:43:00 PM	1/19/2022 3:19:00 AM	Bis(2-chloroethyl)ether	n/a	<	0.27	µg/L	EPA 625.1	0.27	1	WKL	
MO-HUE	2021/22-2	Wet	12/14/2021 3:43:00 PM	1/19/2022 3:19:00 AM	Bis(2-chloroisopropyl)ether	n/a	<	0.38	µg/L	EPA 625.1	0.38	1	WKL	
MO-HUE	2021/22-2	Wet	12/14/2021 3:43:00 PM	12/22/2021 11:58:00 PM	Bis(2-ethylhexyl)adipate	n/a	<	2.1	µg/L	EPA 525.2	2.1	25	WKL	
MO-HUE	2021/22-2	Wet	12/14/2021 3:43:00 PM	1/19/2022 3:19:00 AM	Bis(2-ethylhexyl)phthalate	n/a	=	22	µg/L	EPA 625.1	2.3	5	WKL	Q
MO-HUE	2021/22-2	Wet	12/14/2021 3:43:00 PM	12/22/2021 11:58:00 PM	Bis(2-ethylhexyl)phthalate	n/a	=	2	µg/L	EPA 525.2	2	15	WKL	
MO-HUE	2021/22-2	Wet	12/14/2021 3:43:00 PM	1/19/2022 3:19:00 AM	Butyl benzyl phthalate	n/a	DNQ	0.61	µg/L	EPA 625.1	0.49	1	WKL	
MO-HUE	2021/22-2	Wet	12/14/2021 3:43:00 PM	1/19/2022 3:19:00 AM	Chrysene	n/a	<	0.19	µg/L	EPA 625.1	0.19	1	WKL	
MO-HUE	2021/22-2	Wet	12/14/2021 3:43:00 PM	1/15/2022 3:31:00 PM	Chrysene	n/a	<	0.074	µg/L	EPA 8270C	0.074	0.1	WKL	
MO-HUE	2021/22-2	Wet	12/14/2021 3:43:00 PM	1/19/2022 3:19:00 AM	Dibenz(a,h)anthracene	n/a	<	0.15	µg/L	EPA 625.1	0.15	2	WKL	
MO-HUE	2021/22-2	Wet	12/14/2021 3:43:00 PM	1/15/2022 3:31:00 PM	Dibenz(a,h)anthracene	n/a	<	0.036	µg/L	EPA 8270C	0.036	0.1	WKL	
MO-HUE	2021/22-2	Wet	12/14/2021 3:43:00 PM	1/19/2022 3:19:00 AM	Diethyl phthalate	n/a	<	0.35	µg/L	EPA 625.1	0.35	1	WKL	
MO-HUE	2021/22-2	Wet	12/14/2021 3:43:00 PM	1/19/2022 3:19:00 AM	Dimethyl phthalate	n/a	=	1.8	µg/L	EPA 625.1	0.18	1	WKL	
MO-HUE	2021/22-2	Wet	12/14/2021 3:43:00 PM	1/19/2022 3:19:00 AM	Di-n-butylphthalate	n/a	DNQ	0.43	µg/L	EPA 625.1	0.34	1	WKL	
MO-HUE	2021/22-2	Wet	12/14/2021 3:43:00 PM	1/19/2022 3:19:00 AM	Di-n-octylphthalate	n/a	<	0.46	µg/L	EPA 625.1	0.46	1	WKL	
MO-HUE	2021/22-2	Wet	12/14/2021 3:43:00 PM	1/19/2022 3:19:00 AM	Fluoranthene	n/a	<	0.35	µg/L	EPA 625.1	0.35	1	WKL	
MO-HUE	2021/22-2	Wet	12/14/2021 3:43:00 PM	1/15/2022 3:31:00 PM	Fluoranthene	n/a	DNQ	0.071	µg/L	EPA 8270C	0.039	0.1	WKL	
MO-HUE	2021/22-2	Wet	12/14/2021 3:43:00 PM	1/19/2022 3:19:00 AM	Fluorene	n/a	<	0.35	µg/L	EPA 625.1	0.35	1	WKL	
MO-HUE	2021/22-2	Wet	12/14/2021 3:43:00 PM	1/15/2022 3:31:00 PM	Fluorene	n/a	<	0.029	µg/L	EPA 8270C	0.029	0.1	WKL	
MO-HUE	2021/22-2	Wet	12/14/2021 3:43:00 PM	1/19/2022 3:19:00 AM	Hexachlorobenzene	n/a	<	0.49	µg/L	EPA 625.1	0.49	1	WKL	
MO-HUE	2021/22-2	Wet	12/14/2021 3:43:00 PM	1/19/2022 3:19:00 AM	Hexachlorobutadiene	n/a	<	0.47	µg/L	EPA 625.1	0.47	1	WKL	
MO-HUE	2021/22-2	Wet	12/14/2021 3:43:00 PM	1/19/2022 3:19:00 AM	Hexachlorocyclopentadiene	n/a	<	0.31	µg/L	EPA 625.1	0.31	5	WKL	
MO-HUE	2021/22-2	Wet	12/14/2021 3:43:00 PM	12/22/2021 11:58:00 PM	Hexachlorocyclopentadiene	n/a	<	0.46	µg/L	EPA 525.2	0.46	5	WKL	
MO-HUE	2021/22-2	Wet	12/14/2021 3:43:00 PM	1/19/2022 3:19:00 AM	Hexachlorocyclopentadiene	n/a	<	0.5	µg/L	EPA 625.1	0.5	1	WKL	
MO-HUE	2021/22-2	Wet	12/14/2021 3:43:00 PM	1/19/2022 3:19:00 AM	Indeno(1,2,3-cd)pyrene	n/a	<	0.25	µg/L	EPA 625.1	0.25	2	WKL	
MO-HUE	2021/22-2	Wet	12/14/2021 3:43:00 PM	1/15/2022 3:31:00 PM	Indeno(1,2,3-cd)pyrene	n/a	<	0.065	µg/L	EPA 8270C	0.065	0.1	WKL	
MO-HUE	2021/22-2	Wet	12/14/2021 3:43:00 PM	1/19/2022 3:19:00 AM	Isophorone	n/a	<	0.21	µg/L	EPA 625.1	0.21	1	WKL	
MO-HUE	2021/22-2	Wet	12/14/2021 3:43:00 PM	1/15/2022 3:31:00 PM	Naphthalene	n/a	<	0.026	µg/L	EPA 8270C	0.026	0.1	WKL	
MO-HUE	2021/22-2	Wet	12/14/2021 3:43:00 PM	1/19/2022 3:19:00 AM	Naphthalene	n/a	<	0.49	µg/L	EPA 625.1	0.49	1	WKL	
MO-HUE	2021/22-2	Wet	12/14/2021 3:43:00 PM	1/19/2022 3:19:00 AM	Nitrobenzene	n/a	<	0.36	µg/L	EPA 625.1	0.36	1	WKL	
MO-HUE	2021/22-2	Wet	12/14/2021 3:43:00 PM	1/19/2022 3:19:00 AM	N-Nitrosodimethylamine	n/a	<	0.5	µg/L	EPA 625.1	0.5	1	WKL	
MO-HUE	2021/22-2	Wet	12/14/2021 3:43:00 PM	1/19/2022 3:19:00 AM	N-Nitrosodi-N-propylamine	n/a	<	0.26	µg/L	EPA 625.1	0.26	1	WKL	
MO-HUE	2021/22-2	Wet	12/14/2021 3:43:00 PM	1/19/2022 3:19:00 AM	N-Nitrosodiphenylamine	n/a	<	0.19	µg/L	EPA 625.1	0.19	1	WKL	
MO-HUE	2021/22-2	Wet	12/14/2021 3:43:00 PM	1/19/2022 3:19:00 AM	Phenanthrene	n/a	<	0.32	µg/L	EPA 625.1	0.32	1	WKL	
MO-HUE	2021/22-2	Wet	12/14/2021 3:43:00 PM	1/15/2022 3:31:00 PM	Phenanthrene	n/a	<	0.029	µg/L	EPA 8270C	0.029	0.1	WKL	
MO-HUE	2021/22-2	Wet	12/14/2021 3:43:00 PM	1/19/2022 3:19:00 AM	Phenol	n/a	<	0.81	µg/L	EPA 625.1	0.81	1	WKL	
MO-HUE	2021/22-2	Wet	12/14/2021 3:43:00 PM	1/14/2022 8:58:00 AM	Phenol	n/a	<	0.35	µg/L	EPA 8270C	0.35	1	WKL	
MO-HUE	2021/22-2	Wet	12/14/2021 3:43:00 PM	1/19/2022 3:19:00 AM	Pyrene	n/a	<	0.25	µg/L	EPA 625.1	0.25	1	WKL	
MO-HUE	2021/22-2	Wet	12/14/2021 3:43:00 PM	1/15/2022 3:31:00 PM	Pyrene	n/a	DNQ	0.065	µg/L	EPA 8270C	0.04	0.1	WKL	
MO-HUE	2021/22-2	Wet	12/14/2021 3:43:00 PM	1/13/2022 2:37:00 PM	PCB Aroclor 1016	n/a	<	5	µg/L	EPA 608.3	5	5	WKL	
MO-HUE	2021/22-2	Wet	12/14/2021 3:43:00 PM	1/13/2022 2:37:00 PM	PCB Aroclor 1221	n/a	<	5	µg/L	EPA 608.3	5	5	WKL	
MO-HUE	2021/22-2	Wet	12/14/2021 3:43:00 PM	1/13/2022 2:37:00 PM	PCB Aroclor 1232	n/a	<	5	µg/L	EPA 608.3	5	5	WKL	
MO-HUE	2021/22-2	Wet	12/14/2021 3:43:00 PM	1/13/2022 2:37:00 PM	PCB Aroclor 1242	n/a	<	5	µg/L	EPA 608.3	5	5	WKL	
MO-HUE	2021/22-2	Wet	12/14/2021 3:43:00 PM	1/13/2022 2:37:00 PM	PCB Aroclor 1248	n/a	<	5	µg/L	EPA 608.3	5	5	WKL	
MO-HUE	2021/22-2	Wet	12/14/2021 3:43:00 PM	1/13/2022 2:37:00 PM	PCB Aroclor 1254	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
MO-HUE	2021/22-2	Wet	12/14/2021 3:43:00 PM	1/13/2022 2:37:00 PM	PCB Aroclor 1260	n/a	<	5	µg/L	EPA 608.3	5	5	WKL	
MO-HUE	2021/22-2	Wet	12/14/2021 3:43:00 PM	1/7/2022 12:36:00 AM	2,4,5-T	n/a	<	0.03	µg/L	EPA 515.4	0.03	0.2	WKL	
MO-HUE	2021/22-2	Wet	12/14/2021 3:43:00 PM	1/7/2022 12:36:00 AM	2,4,5-TP	n/a	<	0.026	µg/L	EPA 515.4	0.026	0.2	WKL	
MO-HUE	2021/22-2	Wet	12/14/2021 3:43:00 PM	1/7/2022 12:36:00 AM	2,4-D	n/a	<	8	µg/L	EPA 515.4	8	8	WKL	
MO-HUE	2021/22-2	Wet	12/14/2021 3:43:00 PM	1/7/2022 12:36:00 AM	2,4-DB	n/a	<	0.19	µg/L	EPA 515.4	0.19	2	WKL	
MO-HUE	2021/22-2	Wet	12/14/2021 3:43:00 PM	1/7/2022 12:36:00 AM	3,5-Dichlorobenzoic acid	n/a	<	0.12	µg/L	EPA 515.4	0.12	1	WKL	
MO-HUE	2021/22-2	Wet	12/14/2021 3:43:00 PM	1/13/2022 2:37:00 PM	4,4'-DDD	n/a	<	0.0035	µg/L	EPA 608.3	0.0035	0.25	WKL	
MO-HUE	2021/22-2	Wet	12/14/2021 3:43:00 PM	1/13/2022 2:37:00 PM	4,4'-DDE	n/a	DNQ	0.0054	µg/L	EPA 608.3	0.0035	0.25	WKL	
MO-HUE	2021/22-2	Wet	12/14/2021 3:43:00 PM	1/13/2022 2:37:00 PM	4,4'-DDT	n/a	<	0.0055	µg/L	EPA 608.3	0.0055	0.05	WKL	
MO-HUE	2021/22-2	Wet	12/14/2021 3:43:00 PM	1/7/2022 12:36:00 AM	Acifluorfen	n/a	<	0.03	µg/L	EPA 515.4	0.03	0.4	WKL	
MO-HUE	2021/22-2	Wet	12/14/2021 3:43:00 PM	12/22/2021 11:58:00 PM	Alachlor	n/a	<	0.15	µg/L	EPA 525.2	0.15	0.5	WKL	
MO-HUE	2021/22-2	Wet	12/14/2021 3:43:00 PM	1/13/2022 2:37:00 PM	Aldrin	n/a	<	0.005	µg/L	EPA 608.3	0.005	0.025	WKL	
MO-HUE	2021/22-2	Wet	12/14/2021 3:43:00 PM	1/13/2022 2:37:00 PM	alpha-BHC	n/a	<	0.0055	µg/L	EPA 608.3	0.0055	0.05	WKL	
MO-HUE	2021/22-2	Wet	12/14/2021 3:43:00 PM	1/13/2022 2:37:00 PM	alpha-Chlordane	n/a	<	0.014	µg/L	EPA 608.3	0.014	0.05	WKL	
MO-HUE	2021/22-2	Wet	12/14/2021 3:43:00 PM	12/22/2021 11:58:00 PM	Atrazine	n/a	<	0.054	µg/L	EPA 525.2	0.054	0.5	WKL	
MO-HUE	2021/22-2	Wet	12/14/2021 3:43:00 PM	12/28/2021 10:12:00 AM	Azinphos methyl	n/a	<	0.0055	µg/L	EPA 625.1m	0.0055	0.01	WKL	
MO-HUE	2021/22-2	Wet	12/14/2021 3:43:00 PM	1/7/2022 12:36:00 AM	Bentazon	n/a	<	0.23	µg/L	EPA 515.4	0.23	2	WKL	
MO-HUE	2021/22-2	Wet	12/14/2021 3:43:00 PM	1/13/2022 2:37:00 PM	beta-BHC	n/a	<	0.05	µg/L	EPA 608.3	0.05	0.05	WKL	
MO-HUE	2021/22-2	Wet	12/14/2021 3:43:00 PM	12/28/2021 10:12:00 AM	Bolstar	n/a	<	0.0046	µg/L	EPA 625.1m	0.0046	0.01	WKL	
MO-HUE	2021/22-2	Wet	12/14/2021 3:43:00 PM	12/22/2021 11:58:00 PM	Bromacil	n/a	<	0.35	µg/L	EPA 525.2	0.35	2.5	WKL	
MO-HUE	2021/22-2	Wet	12/14/2021 3:43:00 PM	12/22/2021 11:58:00 PM	Butachlor	n/a	<	0.061	µg/L	EPA 525.2	0.061	0.5	WKL	
MO-HUE	2021/22-2	Wet	12/14/2021 3:43:00 PM	12/22/2021 11:58:00 PM	Captan	n/a	<	1.6	µg/L	EPA 525.2	1.6	5	WKL	
MO-HUE	2021/22-2	Wet	12/14/2021 3:43:00 PM	1/13/2022 2:37:00 PM	Chlordane (technical)	n/a	<	0.5	µg/L	EPA 608.3	0.5	0.5	WKL	
MO-HUE	2021/22-2	Wet	12/14/2021 3:43:00 PM	12/22/2021 11:58:00 PM	Chlorpropham	n/a	<	0.2	µg/L	EPA 525.2	0.2	0.5	WKL	
MO-HUE	2021/22-2	Wet	12/14/2021 3:43:00 PM	12/28/2021 10:12:00 AM	Chlorpyrifos	n/a	<	0.0069	µg/L	EPA 625.1m	0.0069	0.01	WKL	
MO-HUE	2021/22-2	Wet	12/14/2021 3:43:00 PM	12/28/2021 10:12:00 AM	Coumaphos	n/a	<	0.0051	µg/L	EPA 625.1m	0.0051	0.01	WKL	
MO-HUE	2021/22-2	Wet	12/14/2021 3:43:00 PM	1/7/2022 12:36:00 AM	Dalapon	n/a	<	0.11	µg/L	EPA 515.4	0.11	0.4	WKL	
MO-HUE	2021/22-2	Wet	12/14/2021 3:43:00 PM	1/7/2022 12:36:00 AM	DCPA (Dacthal)	n/a	<	0.029	µg/L	EPA 515.4	0.029	0.1	WKL	
MO-HUE	2021/22-2	Wet	12/14/2021 3:43:00 PM	1/13/2022 2:37:00 PM	delta-BHC	n/a	<	0.0095	µg/L	EPA 608.3	0.0095	0.025	WKL	EST-LCSRPD
MO-HUE	2021/22-2	Wet	12/14/2021 3:43:00 PM	12/28/2021 10:12:00 AM	Demeton-O	n/a	<	0.01	µg/L	EPA 625.1m	0.01	0.01	WKL	LB-LCSR
MO-HUE	2021/22-2	Wet	12/14/2021 3:43:00 PM	12/28/2021 10:12:00 AM	Demeton-S	n/a	<	0.01	µg/L	EPA 625.1m	0.01	0.01	WKL	LB-LCSR
MO-HUE	2021/22-2	Wet	12/14/2021 3:43:00 PM	12/22/2021 11:58:00 PM	Diazinon	n/a	<	0.11	µg/L	EPA 525.2	0.11	0.5	WKL	
MO-HUE	2021/22-2	Wet	12/14/2021 3:43:00 PM	12/28/2021 10:12:00 AM	Diazinon	n/a	<	0.0052	µg/L	EPA 625.1m	0.0052	0.01	WKL	
MO-HUE	2021/22-2	Wet	12/14/2021 3:43:00 PM	1/7/2022 12:36:00 AM	Dicamba	n/a	<	0.049	µg/L	EPA 515.4	0.049	0.6	WKL	
MO-HUE	2021/22-2	Wet	12/14/2021 3:43:00 PM	1/7/2022 12:36:00 AM	Dichlorprop	n/a	<	0.12	µg/L	EPA 515.4	0.12	0.3	WKL	
MO-HUE	2021/22-2	Wet	12/14/2021 3:43:00 PM	12/28/2021 10:12:00 AM	Dichlorvos	n/a	<	0.0029	µg/L	EPA 625.1m	0.0029	0.01	WKL	
MO-HUE	2021/22-2	Wet	12/14/2021 3:43:00 PM	1/13/2022 2:37:00 PM	Dieldrin	n/a	<	0.004	µg/L	EPA 608.3	0.004	0.05	WKL	
MO-HUE	2021/22-2	Wet	12/14/2021 3:43:00 PM	12/22/2021 11:58:00 PM	Dimethoate	n/a	<	0.1	µg/L	EPA 525.2	0.1	1	WKL	
MO-HUE	2021/22-2	Wet	12/14/2021 3:43:00 PM	12/28/2021 10:12:00 AM	Dimethoate	n/a	<	0.0062	µg/L	EPA 625.1m	0.0062	0.01	WKL	LB-LCSR
MO-HUE	2021/22-2	Wet	12/14/2021 3:43:00 PM	1/7/2022 12:36:00 AM	Dinoseb	n/a	<	0.033	µg/L	EPA 515.4	0.033	0.4	WKL	
MO-HUE	2021/22-2	Wet	12/14/2021 3:43:00 PM	12/22/2021 11:58:00 PM	Diphenamid	n/a	<	0.15	µg/L	EPA 525.2	0.15	0.5	WKL	
MO-HUE	2021/22-2	Wet	12/14/2021 3:43:00 PM	12/28/2021 10:12:00 AM	Disulfoton	n/a	<	0.01	µg/L	EPA 625.1m	0.01	0.01	WKL	
MO-HUE	2021/22-2	Wet	12/14/2021 3:43:00 PM	12/22/2021 11:58:00 PM	Disulfoton	n/a	<	0.077	µg/L	EPA 525.2	0.077	0.5	WKL	
MO-HUE	2021/22-2	Wet	12/14/2021 3:43:00 PM	1/13/2022 2:37:00 PM	Endosulfan I	n/a	<	0.0045	µg/L	EPA 608.3	0.0045	0.1	WKL	
MO-HUE	2021/22-2	Wet	12/14/2021 3:43:00 PM	1/13/2022 2:37:00 PM	Endosulfan II	n/a	<	0.0035	µg/L	EPA 608.3	0.0035	0.05	WKL	
MO-HUE	2021/22-2	Wet	12/14/2021 3:43:00 PM	1/13/2022 2:37:00 PM	Endosulfan sulfate	n/a	<	0.0065	µg/L	EPA 608.3	0.0065	0.25	WKL	
MO-HUE	2021/22-2	Wet	12/14/2021 3:43:00 PM	1/13/2022 2:37:00 PM	Endrin	n/a	<	0.0085	µg/L	EPA 608.3	0.0085	0.05	WKL	
MO-HUE	2021/22-2	Wet	12/14/2021 3:43:00 PM	1/13/2022 2:37:00 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
MO-HUE	2021/22-2	Wet	12/14/2021 3:43:00 PM	12/22/2021 11:58:00 PM	EPTC	n/a	<	0.1	µg/L	EPA 525.2	0.1	0.5	WKL	
MO-HUE	2021/22-2	Wet	12/14/2021 3:43:00 PM	12/28/2021 10:12:00 AM	Ethoprop	n/a	<	0.0067	µg/L	EPA 625.1m	0.0067	0.01	WKL	LB-LCSR
MO-HUE	2021/22-2	Wet	12/14/2021 3:43:00 PM	12/28/2021 10:12:00 AM	Ethyl parathion	n/a	<	0.0054	µg/L	EPA 625.1m	0.0054	0.01	WKL	
MO-HUE	2021/22-2	Wet	12/14/2021 3:43:00 PM	12/28/2021 10:12:00 AM	Fensulfothion	n/a	<	0.0029	µg/L	EPA 625.1m	0.0029	0.01	WKL	
MO-HUE	2021/22-2	Wet	12/14/2021 3:43:00 PM	12/28/2021 10:12:00 AM	Fenthion	n/a	<	0.0038	µg/L	EPA 625.1m	0.0038	0.01	WKL	
MO-HUE	2021/22-2	Wet	12/14/2021 3:43:00 PM	1/13/2022 2:37:00 PM	gamma-BHC (Lindane)	n/a	<	0.002	µg/L	EPA 608.3	0.002	0.1	WKL	
MO-HUE	2021/22-2	Wet	12/14/2021 3:43:00 PM	1/13/2022 2:37:00 PM	gamma-Chlordane	n/a	<	0.012	µg/L	EPA 608.3	0.012	0.05	WKL	
MO-HUE	2021/22-2	Wet	12/14/2021 3:43:00 PM	12/17/2021 2:10:00 PM	Glyphosate	n/a	<	18	µg/L	EPA 547	18	50	WKL	
MO-HUE	2021/22-2	Wet	12/14/2021 3:43:00 PM	1/13/2022 2:37:00 PM	Heptachlor	n/a	<	0.003	µg/L	EPA 608.3	0.003	0.05	WKL	
MO-HUE	2021/22-2	Wet	12/14/2021 3:43:00 PM	1/13/2022 2:37:00 PM	Heptachlor epoxide	n/a	<	0.002	µg/L	EPA 608.3	0.002	0.05	WKL	
MO-HUE	2021/22-2	Wet	12/14/2021 3:43:00 PM	12/28/2021 10:12:00 AM	Malathion	n/a	=	0.013	µg/L	EPA 625.1m	0.0076	0.01	WKL	
MO-HUE	2021/22-2	Wet	12/14/2021 3:43:00 PM	12/28/2021 10:12:00 AM	Merphos	n/a	<	0.0058	µg/L	EPA 625.1m	0.0058	0.01	WKL	
MO-HUE	2021/22-2	Wet	12/14/2021 3:43:00 PM	12/28/2021 10:12:00 AM	Methyl parathion	n/a	<	0.0063	µg/L	EPA 625.1m	0.0063	0.01	WKL	
MO-HUE	2021/22-2	Wet	12/14/2021 3:43:00 PM	12/22/2021 11:58:00 PM	Metolachlor	n/a	<	0.15	µg/L	EPA 525.2	0.15	0.5	WKL	
MO-HUE	2021/22-2	Wet	12/14/2021 3:43:00 PM	12/22/2021 11:58:00 PM	Metribuzin	n/a	<	0.15	µg/L	EPA 525.2	0.15	0.5	WKL	
MO-HUE	2021/22-2	Wet	12/14/2021 3:43:00 PM	12/28/2021 10:12:00 AM	Mevinphos	n/a	<	0.0042	µg/L	EPA 625.1m	0.0042	0.01	WKL	LB-LCSR
MO-HUE	2021/22-2	Wet	12/14/2021 3:43:00 PM	12/22/2021 11:58:00 PM	Molinate	n/a	<	0.15	µg/L	EPA 525.2	0.15	0.5	WKL	
MO-HUE	2021/22-2	Wet	12/14/2021 3:43:00 PM	12/28/2021 10:12:00 AM	Naled	n/a	<	0.0076	µg/L	EPA 625.1m	0.0076	0.01	WKL	
MO-HUE	2021/22-2	Wet	12/14/2021 3:43:00 PM	1/14/2022 8:58:00 AM	Pentachlorophenol	n/a	DNQ	0.97	µg/L	EPA 8270C	0.15	1	WKL	
MO-HUE	2021/22-2	Wet	12/14/2021 3:43:00 PM	1/7/2022 12:36:00 AM	Pentachlorophenol	n/a	DNQ	0.18	µg/L	EPA 515.4	0.046	0.2	WKL	
MO-HUE	2021/22-2	Wet	12/14/2021 3:43:00 PM	1/19/2022 3:19:00 AM	Pentachlorophenol	n/a	<	3	µg/L	EPA 625.1	3	3	WKL	
MO-HUE	2021/22-2	Wet	12/14/2021 3:43:00 PM	12/28/2021 10:12:00 AM	Phorate	n/a	<	0.003	µg/L	EPA 625.1m	0.003	0.01	WKL	
MO-HUE	2021/22-2	Wet	12/14/2021 3:43:00 PM	1/7/2022 12:36:00 AM	Picloram	n/a	<	0.05	µg/L	EPA 515.4	0.05	0.6	WKL	
MO-HUE	2021/22-2	Wet	12/14/2021 3:43:00 PM	12/22/2021 11:58:00 PM	Prometryn	n/a	<	0.15	µg/L	EPA 525.2	0.15	0.5	WKL	
MO-HUE	2021/22-2	Wet	12/14/2021 3:43:00 PM	12/28/2021 10:12:00 AM	Ronnel (Fenchlorphos)	n/a	<	0.0041	µg/L	EPA 625.1m	0.0041	0.01	WKL	
MO-HUE	2021/22-2	Wet	12/14/2021 3:43:00 PM	12/22/2021 11:58:00 PM	Simazine	n/a	<	0.1	µg/L	EPA 525.2	0.1	0.5	WKL	
MO-HUE	2021/22-2	Wet	12/14/2021 3:43:00 PM	12/28/2021 10:12:00 AM	Stirophos (Tetrachlorvinphos)	n/a	<	0.0031	µg/L	EPA 625.1m	0.0031	0.01	WKL	
MO-HUE	2021/22-2	Wet	12/14/2021 3:43:00 PM	12/22/2021 11:58:00 PM	Terbacil	n/a	<	0.45	µg/L	EPA 525.2	0.45	10	WKL	
MO-HUE	2021/22-2	Wet	12/14/2021 3:43:00 PM	12/22/2021 11:58:00 PM	Thiobencarb	n/a	<	0.15	µg/L	EPA 525.2	0.15	0.5	WKL	
MO-HUE	2021/22-2	Wet	12/14/2021 3:43:00 PM	12/28/2021 10:12:00 AM	Tokuthion	n/a	<	0.0078	µg/L	EPA 625.1m	0.0078	0.01	WKL	
MO-HUE	2021/22-2	Wet	12/14/2021 3:43:00 PM	1/13/2022 2:37:00 PM	Toxaphene	n/a	<	5	µg/L	EPA 608.3	5	5	WKL	
MO-HUE	2021/22-2	Wet	12/14/2021 3:43:00 PM	12/28/2021 10:12:00 AM	Trichloronate	n/a	<	0.0067	µg/L	EPA 625.1m	0.0067	0.01	WKL	
MO-HUE	2021/22-2	Wet	12/14/2021 3:43:00 PM	12/22/2021 11:58:00 PM	Trithion	n/a	<	0.1	µg/L	EPA 525.2	0.1	0.5	WKL	
MO-HUE	2021/22-3	Wet	3/28/2022 9:30:00 AM	3/29/2022 11:20:00 AM	E. Coli	n/a	=	19863	MPN/100 mL	MMO-MUG	10	10	VCHCA	
MO-HUE	2021/22-3	Wet	3/28/2022 9:30:00 AM	3/29/2022 11:20:00 AM	Total Coliform	n/a	=	184200	MPN/100 mL	MMO-MUG	1000	1000	VCHCA	
MO-HUE	2021/22-3	Wet	3/28/2022 9:30:00 AM	3/28/2022 9:30:00 AM	Conductivity	n/a	=	801	µmhos/cm	Field Meter	-88	1	Field Crew	
MO-HUE	2021/22-3	Wet	3/28/2022 9:30:00 AM	4/6/2022 3:50:00 PM	Cyanide	Total	=	0.033	mg/L	ASTM D7511	0.0024	0.004	WKL	
MO-HUE	2021/22-3	Wet	3/28/2022 9:30:00 AM	3/28/2022 9:30:00 AM	DO	n/a	=	7.06	mg/L	Field Meter	-88	0.3	Field Crew	
MO-HUE	2021/22-3	Wet	3/28/2022 9:30:00 AM	3/28/2022 9:30:00 AM	DO	n/a	=	69.6	%	Field Meter	-88	0.1	Field Crew	
MO-HUE	2021/22-3	Wet	3/28/2022 9:30:00 AM	3/28/2022 9:30:00 AM	pH	n/a	=	7.29	pH Units	Field Meter	-88	0.01	Field Crew	
MO-HUE	2021/22-3	Wet	3/28/2022 9:30:00 AM	3/28/2022 9:30:00 AM	Salinity	n/a	=	500	mg/L	Field Meter	-88	100	Field Crew	
MO-HUE	2021/22-3	Wet	3/28/2022 9:30:00 AM	3/28/2022 9:30:00 AM	Specific Conductance	n/a	=	1008	µmhos/cm	Field Meter	-88	1	Field Crew	
MO-HUE	2021/22-3	Wet	3/28/2022 9:30:00 AM	3/28/2022 9:30:00 AM	Temperature	n/a	=	14.4	°C	Field Meter	-88	0.1	Field Crew	
MO-HUE	2021/22-3	Wet	3/28/2022 9:30:00 AM	3/30/2022 12:56:00 PM	Gasoline Range Organics	n/a	DNQ	0.067	mg/L	EPA 8260B	0.065	0.1	WKL	
MO-HUE	2021/22-3	Wet	3/28/2022 9:30:00 AM	4/4/2022 1:14:00 PM	Oil and Grease	n/a	DNQ	1.8	mg/L	EPA 1664B	0.6	4	WKL	
MO-HUE	2021/22-3	Wet	3/29/2022 7:55:00 AM	4/1/2022 5:45:00 PM	Chloride	n/a	=	710	mg/L	EPA 300.0	9.5	25	WKL	
MO-HUE	2021/22-3	Wet	3/29/2022 7:55:00 AM	4/1/2022 5:45:00 PM	Fluoride	n/a	DNQ	0.9	mg/L	EPA 300.0	0.45	5	WKL	
MO-HUE	2021/22-3	Wet	3/29/2022 7:55:00 AM	4/1/2022 11:07:00 PM	Perchlorate	n/a	<	3.9	µg/L	EPA 314.0	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-HUE	2021/22-3	Wet	3/29/2022 7:55:00 AM	4/7/2022 7:21:00 PM	Calcium	Total	=	76.8	mg/L	EPA 200.7	0.0234	0.5	WKL	
MO-HUE	2021/22-3	Wet	3/29/2022 7:55:00 AM	4/7/2022 7:21:00 PM	Magnesium	Total	=	60.8	mg/L	EPA 200.7	0.039	0.5	WKL	
MO-HUE	2021/22-3	Wet	3/29/2022 7:55:00 AM	3/31/2022 5:38:00 PM	Alkalinity as CaCO3	n/a	=	96	mg/L	SM 2320 B	1.9	5	WKL	
MO-HUE	2021/22-3	Wet	3/29/2022 7:55:00 AM	4/4/2022 4:06:00 PM	BOD	n/a	=	11	mg/L	SM 5210 B	2	2	WKL	
MO-HUE	2021/22-3	Wet	3/29/2022 7:55:00 AM	4/7/2022 1:15:00 PM	COD	n/a	=	37	mg/L	EPA 410.4	2.9	5	WKL	
MO-HUE	2021/22-3	Wet	3/29/2022 7:55:00 AM	4/7/2022 7:21:00 PM	Hardness as CaCO3	Total	=	442	mg/L	EPA 200.7	0.219	3.31	WKL	
MO-HUE	2021/22-3	Wet	3/29/2022 7:55:00 AM	3/29/2022 6:06:00 PM	MBAS	n/a	=	0.18	mg/L	SM 5540 C	0.013	0.05	WKL	
MO-HUE	2021/22-3	Wet	3/29/2022 7:55:00 AM	4/11/2022 12:33:00 PM	Phenolics	n/a	<	0.0068	mg/L	EPA 420.4	0.0068	0.01	WKL	
MO-HUE	2021/22-3	Wet	3/29/2022 7:55:00 AM	4/8/2022 12:51:00 PM	Specific Conductance	n/a	=	3100	µmhos/cm	SM 2510 B	3.2	6	WKL	
MO-HUE	2021/22-3	Wet	3/29/2022 7:55:00 AM	4/5/2022 4:01:00 PM	Total Dissolved Solids	n/a	=	1700	mg/L	SM 2540 C	4	10	WKL	
MO-HUE	2021/22-3	Wet	3/29/2022 7:55:00 AM	4/14/2022 7:52:00 AM	Total Organic Carbon	n/a	=	12	mg/L	SM 5310 B	0.19	0.3	WKL	
MO-HUE	2021/22-3	Wet	3/29/2022 7:55:00 AM	4/4/2022 10:00:00 AM	Total Suspended Solids	n/a	=	110	mg/L	SM 2540 D	-88	5	WKL	
MO-HUE	2021/22-3	Wet	3/29/2022 7:55:00 AM	3/30/2022 1:21:00 PM	Turbidity	n/a	=	11	NTU	EPA 180.1	0.017	0.1	WKL	
MO-HUE	2021/22-3	Wet	3/29/2022 7:55:00 AM	4/4/2022 3:00:00 PM	Volatile Suspended Solids	n/a	=	42	mg/L	EPA 160.4	3.1	5	WKL	
MO-HUE	2021/22-3	Wet	3/29/2022 7:55:00 AM	4/1/2022 12:44:00 PM	Diesel Range Organics	n/a	=	0.2	mg/L	EPA 8015B	0.14	0.2	WKL	
MO-HUE	2021/22-3	Wet	3/29/2022 7:55:00 AM	4/1/2022 12:44:00 PM	Oil Range Organics	n/a	<	0.66	mg/L	EPA 8015B	0.66	1	WKL	
MO-HUE	2021/22-3	Wet	3/29/2022 7:55:00 AM	4/7/2022 1:43:00 PM	Aluminum	Dissolved	DNQ	8	µg/L	EPA 200.8	4.4	20	WKL	
MO-HUE	2021/22-3	Wet	3/29/2022 7:55:00 AM	4/7/2022 1:43:00 PM	Aluminum	Total	=	1100	µg/L	EPA 200.8	4.4	20	WKL	HB-MSR
MO-HUE	2021/22-3	Wet	3/29/2022 7:55:00 AM	4/7/2022 1:43:00 PM	Antimony	Dissolved	=	0.54	µg/L	EPA 200.8	0.089	0.5	WKL	
MO-HUE	2021/22-3	Wet	3/29/2022 7:55:00 AM	4/7/2022 1:45:00 PM	Antimony	Total	=	0.87	µg/L	EPA 200.8	0.089	0.5	WKL	
MO-HUE	2021/22-3	Wet	3/29/2022 7:55:00 AM	4/7/2022 1:43:00 PM	Arsenic	Dissolved	=	0.76	µg/L	EPA 200.8	0.074	0.4	WKL	
MO-HUE	2021/22-3	Wet	3/29/2022 7:55:00 AM	4/7/2022 1:45:00 PM	Arsenic	Total	=	2	µg/L	EPA 200.8	0.074	0.4	WKL	
MO-HUE	2021/22-3	Wet	3/29/2022 7:55:00 AM	4/7/2022 1:45:00 PM	Barium	Total	=	41	µg/L	EPA 200.8	0.14	1	WKL	
MO-HUE	2021/22-3	Wet	3/29/2022 7:55:00 AM	4/7/2022 1:43:00 PM	Beryllium	Dissolved	<	0.062	µg/L	EPA 200.8	0.062	0.1	WKL	
MO-HUE	2021/22-3	Wet	3/29/2022 7:55:00 AM	4/7/2022 1:45:00 PM	Beryllium	Total	DNQ	0.067	µg/L	EPA 200.8	0.029	0.1	WKL	
MO-HUE	2021/22-3	Wet	3/29/2022 7:55:00 AM	4/7/2022 1:43:00 PM	Cadmium	Dissolved	<	0.042	µg/L	EPA 200.8	0.042	0.2	WKL	
MO-HUE	2021/22-3	Wet	3/29/2022 7:55:00 AM	4/7/2022 1:45:00 PM	Cadmium	Total	=	0.22	µg/L	EPA 200.8	0.042	0.2	WKL	
MO-HUE	2021/22-3	Wet	3/29/2022 7:55:00 AM	4/7/2022 1:43:00 PM	Chromium	Dissolved	=	0.25	µg/L	EPA 200.8	0.089	0.2	WKL	
MO-HUE	2021/22-3	Wet	3/29/2022 7:55:00 AM	4/7/2022 1:45:00 PM	Chromium	Total	=	3	µg/L	EPA 200.8	0.089	0.2	WKL	
MO-HUE	2021/22-3	Wet	3/29/2022 7:55:00 AM	4/6/2022 5:02:00 PM	Chromium VI	n/a	<	0.79	µg/L	EPA 218.6	0.79	2	WKL	
MO-HUE	2021/22-3	Wet	3/29/2022 7:55:00 AM	4/7/2022 1:43:00 PM	Copper	Dissolved	=	2	µg/L	EPA 200.8	0.23	0.5	WKL	
MO-HUE	2021/22-3	Wet	3/29/2022 7:55:00 AM	4/7/2022 1:45:00 PM	Copper	Total	=	11	µg/L	EPA 200.8	0.23	0.5	WKL	
MO-HUE	2021/22-3	Wet	3/29/2022 7:55:00 AM	4/7/2022 1:43:00 PM	Iron	Dissolved	=	280	µg/L	EPA 200.8	3.9	20	WKL	
MO-HUE	2021/22-3	Wet	3/29/2022 7:55:00 AM	4/7/2022 1:45:00 PM	Iron	Total	=	4800	µg/L	EPA 200.8	3.9	20	WKL	
MO-HUE	2021/22-3	Wet	3/29/2022 7:55:00 AM	4/7/2022 1:43:00 PM	Lead	Dissolved	=	0.23	µg/L	EPA 200.8	0.083	0.2	WKL	UL-MB
MO-HUE	2021/22-3	Wet	3/29/2022 7:55:00 AM	4/7/2022 1:45:00 PM	Lead	Total	=	4.4	µg/L	EPA 200.8	0.083	0.2	WKL	
MO-HUE	2021/22-3	Wet	3/29/2022 7:55:00 AM	3/31/2022 11:58:00 AM	Mercury	Dissolved	<	17	ng/L	EPA 245.1	17	50	WKL	
MO-HUE	2021/22-3	Wet	3/29/2022 7:55:00 AM	3/31/2022 12:00:00 PM	Mercury	Total	DNQ	37	ng/L	EPA 245.1	17	50	WKL	
MO-HUE	2021/22-3	Wet	3/29/2022 7:55:00 AM	4/7/2022 1:43:00 PM	Nickel	Dissolved	=	2.3	µg/L	EPA 200.8	0.16	2	WKL	
MO-HUE	2021/22-3	Wet	3/29/2022 7:55:00 AM	4/7/2022 1:45:00 PM	Nickel	Total	=	4.9	µg/L	EPA 200.8	0.16	2	WKL	
MO-HUE	2021/22-3	Wet	3/29/2022 7:55:00 AM	4/7/2022 1:43:00 PM	Selenium	Dissolved	DNQ	0.25	µg/L	EPA 200.8	0.067	0.4	WKL	
MO-HUE	2021/22-3	Wet	3/29/2022 7:55:00 AM	4/7/2022 1:45:00 PM	Selenium	Total	DNQ	0.38	µg/L	EPA 200.8	0.067	0.4	WKL	
MO-HUE	2021/22-3	Wet	3/29/2022 7:55:00 AM	4/7/2022 1:43:00 PM	Silver	Dissolved	<	0.03	µg/L	EPA 200.8	0.03	0.2	WKL	
MO-HUE	2021/22-3	Wet	3/29/2022 7:55:00 AM	4/7/2022 1:45:00 PM	Silver	Total	<	0.13	µg/L	EPA 200.8	0.13	0.2	WKL	
MO-HUE	2021/22-3	Wet	3/29/2022 7:55:00 AM	4/7/2022 1:43:00 PM	Thallium	Dissolved	<	0.021	µg/L	EPA 200.8	0.021	0.2	WKL	
MO-HUE	2021/22-3	Wet	3/29/2022 7:55:00 AM	4/7/2022 1:45:00 PM	Thallium	Total	DNQ	0.025	µg/L	EPA 200.8	0.021	0.2	WKL	
MO-HUE	2021/22-3	Wet	3/29/2022 7:55:00 AM	4/7/2022 1:43:00 PM	Zinc	Dissolved	=	12	µg/L	EPA 200.8	0.8	10	WKL	
MO-HUE	2021/22-3	Wet	3/29/2022 7:55:00 AM	4/7/2022 1:45:00 PM	Zinc	Total	=	59	µg/L	EPA 200.8	1.7	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	2021/22-3	Wet	3/29/2022 7:55:00 AM	4/4/2022 4:39:00 PM	Ammonia as N	n/a	=	0.32	mg/L	EPA 350.1	0.017	0.1	WKL	
MO-HUE	2021/22-3	Wet	3/29/2022 7:55:00 AM	4/9/2022 3:09:00 PM	Nitrate + Nitrite as N	n/a	=	0.4	mg/L	EPA 353.2	0.036	0.2	WKL	
MO-HUE	2021/22-3	Wet	3/29/2022 7:55:00 AM	4/7/2022 7:18:00 PM	Phosphorus as P	Dissolved	=	0.14	mg/L	EPA 200.7	0.018	0.05	WKL	
MO-HUE	2021/22-3	Wet	3/29/2022 7:55:00 AM	4/7/2022 7:21:00 PM	Phosphorus as P	Total	=	0.67	mg/L	EPA 200.7	0.018	0.05	WKL	
MO-HUE	2021/22-3	Wet	3/29/2022 7:55:00 AM	4/6/2022 4:51:00 PM	TKN	n/a	=	2.5	mg/L	EPA 351.2	0.13	0.2	WKL	
MO-HUE	2021/22-3	Wet	3/29/2022 7:55:00 AM	4/28/2022 7:01:00 AM	1,2,4-Trichlorobenzene	n/a	<	0.98	µg/L	EPA 625.1	0.98	2	WKL	
MO-HUE	2021/22-3	Wet	3/29/2022 7:55:00 AM	4/28/2022 7:01:00 AM	1,2-Dichlorobenzene	n/a	<	0.92	µg/L	EPA 625.1	0.92	2	WKL	
MO-HUE	2021/22-3	Wet	3/29/2022 7:55:00 AM	4/28/2022 7:01:00 AM	1,2-Diphenylhydrazine	n/a	<	0.6	µg/L	EPA 625.1	0.6	2	WKL	
MO-HUE	2021/22-3	Wet	3/29/2022 7:55:00 AM	4/28/2022 7:01:00 AM	1,3-Dichlorobenzene	n/a	<	0.84	µg/L	EPA 625.1	0.84	2	WKL	
MO-HUE	2021/22-3	Wet	3/29/2022 7:55:00 AM	4/28/2022 7:01:00 AM	1,4-Dichlorobenzene	n/a	<	0.96	µg/L	EPA 625.1	0.96	2	WKL	
MO-HUE	2021/22-3	Wet	3/29/2022 7:55:00 AM	4/20/2022 1:50:00 PM	1-Methylnaphthalene	n/a	<	0.048	µg/L	EPA 8270C	0.048	0.2	WKL	
MO-HUE	2021/22-3	Wet	3/29/2022 7:55:00 AM	4/29/2022 11:31:00 AM	2,4,5-Trichlorophenol	n/a	<	0.58	µg/L	EPA 8270C	0.58	2	WKL	
MO-HUE	2021/22-3	Wet	3/29/2022 7:55:00 AM	4/28/2022 7:01:00 AM	2,4,6-Trichlorophenol	n/a	<	0.44	µg/L	EPA 625.1	0.44	2	WKL	
MO-HUE	2021/22-3	Wet	3/29/2022 7:55:00 AM	4/29/2022 11:31:00 AM	2,4,6-Trichlorophenol	n/a	<	0.6	µg/L	EPA 8270C	0.6	2	WKL	
MO-HUE	2021/22-3	Wet	3/29/2022 7:55:00 AM	4/28/2022 7:01:00 AM	2,4-Dichlorophenol	n/a	<	0.52	µg/L	EPA 625.1	0.52	2	WKL	
MO-HUE	2021/22-3	Wet	3/29/2022 7:55:00 AM	4/29/2022 11:31:00 AM	2,4-Dichlorophenol	n/a	<	1	µg/L	EPA 8270C	1	2	WKL	
MO-HUE	2021/22-3	Wet	3/29/2022 7:55:00 AM	4/29/2022 11:31:00 AM	2,4-Dimethylphenol	n/a	<	2	µg/L	EPA 8270C	2	4	WKL	
MO-HUE	2021/22-3	Wet	3/29/2022 7:55:00 AM	4/28/2022 7:01:00 AM	2,4-Dimethylphenol	n/a	<	1.5	µg/L	EPA 625.1	1.5	2	WKL	
MO-HUE	2021/22-3	Wet	3/29/2022 7:55:00 AM	4/28/2022 7:01:00 AM	2,4-Dinitrophenol	n/a	<	3.7	µg/L	EPA 625.1	3.7	20	WKL	
MO-HUE	2021/22-3	Wet	3/29/2022 7:55:00 AM	4/29/2022 11:31:00 AM	2,4-Dinitrophenol	n/a	<	2	µg/L	EPA 8270C	2	4	WKL	
MO-HUE	2021/22-3	Wet	3/29/2022 7:55:00 AM	4/28/2022 7:01:00 AM	2,4-Dinitrotoluene	n/a	<	0.92	µg/L	EPA 625.1	0.92	2	WKL	
MO-HUE	2021/22-3	Wet	3/29/2022 7:55:00 AM	4/28/2022 7:01:00 AM	2,6-Dinitrotoluene	n/a	<	0.54	µg/L	EPA 625.1	0.54	2	WKL	
MO-HUE	2021/22-3	Wet	3/29/2022 7:55:00 AM	4/28/2022 7:01:00 AM	2-Chloronaphthalene	n/a	<	0.9	µg/L	EPA 625.1	0.9	2	WKL	
MO-HUE	2021/22-3	Wet	3/29/2022 7:55:00 AM	4/28/2022 7:01:00 AM	2-Chlorophenol	n/a	<	0.56	µg/L	EPA 625.1	0.56	2	WKL	
MO-HUE	2021/22-3	Wet	3/29/2022 7:55:00 AM	4/29/2022 11:31:00 AM	2-Chlorophenol	n/a	<	1.3	µg/L	EPA 8270C	1.3	2	WKL	
MO-HUE	2021/22-3	Wet	3/29/2022 7:55:00 AM	4/20/2022 1:50:00 PM	2-Methylnaphthalene	n/a	<	0.052	µg/L	EPA 8270C	0.052	0.2	WKL	
MO-HUE	2021/22-3	Wet	3/29/2022 7:55:00 AM	4/29/2022 11:31:00 AM	2-Methylphenol	n/a	<	0.68	µg/L	EPA 8270C	0.68	2	WKL	
MO-HUE	2021/22-3	Wet	3/29/2022 7:55:00 AM	4/29/2022 11:31:00 AM	2-Nitrophenol	n/a	<	1.4	µg/L	EPA 8270C	1.4	2	WKL	
MO-HUE	2021/22-3	Wet	3/29/2022 7:55:00 AM	4/28/2022 7:01:00 AM	2-Nitrophenol	n/a	<	0.52	µg/L	EPA 625.1	0.52	2	WKL	
MO-HUE	2021/22-3	Wet	3/29/2022 7:55:00 AM	4/28/2022 7:01:00 AM	3,3'-Dichlorobenzidine	n/a	<	5	µg/L	EPA 625.1	5	10	WKL	LB-MSR
MO-HUE	2021/22-3	Wet	3/29/2022 7:55:00 AM	4/29/2022 11:31:00 AM	3-/4-Methylphenol	n/a	<	0.6	µg/L	EPA 8270C	0.6	2	WKL	
MO-HUE	2021/22-3	Wet	3/29/2022 7:55:00 AM	4/28/2022 7:01:00 AM	4,6-Dinitro-2-methylphenol	n/a	<	1	µg/L	EPA 625.1	1	10	WKL	
MO-HUE	2021/22-3	Wet	3/29/2022 7:55:00 AM	4/29/2022 11:31:00 AM	4,6-Dinitro-2-methylphenol	n/a	<	0.28	µg/L	EPA 8270C	0.28	2	WKL	
MO-HUE	2021/22-3	Wet	3/29/2022 7:55:00 AM	4/28/2022 7:01:00 AM	4-Bromophenyl phenyl ether	n/a	<	0.72	µg/L	EPA 625.1	0.72	2	WKL	
MO-HUE	2021/22-3	Wet	3/29/2022 7:55:00 AM	4/28/2022 7:01:00 AM	4-Chloro-3-methylphenol	n/a	<	0.46	µg/L	EPA 625.1	0.46	2	WKL	
MO-HUE	2021/22-3	Wet	3/29/2022 7:55:00 AM	4/29/2022 11:31:00 AM	4-Chloro-3-methylphenol	n/a	<	0.74	µg/L	EPA 8270C	0.74	2	WKL	
MO-HUE	2021/22-3	Wet	3/29/2022 7:55:00 AM	4/28/2022 7:01:00 AM	4-Chlorophenyl phenyl ether	n/a	<	0.82	µg/L	EPA 625.1	0.82	2	WKL	
MO-HUE	2021/22-3	Wet	3/29/2022 7:55:00 AM	4/29/2022 11:31:00 AM	4-Nitrophenol	n/a	<	2	µg/L	EPA 8270C	2	4	WKL	
MO-HUE	2021/22-3	Wet	3/29/2022 7:55:00 AM	4/28/2022 7:01:00 AM	4-Nitrophenol	n/a	<	2.5	µg/L	EPA 625.1	2.5	10	WKL	
MO-HUE	2021/22-3	Wet	3/29/2022 7:55:00 AM	4/20/2022 1:50:00 PM	Acenaphthene	n/a	<	0.056	µg/L	EPA 8270C	0.056	0.2	WKL	
MO-HUE	2021/22-3	Wet	3/29/2022 7:55:00 AM	4/28/2022 7:01:00 AM	Acenaphthene	n/a	<	0.76	µg/L	EPA 625.1	0.76	2	WKL	
MO-HUE	2021/22-3	Wet	3/29/2022 7:55:00 AM	4/28/2022 7:01:00 AM	Acenaphthylene	n/a	<	0.7	µg/L	EPA 625.1	0.7	2	WKL	
MO-HUE	2021/22-3	Wet	3/29/2022 7:55:00 AM	4/20/2022 1:50:00 PM	Acenaphthylene	n/a	<	0.066	µg/L	EPA 8270C	0.066	0.2	WKL	
MO-HUE	2021/22-3	Wet	3/29/2022 7:55:00 AM	4/28/2022 7:01:00 AM	Anthracene	n/a	<	0.82	µg/L	EPA 625.1	0.82	2	WKL	
MO-HUE	2021/22-3	Wet	3/29/2022 7:55:00 AM	4/20/2022 1:50:00 PM	Anthracene	n/a	DNQ	0.056	µg/L	EPA 8270C	0.05	0.2	WKL	
MO-HUE	2021/22-3	Wet	3/29/2022 7:55:00 AM	4/28/2022 7:01:00 AM	Benz(a)anthracene	n/a	<	0.38	µg/L	EPA 625.1	0.38	2	WKL	
MO-HUE	2021/22-3	Wet	3/29/2022 7:55:00 AM	4/20/2022 1:50:00 PM	Benz(a)anthracene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.2	WKL	
MO-HUE	2021/22-3	Wet	3/29/2022 7:55:00 AM	4/28/2022 7:01:00 AM	Benzdine	n/a	<	6.4	µg/L	EPA 625.1	6.4	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	2021/22-3	Wet	3/29/2022 7:55:00 AM	4/15/2022 5:27:00 AM	Benzo(a)pyrene	n/a	<	0.04	µg/L	EPA 525.2	0.04	0.2	WKL	
MO-HUE	2021/22-3	Wet	3/29/2022 7:55:00 AM	4/28/2022 7:01:00 AM	Benzo(a)pyrene	n/a	<	0.78	µg/L	EPA 625.1	0.78	2	WKL	
MO-HUE	2021/22-3	Wet	3/29/2022 7:55:00 AM	4/20/2022 1:50:00 PM	Benzo(a)pyrene	n/a	DNQ	0.11	µg/L	EPA 8270C	0.1	0.2	WKL	
MO-HUE	2021/22-3	Wet	3/29/2022 7:55:00 AM	4/28/2022 7:01:00 AM	Benzo(b)fluoranthene	n/a	<	0.92	µg/L	EPA 625.1	0.92	2	WKL	
MO-HUE	2021/22-3	Wet	3/29/2022 7:55:00 AM	4/20/2022 1:50:00 PM	Benzo(b)fluoranthene	n/a	<	0.15	µg/L	EPA 8270C	0.15	0.2	WKL	
MO-HUE	2021/22-3	Wet	3/29/2022 7:55:00 AM	4/28/2022 7:01:00 AM	Benzo(g,h,i)perylene	n/a	<	0.84	µg/L	EPA 625.1	0.84	4	WKL	
MO-HUE	2021/22-3	Wet	3/29/2022 7:55:00 AM	4/20/2022 1:50:00 PM	Benzo(g,h,i)perylene	n/a	DNQ	0.1	µg/L	EPA 8270C	0.1	0.2	WKL	
MO-HUE	2021/22-3	Wet	3/29/2022 7:55:00 AM	4/28/2022 7:01:00 AM	Benzo(k)fluoranthene	n/a	<	0.44	µg/L	EPA 625.1	0.44	2	WKL	
MO-HUE	2021/22-3	Wet	3/29/2022 7:55:00 AM	4/20/2022 1:50:00 PM	Benzo(k)fluoranthene	n/a	DNQ	0.082	µg/L	EPA 8270C	0.052	0.2	WKL	UL-MB
MO-HUE	2021/22-3	Wet	3/29/2022 7:55:00 AM	4/28/2022 7:01:00 AM	Bis(2-chloroethoxy)methane	n/a	<	0.5	µg/L	EPA 625.1	0.5	2	WKL	
MO-HUE	2021/22-3	Wet	3/29/2022 7:55:00 AM	4/28/2022 7:01:00 AM	Bis(2-chloroethyl)ether	n/a	<	0.54	µg/L	EPA 625.1	0.54	2	WKL	
MO-HUE	2021/22-3	Wet	3/29/2022 7:55:00 AM	4/28/2022 7:01:00 AM	Bis(2-chloroisopropyl)ether	n/a	<	0.76	µg/L	EPA 625.1	0.76	2	WKL	
MO-HUE	2021/22-3	Wet	3/29/2022 7:55:00 AM	4/15/2022 5:27:00 AM	Bis(2-ethylhexyl)adipate	n/a	<	0.85	µg/L	EPA 525.2	0.85	10	WKL	
MO-HUE	2021/22-3	Wet	3/29/2022 7:55:00 AM	4/15/2022 5:27:00 AM	Bis(2-ethylhexyl)phthalate	n/a	<	0.82	µg/L	EPA 525.2	0.82	6	WKL	
MO-HUE	2021/22-3	Wet	3/29/2022 7:55:00 AM	4/28/2022 7:01:00 AM	Bis(2-ethylhexyl)phthalate	n/a	<	4.6	µg/L	EPA 625.1	4.6	10	WKL	
MO-HUE	2021/22-3	Wet	3/29/2022 7:55:00 AM	4/28/2022 7:01:00 AM	Butyl benzyl phthalate	n/a	<	0.98	µg/L	EPA 625.1	0.98	2	WKL	
MO-HUE	2021/22-3	Wet	3/29/2022 7:55:00 AM	4/28/2022 7:01:00 AM	Chrysene	n/a	<	0.38	µg/L	EPA 625.1	0.38	2	WKL	
MO-HUE	2021/22-3	Wet	3/29/2022 7:55:00 AM	4/20/2022 1:50:00 PM	Chrysene	n/a	<	0.15	µg/L	EPA 8270C	0.15	0.2	WKL	
MO-HUE	2021/22-3	Wet	3/29/2022 7:55:00 AM	4/28/2022 7:01:00 AM	Dibenz(a,h)anthracene	n/a	<	0.3	µg/L	EPA 625.1	0.3	4	WKL	
MO-HUE	2021/22-3	Wet	3/29/2022 7:55:00 AM	4/20/2022 1:50:00 PM	Dibenz(a,h)anthracene	n/a	DNQ	0.12	µg/L	EPA 8270C	0.072	0.2	WKL	UL-MB
MO-HUE	2021/22-3	Wet	3/29/2022 7:55:00 AM	4/28/2022 7:01:00 AM	Diethyl phthalate	n/a	<	0.7	µg/L	EPA 625.1	0.7	2	WKL	
MO-HUE	2021/22-3	Wet	3/29/2022 7:55:00 AM	4/28/2022 7:01:00 AM	Dimethyl phthalate	n/a	DNQ	1.8	µg/L	EPA 625.1	0.36	2	WKL	
MO-HUE	2021/22-3	Wet	3/29/2022 7:55:00 AM	4/28/2022 7:01:00 AM	Di-n-butylphthalate	n/a	<	0.68	µg/L	EPA 625.1	0.68	2	WKL	
MO-HUE	2021/22-3	Wet	3/29/2022 7:55:00 AM	4/28/2022 7:01:00 AM	Di-n-octylphthalate	n/a	<	0.92	µg/L	EPA 625.1	0.92	2	WKL	
MO-HUE	2021/22-3	Wet	3/29/2022 7:55:00 AM	4/28/2022 7:01:00 AM	Fluoranthene	n/a	<	0.69	µg/L	EPA 625.1	0.69	2	WKL	
MO-HUE	2021/22-3	Wet	3/29/2022 7:55:00 AM	4/20/2022 1:50:00 PM	Fluoranthene	n/a	DNQ	0.093	µg/L	EPA 8270C	0.078	0.2	WKL	
MO-HUE	2021/22-3	Wet	3/29/2022 7:55:00 AM	4/28/2022 7:01:00 AM	Fluorene	n/a	<	0.7	µg/L	EPA 625.1	0.7	2	WKL	
MO-HUE	2021/22-3	Wet	3/29/2022 7:55:00 AM	4/20/2022 1:50:00 PM	Fluorene	n/a	<	0.058	µg/L	EPA 8270C	0.058	0.2	WKL	
MO-HUE	2021/22-3	Wet	3/29/2022 7:55:00 AM	4/28/2022 7:01:00 AM	Hexachlorobenzene	n/a	<	0.98	µg/L	EPA 625.1	0.98	2	WKL	
MO-HUE	2021/22-3	Wet	3/29/2022 7:55:00 AM	4/28/2022 7:01:00 AM	Hexachlorobutadiene	n/a	<	0.94	µg/L	EPA 625.1	0.94	2	WKL	
MO-HUE	2021/22-3	Wet	3/29/2022 7:55:00 AM	4/15/2022 5:27:00 AM	Hexachlorocyclopentadiene	n/a	<	0.18	µg/L	EPA 525.2	0.18	2	WKL	
MO-HUE	2021/22-3	Wet	3/29/2022 7:55:00 AM	4/28/2022 7:01:00 AM	Hexachlorocyclopentadiene	n/a	<	0.62	µg/L	EPA 625.1	0.62	10	WKL	
MO-HUE	2021/22-3	Wet	3/29/2022 7:55:00 AM	4/28/2022 7:01:00 AM	Hexachloroethane	n/a	<	1	µg/L	EPA 625.1	1	2	WKL	
MO-HUE	2021/22-3	Wet	3/29/2022 7:55:00 AM	4/28/2022 7:01:00 AM	Indeno(1,2,3-cd)pyrene	n/a	<	0.49	µg/L	EPA 625.1	0.49	4	WKL	
MO-HUE	2021/22-3	Wet	3/29/2022 7:55:00 AM	4/20/2022 1:50:00 PM	Indeno(1,2,3-cd)pyrene	n/a	<	0.13	µg/L	EPA 8270C	0.13	0.2	WKL	
MO-HUE	2021/22-3	Wet	3/29/2022 7:55:00 AM	4/28/2022 7:01:00 AM	Isophorone	n/a	<	0.42	µg/L	EPA 625.1	0.42	2	WKL	
MO-HUE	2021/22-3	Wet	3/29/2022 7:55:00 AM	4/28/2022 7:01:00 AM	Naphthalene	n/a	<	0.98	µg/L	EPA 625.1	0.98	2	WKL	
MO-HUE	2021/22-3	Wet	3/29/2022 7:55:00 AM	4/20/2022 1:50:00 PM	Naphthalene	n/a	DNQ	0.052	µg/L	EPA 8270C	0.052	0.2	WKL	
MO-HUE	2021/22-3	Wet	3/29/2022 7:55:00 AM	4/28/2022 7:01:00 AM	Nitrobenzene	n/a	<	0.72	µg/L	EPA 625.1	0.72	2	WKL	
MO-HUE	2021/22-3	Wet	3/29/2022 7:55:00 AM	4/28/2022 7:01:00 AM	N-Nitrosodimethylamine	n/a	<	1	µg/L	EPA 625.1	1	2	WKL	
MO-HUE	2021/22-3	Wet	3/29/2022 7:55:00 AM	4/28/2022 7:01:00 AM	N-Nitrosodi-N-propylamine	n/a	<	0.52	µg/L	EPA 625.1	0.52	2	WKL	
MO-HUE	2021/22-3	Wet	3/29/2022 7:55:00 AM	4/28/2022 7:01:00 AM	N-Nitrosodiphenylamine	n/a	<	0.38	µg/L	EPA 625.1	0.38	2	WKL	
MO-HUE	2021/22-3	Wet	3/29/2022 7:55:00 AM	4/20/2022 1:50:00 PM	Phenanthrene	n/a	<	0.058	µg/L	EPA 8270C	0.058	0.2	WKL	
MO-HUE	2021/22-3	Wet	3/29/2022 7:55:00 AM	4/28/2022 7:01:00 AM	Phenanthrene	n/a	<	0.64	µg/L	EPA 625.1	0.64	2	WKL	
MO-HUE	2021/22-3	Wet	3/29/2022 7:55:00 AM	4/28/2022 7:01:00 AM	Phenol	n/a	<	1.6	µg/L	EPA 625.1	1.6	2	WKL	
MO-HUE	2021/22-3	Wet	3/29/2022 7:55:00 AM	4/29/2022 11:31:00 AM	Phenol	n/a	<	0.7	µg/L	EPA 8270C	0.7	2	WKL	
MO-HUE	2021/22-3	Wet	3/29/2022 7:55:00 AM	4/28/2022 7:01:00 AM	Pyrene	n/a	<	0.5	µg/L	EPA 625.1	0.5	2	WKL	
MO-HUE	2021/22-3	Wet	3/29/2022 7:55:00 AM	4/20/2022 1:50:00 PM	Pyrene	n/a	DNQ	0.08	µg/L	EPA 8270C	0.08	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	2021/22-3	Wet	3/29/2022 7:55:00 AM	4/10/2022 6:17:00 AM	PCB Aroclor 1016	n/a	<	5	µg/L	EPA 608.3	5	5	WKL	
MO-HUE	2021/22-3	Wet	3/29/2022 7:55:00 AM	4/10/2022 6:17:00 AM	PCB Aroclor 1221	n/a	<	5	µg/L	EPA 608.3	5	5	WKL	
MO-HUE	2021/22-3	Wet	3/29/2022 7:55:00 AM	4/10/2022 6:17:00 AM	PCB Aroclor 1232	n/a	<	5	µg/L	EPA 608.3	5	5	WKL	
MO-HUE	2021/22-3	Wet	3/29/2022 7:55:00 AM	4/10/2022 6:17:00 AM	PCB Aroclor 1242	n/a	<	5	µg/L	EPA 608.3	5	5	WKL	
MO-HUE	2021/22-3	Wet	3/29/2022 7:55:00 AM	4/10/2022 6:17:00 AM	PCB Aroclor 1248	n/a	<	5	µg/L	EPA 608.3	5	5	WKL	
MO-HUE	2021/22-3	Wet	3/29/2022 7:55:00 AM	4/10/2022 6:17:00 AM	PCB Aroclor 1254	n/a	<	5	µg/L	EPA 608.3	5	5	WKL	
MO-HUE	2021/22-3	Wet	3/29/2022 7:55:00 AM	4/10/2022 6:17:00 AM	PCB Aroclor 1260	n/a	<	5	µg/L	EPA 608.3	5	5	WKL	
MO-HUE	2021/22-3	Wet	3/29/2022 7:55:00 AM	4/1/2022 8:06:00 AM	2,4,5-T	n/a	<	0.4	µg/L	EPA 515.4	0.4	0.4	WKL	
MO-HUE	2021/22-3	Wet	3/29/2022 7:55:00 AM	4/1/2022 8:06:00 AM	2,4,5-TP	n/a	<	0.026	µg/L	EPA 515.4	0.026	0.2	WKL	
MO-HUE	2021/22-3	Wet	3/29/2022 7:55:00 AM	4/1/2022 8:06:00 AM	2,4-D	n/a	=	1.2	µg/L	EPA 515.4	0.14	0.4	WKL	
MO-HUE	2021/22-3	Wet	3/29/2022 7:55:00 AM	4/1/2022 8:06:00 AM	2,4-DB	n/a	<	2	µg/L	EPA 515.4	2	2	WKL	
MO-HUE	2021/22-3	Wet	3/29/2022 7:55:00 AM	4/1/2022 8:06:00 AM	3,5-Dichlorobenzoic acid	n/a	<	1	µg/L	EPA 515.4	1	1	WKL	
MO-HUE	2021/22-3	Wet	3/29/2022 7:55:00 AM	4/10/2022 6:17:00 AM	4,4'-DDD	n/a	<	0.007	µg/L	EPA 608.3	0.007	0.5	WKL	
MO-HUE	2021/22-3	Wet	3/29/2022 7:55:00 AM	4/10/2022 6:17:00 AM	4,4'-DDE	n/a	<	0.007	µg/L	EPA 608.3	0.007	0.5	WKL	
MO-HUE	2021/22-3	Wet	3/29/2022 7:55:00 AM	4/10/2022 6:17:00 AM	4,4'-DDT	n/a	<	0.011	µg/L	EPA 608.3	0.011	0.1	WKL	
MO-HUE	2021/22-3	Wet	3/29/2022 7:55:00 AM	4/1/2022 8:06:00 AM	Acifluorfen	n/a	<	0.4	µg/L	EPA 515.4	0.4	0.4	WKL	
MO-HUE	2021/22-3	Wet	3/29/2022 7:55:00 AM	4/15/2022 5:27:00 AM	Alachlor	n/a	<	0.06	µg/L	EPA 525.2	0.06	0.2	WKL	
MO-HUE	2021/22-3	Wet	3/29/2022 7:55:00 AM	4/10/2022 6:17:00 AM	Aldrin	n/a	<	0.01	µg/L	EPA 608.3	0.01	0.05	WKL	
MO-HUE	2021/22-3	Wet	3/29/2022 7:55:00 AM	4/10/2022 6:17:00 AM	alpha-BHC	n/a	<	0.011	µg/L	EPA 608.3	0.011	0.1	WKL	
MO-HUE	2021/22-3	Wet	3/29/2022 7:55:00 AM	4/10/2022 6:17:00 AM	alpha-Chlordane	n/a	<	0.029	µg/L	EPA 608.3	0.029	0.1	WKL	
MO-HUE	2021/22-3	Wet	3/29/2022 7:55:00 AM	4/15/2022 5:27:00 AM	Atrazine	n/a	<	0.022	µg/L	EPA 525.2	0.022	0.2	WKL	
MO-HUE	2021/22-3	Wet	3/29/2022 7:55:00 AM	4/1/2022 11:11:00 PM	Azinphos methyl	n/a	<	0.011	µg/L	EPA 625.1m	0.011	0.02	WKL	
MO-HUE	2021/22-3	Wet	3/29/2022 7:55:00 AM	4/1/2022 8:06:00 AM	Bentazon	n/a	<	0.23	µg/L	EPA 515.4	0.23	2	WKL	
MO-HUE	2021/22-3	Wet	3/29/2022 7:55:00 AM	4/10/2022 6:17:00 AM	beta-BHC	n/a	<	0.015	µg/L	EPA 608.3	0.015	0.05	WKL	
MO-HUE	2021/22-3	Wet	3/29/2022 7:55:00 AM	4/1/2022 11:11:00 PM	Bolstar	n/a	<	0.0092	µg/L	EPA 625.1m	0.0092	0.02	WKL	
MO-HUE	2021/22-3	Wet	3/29/2022 7:55:00 AM	4/15/2022 5:27:00 AM	Bromacil	n/a	<	0.14	µg/L	EPA 525.2	0.14	1	WKL	
MO-HUE	2021/22-3	Wet	3/29/2022 7:55:00 AM	4/15/2022 5:27:00 AM	Butachlor	n/a	<	0.024	µg/L	EPA 525.2	0.024	0.2	WKL	
MO-HUE	2021/22-3	Wet	3/29/2022 7:55:00 AM	4/15/2022 5:27:00 AM	Captan	n/a	<	0.64	µg/L	EPA 525.2	0.64	2	WKL	
MO-HUE	2021/22-3	Wet	3/29/2022 7:55:00 AM	4/10/2022 6:17:00 AM	Chlordane (technical)	n/a	<	1	µg/L	EPA 608.3	1	1	WKL	
MO-HUE	2021/22-3	Wet	3/29/2022 7:55:00 AM	4/15/2022 5:27:00 AM	Chloroprotham	n/a	<	0.08	µg/L	EPA 525.2	0.08	0.2	WKL	
MO-HUE	2021/22-3	Wet	3/29/2022 7:55:00 AM	4/1/2022 11:11:00 PM	Chlorpyrifos	n/a	<	0.014	µg/L	EPA 625.1m	0.014	0.02	WKL	
MO-HUE	2021/22-3	Wet	3/29/2022 7:55:00 AM	4/1/2022 11:11:00 PM	Coumaphos	n/a	<	0.01	µg/L	EPA 625.1m	0.01	0.02	WKL	
MO-HUE	2021/22-3	Wet	3/29/2022 7:55:00 AM	4/1/2022 8:06:00 AM	Dalapon	n/a	<	0.11	µg/L	EPA 515.4	0.11	0.4	WKL	
MO-HUE	2021/22-3	Wet	3/29/2022 7:55:00 AM	4/1/2022 8:06:00 AM	DCPA (Dacthal)	n/a	<	0.029	µg/L	EPA 515.4	0.029	0.1	WKL	
MO-HUE	2021/22-3	Wet	3/29/2022 7:55:00 AM	4/10/2022 6:17:00 AM	delta-BHC	n/a	<	0.019	µg/L	EPA 608.3	0.019	0.05	WKL	
MO-HUE	2021/22-3	Wet	3/29/2022 7:55:00 AM	4/1/2022 11:11:00 PM	Demeton-O	n/a	<	0.02	µg/L	EPA 625.1m	0.02	0.02	WKL	
MO-HUE	2021/22-3	Wet	3/29/2022 7:55:00 AM	4/1/2022 11:11:00 PM	Demeton-S	n/a	<	0.02	µg/L	EPA 625.1m	0.02	0.02	WKL	
MO-HUE	2021/22-3	Wet	3/29/2022 7:55:00 AM	4/15/2022 5:27:00 AM	Diazinon	n/a	<	0.044	µg/L	EPA 525.2	0.044	0.2	WKL	
MO-HUE	2021/22-3	Wet	3/29/2022 7:55:00 AM	4/1/2022 11:11:00 PM	Diazinon	n/a	<	0.01	µg/L	EPA 625.1m	0.01	0.02	WKL	
MO-HUE	2021/22-3	Wet	3/29/2022 7:55:00 AM	4/1/2022 8:06:00 AM	Dicamba	n/a	<	0.049	µg/L	EPA 515.4	0.049	0.6	WKL	
MO-HUE	2021/22-3	Wet	3/29/2022 7:55:00 AM	4/1/2022 8:06:00 AM	Dichlorprop	n/a	<	0.3	µg/L	EPA 515.4	0.3	0.3	WKL	
MO-HUE	2021/22-3	Wet	3/29/2022 7:55:00 AM	4/1/2022 11:11:00 PM	Dichlorvos	n/a	<	0.0058	µg/L	EPA 625.1m	0.0058	0.02	WKL	
MO-HUE	2021/22-3	Wet	3/29/2022 7:55:00 AM	4/10/2022 6:17:00 AM	Dieldrin	n/a	<	0.008	µg/L	EPA 608.3	0.008	0.1	WKL	
MO-HUE	2021/22-3	Wet	3/29/2022 7:55:00 AM	4/15/2022 5:27:00 AM	Dimethoate	n/a	<	0.04	µg/L	EPA 525.2	0.04	0.4	WKL	
MO-HUE	2021/22-3	Wet	3/29/2022 7:55:00 AM	4/1/2022 11:11:00 PM	Dimethoate	n/a	<	0.012	µg/L	EPA 625.1m	0.012	0.02	WKL	
MO-HUE	2021/22-3	Wet	3/29/2022 7:55:00 AM	4/1/2022 8:06:00 AM	Dinoseb	n/a	<	0.033	µg/L	EPA 515.4	0.033	0.4	WKL	
MO-HUE	2021/22-3	Wet	3/29/2022 7:55:00 AM	4/15/2022 5:27:00 AM	Diphenamid	n/a	<	0.06	µg/L	EPA 525.2	0.06	0.2	WKL	
MO-HUE	2021/22-3	Wet	3/29/2022 7:55:00 AM	4/1/2022 11:11:00 PM	Disulfoton	n/a	<	0.02	µg/L	EPA 625.1m	0.02	0.02	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-HUE	2021/22-3	Wet	3/29/2022 7:55:00 AM	4/15/2022 5:27:00 AM	Disulfoton	n/a	<	0.031	µg/L	EPA 525.2	0.031	0.2	WKL	
MO-HUE	2021/22-3	Wet	3/29/2022 7:55:00 AM	4/10/2022 6:17:00 AM	Endosulfan I	n/a	<	0.009	µg/L	EPA 608.3	0.009	0.2	WKL	
MO-HUE	2021/22-3	Wet	3/29/2022 7:55:00 AM	4/10/2022 6:17:00 AM	Endosulfan II	n/a	<	0.007	µg/L	EPA 608.3	0.007	0.1	WKL	
MO-HUE	2021/22-3	Wet	3/29/2022 7:55:00 AM	4/10/2022 6:17:00 AM	Endosulfan sulfate	n/a	<	0.013	µg/L	EPA 608.3	0.013	0.5	WKL	
MO-HUE	2021/22-3	Wet	3/29/2022 7:55:00 AM	4/10/2022 6:17:00 AM	Endrin	n/a	<	0.017	µg/L	EPA 608.3	0.017	0.1	WKL	
MO-HUE	2021/22-3	Wet	3/29/2022 7:55:00 AM	4/10/2022 6:17:00 AM	Endrin aldehyde	n/a	<	0.019	µg/L	EPA 608.3	0.019	0.1	WKL	
MO-HUE	2021/22-3	Wet	3/29/2022 7:55:00 AM	4/15/2022 5:27:00 AM	EPTC	n/a	<	0.04	µg/L	EPA 525.2	0.04	0.2	WKL	
MO-HUE	2021/22-3	Wet	3/29/2022 7:55:00 AM	4/1/2022 11:11:00 PM	Ethoprop	n/a	<	0.013	µg/L	EPA 625.1m	0.013	0.02	WKL	
MO-HUE	2021/22-3	Wet	3/29/2022 7:55:00 AM	4/1/2022 11:11:00 PM	Ethyl parathion	n/a	<	0.011	µg/L	EPA 625.1m	0.011	0.02	WKL	
MO-HUE	2021/22-3	Wet	3/29/2022 7:55:00 AM	4/1/2022 11:11:00 PM	Fensulfothion	n/a	<	0.0058	µg/L	EPA 625.1m	0.0058	0.02	WKL	
MO-HUE	2021/22-3	Wet	3/29/2022 7:55:00 AM	4/1/2022 11:11:00 PM	Fenthion	n/a	<	0.0076	µg/L	EPA 625.1m	0.0076	0.02	WKL	
MO-HUE	2021/22-3	Wet	3/29/2022 7:55:00 AM	4/10/2022 6:17:00 AM	gamma-BHC (Lindane)	n/a	<	0.004	µg/L	EPA 608.3	0.004	0.2	WKL	
MO-HUE	2021/22-3	Wet	3/29/2022 7:55:00 AM	4/10/2022 6:17:00 AM	gamma-Chlordane	n/a	<	0.023	µg/L	EPA 608.3	0.023	0.1	WKL	
MO-HUE	2021/22-3	Wet	3/29/2022 7:55:00 AM	4/4/2022 9:39:00 PM	Glyphosate	n/a	=	5.3	µg/L	EPA 547	1.8	5	WKL	
MO-HUE	2021/22-3	Wet	3/29/2022 7:55:00 AM	4/10/2022 6:17:00 AM	Heptachlor	n/a	<	0.006	µg/L	EPA 608.3	0.006	0.1	WKL	
MO-HUE	2021/22-3	Wet	3/29/2022 7:55:00 AM	4/10/2022 6:17:00 AM	Heptachlor epoxide	n/a	<	0.004	µg/L	EPA 608.3	0.004	0.1	WKL	
MO-HUE	2021/22-3	Wet	3/29/2022 7:55:00 AM	4/1/2022 11:11:00 PM	Malathion	n/a	<	0.015	µg/L	EPA 625.1m	0.015	0.02	WKL	
MO-HUE	2021/22-3	Wet	3/29/2022 7:55:00 AM	4/1/2022 11:11:00 PM	Merphos	n/a	<	0.012	µg/L	EPA 625.1m	0.012	0.02	WKL	
MO-HUE	2021/22-3	Wet	3/29/2022 7:55:00 AM	4/1/2022 11:11:00 PM	Methyl parathion	n/a	<	0.013	µg/L	EPA 625.1m	0.013	0.02	WKL	
MO-HUE	2021/22-3	Wet	3/29/2022 7:55:00 AM	4/15/2022 5:27:00 AM	Metolachlor	n/a	<	0.06	µg/L	EPA 525.2	0.06	0.2	WKL	
MO-HUE	2021/22-3	Wet	3/29/2022 7:55:00 AM	4/15/2022 5:27:00 AM	Metribuzin	n/a	<	0.06	µg/L	EPA 525.2	0.06	0.2	WKL	
MO-HUE	2021/22-3	Wet	3/29/2022 7:55:00 AM	4/1/2022 11:11:00 PM	Mevinphos	n/a	<	0.0084	µg/L	EPA 625.1m	0.0084	0.02	WKL	
MO-HUE	2021/22-3	Wet	3/29/2022 7:55:00 AM	4/15/2022 5:27:00 AM	Molinate	n/a	<	0.06	µg/L	EPA 525.2	0.06	0.2	WKL	
MO-HUE	2021/22-3	Wet	3/29/2022 7:55:00 AM	4/1/2022 11:11:00 PM	Naled	n/a	<	0.015	µg/L	EPA 625.1m	0.015	0.02	WKL	
MO-HUE	2021/22-3	Wet	3/29/2022 7:55:00 AM	4/28/2022 7:01:00 AM	Pentachlorophenol	n/a	DNQ	1.6	µg/L	EPA 625.1	0.8	2	WKL	
MO-HUE	2021/22-3	Wet	3/29/2022 7:55:00 AM	4/1/2022 8:06:00 AM	Pentachlorophenol	n/a	=	0.32	µg/L	EPA 515.4	0.046	0.2	WKL	
MO-HUE	2021/22-3	Wet	3/29/2022 7:55:00 AM	4/29/2022 11:31:00 AM	Pentachlorophenol	n/a	DNQ	0.95	µg/L	EPA 8270C	0.3	2	WKL	HB-MSR
MO-HUE	2021/22-3	Wet	3/29/2022 7:55:00 AM	4/1/2022 11:11:00 PM	Phorate	n/a	<	0.006	µg/L	EPA 625.1m	0.006	0.02	WKL	
MO-HUE	2021/22-3	Wet	3/29/2022 7:55:00 AM	4/1/2022 8:06:00 AM	Picloram	n/a	<	0.6	µg/L	EPA 515.4	0.6	0.6	WKL	
MO-HUE	2021/22-3	Wet	3/29/2022 7:55:00 AM	4/15/2022 5:27:00 AM	Prometryn	n/a	<	0.06	µg/L	EPA 525.2	0.06	0.2	WKL	
MO-HUE	2021/22-3	Wet	3/29/2022 7:55:00 AM	4/1/2022 11:11:00 PM	Ronnel (Fenchlorphos)	n/a	<	0.0082	µg/L	EPA 625.1m	0.0082	0.02	WKL	
MO-HUE	2021/22-3	Wet	3/29/2022 7:55:00 AM	4/15/2022 5:27:00 AM	Simazine	n/a	<	0.04	µg/L	EPA 525.2	0.04	0.2	WKL	
MO-HUE	2021/22-3	Wet	3/29/2022 7:55:00 AM	4/1/2022 11:11:00 PM	Stirophos (Tetrachlorvinphos)	n/a	<	0.0062	µg/L	EPA 625.1m	0.0062	0.02	WKL	
MO-HUE	2021/22-3	Wet	3/29/2022 7:55:00 AM	4/15/2022 5:27:00 AM	Terbacil	n/a	<	0.18	µg/L	EPA 525.2	0.18	4	WKL	
MO-HUE	2021/22-3	Wet	3/29/2022 7:55:00 AM	4/15/2022 5:27:00 AM	Thiobencarb	n/a	<	0.06	µg/L	EPA 525.2	0.06	0.2	WKL	
MO-HUE	2021/22-3	Wet	3/29/2022 7:55:00 AM	4/1/2022 11:11:00 PM	Tokuthion	n/a	<	0.016	µg/L	EPA 625.1m	0.016	0.02	WKL	
MO-HUE	2021/22-3	Wet	3/29/2022 7:55:00 AM	4/10/2022 6:17:00 AM	Toxaphene	n/a	<	5	µg/L	EPA 608.3	5	5	WKL	
MO-HUE	2021/22-3	Wet	3/29/2022 7:55:00 AM	4/1/2022 11:11:00 PM	Trichloronate	n/a	<	0.013	µg/L	EPA 625.1m	0.013	0.02	WKL	
MO-HUE	2021/22-3	Wet	3/29/2022 7:55:00 AM	4/15/2022 5:27:00 AM	Trithion	n/a	<	0.04	µg/L	EPA 525.2	0.04	0.2	WKL	
MO-HUE	2021/22-4	Dry	5/3/2022 12:15:00 PM	5/12/2022 12:18:00 AM	Chloride	n/a	=	4700	mg/L	EPA 300.0	9.5	25	WKL	
MO-HUE	2021/22-4	Dry	5/3/2022 12:15:00 PM	5/12/2022 12:18:00 AM	Fluoride	n/a	DNQ	1.2	mg/L	EPA 300.0	0.45	5	WKL	
MO-HUE	2021/22-4	Dry	5/3/2022 12:15:00 PM	5/13/2022 4:53:00 AM	Perchlorate	n/a	<	0.043	µg/L	EPA 331	0.043	2	WKL	
MO-HUE	2021/22-4	Dry	5/3/2022 12:15:00 PM	5/4/2022 3:30:00 PM	E. Coli	n/a	=	468	MPN/100 mL	MMO-MUG	10	10	VCHCA	
MO-HUE	2021/22-4	Dry	5/3/2022 12:15:00 PM	5/4/2022 3:30:00 PM	Total Coliform	n/a	=	104620	MPN/100 mL	MMO-MUG	100	100	VCHCA	
MO-HUE	2021/22-4	Dry	5/3/2022 12:15:00 PM	5/16/2022 4:43:00 PM	Calcium	Total	=	294	mg/L	EPA 200.7	0.0468	1	WKL	
MO-HUE	2021/22-4	Dry	5/3/2022 12:15:00 PM	5/16/2022 4:43:00 PM	Magnesium	Total	=	352	mg/L	EPA 200.7	0.078	1	WKL	
MO-HUE	2021/22-4	Dry	5/3/2022 12:15:00 PM	5/12/2022 9:31:00 PM	Alkalinity as CaCO3	n/a	=	310	mg/L	SM 2320 B	1.9	5	WKL	
MO-HUE	2021/22-4	Dry	5/3/2022 12:15:00 PM	5/9/2022 5:56:00 PM	BOD	n/a	=	2.4	mg/L	SM 5210 B	2	2	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-HUE	2021/22-4	Dry	5/3/2022 12:15:00 PM	5/15/2022 2:48:00 PM	COD	n/a	=	65	mg/L	EPA 410.4	2.9	5	WKL	
MO-HUE	2021/22-4	Dry	5/3/2022 12:15:00 PM	5/3/2022 12:15:00 PM	Conductivity	n/a	=	11690	µmhos/cm	Field Meter	-88	1	Field Crew	
MO-HUE	2021/22-4	Dry	5/3/2022 12:15:00 PM	5/13/2022 2:57:00 PM	Cyanide	Total	<	0.0012	mg/L	ASTM D7511	0.0012	0.002	WKL	
MO-HUE	2021/22-4	Dry	5/3/2022 12:15:00 PM	5/3/2022 12:15:00 PM	DO	n/a	=	103.8	%	Field Meter	-88	0.1	Field Crew	
MO-HUE	2021/22-4	Dry	5/3/2022 12:15:00 PM	5/3/2022 12:15:00 PM	DO	n/a	=	8.83	mg/L	Field Meter	-88	0.3	Field Crew	
MO-HUE	2021/22-4	Dry	5/3/2022 12:15:00 PM	5/16/2022 4:43:00 PM	Hardness as CaCO3	Total	=	2180	mg/L	EPA 200.7	0.438	6.62	WKL	
MO-HUE	2021/22-4	Dry	5/3/2022 12:15:00 PM	5/4/2022 7:08:00 PM	MBAS	n/a	DNQ	0.045	mg/L	SM 5540 C	0.013	0.05	WKL	
MO-HUE	2021/22-4	Dry	5/3/2022 12:15:00 PM	5/3/2022 12:15:00 PM	pH	n/a	=	7.7	pH Units	Field Meter	-88	0.01	Field Crew	
MO-HUE	2021/22-4	Dry	5/3/2022 12:15:00 PM	5/10/2022 3:00:00 PM	Phenolics	n/a	DNQ	0.009	mg/L	EPA 420.4	0.0068	0.01	WKL	
MO-HUE	2021/22-4	Dry	5/3/2022 12:15:00 PM	5/3/2022 12:15:00 PM	Salinity	n/a	=	7200	mg/L	Field Meter	-88	100	Field Crew	
MO-HUE	2021/22-4	Dry	5/3/2022 12:15:00 PM	5/3/2022 12:15:00 PM	Specific Conductance	n/a	=	12460	µmhos/cm	Field Meter	-88	1	Field Crew	
MO-HUE	2021/22-4	Dry	5/3/2022 12:15:00 PM	5/24/2022 11:35:00 AM	Specific Conductance	n/a	=	14000	µmhos/cm	SM 2510 B	1.1	2	WKL	
MO-HUE	2021/22-4	Dry	5/3/2022 12:15:00 PM	5/3/2022 12:15:00 PM	Temperature	n/a	=	21.8	°C	Field Meter	-88	0.1	Field Crew	
MO-HUE	2021/22-4	Dry	5/3/2022 12:15:00 PM	5/7/2022 2:10:00 PM	Total Dissolved Solids	n/a	=	9300	mg/L	SM 2540 C	4	10	WKL	
MO-HUE	2021/22-4	Dry	5/3/2022 12:15:00 PM	5/12/2022 9:36:00 PM	Total Organic Carbon	n/a	=	5.8	mg/L	SM 5310 B	0.19	0.3	WKL	
MO-HUE	2021/22-4	Dry	5/3/2022 12:15:00 PM	5/9/2022 3:45:00 PM	Total Suspended Solids	n/a	=	14	mg/L	SM 2540 D	-88	5	WKL	
MO-HUE	2021/22-4	Dry	5/3/2022 12:15:00 PM	5/4/2022 3:47:00 PM	Turbidity	n/a	=	3.7	NTU	EPA 180.1	0.017	0.1	WKL	
MO-HUE	2021/22-4	Dry	5/3/2022 12:15:00 PM	5/10/2022 9:00:00 AM	Volatile Suspended Solids	n/a	=	5	mg/L	EPA 160.4	3.1	5	WKL	
MO-HUE	2021/22-4	Dry	5/3/2022 12:15:00 PM	5/16/2022 5:55:00 PM	Diesel Range Organics	n/a	DNQ	0.088	mg/L	EPA 8015B	0.072	0.1	WKL	
MO-HUE	2021/22-4	Dry	5/3/2022 12:15:00 PM	5/10/2022 1:19:00 PM	Gasoline Range Organics	n/a	<	0.065	mg/L	EPA 8260B	0.065	0.1	WKL	
MO-HUE	2021/22-4	Dry	5/3/2022 12:15:00 PM	5/4/2022 12:27:00 PM	Oil and Grease	n/a	DNQ	1.4	mg/L	EPA 1664B	0.6	4	WKL	
MO-HUE	2021/22-4	Dry	5/3/2022 12:15:00 PM	5/16/2022 5:55:00 PM	Oil Range Organics	n/a	<	0.33	mg/L	EPA 8015B	0.33	0.5	WKL	
MO-HUE	2021/22-4	Dry	5/3/2022 12:15:00 PM	5/17/2022 7:03:00 PM	Aluminum	Dissolved	<	4.4	µg/L	EPA 200.8	4.4	20	WKL	
MO-HUE	2021/22-4	Dry	5/3/2022 12:15:00 PM	5/17/2022 7:05:00 PM	Aluminum	Total	=	56	µg/L	EPA 200.8	4.4	20	WKL	
MO-HUE	2021/22-4	Dry	5/3/2022 12:15:00 PM	5/17/2022 7:03:00 PM	Antimony	Dissolved	DNQ	0.19	µg/L	EPA 200.8	0.089	0.5	WKL	
MO-HUE	2021/22-4	Dry	5/3/2022 12:15:00 PM	5/17/2022 7:05:00 PM	Antimony	Total	DNQ	0.2	µg/L	EPA 200.8	0.089	0.5	WKL	
MO-HUE	2021/22-4	Dry	5/3/2022 12:15:00 PM	5/17/2022 7:03:00 PM	Arsenic	Dissolved	=	1.2	µg/L	EPA 200.8	0.074	0.4	WKL	
MO-HUE	2021/22-4	Dry	5/3/2022 12:15:00 PM	5/17/2022 7:05:00 PM	Arsenic	Total	=	1.8	µg/L	EPA 200.8	0.074	0.4	WKL	
MO-HUE	2021/22-4	Dry	5/3/2022 12:15:00 PM	5/17/2022 7:05:00 PM	Barium	Total	=	68	µg/L	EPA 200.8	0.14	1	WKL	
MO-HUE	2021/22-4	Dry	5/3/2022 12:15:00 PM	5/17/2022 7:03:00 PM	Beryllium	Dissolved	<	0.062	µg/L	EPA 200.8	0.062	0.1	WKL	
MO-HUE	2021/22-4	Dry	5/3/2022 12:15:00 PM	5/17/2022 7:05:00 PM	Beryllium	Total	<	0.029	µg/L	EPA 200.8	0.029	0.1	WKL	
MO-HUE	2021/22-4	Dry	5/3/2022 12:15:00 PM	5/17/2022 7:03:00 PM	Cadmium	Dissolved	<	0.042	µg/L	EPA 200.8	0.042	0.2	WKL	
MO-HUE	2021/22-4	Dry	5/3/2022 12:15:00 PM	5/17/2022 7:05:00 PM	Cadmium	Total	<	0.042	µg/L	EPA 200.8	0.042	0.2	WKL	
MO-HUE	2021/22-4	Dry	5/3/2022 12:15:00 PM	5/17/2022 7:03:00 PM	Chromium	Dissolved	<	0.089	µg/L	EPA 200.8	0.089	0.2	WKL	
MO-HUE	2021/22-4	Dry	5/3/2022 12:15:00 PM	5/17/2022 7:05:00 PM	Chromium	Total	=	0.48	µg/L	EPA 200.8	0.089	0.2	WKL	
MO-HUE	2021/22-4	Dry	5/3/2022 12:15:00 PM	5/17/2022 6:31:00 PM	Chromium VI	n/a	<	0.79	µg/L	EPA 218.6	0.79	2	WKL	
MO-HUE	2021/22-4	Dry	5/3/2022 12:15:00 PM	5/17/2022 7:03:00 PM	Copper	Dissolved	<	0.23	µg/L	EPA 200.8	0.23	0.5	WKL	
MO-HUE	2021/22-4	Dry	5/3/2022 12:15:00 PM	5/17/2022 7:05:00 PM	Copper	Total	DNQ	0.41	µg/L	EPA 200.8	0.23	0.5	WKL	
MO-HUE	2021/22-4	Dry	5/3/2022 12:15:00 PM	5/17/2022 7:03:00 PM	Iron	Dissolved	=	26	µg/L	EPA 200.8	3.9	20	WKL	
MO-HUE	2021/22-4	Dry	5/3/2022 12:15:00 PM	5/17/2022 7:05:00 PM	Iron	Total	=	1600	µg/L	EPA 200.8	3.9	20	WKL	
MO-HUE	2021/22-4	Dry	5/3/2022 12:15:00 PM	5/17/2022 7:03:00 PM	Lead	Dissolved	<	0.083	µg/L	EPA 200.8	0.083	0.2	WKL	
MO-HUE	2021/22-4	Dry	5/3/2022 12:15:00 PM	5/17/2022 7:05:00 PM	Lead	Total	=	0.24	µg/L	EPA 200.8	0.083	0.2	WKL	
MO-HUE	2021/22-4	Dry	5/3/2022 12:15:00 PM	5/13/2022 2:01:00 PM	Mercury	Dissolved	<	37	ng/L	EPA 245.1	37	50	WKL	
MO-HUE	2021/22-4	Dry	5/3/2022 12:15:00 PM	5/13/2022 2:03:00 PM	Mercury	Total	<	37	ng/L	EPA 245.1	37	50	WKL	
MO-HUE	2021/22-4	Dry	5/3/2022 12:15:00 PM	5/17/2022 7:03:00 PM	Nickel	Dissolved	DNQ	1.5	µg/L	EPA 200.8	0.16	2	WKL	
MO-HUE	2021/22-4	Dry	5/3/2022 12:15:00 PM	5/17/2022 7:05:00 PM	Nickel	Total	DNQ	1.7	µg/L	EPA 200.8	0.16	2	WKL	
MO-HUE	2021/22-4	Dry	5/3/2022 12:15:00 PM	5/17/2022 7:03:00 PM	Selenium	Dissolved	DNQ	0.27	µg/L	EPA 200.8	0.067	0.4	WKL	
MO-HUE	2021/22-4	Dry	5/3/2022 12:15:00 PM	5/17/2022 7:05:00 PM	Selenium	Total	DNQ	0.32	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
MO-HUE	2021/22-4	Dry	5/3/2022 12:15:00 PM	5/17/2022 7:03:00 PM	Silver	Dissolved	<	0.03	µg/L	EPA 200.8	0.03	0.2	WKL	
MO-HUE	2021/22-4	Dry	5/3/2022 12:15:00 PM	5/17/2022 7:05:00 PM	Silver	Total	<	0.13	µg/L	EPA 200.8	0.13	0.2	WKL	
MO-HUE	2021/22-4	Dry	5/3/2022 12:15:00 PM	5/17/2022 7:03:00 PM	Thallium	Dissolved	<	0.021	µg/L	EPA 200.8	0.021	0.2	WKL	
MO-HUE	2021/22-4	Dry	5/3/2022 12:15:00 PM	5/17/2022 7:05:00 PM	Thallium	Total	<	0.021	µg/L	EPA 200.8	0.021	0.2	WKL	
MO-HUE	2021/22-4	Dry	5/3/2022 12:15:00 PM	5/17/2022 7:03:00 PM	Zinc	Dissolved	DNQ	1.6	µg/L	EPA 200.8	0.8	10	WKL	UL-MB
MO-HUE	2021/22-4	Dry	5/3/2022 12:15:00 PM	5/17/2022 7:05:00 PM	Zinc	Total	DNQ	2.5	µg/L	EPA 200.8	1.7	10	WKL	
MO-HUE	2021/22-4	Dry	5/3/2022 12:15:00 PM	5/12/2022 4:17:00 PM	Ammonia as N	n/a	=	0.39	mg/L	EPA 350.1	0.017	0.1	WKL	
MO-HUE	2021/22-4	Dry	5/3/2022 12:15:00 PM	5/4/2022 6:22:00 PM	Nitrate + Nitrite as N	n/a	=	0.2	mg/L	EPA 353.2	0.036	0.2	WKL	
MO-HUE	2021/22-4	Dry	5/3/2022 12:15:00 PM	5/16/2022 3:18:00 PM	Phosphorus as P	Dissolved	=	0.21	mg/L	EPA 200.7	0.018	0.05	WKL	
MO-HUE	2021/22-4	Dry	5/3/2022 12:15:00 PM	5/16/2022 3:21:00 PM	Phosphorus as P	Total	=	0.48	mg/L	EPA 200.7	0.018	0.05	WKL	
MO-HUE	2021/22-4	Dry	5/3/2022 12:15:00 PM	5/19/2022 4:58:00 PM	TKN	n/a	=	1.1	mg/L	EPA 351.2	0.065	0.1	WKL	
MO-HUE	2021/22-4	Dry	5/3/2022 12:15:00 PM	5/12/2022 3:52:00 AM	1,2,4-Trichlorobenzene	n/a	<	0.49	µg/L	EPA 625.1	0.49	1	WKL	
MO-HUE	2021/22-4	Dry	5/3/2022 12:15:00 PM	5/12/2022 3:52:00 AM	1,2-Dichlorobenzene	n/a	<	0.46	µg/L	EPA 625.1	0.46	1	WKL	
MO-HUE	2021/22-4	Dry	5/3/2022 12:15:00 PM	5/12/2022 3:52:00 AM	1,2-Diphenylhydrazine	n/a	<	0.3	µg/L	EPA 625.1	0.3	1	WKL	
MO-HUE	2021/22-4	Dry	5/3/2022 12:15:00 PM	5/12/2022 3:52:00 AM	1,3-Dichlorobenzene	n/a	<	0.42	µg/L	EPA 625.1	0.42	1	WKL	
MO-HUE	2021/22-4	Dry	5/3/2022 12:15:00 PM	5/12/2022 3:52:00 AM	1,4-Dichlorobenzene	n/a	<	0.48	µg/L	EPA 625.1	0.48	1	WKL	
MO-HUE	2021/22-4	Dry	5/3/2022 12:15:00 PM	5/14/2022 3:44:00 AM	1-Methylnaphthalene	n/a	<	0.024	µg/L	EPA 8270C	0.024	0.1	WKL	
MO-HUE	2021/22-4	Dry	5/3/2022 12:15:00 PM	5/26/2022 3:12:00 AM	2,4,5-Trichlorophenol	n/a	<	0.29	µg/L	EPA 8270C	0.29	1	WKL	
MO-HUE	2021/22-4	Dry	5/3/2022 12:15:00 PM	5/12/2022 3:52:00 AM	2,4,6-Trichlorophenol	n/a	<	0.22	µg/L	EPA 625.1	0.22	1	WKL	
MO-HUE	2021/22-4	Dry	5/3/2022 12:15:00 PM	5/26/2022 3:12:00 AM	2,4,6-Trichlorophenol	n/a	<	0.3	µg/L	EPA 8270C	0.3	1	WKL	
MO-HUE	2021/22-4	Dry	5/3/2022 12:15:00 PM	5/12/2022 3:52:00 AM	2,4-Dichlorophenol	n/a	<	0.26	µg/L	EPA 625.1	0.26	1	WKL	
MO-HUE	2021/22-4	Dry	5/3/2022 12:15:00 PM	5/26/2022 3:12:00 AM	2,4-Dichlorophenol	n/a	<	0.51	µg/L	EPA 8270C	0.51	1	WKL	
MO-HUE	2021/22-4	Dry	5/3/2022 12:15:00 PM	5/12/2022 3:52:00 AM	2,4-Dimethylphenol	n/a	<	0.76	µg/L	EPA 625.1	0.76	1	WKL	
MO-HUE	2021/22-4	Dry	5/3/2022 12:15:00 PM	5/26/2022 3:12:00 AM	2,4-Dimethylphenol	n/a	<	1	µg/L	EPA 8270C	1	2	WKL	
MO-HUE	2021/22-4	Dry	5/3/2022 12:15:00 PM	5/12/2022 3:52:00 AM	2,4-Dinitrophenol	n/a	<	1.9	µg/L	EPA 625.1	1.9	10	WKL	
MO-HUE	2021/22-4	Dry	5/3/2022 12:15:00 PM	5/26/2022 3:12:00 AM	2,4-Dinitrophenol	n/a	<	1	µg/L	EPA 8270C	1	2	WKL	
MO-HUE	2021/22-4	Dry	5/3/2022 12:15:00 PM	5/12/2022 3:52:00 AM	2,4-Dinitrotoluene	n/a	<	0.46	µg/L	EPA 625.1	0.46	1	WKL	
MO-HUE	2021/22-4	Dry	5/3/2022 12:15:00 PM	5/12/2022 3:52:00 AM	2,6-Dinitrotoluene	n/a	<	0.27	µg/L	EPA 625.1	0.27	1	WKL	
MO-HUE	2021/22-4	Dry	5/3/2022 12:15:00 PM	5/12/2022 3:52:00 AM	2-Chloronaphthalene	n/a	<	0.45	µg/L	EPA 625.1	0.45	1	WKL	
MO-HUE	2021/22-4	Dry	5/3/2022 12:15:00 PM	5/12/2022 3:52:00 AM	2-Chlorophenol	n/a	<	0.28	µg/L	EPA 625.1	0.28	1	WKL	
MO-HUE	2021/22-4	Dry	5/3/2022 12:15:00 PM	5/26/2022 3:12:00 AM	2-Chlorophenol	n/a	<	0.65	µg/L	EPA 8270C	0.65	1	WKL	
MO-HUE	2021/22-4	Dry	5/3/2022 12:15:00 PM	5/14/2022 3:44:00 AM	2-Methylnaphthalene	n/a	<	0.026	µg/L	EPA 8270C	0.026	0.1	WKL	
MO-HUE	2021/22-4	Dry	5/3/2022 12:15:00 PM	5/26/2022 3:12:00 AM	2-Methylphenol	n/a	<	0.34	µg/L	EPA 8270C	0.34	1	WKL	
MO-HUE	2021/22-4	Dry	5/3/2022 12:15:00 PM	5/26/2022 3:12:00 AM	2-Nitrophenol	n/a	<	0.71	µg/L	EPA 8270C	0.71	1	WKL	
MO-HUE	2021/22-4	Dry	5/3/2022 12:15:00 PM	5/12/2022 3:52:00 AM	2-Nitrophenol	n/a	<	0.26	µg/L	EPA 625.1	0.26	1	WKL	
MO-HUE	2021/22-4	Dry	5/3/2022 12:15:00 PM	5/12/2022 3:52:00 AM	3,3'-Dichlorobenzidine	n/a	<	2.5	µg/L	EPA 625.1	2.5	5	WKL	
MO-HUE	2021/22-4	Dry	5/3/2022 12:15:00 PM	5/26/2022 3:12:00 AM	3-/4-Methylphenol	n/a	<	0.3	µg/L	EPA 8270C	0.3	1	WKL	
MO-HUE	2021/22-4	Dry	5/3/2022 12:15:00 PM	5/12/2022 3:52:00 AM	4,6-Dinitro-2-methylphenol	n/a	<	0.5	µg/L	EPA 625.1	0.5	5	WKL	
MO-HUE	2021/22-4	Dry	5/3/2022 12:15:00 PM	5/26/2022 3:12:00 AM	4,6-Dinitro-2-methylphenol	n/a	<	0.14	µg/L	EPA 8270C	0.14	1	WKL	
MO-HUE	2021/22-4	Dry	5/3/2022 12:15:00 PM	5/12/2022 3:52:00 AM	4-Bromophenyl phenyl ether	n/a	<	0.36	µg/L	EPA 625.1	0.36	1	WKL	
MO-HUE	2021/22-4	Dry	5/3/2022 12:15:00 PM	5/12/2022 3:52:00 AM	4-Chloro-3-methylphenol	n/a	<	0.23	µg/L	EPA 625.1	0.23	1	WKL	
MO-HUE	2021/22-4	Dry	5/3/2022 12:15:00 PM	5/26/2022 3:12:00 AM	4-Chloro-3-methylphenol	n/a	<	0.37	µg/L	EPA 8270C	0.37	1	WKL	
MO-HUE	2021/22-4	Dry	5/3/2022 12:15:00 PM	5/12/2022 3:52:00 AM	4-Chlorophenyl phenyl ether	n/a	<	0.41	µg/L	EPA 625.1	0.41	1	WKL	
MO-HUE	2021/22-4	Dry	5/3/2022 12:15:00 PM	5/26/2022 3:12:00 AM	4-Nitrophenol	n/a	<	1	µg/L	EPA 8270C	1	2	WKL	
MO-HUE	2021/22-4	Dry	5/3/2022 12:15:00 PM	5/12/2022 3:52:00 AM	4-Nitrophenol	n/a	<	1.2	µg/L	EPA 625.1	1.2	5	WKL	
MO-HUE	2021/22-4	Dry	5/3/2022 12:15:00 PM	5/12/2022 3:52:00 AM	Acenaphthene	n/a	<	0.38	µg/L	EPA 625.1	0.38	1	WKL	
MO-HUE	2021/22-4	Dry	5/3/2022 12:15:00 PM	5/14/2022 3:44:00 AM	Acenaphthene	n/a	<	0.028	µg/L	EPA 8270C	0.028	0.1	WKL	
MO-HUE	2021/22-4	Dry	5/3/2022 12:15:00 PM	5/12/2022 3:52:00 AM	Acenaphthylene	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-HUE	2021/22-4	Dry	5/3/2022 12:15:00 PM	5/14/2022 3:44:00 AM	Acenaphthylene	n/a	<	0.033	µg/L	EPA 8270C	0.033	0.1	WKL	
MO-HUE	2021/22-4	Dry	5/3/2022 12:15:00 PM	5/12/2022 3:52:00 AM	Anthracene	n/a	<	0.41	µg/L	EPA 625.1	0.41	1	WKL	
MO-HUE	2021/22-4	Dry	5/3/2022 12:15:00 PM	5/14/2022 3:44:00 AM	Anthracene	n/a	<	0.025	µg/L	EPA 8270C	0.025	0.1	WKL	
MO-HUE	2021/22-4	Dry	5/3/2022 12:15:00 PM	5/12/2022 3:52:00 AM	Benz(a)anthracene	n/a	<	0.19	µg/L	EPA 625.1	0.19	1	WKL	
MO-HUE	2021/22-4	Dry	5/3/2022 12:15:00 PM	5/14/2022 3:44:00 AM	Benz(a)anthracene	n/a	<	0.051	µg/L	EPA 8270C	0.051	0.1	WKL	
MO-HUE	2021/22-4	Dry	5/3/2022 12:15:00 PM	5/12/2022 3:52:00 AM	Ben-zidine	n/a	<	3.2	µg/L	EPA 625.1	3.2	10	WKL	
MO-HUE	2021/22-4	Dry	5/3/2022 12:15:00 PM	5/14/2022 3:44:00 AM	Benzo(a)pyrene	n/a	<	0.051	µg/L	EPA 8270C	0.051	0.1	WKL	
MO-HUE	2021/22-4	Dry	5/3/2022 12:15:00 PM	5/12/2022 3:52:00 AM	Benzo(a)pyrene	n/a	<	0.39	µg/L	EPA 625.1	0.39	1	WKL	
MO-HUE	2021/22-4	Dry	5/3/2022 12:15:00 PM	5/10/2022 8:33:00 PM	Benzo(a)pyrene	n/a	<	0.02	µg/L	EPA 525.2	0.02	0.1	WKL	
MO-HUE	2021/22-4	Dry	5/3/2022 12:15:00 PM	5/12/2022 3:52:00 AM	Benzo(b)fluoranthene	n/a	<	0.46	µg/L	EPA 625.1	0.46	1	WKL	
MO-HUE	2021/22-4	Dry	5/3/2022 12:15:00 PM	5/14/2022 3:44:00 AM	Benzo(b)fluoranthene	n/a	<	0.074	µg/L	EPA 8270C	0.074	0.1	WKL	
MO-HUE	2021/22-4	Dry	5/3/2022 12:15:00 PM	5/12/2022 3:52:00 AM	Benzo(g,h,i)perylene	n/a	<	0.42	µg/L	EPA 625.1	0.42	2	WKL	
MO-HUE	2021/22-4	Dry	5/3/2022 12:15:00 PM	5/14/2022 3:44:00 AM	Benzo(g,h,i)perylene	n/a	<	0.05	µg/L	EPA 8270C	0.05	0.1	WKL	
MO-HUE	2021/22-4	Dry	5/3/2022 12:15:00 PM	5/12/2022 3:52:00 AM	Benzo(k)fluoranthene	n/a	<	0.22	µg/L	EPA 625.1	0.22	1	WKL	
MO-HUE	2021/22-4	Dry	5/3/2022 12:15:00 PM	5/14/2022 3:44:00 AM	Benzo(k)fluoranthene	n/a	DNQ	0.032	µg/L	EPA 8270C	0.026	0.1	WKL	
MO-HUE	2021/22-4	Dry	5/3/2022 12:15:00 PM	5/12/2022 3:52:00 AM	Bis(2-chloroethoxy)methane	n/a	<	0.25	µg/L	EPA 625.1	0.25	1	WKL	
MO-HUE	2021/22-4	Dry	5/3/2022 12:15:00 PM	5/12/2022 3:52:00 AM	Bis(2-chloroethyl)ether	n/a	<	0.27	µg/L	EPA 625.1	0.27	1	WKL	
MO-HUE	2021/22-4	Dry	5/3/2022 12:15:00 PM	5/12/2022 3:52:00 AM	Bis(2-chloroisopropyl)ether	n/a	<	0.38	µg/L	EPA 625.1	0.38	1	WKL	
MO-HUE	2021/22-4	Dry	5/3/2022 12:15:00 PM	5/10/2022 8:33:00 PM	Bis(2-ethylhexyl)adipate	n/a	<	0.42	µg/L	EPA 525.2	0.42	5	WKL	
MO-HUE	2021/22-4	Dry	5/3/2022 12:15:00 PM	5/10/2022 8:33:00 PM	Bis(2-ethylhexyl)phthalate	n/a	<	0.41	µg/L	EPA 525.2	0.41	3	WKL	
MO-HUE	2021/22-4	Dry	5/3/2022 12:15:00 PM	5/12/2022 3:52:00 AM	Bis(2-ethylhexyl)phthalate	n/a	<	2.3	µg/L	EPA 625.1	2.3	5	WKL	
MO-HUE	2021/22-4	Dry	5/3/2022 12:15:00 PM	5/12/2022 3:52:00 AM	Butyl benzyl phthalate	n/a	<	0.49	µg/L	EPA 625.1	0.49	1	WKL	
MO-HUE	2021/22-4	Dry	5/3/2022 12:15:00 PM	5/12/2022 3:52:00 AM	Chrysene	n/a	<	0.19	µg/L	EPA 625.1	0.19	1	WKL	
MO-HUE	2021/22-4	Dry	5/3/2022 12:15:00 PM	5/14/2022 3:44:00 AM	Chrysene	n/a	<	0.074	µg/L	EPA 8270C	0.074	0.1	WKL	
MO-HUE	2021/22-4	Dry	5/3/2022 12:15:00 PM	5/14/2022 3:44:00 AM	Dibenz(a,h)anthracene	n/a	<	0.036	µg/L	EPA 8270C	0.036	0.1	WKL	
MO-HUE	2021/22-4	Dry	5/3/2022 12:15:00 PM	5/12/2022 3:52:00 AM	Dibenz(a,h)anthracene	n/a	<	0.15	µg/L	EPA 625.1	0.15	2	WKL	
MO-HUE	2021/22-4	Dry	5/3/2022 12:15:00 PM	5/12/2022 3:52:00 AM	Diethyl phthalate	n/a	<	0.35	µg/L	EPA 625.1	0.35	1	WKL	
MO-HUE	2021/22-4	Dry	5/3/2022 12:15:00 PM	5/12/2022 3:52:00 AM	Dimethyl phthalate	n/a	=	1.8	µg/L	EPA 625.1	0.18	1	WKL	
MO-HUE	2021/22-4	Dry	5/3/2022 12:15:00 PM	5/12/2022 3:52:00 AM	Di-n-butylphthalate	n/a	DNQ	0.34	µg/L	EPA 625.1	0.34	1	WKL	
MO-HUE	2021/22-4	Dry	5/3/2022 12:15:00 PM	5/12/2022 3:52:00 AM	Di-n-octylphthalate	n/a	<	0.46	µg/L	EPA 625.1	0.46	1	WKL	
MO-HUE	2021/22-4	Dry	5/3/2022 12:15:00 PM	5/12/2022 3:52:00 AM	Fluoranthene	n/a	<	0.35	µg/L	EPA 625.1	0.35	1	WKL	
MO-HUE	2021/22-4	Dry	5/3/2022 12:15:00 PM	5/14/2022 3:44:00 AM	Fluoranthene	n/a	<	0.039	µg/L	EPA 8270C	0.039	0.1	WKL	
MO-HUE	2021/22-4	Dry	5/3/2022 12:15:00 PM	5/12/2022 3:52:00 AM	Fluorene	n/a	<	0.35	µg/L	EPA 625.1	0.35	1	WKL	
MO-HUE	2021/22-4	Dry	5/3/2022 12:15:00 PM	5/14/2022 3:44:00 AM	Fluorene	n/a	<	0.029	µg/L	EPA 8270C	0.029	0.1	WKL	
MO-HUE	2021/22-4	Dry	5/3/2022 12:15:00 PM	5/12/2022 3:52:00 AM	Hexachlorobenzene	n/a	<	0.49	µg/L	EPA 625.1	0.49	1	WKL	
MO-HUE	2021/22-4	Dry	5/3/2022 12:15:00 PM	5/12/2022 3:52:00 AM	Hexachlorobutadiene	n/a	<	0.47	µg/L	EPA 625.1	0.47	1	WKL	
MO-HUE	2021/22-4	Dry	5/3/2022 12:15:00 PM	5/12/2022 3:52:00 AM	Hexachlorocyclopentadiene	n/a	<	0.31	µg/L	EPA 625.1	0.31	5	WKL	
MO-HUE	2021/22-4	Dry	5/3/2022 12:15:00 PM	5/10/2022 8:33:00 PM	Hexachlorocyclopentadiene	n/a	<	0.092	µg/L	EPA 525.2	0.092	1	WKL	
MO-HUE	2021/22-4	Dry	5/3/2022 12:15:00 PM	5/12/2022 3:52:00 AM	Hexachloroethane	n/a	<	0.5	µg/L	EPA 625.1	0.5	1	WKL	
MO-HUE	2021/22-4	Dry	5/3/2022 12:15:00 PM	5/12/2022 3:52:00 AM	Indeno(1,2,3-cd)pyrene	n/a	<	0.25	µg/L	EPA 625.1	0.25	2	WKL	
MO-HUE	2021/22-4	Dry	5/3/2022 12:15:00 PM	5/14/2022 3:44:00 AM	Indeno(1,2,3-cd)pyrene	n/a	<	0.065	µg/L	EPA 8270C	0.065	0.1	WKL	
MO-HUE	2021/22-4	Dry	5/3/2022 12:15:00 PM	5/12/2022 3:52:00 AM	Isophorone	n/a	<	0.21	µg/L	EPA 625.1	0.21	1	WKL	
MO-HUE	2021/22-4	Dry	5/3/2022 12:15:00 PM	5/12/2022 3:52:00 AM	Naphthalene	n/a	<	0.49	µg/L	EPA 625.1	0.49	1	WKL	
MO-HUE	2021/22-4	Dry	5/3/2022 12:15:00 PM	5/14/2022 3:44:00 AM	Naphthalene	n/a	<	0.026	µg/L	EPA 8270C	0.026	0.1	WKL	
MO-HUE	2021/22-4	Dry	5/3/2022 12:15:00 PM	5/12/2022 3:52:00 AM	Nitrobenzene	n/a	<	0.36	µg/L	EPA 625.1	0.36	1	WKL	
MO-HUE	2021/22-4	Dry	5/3/2022 12:15:00 PM	5/12/2022 3:52:00 AM	N-Nitrosodimethylamine	n/a	<	0.5	µg/L	EPA 625.1	0.5	1	WKL	
MO-HUE	2021/22-4	Dry	5/3/2022 12:15:00 PM	5/12/2022 3:52:00 AM	N-Nitrosodi-N-propylamine	n/a	<	0.26	µg/L	EPA 625.1	0.26	1	WKL	
MO-HUE	2021/22-4	Dry	5/3/2022 12:15:00 PM	5/12/2022 3:52:00 AM	N-Nitrosodiphenylamine	n/a	<	0.19	µg/L	EPA 625.1	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-HUE	2021/22-4	Dry	5/3/2022 12:15:00 PM	5/12/2022 3:52:00 AM	Phenanthrene	n/a	<	0.32	µg/L	EPA 625.1	0.32	1	WKL	
MO-HUE	2021/22-4	Dry	5/3/2022 12:15:00 PM	5/14/2022 3:44:00 AM	Phenanthrene	n/a	<	0.029	µg/L	EPA 8270C	0.029	0.1	WKL	
MO-HUE	2021/22-4	Dry	5/3/2022 12:15:00 PM	5/12/2022 3:52:00 AM	Phenol	n/a	<	0.81	µg/L	EPA 625.1	0.81	1	WKL	
MO-HUE	2021/22-4	Dry	5/3/2022 12:15:00 PM	5/26/2022 3:12:00 AM	Phenol	n/a	<	0.35	µg/L	EPA 8270C	0.35	1	WKL	
MO-HUE	2021/22-4	Dry	5/3/2022 12:15:00 PM	5/14/2022 3:44:00 AM	Pyrene	n/a	<	0.04	µg/L	EPA 8270C	0.04	0.1	WKL	
MO-HUE	2021/22-4	Dry	5/3/2022 12:15:00 PM	5/12/2022 3:52:00 AM	Pyrene	n/a	<	0.25	µg/L	EPA 625.1	0.25	1	WKL	
MO-HUE	2021/22-4	Dry	5/3/2022 12:15:00 PM	6/10/2022 8:54:00 AM	PCB Aroclor 1016	n/a	<	0.14	µg/L	EPA 608.3	0.14	2.5	WKL	
MO-HUE	2021/22-4	Dry	5/3/2022 12:15:00 PM	6/10/2022 8:54:00 AM	PCB Aroclor 1221	n/a	<	0.3	µg/L	EPA 608.3	0.3	2.5	WKL	
MO-HUE	2021/22-4	Dry	5/3/2022 12:15:00 PM	6/10/2022 8:54:00 AM	PCB Aroclor 1232	n/a	<	0.5	µg/L	EPA 608.3	0.5	2.5	WKL	
MO-HUE	2021/22-4	Dry	5/3/2022 12:15:00 PM	6/10/2022 8:54:00 AM	PCB Aroclor 1242	n/a	<	0.35	µg/L	EPA 608.3	0.35	2.5	WKL	
MO-HUE	2021/22-4	Dry	5/3/2022 12:15:00 PM	6/10/2022 8:54:00 AM	PCB Aroclor 1248	n/a	<	0.3	µg/L	EPA 608.3	0.3	2.5	WKL	
MO-HUE	2021/22-4	Dry	5/3/2022 12:15:00 PM	6/10/2022 8:54:00 AM	PCB Aroclor 1254	n/a	<	0.2	µg/L	EPA 608.3	0.2	2.5	WKL	
MO-HUE	2021/22-4	Dry	5/3/2022 12:15:00 PM	6/10/2022 8:54:00 AM	PCB Aroclor 1260	n/a	<	0.28	µg/L	EPA 608.3	0.28	2.5	WKL	
MO-HUE	2021/22-4	Dry	5/3/2022 12:15:00 PM	5/12/2022 9:07:00 PM	2,4,5-T	n/a	<	0.03	µg/L	EPA 515.4	0.03	0.2	WKL	
MO-HUE	2021/22-4	Dry	5/3/2022 12:15:00 PM	5/12/2022 9:07:00 PM	2,4,5-TP	n/a	<	0.026	µg/L	EPA 515.4	0.026	0.2	WKL	
MO-HUE	2021/22-4	Dry	5/3/2022 12:15:00 PM	5/12/2022 9:07:00 PM	2,4-D	n/a	<	0.14	µg/L	EPA 515.4	0.14	0.4	WKL	
MO-HUE	2021/22-4	Dry	5/3/2022 12:15:00 PM	5/12/2022 9:07:00 PM	2,4-DB	n/a	<	0.19	µg/L	EPA 515.4	0.19	2	WKL	
MO-HUE	2021/22-4	Dry	5/3/2022 12:15:00 PM	5/12/2022 9:07:00 PM	3,5-Dichlorobenzoic acid	n/a	<	0.12	µg/L	EPA 515.4	0.12	1	WKL	
MO-HUE	2021/22-4	Dry	5/3/2022 12:15:00 PM	6/10/2022 8:54:00 AM	4,4'-DDD	n/a	<	0.0035	µg/L	EPA 608.3	0.0035	0.25	WKL	
MO-HUE	2021/22-4	Dry	5/3/2022 12:15:00 PM	6/10/2022 8:54:00 AM	4,4'-DDE	n/a	<	0.0035	µg/L	EPA 608.3	0.0035	0.25	WKL	
MO-HUE	2021/22-4	Dry	5/3/2022 12:15:00 PM	6/10/2022 8:54:00 AM	4,4'-DDT	n/a	<	0.0055	µg/L	EPA 608.3	0.0055	0.05	WKL	
MO-HUE	2021/22-4	Dry	5/3/2022 12:15:00 PM	5/12/2022 9:07:00 PM	Acifluorfen	n/a	<	0.03	µg/L	EPA 515.4	0.03	0.4	WKL	
MO-HUE	2021/22-4	Dry	5/3/2022 12:15:00 PM	5/10/2022 8:33:00 PM	Alachlor	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1	WKL	
MO-HUE	2021/22-4	Dry	5/3/2022 12:15:00 PM	6/10/2022 8:54:00 AM	Aldrin	n/a	<	0.005	µg/L	EPA 608.3	0.005	0.025	WKL	
MO-HUE	2021/22-4	Dry	5/3/2022 12:15:00 PM	6/10/2022 8:54:00 AM	alpha-BHC	n/a	<	0.0055	µg/L	EPA 608.3	0.0055	0.05	WKL	
MO-HUE	2021/22-4	Dry	5/3/2022 12:15:00 PM	6/10/2022 8:54:00 AM	alpha-Chlordane	n/a	<	0.014	µg/L	EPA 608.3	0.014	0.05	WKL	
MO-HUE	2021/22-4	Dry	5/3/2022 12:15:00 PM	5/10/2022 8:33:00 PM	Atrazine	n/a	<	0.011	µg/L	EPA 525.2	0.011	0.1	WKL	
MO-HUE	2021/22-4	Dry	5/3/2022 12:15:00 PM	5/26/2022 5:12:00 AM	Azinphos methyl	n/a	<	0.0053	µg/L	EPA 625.1m	0.0053	0.01	WKL	
MO-HUE	2021/22-4	Dry	5/3/2022 12:15:00 PM	5/12/2022 9:07:00 PM	Bentazon	n/a	<	0.23	µg/L	EPA 515.4	0.23	2	WKL	
MO-HUE	2021/22-4	Dry	5/3/2022 12:15:00 PM	6/10/2022 8:54:00 AM	beta-BHC	n/a	<	0.0075	µg/L	EPA 608.3	0.0075	0.025	WKL	
MO-HUE	2021/22-4	Dry	5/3/2022 12:15:00 PM	5/26/2022 5:12:00 AM	Bolstar	n/a	<	0.0027	µg/L	EPA 625.1m	0.0027	0.01	WKL	
MO-HUE	2021/22-4	Dry	5/3/2022 12:15:00 PM	5/10/2022 8:33:00 PM	Bromacil	n/a	<	0.07	µg/L	EPA 525.2	0.07	0.5	WKL	
MO-HUE	2021/22-4	Dry	5/3/2022 12:15:00 PM	5/10/2022 8:33:00 PM	Butachlor	n/a	<	0.012	µg/L	EPA 525.2	0.012	0.1	WKL	
MO-HUE	2021/22-4	Dry	5/3/2022 12:15:00 PM	5/10/2022 8:33:00 PM	Captan	n/a	<	0.32	µg/L	EPA 525.2	0.32	1	WKL	
MO-HUE	2021/22-4	Dry	5/3/2022 12:15:00 PM	6/10/2022 8:54:00 AM	Chlordane (technical)	n/a	<	0.22	µg/L	EPA 608.3	0.22	0.5	WKL	
MO-HUE	2021/22-4	Dry	5/3/2022 12:15:00 PM	5/10/2022 8:33:00 PM	Chlorpropham	n/a	<	0.04	µg/L	EPA 525.2	0.04	0.1	WKL	
MO-HUE	2021/22-4	Dry	5/3/2022 12:15:00 PM	5/26/2022 5:12:00 AM	Chlorpyrifos	n/a	<	0.0013	µg/L	EPA 625.1m	0.0013	0.01	WKL	
MO-HUE	2021/22-4	Dry	5/3/2022 12:15:00 PM	5/26/2022 5:12:00 AM	Coumaphos	n/a	<	0.0055	µg/L	EPA 625.1m	0.0055	0.01	WKL	
MO-HUE	2021/22-4	Dry	5/3/2022 12:15:00 PM	5/12/2022 9:07:00 PM	Dalapon	n/a	<	0.11	µg/L	EPA 515.4	0.11	0.4	WKL	
MO-HUE	2021/22-4	Dry	5/3/2022 12:15:00 PM	5/12/2022 9:07:00 PM	DCPA (Dacthal)	n/a	<	0.029	µg/L	EPA 515.4	0.029	0.1	WKL	
MO-HUE	2021/22-4	Dry	5/3/2022 12:15:00 PM	6/10/2022 8:54:00 AM	delta-BHC	n/a	<	0.0095	µg/L	EPA 608.3	0.0095	0.025	WKL	
MO-HUE	2021/22-4	Dry	5/3/2022 12:15:00 PM	5/26/2022 5:12:00 AM	Demeton-O	n/a	<	0.0019	µg/L	EPA 625.1m	0.0019	0.01	WKL	
MO-HUE	2021/22-4	Dry	5/3/2022 12:15:00 PM	5/26/2022 5:12:00 AM	Demeton-S	n/a	<	0.0014	µg/L	EPA 625.1m	0.0014	0.01	WKL	
MO-HUE	2021/22-4	Dry	5/3/2022 12:15:00 PM	5/10/2022 8:33:00 PM	Diazinon	n/a	<	0.022	µg/L	EPA 525.2	0.022	0.1	WKL	
MO-HUE	2021/22-4	Dry	5/3/2022 12:15:00 PM	5/26/2022 5:12:00 AM	Diazinon	n/a	<	0.001	µg/L	EPA 625.1m	0.001	0.01	WKL	
MO-HUE	2021/22-4	Dry	5/3/2022 12:15:00 PM	5/12/2022 9:07:00 PM	Dicamba	n/a	<	0.049	µg/L	EPA 515.4	0.049	0.6	WKL	
MO-HUE	2021/22-4	Dry	5/3/2022 12:15:00 PM	5/12/2022 9:07:00 PM	Dichlorprop	n/a	<	0.12	µg/L	EPA 515.4	0.12	0.3	WKL	
MO-HUE	2021/22-4	Dry	5/3/2022 12:15:00 PM	5/26/2022 5:12:00 AM	Dichlorvos	n/a	<	0.0009	µg/L	EPA 625.1m	0.0009	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	2021/22-4	Dry	5/3/2022 12:15:00 PM	6/10/2022 8:54:00 AM	Dieldrin	n/a	<	0.004	µg/L	EPA 608.3	0.004	0.05	WKL	
MO-HUE	2021/22-4	Dry	5/3/2022 12:15:00 PM	5/10/2022 8:33:00 PM	Dimethoate	n/a	<	0.02	µg/L	EPA 525.2	0.02	0.2	WKL	
MO-HUE	2021/22-4	Dry	5/3/2022 12:15:00 PM	5/26/2022 5:12:00 AM	Dimethoate	n/a	<	0.0027	µg/L	EPA 625.1m	0.0027	0.01	WKL	
MO-HUE	2021/22-4	Dry	5/3/2022 12:15:00 PM	5/12/2022 9:07:00 PM	Dinoseb	n/a	<	0.033	µg/L	EPA 515.4	0.033	0.4	WKL	
MO-HUE	2021/22-4	Dry	5/3/2022 12:15:00 PM	5/10/2022 8:33:00 PM	Diphenamid	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1	WKL	
MO-HUE	2021/22-4	Dry	5/3/2022 12:15:00 PM	5/10/2022 8:33:00 PM	Disulfoton	n/a	<	0.015	µg/L	EPA 525.2	0.015	0.1	WKL	
MO-HUE	2021/22-4	Dry	5/3/2022 12:15:00 PM	5/26/2022 5:12:00 AM	Disulfoton	n/a	<	0.0017	µg/L	EPA 625.1m	0.0017	0.01	WKL	
MO-HUE	2021/22-4	Dry	5/3/2022 12:15:00 PM	6/10/2022 8:54:00 AM	Endosulfan I	n/a	<	0.0045	µg/L	EPA 608.3	0.0045	0.1	WKL	
MO-HUE	2021/22-4	Dry	5/3/2022 12:15:00 PM	6/10/2022 8:54:00 AM	Endosulfan II	n/a	<	0.0035	µg/L	EPA 608.3	0.0035	0.05	WKL	
MO-HUE	2021/22-4	Dry	5/3/2022 12:15:00 PM	6/10/2022 8:54:00 AM	Endosulfan sulfate	n/a	<	0.0065	µg/L	EPA 608.3	0.0065	0.25	WKL	
MO-HUE	2021/22-4	Dry	5/3/2022 12:15:00 PM	6/10/2022 8:54:00 AM	Endrin	n/a	<	0.0085	µg/L	EPA 608.3	0.0085	0.05	WKL	
MO-HUE	2021/22-4	Dry	5/3/2022 12:15:00 PM	6/10/2022 8:54:00 AM	Endrin aldehyde	n/a	<	0.0095	µg/L	EPA 608.3	0.0095	0.05	WKL	
MO-HUE	2021/22-4	Dry	5/3/2022 12:15:00 PM	5/10/2022 8:33:00 PM	EPTC	n/a	<	0.02	µg/L	EPA 525.2	0.02	0.1	WKL	
MO-HUE	2021/22-4	Dry	5/3/2022 12:15:00 PM	5/26/2022 5:12:00 AM	Ethoprop	n/a	<	0.0006	µg/L	EPA 625.1m	0.0006	0.01	WKL	
MO-HUE	2021/22-4	Dry	5/3/2022 12:15:00 PM	5/26/2022 5:12:00 AM	Ethyl parathion	n/a	<	0.0022	µg/L	EPA 625.1m	0.0022	0.01	WKL	
MO-HUE	2021/22-4	Dry	5/3/2022 12:15:00 PM	5/26/2022 5:12:00 AM	Fensulfothion	n/a	<	0.0029	µg/L	EPA 625.1m	0.0029	0.01	WKL	
MO-HUE	2021/22-4	Dry	5/3/2022 12:15:00 PM	5/26/2022 5:12:00 AM	Fenthion	n/a	<	0.0021	µg/L	EPA 625.1m	0.0021	0.01	WKL	LB-LCSR
MO-HUE	2021/22-4	Dry	5/3/2022 12:15:00 PM	6/10/2022 8:54:00 AM	gamma-BHC (Lindane)	n/a	<	0.002	µg/L	EPA 608.3	0.002	0.1	WKL	
MO-HUE	2021/22-4	Dry	5/3/2022 12:15:00 PM	6/10/2022 8:54:00 AM	gamma-Chlordane	n/a	<	0.012	µg/L	EPA 608.3	0.012	0.05	WKL	
MO-HUE	2021/22-4	Dry	5/3/2022 12:15:00 PM	5/4/2022 5:02:00 PM	Glyphosate	n/a	<	1.8	µg/L	EPA 547	1.8	5	WKL	
MO-HUE	2021/22-4	Dry	5/3/2022 12:15:00 PM	6/10/2022 8:54:00 AM	Heptachlor	n/a	<	0.003	µg/L	EPA 608.3	0.003	0.05	WKL	
MO-HUE	2021/22-4	Dry	5/3/2022 12:15:00 PM	6/10/2022 8:54:00 AM	Heptachlor epoxide	n/a	<	0.002	µg/L	EPA 608.3	0.002	0.05	WKL	
MO-HUE	2021/22-4	Dry	5/3/2022 12:15:00 PM	5/26/2022 5:12:00 AM	Malathion	n/a	<	0.0021	µg/L	EPA 625.1m	0.0021	0.01	WKL	
MO-HUE	2021/22-4	Dry	5/3/2022 12:15:00 PM	5/26/2022 5:12:00 AM	Merphos	n/a	<	0.0055	µg/L	EPA 625.1m	0.0055	0.01	WKL	
MO-HUE	2021/22-4	Dry	5/3/2022 12:15:00 PM	5/26/2022 5:12:00 AM	Methyl parathion	n/a	<	0.0013	µg/L	EPA 625.1m	0.0013	0.01	WKL	
MO-HUE	2021/22-4	Dry	5/3/2022 12:15:00 PM	5/10/2022 8:33:00 PM	Metolachlor	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1	WKL	
MO-HUE	2021/22-4	Dry	5/3/2022 12:15:00 PM	5/10/2022 8:33:00 PM	Metribuzin	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1	WKL	
MO-HUE	2021/22-4	Dry	5/3/2022 12:15:00 PM	5/26/2022 5:12:00 AM	Mevinphos	n/a	<	0.0013	µg/L	EPA 625.1m	0.0013	0.01	WKL	
MO-HUE	2021/22-4	Dry	5/3/2022 12:15:00 PM	5/10/2022 8:33:00 PM	Molinate	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1	WKL	
MO-HUE	2021/22-4	Dry	5/3/2022 12:15:00 PM	5/26/2022 5:12:00 AM	Naled	n/a	<	0.0007	µg/L	EPA 625.1m	0.0007	0.01	WKL	
MO-HUE	2021/22-4	Dry	5/3/2022 12:15:00 PM	5/12/2022 9:07:00 PM	Pentachlorophenol	n/a	<	0.046	µg/L	EPA 515.4	0.046	0.2	WKL	
MO-HUE	2021/22-4	Dry	5/3/2022 12:15:00 PM	5/12/2022 3:52:00 AM	Pentachlorophenol	n/a	<	0.4	µg/L	EPA 625.1	0.4	1	WKL	
MO-HUE	2021/22-4	Dry	5/3/2022 12:15:00 PM	5/26/2022 3:12:00 AM	Pentachlorophenol	n/a	<	0.15	µg/L	EPA 8270C	0.15	1	WKL	
MO-HUE	2021/22-4	Dry	5/3/2022 12:15:00 PM	5/26/2022 5:12:00 AM	Phorate	n/a	<	0.0014	µg/L	EPA 625.1m	0.0014	0.01	WKL	
MO-HUE	2021/22-4	Dry	5/3/2022 12:15:00 PM	5/12/2022 9:07:00 PM	Picloram	n/a	<	0.05	µg/L	EPA 515.4	0.05	0.6	WKL	
MO-HUE	2021/22-4	Dry	5/3/2022 12:15:00 PM	5/10/2022 8:33:00 PM	Prometryn	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1	WKL	
MO-HUE	2021/22-4	Dry	5/3/2022 12:15:00 PM	5/26/2022 5:12:00 AM	Ronnel (Fenchlorphos)	n/a	<	0.0014	µg/L	EPA 625.1m	0.0014	0.01	WKL	
MO-HUE	2021/22-4	Dry	5/3/2022 12:15:00 PM	5/10/2022 8:33:00 PM	Simazine	n/a	<	0.02	µg/L	EPA 525.2	0.02	0.1	WKL	
MO-HUE	2021/22-4	Dry	5/3/2022 12:15:00 PM	5/26/2022 5:12:00 AM	Stirophos (Tetrachlorvinphos)	n/a	<	0.0024	µg/L	EPA 625.1m	0.0024	0.01	WKL	
MO-HUE	2021/22-4	Dry	5/3/2022 12:15:00 PM	5/10/2022 8:33:00 PM	Terbacil	n/a	<	0.09	µg/L	EPA 525.2	0.09	2	WKL	
MO-HUE	2021/22-4	Dry	5/3/2022 12:15:00 PM	5/10/2022 8:33:00 PM	Thiobencarb	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1	WKL	
MO-HUE	2021/22-4	Dry	5/3/2022 12:15:00 PM	5/26/2022 5:12:00 AM	Tokuthion	n/a	<	0.0022	µg/L	EPA 625.1m	0.0022	0.01	WKL	
MO-HUE	2021/22-4	Dry	5/3/2022 12:15:00 PM	6/10/2022 8:54:00 AM	Toxaphene	n/a	<	0.42	µg/L	EPA 608.3	0.42	2.5	WKL	
MO-HUE	2021/22-4	Dry	5/3/2022 12:15:00 PM	5/26/2022 5:12:00 AM	Trichloronate	n/a	<	0.0016	µg/L	EPA 625.1m	0.0016	0.01	WKL	LB-LCSR
MO-HUE	2021/22-4	Dry	5/3/2022 12:15:00 PM	5/10/2022 8:33:00 PM	Trithion	n/a	<	0.02	µg/L	EPA 525.2	0.02	0.1	WKL	
MO-MEI	2021/22-1	Wet	10/25/2021 2:30:00 PM	10/26/2021 11:49:00 AM	E. Coli	n/a	=	461100	MPN/100 mL	MMO-MUG	1000	1000	FGL	
MO-MEI	2021/22-1	Wet	10/25/2021 2:30:00 PM	10/26/2021 11:49:00 AM	Total Coliform	n/a	>	2419600	MPN/100 mL	MMO-MUG	1000	1000	FGL	
MO-MEI	2021/22-1	Wet	10/25/2021 2:30:00 PM	10/25/2021 2:30:00 PM	Conductivity	n/a	=	275.4	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-MEI	2021/22-1	Wet	10/25/2021 2:30:00 PM	10/28/2021 3:57:00 PM	Cyanide	Total	=	0.0051	mg/L	ASTM D7511	0.0012	0.002	WKL	
MO-MEI	2021/22-1	Wet	10/25/2021 2:30:00 PM	10/25/2021 2:30:00 PM	DO	n/a	=	89	%	Field Meter	-88	0.1	Field Crew	
MO-MEI	2021/22-1	Wet	10/25/2021 2:30:00 PM	10/25/2021 2:30:00 PM	DO	n/a	=	8.52	mg/L	Field Meter	-88	0.3	Field Crew	
MO-MEI	2021/22-1	Wet	10/25/2021 2:30:00 PM	10/25/2021 2:30:00 PM	pH	n/a	=	7.66	pH Units	Field Meter	-88	0.01	Field Crew	
MO-MEI	2021/22-1	Wet	10/25/2021 2:30:00 PM	10/25/2021 2:30:00 PM	Salinity	n/a	=	200	mg/L	Field Meter	-88	100	Field Crew	
MO-MEI	2021/22-1	Wet	10/25/2021 2:30:00 PM	10/25/2021 2:30:00 PM	Specific Conductance	n/a	=	301	µmhos/cm	Field Meter	-88	1	Field Crew	
MO-MEI	2021/22-1	Wet	10/25/2021 2:30:00 PM	10/25/2021 2:30:00 PM	Temperature	n/a	=	17.1	°C	Field Meter	-88	0.1	Field Crew	
MO-MEI	2021/22-1	Wet	10/25/2021 2:30:00 PM	10/29/2021 6:07:00 PM	Gasoline Range Organics	n/a	<	0.065	mg/L	EPA 8260B	0.065	0.1	WKL	
MO-MEI	2021/22-1	Wet	10/25/2021 2:30:00 PM	11/15/2021 5:14:00 PM	Oil and Grease	n/a	DNQ	3.1	mg/L	EPA 1664B	1.3	5	WKL	
MO-MEI	2021/22-1	Wet	10/25/2021 2:30:00 PM	10/29/2021 8:53:00 PM	2-Chloroethyl vinyl ether	n/a	<	0.19	µg/L	EPA 624.1	0.19	1	WKL	
MO-MEI	2021/22-1	Wet	10/25/2021 2:30:00 PM	10/29/2021 8:53:00 PM	Methyl tert-butyl ether (MTBE)	n/a	<	0.4	µg/L	EPA 624.1	0.4	1	WKL	
MO-MEI	2021/22-1	Wet	10/26/2021 7:57:00 AM	11/13/2021 5:58:00 AM	Chloride	n/a	=	3.6	mg/L	EPA 300.0	0.38	1	WKL	
MO-MEI	2021/22-1	Wet	10/26/2021 7:57:00 AM	11/13/2021 5:58:00 AM	Fluoride	n/a	DNQ	0.052	mg/L	EPA 300.0	0.018	0.2	WKL	
MO-MEI	2021/22-1	Wet	10/26/2021 7:57:00 AM	10/30/2021 11:56:00 AM	Perchlorate	n/a	<	2	µg/L	EPA 314.0	2	10	WKL	
MO-MEI	2021/22-1	Wet	10/26/2021 7:57:00 AM	11/17/2021 6:18:00 PM	Calcium	Total	=	9.82	mg/L	EPA 200.7	0.16	0.5	WKL	
MO-MEI	2021/22-1	Wet	10/26/2021 7:57:00 AM	11/17/2021 6:18:00 PM	Magnesium	Total	=	3.54	mg/L	EPA 200.7	0.039	0.5	WKL	
MO-MEI	2021/22-1	Wet	10/26/2021 7:57:00 AM	10/29/2021 5:49:00 PM	Alkalinity as CaCO3	n/a	=	23	mg/L	SM 2320 B	2.3	5	WKL	
MO-MEI	2021/22-1	Wet	10/26/2021 7:57:00 AM	11/1/2021 6:04:00 PM	BOD	n/a	=	15	mg/L	SM 5210 B	2	2	WKL	
MO-MEI	2021/22-1	Wet	10/26/2021 7:57:00 AM	11/10/2021 11:21:00 AM	COD	n/a	=	130	mg/L	EPA 410.4	2.9	5	WKL	
MO-MEI	2021/22-1	Wet	10/26/2021 7:57:00 AM	11/17/2021 6:18:00 PM	Hardness as CaCO3	Total	=	39.1	mg/L	EPA 200.7	0.56	3.31	WKL	
MO-MEI	2021/22-1	Wet	10/26/2021 7:57:00 AM	10/27/2021 7:17:00 PM	MBAS	n/a	=	0.11	mg/L	SM 5540 C	0.013	0.05	WKL	
MO-MEI	2021/22-1	Wet	10/26/2021 7:57:00 AM	10/30/2021 11:38:00 AM	Specific Conductance	n/a	=	78	µmhos/cm	SM 2510 B	1.1	2	WKL	
MO-MEI	2021/22-1	Wet	10/26/2021 7:57:00 AM	10/31/2021 1:00:00 PM	Total Dissolved Solids	n/a	=	64	mg/L	SM 2540 C	4	10	WKL	
MO-MEI	2021/22-1	Wet	10/26/2021 7:57:00 AM	11/5/2021 12:34:00 PM	Total Organic Carbon	n/a	=	18	mg/L	SM 5310 B	0.19	0.3	WKL	
MO-MEI	2021/22-1	Wet	10/26/2021 7:57:00 AM	10/28/2021 7:27:00 PM	Total Suspended Solids	n/a	=	340	mg/L	SM 2540 D	-88	5	WKL	
MO-MEI	2021/22-1	Wet	10/26/2021 7:57:00 AM	10/28/2021 7:07:00 PM	Volatile Suspended Solids	n/a	=	90	mg/L	EPA 160.4	3.1	5	WKL	
MO-MEI	2021/22-1	Wet	10/26/2021 7:57:00 AM	11/19/2021 5:42:00 AM	Diesel Range Organics	n/a	=	1	mg/L	EPA 8015B	0.14	0.2	WKL	EST-LCSRPD
MO-MEI	2021/22-1	Wet	10/26/2021 7:57:00 AM	11/19/2021 5:42:00 AM	Oil Range Organics	n/a	<	0.66	mg/L	EPA 8015B	0.66	1	WKL	
MO-MEI	2021/22-1	Wet	10/26/2021 7:57:00 AM	11/11/2021 6:47:00 PM	Aluminum	Dissolved	=	43	µg/L	EPA 200.8	4.4	20	WKL	
MO-MEI	2021/22-1	Wet	10/26/2021 7:57:00 AM	11/11/2021 6:49:00 PM	Aluminum	Total	=	4500	µg/L	EPA 200.8	4.4	20	WKL	HB-MSR
MO-MEI	2021/22-1	Wet	10/26/2021 7:57:00 AM	11/11/2021 6:47:00 PM	Antimony	Dissolved	DNQ	0.26	µg/L	EPA 200.8	0.089	0.5	WKL	
MO-MEI	2021/22-1	Wet	10/26/2021 7:57:00 AM	11/11/2021 6:49:00 PM	Antimony	Total	=	0.73	µg/L	EPA 200.8	0.089	0.5	WKL	
MO-MEI	2021/22-1	Wet	10/26/2021 7:57:00 AM	11/11/2021 6:47:00 PM	Arsenic	Dissolved	=	0.69	µg/L	EPA 200.8	0.074	0.4	WKL	
MO-MEI	2021/22-1	Wet	10/26/2021 7:57:00 AM	11/11/2021 6:49:00 PM	Arsenic	Total	=	1.8	µg/L	EPA 200.8	0.074	0.4	WKL	
MO-MEI	2021/22-1	Wet	10/26/2021 7:57:00 AM	11/11/2021 6:49:00 PM	Barium	Total	=	79	µg/L	EPA 200.8	0.14	1	WKL	
MO-MEI	2021/22-1	Wet	10/26/2021 7:57:00 AM	11/11/2021 6:47:00 PM	Beryllium	Dissolved	<	0.062	µg/L	EPA 200.8	0.062	0.1	WKL	
MO-MEI	2021/22-1	Wet	10/26/2021 7:57:00 AM	11/11/2021 6:49:00 PM	Beryllium	Total	=	0.16	µg/L	EPA 200.8	0.062	0.1	WKL	
MO-MEI	2021/22-1	Wet	10/26/2021 7:57:00 AM	11/11/2021 6:47:00 PM	Cadmium	Dissolved	<	0.042	µg/L	EPA 200.8	0.042	0.2	WKL	
MO-MEI	2021/22-1	Wet	10/26/2021 7:57:00 AM	11/11/2021 6:49:00 PM	Cadmium	Total	=	0.24	µg/L	EPA 200.8	0.042	0.2	WKL	
MO-MEI	2021/22-1	Wet	10/26/2021 7:57:00 AM	11/11/2021 6:47:00 PM	Chromium	Dissolved	=	0.87	µg/L	EPA 200.8	0.089	0.2	WKL	UL-MB
MO-MEI	2021/22-1	Wet	10/26/2021 7:57:00 AM	11/11/2021 6:49:00 PM	Chromium	Total	=	9.9	µg/L	EPA 200.8	0.089	0.2	WKL	
MO-MEI	2021/22-1	Wet	10/26/2021 7:57:00 AM	11/2/2021 4:09:00 PM	Chromium VI	n/a	=	0.46	µg/L	EPA 218.6	0.0079	0.02	WKL	
MO-MEI	2021/22-1	Wet	10/26/2021 7:57:00 AM	11/11/2021 6:47:00 PM	Copper	Dissolved	=	8.9	µg/L	EPA 200.8	0.23	0.5	WKL	
MO-MEI	2021/22-1	Wet	10/26/2021 7:57:00 AM	11/11/2021 6:49:00 PM	Copper	Total	=	25	µg/L	EPA 200.8	0.23	0.5	WKL	
MO-MEI	2021/22-1	Wet	10/26/2021 7:57:00 AM	11/11/2021 6:47:00 PM	Iron	Dissolved	=	67	µg/L	EPA 200.8	3.9	20	WKL	
MO-MEI	2021/22-1	Wet	10/26/2021 7:57:00 AM	11/11/2021 6:49:00 PM	Iron	Total	=	5800	µg/L	EPA 200.8	3.9	20	WKL	
MO-MEI	2021/22-1	Wet	10/26/2021 7:57:00 AM	11/11/2021 6:47:00 PM	Lead	Dissolved	=	0.64	µg/L	EPA 200.8	0.083	0.2	WKL	
MO-MEI	2021/22-1	Wet	10/26/2021 7:57:00 AM	11/11/2021 6:49:00 PM	Lead	Total	=	11	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-MEI	2021/22-1	Wet	10/26/2021 7:57:00 AM	11/5/2021 5:37:00 PM	Mercury	Dissolved	DNQ	21	ng/L	EPA 245.1	17	50	WKL	UL-MB
MO-MEI	2021/22-1	Wet	10/26/2021 7:57:00 AM	11/5/2021 5:39:00 PM	Mercury	Total	DNQ	40	ng/L	EPA 245.1	17	50	WKL	
MO-MEI	2021/22-1	Wet	10/26/2021 7:57:00 AM	11/11/2021 6:47:00 PM	Nickel	Dissolved	=	2.1	µg/L	EPA 200.8	0.16	2	WKL	
MO-MEI	2021/22-1	Wet	10/26/2021 7:57:00 AM	11/11/2021 6:49:00 PM	Nickel	Total	=	14	µg/L	EPA 200.8	0.16	2	WKL	
MO-MEI	2021/22-1	Wet	10/26/2021 7:57:00 AM	11/11/2021 6:47:00 PM	Selenium	Dissolved	DNQ	0.11	µg/L	EPA 200.8	0.067	0.4	WKL	
MO-MEI	2021/22-1	Wet	10/26/2021 7:57:00 AM	11/11/2021 6:49:00 PM	Selenium	Total	DNQ	0.17	µg/L	EPA 200.8	0.067	0.4	WKL	
MO-MEI	2021/22-1	Wet	10/26/2021 7:57:00 AM	11/11/2021 6:47:00 PM	Silver	Dissolved	<	0.03	µg/L	EPA 200.8	0.03	0.2	WKL	
MO-MEI	2021/22-1	Wet	10/26/2021 7:57:00 AM	11/11/2021 6:49:00 PM	Silver	Total	DNQ	0.047	µg/L	EPA 200.8	0.03	0.2	WKL	
MO-MEI	2021/22-1	Wet	10/26/2021 7:57:00 AM	11/11/2021 6:47:00 PM	Thallium	Dissolved	<	0.021	µg/L	EPA 200.8	0.021	0.2	WKL	
MO-MEI	2021/22-1	Wet	10/26/2021 7:57:00 AM	11/11/2021 6:49:00 PM	Thallium	Total	DNQ	0.052	µg/L	EPA 200.8	0.021	0.2	WKL	
MO-MEI	2021/22-1	Wet	10/26/2021 7:57:00 AM	11/11/2021 6:47:00 PM	Zinc	Dissolved	=	23	µg/L	EPA 200.8	0.8	10	WKL	
MO-MEI	2021/22-1	Wet	10/26/2021 7:57:00 AM	11/11/2021 6:49:00 PM	Zinc	Total	=	120	µg/L	EPA 200.8	0.8	10	WKL	
MO-MEI	2021/22-1	Wet	10/26/2021 7:57:00 AM	10/27/2021 4:31:00 PM	Ammonia as N	n/a	=	0.4	mg/L	EPA 350.1	0.047	0.1	WKL	
MO-MEI	2021/22-1	Wet	10/26/2021 7:57:00 AM	10/28/2021 4:49:00 PM	Nitrate + Nitrite as N	n/a	=	0.51	mg/L	EPA 353.2	0.036	0.2	WKL	
MO-MEI	2021/22-1	Wet	10/26/2021 7:57:00 AM	11/17/2021 6:10:00 PM	Phosphorus as P	Dissolved	=	0.45	mg/L	EPA 200.7	0.018	0.05	WKL	
MO-MEI	2021/22-1	Wet	10/26/2021 7:57:00 AM	11/17/2021 6:18:00 PM	Phosphorus as P	Total	=	0.74	mg/L	EPA 200.7	0.018	0.05	WKL	
MO-MEI	2021/22-1	Wet	10/26/2021 7:57:00 AM	11/9/2021 3:14:00 PM	TKN	n/a	=	3.2	mg/L	EPA 351.2	0.13	0.2	WKL	
MO-MEI	2021/22-1	Wet	10/26/2021 7:57:00 AM	11/22/2021 9:29:00 PM	1,2,4-Trichlorobenzene	n/a	<	1	µg/L	EPA 625.1	1	2.1	WKL	
MO-MEI	2021/22-1	Wet	10/26/2021 7:57:00 AM	11/22/2021 9:29:00 PM	1,2-Dichlorobenzene	n/a	<	0.95	µg/L	EPA 625.1	0.95	2.1	WKL	
MO-MEI	2021/22-1	Wet	10/26/2021 7:57:00 AM	11/22/2021 9:29:00 PM	1,2-Diphenylhydrazine	n/a	<	0.62	µg/L	EPA 625.1	0.62	2.1	WKL	
MO-MEI	2021/22-1	Wet	10/26/2021 7:57:00 AM	11/22/2021 9:29:00 PM	1,3-Dichlorobenzene	n/a	<	0.86	µg/L	EPA 625.1	0.86	2.1	WKL	
MO-MEI	2021/22-1	Wet	10/26/2021 7:57:00 AM	11/22/2021 9:29:00 PM	1,4-Dichlorobenzene	n/a	<	0.99	µg/L	EPA 625.1	0.99	2.1	WKL	
MO-MEI	2021/22-1	Wet	10/26/2021 7:57:00 AM	11/17/2021 9:06:00 AM	1-Methylnaphthalene	n/a	<	0.049	µg/L	EPA 8270C	0.049	0.21	WKL	
MO-MEI	2021/22-1	Wet	10/26/2021 7:57:00 AM	11/19/2021 10:00:00 PM	2,4,5-Trichlorophenol	n/a	<	0.6	µg/L	EPA 8270C	0.6	2.1	WKL	
MO-MEI	2021/22-1	Wet	10/26/2021 7:57:00 AM	11/22/2021 9:29:00 PM	2,4,6-Trichlorophenol	n/a	<	0.45	µg/L	EPA 625.1	0.45	2.1	WKL	
MO-MEI	2021/22-1	Wet	10/26/2021 7:57:00 AM	11/19/2021 10:00:00 PM	2,4,6-Trichlorophenol	n/a	<	0.62	µg/L	EPA 8270C	0.62	2.1	WKL	
MO-MEI	2021/22-1	Wet	10/26/2021 7:57:00 AM	11/22/2021 9:29:00 PM	2,4-Dichlorophenol	n/a	<	0.53	µg/L	EPA 625.1	0.53	2.1	WKL	
MO-MEI	2021/22-1	Wet	10/26/2021 7:57:00 AM	11/19/2021 10:00:00 PM	2,4-Dichlorophenol	n/a	<	1	µg/L	EPA 8270C	1	2.1	WKL	
MO-MEI	2021/22-1	Wet	10/26/2021 7:57:00 AM	11/19/2021 10:00:00 PM	2,4-Dimethylphenol	n/a	<	2.1	µg/L	EPA 8270C	2.1	4.1	WKL	
MO-MEI	2021/22-1	Wet	10/26/2021 7:57:00 AM	11/22/2021 9:29:00 PM	2,4-Dimethylphenol	n/a	<	1.6	µg/L	EPA 625.1	1.6	2.1	WKL	
MO-MEI	2021/22-1	Wet	10/26/2021 7:57:00 AM	11/22/2021 9:29:00 PM	2,4-Dinitrophenol	n/a	<	3.8	µg/L	EPA 625.1	3.8	21	WKL	
MO-MEI	2021/22-1	Wet	10/26/2021 7:57:00 AM	11/19/2021 10:00:00 PM	2,4-Dinitrophenol	n/a	<	2.1	µg/L	EPA 8270C	2.1	4.1	WKL	
MO-MEI	2021/22-1	Wet	10/26/2021 7:57:00 AM	11/22/2021 9:29:00 PM	2,4-Dinitrotoluene	n/a	<	0.94	µg/L	EPA 625.1	0.94	2.1	WKL	
MO-MEI	2021/22-1	Wet	10/26/2021 7:57:00 AM	11/22/2021 9:29:00 PM	2,6-Dinitrotoluene	n/a	<	0.56	µg/L	EPA 625.1	0.56	2.1	WKL	
MO-MEI	2021/22-1	Wet	10/26/2021 7:57:00 AM	11/22/2021 9:29:00 PM	2-Chloronaphthalene	n/a	<	0.93	µg/L	EPA 625.1	0.93	2.1	WKL	
MO-MEI	2021/22-1	Wet	10/26/2021 7:57:00 AM	11/22/2021 9:29:00 PM	2-Chlorophenol	n/a	<	0.58	µg/L	EPA 625.1	0.58	2.1	WKL	
MO-MEI	2021/22-1	Wet	10/26/2021 7:57:00 AM	11/19/2021 10:00:00 PM	2-Chlorophenol	n/a	<	1.3	µg/L	EPA 8270C	1.3	2.1	WKL	
MO-MEI	2021/22-1	Wet	10/26/2021 7:57:00 AM	11/17/2021 9:06:00 AM	2-Methylnaphthalene	n/a	<	0.053	µg/L	EPA 8270C	0.053	0.21	WKL	
MO-MEI	2021/22-1	Wet	10/26/2021 7:57:00 AM	11/19/2021 10:00:00 PM	2-Methylphenol	n/a	<	0.7	µg/L	EPA 8270C	0.7	2.1	WKL	
MO-MEI	2021/22-1	Wet	10/26/2021 7:57:00 AM	11/22/2021 9:29:00 PM	2-Nitrophenol	n/a	<	0.53	µg/L	EPA 625.1	0.53	2.1	WKL	
MO-MEI	2021/22-1	Wet	10/26/2021 7:57:00 AM	11/19/2021 10:00:00 PM	2-Nitrophenol	n/a	<	1.5	µg/L	EPA 8270C	1.5	2.1	WKL	
MO-MEI	2021/22-1	Wet	10/26/2021 7:57:00 AM	11/22/2021 9:29:00 PM	3,3'-Dichlorobenzidine	n/a	<	5.1	µg/L	EPA 625.1	5.1	10	WKL	
MO-MEI	2021/22-1	Wet	10/26/2021 7:57:00 AM	11/19/2021 10:00:00 PM	3-/4-Methylphenol	n/a	<	0.62	µg/L	EPA 8270C	0.62	2.1	WKL	
MO-MEI	2021/22-1	Wet	10/26/2021 7:57:00 AM	11/22/2021 9:29:00 PM	4,6-Dinitro-2-methylphenol	n/a	<	1	µg/L	EPA 625.1	1	10	WKL	
MO-MEI	2021/22-1	Wet	10/26/2021 7:57:00 AM	11/19/2021 10:00:00 PM	4,6-Dinitro-2-methylphenol	n/a	<	0.29	µg/L	EPA 8270C	0.29	2.1	WKL	
MO-MEI	2021/22-1	Wet	10/26/2021 7:57:00 AM	11/22/2021 9:29:00 PM	4-Bromophenyl phenyl ether	n/a	<	0.74	µg/L	EPA 625.1	0.74	2.1	WKL	
MO-MEI	2021/22-1	Wet	10/26/2021 7:57:00 AM	11/22/2021 9:29:00 PM	4-Chloro-3-methylphenol	n/a	<	0.47	µg/L	EPA 625.1	0.47	2.1	WKL	
MO-MEI	2021/22-1	Wet	10/26/2021 7:57:00 AM	11/19/2021 10:00:00 PM	4-Chloro-3-methylphenol	n/a	<	0.76	µg/L	EPA 8270C	0.76	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
MO-MEI	2021/22-1	Wet	10/26/2021 7:57:00 AM	11/22/2021 9:29:00 PM	4-Chlorophenyl phenyl ether	n/a	<	0.84	µg/L	EPA 625.1	0.84	2.1	WKL	
MO-MEI	2021/22-1	Wet	10/26/2021 7:57:00 AM	11/19/2021 10:00:00 PM	4-Nitrophenol	n/a	<	2.1	µg/L	EPA 8270C	2.1	4.1	WKL	
MO-MEI	2021/22-1	Wet	10/26/2021 7:57:00 AM	11/22/2021 9:29:00 PM	4-Nitrophenol	n/a	<	2.5	µg/L	EPA 625.1	2.5	10	WKL	
MO-MEI	2021/22-1	Wet	10/26/2021 7:57:00 AM	11/17/2021 9:06:00 AM	Acenaphthene	n/a	<	0.058	µg/L	EPA 8270C	0.058	0.21	WKL	
MO-MEI	2021/22-1	Wet	10/26/2021 7:57:00 AM	11/22/2021 9:29:00 PM	Acenaphthene	n/a	<	0.78	µg/L	EPA 625.1	0.78	2.1	WKL	
MO-MEI	2021/22-1	Wet	10/26/2021 7:57:00 AM	11/22/2021 9:29:00 PM	Acenaphthylene	n/a	<	0.72	µg/L	EPA 625.1	0.72	2.1	WKL	
MO-MEI	2021/22-1	Wet	10/26/2021 7:57:00 AM	11/17/2021 9:06:00 AM	Acenaphthylene	n/a	<	0.068	µg/L	EPA 8270C	0.068	0.21	WKL	
MO-MEI	2021/22-1	Wet	10/26/2021 7:57:00 AM	11/17/2021 9:06:00 AM	Anthracene	n/a	<	0.051	µg/L	EPA 8270C	0.051	0.21	WKL	
MO-MEI	2021/22-1	Wet	10/26/2021 7:57:00 AM	11/22/2021 9:29:00 PM	Anthracene	n/a	<	0.84	µg/L	EPA 625.1	0.84	2.1	WKL	
MO-MEI	2021/22-1	Wet	10/26/2021 7:57:00 AM	11/22/2021 9:29:00 PM	Benz(a)anthracene	n/a	<	0.39	µg/L	EPA 625.1	0.39	2.1	WKL	
MO-MEI	2021/22-1	Wet	10/26/2021 7:57:00 AM	11/17/2021 9:06:00 AM	Benz(a)anthracene	n/a	DNQ	0.1	µg/L	EPA 8270C	0.1	0.21	WKL	
MO-MEI	2021/22-1	Wet	10/26/2021 7:57:00 AM	11/22/2021 9:29:00 PM	Benzo(b)fluoranthene	n/a	<	6.6	µg/L	EPA 625.1	6.6	21	WKL	
MO-MEI	2021/22-1	Wet	10/26/2021 7:57:00 AM	11/9/2021 8:52:00 PM	Benzo(a)pyrene	n/a	<	0.1	µg/L	EPA 525.2	0.1	0.5	WKL	
MO-MEI	2021/22-1	Wet	10/26/2021 7:57:00 AM	11/22/2021 9:29:00 PM	Benzo(a)pyrene	n/a	<	0.8	µg/L	EPA 625.1	0.8	2.1	WKL	
MO-MEI	2021/22-1	Wet	10/26/2021 7:57:00 AM	11/17/2021 9:06:00 AM	Benzo(a)pyrene	n/a	DNQ	0.12	µg/L	EPA 8270C	0.1	0.21	WKL	
MO-MEI	2021/22-1	Wet	10/26/2021 7:57:00 AM	11/17/2021 9:06:00 AM	Benzo(b)fluoranthene	n/a	<	0.15	µg/L	EPA 8270C	0.15	0.21	WKL	
MO-MEI	2021/22-1	Wet	10/26/2021 7:57:00 AM	11/22/2021 9:29:00 PM	Benzo(b)fluoranthene	n/a	<	0.95	µg/L	EPA 625.1	0.95	2.1	WKL	
MO-MEI	2021/22-1	Wet	10/26/2021 7:57:00 AM	11/22/2021 9:29:00 PM	Benzo(g,h,i)perylene	n/a	<	0.86	µg/L	EPA 625.1	0.86	4.1	WKL	
MO-MEI	2021/22-1	Wet	10/26/2021 7:57:00 AM	11/17/2021 9:06:00 AM	Benzo(g,h,i)perylene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.21	WKL	
MO-MEI	2021/22-1	Wet	10/26/2021 7:57:00 AM	11/22/2021 9:29:00 PM	Benzo(k)fluoranthene	n/a	<	0.45	µg/L	EPA 625.1	0.45	2.1	WKL	
MO-MEI	2021/22-1	Wet	10/26/2021 7:57:00 AM	11/17/2021 9:06:00 AM	Benzo(k)fluoranthene	n/a	DNQ	0.063	µg/L	EPA 8270C	0.053	0.21	WKL	
MO-MEI	2021/22-1	Wet	10/26/2021 7:57:00 AM	11/22/2021 9:29:00 PM	Bis(2-chloroethoxy)methane	n/a	<	0.51	µg/L	EPA 625.1	0.51	2.1	WKL	
MO-MEI	2021/22-1	Wet	10/26/2021 7:57:00 AM	11/22/2021 9:29:00 PM	Bis(2-chloroethyl)ether	n/a	<	0.56	µg/L	EPA 625.1	0.56	2.1	WKL	
MO-MEI	2021/22-1	Wet	10/26/2021 7:57:00 AM	11/22/2021 9:29:00 PM	Bis(2-chloroisopropyl)ether	n/a	<	0.78	µg/L	EPA 625.1	0.78	2.1	WKL	
MO-MEI	2021/22-1	Wet	10/26/2021 7:57:00 AM	11/9/2021 8:52:00 PM	Bis(2-ethylhexyl)adipate	n/a	<	2.1	µg/L	EPA 525.2	2.1	25	WKL	
MO-MEI	2021/22-1	Wet	10/26/2021 7:57:00 AM	11/9/2021 8:52:00 PM	Bis(2-ethylhexyl)phthalate	n/a	<	2	µg/L	EPA 525.2	2	15	WKL	
MO-MEI	2021/22-1	Wet	10/26/2021 7:57:00 AM	11/22/2021 9:29:00 PM	Bis(2-ethylhexyl)phthalate	n/a	DNQ	7.9	µg/L	EPA 625.1	4.8	10	WKL	UL-MB
MO-MEI	2021/22-1	Wet	10/26/2021 7:57:00 AM	11/22/2021 9:29:00 PM	Butyl benzyl phthalate	n/a	DNQ	1.1	µg/L	EPA 625.1	1	2.1	WKL	
MO-MEI	2021/22-1	Wet	10/26/2021 7:57:00 AM	11/22/2021 9:29:00 PM	Chrysene	n/a	<	0.39	µg/L	EPA 625.1	0.39	2.1	WKL	
MO-MEI	2021/22-1	Wet	10/26/2021 7:57:00 AM	11/17/2021 9:06:00 AM	Chrysene	n/a	<	0.15	µg/L	EPA 8270C	0.15	0.21	WKL	
MO-MEI	2021/22-1	Wet	10/26/2021 7:57:00 AM	11/22/2021 9:29:00 PM	Dibenz(a,h)anthracene	n/a	<	0.31	µg/L	EPA 625.1	0.31	4.1	WKL	
MO-MEI	2021/22-1	Wet	10/26/2021 7:57:00 AM	11/17/2021 9:06:00 AM	Dibenz(a,h)anthracene	n/a	DNQ	0.074	µg/L	EPA 8270C	0.074	0.21	WKL	
MO-MEI	2021/22-1	Wet	10/26/2021 7:57:00 AM	11/22/2021 9:29:00 PM	Diethyl phthalate	n/a	<	0.72	µg/L	EPA 625.1	0.72	2.1	WKL	
MO-MEI	2021/22-1	Wet	10/26/2021 7:57:00 AM	11/22/2021 9:29:00 PM	Dimethyl phthalate	n/a	<	0.37	µg/L	EPA 625.1	0.37	2.1	WKL	
MO-MEI	2021/22-1	Wet	10/26/2021 7:57:00 AM	11/22/2021 9:29:00 PM	Di-n-butylphthalate	n/a	<	0.7	µg/L	EPA 625.1	0.7	2.1	WKL	
MO-MEI	2021/22-1	Wet	10/26/2021 7:57:00 AM	11/22/2021 9:29:00 PM	Di-n-octylphthalate	n/a	<	0.95	µg/L	EPA 625.1	0.95	2.1	WKL	
MO-MEI	2021/22-1	Wet	10/26/2021 7:57:00 AM	11/22/2021 9:29:00 PM	Fluoranthene	n/a	<	0.71	µg/L	EPA 625.1	0.71	2.1	WKL	
MO-MEI	2021/22-1	Wet	10/26/2021 7:57:00 AM	11/17/2021 9:06:00 AM	Fluoranthene	n/a	DNQ	0.092	µg/L	EPA 8270C	0.08	0.21	WKL	
MO-MEI	2021/22-1	Wet	10/26/2021 7:57:00 AM	11/17/2021 9:06:00 AM	Fluorene	n/a	<	0.06	µg/L	EPA 8270C	0.06	0.21	WKL	
MO-MEI	2021/22-1	Wet	10/26/2021 7:57:00 AM	11/22/2021 9:29:00 PM	Fluorene	n/a	<	0.72	µg/L	EPA 625.1	0.72	2.1	WKL	
MO-MEI	2021/22-1	Wet	10/26/2021 7:57:00 AM	11/22/2021 9:29:00 PM	Hexachlorobenzene	n/a	<	1	µg/L	EPA 625.1	1	2.1	WKL	
MO-MEI	2021/22-1	Wet	10/26/2021 7:57:00 AM	11/22/2021 9:29:00 PM	Hexachlorobutadiene	n/a	<	0.97	µg/L	EPA 625.1	0.97	2.1	WKL	
MO-MEI	2021/22-1	Wet	10/26/2021 7:57:00 AM	11/9/2021 8:52:00 PM	Hexachlorocyclopentadiene	n/a	<	0.46	µg/L	EPA 525.2	0.46	5	WKL	
MO-MEI	2021/22-1	Wet	10/26/2021 7:57:00 AM	11/22/2021 9:29:00 PM	Hexachlorocyclopentadiene	n/a	<	0.64	µg/L	EPA 625.1	0.64	10	WKL	
MO-MEI	2021/22-1	Wet	10/26/2021 7:57:00 AM	11/22/2021 9:29:00 PM	Hexachloroethane	n/a	<	1	µg/L	EPA 625.1	1	2.1	WKL	
MO-MEI	2021/22-1	Wet	10/26/2021 7:57:00 AM	11/22/2021 9:29:00 PM	Indeno(1,2,3-cd)pyrene	n/a	<	0.5	µg/L	EPA 625.1	0.5	4.1	WKL	
MO-MEI	2021/22-1	Wet	10/26/2021 7:57:00 AM	11/17/2021 9:06:00 AM	Indeno(1,2,3-cd)pyrene	n/a	DNQ	0.13	µg/L	EPA 8270C	0.13	0.21	WKL	
MO-MEI	2021/22-1	Wet	10/26/2021 7:57:00 AM	11/22/2021 9:29:00 PM	Isophorone	n/a	<	0.43	µg/L	EPA 625.1	0.43	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
MO-MEI	2021/22-1	Wet	10/26/2021 7:57:00 AM	11/17/2021 9:06:00 AM	Naphthalene	n/a	<	0.053	µg/L	EPA 8270C	0.053	0.21	WKL	
MO-MEI	2021/22-1	Wet	10/26/2021 7:57:00 AM	11/22/2021 9:29:00 PM	Naphthalene	n/a	<	1	µg/L	EPA 625.1	1	2.1	WKL	
MO-MEI	2021/22-1	Wet	10/26/2021 7:57:00 AM	11/22/2021 9:29:00 PM	Nitrobenzene	n/a	<	0.74	µg/L	EPA 625.1	0.74	2.1	WKL	
MO-MEI	2021/22-1	Wet	10/26/2021 7:57:00 AM	11/22/2021 9:29:00 PM	N-Nitrosodimethylamine	n/a	<	1	µg/L	EPA 625.1	1	2.1	WKL	
MO-MEI	2021/22-1	Wet	10/26/2021 7:57:00 AM	11/22/2021 9:29:00 PM	N-Nitrosodi-N-propylamine	n/a	<	0.53	µg/L	EPA 625.1	0.53	2.1	WKL	
MO-MEI	2021/22-1	Wet	10/26/2021 7:57:00 AM	11/22/2021 9:29:00 PM	N-Nitrosodiphenylamine	n/a	<	0.39	µg/L	EPA 625.1	0.39	2.1	WKL	
MO-MEI	2021/22-1	Wet	10/26/2021 7:57:00 AM	11/17/2021 9:06:00 AM	Phenanthrene	n/a	DNQ	0.074	µg/L	EPA 8270C	0.06	0.21	WKL	
MO-MEI	2021/22-1	Wet	10/26/2021 7:57:00 AM	11/22/2021 9:29:00 PM	Phenanthrene	n/a	<	0.66	µg/L	EPA 625.1	0.66	2.1	WKL	
MO-MEI	2021/22-1	Wet	10/26/2021 7:57:00 AM	11/22/2021 9:29:00 PM	Phenol	n/a	<	1.7	µg/L	EPA 625.1	1.7	2.1	WKL	
MO-MEI	2021/22-1	Wet	10/26/2021 7:57:00 AM	11/19/2021 10:00:00 PM	Phenol	n/a	<	0.72	µg/L	EPA 8270C	0.72	2.1	WKL	
MO-MEI	2021/22-1	Wet	10/26/2021 7:57:00 AM	11/22/2021 9:29:00 PM	Pyrene	n/a	<	0.51	µg/L	EPA 625.1	0.51	2.1	WKL	
MO-MEI	2021/22-1	Wet	10/26/2021 7:57:00 AM	11/17/2021 9:06:00 AM	Pyrene	n/a	<	0.082	µg/L	EPA 8270C	0.082	0.21	WKL	
MO-MEI	2021/22-1	Wet	10/26/2021 7:57:00 AM	12/10/2021 9:19:00 PM	PCB Aroclor 1016	n/a	<	4.2	µg/L	EPA 608.3	4.2	4.2	WKL	
MO-MEI	2021/22-1	Wet	10/26/2021 7:57:00 AM	12/10/2021 9:19:00 PM	PCB Aroclor 1221	n/a	<	4.2	µg/L	EPA 608.3	4.2	4.2	WKL	
MO-MEI	2021/22-1	Wet	10/26/2021 7:57:00 AM	12/10/2021 9:19:00 PM	PCB Aroclor 1232	n/a	<	4.2	µg/L	EPA 608.3	4.2	4.2	WKL	
MO-MEI	2021/22-1	Wet	10/26/2021 7:57:00 AM	12/10/2021 9:19:00 PM	PCB Aroclor 1242	n/a	<	4.2	µg/L	EPA 608.3	4.2	4.2	WKL	
MO-MEI	2021/22-1	Wet	10/26/2021 7:57:00 AM	12/10/2021 9:19:00 PM	PCB Aroclor 1248	n/a	<	4.2	µg/L	EPA 608.3	4.2	4.2	WKL	
MO-MEI	2021/22-1	Wet	10/26/2021 7:57:00 AM	12/10/2021 9:19:00 PM	PCB Aroclor 1254	n/a	<	4.2	µg/L	EPA 608.3	4.2	4.2	WKL	
MO-MEI	2021/22-1	Wet	10/26/2021 7:57:00 AM	12/10/2021 9:19:00 PM	PCB Aroclor 1260	n/a	<	4.2	µg/L	EPA 608.3	4.2	4.2	WKL	
MO-MEI	2021/22-1	Wet	10/26/2021 7:57:00 AM	12/10/2021 9:19:00 PM	4,4'-DDD	n/a	<	0.003	µg/L	EPA 608.3	0.003	0.21	WKL	
MO-MEI	2021/22-1	Wet	10/26/2021 7:57:00 AM	12/10/2021 9:19:00 PM	4,4'-DDE	n/a	<	0.003	µg/L	EPA 608.3	0.003	0.21	WKL	
MO-MEI	2021/22-1	Wet	10/26/2021 7:57:00 AM	12/10/2021 9:19:00 PM	4,4'-DDT	n/a	<	0.0047	µg/L	EPA 608.3	0.0047	0.042	WKL	
MO-MEI	2021/22-1	Wet	10/26/2021 7:57:00 AM	11/9/2021 8:52:00 PM	Alachlor	n/a	<	0.15	µg/L	EPA 525.2	0.15	0.5	WKL	
MO-MEI	2021/22-1	Wet	10/26/2021 7:57:00 AM	12/10/2021 9:19:00 PM	Aldrin	n/a	<	0.0042	µg/L	EPA 608.3	0.0042	0.021	WKL	
MO-MEI	2021/22-1	Wet	10/26/2021 7:57:00 AM	12/10/2021 9:19:00 PM	alpha-BHC	n/a	<	0.0047	µg/L	EPA 608.3	0.0047	0.042	WKL	
MO-MEI	2021/22-1	Wet	10/26/2021 7:57:00 AM	11/9/2021 8:52:00 PM	Atrazine	n/a	<	0.054	µg/L	EPA 525.2	0.054	0.5	WKL	
MO-MEI	2021/22-1	Wet	10/26/2021 7:57:00 AM	11/5/2021 11:02:00 PM	Azinphos methyl	n/a	<	0.0055	µg/L	EPA 625.1m	0.0055	0.01	WKL	
MO-MEI	2021/22-1	Wet	10/26/2021 7:57:00 AM	12/10/2021 9:19:00 PM	beta-BHC	n/a	<	0.0064	µg/L	EPA 608.3	0.0064	0.021	WKL	
MO-MEI	2021/22-1	Wet	10/26/2021 7:57:00 AM	11/5/2021 11:02:00 PM	Bolstar	n/a	<	0.0046	µg/L	EPA 625.1m	0.0046	0.01	WKL	
MO-MEI	2021/22-1	Wet	10/26/2021 7:57:00 AM	11/9/2021 8:52:00 PM	Bromacil	n/a	<	0.35	µg/L	EPA 525.2	0.35	2.5	WKL	
MO-MEI	2021/22-1	Wet	10/26/2021 7:57:00 AM	11/9/2021 8:52:00 PM	Butachlor	n/a	<	0.061	µg/L	EPA 525.2	0.061	0.5	WKL	
MO-MEI	2021/22-1	Wet	10/26/2021 7:57:00 AM	11/9/2021 8:52:00 PM	Captan	n/a	<	1.6	µg/L	EPA 525.2	1.6	5	WKL	
MO-MEI	2021/22-1	Wet	10/26/2021 7:57:00 AM	12/10/2021 9:19:00 PM	Chlordane (technical)	n/a	<	0.18	µg/L	EPA 608.3	0.18	0.42	WKL	
MO-MEI	2021/22-1	Wet	10/26/2021 7:57:00 AM	11/9/2021 8:52:00 PM	Chlorpropham	n/a	<	0.2	µg/L	EPA 525.2	0.2	0.5	WKL	
MO-MEI	2021/22-1	Wet	10/26/2021 7:57:00 AM	11/5/2021 11:02:00 PM	Chlorpyrifos	n/a	<	0.0069	µg/L	EPA 625.1m	0.0069	0.01	WKL	
MO-MEI	2021/22-1	Wet	10/26/2021 7:57:00 AM	11/5/2021 11:02:00 PM	Coumaphos	n/a	<	0.0051	µg/L	EPA 625.1m	0.0051	0.01	WKL	
MO-MEI	2021/22-1	Wet	10/26/2021 7:57:00 AM	12/10/2021 9:19:00 PM	delta-BHC	n/a	<	0.042	µg/L	EPA 608.3	0.042	0.042	WKL	
MO-MEI	2021/22-1	Wet	10/26/2021 7:57:00 AM	11/5/2021 11:02:00 PM	Demeton-O	n/a	<	0.01	µg/L	EPA 625.1m	0.01	0.01	WKL	
MO-MEI	2021/22-1	Wet	10/26/2021 7:57:00 AM	11/5/2021 11:02:00 PM	Demeton-S	n/a	<	0.01	µg/L	EPA 625.1m	0.01	0.01	WKL	
MO-MEI	2021/22-1	Wet	10/26/2021 7:57:00 AM	11/5/2021 11:02:00 PM	Diazinon	n/a	<	0.0052	µg/L	EPA 625.1m	0.0052	0.01	WKL	
MO-MEI	2021/22-1	Wet	10/26/2021 7:57:00 AM	11/9/2021 8:52:00 PM	Diazinon	n/a	<	0.11	µg/L	EPA 525.2	0.11	0.5	WKL	
MO-MEI	2021/22-1	Wet	10/26/2021 7:57:00 AM	11/5/2021 11:02:00 PM	Dichlorvos	n/a	<	0.0029	µg/L	EPA 625.1m	0.0029	0.01	WKL	
MO-MEI	2021/22-1	Wet	10/26/2021 7:57:00 AM	12/10/2021 9:19:00 PM	Dieldrin	n/a	<	0.0034	µg/L	EPA 608.3	0.0034	0.042	WKL	
MO-MEI	2021/22-1	Wet	10/26/2021 7:57:00 AM	11/5/2021 11:02:00 PM	Dimethoate	n/a	<	0.0062	µg/L	EPA 625.1m	0.0062	0.01	WKL	
MO-MEI	2021/22-1	Wet	10/26/2021 7:57:00 AM	11/9/2021 8:52:00 PM	Dimethoate	n/a	<	0.1	µg/L	EPA 525.2	0.1	1	WKL	
MO-MEI	2021/22-1	Wet	10/26/2021 7:57:00 AM	11/9/2021 8:52:00 PM	Diphenamid	n/a	<	0.15	µg/L	EPA 525.2	0.15	0.5	WKL	
MO-MEI	2021/22-1	Wet	10/26/2021 7:57:00 AM	11/9/2021 8:52:00 PM	Disulfoton	n/a	<	0.077	µg/L	EPA 525.2	0.077	0.5	WKL	
MO-MEI	2021/22-1	Wet	10/26/2021 7:57:00 AM	11/5/2021 11:02:00 PM	Disulfoton	n/a	<	0.01	µg/L	EPA 625.1m	0.01	0.01	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-MEI	2021/22-1	Wet	10/26/2021 7:57:00 AM	12/10/2021 9:19:00 PM	Endosulfan I	n/a	<	0.0038	µg/L	EPA 608.3	0.0038	0.085	WKL	
MO-MEI	2021/22-1	Wet	10/26/2021 7:57:00 AM	12/10/2021 9:19:00 PM	Endosulfan II	n/a	<	0.003	µg/L	EPA 608.3	0.003	0.042	WKL	
MO-MEI	2021/22-1	Wet	10/26/2021 7:57:00 AM	12/10/2021 9:19:00 PM	Endosulfan sulfate	n/a	<	0.0055	µg/L	EPA 608.3	0.0055	0.21	WKL	
MO-MEI	2021/22-1	Wet	10/26/2021 7:57:00 AM	12/10/2021 9:19:00 PM	Endrin	n/a	<	0.0072	µg/L	EPA 608.3	0.0072	0.042	WKL	
MO-MEI	2021/22-1	Wet	10/26/2021 7:57:00 AM	12/10/2021 9:19:00 PM	Endrin aldehyde	n/a	<	0.0081	µg/L	EPA 608.3	0.0081	0.042	WKL	
MO-MEI	2021/22-1	Wet	10/26/2021 7:57:00 AM	11/9/2021 8:52:00 PM	EPTC	n/a	<	0.1	µg/L	EPA 525.2	0.1	0.5	WKL	
MO-MEI	2021/22-1	Wet	10/26/2021 7:57:00 AM	11/5/2021 11:02:00 PM	Ethoprop	n/a	<	0.0067	µg/L	EPA 625.1m	0.0067	0.01	WKL	
MO-MEI	2021/22-1	Wet	10/26/2021 7:57:00 AM	11/5/2021 11:02:00 PM	Ethyl parathion	n/a	<	0.0054	µg/L	EPA 625.1m	0.0054	0.01	WKL	
MO-MEI	2021/22-1	Wet	10/26/2021 7:57:00 AM	11/5/2021 11:02:00 PM	Fensulfothion	n/a	<	0.0029	µg/L	EPA 625.1m	0.0029	0.01	WKL	
MO-MEI	2021/22-1	Wet	10/26/2021 7:57:00 AM	11/5/2021 11:02:00 PM	Fenthion	n/a	<	0.0038	µg/L	EPA 625.1m	0.0038	0.01	WKL	
MO-MEI	2021/22-1	Wet	10/26/2021 7:57:00 AM	12/10/2021 9:19:00 PM	gamma-BHC (Lindane)	n/a	<	0.0017	µg/L	EPA 608.3	0.0017	0.085	WKL	
MO-MEI	2021/22-1	Wet	10/26/2021 7:57:00 AM	11/7/2021 9:34:00 PM	Glyphosate	n/a	<	2.1	µg/L	EPA 547	2.1	25	BSKL	
MO-MEI	2021/22-1	Wet	10/26/2021 7:57:00 AM	12/10/2021 9:19:00 PM	Heptachlor	n/a	<	0.0025	µg/L	EPA 608.3	0.0025	0.042	WKL	
MO-MEI	2021/22-1	Wet	10/26/2021 7:57:00 AM	12/10/2021 9:19:00 PM	Heptachlor epoxide	n/a	<	0.0017	µg/L	EPA 608.3	0.0017	0.042	WKL	
MO-MEI	2021/22-1	Wet	10/26/2021 7:57:00 AM	11/5/2021 11:02:00 PM	Malathion	n/a	DNQ	0.0079	µg/L	EPA 625.1m	0.0076	0.01	WKL	
MO-MEI	2021/22-1	Wet	10/26/2021 7:57:00 AM	11/5/2021 11:02:00 PM	Merphos	n/a	<	0.0058	µg/L	EPA 625.1m	0.0058	0.01	WKL	
MO-MEI	2021/22-1	Wet	10/26/2021 7:57:00 AM	11/5/2021 11:02:00 PM	Methyl parathion	n/a	<	0.0063	µg/L	EPA 625.1m	0.0063	0.01	WKL	
MO-MEI	2021/22-1	Wet	10/26/2021 7:57:00 AM	11/9/2021 7:57:00 AM	Metolachlor	n/a	<	0.15	µg/L	EPA 525.2	0.15	0.5	WKL	
MO-MEI	2021/22-1	Wet	10/26/2021 7:57:00 AM	11/9/2021 8:52:00 PM	Metribuzin	n/a	<	0.15	µg/L	EPA 525.2	0.15	0.5	WKL	
MO-MEI	2021/22-1	Wet	10/26/2021 7:57:00 AM	11/5/2021 11:02:00 PM	Mevinphos	n/a	<	0.0042	µg/L	EPA 625.1m	0.0042	0.01	WKL	
MO-MEI	2021/22-1	Wet	10/26/2021 7:57:00 AM	11/9/2021 8:52:00 PM	Molinat	n/a	<	0.15	µg/L	EPA 525.2	0.15	0.5	WKL	
MO-MEI	2021/22-1	Wet	10/26/2021 7:57:00 AM	11/5/2021 11:02:00 PM	Naled	n/a	<	0.0076	µg/L	EPA 625.1m	0.0076	0.01	WKL	
MO-MEI	2021/22-1	Wet	10/26/2021 7:57:00 AM	11/22/2021 9:29:00 PM	Pentachlorophenol	n/a	DNQ	2	µg/L	EPA 625.1	0.82	2.1	WKL	
MO-MEI	2021/22-1	Wet	10/26/2021 7:57:00 AM	11/19/2021 10:00:00 PM	Pentachlorophenol	n/a	DNQ	2	µg/L	EPA 8270C	0.31	2.1	WKL	EST-LCSRPD
MO-MEI	2021/22-1	Wet	10/26/2021 7:57:00 AM	11/5/2021 11:02:00 PM	Phorate	n/a	<	0.003	µg/L	EPA 625.1m	0.003	0.01	WKL	
MO-MEI	2021/22-1	Wet	10/26/2021 7:57:00 AM	11/9/2021 8:52:00 PM	Prometryn	n/a	<	0.15	µg/L	EPA 525.2	0.15	0.5	WKL	
MO-MEI	2021/22-1	Wet	10/26/2021 7:57:00 AM	11/5/2021 11:02:00 PM	Ronnel (Fenchlorphos)	n/a	<	0.0041	µg/L	EPA 625.1m	0.0041	0.01	WKL	
MO-MEI	2021/22-1	Wet	10/26/2021 7:57:00 AM	11/9/2021 8:52:00 PM	Simazine	n/a	<	0.1	µg/L	EPA 525.2	0.1	0.5	WKL	
MO-MEI	2021/22-1	Wet	10/26/2021 7:57:00 AM	11/5/2021 11:02:00 PM	Stirophos (Tetrachlorvinphos)	n/a	<	0.0031	µg/L	EPA 625.1m	0.0031	0.01	WKL	
MO-MEI	2021/22-1	Wet	10/26/2021 7:57:00 AM	11/9/2021 8:52:00 PM	Terbacil	n/a	<	0.45	µg/L	EPA 525.2	0.45	10	WKL	
MO-MEI	2021/22-1	Wet	10/26/2021 7:57:00 AM	11/9/2021 8:52:00 PM	Thiobencarb	n/a	<	0.15	µg/L	EPA 525.2	0.15	0.5	WKL	
MO-MEI	2021/22-1	Wet	10/26/2021 7:57:00 AM	11/5/2021 11:02:00 PM	Tokuthion	n/a	<	0.0078	µg/L	EPA 625.1m	0.0078	0.01	WKL	
MO-MEI	2021/22-1	Wet	10/26/2021 7:57:00 AM	12/10/2021 9:19:00 PM	Toxaphene	n/a	<	4.2	µg/L	EPA 608.3	4.2	4.2	WKL	
MO-MEI	2021/22-1	Wet	10/26/2021 7:57:00 AM	11/5/2021 11:02:00 PM	Trichloronate	n/a	<	0.0067	µg/L	EPA 625.1m	0.0067	0.01	WKL	
MO-MEI	2021/22-1	Wet	10/26/2021 7:57:00 AM	11/9/2021 8:52:00 PM	Trithion	n/a	<	0.1	µg/L	EPA 525.2	0.1	0.5	WKL	
MO-MEI	2021/22-2	Wet	12/14/2021 2:25:00 AM	12/15/2021 2:50:00 AM	E. Coli	n/a	=	12997	MPN/100 mL	MMO-MUG	10	10	VCHCA	
MO-MEI	2021/22-2	Wet	12/14/2021 2:25:00 AM	12/15/2021 2:50:00 AM	Total Coliform	n/a	=	285100	MPN/100 mL	MMO-MUG	1000	1000	VCHCA	
MO-MEI	2021/22-2	Wet	12/14/2021 2:25:00 AM	12/14/2021 2:25:00 AM	Conductivity	n/a	=	89.1	µmhos/cm	Field Meter	-88	1	Field Crew	
MO-MEI	2021/22-2	Wet	12/14/2021 2:25:00 AM	12/22/2021 2:57:00 PM	Cyanide	Total	<	0.0012	mg/L	ASTM D7511	0.0012	0.002	WKL	
MO-MEI	2021/22-2	Wet	12/14/2021 2:25:00 AM	12/14/2021 2:25:00 AM	DO	n/a	=	9.6	mg/L	Field Meter	-88	0.3	Field Crew	
MO-MEI	2021/22-2	Wet	12/14/2021 2:25:00 AM	12/14/2021 2:25:00 AM	DO	n/a	=	88.8	%	Field Meter	-88	0.1	Field Crew	
MO-MEI	2021/22-2	Wet	12/14/2021 2:25:00 AM	12/14/2021 2:25:00 AM	pH	n/a	=	7.17	pH Units	Field Meter	-88	0.01	Field Crew	
MO-MEI	2021/22-2	Wet	12/14/2021 2:25:00 AM	12/14/2021 2:25:00 AM	Salinity	n/a	=	100	mg/L	Field Meter	-88	100	Field Crew	
MO-MEI	2021/22-2	Wet	12/14/2021 2:25:00 AM	12/14/2021 2:25:00 AM	Specific Conductance	n/a	=	120.8	µmhos/cm	Field Meter	-88	1	Field Crew	
MO-MEI	2021/22-2	Wet	12/14/2021 2:25:00 AM	12/14/2021 2:25:00 AM	Temperature	n/a	=	11.3	°C	Field Meter	-88	0.1	Field Crew	
MO-MEI	2021/22-2	Wet	12/14/2021 2:25:00 AM	12/21/2021 12:58:00 PM	Gasoline Range Organics	n/a	DNQ	0.078	mg/L	EPA 8260B	0.065	0.1	WKL	
MO-MEI	2021/22-2	Wet	12/14/2021 2:25:00 AM	12/21/2021 4:20:00 PM	Oil and Grease	n/a	DNQ	1.3	mg/L	EPA 1664B	1.3	5	WKL	
MO-MEI	2021/22-2	Wet	12/14/2021 2:25:00 AM	12/16/2021 9:39:00 PM	2-Chloroethyl vinyl ether	n/a	<	0.95	µg/L	EPA 624.1	0.95	5	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
MO-MEI	2021/22-2	Wet	12/14/2021 2:25:00 AM	12/16/2021 9:39:00 PM	Methyl tert-butyl ether (MTBE)	n/a	<	2	µg/L	EPA 624.1	2	5	WKL	DG
MO-MEI	2021/22-2	Wet	12/14/2021 2:15:00 PM	12/16/2021 3:17:00 PM	Chloride	n/a	=	6.9	mg/L	EPA 300.0	0.38	1	WKL	
MO-MEI	2021/22-2	Wet	12/14/2021 2:15:00 PM	12/17/2021 11:58:00 PM	Fluoride	n/a	DNQ	0.044	mg/L	EPA 300.0	0.018	0.2	WKL	
MO-MEI	2021/22-2	Wet	12/14/2021 2:15:00 PM	12/18/2021 11:46:00 PM	Perchlorate	n/a	<	0.78	µg/L	EPA 314.0	0.78	4	WKL	
MO-MEI	2021/22-2	Wet	12/14/2021 2:15:00 PM	12/28/2021 2:24:00 PM	Calcium	Total	=	8.81	mg/L	EPA 200.7	0.16	0.5	WKL	
MO-MEI	2021/22-2	Wet	12/14/2021 2:15:00 PM	12/28/2021 2:24:00 PM	Magnesium	Total	=	4.32	mg/L	EPA 200.7	0.039	0.5	WKL	
MO-MEI	2021/22-2	Wet	12/14/2021 2:15:00 PM	12/20/2021 10:22:00 AM	Alkalinity as CaCO3	n/a	=	18	mg/L	SM 2320 B	2.3	5	WKL	
MO-MEI	2021/22-2	Wet	12/14/2021 2:15:00 PM	12/20/2021 7:19:00 PM	BOD	n/a	=	7.8	mg/L	SM 5210 B	2	2	WKL	
MO-MEI	2021/22-2	Wet	12/14/2021 2:15:00 PM	1/2/2022 11:29:00 AM	COD	n/a	=	56	mg/L	EPA 410.4	2.9	5	WKL	
MO-MEI	2021/22-2	Wet	12/14/2021 2:15:00 PM	12/28/2021 2:24:00 PM	Hardness as CaCO3	Total	=	39.8	mg/L	EPA 200.7	0.56	3.31	WKL	
MO-MEI	2021/22-2	Wet	12/14/2021 2:15:00 PM	12/15/2021 7:27:00 PM	MBAS	n/a	DNQ	0.023	mg/L	SM 5540 C	0.013	0.05	WKL	
MO-MEI	2021/22-2	Wet	12/14/2021 2:15:00 PM	1/2/2022 11:50:00 AM	Phenolics	n/a	DNQ	0.0075	mg/L	EPA 420.4	0.0068	0.01	WKL	
MO-MEI	2021/22-2	Wet	12/14/2021 2:15:00 PM	12/16/2021 1:53:00 PM	Specific Conductance	n/a	=	100	µmhos/cm	SM 2510 B	1.1	2	WKL	
MO-MEI	2021/22-2	Wet	12/14/2021 2:15:00 PM	12/20/2021 12:36:00 PM	Total Dissolved Solids	n/a	=	79	mg/L	SM 2540 C	4	10	WKL	
MO-MEI	2021/22-2	Wet	12/14/2021 2:15:00 PM	12/24/2021 3:35:00 AM	Total Organic Carbon	n/a	=	10	mg/L	SM 5310 B	0.19	0.3	WKL	
MO-MEI	2021/22-2	Wet	12/14/2021 2:15:00 PM	12/20/2021 7:00:00 PM	Total Suspended Solids	n/a	=	240	mg/L	SM 2540 D	-88	5	WKL	
MO-MEI	2021/22-2	Wet	12/14/2021 2:15:00 PM	12/15/2021 5:41:00 PM	Turbidity	n/a	=	90	NTU	EPA 180.1	1.7	10	WKL	
MO-MEI	2021/22-2	Wet	12/14/2021 2:15:00 PM	12/20/2021 7:00:00 PM	Volatile Suspended Solids	n/a	=	23	mg/L	EPA 160.4	3.1	5	WKL	
MO-MEI	2021/22-2	Wet	12/14/2021 2:15:00 PM	12/29/2021 7:40:00 PM	Diesel Range Organics	n/a	<	0.36	mg/L	EPA 8015B	0.36	0.5	WKL	EST-LCSRPD
MO-MEI	2021/22-2	Wet	12/14/2021 2:15:00 PM	12/29/2021 7:40:00 PM	Oil Range Organics	n/a	<	1.6	mg/L	EPA 8015B	1.6	2.5	WKL	
MO-MEI	2021/22-2	Wet	12/14/2021 2:15:00 PM	1/4/2022 6:21:00 PM	Aluminum	Dissolved	=	67	µg/L	EPA 200.8	4.4	20	WKL	
MO-MEI	2021/22-2	Wet	12/14/2021 2:15:00 PM	1/4/2022 6:24:00 PM	Aluminum	Total	=	4900	µg/L	EPA 200.8	4.4	20	WKL	
MO-MEI	2021/22-2	Wet	12/14/2021 2:15:00 PM	1/4/2022 6:21:00 PM	Antimony	Dissolved	DNQ	0.2	µg/L	EPA 200.8	0.089	0.5	WKL	
MO-MEI	2021/22-2	Wet	12/14/2021 2:15:00 PM	1/4/2022 6:24:00 PM	Antimony	Total	DNQ	0.29	µg/L	EPA 200.8	0.089	0.5	WKL	
MO-MEI	2021/22-2	Wet	12/14/2021 2:15:00 PM	1/4/2022 6:21:00 PM	Arsenic	Dissolved	=	0.91	µg/L	EPA 200.8	0.074	0.4	WKL	
MO-MEI	2021/22-2	Wet	12/14/2021 2:15:00 PM	1/4/2022 6:24:00 PM	Arsenic	Total	=	1.8	µg/L	EPA 200.8	0.074	0.4	WKL	
MO-MEI	2021/22-2	Wet	12/14/2021 2:15:00 PM	1/4/2022 6:24:00 PM	Barium	Total	=	75	µg/L	EPA 200.8	0.14	1	WKL	
MO-MEI	2021/22-2	Wet	12/14/2021 2:15:00 PM	1/4/2022 6:21:00 PM	Beryllium	Dissolved	<	0.062	µg/L	EPA 200.8	0.062	0.1	WKL	
MO-MEI	2021/22-2	Wet	12/14/2021 2:15:00 PM	1/4/2022 6:24:00 PM	Beryllium	Total	=	0.19	µg/L	EPA 200.8	0.062	0.1	WKL	
MO-MEI	2021/22-2	Wet	12/14/2021 2:15:00 PM	1/4/2022 6:21:00 PM	Cadmium	Dissolved	<	0.042	µg/L	EPA 200.8	0.042	0.2	WKL	
MO-MEI	2021/22-2	Wet	12/14/2021 2:15:00 PM	1/4/2022 6:24:00 PM	Cadmium	Total	DNQ	0.14	µg/L	EPA 200.8	0.042	0.2	WKL	
MO-MEI	2021/22-2	Wet	12/14/2021 2:15:00 PM	1/4/2022 6:21:00 PM	Chromium	Dissolved	=	0.36	µg/L	EPA 200.8	0.089	0.2	WKL	
MO-MEI	2021/22-2	Wet	12/14/2021 2:15:00 PM	1/4/2022 6:24:00 PM	Chromium	Total	=	11	µg/L	EPA 200.8	0.089	0.2	WKL	
MO-MEI	2021/22-2	Wet	12/14/2021 2:15:00 PM	12/20/2021 2:40:00 PM	Chromium VI	n/a	=	0.095	µg/L	EPA 218.6	0.0079	0.02	WKL	
MO-MEI	2021/22-2	Wet	12/14/2021 2:15:00 PM	1/4/2022 6:21:00 PM	Copper	Dissolved	=	4.3	µg/L	EPA 200.8	0.23	0.5	WKL	
MO-MEI	2021/22-2	Wet	12/14/2021 2:15:00 PM	1/4/2022 6:24:00 PM	Copper	Total	=	13	µg/L	EPA 200.8	0.23	0.5	WKL	
MO-MEI	2021/22-2	Wet	12/14/2021 2:15:00 PM	1/4/2022 6:21:00 PM	Iron	Dissolved	=	140	µg/L	EPA 200.8	3.9	20	WKL	
MO-MEI	2021/22-2	Wet	12/14/2021 2:15:00 PM	1/4/2022 6:24:00 PM	Iron	Total	=	6400	µg/L	EPA 200.8	3.9	20	WKL	
MO-MEI	2021/22-2	Wet	12/14/2021 2:15:00 PM	1/4/2022 6:21:00 PM	Lead	Dissolved	DNQ	0.13	µg/L	EPA 200.8	0.083	0.2	WKL	
MO-MEI	2021/22-2	Wet	12/14/2021 2:15:00 PM	1/4/2022 6:24:00 PM	Lead	Total	=	5.6	µg/L	EPA 200.8	0.083	0.2	WKL	
MO-MEI	2021/22-2	Wet	12/14/2021 2:15:00 PM	12/28/2021 3:39:00 PM	Mercury	Dissolved	<	17	ng/L	EPA 245.1	17	50	WKL	
MO-MEI	2021/22-2	Wet	12/14/2021 2:15:00 PM	12/28/2021 3:41:00 PM	Mercury	Total	<	17	ng/L	EPA 245.1	17	50	WKL	
MO-MEI	2021/22-2	Wet	12/14/2021 2:15:00 PM	1/4/2022 6:21:00 PM	Nickel	Dissolved	DNQ	1.7	µg/L	EPA 200.8	0.16	2	WKL	
MO-MEI	2021/22-2	Wet	12/14/2021 2:15:00 PM	1/4/2022 6:24:00 PM	Nickel	Total	=	16	µg/L	EPA 200.8	0.16	2	WKL	
MO-MEI	2021/22-2	Wet	12/14/2021 2:15:00 PM	1/4/2022 6:21:00 PM	Selenium	Dissolved	DNQ	0.074	µg/L	EPA 200.8	0.067	0.4	WKL	
MO-MEI	2021/22-2	Wet	12/14/2021 2:15:00 PM	1/4/2022 6:24:00 PM	Selenium	Total	DNQ	0.11	µg/L	EPA 200.8	0.067	0.4	WKL	
MO-MEI	2021/22-2	Wet	12/14/2021 2:15:00 PM	1/4/2022 6:21:00 PM	Silver	Dissolved	<	0.03	µg/L	EPA 200.8	0.03	0.2	WKL	
MO-MEI	2021/22-2	Wet	12/14/2021 2:15:00 PM	1/4/2022 6:24:00 PM	Silver	Total	<	0.03	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	2021/22-2	Wet	12/14/2021 2:15:00 PM	1/4/2022 6:21:00 PM	Thallium	Dissolved	<	0.021	µg/L	EPA 200.8	0.021	0.2	WKL	
MO-MEI	2021/22-2	Wet	12/14/2021 2:15:00 PM	1/4/2022 6:24:00 PM	Thallium	Total	DNQ	0.054	µg/L	EPA 200.8	0.021	0.2	WKL	
MO-MEI	2021/22-2	Wet	12/14/2021 2:15:00 PM	1/4/2022 6:21:00 PM	Zinc	Dissolved	DNQ	7	µg/L	EPA 200.8	0.8	10	WKL	
MO-MEI	2021/22-2	Wet	12/14/2021 2:15:00 PM	1/4/2022 6:24:00 PM	Zinc	Total	=	56	µg/L	EPA 200.8	0.8	10	WKL	
MO-MEI	2021/22-2	Wet	12/14/2021 2:15:00 PM	12/29/2021 3:39:00 PM	Ammonia as N	n/a	=	0.29	mg/L	EPA 350.1	0.017	0.1	WKL	
MO-MEI	2021/22-2	Wet	12/14/2021 2:15:00 PM	1/10/2022 4:50:00 PM	Nitrate + Nitrite as N	n/a	=	1.2	mg/L	EPA 353.2	0.036	0.2	WKL	
MO-MEI	2021/22-2	Wet	12/14/2021 2:15:00 PM	12/28/2021 2:21:00 PM	Phosphorus as P	Dissolved	=	0.39	mg/L	EPA 200.7	0.018	0.05	WKL	
MO-MEI	2021/22-2	Wet	12/14/2021 2:15:00 PM	12/28/2021 2:24:00 PM	Phosphorus as P	Total	=	0.66	mg/L	EPA 200.7	0.018	0.05	WKL	
MO-MEI	2021/22-2	Wet	12/14/2021 2:15:00 PM	1/6/2022 5:49:00 PM	TKN	n/a	=	1.7	mg/L	EPA 351.2	0.26	0.4	WKL	
MO-MEI	2021/22-2	Wet	12/14/2021 2:15:00 PM	1/18/2022 11:17:00 PM	1,2,4-Trichlorobenzene	n/a	<	0.49	µg/L	EPA 625.1	0.49	1	WKL	
MO-MEI	2021/22-2	Wet	12/14/2021 2:15:00 PM	1/18/2022 11:17:00 PM	1,2-Dichlorobenzene	n/a	<	0.46	µg/L	EPA 625.1	0.46	1	WKL	
MO-MEI	2021/22-2	Wet	12/14/2021 2:15:00 PM	1/18/2022 11:17:00 PM	1,2-Diphenylhydrazine	n/a	<	0.3	µg/L	EPA 625.1	0.3	1	WKL	
MO-MEI	2021/22-2	Wet	12/14/2021 2:15:00 PM	1/18/2022 11:17:00 PM	1,3-Dichlorobenzene	n/a	<	0.42	µg/L	EPA 625.1	0.42	1	WKL	
MO-MEI	2021/22-2	Wet	12/14/2021 2:15:00 PM	1/18/2022 11:17:00 PM	1,4-Dichlorobenzene	n/a	<	0.48	µg/L	EPA 625.1	0.48	1	WKL	
MO-MEI	2021/22-2	Wet	12/14/2021 2:15:00 PM	1/15/2022 11:03:00 AM	1-Methylnaphthalene	n/a	<	0.024	µg/L	EPA 8270C	0.024	0.1	WKL	
MO-MEI	2021/22-2	Wet	12/14/2021 2:15:00 PM	1/14/2022 5:08:00 AM	2,4,5-Trichlorophenol	n/a	<	0.29	µg/L	EPA 8270C	0.29	1	WKL	
MO-MEI	2021/22-2	Wet	12/14/2021 2:15:00 PM	1/14/2022 5:08:00 AM	2,4,6-Trichlorophenol	n/a	<	0.3	µg/L	EPA 8270C	0.3	1	WKL	
MO-MEI	2021/22-2	Wet	12/14/2021 2:15:00 PM	1/18/2022 11:17:00 PM	2,4,6-Trichlorophenol	n/a	<	0.22	µg/L	EPA 625.1	0.22	1	WKL	
MO-MEI	2021/22-2	Wet	12/14/2021 2:15:00 PM	1/18/2022 11:17:00 PM	2,4-Dichlorophenol	n/a	<	0.26	µg/L	EPA 625.1	0.26	1	WKL	
MO-MEI	2021/22-2	Wet	12/14/2021 2:15:00 PM	1/14/2022 5:08:00 AM	2,4-Dichlorophenol	n/a	<	0.51	µg/L	EPA 8270C	0.51	1	WKL	
MO-MEI	2021/22-2	Wet	12/14/2021 2:15:00 PM	1/14/2022 5:08:00 AM	2,4-Dimethylphenol	n/a	<	1	µg/L	EPA 8270C	1	2	WKL	EST-LCSRPD
MO-MEI	2021/22-2	Wet	12/14/2021 2:15:00 PM	1/18/2022 11:17:00 PM	2,4-Dimethylphenol	n/a	<	0.76	µg/L	EPA 625.1	0.76	1	WKL	LCSRPD, LB-L
MO-MEI	2021/22-2	Wet	12/14/2021 2:15:00 PM	1/18/2022 11:17:00 PM	2,4-Dinitrophenol	n/a	<	1.9	µg/L	EPA 625.1	1.9	10	WKL	
MO-MEI	2021/22-2	Wet	12/14/2021 2:15:00 PM	1/14/2022 5:08:00 AM	2,4-Dinitrophenol	n/a	<	1	µg/L	EPA 8270C	1	2	WKL	
MO-MEI	2021/22-2	Wet	12/14/2021 2:15:00 PM	1/18/2022 11:17:00 PM	2,4-Dinitrotoluene	n/a	<	0.46	µg/L	EPA 625.1	0.46	1	WKL	
MO-MEI	2021/22-2	Wet	12/14/2021 2:15:00 PM	1/18/2022 11:17:00 PM	2,6-Dinitrotoluene	n/a	<	0.27	µg/L	EPA 625.1	0.27	1	WKL	
MO-MEI	2021/22-2	Wet	12/14/2021 2:15:00 PM	1/18/2022 11:17:00 PM	2-Chloronaphthalene	n/a	<	0.45	µg/L	EPA 625.1	0.45	1	WKL	
MO-MEI	2021/22-2	Wet	12/14/2021 2:15:00 PM	1/18/2022 11:17:00 PM	2-Chlorophenol	n/a	<	0.28	µg/L	EPA 625.1	0.28	1	WKL	
MO-MEI	2021/22-2	Wet	12/14/2021 2:15:00 PM	1/14/2022 5:08:00 AM	2-Chlorophenol	n/a	<	0.65	µg/L	EPA 8270C	0.65	1	WKL	
MO-MEI	2021/22-2	Wet	12/14/2021 2:15:00 PM	1/15/2022 11:03:00 AM	2-Methylnaphthalene	n/a	<	0.026	µg/L	EPA 8270C	0.026	0.1	WKL	
MO-MEI	2021/22-2	Wet	12/14/2021 2:15:00 PM	1/14/2022 5:08:00 AM	2-Methylphenol	n/a	<	0.34	µg/L	EPA 8270C	0.34	1	WKL	
MO-MEI	2021/22-2	Wet	12/14/2021 2:15:00 PM	1/14/2022 5:08:00 AM	2-Nitrophenol	n/a	<	0.71	µg/L	EPA 8270C	0.71	1	WKL	
MO-MEI	2021/22-2	Wet	12/14/2021 2:15:00 PM	1/18/2022 11:17:00 PM	2-Nitrophenol	n/a	<	0.26	µg/L	EPA 625.1	0.26	1	WKL	
MO-MEI	2021/22-2	Wet	12/14/2021 2:15:00 PM	1/18/2022 11:17:00 PM	3,3'-Dichlorobenzidine	n/a	<	2.5	µg/L	EPA 625.1	2.5	5	WKL	
MO-MEI	2021/22-2	Wet	12/14/2021 2:15:00 PM	1/14/2022 5:08:00 AM	3-/4-Methylphenol	n/a	<	0.3	µg/L	EPA 8270C	0.3	1	WKL	
MO-MEI	2021/22-2	Wet	12/14/2021 2:15:00 PM	1/14/2022 5:08:00 AM	4,6-Dinitro-2-methylphenol	n/a	<	0.14	µg/L	EPA 8270C	0.14	1	WKL	
MO-MEI	2021/22-2	Wet	12/14/2021 2:15:00 PM	1/18/2022 11:17:00 PM	4,6-Dinitro-2-methylphenol	n/a	<	0.5	µg/L	EPA 625.1	0.5	5	WKL	
MO-MEI	2021/22-2	Wet	12/14/2021 2:15:00 PM	1/18/2022 11:17:00 PM	4-Bromophenyl phenyl ether	n/a	<	0.36	µg/L	EPA 625.1	0.36	1	WKL	
MO-MEI	2021/22-2	Wet	12/14/2021 2:15:00 PM	1/18/2022 11:17:00 PM	4-Chloro-3-methylphenol	n/a	<	0.23	µg/L	EPA 625.1	0.23	1	WKL	
MO-MEI	2021/22-2	Wet	12/14/2021 2:15:00 PM	1/14/2022 5:08:00 AM	4-Chloro-3-methylphenol	n/a	<	0.37	µg/L	EPA 8270C	0.37	1	WKL	
MO-MEI	2021/22-2	Wet	12/14/2021 2:15:00 PM	1/18/2022 11:17:00 PM	4-Chlorophenyl phenyl ether	n/a	<	0.41	µg/L	EPA 625.1	0.41	1	WKL	
MO-MEI	2021/22-2	Wet	12/14/2021 2:15:00 PM	1/14/2022 5:08:00 AM	4-Nitrophenol	n/a	<	1	µg/L	EPA 8270C	1	2	WKL	
MO-MEI	2021/22-2	Wet	12/14/2021 2:15:00 PM	1/18/2022 11:17:00 PM	4-Nitrophenol	n/a	<	1.2	µg/L	EPA 625.1	1.2	5	WKL	
MO-MEI	2021/22-2	Wet	12/14/2021 2:15:00 PM	1/18/2022 11:17:00 PM	Acenaphthene	n/a	<	0.38	µg/L	EPA 625.1	0.38	1	WKL	
MO-MEI	2021/22-2	Wet	12/14/2021 2:15:00 PM	1/15/2022 11:03:00 AM	Acenaphthene	n/a	<	0.028	µg/L	EPA 8270C	0.028	0.1	WKL	
MO-MEI	2021/22-2	Wet	12/14/2021 2:15:00 PM	1/18/2022 11:17:00 PM	Acenaphthylene	n/a	<	0.35	µg/L	EPA 625.1	0.35	1	WKL	
MO-MEI	2021/22-2	Wet	12/14/2021 2:15:00 PM	1/15/2022 11:03:00 AM	Acenaphthylene	n/a	<	0.033	µg/L	EPA 8270C	0.033	0.1	WKL	
MO-MEI	2021/22-2	Wet	12/14/2021 2:15:00 PM	1/15/2022 11:03:00 AM	Anthracene	n/a	<	0.025	µg/L	EPA 8270C	0.025	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	2021/22-2	Wet	12/14/2021 2:15:00 PM	1/18/2022 11:17:00 PM	Anthracene	n/a	<	0.41	µg/L	EPA 625.1	0.41	1	WKL	
MO-MEI	2021/22-2	Wet	12/14/2021 2:15:00 PM	1/15/2022 11:03:00 AM	Benz(a)anthracene	n/a	<	0.051	µg/L	EPA 8270C	0.051	0.1	WKL	
MO-MEI	2021/22-2	Wet	12/14/2021 2:15:00 PM	1/18/2022 11:17:00 PM	Benz(a)anthracene	n/a	<	0.19	µg/L	EPA 625.1	0.19	1	WKL	
MO-MEI	2021/22-2	Wet	12/14/2021 2:15:00 PM	1/18/2022 11:17:00 PM	Benzo(a)pyrene	n/a	<	0.2	µg/L	EPA 525.2	0.2	1	WKL	
MO-MEI	2021/22-2	Wet	12/14/2021 2:15:00 PM	1/18/2022 11:17:00 PM	Benzo(a)pyrene	n/a	<	0.39	µg/L	EPA 625.1	0.39	1	WKL	
MO-MEI	2021/22-2	Wet	12/14/2021 2:15:00 PM	1/15/2022 11:03:00 AM	Benzo(a)pyrene	n/a	<	0.051	µg/L	EPA 8270C	0.051	0.1	WKL	
MO-MEI	2021/22-2	Wet	12/14/2021 2:15:00 PM	1/15/2022 11:03:00 AM	Benzo(b)fluoranthene	n/a	<	0.074	µg/L	EPA 8270C	0.074	0.1	WKL	
MO-MEI	2021/22-2	Wet	12/14/2021 2:15:00 PM	1/18/2022 11:17:00 PM	Benzo(b)fluoranthene	n/a	<	0.46	µg/L	EPA 625.1	0.46	1	WKL	
MO-MEI	2021/22-2	Wet	12/14/2021 2:15:00 PM	1/15/2022 11:03:00 AM	Benzo(g,h,i)perylene	n/a	<	0.05	µg/L	EPA 8270C	0.05	0.1	WKL	
MO-MEI	2021/22-2	Wet	12/14/2021 2:15:00 PM	1/18/2022 11:17:00 PM	Benzo(g,h,i)perylene	n/a	<	0.42	µg/L	EPA 625.1	0.42	2	WKL	
MO-MEI	2021/22-2	Wet	12/14/2021 2:15:00 PM	1/18/2022 11:17:00 PM	Benzo(k)fluoranthene	n/a	<	0.22	µg/L	EPA 625.1	0.22	1	WKL	
MO-MEI	2021/22-2	Wet	12/14/2021 2:15:00 PM	1/15/2022 11:03:00 AM	Benzo(k)fluoranthene	n/a	<	0.026	µg/L	EPA 8270C	0.026	0.1	WKL	
MO-MEI	2021/22-2	Wet	12/14/2021 2:15:00 PM	1/18/2022 11:17:00 PM	Bis(2-chloroethoxy)methane	n/a	<	0.25	µg/L	EPA 625.1	0.25	1	WKL	
MO-MEI	2021/22-2	Wet	12/14/2021 2:15:00 PM	1/18/2022 11:17:00 PM	Bis(2-chloroethyl)ether	n/a	<	0.27	µg/L	EPA 625.1	0.27	1	WKL	
MO-MEI	2021/22-2	Wet	12/14/2021 2:15:00 PM	1/18/2022 11:17:00 PM	Bis(2-chloroisopropyl)ether	n/a	<	0.38	µg/L	EPA 625.1	0.38	1	WKL	
MO-MEI	2021/22-2	Wet	12/14/2021 2:15:00 PM	12/23/2021 8:07:00 PM	Bis(2-ethylhexyl)adipate	n/a	<	4.2	µg/L	EPA 525.2	4.2	50	WKL	
MO-MEI	2021/22-2	Wet	12/14/2021 2:15:00 PM	12/23/2021 8:07:00 PM	Bis(2-ethylhexyl)phthalate	n/a	<	4.1	µg/L	EPA 525.2	4.1	30	WKL	
MO-MEI	2021/22-2	Wet	12/14/2021 2:15:00 PM	1/18/2022 11:17:00 PM	Bis(2-ethylhexyl)phthalate	n/a	<	2.3	µg/L	EPA 625.1	2.3	5	WKL	
MO-MEI	2021/22-2	Wet	12/14/2021 2:15:00 PM	1/18/2022 11:17:00 PM	Butyl benzyl phthalate	n/a	DNQ	0.58	µg/L	EPA 625.1	0.49	1	WKL	
MO-MEI	2021/22-2	Wet	12/14/2021 2:15:00 PM	1/15/2022 11:03:00 AM	Chrysene	n/a	<	0.074	µg/L	EPA 8270C	0.074	0.1	WKL	
MO-MEI	2021/22-2	Wet	12/14/2021 2:15:00 PM	1/18/2022 11:17:00 PM	Chrysene	n/a	<	0.19	µg/L	EPA 625.1	0.19	1	WKL	
MO-MEI	2021/22-2	Wet	12/14/2021 2:15:00 PM	1/18/2022 11:17:00 PM	Dibenz(a,h)anthracene	n/a	<	0.15	µg/L	EPA 625.1	0.15	2	WKL	
MO-MEI	2021/22-2	Wet	12/14/2021 2:15:00 PM	1/15/2022 11:03:00 AM	Dibenz(a,h)anthracene	n/a	<	0.036	µg/L	EPA 8270C	0.036	0.1	WKL	
MO-MEI	2021/22-2	Wet	12/14/2021 2:15:00 PM	1/18/2022 11:17:00 PM	Diethyl phthalate	n/a	<	0.35	µg/L	EPA 625.1	0.35	1	WKL	
MO-MEI	2021/22-2	Wet	12/14/2021 2:15:00 PM	1/18/2022 11:17:00 PM	Dimethyl phthalate	n/a	<	0.18	µg/L	EPA 625.1	0.18	1	WKL	
MO-MEI	2021/22-2	Wet	12/14/2021 2:15:00 PM	1/18/2022 11:17:00 PM	Di-n-butylphthalate	n/a	DNQ	0.41	µg/L	EPA 625.1	0.34	1	WKL	
MO-MEI	2021/22-2	Wet	12/14/2021 2:15:00 PM	1/18/2022 11:17:00 PM	Di-n-octylphthalate	n/a	<	0.46	µg/L	EPA 625.1	0.46	1	WKL	
MO-MEI	2021/22-2	Wet	12/14/2021 2:15:00 PM	1/18/2022 11:17:00 PM	Fluoranthene	n/a	<	0.35	µg/L	EPA 625.1	0.35	1	WKL	
MO-MEI	2021/22-2	Wet	12/14/2021 2:15:00 PM	1/15/2022 11:03:00 AM	Fluoranthene	n/a	DNQ	0.06	µg/L	EPA 8270C	0.039	0.1	WKL	
MO-MEI	2021/22-2	Wet	12/14/2021 2:15:00 PM	1/18/2022 11:17:00 PM	Fluorene	n/a	<	0.35	µg/L	EPA 625.1	0.35	1	WKL	
MO-MEI	2021/22-2	Wet	12/14/2021 2:15:00 PM	1/15/2022 11:03:00 AM	Fluorene	n/a	<	0.029	µg/L	EPA 8270C	0.029	0.1	WKL	
MO-MEI	2021/22-2	Wet	12/14/2021 2:15:00 PM	1/18/2022 11:17:00 PM	Hexachlorobenzene	n/a	<	0.49	µg/L	EPA 625.1	0.49	1	WKL	
MO-MEI	2021/22-2	Wet	12/14/2021 2:15:00 PM	1/18/2022 11:17:00 PM	Hexachlorobutadiene	n/a	<	0.47	µg/L	EPA 625.1	0.47	1	WKL	
MO-MEI	2021/22-2	Wet	12/14/2021 2:15:00 PM	12/23/2021 8:07:00 PM	Hexachlorocyclopentadiene	n/a	<	0.92	µg/L	EPA 525.2	0.92	10	WKL	
MO-MEI	2021/22-2	Wet	12/14/2021 2:15:00 PM	1/18/2022 11:17:00 PM	Hexachlorocyclopentadiene	n/a	<	0.31	µg/L	EPA 625.1	0.31	5	WKL	
MO-MEI	2021/22-2	Wet	12/14/2021 2:15:00 PM	1/18/2022 11:17:00 PM	Hexachloroethane	n/a	<	0.5	µg/L	EPA 625.1	0.5	1	WKL	
MO-MEI	2021/22-2	Wet	12/14/2021 2:15:00 PM	1/18/2022 11:17:00 PM	Indeno(1,2,3-cd)pyrene	n/a	<	0.25	µg/L	EPA 625.1	0.25	2	WKL	
MO-MEI	2021/22-2	Wet	12/14/2021 2:15:00 PM	1/15/2022 11:03:00 AM	Indeno(1,2,3-cd)pyrene	n/a	<	0.065	µg/L	EPA 8270C	0.065	0.1	WKL	
MO-MEI	2021/22-2	Wet	12/14/2021 2:15:00 PM	1/18/2022 11:17:00 PM	Isophorone	n/a	<	0.21	µg/L	EPA 625.1	0.21	1	WKL	
MO-MEI	2021/22-2	Wet	12/14/2021 2:15:00 PM	1/18/2022 11:17:00 PM	Naphthalene	n/a	<	0.49	µg/L	EPA 625.1	0.49	1	WKL	
MO-MEI	2021/22-2	Wet	12/14/2021 2:15:00 PM	1/15/2022 11:03:00 AM	Naphthalene	n/a	<	0.026	µg/L	EPA 8270C	0.026	0.1	WKL	
MO-MEI	2021/22-2	Wet	12/14/2021 2:15:00 PM	1/18/2022 11:17:00 PM	Nitrobenzene	n/a	<	0.36	µg/L	EPA 625.1	0.36	1	WKL	
MO-MEI	2021/22-2	Wet	12/14/2021 2:15:00 PM	1/18/2022 11:17:00 PM	N-Nitrosodimethylamine	n/a	<	0.5	µg/L	EPA 625.1	0.5	1	WKL	
MO-MEI	2021/22-2	Wet	12/14/2021 2:15:00 PM	1/18/2022 11:17:00 PM	N-Nitrosodi-N-propylamine	n/a	<	0.26	µg/L	EPA 625.1	0.26	1	WKL	
MO-MEI	2021/22-2	Wet	12/14/2021 2:15:00 PM	1/18/2022 11:17:00 PM	N-Nitrosodiphenylamine	n/a	<	0.19	µg/L	EPA 625.1	0.19	1	WKL	
MO-MEI	2021/22-2	Wet	12/14/2021 2:15:00 PM	1/18/2022 11:17:00 PM	Phenanthrene	n/a	<	0.32	µg/L	EPA 625.1	0.32	1	WKL	
MO-MEI	2021/22-2	Wet	12/14/2021 2:15:00 PM	1/15/2022 11:03:00 AM	Phenanthrene	n/a	<	0.029	µg/L	EPA 8270C	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-MEI	2021/22-2	Wet	12/14/2021 2:15:00 PM	1/14/2022 5:08:00 AM	Phenol	n/a	<	0.35	µg/L	EPA 8270C	0.35	1	WKL	
MO-MEI	2021/22-2	Wet	12/14/2021 2:15:00 PM	1/18/2022 11:17:00 PM	Phenol	n/a	<	0.81	µg/L	EPA 625.1	0.81	1	WKL	
MO-MEI	2021/22-2	Wet	12/14/2021 2:15:00 PM	1/18/2022 11:17:00 PM	Pyrene	n/a	<	0.25	µg/L	EPA 625.1	0.25	1	WKL	
MO-MEI	2021/22-2	Wet	12/14/2021 2:15:00 PM	1/15/2022 11:03:00 AM	Pyrene	n/a	DNQ	0.056	µg/L	EPA 8270C	0.04	0.1	WKL	
MO-MEI	2021/22-2	Wet	12/14/2021 2:15:00 PM	1/13/2022 10:33:00 AM	PCB Aroclor 1016	n/a	<	1	µg/L	EPA 608.3	1	1	WKL	
MO-MEI	2021/22-2	Wet	12/14/2021 2:15:00 PM	1/13/2022 10:33:00 AM	PCB Aroclor 1221	n/a	<	1	µg/L	EPA 608.3	1	1	WKL	
MO-MEI	2021/22-2	Wet	12/14/2021 2:15:00 PM	1/13/2022 10:33:00 AM	PCB Aroclor 1232	n/a	<	1	µg/L	EPA 608.3	1	1	WKL	
MO-MEI	2021/22-2	Wet	12/14/2021 2:15:00 PM	1/13/2022 10:33:00 AM	PCB Aroclor 1242	n/a	<	1	µg/L	EPA 608.3	1	1	WKL	
MO-MEI	2021/22-2	Wet	12/14/2021 2:15:00 PM	1/13/2022 10:33:00 AM	PCB Aroclor 1248	n/a	<	1	µg/L	EPA 608.3	1	1	WKL	
MO-MEI	2021/22-2	Wet	12/14/2021 2:15:00 PM	1/13/2022 10:33:00 AM	PCB Aroclor 1254	n/a	<	1	µg/L	EPA 608.3	1	1	WKL	
MO-MEI	2021/22-2	Wet	12/14/2021 2:15:00 PM	1/13/2022 10:33:00 AM	PCB Aroclor 1260	n/a	<	1	µg/L	EPA 608.3	1	1	WKL	
MO-MEI	2021/22-2	Wet	12/14/2021 2:15:00 PM	1/6/2022 8:43:00 PM	2,4,5-T	n/a	<	0.03	µg/L	EPA 515.4	0.03	0.2	WKL	
MO-MEI	2021/22-2	Wet	12/14/2021 2:15:00 PM	1/6/2022 8:43:00 PM	2,4,5-TP	n/a	<	0.026	µg/L	EPA 515.4	0.026	0.2	WKL	
MO-MEI	2021/22-2	Wet	12/14/2021 2:15:00 PM	1/6/2022 8:43:00 PM	2,4-D	n/a	<	0.4	µg/L	EPA 515.4	0.4	0.4	WKL	
MO-MEI	2021/22-2	Wet	12/14/2021 2:15:00 PM	1/6/2022 8:43:00 PM	2,4-DB	n/a	<	2	µg/L	EPA 515.4	2	2	WKL	
MO-MEI	2021/22-2	Wet	12/14/2021 2:15:00 PM	1/6/2022 8:43:00 PM	3,5-Dichlorobenzoic acid	n/a	<	0.12	µg/L	EPA 515.4	0.12	1	WKL	
MO-MEI	2021/22-2	Wet	12/14/2021 2:15:00 PM	1/13/2022 10:33:00 AM	4,4'-DDD	n/a	<	0.0014	µg/L	EPA 608.3	0.0014	0.1	WKL	
MO-MEI	2021/22-2	Wet	12/14/2021 2:15:00 PM	1/13/2022 10:33:00 AM	4,4'-DDE	n/a	<	0.0014	µg/L	EPA 608.3	0.0014	0.1	WKL	
MO-MEI	2021/22-2	Wet	12/14/2021 2:15:00 PM	1/13/2022 10:33:00 AM	4,4'-DDT	n/a	<	0.0022	µg/L	EPA 608.3	0.0022	0.02	WKL	
MO-MEI	2021/22-2	Wet	12/14/2021 2:15:00 PM	1/6/2022 8:43:00 PM	Acifluorfen	n/a	<	0.03	µg/L	EPA 515.4	0.03	0.4	WKL	
MO-MEI	2021/22-2	Wet	12/14/2021 2:15:00 PM	12/23/2021 8:07:00 PM	Alachlor	n/a	<	0.3	µg/L	EPA 525.2	0.3	1	WKL	
MO-MEI	2021/22-2	Wet	12/14/2021 2:15:00 PM	1/13/2022 10:33:00 AM	Aldrin	n/a	<	0.002	µg/L	EPA 608.3	0.002	0.01	WKL	
MO-MEI	2021/22-2	Wet	12/14/2021 2:15:00 PM	1/13/2022 10:33:00 AM	alpha-BHC	n/a	<	0.0022	µg/L	EPA 608.3	0.0022	0.02	WKL	
MO-MEI	2021/22-2	Wet	12/14/2021 2:15:00 PM	1/13/2022 10:33:00 AM	alpha-Chlordane	n/a	<	0.0058	µg/L	EPA 608.3	0.0058	0.02	WKL	
MO-MEI	2021/22-2	Wet	12/14/2021 2:15:00 PM	12/23/2021 8:07:00 PM	Atrazine	n/a	<	0.11	µg/L	EPA 525.2	0.11	1	WKL	
MO-MEI	2021/22-2	Wet	12/14/2021 2:15:00 PM	12/28/2021 7:35:00 AM	Azinphos methyl	n/a	<	0.028	µg/L	EPA 625.1m	0.028	0.05	WKL	
MO-MEI	2021/22-2	Wet	12/14/2021 2:15:00 PM	1/6/2022 8:43:00 PM	Bentazon	n/a	<	0.23	µg/L	EPA 515.4	0.23	2	WKL	
MO-MEI	2021/22-2	Wet	12/14/2021 2:15:00 PM	1/13/2022 10:33:00 AM	beta-BHC	n/a	<	0.003	µg/L	EPA 608.3	0.003	0.01	WKL	
MO-MEI	2021/22-2	Wet	12/14/2021 2:15:00 PM	12/28/2021 7:35:00 AM	Bolstar	n/a	<	0.023	µg/L	EPA 625.1m	0.023	0.05	WKL	
MO-MEI	2021/22-2	Wet	12/14/2021 2:15:00 PM	12/23/2021 8:07:00 PM	Bromacil	n/a	<	0.7	µg/L	EPA 525.2	0.7	5	WKL	
MO-MEI	2021/22-2	Wet	12/14/2021 2:15:00 PM	12/23/2021 8:07:00 PM	Butachlor	n/a	<	0.12	µg/L	EPA 525.2	0.12	1	WKL	
MO-MEI	2021/22-2	Wet	12/14/2021 2:15:00 PM	12/23/2021 8:07:00 PM	Captan	n/a	<	3.2	µg/L	EPA 525.2	3.2	10	WKL	
MO-MEI	2021/22-2	Wet	12/14/2021 2:15:00 PM	1/13/2022 10:33:00 AM	Chlordane (technical)	n/a	<	0.2	µg/L	EPA 608.3	0.2	0.2	WKL	
MO-MEI	2021/22-2	Wet	12/14/2021 2:15:00 PM	12/23/2021 8:07:00 PM	Chlorpropham	n/a	<	0.4	µg/L	EPA 525.2	0.4	1	WKL	
MO-MEI	2021/22-2	Wet	12/14/2021 2:15:00 PM	12/28/2021 7:35:00 AM	Chlorpyrifos	n/a	<	0.034	µg/L	EPA 625.1m	0.034	0.05	WKL	
MO-MEI	2021/22-2	Wet	12/14/2021 2:15:00 PM	12/28/2021 7:35:00 AM	Coumaphos	n/a	<	0.026	µg/L	EPA 625.1m	0.026	0.05	WKL	
MO-MEI	2021/22-2	Wet	12/14/2021 2:15:00 PM	1/6/2022 8:43:00 PM	Dalapon	n/a	<	0.11	µg/L	EPA 515.4	0.11	0.4	WKL	
MO-MEI	2021/22-2	Wet	12/14/2021 2:15:00 PM	1/6/2022 8:43:00 PM	DCPA (Dacthal)	n/a	<	0.029	µg/L	EPA 515.4	0.029	0.1	WKL	
MO-MEI	2021/22-2	Wet	12/14/2021 2:15:00 PM	1/13/2022 10:33:00 AM	delta-BHC	n/a	<	0.0038	µg/L	EPA 608.3	0.0038	0.01	WKL	EST-LCSRPD
MO-MEI	2021/22-2	Wet	12/14/2021 2:15:00 PM	12/28/2021 7:35:00 AM	Demeton-O	n/a	<	0.05	µg/L	EPA 625.1m	0.05	0.05	WKL	
MO-MEI	2021/22-2	Wet	12/14/2021 2:15:00 PM	12/28/2021 7:35:00 AM	Demeton-S	n/a	<	0.05	µg/L	EPA 625.1m	0.05	0.05	WKL	LB-LCSR
MO-MEI	2021/22-2	Wet	12/14/2021 2:15:00 PM	12/28/2021 7:35:00 AM	Diazinon	n/a	<	0.026	µg/L	EPA 625.1m	0.026	0.05	WKL	
MO-MEI	2021/22-2	Wet	12/14/2021 2:15:00 PM	12/23/2021 8:07:00 PM	Diazinon	n/a	<	0.22	µg/L	EPA 525.2	0.22	1	WKL	
MO-MEI	2021/22-2	Wet	12/14/2021 2:15:00 PM	1/6/2022 8:43:00 PM	Dicamba	n/a	<	0.049	µg/L	EPA 515.4	0.049	0.6	WKL	
MO-MEI	2021/22-2	Wet	12/14/2021 2:15:00 PM	1/6/2022 8:43:00 PM	Dichlorprop	n/a	<	0.12	µg/L	EPA 515.4	0.12	0.3	WKL	
MO-MEI	2021/22-2	Wet	12/14/2021 2:15:00 PM	12/28/2021 7:35:00 AM	Dichlorvos	n/a	<	0.014	µg/L	EPA 625.1m	0.014	0.05	WKL	
MO-MEI	2021/22-2	Wet	12/14/2021 2:15:00 PM	1/13/2022 10:33:00 AM	Dieldrin	n/a	<	0.0016	µg/L	EPA 608.3	0.0016	0.02	WKL	
MO-MEI	2021/22-2	Wet	12/14/2021 2:15:00 PM	12/23/2021 8:07:00 PM	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	2021/22-2	Wet	12/14/2021 2:15:00 PM	12/28/2021 7:35:00 AM	Dimethoate	n/a	<	0.031	µg/L	EPA 625.1m	0.031	0.05	WKL	LB-LCSR
MO-MEI	2021/22-2	Wet	12/14/2021 2:15:00 PM	1/6/2022 8:43:00 PM	Dinoseb	n/a	<	0.033	µg/L	EPA 515.4	0.033	0.4	WKL	
MO-MEI	2021/22-2	Wet	12/14/2021 2:15:00 PM	12/23/2021 8:07:00 PM	Diphenamid	n/a	<	0.3	µg/L	EPA 525.2	0.3	1	WKL	
MO-MEI	2021/22-2	Wet	12/14/2021 2:15:00 PM	12/28/2021 7:35:00 AM	Disulfoton	n/a	<	0.05	µg/L	EPA 625.1m	0.05	0.05	WKL	
MO-MEI	2021/22-2	Wet	12/14/2021 2:15:00 PM	12/23/2021 8:07:00 PM	Disulfoton	n/a	<	0.15	µg/L	EPA 525.2	0.15	1	WKL	
MO-MEI	2021/22-2	Wet	12/14/2021 2:15:00 PM	1/13/2022 10:33:00 AM	Endosulfan I	n/a	<	0.0018	µg/L	EPA 608.3	0.0018	0.04	WKL	
MO-MEI	2021/22-2	Wet	12/14/2021 2:15:00 PM	1/13/2022 10:33:00 AM	Endosulfan II	n/a	<	0.0014	µg/L	EPA 608.3	0.0014	0.02	WKL	
MO-MEI	2021/22-2	Wet	12/14/2021 2:15:00 PM	1/13/2022 10:33:00 AM	Endosulfan sulfate	n/a	<	0.0026	µg/L	EPA 608.3	0.0026	0.1	WKL	
MO-MEI	2021/22-2	Wet	12/14/2021 2:15:00 PM	1/13/2022 10:33:00 AM	Endrin	n/a	<	0.0034	µg/L	EPA 608.3	0.0034	0.02	WKL	
MO-MEI	2021/22-2	Wet	12/14/2021 2:15:00 PM	1/13/2022 10:33:00 AM	Endrin aldehyde	n/a	<	0.0038	µg/L	EPA 608.3	0.0038	0.02	WKL	
MO-MEI	2021/22-2	Wet	12/14/2021 2:15:00 PM	12/23/2021 8:07:00 PM	EPTC	n/a	<	0.2	µg/L	EPA 525.2	0.2	1	WKL	
MO-MEI	2021/22-2	Wet	12/14/2021 2:15:00 PM	12/28/2021 7:35:00 AM	Ethoprop	n/a	<	0.034	µg/L	EPA 625.1m	0.034	0.05	WKL	LB-LCSR
MO-MEI	2021/22-2	Wet	12/14/2021 2:15:00 PM	12/28/2021 7:35:00 AM	Ethyl parathion	n/a	<	0.027	µg/L	EPA 625.1m	0.027	0.05	WKL	
MO-MEI	2021/22-2	Wet	12/14/2021 2:15:00 PM	12/28/2021 7:35:00 AM	Fensulfothion	n/a	<	0.014	µg/L	EPA 625.1m	0.014	0.05	WKL	
MO-MEI	2021/22-2	Wet	12/14/2021 2:15:00 PM	12/28/2021 7:35:00 AM	Fenthion	n/a	<	0.019	µg/L	EPA 625.1m	0.019	0.05	WKL	
MO-MEI	2021/22-2	Wet	12/14/2021 2:15:00 PM	1/13/2022 10:33:00 AM	gamma-BHC (Lindane)	n/a	<	0.0008	µg/L	EPA 608.3	0.0008	0.04	WKL	
MO-MEI	2021/22-2	Wet	12/14/2021 2:15:00 PM	1/13/2022 10:33:00 AM	gamma-Chlordane	n/a	<	0.0046	µg/L	EPA 608.3	0.0046	0.02	WKL	
MO-MEI	2021/22-2	Wet	12/14/2021 2:15:00 PM	12/17/2021 4:10:00 AM	Glyphosate	n/a	=	5.7	µg/L	EPA 547	1.8	5	WKL	
MO-MEI	2021/22-2	Wet	12/14/2021 2:15:00 PM	1/13/2022 10:33:00 AM	Heptachlor	n/a	<	0.0012	µg/L	EPA 608.3	0.0012	0.02	WKL	
MO-MEI	2021/22-2	Wet	12/14/2021 2:15:00 PM	1/13/2022 10:33:00 AM	Heptachlor epoxide	n/a	<	0.0008	µg/L	EPA 608.3	0.0008	0.02	WKL	
MO-MEI	2021/22-2	Wet	12/14/2021 2:15:00 PM	12/28/2021 7:35:00 AM	Malathion	n/a	<	0.038	µg/L	EPA 625.1m	0.038	0.05	WKL	
MO-MEI	2021/22-2	Wet	12/14/2021 2:15:00 PM	12/28/2021 7:35:00 AM	Merphos	n/a	<	0.029	µg/L	EPA 625.1m	0.029	0.05	WKL	
MO-MEI	2021/22-2	Wet	12/14/2021 2:15:00 PM	12/28/2021 7:35:00 AM	Methyl parathion	n/a	<	0.032	µg/L	EPA 625.1m	0.032	0.05	WKL	
MO-MEI	2021/22-2	Wet	12/14/2021 2:15:00 PM	12/23/2021 8:07:00 PM	Metolachlor	n/a	<	0.3	µg/L	EPA 525.2	0.3	1	WKL	
MO-MEI	2021/22-2	Wet	12/14/2021 2:15:00 PM	12/23/2021 8:07:00 PM	Metribuzin	n/a	<	0.3	µg/L	EPA 525.2	0.3	1	WKL	
MO-MEI	2021/22-2	Wet	12/14/2021 2:15:00 PM	12/28/2021 7:35:00 AM	Mevinphos	n/a	<	0.021	µg/L	EPA 625.1m	0.021	0.05	WKL	LB-LCSR
MO-MEI	2021/22-2	Wet	12/14/2021 2:15:00 PM	12/23/2021 8:07:00 PM	Molinate	n/a	<	0.3	µg/L	EPA 525.2	0.3	1	WKL	
MO-MEI	2021/22-2	Wet	12/14/2021 2:15:00 PM	12/28/2021 7:35:00 AM	Naled	n/a	<	0.038	µg/L	EPA 625.1m	0.038	0.05	WKL	
MO-MEI	2021/22-2	Wet	12/14/2021 2:15:00 PM	1/18/2022 11:17:00 PM	Pentachlorophenol	n/a	=	1.8	µg/L	EPA 625.1	0.4	1	WKL	HB-LCSR
MO-MEI	2021/22-2	Wet	12/14/2021 2:15:00 PM	1/14/2022 5:08:00 AM	Pentachlorophenol	n/a	=	1	µg/L	EPA 8270C	0.15	1	WKL	
MO-MEI	2021/22-2	Wet	12/14/2021 2:15:00 PM	1/6/2022 8:43:00 PM	Pentachlorophenol	n/a	=	0.44	µg/L	EPA 515.4	0.046	0.2	WKL	
MO-MEI	2021/22-2	Wet	12/14/2021 2:15:00 PM	12/28/2021 7:35:00 AM	Phorate	n/a	<	0.015	µg/L	EPA 625.1m	0.015	0.05	WKL	
MO-MEI	2021/22-2	Wet	12/14/2021 2:15:00 PM	1/6/2022 8:43:00 PM	Picloram	n/a	<	0.05	µg/L	EPA 515.4	0.05	0.6	WKL	
MO-MEI	2021/22-2	Wet	12/14/2021 2:15:00 PM	12/23/2021 8:07:00 PM	Prometryn	n/a	<	0.3	µg/L	EPA 525.2	0.3	1	WKL	
MO-MEI	2021/22-2	Wet	12/14/2021 2:15:00 PM	12/28/2021 7:35:00 AM	Ronnel (Fenchlorphos)	n/a	<	0.02	µg/L	EPA 625.1m	0.02	0.05	WKL	
MO-MEI	2021/22-2	Wet	12/14/2021 2:15:00 PM	12/23/2021 8:07:00 PM	Simazine	n/a	<	0.2	µg/L	EPA 525.2	0.2	1	WKL	
MO-MEI	2021/22-2	Wet	12/14/2021 2:15:00 PM	12/28/2021 7:35:00 AM	Stirophos (Tetrachlorvinphos)	n/a	<	0.016	µg/L	EPA 625.1m	0.016	0.05	WKL	
MO-MEI	2021/22-2	Wet	12/14/2021 2:15:00 PM	12/23/2021 8:07:00 PM	Terbacil	n/a	<	0.9	µg/L	EPA 525.2	0.9	20	WKL	
MO-MEI	2021/22-2	Wet	12/14/2021 2:15:00 PM	12/23/2021 8:07:00 PM	Thiobencarb	n/a	<	0.3	µg/L	EPA 525.2	0.3	1	WKL	
MO-MEI	2021/22-2	Wet	12/14/2021 2:15:00 PM	12/28/2021 7:35:00 AM	Tokuthion	n/a	<	0.039	µg/L	EPA 625.1m	0.039	0.05	WKL	
MO-MEI	2021/22-2	Wet	12/14/2021 2:15:00 PM	1/13/2022 10:33:00 AM	Toxaphene	n/a	<	2	µg/L	EPA 608.3	2	2	WKL	
MO-MEI	2021/22-2	Wet	12/14/2021 2:15:00 PM	12/28/2021 7:35:00 AM	Trichloronate	n/a	<	0.034	µg/L	EPA 625.1m	0.034	0.05	WKL	
MO-MEI	2021/22-2	Wet	12/14/2021 2:15:00 PM	12/23/2021 8:07:00 PM	Trithion	n/a	<	0.2	µg/L	EPA 525.2	0.2	1	WKL	
MO-MEI	2021/22-3	Wet	3/28/2022 8:25:00 AM	3/29/2022 11:20:00 AM	E. Coli	n/a	=	8164	MPN/100 mL	MMO-MUG	10	10	VCHCA	
MO-MEI	2021/22-3	Wet	3/28/2022 8:25:00 AM	3/29/2022 11:20:00 AM	Total Coliform	n/a	=	241960	MPN/100 mL	MMO-MUG	100	100	VCHCA	
MO-MEI	2021/22-3	Wet	3/28/2022 8:25:00 AM	3/28/2022 8:25:00 AM	Conductivity	n/a	=	73.3	µmhos/cm	Field Meter	-88	1	Field Crew	
MO-MEI	2021/22-3	Wet	3/28/2022 8:25:00 AM	4/6/2022 3:20:00 PM	Cyanide	Total	<	0.0012	mg/L	ASTM D7511	0.0012	0.002	WKL	
MO-MEI	2021/22-3	Wet	3/28/2022 8:25:00 AM	3/28/2022 8:25:00 AM	DO	n/a	=	9.55	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	2021/22-3	Wet	3/28/2022 8:25:00 AM	3/28/2022 8:25:00 AM	DO	n/a	=	91	%	Field Meter	-88	0.1	Field Crew	
MO-MEI	2021/22-3	Wet	3/28/2022 8:25:00 AM	3/28/2022 8:25:00 AM	pH	n/a	=	7.38	pH Units	Field Meter	-88	0.01	Field Crew	
MO-MEI	2021/22-3	Wet	3/28/2022 8:25:00 AM	3/28/2022 8:25:00 AM	Salinity	n/a	<	100	mg/L	Field Meter	-88	100	Field Crew	
MO-MEI	2021/22-3	Wet	3/28/2022 8:25:00 AM	3/28/2022 8:25:00 AM	Specific Conductance	n/a	=	94.8	µmhos/cm	Field Meter	-88	1	Field Crew	
MO-MEI	2021/22-3	Wet	3/28/2022 8:25:00 AM	3/28/2022 8:25:00 AM	Temperature	n/a	=	13.1	°C	Field Meter	-88	0.1	Field Crew	
MO-MEI	2021/22-3	Wet	3/28/2022 8:25:00 AM	3/30/2022 5:01:00 PM	Gasoline Range Organics	n/a	<	0.065	mg/L	EPA 8260B	0.065	0.1	WKL	
MO-MEI	2021/22-3	Wet	3/28/2022 8:25:00 AM	4/4/2022 1:14:00 PM	Oil and Grease	n/a	DNQ	2.4	mg/L	EPA 1664B	0.6	4	WKL	
MO-MEI	2021/22-3	Wet	3/28/2022 12:10:00 PM	4/1/2022 2:43:00 PM	Chloride	n/a	=	8.6	mg/L	EPA 300.0	0.38	1	WKL	
MO-MEI	2021/22-3	Wet	3/28/2022 12:10:00 PM	4/1/2022 2:43:00 PM	Fluoride	n/a	DNQ	0.086	mg/L	EPA 300.0	0.018	0.2	WKL	
MO-MEI	2021/22-3	Wet	3/28/2022 12:10:00 PM	4/1/2022 7:32:00 PM	Perchlorate	n/a	<	0.78	µg/L	EPA 314.0	0.78	4	WKL	
MO-MEI	2021/22-3	Wet	3/28/2022 12:10:00 PM	4/7/2022 5:55:00 PM	Calcium	Total	=	12.9	mg/L	EPA 200.7	0.0234	0.5	WKL	
MO-MEI	2021/22-3	Wet	3/28/2022 12:10:00 PM	4/7/2022 5:55:00 PM	Magnesium	Total	=	5.7	mg/L	EPA 200.7	0.039	0.5	WKL	
MO-MEI	2021/22-3	Wet	3/28/2022 12:10:00 PM	3/31/2022 12:39:00 PM	Alkalinity as CaCO3	n/a	=	33	mg/L	SM 2320 B	1.9	5	WKL	
MO-MEI	2021/22-3	Wet	3/28/2022 12:10:00 PM	4/3/2022 1:52:00 PM	BOD	n/a	=	36	mg/L	SM 5210 B	2	2	WKL	
MO-MEI	2021/22-3	Wet	3/28/2022 12:10:00 PM	4/7/2022 1:13:00 PM	COD	n/a	=	75	mg/L	EPA 410.4	2.9	5	WKL	
MO-MEI	2021/22-3	Wet	3/28/2022 12:10:00 PM	4/7/2022 5:55:00 PM	Hardness as CaCO3	Total	=	55.7	mg/L	EPA 200.7	0.219	3.31	WKL	
MO-MEI	2021/22-3	Wet	3/28/2022 12:10:00 PM	3/29/2022 5:51:00 PM	MBAS	n/a	=	0.062	mg/L	SM 5540 C	0.013	0.05	WKL	
MO-MEI	2021/22-3	Wet	3/28/2022 12:10:00 PM	4/6/2022 1:30:00 PM	Phenolics	n/a	=	0.018	mg/L	EPA 420.4	0.0068	0.01	WKL	
MO-MEI	2021/22-3	Wet	3/28/2022 12:10:00 PM	3/29/2022 5:04:00 PM	Specific Conductance	n/a	=	140	µmhos/cm	SM 2510 B	1.1	2	WKL	
MO-MEI	2021/22-3	Wet	3/28/2022 12:10:00 PM	4/1/2022 4:57:00 PM	Total Dissolved Solids	n/a	=	100	mg/L	SM 2540 C	4	10	WKL	
MO-MEI	2021/22-3	Wet	3/28/2022 12:10:00 PM	3/29/2022 6:32:00 PM	Total Organic Carbon	n/a	=	27	mg/L	SM 5310 B	0.19	0.3	WKL	
MO-MEI	2021/22-3	Wet	3/28/2022 12:10:00 PM	4/2/2022 11:00:00 AM	Total Suspended Solids	n/a	=	270	mg/L	SM 2540 D	-88	5	WKL	
MO-MEI	2021/22-3	Wet	3/28/2022 12:10:00 PM	3/29/2022 3:08:00 PM	Turbidity	n/a	=	78	NTU	EPA 180.1	0.17	1	WKL	
MO-MEI	2021/22-3	Wet	3/28/2022 12:10:00 PM	4/2/2022 11:00:00 AM	Volatile Suspended Solids	n/a	=	59	mg/L	EPA 160.4	3.1	5	WKL	
MO-MEI	2021/22-3	Wet	3/28/2022 12:10:00 PM	4/1/2022 8:08:00 AM	Diesel Range Organics	n/a	=	0.42	mg/L	EPA 8015B	0.14	0.2	WKL	
MO-MEI	2021/22-3	Wet	3/28/2022 12:10:00 PM	4/1/2022 8:08:00 AM	Oil Range Organics	n/a	<	0.66	mg/L	EPA 8015B	0.66	1	WKL	
MO-MEI	2021/22-3	Wet	3/28/2022 12:10:00 PM	4/6/2022 5:13:00 PM	Aluminum	Dissolved	=	43	µg/L	EPA 200.8	4.4	20	WKL	
MO-MEI	2021/22-3	Wet	3/28/2022 12:10:00 PM	4/6/2022 5:16:00 PM	Aluminum	Total	=	6000	µg/L	EPA 200.8	4.4	20	WKL	
MO-MEI	2021/22-3	Wet	3/28/2022 12:10:00 PM	4/6/2022 5:13:00 PM	Antimony	Dissolved	DNQ	0.31	µg/L	EPA 200.8	0.089	0.5	WKL	
MO-MEI	2021/22-3	Wet	3/28/2022 12:10:00 PM	4/6/2022 5:16:00 PM	Antimony	Total	=	0.59	µg/L	EPA 200.8	0.089	0.5	WKL	
MO-MEI	2021/22-3	Wet	3/28/2022 12:10:00 PM	4/6/2022 5:13:00 PM	Arsenic	Dissolved	=	0.91	µg/L	EPA 200.8	0.074	0.4	WKL	
MO-MEI	2021/22-3	Wet	3/28/2022 12:10:00 PM	4/6/2022 5:16:00 PM	Arsenic	Total	=	2	µg/L	EPA 200.8	0.074	0.4	WKL	
MO-MEI	2021/22-3	Wet	3/28/2022 12:10:00 PM	4/6/2022 5:16:00 PM	Barium	Total	=	88	µg/L	EPA 200.8	0.14	1	WKL	
MO-MEI	2021/22-3	Wet	3/28/2022 12:10:00 PM	4/6/2022 5:13:00 PM	Beryllium	Dissolved	<	0.062	µg/L	EPA 200.8	0.062	0.1	WKL	
MO-MEI	2021/22-3	Wet	3/28/2022 12:10:00 PM	4/6/2022 5:16:00 PM	Beryllium	Total	=	0.23	µg/L	EPA 200.8	0.029	0.1	WKL	
MO-MEI	2021/22-3	Wet	3/28/2022 12:10:00 PM	4/6/2022 5:13:00 PM	Cadmium	Dissolved	<	0.042	µg/L	EPA 200.8	0.042	0.2	WKL	
MO-MEI	2021/22-3	Wet	3/28/2022 12:10:00 PM	4/6/2022 5:16:00 PM	Cadmium	Total	DNQ	0.19	µg/L	EPA 200.8	0.042	0.2	WKL	
MO-MEI	2021/22-3	Wet	3/28/2022 12:10:00 PM	4/6/2022 5:13:00 PM	Chromium	Dissolved	=	0.57	µg/L	EPA 200.8	0.089	0.2	WKL	
MO-MEI	2021/22-3	Wet	3/28/2022 12:10:00 PM	4/6/2022 5:16:00 PM	Chromium	Total	=	14	µg/L	EPA 200.8	0.089	0.2	WKL	
MO-MEI	2021/22-3	Wet	3/28/2022 12:10:00 PM	4/6/2022 2:48:00 PM	Chromium VI	n/a	=	0.3	µg/L	EPA 218.6	0.0079	0.02	WKL	
MO-MEI	2021/22-3	Wet	3/28/2022 12:10:00 PM	4/6/2022 5:13:00 PM	Copper	Dissolved	=	7.4	µg/L	EPA 200.8	0.23	0.5	WKL	
MO-MEI	2021/22-3	Wet	3/28/2022 12:10:00 PM	4/6/2022 5:16:00 PM	Copper	Total	=	18	µg/L	EPA 200.8	0.23	0.5	WKL	
MO-MEI	2021/22-3	Wet	3/28/2022 12:10:00 PM	4/6/2022 5:13:00 PM	Iron	Dissolved	=	99	µg/L	EPA 200.8	3.9	20	WKL	
MO-MEI	2021/22-3	Wet	3/28/2022 12:10:00 PM	4/6/2022 5:16:00 PM	Iron	Total	=	6500	µg/L	EPA 200.8	3.9	20	WKL	
MO-MEI	2021/22-3	Wet	3/28/2022 12:10:00 PM	4/6/2022 5:13:00 PM	Lead	Dissolved	=	0.44	µg/L	EPA 200.8	0.083	0.2	WKL	
MO-MEI	2021/22-3	Wet	3/28/2022 12:10:00 PM	4/6/2022 5:16:00 PM	Lead	Total	=	7.3	µg/L	EPA 200.8	0.083	0.2	WKL	
MO-MEI	2021/22-3	Wet	3/28/2022 12:10:00 PM	3/31/2022 11:03:00 AM	Mercury	Dissolved	DNQ	18	ng/L	EPA 245.1	17	50	WKL	
MO-MEI	2021/22-3	Wet	3/28/2022 12:10:00 PM	3/31/2022 11:05:00 AM	Mercury	Total	DNQ	39	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-MEI	2021/22-3	Wet	3/28/2022 12:10:00 PM	4/6/2022 5:13:00 PM	Nickel	Dissolved	=	2.7	µg/L	EPA 200.8	0.16	2	WKL	
MO-MEI	2021/22-3	Wet	3/28/2022 12:10:00 PM	4/6/2022 5:16:00 PM	Nickel	Total	=	20	µg/L	EPA 200.8	0.16	2	WKL	
MO-MEI	2021/22-3	Wet	3/28/2022 12:10:00 PM	4/6/2022 5:13:00 PM	Selenium	Dissolved	DNQ	0.13	µg/L	EPA 200.8	0.067	0.4	WKL	
MO-MEI	2021/22-3	Wet	3/28/2022 12:10:00 PM	4/6/2022 5:16:00 PM	Selenium	Total	DNQ	0.21	µg/L	EPA 200.8	0.067	0.4	WKL	
MO-MEI	2021/22-3	Wet	3/28/2022 12:10:00 PM	4/6/2022 5:13:00 PM	Silver	Dissolved	<	0.03	µg/L	EPA 200.8	0.03	0.2	WKL	
MO-MEI	2021/22-3	Wet	3/28/2022 12:10:00 PM	4/6/2022 5:16:00 PM	Silver	Total	<	0.13	µg/L	EPA 200.8	0.13	0.2	WKL	
MO-MEI	2021/22-3	Wet	3/28/2022 12:10:00 PM	4/6/2022 5:13:00 PM	Thallium	Dissolved	<	0.021	µg/L	EPA 200.8	0.021	0.2	WKL	
MO-MEI	2021/22-3	Wet	3/28/2022 12:10:00 PM	4/6/2022 5:16:00 PM	Thallium	Total	DNQ	0.06	µg/L	EPA 200.8	0.021	0.2	WKL	
MO-MEI	2021/22-3	Wet	3/28/2022 12:10:00 PM	4/6/2022 5:13:00 PM	Zinc	Dissolved	=	23	µg/L	EPA 200.8	0.8	10	WKL	
MO-MEI	2021/22-3	Wet	3/28/2022 12:10:00 PM	4/6/2022 5:16:00 PM	Zinc	Total	=	89	µg/L	EPA 200.8	1.7	10	WKL	
MO-MEI	2021/22-3	Wet	3/28/2022 12:10:00 PM	4/4/2022 4:09:00 PM	Ammonia as N	n/a	=	0.51	mg/L	EPA 350.1	0.017	0.1	WKL	
MO-MEI	2021/22-3	Wet	3/28/2022 12:10:00 PM	4/9/2022 3:00:00 PM	Nitrate + Nitrite as N	n/a	=	1.1	mg/L	EPA 353.2	0.036	0.2	WKL	
MO-MEI	2021/22-3	Wet	3/28/2022 12:10:00 PM	4/7/2022 5:52:00 PM	Phosphorus as P	Dissolved	=	0.57	mg/L	EPA 200.7	0.018	0.05	WKL	
MO-MEI	2021/22-3	Wet	3/28/2022 12:10:00 PM	4/7/2022 5:55:00 PM	Phosphorus as P	Total	=	0.83	mg/L	EPA 200.7	0.018	0.05	WKL	
MO-MEI	2021/22-3	Wet	3/28/2022 12:10:00 PM	4/6/2022 4:21:00 PM	TKN	n/a	=	3.2	mg/L	EPA 351.2	0.13	0.2	WKL	
MO-MEI	2021/22-3	Wet	3/28/2022 12:10:00 PM	4/28/2022 3:01:00 AM	1,2,4-Trichlorobenzene	n/a	<	0.98	µg/L	EPA 625.1	0.98	2	WKL	
MO-MEI	2021/22-3	Wet	3/28/2022 12:10:00 PM	4/28/2022 3:01:00 AM	1,2-Dichlorobenzene	n/a	<	0.92	µg/L	EPA 625.1	0.92	2	WKL	
MO-MEI	2021/22-3	Wet	3/28/2022 12:10:00 PM	4/28/2022 12:10:00 PM	1,2-Diphenylhydrazine	n/a	<	0.6	µg/L	EPA 625.1	0.6	2	WKL	
MO-MEI	2021/22-3	Wet	3/28/2022 12:10:00 PM	4/28/2022 3:01:00 AM	1,3-Dichlorobenzene	n/a	<	0.84	µg/L	EPA 625.1	0.84	2	WKL	
MO-MEI	2021/22-3	Wet	3/28/2022 12:10:00 PM	4/28/2022 3:01:00 AM	1,4-Dichlorobenzene	n/a	<	0.96	µg/L	EPA 625.1	0.96	2	WKL	
MO-MEI	2021/22-3	Wet	3/28/2022 12:10:00 PM	4/20/2022 9:23:00 AM	1-Methylnaphthalene	n/a	<	0.048	µg/L	EPA 8270C	0.048	0.2	WKL	
MO-MEI	2021/22-3	Wet	3/28/2022 12:10:00 PM	4/29/2022 7:43:00 AM	2,4,5-Trichlorophenol	n/a	<	0.58	µg/L	EPA 8270C	0.58	2	WKL	
MO-MEI	2021/22-3	Wet	3/28/2022 12:10:00 PM	4/28/2022 3:01:00 AM	2,4,6-Trichlorophenol	n/a	<	0.44	µg/L	EPA 625.1	0.44	2	WKL	
MO-MEI	2021/22-3	Wet	3/28/2022 12:10:00 PM	4/29/2022 7:43:00 AM	2,4,6-Trichlorophenol	n/a	<	0.6	µg/L	EPA 8270C	0.6	2	WKL	
MO-MEI	2021/22-3	Wet	3/28/2022 12:10:00 PM	4/28/2022 3:01:00 AM	2,4-Dichlorophenol	n/a	<	0.52	µg/L	EPA 625.1	0.52	2	WKL	
MO-MEI	2021/22-3	Wet	3/28/2022 12:10:00 PM	4/29/2022 7:43:00 AM	2,4-Dichlorophenol	n/a	<	1	µg/L	EPA 8270C	1	2	WKL	
MO-MEI	2021/22-3	Wet	3/28/2022 12:10:00 PM	4/28/2022 3:01:00 AM	2,4-Dimethylphenol	n/a	<	1.5	µg/L	EPA 625.1	1.5	2	WKL	
MO-MEI	2021/22-3	Wet	3/28/2022 12:10:00 PM	4/29/2022 7:43:00 AM	2,4-Dimethylphenol	n/a	<	2	µg/L	EPA 8270C	2	4	WKL	
MO-MEI	2021/22-3	Wet	3/28/2022 12:10:00 PM	4/28/2022 3:01:00 AM	2,4-Dinitrophenol	n/a	<	3.7	µg/L	EPA 625.1	3.7	20	WKL	
MO-MEI	2021/22-3	Wet	3/28/2022 12:10:00 PM	4/29/2022 7:43:00 AM	2,4-Dinitrophenol	n/a	<	2	µg/L	EPA 8270C	2	4	WKL	
MO-MEI	2021/22-3	Wet	3/28/2022 12:10:00 PM	4/28/2022 3:01:00 AM	2,4-Dinitrotoluene	n/a	<	0.92	µg/L	EPA 625.1	0.92	2	WKL	
MO-MEI	2021/22-3	Wet	3/28/2022 12:10:00 PM	4/28/2022 3:01:00 AM	2,6-Dinitrotoluene	n/a	<	0.54	µg/L	EPA 625.1	0.54	2	WKL	
MO-MEI	2021/22-3	Wet	3/28/2022 12:10:00 PM	4/28/2022 3:01:00 AM	2-Chloronaphthalene	n/a	<	0.9	µg/L	EPA 625.1	0.9	2	WKL	
MO-MEI	2021/22-3	Wet	3/28/2022 12:10:00 PM	4/28/2022 3:01:00 AM	2-Chlorophenol	n/a	<	0.56	µg/L	EPA 625.1	0.56	2	WKL	
MO-MEI	2021/22-3	Wet	3/28/2022 12:10:00 PM	4/29/2022 7:43:00 AM	2-Chlorophenol	n/a	<	1.3	µg/L	EPA 8270C	1.3	2	WKL	
MO-MEI	2021/22-3	Wet	3/28/2022 12:10:00 PM	4/20/2022 9:23:00 AM	2-Methylnaphthalene	n/a	<	0.052	µg/L	EPA 8270C	0.052	0.2	WKL	
MO-MEI	2021/22-3	Wet	3/28/2022 12:10:00 PM	4/29/2022 7:43:00 AM	2-Methylphenol	n/a	<	0.68	µg/L	EPA 8270C	0.68	2	WKL	
MO-MEI	2021/22-3	Wet	3/28/2022 12:10:00 PM	4/29/2022 7:43:00 AM	2-Nitrophenol	n/a	<	1.4	µg/L	EPA 8270C	1.4	2	WKL	
MO-MEI	2021/22-3	Wet	3/28/2022 12:10:00 PM	4/28/2022 3:01:00 AM	2-Nitrophenol	n/a	<	0.52	µg/L	EPA 625.1	0.52	2	WKL	
MO-MEI	2021/22-3	Wet	3/28/2022 12:10:00 PM	4/28/2022 3:01:00 AM	3,3'-Dichlorobenzidine	n/a	<	5	µg/L	EPA 625.1	5	10	WKL	
MO-MEI	2021/22-3	Wet	3/28/2022 12:10:00 PM	4/29/2022 7:43:00 AM	3-/4-Methylphenol	n/a	DNQ	1	µg/L	EPA 8270C	0.6	2	WKL	
MO-MEI	2021/22-3	Wet	3/28/2022 12:10:00 PM	4/28/2022 3:01:00 AM	4,6-Dinitro-2-methylphenol	n/a	<	1	µg/L	EPA 625.1	1	10	WKL	
MO-MEI	2021/22-3	Wet	3/28/2022 12:10:00 PM	4/29/2022 7:43:00 AM	4,6-Dinitro-2-methylphenol	n/a	<	0.28	µg/L	EPA 8270C	0.28	2	WKL	
MO-MEI	2021/22-3	Wet	3/28/2022 12:10:00 PM	4/28/2022 3:01:00 AM	4-Bromophenyl phenyl ether	n/a	<	0.72	µg/L	EPA 625.1	0.72	2	WKL	
MO-MEI	2021/22-3	Wet	3/28/2022 12:10:00 PM	4/28/2022 3:01:00 AM	4-Chloro-3-methylphenol	n/a	<	0.46	µg/L	EPA 625.1	0.46	2	WKL	
MO-MEI	2021/22-3	Wet	3/28/2022 12:10:00 PM	4/29/2022 7:43:00 AM	4-Chloro-3-methylphenol	n/a	<	0.74	µg/L	EPA 8270C	0.74	2	WKL	
MO-MEI	2021/22-3	Wet	3/28/2022 12:10:00 PM	4/28/2022 3:01:00 AM	4-Chlorophenyl phenyl ether	n/a	<	0.82	µg/L	EPA 625.1	0.82	2	WKL	
MO-MEI	2021/22-3	Wet	3/28/2022 12:10:00 PM	4/28/2022 3:01:00 AM	4-Nitrophenol	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
MO-MEI	2021/22-3	Wet	3/28/2022 12:10:00 PM	4/29/2022 7:43:00 AM	4-Nitrophenol	n/a	<	2	µg/L	EPA 8270C	2	4	WKL	
MO-MEI	2021/22-3	Wet	3/28/2022 12:10:00 PM	4/20/2022 9:23:00 AM	Acenaphthene	n/a	<	0.056	µg/L	EPA 8270C	0.056	0.2	WKL	
MO-MEI	2021/22-3	Wet	3/28/2022 12:10:00 PM	4/28/2022 3:01:00 AM	Acenaphthene	n/a	<	0.76	µg/L	EPA 625.1	0.76	2	WKL	
MO-MEI	2021/22-3	Wet	3/28/2022 12:10:00 PM	4/28/2022 3:01:00 AM	Acenaphthylene	n/a	<	0.7	µg/L	EPA 625.1	0.7	2	WKL	
MO-MEI	2021/22-3	Wet	3/28/2022 12:10:00 PM	4/20/2022 9:23:00 AM	Acenaphthylene	n/a	<	0.066	µg/L	EPA 8270C	0.066	0.2	WKL	
MO-MEI	2021/22-3	Wet	3/28/2022 12:10:00 PM	4/28/2022 3:01:00 AM	Anthracene	n/a	<	0.82	µg/L	EPA 625.1	0.82	2	WKL	
MO-MEI	2021/22-3	Wet	3/28/2022 12:10:00 PM	4/20/2022 9:23:00 AM	Anthracene	n/a	DNQ	0.06	µg/L	EPA 8270C	0.05	0.2	WKL	
MO-MEI	2021/22-3	Wet	3/28/2022 12:10:00 PM	4/28/2022 3:01:00 AM	Benz(a)anthracene	n/a	<	0.38	µg/L	EPA 625.1	0.38	2	WKL	
MO-MEI	2021/22-3	Wet	3/28/2022 12:10:00 PM	4/20/2022 9:23:00 AM	Benz(a)anthracene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.2	WKL	
MO-MEI	2021/22-3	Wet	3/28/2022 12:10:00 PM	4/28/2022 3:01:00 AM	Benzidine	n/a	<	6.4	µg/L	EPA 625.1	6.4	20	WKL	
MO-MEI	2021/22-3	Wet	3/28/2022 12:10:00 PM	3/31/2022 11:37:00 PM	Benzo(a)pyrene	n/a	<	0.1	µg/L	EPA 525.2	0.1	0.5	WKL	
MO-MEI	2021/22-3	Wet	3/28/2022 12:10:00 PM	4/28/2022 3:01:00 AM	Benzo(a)pyrene	n/a	<	0.78	µg/L	EPA 625.1	0.78	2	WKL	
MO-MEI	2021/22-3	Wet	3/28/2022 12:10:00 PM	4/20/2022 9:23:00 AM	Benzo(a)pyrene	n/a	DNQ	0.11	µg/L	EPA 8270C	0.1	0.2	WKL	
MO-MEI	2021/22-3	Wet	3/28/2022 12:10:00 PM	4/28/2022 3:01:00 AM	Benzo(b)fluoranthene	n/a	<	0.92	µg/L	EPA 625.1	0.92	2	WKL	
MO-MEI	2021/22-3	Wet	3/28/2022 12:10:00 PM	4/20/2022 9:23:00 AM	Benzo(b)fluoranthene	n/a	<	0.15	µg/L	EPA 8270C	0.15	0.2	WKL	
MO-MEI	2021/22-3	Wet	3/28/2022 12:10:00 PM	4/20/2022 9:23:00 AM	Benzo(g,h,i)perylene	n/a	DNQ	0.1	µg/L	EPA 8270C	0.1	0.2	WKL	
MO-MEI	2021/22-3	Wet	3/28/2022 12:10:00 PM	4/28/2022 3:01:00 AM	Benzo(g,h,i)perylene	n/a	<	0.84	µg/L	EPA 625.1	0.84	4	WKL	
MO-MEI	2021/22-3	Wet	3/28/2022 12:10:00 PM	4/20/2022 9:23:00 AM	Benzo(k)fluoranthene	n/a	DNQ	0.084	µg/L	EPA 8270C	0.052	0.2	WKL	UL-MB
MO-MEI	2021/22-3	Wet	3/28/2022 12:10:00 PM	4/28/2022 3:01:00 AM	Benzo(k)fluoranthene	n/a	<	0.44	µg/L	EPA 625.1	0.44	2	WKL	
MO-MEI	2021/22-3	Wet	3/28/2022 12:10:00 PM	4/28/2022 3:01:00 AM	Bis(2-chloroethoxy)methane	n/a	<	0.5	µg/L	EPA 625.1	0.5	2	WKL	
MO-MEI	2021/22-3	Wet	3/28/2022 12:10:00 PM	4/28/2022 3:01:00 AM	Bis(2-chloroethyl)ether	n/a	<	0.54	µg/L	EPA 625.1	0.54	2	WKL	
MO-MEI	2021/22-3	Wet	3/28/2022 12:10:00 PM	4/28/2022 3:01:00 AM	Bis(2-chloroisopropyl)ether	n/a	<	0.76	µg/L	EPA 625.1	0.76	2	WKL	
MO-MEI	2021/22-3	Wet	3/28/2022 12:10:00 PM	3/31/2022 11:37:00 PM	Bis(2-ethylhexyl)adipate	n/a	<	2.1	µg/L	EPA 525.2	2.1	25	WKL	
MO-MEI	2021/22-3	Wet	3/28/2022 12:10:00 PM	3/31/2022 11:37:00 PM	Bis(2-ethylhexyl)phthalate	n/a	<	2	µg/L	EPA 525.2	2	15	WKL	
MO-MEI	2021/22-3	Wet	3/28/2022 12:10:00 PM	4/28/2022 3:01:00 AM	Bis(2-ethylhexyl)phthalate	n/a	<	4.6	µg/L	EPA 625.1	4.6	10	WKL	
MO-MEI	2021/22-3	Wet	3/28/2022 12:10:00 PM	4/28/2022 3:01:00 AM	Butyl benzyl phthalate	n/a	<	0.98	µg/L	EPA 625.1	0.98	2	WKL	
MO-MEI	2021/22-3	Wet	3/28/2022 12:10:00 PM	4/28/2022 3:01:00 AM	Chrysene	n/a	<	0.38	µg/L	EPA 625.1	0.38	2	WKL	
MO-MEI	2021/22-3	Wet	3/28/2022 12:10:00 PM	4/20/2022 9:23:00 AM	Chrysene	n/a	<	0.15	µg/L	EPA 8270C	0.15	0.2	WKL	
MO-MEI	2021/22-3	Wet	3/28/2022 12:10:00 PM	4/28/2022 3:01:00 AM	Dibenz(a,h)anthracene	n/a	<	0.3	µg/L	EPA 625.1	0.3	4	WKL	
MO-MEI	2021/22-3	Wet	3/28/2022 12:10:00 PM	4/20/2022 9:23:00 AM	Dibenz(a,h)anthracene	n/a	DNQ	0.12	µg/L	EPA 8270C	0.072	0.2	WKL	UL-MB
MO-MEI	2021/22-3	Wet	3/28/2022 12:10:00 PM	4/28/2022 3:01:00 AM	Diethyl phthalate	n/a	<	0.7	µg/L	EPA 625.1	0.7	2	WKL	
MO-MEI	2021/22-3	Wet	3/28/2022 12:10:00 PM	4/28/2022 3:01:00 AM	Dimethyl phthalate	n/a	<	0.36	µg/L	EPA 625.1	0.36	2	WKL	
MO-MEI	2021/22-3	Wet	3/28/2022 12:10:00 PM	4/28/2022 3:01:00 AM	Di-n-butylphthalate	n/a	<	0.68	µg/L	EPA 625.1	0.68	2	WKL	
MO-MEI	2021/22-3	Wet	3/28/2022 12:10:00 PM	4/28/2022 3:01:00 AM	Di-n-octylphthalate	n/a	<	0.92	µg/L	EPA 625.1	0.92	2	WKL	
MO-MEI	2021/22-3	Wet	3/28/2022 12:10:00 PM	4/28/2022 3:01:00 AM	Fluoranthene	n/a	<	0.69	µg/L	EPA 625.1	0.69	2	WKL	
MO-MEI	2021/22-3	Wet	3/28/2022 12:10:00 PM	4/20/2022 9:23:00 AM	Fluoranthene	n/a	DNQ	0.087	µg/L	EPA 8270C	0.078	0.2	WKL	
MO-MEI	2021/22-3	Wet	3/28/2022 12:10:00 PM	4/28/2022 3:01:00 AM	Fluorene	n/a	<	0.7	µg/L	EPA 625.1	0.7	2	WKL	
MO-MEI	2021/22-3	Wet	3/28/2022 12:10:00 PM	4/20/2022 9:23:00 AM	Fluorene	n/a	<	0.058	µg/L	EPA 8270C	0.058	0.2	WKL	
MO-MEI	2021/22-3	Wet	3/28/2022 12:10:00 PM	4/28/2022 3:01:00 AM	Hexachlorobenzene	n/a	<	0.98	µg/L	EPA 625.1	0.98	2	WKL	
MO-MEI	2021/22-3	Wet	3/28/2022 12:10:00 PM	4/28/2022 3:01:00 AM	Hexachlorobutadiene	n/a	<	0.94	µg/L	EPA 625.1	0.94	2	WKL	
MO-MEI	2021/22-3	Wet	3/28/2022 12:10:00 PM	3/31/2022 11:37:00 PM	Hexachlorocyclopentadiene	n/a	<	0.46	µg/L	EPA 525.2	0.46	5	WKL	
MO-MEI	2021/22-3	Wet	3/28/2022 12:10:00 PM	4/28/2022 3:01:00 AM	Hexachlorocyclopentadiene	n/a	<	0.62	µg/L	EPA 625.1	0.62	10	WKL	
MO-MEI	2021/22-3	Wet	3/28/2022 12:10:00 PM	4/28/2022 3:01:00 AM	Hexachloroethane	n/a	<	1	µg/L	EPA 625.1	1	2	WKL	
MO-MEI	2021/22-3	Wet	3/28/2022 12:10:00 PM	4/28/2022 3:01:00 AM	Indeno(1,2,3-cd)pyrene	n/a	<	0.49	µg/L	EPA 625.1	0.49	4	WKL	
MO-MEI	2021/22-3	Wet	3/28/2022 12:10:00 PM	4/20/2022 9:23:00 AM	Indeno(1,2,3-cd)pyrene	n/a	<	0.13	µg/L	EPA 8270C	0.13	0.2	WKL	
MO-MEI	2021/22-3	Wet	3/28/2022 12:10:00 PM	4/28/2022 3:01:00 AM	Isophorone	n/a	<	0.42	µg/L	EPA 625.1	0.42	2	WKL	
MO-MEI	2021/22-3	Wet	3/28/2022 12:10:00 PM	4/20/2022 9:23:00 AM	Naphthalene	n/a	<	0.052	µg/L	EPA 8270C	0.052	0.2	WKL	
MO-MEI	2021/22-3	Wet	3/28/2022 12:10:00 PM	4/28/2022 3:01:00 AM	Naphthalene	n/a	<	0.98	µg/L	EPA 625.1	0.98	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	2021/22-3	Wet	3/28/2022 12:10:00 PM	4/28/2022 3:01:00 AM	Nitrobenzene	n/a	<	0.72	µg/L	EPA 625.1	0.72	2	WKL	
MO-MEI	2021/22-3	Wet	3/28/2022 12:10:00 PM	4/28/2022 3:01:00 AM	N-Nitrosodimethylamine	n/a	<	1	µg/L	EPA 625.1	1	2	WKL	
MO-MEI	2021/22-3	Wet	3/28/2022 12:10:00 PM	4/28/2022 3:01:00 AM	N-Nitrosodi-N-propylamine	n/a	<	0.52	µg/L	EPA 625.1	0.52	2	WKL	
MO-MEI	2021/22-3	Wet	3/28/2022 12:10:00 PM	4/28/2022 3:01:00 AM	N-Nitrosodiphenylamine	n/a	<	0.38	µg/L	EPA 625.1	0.38	2	WKL	
MO-MEI	2021/22-3	Wet	3/28/2022 12:10:00 PM	4/28/2022 3:01:00 AM	Phenanthrene	n/a	<	0.64	µg/L	EPA 625.1	0.64	2	WKL	
MO-MEI	2021/22-3	Wet	3/28/2022 12:10:00 PM	4/20/2022 9:23:00 AM	Phenanthrene	n/a	<	0.058	µg/L	EPA 8270C	0.058	0.2	WKL	
MO-MEI	2021/22-3	Wet	3/28/2022 12:10:00 PM	4/28/2022 3:01:00 AM	Phenol	n/a	<	1.6	µg/L	EPA 625.1	1.6	2	WKL	
MO-MEI	2021/22-3	Wet	3/28/2022 12:10:00 PM	4/29/2022 7:43:00 AM	Phenol	n/a	<	0.7	µg/L	EPA 8270C	0.7	2	WKL	
MO-MEI	2021/22-3	Wet	3/28/2022 12:10:00 PM	4/28/2022 3:01:00 AM	Pyrene	n/a	<	0.5	µg/L	EPA 625.1	0.5	2	WKL	
MO-MEI	2021/22-3	Wet	3/28/2022 12:10:00 PM	4/20/2022 9:23:00 AM	Pyrene	n/a	<	0.08	µg/L	EPA 8270C	0.08	0.2	WKL	
MO-MEI	2021/22-3	Wet	3/28/2022 12:10:00 PM	4/10/2022 2:13:00 AM	PCB Aroclor 1016	n/a	<	2.5	µg/L	EPA 608.3	2.5	2.5	WKL	
MO-MEI	2021/22-3	Wet	3/28/2022 12:10:00 PM	4/10/2022 2:13:00 AM	PCB Aroclor 1221	n/a	<	2.5	µg/L	EPA 608.3	2.5	2.5	WKL	
MO-MEI	2021/22-3	Wet	3/28/2022 12:10:00 PM	4/10/2022 2:13:00 AM	PCB Aroclor 1232	n/a	<	2.5	µg/L	EPA 608.3	2.5	2.5	WKL	
MO-MEI	2021/22-3	Wet	3/28/2022 12:10:00 PM	4/10/2022 2:13:00 AM	PCB Aroclor 1242	n/a	<	2.5	µg/L	EPA 608.3	2.5	2.5	WKL	
MO-MEI	2021/22-3	Wet	3/28/2022 12:10:00 PM	4/10/2022 2:13:00 AM	PCB Aroclor 1248	n/a	<	2.5	µg/L	EPA 608.3	2.5	2.5	WKL	
MO-MEI	2021/22-3	Wet	3/28/2022 12:10:00 PM	4/10/2022 2:13:00 AM	PCB Aroclor 1254	n/a	<	2.5	µg/L	EPA 608.3	2.5	2.5	WKL	
MO-MEI	2021/22-3	Wet	3/28/2022 12:10:00 PM	4/10/2022 2:13:00 AM	PCB Aroclor 1260	n/a	<	2.5	µg/L	EPA 608.3	2.5	2.5	WKL	
MO-MEI	2021/22-3	Wet	3/28/2022 12:10:00 PM	4/1/2022 4:38:00 AM	2,4,5-T	n/a	<	0.03	µg/L	EPA 515.4	0.03	0.2	WKL	
MO-MEI	2021/22-3	Wet	3/28/2022 12:10:00 PM	4/1/2022 4:38:00 AM	2,4,5-TP	n/a	<	0.026	µg/L	EPA 515.4	0.026	0.2	WKL	
MO-MEI	2021/22-3	Wet	3/28/2022 12:10:00 PM	4/1/2022 4:38:00 AM	2,4-D	n/a	=	0.51	µg/L	EPA 515.4	0.14	0.4	WKL	
MO-MEI	2021/22-3	Wet	3/28/2022 12:10:00 PM	4/1/2022 4:38:00 AM	2,4-DB	n/a	<	2	µg/L	EPA 515.4	2	2	WKL	
MO-MEI	2021/22-3	Wet	3/28/2022 12:10:00 PM	4/1/2022 4:38:00 AM	3,5-Dichlorobenzoic acid	n/a	<	1	µg/L	EPA 515.4	1	1	WKL	
MO-MEI	2021/22-3	Wet	3/28/2022 12:10:00 PM	4/10/2022 2:13:00 AM	4,4'-DDD	n/a	<	0.0035	µg/L	EPA 608.3	0.0035	0.25	WKL	
MO-MEI	2021/22-3	Wet	3/28/2022 12:10:00 PM	4/10/2022 2:13:00 AM	4,4'-DDE	n/a	DNQ	0.0064	µg/L	EPA 608.3	0.0035	0.25	WKL	
MO-MEI	2021/22-3	Wet	3/28/2022 12:10:00 PM	4/10/2022 2:13:00 AM	4,4'-DDT	n/a	<	0.0055	µg/L	EPA 608.3	0.0055	0.05	WKL	
MO-MEI	2021/22-3	Wet	3/28/2022 12:10:00 PM	4/1/2022 4:38:00 AM	Acifluorfen	n/a	<	0.4	µg/L	EPA 515.4	0.4	0.4	WKL	
MO-MEI	2021/22-3	Wet	3/28/2022 12:10:00 PM	3/31/2022 11:37:00 PM	Alachlor	n/a	<	0.15	µg/L	EPA 525.2	0.15	0.5	WKL	
MO-MEI	2021/22-3	Wet	3/28/2022 12:10:00 PM	4/10/2022 2:13:00 AM	Aldrin	n/a	<	0.005	µg/L	EPA 608.3	0.005	0.025	WKL	
MO-MEI	2021/22-3	Wet	3/28/2022 12:10:00 PM	4/10/2022 2:13:00 AM	alpha-BHC	n/a	<	0.0055	µg/L	EPA 608.3	0.0055	0.05	WKL	
MO-MEI	2021/22-3	Wet	3/28/2022 12:10:00 PM	4/10/2022 2:13:00 AM	alpha-Chlordane	n/a	<	0.014	µg/L	EPA 608.3	0.014	0.05	WKL	
MO-MEI	2021/22-3	Wet	3/28/2022 12:10:00 PM	3/31/2022 11:37:00 PM	Atrazine	n/a	<	0.054	µg/L	EPA 525.2	0.054	0.5	WKL	
MO-MEI	2021/22-3	Wet	3/28/2022 12:10:00 PM	4/1/2022 8:11:00 PM	Azinphos methyl	n/a	<	0.011	µg/L	EPA 625.1m	0.011	0.02	WKL	
MO-MEI	2021/22-3	Wet	3/28/2022 12:10:00 PM	4/1/2022 4:38:00 AM	Bentazon	n/a	<	0.23	µg/L	EPA 515.4	0.23	2	WKL	
MO-MEI	2021/22-3	Wet	3/28/2022 12:10:00 PM	4/10/2022 2:13:00 AM	beta-BHC	n/a	<	0.0075	µg/L	EPA 608.3	0.0075	0.025	WKL	
MO-MEI	2021/22-3	Wet	3/28/2022 12:10:00 PM	4/1/2022 8:11:00 PM	Bolstar	n/a	<	0.0092	µg/L	EPA 625.1m	0.0092	0.02	WKL	
MO-MEI	2021/22-3	Wet	3/28/2022 12:10:00 PM	3/31/2022 11:37:00 PM	Bromacil	n/a	<	0.35	µg/L	EPA 525.2	0.35	2.5	WKL	
MO-MEI	2021/22-3	Wet	3/28/2022 12:10:00 PM	3/31/2022 11:37:00 PM	Butachlor	n/a	<	0.061	µg/L	EPA 525.2	0.061	0.5	WKL	
MO-MEI	2021/22-3	Wet	3/28/2022 12:10:00 PM	3/31/2022 11:37:00 PM	Captan	n/a	<	1.6	µg/L	EPA 525.2	1.6	5	WKL	
MO-MEI	2021/22-3	Wet	3/28/2022 12:10:00 PM	4/10/2022 2:13:00 AM	Chlordane (technical)	n/a	<	0.5	µg/L	EPA 608.3	0.5	0.5	WKL	
MO-MEI	2021/22-3	Wet	3/28/2022 12:10:00 PM	3/31/2022 11:37:00 PM	Chlorpropham	n/a	<	0.2	µg/L	EPA 525.2	0.2	0.5	WKL	
MO-MEI	2021/22-3	Wet	3/28/2022 12:10:00 PM	4/1/2022 8:11:00 PM	Chlorpyrifos	n/a	<	0.014	µg/L	EPA 625.1m	0.014	0.02	WKL	
MO-MEI	2021/22-3	Wet	3/28/2022 12:10:00 PM	4/1/2022 8:11:00 PM	Coumaphos	n/a	<	0.01	µg/L	EPA 625.1m	0.01	0.02	WKL	
MO-MEI	2021/22-3	Wet	3/28/2022 12:10:00 PM	4/1/2022 4:38:00 AM	Dalapon	n/a	<	0.11	µg/L	EPA 515.4	0.11	0.4	WKL	
MO-MEI	2021/22-3	Wet	3/28/2022 12:10:00 PM	4/1/2022 4:38:00 AM	DCPA (Dacthal)	n/a	<	0.029	µg/L	EPA 515.4	0.029	0.1	WKL	
MO-MEI	2021/22-3	Wet	3/28/2022 12:10:00 PM	4/10/2022 2:13:00 AM	delta-BHC	n/a	<	0.0095	µg/L	EPA 608.3	0.0095	0.025	WKL	
MO-MEI	2021/22-3	Wet	3/28/2022 12:10:00 PM	4/1/2022 8:11:00 PM	Demeton-O	n/a	<	0.02	µg/L	EPA 625.1m	0.02	0.02	WKL	
MO-MEI	2021/22-3	Wet	3/28/2022 12:10:00 PM	4/1/2022 8:11:00 PM	Demeton-S	n/a	<	0.02	µg/L	EPA 625.1m	0.02	0.02	WKL	
MO-MEI	2021/22-3	Wet	3/28/2022 12:10:00 PM	3/31/2022 11:37:00 PM	Diazinon	n/a	<	0.11	µg/L	EPA 525.2	0.11	0.5	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-MEI	2021/22-3	Wet	3/28/2022 12:10:00 PM	4/1/2022 8:11:00 PM	Diazinon	n/a	<	0.01	µg/L	EPA 625.1m	0.01	0.02	WKL	
MO-MEI	2021/22-3	Wet	3/28/2022 12:10:00 PM	4/1/2022 4:38:00 AM	Dicamba	n/a	<	0.049	µg/L	EPA 515.4	0.049	0.6	WKL	
MO-MEI	2021/22-3	Wet	3/28/2022 12:10:00 PM	4/1/2022 4:38:00 AM	Dichlorprop	n/a	<	0.12	µg/L	EPA 515.4	0.12	0.3	WKL	
MO-MEI	2021/22-3	Wet	3/28/2022 12:10:00 PM	4/1/2022 8:11:00 PM	Dichlorvos	n/a	<	0.0058	µg/L	EPA 625.1m	0.0058	0.02	WKL	
MO-MEI	2021/22-3	Wet	3/28/2022 12:10:00 PM	4/10/2022 2:13:00 AM	Dieldrin	n/a	<	0.004	µg/L	EPA 608.3	0.004	0.05	WKL	
MO-MEI	2021/22-3	Wet	3/28/2022 12:10:00 PM	4/1/2022 8:11:00 PM	Dimethoate	n/a	<	0.012	µg/L	EPA 625.1m	0.012	0.02	WKL	
MO-MEI	2021/22-3	Wet	3/28/2022 12:10:00 PM	3/31/2022 11:37:00 PM	Dimethoate	n/a	<	0.1	µg/L	EPA 525.2	0.1	1	WKL	
MO-MEI	2021/22-3	Wet	3/28/2022 12:10:00 PM	4/1/2022 4:38:00 AM	Dinoseb	n/a	<	0.033	µg/L	EPA 515.4	0.033	0.4	WKL	
MO-MEI	2021/22-3	Wet	3/28/2022 12:10:00 PM	3/31/2022 11:37:00 PM	Diphenamid	n/a	<	0.15	µg/L	EPA 525.2	0.15	0.5	WKL	
MO-MEI	2021/22-3	Wet	3/28/2022 12:10:00 PM	3/31/2022 11:37:00 PM	Disulfoton	n/a	<	0.077	µg/L	EPA 525.2	0.077	0.5	WKL	
MO-MEI	2021/22-3	Wet	3/28/2022 12:10:00 PM	4/1/2022 8:11:00 PM	Disulfoton	n/a	<	0.02	µg/L	EPA 625.1m	0.02	0.02	WKL	
MO-MEI	2021/22-3	Wet	3/28/2022 12:10:00 PM	4/10/2022 2:13:00 AM	Endosulfan I	n/a	<	0.0045	µg/L	EPA 608.3	0.0045	0.1	WKL	
MO-MEI	2021/22-3	Wet	3/28/2022 12:10:00 PM	4/10/2022 2:13:00 AM	Endosulfan II	n/a	<	0.0035	µg/L	EPA 608.3	0.0035	0.05	WKL	
MO-MEI	2021/22-3	Wet	3/28/2022 12:10:00 PM	4/10/2022 2:13:00 AM	Endosulfan sulfate	n/a	<	0.0065	µg/L	EPA 608.3	0.0065	0.25	WKL	
MO-MEI	2021/22-3	Wet	3/28/2022 12:10:00 PM	4/10/2022 2:13:00 AM	Endrin	n/a	<	0.0085	µg/L	EPA 608.3	0.0085	0.05	WKL	
MO-MEI	2021/22-3	Wet	3/28/2022 12:10:00 PM	4/10/2022 2:13:00 AM	Endrin aldehyde	n/a	<	0.0095	µg/L	EPA 608.3	0.0095	0.05	WKL	
MO-MEI	2021/22-3	Wet	3/28/2022 12:10:00 PM	3/31/2022 11:37:00 PM	EPTC	n/a	<	0.1	µg/L	EPA 525.2	0.1	0.5	WKL	
MO-MEI	2021/22-3	Wet	3/28/2022 12:10:00 PM	4/1/2022 8:11:00 PM	Ethoprop	n/a	<	0.013	µg/L	EPA 625.1m	0.013	0.02	WKL	
MO-MEI	2021/22-3	Wet	3/28/2022 12:10:00 PM	4/1/2022 8:11:00 PM	Ethyl parathion	n/a	<	0.011	µg/L	EPA 625.1m	0.011	0.02	WKL	
MO-MEI	2021/22-3	Wet	3/28/2022 12:10:00 PM	4/1/2022 8:11:00 PM	Fensulfothion	n/a	<	0.0058	µg/L	EPA 625.1m	0.0058	0.02	WKL	
MO-MEI	2021/22-3	Wet	3/28/2022 12:10:00 PM	4/1/2022 8:11:00 PM	Fenthion	n/a	<	0.0076	µg/L	EPA 625.1m	0.0076	0.02	WKL	
MO-MEI	2021/22-3	Wet	3/28/2022 12:10:00 PM	4/10/2022 2:13:00 AM	gamma-BHC (Lindane)	n/a	<	0.002	µg/L	EPA 608.3	0.002	0.1	WKL	
MO-MEI	2021/22-3	Wet	3/28/2022 12:10:00 PM	4/10/2022 2:13:00 AM	gamma-Chlordane	n/a	<	0.012	µg/L	EPA 608.3	0.012	0.05	WKL	
MO-MEI	2021/22-3	Wet	3/28/2022 12:10:00 PM	4/4/2022 7:48:00 PM	Glyphosate	n/a	=	23	µg/L	EPA 547	1.8	5	WKL	
MO-MEI	2021/22-3	Wet	3/28/2022 12:10:00 PM	4/10/2022 2:13:00 AM	Heptachlor	n/a	<	0.05	µg/L	EPA 608.3	0.05	0.05	WKL	
MO-MEI	2021/22-3	Wet	3/28/2022 12:10:00 PM	4/10/2022 2:13:00 AM	Heptachlor epoxide	n/a	<	0.002	µg/L	EPA 608.3	0.002	0.05	WKL	
MO-MEI	2021/22-3	Wet	3/28/2022 12:10:00 PM	4/1/2022 8:11:00 PM	Malathion	n/a	<	0.015	µg/L	EPA 625.1m	0.015	0.02	WKL	
MO-MEI	2021/22-3	Wet	3/28/2022 12:10:00 PM	4/1/2022 8:11:00 PM	Merphos	n/a	<	0.012	µg/L	EPA 625.1m	0.012	0.02	WKL	
MO-MEI	2021/22-3	Wet	3/28/2022 12:10:00 PM	4/1/2022 8:11:00 PM	Methyl parathion	n/a	<	0.013	µg/L	EPA 625.1m	0.013	0.02	WKL	
MO-MEI	2021/22-3	Wet	3/28/2022 12:10:00 PM	3/31/2022 11:37:00 PM	Metolachlor	n/a	<	0.15	µg/L	EPA 525.2	0.15	0.5	WKL	
MO-MEI	2021/22-3	Wet	3/28/2022 12:10:00 PM	3/31/2022 11:37:00 PM	Metribuzin	n/a	<	0.15	µg/L	EPA 525.2	0.15	0.5	WKL	
MO-MEI	2021/22-3	Wet	3/28/2022 12:10:00 PM	4/1/2022 8:11:00 PM	Mevinphos	n/a	<	0.0084	µg/L	EPA 625.1m	0.0084	0.02	WKL	
MO-MEI	2021/22-3	Wet	3/28/2022 12:10:00 PM	3/31/2022 11:37:00 PM	Molinat	n/a	<	0.15	µg/L	EPA 525.2	0.15	0.5	WKL	
MO-MEI	2021/22-3	Wet	3/28/2022 12:10:00 PM	4/1/2022 8:11:00 PM	Naled	n/a	<	0.015	µg/L	EPA 625.1m	0.015	0.02	WKL	
MO-MEI	2021/22-3	Wet	3/28/2022 12:10:00 PM	4/29/2022 7:43:00 AM	Pentachlorophenol	n/a	DNQ	1.4	µg/L	EPA 8270C	0.3	2	WKL	
MO-MEI	2021/22-3	Wet	3/28/2022 12:10:00 PM	4/28/2022 3:01:00 AM	Pentachlorophenol	n/a	=	2	µg/L	EPA 625.1	0.8	2	WKL	
MO-MEI	2021/22-3	Wet	3/28/2022 12:10:00 PM	4/1/2022 4:38:00 AM	Pentachlorophenol	n/a	=	0.44	µg/L	EPA 515.4	0.046	0.2	WKL	
MO-MEI	2021/22-3	Wet	3/28/2022 12:10:00 PM	4/1/2022 8:11:00 PM	Phorate	n/a	<	0.006	µg/L	EPA 625.1m	0.006	0.02	WKL	
MO-MEI	2021/22-3	Wet	3/28/2022 12:10:00 PM	4/1/2022 4:38:00 AM	Picloram	n/a	<	0.6	µg/L	EPA 515.4	0.6	0.6	WKL	
MO-MEI	2021/22-3	Wet	3/28/2022 12:10:00 PM	3/31/2022 11:37:00 PM	Prometryn	n/a	<	0.15	µg/L	EPA 525.2	0.15	0.5	WKL	
MO-MEI	2021/22-3	Wet	3/28/2022 12:10:00 PM	4/1/2022 8:11:00 PM	Ronnel (Fenclorophos)	n/a	<	0.0082	µg/L	EPA 625.1m	0.0082	0.02	WKL	
MO-MEI	2021/22-3	Wet	3/28/2022 12:10:00 PM	3/31/2022 11:37:00 PM	Simazine	n/a	<	0.1	µg/L	EPA 525.2	0.1	0.5	WKL	
MO-MEI	2021/22-3	Wet	3/28/2022 12:10:00 PM	4/1/2022 8:11:00 PM	Stirophos (Tetrachlorvinphos)	n/a	<	0.0062	µg/L	EPA 625.1m	0.0062	0.02	WKL	
MO-MEI	2021/22-3	Wet	3/28/2022 12:10:00 PM	3/31/2022 11:37:00 PM	Terbacil	n/a	<	0.45	µg/L	EPA 525.2	0.45	10	WKL	
MO-MEI	2021/22-3	Wet	3/28/2022 12:10:00 PM	3/31/2022 11:37:00 PM	Thiobencarb	n/a	<	0.15	µg/L	EPA 525.2	0.15	0.5	WKL	
MO-MEI	2021/22-3	Wet	3/28/2022 12:10:00 PM	4/1/2022 8:11:00 PM	Toxuthion	n/a	<	0.016	µg/L	EPA 625.1m	0.016	0.02	WKL	
MO-MEI	2021/22-3	Wet	3/28/2022 12:10:00 PM	4/10/2022 2:13:00 AM	Toxaphene	n/a	<	5	µg/L	EPA 608.3	5	5	WKL	
MO-MEI	2021/22-3	Wet	3/28/2022 12:10:00 PM	4/1/2022 8:11:00 PM	Trichloronate	n/a	<	0.013	µg/L	EPA 625.1m	0.013	0.02	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-MEI	2021/22-3	Wet	3/28/2022 12:10:00 PM	3/31/2022 11:37:00 PM	Trithion	n/a	<	0.1	µg/L	EPA 525.2	0.1	0.5	WKL	
MO-MPK	2021/22-1	Wet	10/25/2021 12:10:00 PM	10/26/2021 1:35:00 PM	E. Coli	n/a	=	14136	MPN/100 mL	MMO-MUG	10	10	FGL	
MO-MPK	2021/22-1	Wet	10/25/2021 12:10:00 PM	10/26/2021 1:35:00 PM	Total Coliform	n/a	=	1299700	MPN/100 mL	MMO-MUG	1000	1000	FGL	
MO-MPK	2021/22-1	Wet	10/25/2021 12:10:00 PM	10/25/2021 12:10:00 PM	Conductivity	n/a	=	175.5	µmhos/cm	Field Meter	-88	1	Field Crew	
MO-MPK	2021/22-1	Wet	10/25/2021 12:10:00 PM	10/28/2021 2:40:00 PM	Cyanide	Total	=	0.0037	mg/L	ASTM D7511	0.0012	0.002	WKL	
MO-MPK	2021/22-1	Wet	10/25/2021 12:10:00 PM	10/25/2021 12:10:00 PM	DO	n/a	=	9.67	mg/L	Field Meter	-88	0.3	Field Crew	
MO-MPK	2021/22-1	Wet	10/25/2021 12:10:00 PM	10/25/2021 12:10:00 PM	DO	n/a	=	100.2	%	Field Meter	-88	0.1	Field Crew	
MO-MPK	2021/22-1	Wet	10/25/2021 12:10:00 PM	10/25/2021 12:10:00 PM	pH	n/a	=	7.5	pH Units	Field Meter	-88	0.01	Field Crew	
MO-MPK	2021/22-1	Wet	10/25/2021 12:10:00 PM	10/25/2021 12:10:00 PM	Salinity	n/a	=	100	mg/L	Field Meter	-88	100	Field Crew	
MO-MPK	2021/22-1	Wet	10/25/2021 12:10:00 PM	10/25/2021 12:10:00 PM	Specific Conductance	n/a	=	210.8	µmhos/cm	Field Meter	-88	1	Field Crew	
MO-MPK	2021/22-1	Wet	10/25/2021 12:10:00 PM	10/25/2021 12:10:00 PM	Temperature	n/a	=	25	°C	Field Meter	-88	0.1	Field Crew	
MO-MPK	2021/22-1	Wet	10/25/2021 12:10:00 PM	10/31/2021 8:06:00 PM	Gasoline Range Organics	n/a	<	0.065	mg/L	EPA 8260B	0.065	0.1	WKL	
MO-MPK	2021/22-1	Wet	10/25/2021 12:10:00 PM	11/15/2021 5:14:00 PM	Oil and Grease	n/a	DNQ	1.7	mg/L	EPA 1664B	1.3	5	WKL	
MO-MPK	2021/22-1	Wet	10/25/2021 12:10:00 PM	10/28/2021 1:17:00 PM	2-Chloroethyl vinyl ether	n/a	<	0.95	µg/L	EPA 624.1	0.95	5	WKL	DG
MO-MPK	2021/22-1	Wet	10/25/2021 12:10:00 PM	10/28/2021 1:17:00 PM	Methyl tert-butyl ether (MTBE)	n/a	<	2	µg/L	EPA 624.1	2	5	WKL	DG
MO-MPK	2021/22-1	Wet	10/26/2021 7:15:00 AM	11/13/2021 8:12:00 AM	Chloride	n/a	=	24	mg/L	EPA 300.0	0.38	1	WKL	
MO-MPK	2021/22-1	Wet	10/26/2021 7:15:00 AM	11/13/2021 8:12:00 AM	Fluoride	n/a	DNQ	0.16	mg/L	EPA 300.0	0.018	0.2	WKL	
MO-MPK	2021/22-1	Wet	10/26/2021 7:15:00 AM	10/31/2021 2:11:00 AM	Perchlorate	n/a	<	2	µg/L	EPA 314.0	2	10	WKL	
MO-MPK	2021/22-1	Wet	10/26/2021 7:15:00 AM	11/17/2021 7:49:00 PM	Calcium	Total	=	46.4	mg/L	EPA 200.7	0.16	0.5	WKL	
MO-MPK	2021/22-1	Wet	10/26/2021 7:15:00 AM	11/17/2021 7:49:00 PM	Magnesium	Total	=	11.1	mg/L	EPA 200.7	0.039	0.5	WKL	
MO-MPK	2021/22-1	Wet	10/26/2021 7:15:00 AM	10/29/2021 6:36:00 PM	Alkalinity as CaCO3	n/a	=	66	mg/L	SM 2320 B	2.3	5	WKL	
MO-MPK	2021/22-1	Wet	10/26/2021 7:15:00 AM	11/1/2021 6:12:00 PM	BOD	n/a	=	20	mg/L	SM 5210 B	2	2	WKL	
MO-MPK	2021/22-1	Wet	10/26/2021 7:15:00 AM	11/10/2021 11:23:00 AM	COD	n/a	=	150	mg/L	EPA 410.4	2.9	5	WKL	
MO-MPK	2021/22-1	Wet	10/26/2021 7:15:00 AM	11/17/2021 7:49:00 PM	Hardness as CaCO3	Total	=	162	mg/L	EPA 200.7	0.56	3.31	WKL	
MO-MPK	2021/22-1	Wet	10/26/2021 7:15:00 AM	10/27/2021 7:19:00 PM	MBAS	n/a	DNQ	0.032	mg/L	SM 5540 C	0.013	0.05	WKL	
MO-MPK	2021/22-1	Wet	10/26/2021 7:15:00 AM	11/9/2021 11:59:00 AM	Phenolics	n/a	=	0.058	mg/L	EPA 420.4	0.0042	0.01	WKL	
MO-MPK	2021/22-1	Wet	10/26/2021 7:15:00 AM	10/30/2021 12:05:00 PM	Specific Conductance	n/a	=	340	µmhos/cm	SM 2510 B	1.1	2	WKL	
MO-MPK	2021/22-1	Wet	10/26/2021 7:15:00 AM	10/31/2021 1:00:00 PM	Total Dissolved Solids	n/a	=	220	mg/L	SM 2540 C	4	10	WKL	
MO-MPK	2021/22-1	Wet	10/26/2021 7:15:00 AM	11/5/2021 2:19:00 PM	Total Organic Carbon	n/a	=	19	mg/L	SM 5310 B	0.19	0.3	WKL	
MO-MPK	2021/22-1	Wet	10/26/2021 7:15:00 AM	10/28/2021 7:27:00 PM	Total Suspended Solids	n/a	=	820	mg/L	SM 2540 D	-88	5	WKL	
MO-MPK	2021/22-1	Wet	10/26/2021 7:15:00 AM	10/26/2021 5:17:00 PM	Turbidity	n/a	=	260	NTU	EPA 180.1	0.17	1	WKL	
MO-MPK	2021/22-1	Wet	10/26/2021 7:15:00 AM	10/28/2021 7:07:00 PM	Volatile Suspended Solids	n/a	=	130	mg/L	EPA 160.4	3.1	5	WKL	
MO-MPK	2021/22-1	Wet	10/26/2021 7:15:00 AM	11/19/2021 8:01:00 AM	Diesel Range Organics	n/a	=	0.81	mg/L	EPA 8015B	0.072	0.1	WKL	EST-LCSRPD
MO-MPK	2021/22-1	Wet	10/26/2021 7:15:00 AM	11/19/2021 8:01:00 AM	Oil Range Organics	n/a	<	0.33	mg/L	EPA 8015B	0.33	0.5	WKL	
MO-MPK	2021/22-1	Wet	10/26/2021 7:15:00 AM	11/12/2021 6:26:00 PM	Aluminum	Dissolved	=	33	µg/L	EPA 200.8	4.4	20	WKL	
MO-MPK	2021/22-1	Wet	10/26/2021 7:15:00 AM	11/12/2021 6:29:00 PM	Aluminum	Total	=	13000	µg/L	EPA 200.8	4.4	20	WKL	
MO-MPK	2021/22-1	Wet	10/26/2021 7:15:00 AM	11/12/2021 6:26:00 PM	Antimony	Dissolved	=	0.55	µg/L	EPA 200.8	0.089	0.5	WKL	
MO-MPK	2021/22-1	Wet	10/26/2021 7:15:00 AM	11/12/2021 6:29:00 PM	Antimony	Total	=	1	µg/L	EPA 200.8	0.089	0.5	WKL	
MO-MPK	2021/22-1	Wet	10/26/2021 7:15:00 AM	11/12/2021 6:26:00 PM	Arsenic	Dissolved	=	1.8	µg/L	EPA 200.8	0.074	0.4	WKL	
MO-MPK	2021/22-1	Wet	10/26/2021 7:15:00 AM	11/12/2021 6:29:00 PM	Arsenic	Total	=	6.2	µg/L	EPA 200.8	0.074	0.4	WKL	
MO-MPK	2021/22-1	Wet	10/26/2021 7:15:00 AM	11/12/2021 6:29:00 PM	Barium	Total	=	210	µg/L	EPA 200.8	0.14	1	WKL	
MO-MPK	2021/22-1	Wet	10/26/2021 7:15:00 AM	11/12/2021 6:26:00 PM	Beryllium	Dissolved	<	0.062	µg/L	EPA 200.8	0.062	0.1	WKL	
MO-MPK	2021/22-1	Wet	10/26/2021 7:15:00 AM	11/12/2021 6:29:00 PM	Beryllium	Total	=	0.49	µg/L	EPA 200.8	0.062	0.1	WKL	
MO-MPK	2021/22-1	Wet	10/26/2021 7:15:00 AM	11/12/2021 6:26:00 PM	Cadmium	Dissolved	DNQ	0.051	µg/L	EPA 200.8	0.042	0.2	WKL	
MO-MPK	2021/22-1	Wet	10/26/2021 7:15:00 AM	11/12/2021 6:29:00 PM	Cadmium	Total	=	1.1	µg/L	EPA 200.8	0.042	0.2	WKL	
MO-MPK	2021/22-1	Wet	10/26/2021 7:15:00 AM	11/12/2021 6:26:00 PM	Chromium	Dissolved	=	0.42	µg/L	EPA 200.8	0.089	0.2	WKL	
MO-MPK	2021/22-1	Wet	10/26/2021 7:15:00 AM	11/12/2021 6:29:00 PM	Chromium	Total	=	24	µg/L	EPA 200.8	0.089	0.2	WKL	
MO-MPK	2021/22-1	Wet	10/26/2021 7:15:00 AM	11/2/2021 5:08:00 PM	Chromium VI	n/a	=	0.18	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	2021/22-1	Wet	10/26/2021 7:15:00 AM	11/12/2021 6:26:00 PM	Copper	Dissolved	=	4.3	µg/L	EPA 200.8	0.23	0.5	WKL	
MO-MPK	2021/22-1	Wet	10/26/2021 7:15:00 AM	11/12/2021 6:29:00 PM	Copper	Total	=	34	µg/L	EPA 200.8	0.23	0.5	WKL	
MO-MPK	2021/22-1	Wet	10/26/2021 7:15:00 AM	11/12/2021 6:26:00 PM	Iron	Dissolved	=	82	µg/L	EPA 200.8	3.9	20	WKL	
MO-MPK	2021/22-1	Wet	10/26/2021 7:15:00 AM	11/12/2021 6:29:00 PM	Iron	Total	=	16000	µg/L	EPA 200.8	3.9	20	WKL	
MO-MPK	2021/22-1	Wet	10/26/2021 7:15:00 AM	11/12/2021 6:26:00 PM	Lead	Dissolved	=	0.22	µg/L	EPA 200.8	0.083	0.2	WKL	UL-MB
MO-MPK	2021/22-1	Wet	10/26/2021 7:15:00 AM	11/12/2021 6:29:00 PM	Lead	Total	=	20	µg/L	EPA 200.8	0.083	0.2	WKL	
MO-MPK	2021/22-1	Wet	10/26/2021 7:15:00 AM	11/5/2021 4:37:00 PM	Mercury	Dissolved	DNQ	24	ng/L	EPA 245.1	17	50	WKL	UL-MB
MO-MPK	2021/22-1	Wet	10/26/2021 7:15:00 AM	11/5/2021 4:39:00 PM	Mercury	Total	=	61	ng/L	EPA 245.1	17	50	WKL	UL-MB
MO-MPK	2021/22-1	Wet	10/26/2021 7:15:00 AM	11/12/2021 6:26:00 PM	Nickel	Dissolved	=	2.5	µg/L	EPA 200.8	0.16	2	WKL	
MO-MPK	2021/22-1	Wet	10/26/2021 7:15:00 AM	11/12/2021 6:29:00 PM	Nickel	Total	=	23	µg/L	EPA 200.8	0.16	2	WKL	
MO-MPK	2021/22-1	Wet	10/26/2021 7:15:00 AM	11/12/2021 6:26:00 PM	Selenium	Dissolved	=	1.1	µg/L	EPA 200.8	0.067	0.4	WKL	
MO-MPK	2021/22-1	Wet	10/26/2021 7:15:00 AM	11/12/2021 6:29:00 PM	Selenium	Total	=	1.3	µg/L	EPA 200.8	0.067	0.4	WKL	
MO-MPK	2021/22-1	Wet	10/26/2021 7:15:00 AM	11/12/2021 6:26:00 PM	Silver	Dissolved	<	0.03	µg/L	EPA 200.8	0.03	0.2	WKL	
MO-MPK	2021/22-1	Wet	10/26/2021 7:15:00 AM	11/12/2021 6:29:00 PM	Silver	Total	DNQ	0.086	µg/L	EPA 200.8	0.03	0.2	WKL	
MO-MPK	2021/22-1	Wet	10/26/2021 7:15:00 AM	11/12/2021 6:26:00 PM	Thallium	Dissolved	<	0.021	µg/L	EPA 200.8	0.021	0.2	WKL	
MO-MPK	2021/22-1	Wet	10/26/2021 7:15:00 AM	11/12/2021 6:29:00 PM	Thallium	Total	DNQ	0.17	µg/L	EPA 200.8	0.021	0.2	WKL	
MO-MPK	2021/22-1	Wet	10/26/2021 7:15:00 AM	11/12/2021 6:26:00 PM	Zinc	Dissolved	=	12	µg/L	EPA 200.8	0.8	10	WKL	
MO-MPK	2021/22-1	Wet	10/26/2021 7:15:00 AM	11/12/2021 6:29:00 PM	Zinc	Total	=	210	µg/L	EPA 200.8	0.8	10	WKL	
MO-MPK	2021/22-1	Wet	10/26/2021 7:15:00 AM	10/27/2021 4:54:00 PM	Ammonia as N	n/a	=	0.76	mg/L	EPA 350.1	0.047	0.1	WKL	
MO-MPK	2021/22-1	Wet	10/26/2021 7:15:00 AM	10/28/2021 4:55:00 PM	Nitrate + Nitrite as N	n/a	=	3.7	mg/L	EPA 353.2	0.036	0.2	WKL	
MO-MPK	2021/22-1	Wet	10/26/2021 7:15:00 AM	11/17/2021 7:46:00 PM	Phosphorus as P	Dissolved	=	0.54	mg/L	EPA 200.7	0.018	0.05	WKL	
MO-MPK	2021/22-1	Wet	10/26/2021 7:15:00 AM	11/17/2021 7:49:00 PM	Phosphorus as P	Total	=	1.9	mg/L	EPA 200.7	0.018	0.05	WKL	
MO-MPK	2021/22-1	Wet	10/26/2021 7:15:00 AM	11/9/2021 3:46:00 PM	TKN	n/a	=	6.4	mg/L	EPA 351.2	0.13	0.2	WKL	
MO-MPK	2021/22-1	Wet	10/26/2021 7:15:00 AM	11/23/2021	1,2,4-Trichlorobenzene	n/a	<	0.49	µg/L	EPA 625.1	0.49	1	WKL	
MO-MPK	2021/22-1	Wet	10/26/2021 7:15:00 AM	11/23/2021	1,2-Dichlorobenzene	n/a	<	0.46	µg/L	EPA 625.1	0.46	1	WKL	
MO-MPK	2021/22-1	Wet	10/26/2021 7:15:00 AM	11/23/2021	1,2-Diphenylhydrazine	n/a	<	0.3	µg/L	EPA 625.1	0.3	1	WKL	
MO-MPK	2021/22-1	Wet	10/26/2021 7:15:00 AM	11/23/2021	1,3-Dichlorobenzene	n/a	<	0.42	µg/L	EPA 625.1	0.42	1	WKL	
MO-MPK	2021/22-1	Wet	10/26/2021 7:15:00 AM	11/23/2021	1,4-Dichlorobenzene	n/a	<	0.48	µg/L	EPA 625.1	0.48	1	WKL	
MO-MPK	2021/22-1	Wet	10/26/2021 7:15:00 AM	11/17/2021 11:53:00 AM	1-Methylnaphthalene	n/a	<	0.024	µg/L	EPA 8270C	0.024	0.1	WKL	
MO-MPK	2021/22-1	Wet	10/26/2021 7:15:00 AM	11/20/2021 12:27:00 AM	2,4,5-Trichlorophenol	n/a	<	0.29	µg/L	EPA 8270C	0.29	1	WKL	
MO-MPK	2021/22-1	Wet	10/26/2021 7:15:00 AM	11/23/2021	2,4,6-Trichlorophenol	n/a	<	0.22	µg/L	EPA 625.1	0.22	1	WKL	
MO-MPK	2021/22-1	Wet	10/26/2021 7:15:00 AM	11/20/2021 12:27:00 AM	2,4,6-Trichlorophenol	n/a	<	0.3	µg/L	EPA 8270C	0.3	1	WKL	
MO-MPK	2021/22-1	Wet	10/26/2021 7:15:00 AM	11/23/2021	2,4-Dichlorophenol	n/a	<	0.26	µg/L	EPA 625.1	0.26	1	WKL	
MO-MPK	2021/22-1	Wet	10/26/2021 7:15:00 AM	11/20/2021 12:27:00 AM	2,4-Dichlorophenol	n/a	<	0.51	µg/L	EPA 8270C	0.51	1	WKL	
MO-MPK	2021/22-1	Wet	10/26/2021 7:15:00 AM	11/23/2021	2,4-Dimethylphenol	n/a	<	0.76	µg/L	EPA 625.1	0.76	1	WKL	
MO-MPK	2021/22-1	Wet	10/26/2021 7:15:00 AM	11/20/2021 12:27:00 AM	2,4-Dimethylphenol	n/a	<	1	µg/L	EPA 8270C	1	2	WKL	
MO-MPK	2021/22-1	Wet	10/26/2021 7:15:00 AM	11/20/2021 12:27:00 AM	2,4-Dinitrophenol	n/a	<	1	µg/L	EPA 8270C	1	2	WKL	
MO-MPK	2021/22-1	Wet	10/26/2021 7:15:00 AM	11/23/2021	2,4-Dinitrophenol	n/a	<	1.9	µg/L	EPA 625.1	1.9	10	WKL	
MO-MPK	2021/22-1	Wet	10/26/2021 7:15:00 AM	11/23/2021	2,4-Dinitrotoluene	n/a	<	0.46	µg/L	EPA 625.1	0.46	1	WKL	
MO-MPK	2021/22-1	Wet	10/26/2021 7:15:00 AM	11/23/2021	2,6-Dinitrotoluene	n/a	<	0.27	µg/L	EPA 625.1	0.27	1	WKL	
MO-MPK	2021/22-1	Wet	10/26/2021 7:15:00 AM	11/23/2021	2-Chloronaphthalene	n/a	<	0.45	µg/L	EPA 625.1	0.45	1	WKL	
MO-MPK	2021/22-1	Wet	10/26/2021 7:15:00 AM	11/23/2021	2-Chlorophenol	n/a	<	0.28	µg/L	EPA 625.1	0.28	1	WKL	
MO-MPK	2021/22-1	Wet	10/26/2021 7:15:00 AM	11/20/2021 12:27:00 AM	2-Chlorophenol	n/a	<	0.65	µg/L	EPA 8270C	0.65	1	WKL	
MO-MPK	2021/22-1	Wet	10/26/2021 7:15:00 AM	11/17/2021 11:53:00 AM	2-Methylnaphthalene	n/a	<	0.026	µg/L	EPA 8270C	0.026	0.1	WKL	
MO-MPK	2021/22-1	Wet	10/26/2021 7:15:00 AM	11/20/2021 12:27:00 AM	2-Methylphenol	n/a	<	0.34	µg/L	EPA 8270C	0.34	1	WKL	
MO-MPK	2021/22-1	Wet	10/26/2021 7:15:00 AM	11/23/2021	2-Nitrophenol	n/a	<	0.26	µg/L	EPA 625.1	0.26	1	WKL	
MO-MPK	2021/22-1	Wet	10/26/2021 7:15:00 AM	11/20/2021 12:27:00 AM	2-Nitrophenol	n/a	<	0.71	µg/L	EPA 8270C	0.71	1	WKL	
MO-MPK	2021/22-1	Wet	10/26/2021 7:15:00 AM	11/23/2021	3,3'-Dichlorobenzidine	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-MPK	2021/22-1	Wet	10/26/2021 7:15:00 AM	11/20/2021 12:27:00 AM	3-4-Methylphenol	n/a	<	0.3	µg/L	EPA 8270C	0.3	1	WKL	
MO-MPK	2021/22-1	Wet	10/26/2021 7:15:00 AM	11/20/2021 12:27:00 AM	4,6-Dinitro-2-methylphenol	n/a	<	0.14	µg/L	EPA 8270C	0.14	1	WKL	
MO-MPK	2021/22-1	Wet	10/26/2021 7:15:00 AM	11/23/2021	4,6-Dinitro-2-methylphenol	n/a	<	0.5	µg/L	EPA 625.1	0.5	5	WKL	
MO-MPK	2021/22-1	Wet	10/26/2021 7:15:00 AM	11/23/2021	4-Bromophenyl phenyl ether	n/a	<	0.36	µg/L	EPA 625.1	0.36	1	WKL	
MO-MPK	2021/22-1	Wet	10/26/2021 7:15:00 AM	11/23/2021	4-Chloro-3-methylphenol	n/a	<	0.23	µg/L	EPA 625.1	0.23	1	WKL	
MO-MPK	2021/22-1	Wet	10/26/2021 7:15:00 AM	11/20/2021 12:27:00 AM	4-Chloro-3-methylphenol	n/a	<	0.37	µg/L	EPA 8270C	0.37	1	WKL	
MO-MPK	2021/22-1	Wet	10/26/2021 7:15:00 AM	11/23/2021	4-Chlorophenyl phenyl ether	n/a	<	0.41	µg/L	EPA 625.1	0.41	1	WKL	
MO-MPK	2021/22-1	Wet	10/26/2021 7:15:00 AM	11/23/2021	4-Nitrophenol	n/a	<	1.2	µg/L	EPA 625.1	1.2	5	WKL	
MO-MPK	2021/22-1	Wet	10/26/2021 7:15:00 AM	11/20/2021 12:27:00 AM	4-Nitrophenol	n/a	<	1	µg/L	EPA 8270C	1	2	WKL	
MO-MPK	2021/22-1	Wet	10/26/2021 7:15:00 AM	11/23/2021	Acenaphthene	n/a	<	0.38	µg/L	EPA 625.1	0.38	1	WKL	
MO-MPK	2021/22-1	Wet	10/26/2021 7:15:00 AM	11/17/2021 11:53:00 AM	Acenaphthene	n/a	<	0.028	µg/L	EPA 8270C	0.028	0.1	WKL	
MO-MPK	2021/22-1	Wet	10/26/2021 7:15:00 AM	11/23/2021	Acenaphthylene	n/a	<	0.35	µg/L	EPA 625.1	0.35	1	WKL	
MO-MPK	2021/22-1	Wet	10/26/2021 7:15:00 AM	11/17/2021 11:53:00 AM	Acenaphthylene	n/a	<	0.033	µg/L	EPA 8270C	0.033	0.1	WKL	
MO-MPK	2021/22-1	Wet	10/26/2021 7:15:00 AM	11/23/2021	Anthracene	n/a	<	0.41	µg/L	EPA 625.1	0.41	1	WKL	
MO-MPK	2021/22-1	Wet	10/26/2021 7:15:00 AM	11/17/2021 11:53:00 AM	Anthracene	n/a	<	0.025	µg/L	EPA 8270C	0.025	0.1	WKL	
MO-MPK	2021/22-1	Wet	10/26/2021 7:15:00 AM	11/23/2021	Benz(a)anthracene	n/a	<	0.19	µg/L	EPA 625.1	0.19	1	WKL	
MO-MPK	2021/22-1	Wet	10/26/2021 7:15:00 AM	11/17/2021 11:53:00 AM	Benz(a)anthracene	n/a	<	0.051	µg/L	EPA 8270C	0.051	0.1	WKL	
MO-MPK	2021/22-1	Wet	10/26/2021 7:15:00 AM	11/23/2021	Benzidine	n/a	<	3.2	µg/L	EPA 625.1	3.2	10	WKL	
MO-MPK	2021/22-1	Wet	10/26/2021 7:15:00 AM	11/23/2021	Benzo(a)pyrene	n/a	<	0.39	µg/L	EPA 625.1	0.39	1	WKL	
MO-MPK	2021/22-1	Wet	10/26/2021 7:15:00 AM	11/17/2021 11:53:00 AM	Benzo(a)pyrene	n/a	<	0.051	µg/L	EPA 8270C	0.051	0.1	WKL	
MO-MPK	2021/22-1	Wet	10/26/2021 7:15:00 AM	11/10/2021 4:09:00 AM	Benzo(a)pyrene	n/a	<	0.02	µg/L	EPA 525.2	0.02	0.1	WKL	
MO-MPK	2021/22-1	Wet	10/26/2021 7:15:00 AM	11/17/2021 11:53:00 AM	Benzo(b)fluoranthene	n/a	<	0.074	µg/L	EPA 8270C	0.074	0.1	WKL	
MO-MPK	2021/22-1	Wet	10/26/2021 7:15:00 AM	11/23/2021	Benzo(b)fluoranthene	n/a	<	0.46	µg/L	EPA 625.1	0.46	1	WKL	
MO-MPK	2021/22-1	Wet	10/26/2021 7:15:00 AM	11/23/2021	Benzo(g,h,i)perylene	n/a	<	0.42	µg/L	EPA 625.1	0.42	2	WKL	
MO-MPK	2021/22-1	Wet	10/26/2021 7:15:00 AM	11/17/2021 11:53:00 AM	Benzo(g,h,i)perylene	n/a	<	0.05	µg/L	EPA 8270C	0.05	0.1	WKL	
MO-MPK	2021/22-1	Wet	10/26/2021 7:15:00 AM	11/23/2021	Benzo(k)fluoranthene	n/a	<	0.22	µg/L	EPA 625.1	0.22	1	WKL	
MO-MPK	2021/22-1	Wet	10/26/2021 7:15:00 AM	11/17/2021 11:53:00 AM	Benzo(k)fluoranthene	n/a	DNQ	0.026	µg/L	EPA 8270C	0.026	0.1	WKL	
MO-MPK	2021/22-1	Wet	10/26/2021 7:15:00 AM	11/23/2021	Bis(2-chloroethoxy)methane	n/a	<	0.25	µg/L	EPA 625.1	0.25	1	WKL	
MO-MPK	2021/22-1	Wet	10/26/2021 7:15:00 AM	11/23/2021	Bis(2-chloroethyl)ether	n/a	<	0.27	µg/L	EPA 625.1	0.27	1	WKL	
MO-MPK	2021/22-1	Wet	10/26/2021 7:15:00 AM	11/23/2021	Bis(2-chloroisopropyl)ether	n/a	<	0.38	µg/L	EPA 625.1	0.38	1	WKL	
MO-MPK	2021/22-1	Wet	10/26/2021 7:15:00 AM	11/10/2021 4:09:00 AM	Bis(2-ethylhexyl)adipate	n/a	<	0.42	µg/L	EPA 525.2	0.42	5	WKL	
MO-MPK	2021/22-1	Wet	10/26/2021 7:15:00 AM	11/23/2021	Bis(2-ethylhexyl)phthalate	n/a	<	2.3	µg/L	EPA 625.1	2.3	5	WKL	
MO-MPK	2021/22-1	Wet	10/26/2021 7:15:00 AM	11/10/2021 4:09:00 AM	Bis(2-ethylhexyl)phthalate	n/a	DNQ	0.45	µg/L	EPA 525.2	0.41	3	WKL	RPD, HB-LCSR
MO-MPK	2021/22-1	Wet	10/26/2021 7:15:00 AM	11/23/2021	Butyl benzyl phthalate	n/a	DNQ	0.51	µg/L	EPA 625.1	0.49	1	WKL	
MO-MPK	2021/22-1	Wet	10/26/2021 7:15:00 AM	11/23/2021	Chrysene	n/a	<	0.19	µg/L	EPA 625.1	0.19	1	WKL	
MO-MPK	2021/22-1	Wet	10/26/2021 7:15:00 AM	11/17/2021 11:53:00 AM	Chrysene	n/a	<	0.074	µg/L	EPA 8270C	0.074	0.1	WKL	
MO-MPK	2021/22-1	Wet	10/26/2021 7:15:00 AM	11/23/2021	Dibenz(a,h)anthracene	n/a	<	0.15	µg/L	EPA 625.1	0.15	2	WKL	
MO-MPK	2021/22-1	Wet	10/26/2021 7:15:00 AM	11/17/2021 11:53:00 AM	Dibenz(a,h)anthracene	n/a	DNQ	0.036	µg/L	EPA 8270C	0.036	0.1	WKL	
MO-MPK	2021/22-1	Wet	10/26/2021 7:15:00 AM	11/23/2021	Diethyl phthalate	n/a	<	0.35	µg/L	EPA 625.1	0.35	1	WKL	
MO-MPK	2021/22-1	Wet	10/26/2021 7:15:00 AM	11/23/2021	Dimethyl phthalate	n/a	<	0.18	µg/L	EPA 625.1	0.18	1	WKL	
MO-MPK	2021/22-1	Wet	10/26/2021 7:15:00 AM	11/23/2021	Di-n-butylphthalate	n/a	<	0.34	µg/L	EPA 625.1	0.34	1	WKL	
MO-MPK	2021/22-1	Wet	10/26/2021 7:15:00 AM	11/23/2021	Di-n-octylphthalate	n/a	<	0.46	µg/L	EPA 625.1	0.46	1	WKL	
MO-MPK	2021/22-1	Wet	10/26/2021 7:15:00 AM	11/17/2021 11:53:00 AM	Fluoranthene	n/a	<	0.039	µg/L	EPA 8270C	0.039	0.1	WKL	
MO-MPK	2021/22-1	Wet	10/26/2021 7:15:00 AM	11/23/2021	Fluoranthene	n/a	<	0.35	µg/L	EPA 625.1	0.35	1	WKL	
MO-MPK	2021/22-1	Wet	10/26/2021 7:15:00 AM	11/23/2021	Fluorene	n/a	<	0.35	µg/L	EPA 625.1	0.35	1	WKL	
MO-MPK	2021/22-1	Wet	10/26/2021 7:15:00 AM	11/17/2021 11:53:00 AM	Fluorene	n/a	<	0.029	µg/L	EPA 8270C	0.029	0.1	WKL	
MO-MPK	2021/22-1	Wet	10/26/2021 7:15:00 AM	11/23/2021	Hexachlorobenzene	n/a	<	0.49	µg/L	EPA 625.1	0.49	1	WKL	
MO-MPK	2021/22-1	Wet	10/26/2021 7:15:00 AM	11/23/2021	Hexachlorobutadiene	n/a	<	0.47	µg/L	EPA 625.1	0.47	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	2021/22-1	Wet	10/26/2021 7:15:00 AM	11/10/2021 4:09:00 AM	Hexachlorocyclopentadiene	n/a	<	0.092	µg/L	EPA 525.2	0.092	1	WKL	
MO-MPK	2021/22-1	Wet	10/26/2021 7:15:00 AM	11/23/2021	Hexachlorocyclopentadiene	n/a	<	0.31	µg/L	EPA 625.1	0.31	5	WKL	
MO-MPK	2021/22-1	Wet	10/26/2021 7:15:00 AM	11/23/2021	Hexachloroethane	n/a	<	0.5	µg/L	EPA 625.1	0.5	1	WKL	
MO-MPK	2021/22-1	Wet	10/26/2021 7:15:00 AM	11/23/2021	Indeno(1,2,3-cd)pyrene	n/a	<	0.25	µg/L	EPA 625.1	0.25	2	WKL	
MO-MPK	2021/22-1	Wet	10/26/2021 7:15:00 AM	11/17/2021 11:53:00 AM	Indeno(1,2,3-cd)pyrene	n/a	<	0.065	µg/L	EPA 8270C	0.065	0.1	WKL	
MO-MPK	2021/22-1	Wet	10/26/2021 7:15:00 AM	11/23/2021	Isophorone	n/a	<	0.21	µg/L	EPA 625.1	0.21	1	WKL	
MO-MPK	2021/22-1	Wet	10/26/2021 7:15:00 AM	11/23/2021	Naphthalene	n/a	<	0.49	µg/L	EPA 625.1	0.49	1	WKL	
MO-MPK	2021/22-1	Wet	10/26/2021 7:15:00 AM	11/17/2021 11:53:00 AM	Naphthalene	n/a	<	0.026	µg/L	EPA 8270C	0.026	0.1	WKL	
MO-MPK	2021/22-1	Wet	10/26/2021 7:15:00 AM	11/23/2021	Nitrobenzene	n/a	<	0.36	µg/L	EPA 625.1	0.36	1	WKL	
MO-MPK	2021/22-1	Wet	10/26/2021 7:15:00 AM	11/23/2021	N-Nitrosodimethylamine	n/a	<	0.5	µg/L	EPA 625.1	0.5	1	WKL	
MO-MPK	2021/22-1	Wet	10/26/2021 7:15:00 AM	11/23/2021	N-Nitrosodi-N-propylamine	n/a	<	0.26	µg/L	EPA 625.1	0.26	1	WKL	
MO-MPK	2021/22-1	Wet	10/26/2021 7:15:00 AM	11/23/2021	N-Nitrosodiphenylamine	n/a	<	0.19	µg/L	EPA 625.1	0.19	1	WKL	
MO-MPK	2021/22-1	Wet	10/26/2021 7:15:00 AM	11/17/2021 11:53:00 AM	Phenanthrene	n/a	<	0.029	µg/L	EPA 8270C	0.029	0.1	WKL	
MO-MPK	2021/22-1	Wet	10/26/2021 7:15:00 AM	11/23/2021	Phenanthrene	n/a	<	0.32	µg/L	EPA 625.1	0.32	1	WKL	
MO-MPK	2021/22-1	Wet	10/26/2021 7:15:00 AM	11/23/2021	Phenol	n/a	<	0.81	µg/L	EPA 625.1	0.81	1	WKL	
MO-MPK	2021/22-1	Wet	10/26/2021 7:15:00 AM	11/20/2021 12:27:00 AM	Phenol	n/a	<	0.35	µg/L	EPA 8270C	0.35	1	WKL	
MO-MPK	2021/22-1	Wet	10/26/2021 7:15:00 AM	11/23/2021	Pyrene	n/a	<	0.25	µg/L	EPA 625.1	0.25	1	WKL	
MO-MPK	2021/22-1	Wet	10/26/2021 7:15:00 AM	11/17/2021 11:53:00 AM	Pyrene	n/a	<	0.04	µg/L	EPA 8270C	0.04	0.1	WKL	
MO-MPK	2021/22-1	Wet	10/26/2021 7:15:00 AM	12/10/2021 11:21:00 PM	PCB Aroclor 1016	n/a	<	5	µg/L	EPA 608.3	5	5	WKL	
MO-MPK	2021/22-1	Wet	10/26/2021 7:15:00 AM	12/10/2021 11:21:00 PM	PCB Aroclor 1221	n/a	<	5	µg/L	EPA 608.3	5	5	WKL	
MO-MPK	2021/22-1	Wet	10/26/2021 7:15:00 AM	12/10/2021 11:21:00 PM	PCB Aroclor 1232	n/a	<	5	µg/L	EPA 608.3	5	5	WKL	
MO-MPK	2021/22-1	Wet	10/26/2021 7:15:00 AM	12/10/2021 11:21:00 PM	PCB Aroclor 1242	n/a	<	5	µg/L	EPA 608.3	5	5	WKL	
MO-MPK	2021/22-1	Wet	10/26/2021 7:15:00 AM	12/10/2021 11:21:00 PM	PCB Aroclor 1248	n/a	<	5	µg/L	EPA 608.3	5	5	WKL	
MO-MPK	2021/22-1	Wet	10/26/2021 7:15:00 AM	12/10/2021 11:21:00 PM	PCB Aroclor 1254	n/a	<	5	µg/L	EPA 608.3	5	5	WKL	
MO-MPK	2021/22-1	Wet	10/26/2021 7:15:00 AM	12/10/2021 11:21:00 PM	PCB Aroclor 1260	n/a	<	5	µg/L	EPA 608.3	5	5	WKL	
MO-MPK	2021/22-1	Wet	10/26/2021 7:15:00 AM	11/8/2021 3:02:00 AM	2,4,5-T	n/a	<	0.03	µg/L	EPA 515.4	0.03	0.2	WKL	
MO-MPK	2021/22-1	Wet	10/26/2021 7:15:00 AM	11/8/2021 3:02:00 AM	2,4,5-TP	n/a	<	0.026	µg/L	EPA 515.4	0.026	0.2	WKL	
MO-MPK	2021/22-1	Wet	10/26/2021 7:15:00 AM	11/8/2021 3:02:00 AM	2,4-D	n/a	<	0.14	µg/L	EPA 515.4	0.14	0.4	WKL	
MO-MPK	2021/22-1	Wet	10/26/2021 7:15:00 AM	11/8/2021 3:02:00 AM	2,4-DB	n/a	<	2	µg/L	EPA 515.4	2	2	WKL	
MO-MPK	2021/22-1	Wet	10/26/2021 7:15:00 AM	11/8/2021 3:02:00 AM	3,5-Dichlorobenzoic acid	n/a	<	0.12	µg/L	EPA 515.4	0.12	1	WKL	
MO-MPK	2021/22-1	Wet	10/26/2021 7:15:00 AM	12/10/2021 11:21:00 PM	4,4'-DDD	n/a	<	0.0035	µg/L	EPA 608.3	0.0035	0.25	WKL	
MO-MPK	2021/22-1	Wet	10/26/2021 7:15:00 AM	12/10/2021 11:21:00 PM	4,4'-DDE	n/a	DNQ	0.054	µg/L	EPA 608.3	0.0035	0.25	WKL	
MO-MPK	2021/22-1	Wet	10/26/2021 7:15:00 AM	12/10/2021 11:21:00 PM	4,4'-DDT	n/a	<	0.25	µg/L	EPA 608.3	0.25	0.25	WKL	
MO-MPK	2021/22-1	Wet	10/26/2021 7:15:00 AM	11/8/2021 3:02:00 AM	Acifluorfen	n/a	<	0.4	µg/L	EPA 515.4	0.4	0.4	WKL	
MO-MPK	2021/22-1	Wet	10/26/2021 7:15:00 AM	11/10/2021 4:09:00 AM	Alachlor	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1	WKL	
MO-MPK	2021/22-1	Wet	10/26/2021 7:15:00 AM	12/10/2021 11:21:00 PM	Aldrin	n/a	<	0.005	µg/L	EPA 608.3	0.005	0.025	WKL	
MO-MPK	2021/22-1	Wet	10/26/2021 7:15:00 AM	12/10/2021 11:21:00 PM	alpha-BHC	n/a	<	0.0055	µg/L	EPA 608.3	0.0055	0.05	WKL	
MO-MPK	2021/22-1	Wet	10/26/2021 7:15:00 AM	11/10/2021 4:09:00 AM	Atrazine	n/a	<	0.011	µg/L	EPA 525.2	0.011	0.1	WKL	
MO-MPK	2021/22-1	Wet	10/26/2021 7:15:00 AM	11/12/2021 11:03:00 PM	Azinphos methyl	n/a	<	0.028	µg/L	EPA 625.1m	0.028	0.05	WKL	
MO-MPK	2021/22-1	Wet	10/26/2021 7:15:00 AM	11/8/2021 3:02:00 AM	Bentazon	n/a	<	2	µg/L	EPA 515.4	2	2	WKL	
MO-MPK	2021/22-1	Wet	10/26/2021 7:15:00 AM	12/10/2021 11:21:00 PM	beta-BHC	n/a	<	0.0075	µg/L	EPA 608.3	0.0075	0.025	WKL	
MO-MPK	2021/22-1	Wet	10/26/2021 7:15:00 AM	11/12/2021 11:03:00 PM	Bolstar	n/a	<	0.023	µg/L	EPA 625.1m	0.023	0.05	WKL	
MO-MPK	2021/22-1	Wet	10/26/2021 7:15:00 AM	11/10/2021 4:09:00 AM	Bromacil	n/a	<	2	µg/L	EPA 525.2	2	2	WKL	
MO-MPK	2021/22-1	Wet	10/26/2021 7:15:00 AM	11/10/2021 4:09:00 AM	Butachlor	n/a	<	0.012	µg/L	EPA 525.2	0.012	0.1	WKL	
MO-MPK	2021/22-1	Wet	10/26/2021 7:15:00 AM	11/10/2021 4:09:00 AM	Captan	n/a	<	0.32	µg/L	EPA 525.2	0.32	1	WKL	
MO-MPK	2021/22-1	Wet	10/26/2021 7:15:00 AM	12/10/2021 11:21:00 PM	Chlordane (technical)	n/a	<	0.22	µg/L	EPA 608.3	0.22	0.5	WKL	
MO-MPK	2021/22-1	Wet	10/26/2021 7:15:00 AM	11/10/2021 4:09:00 AM	Chlorpropham	n/a	<	0.04	µg/L	EPA 525.2	0.04	0.1	WKL	
MO-MPK	2021/22-1	Wet	10/26/2021 7:15:00 AM	11/12/2021 11:03:00 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-MPK	2021/22-1	Wet	10/26/2021 7:15:00 AM	11/12/2021 11:03:00 PM	Coumaphos	n/a	<	0.026	µg/L	EPA 625.1m	0.026	0.05	WKL	
MO-MPK	2021/22-1	Wet	10/26/2021 7:15:00 AM	11/8/2021 3:02:00 AM	Dalapon	n/a	<	0.11	µg/L	EPA 515.4	0.11	0.4	WKL	
MO-MPK	2021/22-1	Wet	10/26/2021 7:15:00 AM	11/8/2021 3:02:00 AM	DCPA (Dacthal)	n/a	=	0.7	µg/L	EPA 515.4	0.029	0.1	WKL	
MO-MPK	2021/22-1	Wet	10/26/2021 7:15:00 AM	12/10/2021 11:21:00 PM	delta-BHC	n/a	<	0.0095	µg/L	EPA 608.3	0.0095	0.025	WKL	
MO-MPK	2021/22-1	Wet	10/26/2021 7:15:00 AM	11/12/2021 11:03:00 PM	Demeton-O	n/a	<	0.05	µg/L	EPA 625.1m	0.05	0.05	WKL	
MO-MPK	2021/22-1	Wet	10/26/2021 7:15:00 AM	11/12/2021 11:03:00 PM	Demeton-S	n/a	<	0.05	µg/L	EPA 625.1m	0.05	0.05	WKL	
MO-MPK	2021/22-1	Wet	10/26/2021 7:15:00 AM	11/10/2021 4:09:00 AM	Diazinon	n/a	<	0.022	µg/L	EPA 525.2	0.022	0.1	WKL	
MO-MPK	2021/22-1	Wet	10/26/2021 7:15:00 AM	11/12/2021 11:03:00 PM	Diazinon	n/a	<	0.026	µg/L	EPA 625.1m	0.026	0.05	WKL	
MO-MPK	2021/22-1	Wet	10/26/2021 7:15:00 AM	11/8/2021 3:02:00 AM	Dicamba	n/a	<	0.049	µg/L	EPA 515.4	0.049	0.6	WKL	
MO-MPK	2021/22-1	Wet	10/26/2021 7:15:00 AM	11/8/2021 3:02:00 AM	Dichlorprop	n/a	<	0.12	µg/L	EPA 515.4	0.12	0.3	WKL	
MO-MPK	2021/22-1	Wet	10/26/2021 7:15:00 AM	11/12/2021 11:03:00 PM	Dichlorvos	n/a	<	0.014	µg/L	EPA 625.1m	0.014	0.05	WKL	
MO-MPK	2021/22-1	Wet	10/26/2021 7:15:00 AM	12/10/2021 11:21:00 PM	Dieldrin	n/a	<	0.004	µg/L	EPA 608.3	0.004	0.05	WKL	
MO-MPK	2021/22-1	Wet	10/26/2021 7:15:00 AM	11/10/2021 4:09:00 AM	Dimethoate	n/a	<	0.02	µg/L	EPA 525.2	0.02	0.2	WKL	
MO-MPK	2021/22-1	Wet	10/26/2021 7:15:00 AM	11/12/2021 11:03:00 PM	Dimethoate	n/a	<	0.031	µg/L	EPA 625.1m	0.031	0.05	WKL	
MO-MPK	2021/22-1	Wet	10/26/2021 7:15:00 AM	11/8/2021 3:02:00 AM	Dinoseb	n/a	<	0.4	µg/L	EPA 515.4	0.4	0.4	WKL	
MO-MPK	2021/22-1	Wet	10/26/2021 7:15:00 AM	11/10/2021 4:09:00 AM	Diphenamid	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1	WKL	
MO-MPK	2021/22-1	Wet	10/26/2021 7:15:00 AM	11/10/2021 4:09:00 AM	Disulfoton	n/a	<	0.015	µg/L	EPA 525.2	0.015	0.1	WKL	
MO-MPK	2021/22-1	Wet	10/26/2021 7:15:00 AM	11/12/2021 11:03:00 AM	Disulfoton	n/a	<	0.05	µg/L	EPA 625.1m	0.05	0.05	WKL	
MO-MPK	2021/22-1	Wet	10/26/2021 7:15:00 AM	12/10/2021 11:21:00 PM	Endosulfan I	n/a	<	0.0045	µg/L	EPA 608.3	0.0045	0.1	WKL	
MO-MPK	2021/22-1	Wet	10/26/2021 7:15:00 AM	12/10/2021 11:21:00 PM	Endosulfan II	n/a	<	0.0035	µg/L	EPA 608.3	0.0035	0.05	WKL	
MO-MPK	2021/22-1	Wet	10/26/2021 7:15:00 AM	12/10/2021 11:21:00 PM	Endosulfan sulfate	n/a	<	0.0065	µg/L	EPA 608.3	0.0065	0.25	WKL	
MO-MPK	2021/22-1	Wet	10/26/2021 7:15:00 AM	12/10/2021 11:21:00 PM	Endrin	n/a	<	0.0085	µg/L	EPA 608.3	0.0085	0.05	WKL	
MO-MPK	2021/22-1	Wet	10/26/2021 7:15:00 AM	12/10/2021 11:21:00 PM	Endrin aldehyde	n/a	<	0.0095	µg/L	EPA 608.3	0.0095	0.05	WKL	
MO-MPK	2021/22-1	Wet	10/26/2021 7:15:00 AM	11/10/2021 4:09:00 AM	EPTC	n/a	<	0.02	µg/L	EPA 525.2	0.02	0.1	WKL	
MO-MPK	2021/22-1	Wet	10/26/2021 7:15:00 AM	11/12/2021 11:03:00 PM	Ethoprop	n/a	<	0.034	µg/L	EPA 625.1m	0.034	0.05	WKL	
MO-MPK	2021/22-1	Wet	10/26/2021 7:15:00 AM	11/12/2021 11:03:00 PM	Ethyl parathion	n/a	<	0.027	µg/L	EPA 625.1m	0.027	0.05	WKL	
MO-MPK	2021/22-1	Wet	10/26/2021 7:15:00 AM	11/12/2021 11:03:00 PM	Fensulfthion	n/a	<	0.014	µg/L	EPA 625.1m	0.014	0.05	WKL	
MO-MPK	2021/22-1	Wet	10/26/2021 7:15:00 AM	11/12/2021 11:03:00 PM	Fenthion	n/a	<	0.019	µg/L	EPA 625.1m	0.019	0.05	WKL	
MO-MPK	2021/22-1	Wet	10/26/2021 7:15:00 AM	12/10/2021 11:21:00 PM	gamma-BHC (Lindane)	n/a	<	0.002	µg/L	EPA 608.3	0.002	0.1	WKL	
MO-MPK	2021/22-1	Wet	10/26/2021 7:15:00 AM	11/7/2021 11:32:00 PM	Glyphosate	n/a	DNQ	14	µg/L	EPA 547	2.1	25	BSKL	
MO-MPK	2021/22-1	Wet	10/26/2021 7:15:00 AM	12/10/2021 11:21:00 PM	Heptachlor	n/a	<	0.003	µg/L	EPA 608.3	0.003	0.05	WKL	
MO-MPK	2021/22-1	Wet	10/26/2021 7:15:00 AM	12/10/2021 11:21:00 PM	Heptachlor epoxide	n/a	<	0.002	µg/L	EPA 608.3	0.002	0.05	WKL	
MO-MPK	2021/22-1	Wet	10/26/2021 7:15:00 AM	11/12/2021 11:03:00 PM	Malathion	n/a	=	0.42	µg/L	EPA 625.1m	0.038	0.05	WKL	
MO-MPK	2021/22-1	Wet	10/26/2021 7:15:00 AM	11/12/2021 11:03:00 PM	Merphos	n/a	<	0.029	µg/L	EPA 625.1m	0.029	0.05	WKL	
MO-MPK	2021/22-1	Wet	10/26/2021 7:15:00 AM	11/12/2021 11:03:00 PM	Methyl parathion	n/a	<	0.032	µg/L	EPA 625.1m	0.032	0.05	WKL	
MO-MPK	2021/22-1	Wet	10/26/2021 7:15:00 AM	11/10/2021 4:09:00 AM	Metolachlor	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1	WKL	
MO-MPK	2021/22-1	Wet	10/26/2021 7:15:00 AM	11/10/2021 4:09:00 AM	Metribuzin	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1	WKL	
MO-MPK	2021/22-1	Wet	10/26/2021 7:15:00 AM	11/12/2021 11:03:00 PM	Mevinphos	n/a	<	0.021	µg/L	EPA 625.1m	0.021	0.05	WKL	
MO-MPK	2021/22-1	Wet	10/26/2021 7:15:00 AM	11/10/2021 4:09:00 AM	Molinate	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1	WKL	
MO-MPK	2021/22-1	Wet	10/26/2021 7:15:00 AM	11/12/2021 11:03:00 PM	Naled	n/a	<	0.038	µg/L	EPA 625.1m	0.038	0.05	WKL	
MO-MPK	2021/22-1	Wet	10/26/2021 7:15:00 AM	11/8/2021 3:02:00 AM	Pentachlorophenol	n/a	=	2.7	µg/L	EPA 515.4	0.046	0.2	WKL	
MO-MPK	2021/22-1	Wet	10/26/2021 7:15:00 AM	11/23/2021	Pentachlorophenol	n/a	=	1.2	µg/L	EPA 625.1	0.4	1	WKL	
MO-MPK	2021/22-1	Wet	10/26/2021 7:15:00 AM	11/20/2021 12:27:00 AM	Pentachlorophenol	n/a	DNQ	0.99	µg/L	EPA 8270C	0.15	1	WKL	EST-LCSRPD
MO-MPK	2021/22-1	Wet	10/26/2021 7:15:00 AM	11/12/2021 11:03:00 PM	Phorate	n/a	<	0.015	µg/L	EPA 625.1m	0.015	0.05	WKL	
MO-MPK	2021/22-1	Wet	10/26/2021 7:15:00 AM	11/8/2021 3:02:00 AM	Picloram	n/a	<	0.05	µg/L	EPA 515.4	0.05	0.6	WKL	
MO-MPK	2021/22-1	Wet	10/26/2021 7:15:00 AM	11/10/2021 4:09:00 AM	Prometryn	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1	WKL	
MO-MPK	2021/22-1	Wet	10/26/2021 7:15:00 AM	11/12/2021 11:03:00 PM	Ronnel (Fenchlorphos)	n/a	<	0.02	µg/L	EPA 625.1m	0.02	0.05	WKL	
MO-MPK	2021/22-1	Wet	10/26/2021 7:15:00 AM	11/10/2021 4:09:00 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-MPK	2021/22-1	Wet	10/26/2021 7:15:00 AM	11/12/2021 11:03:00 PM	Stirophos (Tetrachlorvinphos)	n/a	<	0.016	µg/L	EPA 625.1m	0.016	0.05	WKL	
MO-MPK	2021/22-1	Wet	10/26/2021 7:15:00 AM	11/10/2021 4:09:00 AM	Terbacil	n/a	<	0.09	µg/L	EPA 525.2	0.09	2	WKL	
MO-MPK	2021/22-1	Wet	10/26/2021 7:15:00 AM	11/10/2021 4:09:00 AM	Thiobencarb	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1	WKL	
MO-MPK	2021/22-1	Wet	10/26/2021 7:15:00 AM	11/12/2021 11:03:00 PM	Tokuthion	n/a	<	0.039	µg/L	EPA 625.1m	0.039	0.05	WKL	
MO-MPK	2021/22-1	Wet	10/26/2021 7:15:00 AM	12/10/2021 11:21:00 PM	Toxaphene	n/a	<	5	µg/L	EPA 608.3	5	5	WKL	
MO-MPK	2021/22-1	Wet	10/26/2021 7:15:00 AM	11/12/2021 11:03:00 PM	Trichloronate	n/a	<	0.034	µg/L	EPA 625.1m	0.034	0.05	WKL	
MO-MPK	2021/22-1	Wet	10/26/2021 7:15:00 AM	11/10/2021 4:09:00 AM	Trithion	n/a	<	0.02	µg/L	EPA 525.2	0.02	0.1	WKL	
MO-MPK	2021/22-2	Wet	12/14/2021 2:00:00 AM	12/15/2021 7:00:00 AM	E. Coli	n/a	=	57940	MPN/100 mL	MMO-MUG	100	100	VCHCA	
MO-MPK	2021/22-2	Wet	12/14/2021 2:00:00 AM	12/15/2021 7:00:00 AM	Total Coliform	n/a	=	365400	MPN/100 mL	MMO-MUG	1000	1000	VCHCA	
MO-MPK	2021/22-2	Wet	12/14/2021 2:00:00 AM	12/14/2021 2:00:00 AM	Conductivity	n/a	=	170.4	µmhos/cm	Field Meter	-88	1	Field Crew	
MO-MPK	2021/22-2	Wet	12/14/2021 2:00:00 AM	12/16/2021 3:55:00 PM	Cyanide	Total	<	0.0012	mg/L	ASTM D7511	0.0012	0.002	WKL	
MO-MPK	2021/22-2	Wet	12/14/2021 2:00:00 AM	12/14/2021 2:00:00 AM	DO	n/a	=	95.3	%	Field Meter	-88	0.1	Field Crew	
MO-MPK	2021/22-2	Wet	12/14/2021 2:00:00 AM	12/14/2021 2:00:00 AM	DO	n/a	=	10.26	mg/L	Field Meter	-88	0.3	Field Crew	
MO-MPK	2021/22-2	Wet	12/14/2021 2:00:00 AM	12/14/2021 2:00:00 AM	pH	n/a	=	7.76	pH Units	Field Meter	-88	0.01	Field Crew	
MO-MPK	2021/22-2	Wet	12/14/2021 2:00:00 AM	12/14/2021 2:00:00 AM	Salinity	n/a	=	100	mg/L	Field Meter	-88	100	Field Crew	
MO-MPK	2021/22-2	Wet	12/14/2021 2:00:00 AM	12/14/2021 2:00:00 AM	Specific Conductance	n/a	=	217.7	µmhos/cm	Field Meter	-88	1	Field Crew	
MO-MPK	2021/22-2	Wet	12/14/2021 2:00:00 AM	12/14/2021 2:00:00 AM	Temperature	n/a	=	12.2	°C	Field Meter	-88	0.1	Field Crew	
MO-MPK	2021/22-2	Wet	12/14/2021 2:00:00 AM	12/21/2021 2:00:00 AM	Gasoline Range Organics	n/a	DNQ	0.084	mg/L	EPA 8260B	0.065	0.1	WKL	
MO-MPK	2021/22-2	Wet	12/14/2021 2:00:00 AM	12/21/2021 4:20:00 PM	Oil and Grease	n/a	<	1.3	mg/L	EPA 1664B	1.3	5	WKL	
MO-MPK	2021/22-2	Wet	12/14/2021 2:00:00 AM	12/16/2021 5:16:00 PM	2-Chloroethyl vinyl ether	n/a	<	0.95	µg/L	EPA 624.1	0.95	5	WKL	DG
MO-MPK	2021/22-2	Wet	12/14/2021 2:00:00 AM	12/16/2021 5:16:00 PM	Methyl tert-butyl ether (MTBE)	n/a	<	2	µg/L	EPA 624.1	2	5	WKL	DG
MO-MPK	2021/22-2	Wet	12/14/2021 2:45:00 PM	12/16/2021 5:42:00 PM	Chloride	n/a	=	11	mg/L	EPA 300.0	0.38	1	WKL	
MO-MPK	2021/22-2	Wet	12/14/2021 2:45:00 PM	12/18/2021 3:46:00 AM	Fluoride	n/a	DNQ	0.078	mg/L	EPA 300.0	0.018	0.2	WKL	
MO-MPK	2021/22-2	Wet	12/14/2021 2:45:00 PM	12/19/2021 2:28:00 AM	Perchlorate	n/a	<	0.78	µg/L	EPA 314.0	0.78	4	WKL	
MO-MPK	2021/22-2	Wet	12/14/2021 2:45:00 PM	12/29/2021 7:05:00 PM	Calcium	Total	=	29.2	mg/L	EPA 200.7	0.16	0.5	WKL	
MO-MPK	2021/22-2	Wet	12/14/2021 2:45:00 PM	12/29/2021 7:05:00 PM	Magnesium	Total	=	7.96	mg/L	EPA 200.7	0.039	0.5	WKL	
MO-MPK	2021/22-2	Wet	12/14/2021 2:45:00 PM	12/20/2021 10:58:00 AM	Alkalinity as CaCO3	n/a	=	26	mg/L	SM 2320 B	2.3	5	WKL	
MO-MPK	2021/22-2	Wet	12/14/2021 2:45:00 PM	12/20/2021 7:25:00 PM	BOD	n/a	=	7.2	mg/L	SM 5210 B	2	2	WKL	
MO-MPK	2021/22-2	Wet	12/14/2021 2:45:00 PM	1/2/2022 11:33:00 AM	COD	n/a	=	63	mg/L	EPA 410.4	2.9	5	WKL	
MO-MPK	2021/22-2	Wet	12/14/2021 2:45:00 PM	12/29/2021 7:05:00 PM	Hardness as CaCO3	Total	=	106	mg/L	EPA 200.7	0.56	3.31	WKL	
MO-MPK	2021/22-2	Wet	12/14/2021 2:45:00 PM	12/15/2021 7:29:00 PM	MBAS	n/a	DNQ	0.017	mg/L	SM 5540 C	0.013	0.05	WKL	
MO-MPK	2021/22-2	Wet	12/14/2021 2:45:00 PM	1/2/2022 11:40:00 AM	Phenolics	n/a	DNQ	0.0078	mg/L	EPA 420.4	0.0068	0.01	WKL	
MO-MPK	2021/22-2	Wet	12/14/2021 2:45:00 PM	12/16/2021 2:01:00 PM	Specific Conductance	n/a	=	220	µmhos/cm	SM 2510 B	1.1	2	WKL	
MO-MPK	2021/22-2	Wet	12/14/2021 2:45:00 PM	12/21/2021 1:10:00 PM	Total Dissolved Solids	n/a	=	140	mg/L	SM 2540 C	4	10	WKL	
MO-MPK	2021/22-2	Wet	12/14/2021 2:45:00 PM	12/24/2021 5:02:00 AM	Total Organic Carbon	n/a	=	7.8	mg/L	SM 5310 B	0.19	0.3	WKL	
MO-MPK	2021/22-2	Wet	12/14/2021 2:45:00 PM	12/20/2021 7:00:00 PM	Total Suspended Solids	n/a	=	520	mg/L	SM 2540 D	-88	5	WKL	
MO-MPK	2021/22-2	Wet	12/14/2021 2:45:00 PM	12/15/2021 5:45:00 PM	Turbidity	n/a	=	120	NTU	EPA 180.1	1.7	10	WKL	
MO-MPK	2021/22-2	Wet	12/14/2021 2:45:00 PM	12/20/2021 7:00:00 PM	Volatile Suspended Solids	n/a	=	51	mg/L	EPA 160.4	3.1	5	WKL	
MO-MPK	2021/22-2	Wet	12/14/2021 2:45:00 PM	12/29/2021 11:44:00 PM	Diesel Range Organics	n/a	=	0.16	mg/L	EPA 8015B	0.072	0.1	WKL	EST-LCSRPD
MO-MPK	2021/22-2	Wet	12/14/2021 2:45:00 PM	12/29/2021 11:44:00 PM	Oil Range Organics	n/a	<	0.33	mg/L	EPA 8015B	0.33	0.5	WKL	
MO-MPK	2021/22-2	Wet	12/14/2021 2:45:00 PM	1/17/2022 6:56:00 PM	Aluminum	Dissolved	=	42	µg/L	EPA 200.8	4.4	20	WKL	
MO-MPK	2021/22-2	Wet	12/14/2021 2:45:00 PM	1/17/2022 8:14:00 PM	Aluminum	Total	=	13000	µg/L	EPA 200.8	22	100	WKL	
MO-MPK	2021/22-2	Wet	12/14/2021 2:45:00 PM	1/17/2022 6:56:00 PM	Antimony	Dissolved	DNQ	0.37	µg/L	EPA 200.8	0.089	0.5	WKL	
MO-MPK	2021/22-2	Wet	12/14/2021 2:45:00 PM	1/17/2022 6:59:00 PM	Antimony	Total	=	0.64	µg/L	EPA 200.8	0.089	0.5	WKL	
MO-MPK	2021/22-2	Wet	12/14/2021 2:45:00 PM	1/17/2022 6:56:00 PM	Arsenic	Dissolved	=	1.3	µg/L	EPA 200.8	0.074	0.4	WKL	
MO-MPK	2021/22-2	Wet	12/14/2021 2:45:00 PM	1/17/2022 6:59:00 PM	Arsenic	Total	=	4.9	µg/L	EPA 200.8	0.074	0.4	WKL	
MO-MPK	2021/22-2	Wet	12/14/2021 2:45:00 PM	1/17/2022 6:59:00 PM	Barium	Total	=	160	µg/L	EPA 200.8	0.14	1	WKL	
MO-MPK	2021/22-2	Wet	12/14/2021 2:45:00 PM	1/17/2022 6:56:00 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
MO-MPK	2021/22-2	Wet	12/14/2021 2:45:00 PM	1/17/2022 6:59:00 PM	Beryllium	Total	=	0.44	µg/L	EPA 200.8	0.062	0.1	WKL	
MO-MPK	2021/22-2	Wet	12/14/2021 2:45:00 PM	1/17/2022 6:56:00 PM	Cadmium	Dissolved	DNQ	0.047	µg/L	EPA 200.8	0.042	0.2	WKL	
MO-MPK	2021/22-2	Wet	12/14/2021 2:45:00 PM	1/17/2022 6:59:00 PM	Cadmium	Total	=	0.78	µg/L	EPA 200.8	0.042	0.2	WKL	
MO-MPK	2021/22-2	Wet	12/14/2021 2:45:00 PM	1/17/2022 6:56:00 PM	Chromium	Dissolved	=	0.43	µg/L	EPA 200.8	0.089	0.2	WKL	
MO-MPK	2021/22-2	Wet	12/14/2021 2:45:00 PM	1/17/2022 6:59:00 PM	Chromium	Total	=	24	µg/L	EPA 200.8	0.089	0.2	WKL	
MO-MPK	2021/22-2	Wet	12/14/2021 2:45:00 PM	12/20/2021 4:27:00 PM	Chromium VI	n/a	=	0.22	µg/L	EPA 218.6	0.0079	0.02	WKL	
MO-MPK	2021/22-2	Wet	12/14/2021 2:45:00 PM	1/17/2022 6:56:00 PM	Copper	Dissolved	=	3.4	µg/L	EPA 200.8	0.23	0.5	WKL	
MO-MPK	2021/22-2	Wet	12/14/2021 2:45:00 PM	1/17/2022 6:59:00 PM	Copper	Total	=	25	µg/L	EPA 200.8	0.23	0.5	WKL	
MO-MPK	2021/22-2	Wet	12/14/2021 2:45:00 PM	1/17/2022 6:56:00 PM	Iron	Dissolved	=	50	µg/L	EPA 200.8	3.9	20	WKL	
MO-MPK	2021/22-2	Wet	12/14/2021 2:45:00 PM	1/17/2022 8:14:00 PM	Iron	Total	=	17000	µg/L	EPA 200.8	20	100	WKL	
MO-MPK	2021/22-2	Wet	12/14/2021 2:45:00 PM	1/17/2022 6:56:00 PM	Lead	Dissolved	DNQ	0.089	µg/L	EPA 200.8	0.083	0.2	WKL	
MO-MPK	2021/22-2	Wet	12/14/2021 2:45:00 PM	1/17/2022 6:59:00 PM	Lead	Total	=	15	µg/L	EPA 200.8	0.083	0.2	WKL	
MO-MPK	2021/22-2	Wet	12/14/2021 2:45:00 PM	12/27/2021 3:13:00 PM	Mercury	Dissolved	<	17	ng/L	EPA 245.1	17	50	WKL	
MO-MPK	2021/22-2	Wet	12/14/2021 2:45:00 PM	12/27/2021 3:15:00 PM	Mercury	Total	DNQ	25	ng/L	EPA 245.1	17	50	WKL	
MO-MPK	2021/22-2	Wet	12/14/2021 2:45:00 PM	1/17/2022 6:56:00 PM	Nickel	Dissolved	DNQ	1.4	µg/L	EPA 200.8	0.16	2	WKL	
MO-MPK	2021/22-2	Wet	12/14/2021 2:45:00 PM	1/17/2022 6:59:00 PM	Nickel	Total	=	21	µg/L	EPA 200.8	0.16	2	WKL	
MO-MPK	2021/22-2	Wet	12/14/2021 2:45:00 PM	1/17/2022 6:56:00 PM	Selenium	Dissolved	=	1.6	µg/L	EPA 200.8	0.067	0.4	WKL	
MO-MPK	2021/22-2	Wet	12/14/2021 2:45:00 PM	1/17/2022 6:59:00 PM	Selenium	Total	=	1.6	µg/L	EPA 200.8	0.067	0.4	WKL	
MO-MPK	2021/22-2	Wet	12/14/2021 2:45:00 PM	1/17/2022 6:56:00 PM	Silver	Dissolved	<	0.03	µg/L	EPA 200.8	0.03	0.2	WKL	
MO-MPK	2021/22-2	Wet	12/14/2021 2:45:00 PM	1/17/2022 6:59:00 PM	Silver	Total	DNQ	0.069	µg/L	EPA 200.8	0.03	0.2	WKL	UL-MB
MO-MPK	2021/22-2	Wet	12/14/2021 2:45:00 PM	1/17/2022 6:56:00 PM	Thallium	Dissolved	<	0.021	µg/L	EPA 200.8	0.021	0.2	WKL	
MO-MPK	2021/22-2	Wet	12/14/2021 2:45:00 PM	1/17/2022 6:59:00 PM	Thallium	Total	DNQ	0.16	µg/L	EPA 200.8	0.021	0.2	WKL	
MO-MPK	2021/22-2	Wet	12/14/2021 2:45:00 PM	1/17/2022 6:56:00 PM	Zinc	Dissolved	DNQ	6	µg/L	EPA 200.8	0.8	10	WKL	
MO-MPK	2021/22-2	Wet	12/14/2021 2:45:00 PM	1/17/2022 6:59:00 PM	Zinc	Total	=	110	µg/L	EPA 200.8	0.8	10	WKL	
MO-MPK	2021/22-2	Wet	12/14/2021 2:45:00 PM	12/29/2021 3:26:00 PM	Ammonia as N	n/a	=	0.31	mg/L	EPA 350.1	0.017	0.1	WKL	
MO-MPK	2021/22-2	Wet	12/14/2021 2:45:00 PM	1/10/2022 4:55:00 PM	Nitrate + Nitrite as N	n/a	=	5.8	mg/L	EPA 353.2	0.036	0.2	WKL	
MO-MPK	2021/22-2	Wet	12/14/2021 2:45:00 PM	12/29/2021 7:02:00 PM	Phosphorus as P	Dissolved	=	0.35	mg/L	EPA 200.7	0.018	0.05	WKL	
MO-MPK	2021/22-2	Wet	12/14/2021 2:45:00 PM	12/29/2021 7:05:00 PM	Phosphorus as P	Total	=	1.2	mg/L	EPA 200.7	0.018	0.05	WKL	
MO-MPK	2021/22-2	Wet	12/14/2021 2:45:00 PM	1/6/2022 6:12:00 PM	TKN	n/a	=	2.4	mg/L	EPA 351.2	0.26	0.4	WKL	
MO-MPK	2021/22-2	Wet	12/14/2021 2:45:00 PM	1/19/2022 1:48:00 AM	1,2,4-Trichlorobenzene	n/a	<	0.49	µg/L	EPA 625.1	0.49	1	WKL	
MO-MPK	2021/22-2	Wet	12/14/2021 2:45:00 PM	1/19/2022 1:48:00 AM	1,2-Dichlorobenzene	n/a	<	0.46	µg/L	EPA 625.1	0.46	1	WKL	
MO-MPK	2021/22-2	Wet	12/14/2021 2:45:00 PM	1/19/2022 1:48:00 AM	1,2-Diphenylhydrazine	n/a	<	0.3	µg/L	EPA 625.1	0.3	1	WKL	
MO-MPK	2021/22-2	Wet	12/14/2021 2:45:00 PM	1/19/2022 1:48:00 AM	1,3-Dichlorobenzene	n/a	<	0.42	µg/L	EPA 625.1	0.42	1	WKL	
MO-MPK	2021/22-2	Wet	12/14/2021 2:45:00 PM	1/19/2022 1:48:00 AM	1,4-Dichlorobenzene	n/a	<	0.48	µg/L	EPA 625.1	0.48	1	WKL	
MO-MPK	2021/22-2	Wet	12/14/2021 2:45:00 PM	1/15/2022 1:51:00 PM	1-Methylnaphthalene	n/a	<	0.024	µg/L	EPA 8270C	0.024	0.1	WKL	
MO-MPK	2021/22-2	Wet	12/14/2021 2:45:00 PM	1/14/2022 7:33:00 AM	2,4,5-Trichlorophenol	n/a	<	0.29	µg/L	EPA 8270C	0.29	1	WKL	
MO-MPK	2021/22-2	Wet	12/14/2021 2:45:00 PM	1/19/2022 1:48:00 AM	2,4,6-Trichlorophenol	n/a	<	0.22	µg/L	EPA 625.1	0.22	1	WKL	
MO-MPK	2021/22-2	Wet	12/14/2021 2:45:00 PM	1/14/2022 7:33:00 AM	2,4,6-Trichlorophenol	n/a	<	0.3	µg/L	EPA 8270C	0.3	1	WKL	
MO-MPK	2021/22-2	Wet	12/14/2021 2:45:00 PM	1/19/2022 1:48:00 AM	2,4-Dichlorophenol	n/a	<	0.26	µg/L	EPA 625.1	0.26	1	WKL	
MO-MPK	2021/22-2	Wet	12/14/2021 2:45:00 PM	1/14/2022 7:33:00 AM	2,4-Dichlorophenol	n/a	<	0.51	µg/L	EPA 8270C	0.51	1	WKL	
MO-MPK	2021/22-2	Wet	12/14/2021 2:45:00 PM	1/19/2022 1:48:00 AM	2,4-Dimethylphenol	n/a	<	0.76	µg/L	EPA 625.1	0.76	1	WKL	LCSRPD, LB-L
MO-MPK	2021/22-2	Wet	12/14/2021 2:45:00 PM	1/14/2022 7:33:00 AM	2,4-Dimethylphenol	n/a	<	1	µg/L	EPA 8270C	1	2	WKL	EST-LCSRPD
MO-MPK	2021/22-2	Wet	12/14/2021 2:45:00 PM	1/19/2022 1:48:00 AM	2,4-Dinitrophenol	n/a	<	1.9	µg/L	EPA 625.1	1.9	10	WKL	
MO-MPK	2021/22-2	Wet	12/14/2021 2:45:00 PM	1/14/2022 7:33:00 AM	2,4-Dinitrophenol	n/a	<	1	µg/L	EPA 8270C	1	2	WKL	
MO-MPK	2021/22-2	Wet	12/14/2021 2:45:00 PM	1/19/2022 1:48:00 AM	2,4-Dinitrotoluene	n/a	<	0.46	µg/L	EPA 625.1	0.46	1	WKL	
MO-MPK	2021/22-2	Wet	12/14/2021 2:45:00 PM	1/19/2022 1:48:00 AM	2,6-Dinitrotoluene	n/a	<	0.27	µg/L	EPA 625.1	0.27	1	WKL	
MO-MPK	2021/22-2	Wet	12/14/2021 2:45:00 PM	1/19/2022 1:48:00 AM	2-Chloronaphthalene	n/a	<	0.45	µg/L	EPA 625.1	0.45	1	WKL	
MO-MPK	2021/22-2	Wet	12/14/2021 2:45:00 PM	1/19/2022 1:48:00 AM	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
MO-MPK	2021/22-2	Wet	12/14/2021 2:45:00 PM	1/14/2022 7:33:00 AM	2-Chlorophenol	n/a	<	0.65	µg/L	EPA 8270C	0.65	1	WKL	
MO-MPK	2021/22-2	Wet	12/14/2021 2:45:00 PM	1/15/2022 1:51:00 PM	2-Methylnaphthalene	n/a	<	0.026	µg/L	EPA 8270C	0.026	0.1	WKL	
MO-MPK	2021/22-2	Wet	12/14/2021 2:45:00 PM	1/14/2022 7:33:00 AM	2-Methylphenol	n/a	<	0.34	µg/L	EPA 8270C	0.34	1	WKL	
MO-MPK	2021/22-2	Wet	12/14/2021 2:45:00 PM	1/19/2022 1:48:00 AM	2-Nitrophenol	n/a	<	0.26	µg/L	EPA 625.1	0.26	1	WKL	
MO-MPK	2021/22-2	Wet	12/14/2021 2:45:00 PM	1/14/2022 7:33:00 AM	2-Nitrophenol	n/a	<	0.71	µg/L	EPA 8270C	0.71	1	WKL	
MO-MPK	2021/22-2	Wet	12/14/2021 2:45:00 PM	1/19/2022 1:48:00 AM	3,3'-Dichlorobenzidine	n/a	<	2.5	µg/L	EPA 625.1	2.5	5	WKL	
MO-MPK	2021/22-2	Wet	12/14/2021 2:45:00 PM	1/14/2022 7:33:00 AM	3-/4-Methylphenol	n/a	<	0.3	µg/L	EPA 8270C	0.3	1	WKL	
MO-MPK	2021/22-2	Wet	12/14/2021 2:45:00 PM	1/19/2022 1:48:00 AM	4,6-Dinitro-2-methylphenol	n/a	<	0.5	µg/L	EPA 625.1	0.5	5	WKL	
MO-MPK	2021/22-2	Wet	12/14/2021 2:45:00 PM	1/14/2022 7:33:00 AM	4,6-Dinitro-2-methylphenol	n/a	DNQ	0.44	µg/L	EPA 8270C	0.14	1	WKL	
MO-MPK	2021/22-2	Wet	12/14/2021 2:45:00 PM	1/19/2022 1:48:00 AM	4-Bromophenyl phenyl ether	n/a	<	0.36	µg/L	EPA 625.1	0.36	1	WKL	
MO-MPK	2021/22-2	Wet	12/14/2021 2:45:00 PM	1/19/2022 1:48:00 AM	4-Chloro-3-methylphenol	n/a	<	0.23	µg/L	EPA 625.1	0.23	1	WKL	
MO-MPK	2021/22-2	Wet	12/14/2021 2:45:00 PM	1/14/2022 7:33:00 AM	4-Chloro-3-methylphenol	n/a	<	0.37	µg/L	EPA 8270C	0.37	1	WKL	
MO-MPK	2021/22-2	Wet	12/14/2021 2:45:00 PM	1/19/2022 1:48:00 AM	4-Chlorophenyl phenyl ether	n/a	<	0.41	µg/L	EPA 625.1	0.41	1	WKL	
MO-MPK	2021/22-2	Wet	12/14/2021 2:45:00 PM	1/19/2022 1:48:00 AM	4-Nitrophenol	n/a	<	1.2	µg/L	EPA 625.1	1.2	5	WKL	
MO-MPK	2021/22-2	Wet	12/14/2021 2:45:00 PM	1/14/2022 7:33:00 AM	4-Nitrophenol	n/a	<	1	µg/L	EPA 8270C	1	2	WKL	
MO-MPK	2021/22-2	Wet	12/14/2021 2:45:00 PM	1/19/2022 1:48:00 AM	Acenaphthene	n/a	<	0.38	µg/L	EPA 625.1	0.38	1	WKL	
MO-MPK	2021/22-2	Wet	12/14/2021 2:45:00 PM	1/15/2022 1:51:00 PM	Acenaphthene	n/a	<	0.028	µg/L	EPA 8270C	0.028	0.1	WKL	
MO-MPK	2021/22-2	Wet	12/14/2021 2:45:00 PM	1/19/2022 1:48:00 AM	Acenaphthylene	n/a	<	0.35	µg/L	EPA 625.1	0.35	1	WKL	
MO-MPK	2021/22-2	Wet	12/14/2021 2:45:00 PM	1/15/2022 1:51:00 PM	Acenaphthylene	n/a	<	0.033	µg/L	EPA 8270C	0.033	0.1	WKL	
MO-MPK	2021/22-2	Wet	12/14/2021 2:45:00 PM	1/19/2022 1:48:00 AM	Anthracene	n/a	<	0.41	µg/L	EPA 625.1	0.41	1	WKL	
MO-MPK	2021/22-2	Wet	12/14/2021 2:45:00 PM	1/15/2022 1:51:00 PM	Anthracene	n/a	<	0.025	µg/L	EPA 8270C	0.025	0.1	WKL	
MO-MPK	2021/22-2	Wet	12/14/2021 2:45:00 PM	1/19/2022 1:48:00 AM	Benz(a)anthracene	n/a	<	0.19	µg/L	EPA 625.1	0.19	1	WKL	
MO-MPK	2021/22-2	Wet	12/14/2021 2:45:00 PM	1/15/2022 1:51:00 PM	Benz(a)anthracene	n/a	<	0.051	µg/L	EPA 8270C	0.051	0.1	WKL	
MO-MPK	2021/22-2	Wet	12/14/2021 2:45:00 PM	1/19/2022 1:48:00 AM	Benzidine	n/a	<	3.2	µg/L	EPA 625.1	3.2	10	WKL	
MO-MPK	2021/22-2	Wet	12/14/2021 2:45:00 PM	12/23/2021 10:23:00 PM	Benzo(a)pyrene	n/a	DNQ	0.34	µg/L	EPA 525.2	0.2	1	WKL	
MO-MPK	2021/22-2	Wet	12/14/2021 2:45:00 PM	1/19/2022 1:48:00 AM	Benzo(a)pyrene	n/a	<	0.39	µg/L	EPA 625.1	0.39	1	WKL	
MO-MPK	2021/22-2	Wet	12/14/2021 2:45:00 PM	1/15/2022 1:51:00 PM	Benzo(a)pyrene	n/a	<	0.051	µg/L	EPA 8270C	0.051	0.1	WKL	
MO-MPK	2021/22-2	Wet	12/14/2021 2:45:00 PM	1/19/2022 1:48:00 AM	Benzo(b)fluoranthene	n/a	<	0.46	µg/L	EPA 625.1	0.46	1	WKL	
MO-MPK	2021/22-2	Wet	12/14/2021 2:45:00 PM	1/15/2022 1:51:00 PM	Benzo(b)fluoranthene	n/a	<	0.074	µg/L	EPA 8270C	0.074	0.1	WKL	
MO-MPK	2021/22-2	Wet	12/14/2021 2:45:00 PM	1/19/2022 1:48:00 AM	Benzo(g,h,i)perylene	n/a	<	0.42	µg/L	EPA 625.1	0.42	2	WKL	
MO-MPK	2021/22-2	Wet	12/14/2021 2:45:00 PM	1/15/2022 1:51:00 PM	Benzo(g,h,i)perylene	n/a	<	0.05	µg/L	EPA 8270C	0.05	0.1	WKL	
MO-MPK	2021/22-2	Wet	12/14/2021 2:45:00 PM	1/15/2022 1:51:00 PM	Benzo(k)fluoranthene	n/a	<	0.026	µg/L	EPA 8270C	0.026	0.1	WKL	
MO-MPK	2021/22-2	Wet	12/14/2021 2:45:00 PM	1/19/2022 1:48:00 AM	Benzo(k)fluoranthene	n/a	<	0.22	µg/L	EPA 625.1	0.22	1	WKL	
MO-MPK	2021/22-2	Wet	12/14/2021 2:45:00 PM	1/19/2022 1:48:00 AM	Bis(2-chloroethoxy)methane	n/a	<	0.25	µg/L	EPA 625.1	0.25	1	WKL	
MO-MPK	2021/22-2	Wet	12/14/2021 2:45:00 PM	1/19/2022 1:48:00 AM	Bis(2-chloroethyl)ether	n/a	<	0.27	µg/L	EPA 625.1	0.27	1	WKL	
MO-MPK	2021/22-2	Wet	12/14/2021 2:45:00 PM	1/19/2022 1:48:00 AM	Bis(2-chloroisopropyl)ether	n/a	<	0.38	µg/L	EPA 625.1	0.38	1	WKL	
MO-MPK	2021/22-2	Wet	12/14/2021 2:45:00 PM	12/23/2021 10:23:00 PM	Bis(2-ethylhexyl)adipate	n/a	<	4.2	µg/L	EPA 525.2	4.2	50	WKL	
MO-MPK	2021/22-2	Wet	12/14/2021 2:45:00 PM	12/23/2021 10:23:00 PM	Bis(2-ethylhexyl)phthalate	n/a	<	4.1	µg/L	EPA 525.2	4.1	30	WKL	
MO-MPK	2021/22-2	Wet	12/14/2021 2:45:00 PM	1/19/2022 1:48:00 AM	Bis(2-ethylhexyl)phthalate	n/a	<	2.3	µg/L	EPA 625.1	2.3	5	WKL	
MO-MPK	2021/22-2	Wet	12/14/2021 2:45:00 PM	1/19/2022 1:48:00 AM	Butyl benzyl phthalate	n/a	DNQ	0.65	µg/L	EPA 625.1	0.49	1	WKL	
MO-MPK	2021/22-2	Wet	12/14/2021 2:45:00 PM	1/15/2022 1:51:00 PM	Chrysene	n/a	<	0.074	µg/L	EPA 8270C	0.074	0.1	WKL	
MO-MPK	2021/22-2	Wet	12/14/2021 2:45:00 PM	1/19/2022 1:48:00 AM	Chrysene	n/a	<	0.19	µg/L	EPA 625.1	0.19	1	WKL	
MO-MPK	2021/22-2	Wet	12/14/2021 2:45:00 PM	1/19/2022 1:48:00 AM	Dibenz(a,h)anthracene	n/a	<	0.15	µg/L	EPA 625.1	0.15	2	WKL	
MO-MPK	2021/22-2	Wet	12/14/2021 2:45:00 PM	1/15/2022 1:51:00 PM	Dibenz(a,h)anthracene	n/a	<	0.036	µg/L	EPA 8270C	0.036	0.1	WKL	
MO-MPK	2021/22-2	Wet	12/14/2021 2:45:00 PM	1/19/2022 1:48:00 AM	Diethyl phthalate	n/a	<	0.35	µg/L	EPA 625.1	0.35	1	WKL	
MO-MPK	2021/22-2	Wet	12/14/2021 2:45:00 PM	1/19/2022 1:48:00 AM	Dimethyl phthalate	n/a	<	0.18	µg/L	EPA 625.1	0.18	1	WKL	
MO-MPK	2021/22-2	Wet	12/14/2021 2:45:00 PM	1/19/2022 1:48:00 AM	Di-n-butylphthalate	n/a	DNQ	0.49	µg/L	EPA 625.1	0.34	1	WKL	
MO-MPK	2021/22-2	Wet	12/14/2021 2:45:00 PM	1/19/2022 1:48:00 AM	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
MO-MPK	2021/22-2	Wet	12/14/2021 2:45:00 PM	1/19/2022 1:48:00 AM	Fluoranthene	n/a	<	0.35	µg/L	EPA 625.1	0.35	1	WKL	
MO-MPK	2021/22-2	Wet	12/14/2021 2:45:00 PM	1/15/2022 1:51:00 PM	Fluoranthene	n/a	<	0.039	µg/L	EPA 8270C	0.039	0.1	WKL	
MO-MPK	2021/22-2	Wet	12/14/2021 2:45:00 PM	1/19/2022 1:48:00 AM	Fluorene	n/a	<	0.35	µg/L	EPA 625.1	0.35	1	WKL	
MO-MPK	2021/22-2	Wet	12/14/2021 2:45:00 PM	1/15/2022 1:51:00 PM	Fluorene	n/a	<	0.029	µg/L	EPA 8270C	0.029	0.1	WKL	
MO-MPK	2021/22-2	Wet	12/14/2021 2:45:00 PM	1/19/2022 1:48:00 AM	Hexachlorobenzene	n/a	<	0.49	µg/L	EPA 625.1	0.49	1	WKL	
MO-MPK	2021/22-2	Wet	12/14/2021 2:45:00 PM	1/19/2022 1:48:00 AM	Hexachlorobutadiene	n/a	<	0.47	µg/L	EPA 625.1	0.47	1	WKL	
MO-MPK	2021/22-2	Wet	12/14/2021 2:45:00 PM	12/23/2021 10:23:00 PM	Hexachlorocyclopentadiene	n/a	<	0.92	µg/L	EPA 525.2	0.92	10	WKL	
MO-MPK	2021/22-2	Wet	12/14/2021 2:45:00 PM	1/19/2022 1:48:00 AM	Hexachlorocyclopentadiene	n/a	<	0.31	µg/L	EPA 625.1	0.31	5	WKL	
MO-MPK	2021/22-2	Wet	12/14/2021 2:45:00 PM	1/19/2022 1:48:00 AM	Hexachloroethane	n/a	<	0.5	µg/L	EPA 625.1	0.5	1	WKL	
MO-MPK	2021/22-2	Wet	12/14/2021 2:45:00 PM	1/19/2022 1:48:00 AM	Indeno(1,2,3-cd)pyrene	n/a	<	0.25	µg/L	EPA 625.1	0.25	2	WKL	
MO-MPK	2021/22-2	Wet	12/14/2021 2:45:00 PM	1/15/2022 1:51:00 PM	Indeno(1,2,3-cd)pyrene	n/a	<	0.065	µg/L	EPA 8270C	0.065	0.1	WKL	
MO-MPK	2021/22-2	Wet	12/14/2021 2:45:00 PM	1/19/2022 1:48:00 AM	Isophorone	n/a	<	0.21	µg/L	EPA 625.1	0.21	1	WKL	
MO-MPK	2021/22-2	Wet	12/14/2021 2:45:00 PM	1/19/2022 1:48:00 AM	Naphthalene	n/a	<	0.49	µg/L	EPA 625.1	0.49	1	WKL	
MO-MPK	2021/22-2	Wet	12/14/2021 2:45:00 PM	1/15/2022 1:51:00 PM	Naphthalene	n/a	<	0.026	µg/L	EPA 8270C	0.026	0.1	WKL	
MO-MPK	2021/22-2	Wet	12/14/2021 2:45:00 PM	1/19/2022 1:48:00 AM	Nitrobenzene	n/a	<	0.36	µg/L	EPA 625.1	0.36	1	WKL	
MO-MPK	2021/22-2	Wet	12/14/2021 2:45:00 PM	1/19/2022 1:48:00 AM	N-Nitrosodimethylamine	n/a	<	0.5	µg/L	EPA 625.1	0.5	1	WKL	
MO-MPK	2021/22-2	Wet	12/14/2021 2:45:00 PM	1/19/2022 1:48:00 AM	N-Nitrosodi-N-propylamine	n/a	<	0.26	µg/L	EPA 625.1	0.26	1	WKL	
MO-MPK	2021/22-2	Wet	12/14/2021 2:45:00 PM	1/19/2022 1:48:00 AM	N-Nitrosodiphenylamine	n/a	<	0.19	µg/L	EPA 625.1	0.19	1	WKL	
MO-MPK	2021/22-2	Wet	12/14/2021 2:45:00 PM	1/19/2022 1:48:00 AM	Phenanthrene	n/a	<	0.32	µg/L	EPA 625.1	0.32	1	WKL	
MO-MPK	2021/22-2	Wet	12/14/2021 2:45:00 PM	1/15/2022 1:51:00 PM	Phenanthrene	n/a	<	0.029	µg/L	EPA 8270C	0.029	0.1	WKL	
MO-MPK	2021/22-2	Wet	12/14/2021 2:45:00 PM	1/19/2022 1:48:00 AM	Phenol	n/a	<	0.81	µg/L	EPA 625.1	0.81	1	WKL	
MO-MPK	2021/22-2	Wet	12/14/2021 2:45:00 PM	1/14/2022 7:33:00 AM	Phenol	n/a	<	0.35	µg/L	EPA 8270C	0.35	1	WKL	
MO-MPK	2021/22-2	Wet	12/14/2021 2:45:00 PM	1/19/2022 1:48:00 AM	Pyrene	n/a	<	0.25	µg/L	EPA 625.1	0.25	1	WKL	
MO-MPK	2021/22-2	Wet	12/14/2021 2:45:00 PM	1/15/2022 1:51:00 PM	Pyrene	n/a	<	0.04	µg/L	EPA 8270C	0.04	0.1	WKL	
MO-MPK	2021/22-2	Wet	12/14/2021 2:45:00 PM	1/13/2022 1:05:00 PM	PCB Aroclor 1016	n/a	<	2.5	µg/L	EPA 608.3	2.5	2.5	WKL	
MO-MPK	2021/22-2	Wet	12/14/2021 2:45:00 PM	1/13/2022 1:05:00 PM	PCB Aroclor 1221	n/a	<	2.5	µg/L	EPA 608.3	2.5	2.5	WKL	
MO-MPK	2021/22-2	Wet	12/14/2021 2:45:00 PM	1/13/2022 1:05:00 PM	PCB Aroclor 1232	n/a	<	2.5	µg/L	EPA 608.3	2.5	2.5	WKL	
MO-MPK	2021/22-2	Wet	12/14/2021 2:45:00 PM	1/13/2022 1:05:00 PM	PCB Aroclor 1242	n/a	<	2.5	µg/L	EPA 608.3	2.5	2.5	WKL	
MO-MPK	2021/22-2	Wet	12/14/2021 2:45:00 PM	1/13/2022 1:05:00 PM	PCB Aroclor 1248	n/a	<	2.5	µg/L	EPA 608.3	2.5	2.5	WKL	
MO-MPK	2021/22-2	Wet	12/14/2021 2:45:00 PM	1/13/2022 1:05:00 PM	PCB Aroclor 1254	n/a	<	2.5	µg/L	EPA 608.3	2.5	2.5	WKL	
MO-MPK	2021/22-2	Wet	12/14/2021 2:45:00 PM	1/13/2022 1:05:00 PM	PCB Aroclor 1260	n/a	<	2.5	µg/L	EPA 608.3	2.5	2.5	WKL	
MO-MPK	2021/22-2	Wet	12/14/2021 2:45:00 PM	1/6/2022 11:18:00 PM	2,4,5-T	n/a	<	0.03	µg/L	EPA 515.4	0.03	0.2	WKL	
MO-MPK	2021/22-2	Wet	12/14/2021 2:45:00 PM	1/6/2022 11:18:00 PM	2,4,5-TP	n/a	<	0.026	µg/L	EPA 515.4	0.026	0.2	WKL	
MO-MPK	2021/22-2	Wet	12/14/2021 2:45:00 PM	1/6/2022 11:18:00 PM	2,4-D	n/a	<	2	µg/L	EPA 515.4	2	2	WKL	
MO-MPK	2021/22-2	Wet	12/14/2021 2:45:00 PM	1/6/2022 11:18:00 PM	2,4-DB	n/a	<	2	µg/L	EPA 515.4	2	2	WKL	
MO-MPK	2021/22-2	Wet	12/14/2021 2:45:00 PM	1/6/2022 11:18:00 PM	3,5-Dichlorobenzoic acid	n/a	<	0.12	µg/L	EPA 515.4	0.12	1	WKL	
MO-MPK	2021/22-2	Wet	12/14/2021 2:45:00 PM	1/13/2022 1:05:00 PM	4,4'-DDD	n/a	<	0.0035	µg/L	EPA 608.3	0.0035	0.25	WKL	
MO-MPK	2021/22-2	Wet	12/14/2021 2:45:00 PM	1/13/2022 1:05:00 PM	4,4'-DDE	n/a	DNQ	0.068	µg/L	EPA 608.3	0.0035	0.25	WKL	
MO-MPK	2021/22-2	Wet	12/14/2021 2:45:00 PM	1/13/2022 1:05:00 PM	4,4'-DDT	n/a	DNQ	0.014	µg/L	EPA 608.3	0.0055	0.05	WKL	
MO-MPK	2021/22-2	Wet	12/14/2021 2:45:00 PM	1/6/2022 11:18:00 PM	Acifluorfen	n/a	<	0.4	µg/L	EPA 515.4	0.4	0.4	WKL	
MO-MPK	2021/22-2	Wet	12/14/2021 2:45:00 PM	12/23/2021 10:23:00 PM	Alachlor	n/a	<	0.3	µg/L	EPA 525.2	0.3	1	WKL	
MO-MPK	2021/22-2	Wet	12/14/2021 2:45:00 PM	1/13/2022 1:05:00 PM	Aldrin	n/a	<	0.005	µg/L	EPA 608.3	0.005	0.025	WKL	
MO-MPK	2021/22-2	Wet	12/14/2021 2:45:00 PM	1/13/2022 1:05:00 PM	alpha-BHC	n/a	<	0.0055	µg/L	EPA 608.3	0.0055	0.05	WKL	
MO-MPK	2021/22-2	Wet	12/14/2021 2:45:00 PM	1/13/2022 1:05:00 PM	alpha-Chlordane	n/a	<	0.014	µg/L	EPA 608.3	0.014	0.05	WKL	
MO-MPK	2021/22-2	Wet	12/14/2021 2:45:00 PM	12/23/2021 10:23:00 PM	Atrazine	n/a	<	0.11	µg/L	EPA 525.2	0.11	1	WKL	
MO-MPK	2021/22-2	Wet	12/14/2021 2:45:00 PM	12/28/2021 9:05:00 AM	Azinphos methyl	n/a	<	0.028	µg/L	EPA 625.1m	0.028	0.05	WKL	
MO-MPK	2021/22-2	Wet	12/14/2021 2:45:00 PM	1/6/2022 11:18:00 PM	Bentazon	n/a	<	0.23	µg/L	EPA 515.4	0.23	2	WKL	
MO-MPK	2021/22-2	Wet	12/14/2021 2:45:00 PM	1/13/2022 1:05:00 PM	beta-BHC	n/a	<	0.0075	µg/L	EPA 608.3	0.0075	0.025	WKL	

Appendix G
Laboratory Environmental 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	2021/22-2	Wet	12/14/2021 2:45:00 PM	12/28/2021 9:05:00 AM	Bolstar	n/a	<	0.023	µg/L	EPA 625.1m	0.023	0.05	WKL	
MO-MPK	2021/22-2	Wet	12/14/2021 2:45:00 PM	12/23/2021 10:23:00 PM	Bromacil	n/a	DNQ	1.7	µg/L	EPA 525.2	0.7	5	WKL	
MO-MPK	2021/22-2	Wet	12/14/2021 2:45:00 PM	12/23/2021 10:23:00 PM	Butachlor	n/a	<	0.12	µg/L	EPA 525.2	0.12	1	WKL	
MO-MPK	2021/22-2	Wet	12/14/2021 2:45:00 PM	12/23/2021 10:23:00 PM	Captan	n/a	<	3.2	µg/L	EPA 525.2	3.2	10	WKL	
MO-MPK	2021/22-2	Wet	12/14/2021 2:45:00 PM	1/13/2022 1:05:00 PM	Chlordane (technical)	n/a	<	0.5	µg/L	EPA 608.3	0.5	0.5	WKL	
MO-MPK	2021/22-2	Wet	12/14/2021 2:45:00 PM	12/23/2021 10:23:00 PM	Chlorpropham	n/a	<	0.4	µg/L	EPA 525.2	0.4	1	WKL	
MO-MPK	2021/22-2	Wet	12/14/2021 2:45:00 PM	12/28/2021 9:05:00 AM	Chlorpyrifos	n/a	<	0.034	µg/L	EPA 625.1m	0.034	0.05	WKL	
MO-MPK	2021/22-2	Wet	12/14/2021 2:45:00 PM	12/28/2021 9:05:00 AM	Coumaphos	n/a	<	0.026	µg/L	EPA 625.1m	0.026	0.05	WKL	
MO-MPK	2021/22-2	Wet	12/14/2021 2:45:00 PM	1/6/2022 11:18:00 PM	Dalapon	n/a	<	0.4	µg/L	EPA 515.4	0.4	0.4	WKL	
MO-MPK	2021/22-2	Wet	12/14/2021 2:45:00 PM	1/6/2022 11:18:00 PM	DPCA (Dacthal)	n/a	=	0.55	µg/L	EPA 515.4	0.029	0.1	WKL	
MO-MPK	2021/22-2	Wet	12/14/2021 2:45:00 PM	1/13/2022 1:05:00 PM	delta-BHC	n/a	<	0.0095	µg/L	EPA 608.3	0.0095	0.025	WKL	EST-LCSRPD
MO-MPK	2021/22-2	Wet	12/14/2021 2:45:00 PM	12/28/2021 9:05:00 AM	Demeton-O	n/a	<	0.05	µg/L	EPA 625.1m	0.05	0.05	WKL	
MO-MPK	2021/22-2	Wet	12/14/2021 2:45:00 PM	12/28/2021 9:05:00 AM	Demeton-S	n/a	<	0.05	µg/L	EPA 625.1m	0.05	0.05	WKL	LB-LCSR
MO-MPK	2021/22-2	Wet	12/14/2021 2:45:00 PM	12/28/2021 9:05:00 AM	Diazinon	n/a	<	0.026	µg/L	EPA 625.1m	0.026	0.05	WKL	
MO-MPK	2021/22-2	Wet	12/14/2021 2:45:00 PM	12/23/2021 10:23:00 PM	Diazinon	n/a	<	0.22	µg/L	EPA 525.2	0.22	1	WKL	
MO-MPK	2021/22-2	Wet	12/14/2021 2:45:00 PM	1/6/2022 11:18:00 PM	Dicamba	n/a	<	0.049	µg/L	EPA 515.4	0.049	0.6	WKL	
MO-MPK	2021/22-2	Wet	12/14/2021 2:45:00 PM	1/6/2022 11:18:00 PM	Dichlorprop	n/a	<	0.12	µg/L	EPA 515.4	0.12	0.3	WKL	
MO-MPK	2021/22-2	Wet	12/14/2021 2:45:00 PM	12/28/2021 9:05:00 AM	Dichlorvos	n/a	<	0.014	µg/L	EPA 625.1m	0.014	0.05	WKL	
MO-MPK	2021/22-2	Wet	12/14/2021 2:45:00 PM	1/13/2022 1:05:00 PM	Dieldrin	n/a	<	0.004	µg/L	EPA 608.3	0.004	0.05	WKL	
MO-MPK	2021/22-2	Wet	12/14/2021 2:45:00 PM	12/23/2021 10:23:00 PM	Dimethoate	n/a	<	0.2	µg/L	EPA 525.2	0.2	2	WKL	
MO-MPK	2021/22-2	Wet	12/14/2021 2:45:00 PM	12/28/2021 9:05:00 AM	Dimethoate	n/a	<	0.031	µg/L	EPA 625.1m	0.031	0.05	WKL	LB-LCSR
MO-MPK	2021/22-2	Wet	12/14/2021 2:45:00 PM	1/6/2022 11:18:00 PM	Dinoseb	n/a	<	0.033	µg/L	EPA 515.4	0.033	0.4	WKL	
MO-MPK	2021/22-2	Wet	12/14/2021 2:45:00 PM	12/23/2021 10:23:00 PM	Diphenamid	n/a	<	0.3	µg/L	EPA 525.2	0.3	1	WKL	
MO-MPK	2021/22-2	Wet	12/14/2021 2:45:00 PM	12/23/2021 10:23:00 PM	Disulfoton	n/a	<	0.15	µg/L	EPA 525.2	0.15	1	WKL	
MO-MPK	2021/22-2	Wet	12/14/2021 2:45:00 PM	12/28/2021 9:05:00 AM	Disulfoton	n/a	<	0.05	µg/L	EPA 625.1m	0.05	0.05	WKL	
MO-MPK	2021/22-2	Wet	12/14/2021 2:45:00 PM	1/13/2022 1:05:00 PM	Endosulfan I	n/a	<	0.0045	µg/L	EPA 608.3	0.0045	0.1	WKL	
MO-MPK	2021/22-2	Wet	12/14/2021 2:45:00 PM	1/13/2022 1:05:00 PM	Endosulfan II	n/a	<	0.0035	µg/L	EPA 608.3	0.0035	0.05	WKL	
MO-MPK	2021/22-2	Wet	12/14/2021 2:45:00 PM	1/13/2022 1:05:00 PM	Endosulfan sulfate	n/a	<	0.0065	µg/L	EPA 608.3	0.0065	0.25	WKL	
MO-MPK	2021/22-2	Wet	12/14/2021 2:45:00 PM	1/13/2022 1:05:00 PM	Endrin	n/a	<	0.0085	µg/L	EPA 608.3	0.0085	0.05	WKL	
MO-MPK	2021/22-2	Wet	12/14/2021 2:45:00 PM	1/13/2022 1:05:00 PM	Endrin aldehyde	n/a	<	0.0095	µg/L	EPA 608.3	0.0095	0.05	WKL	
MO-MPK	2021/22-2	Wet	12/14/2021 2:45:00 PM	12/23/2021 10:23:00 PM	EPTC	n/a	<	0.2	µg/L	EPA 525.2	0.2	1	WKL	
MO-MPK	2021/22-2	Wet	12/14/2021 2:45:00 PM	12/28/2021 9:05:00 AM	Ethoprop	n/a	<	0.034	µg/L	EPA 625.1m	0.034	0.05	WKL	LB-LCSR
MO-MPK	2021/22-2	Wet	12/14/2021 2:45:00 PM	12/28/2021 9:05:00 AM	Ethyl parathion	n/a	<	0.027	µg/L	EPA 625.1m	0.027	0.05	WKL	
MO-MPK	2021/22-2	Wet	12/14/2021 2:45:00 PM	12/28/2021 9:05:00 AM	Fensulfothion	n/a	<	0.014	µg/L	EPA 625.1m	0.014	0.05	WKL	
MO-MPK	2021/22-2	Wet	12/14/2021 2:45:00 PM	12/28/2021 9:05:00 AM	Fenthion	n/a	<	0.019	µg/L	EPA 625.1m	0.019	0.05	WKL	
MO-MPK	2021/22-2	Wet	12/14/2021 2:45:00 PM	1/13/2022 1:05:00 PM	gamma-BHC (Lindane)	n/a	<	0.002	µg/L	EPA 608.3	0.002	0.1	WKL	
MO-MPK	2021/22-2	Wet	12/14/2021 2:45:00 PM	1/13/2022 1:05:00 PM	gamma-Chlordane	n/a	<	0.012	µg/L	EPA 608.3	0.012	0.05	WKL	
MO-MPK	2021/22-2	Wet	12/14/2021 2:45:00 PM	12/17/2021 5:15:00 PM	Glyphosate	n/a	DNQ	29	µg/L	EPA 547	18	50	WKL	
MO-MPK	2021/22-2	Wet	12/14/2021 2:45:00 PM	1/13/2022 1:05:00 PM	Heptachlor	n/a	<	0.003	µg/L	EPA 608.3	0.003	0.05	WKL	
MO-MPK	2021/22-2	Wet	12/14/2021 2:45:00 PM	1/13/2022 1:05:00 PM	Heptachlor epoxide	n/a	<	0.002	µg/L	EPA 608.3	0.002	0.05	WKL	
MO-MPK	2021/22-2	Wet	12/14/2021 2:45:00 PM	12/28/2021 9:05:00 AM	Malathion	n/a	DNQ	0.049	µg/L	EPA 625.1m	0.038	0.05	WKL	
MO-MPK	2021/22-2	Wet	12/14/2021 2:45:00 PM	12/28/2021 9:05:00 AM	Merphos	n/a	<	0.029	µg/L	EPA 625.1m	0.029	0.05	WKL	
MO-MPK	2021/22-2	Wet	12/14/2021 2:45:00 PM	12/28/2021 9:05:00 AM	Methyl parathion	n/a	<	0.032	µg/L	EPA 625.1m	0.032	0.05	WKL	
MO-MPK	2021/22-2	Wet	12/14/2021 2:45:00 PM	12/23/2021 10:23:00 PM	Metolachlor	n/a	<	0.3	µg/L	EPA 525.2	0.3	1	WKL	
MO-MPK	2021/22-2	Wet	12/14/2021 2:45:00 PM	12/23/2021 10:23:00 PM	Metribuzin	n/a	<	0.3	µg/L	EPA 525.2	0.3	1	WKL	
MO-MPK	2021/22-2	Wet	12/14/2021 2:45:00 PM	12/28/2021 9:05:00 AM	Mevinphos	n/a	<	0.021	µg/L	EPA 625.1m	0.021	0.05	WKL	LB-LCSR
MO-MPK	2021/22-2	Wet	12/14/2021 2:45:00 PM	12/23/2021 10:23:00 PM	Molinate	n/a	<	0.3	µg/L	EPA 525.2	0.3	1	WKL	
MO-MPK	2021/22-2	Wet	12/14/2021 2:45:00 PM	12/28/2021 9:05:00 AM	Naled	n/a	<	0.038	µg/L	EPA 625.1m	0.038	0.05	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-MPK	2021/22-2	Wet	12/14/2021 2:45:00 PM	1/6/2022 11:18:00 PM	Pentachlorophenol	n/a	=	2.2	µg/L	EPA 515.4	0.046	0.2	WKL	
MO-MPK	2021/22-2	Wet	12/14/2021 2:45:00 PM	1/19/2022 1:48:00 AM	Pentachlorophenol	n/a	=	4.5	µg/L	EPA 625.1	0.4	1	WKL	HB-LCSR
MO-MPK	2021/22-2	Wet	12/14/2021 2:45:00 PM	1/14/2022 7:33:00 AM	Pentachlorophenol	n/a	=	3.1	µg/L	EPA 8270C	0.15	1	WKL	
MO-MPK	2021/22-2	Wet	12/14/2021 2:45:00 PM	12/28/2021 9:05:00 AM	Phorate	n/a	<	0.015	µg/L	EPA 625.1m	0.015	0.05	WKL	
MO-MPK	2021/22-2	Wet	12/14/2021 2:45:00 PM	1/6/2022 11:18:00 PM	Picloram	n/a	<	0.05	µg/L	EPA 515.4	0.05	0.6	WKL	
MO-MPK	2021/22-2	Wet	12/14/2021 2:45:00 PM	12/23/2021 10:23:00 PM	Prometryn	n/a	<	0.3	µg/L	EPA 525.2	0.3	1	WKL	
MO-MPK	2021/22-2	Wet	12/14/2021 2:45:00 PM	12/28/2021 9:05:00 AM	Ronnel (Fenchlorphos)	n/a	<	0.02	µg/L	EPA 625.1m	0.02	0.05	WKL	
MO-MPK	2021/22-2	Wet	12/14/2021 2:45:00 PM	12/23/2021 10:23:00 PM	Simazine	n/a	<	0.2	µg/L	EPA 525.2	0.2	1	WKL	
MO-MPK	2021/22-2	Wet	12/14/2021 2:45:00 PM	12/28/2021 9:05:00 AM	Stirophos (Tetrachlorvinphos)	n/a	<	0.016	µg/L	EPA 625.1m	0.016	0.05	WKL	
MO-MPK	2021/22-2	Wet	12/14/2021 2:45:00 PM	12/23/2021 10:23:00 PM	Terbacil	n/a	<	0.9	µg/L	EPA 525.2	0.9	20	WKL	
MO-MPK	2021/22-2	Wet	12/14/2021 2:45:00 PM	12/23/2021 10:23:00 PM	Thiobencarb	n/a	<	0.3	µg/L	EPA 525.2	0.3	1	WKL	
MO-MPK	2021/22-2	Wet	12/14/2021 2:45:00 PM	12/28/2021 9:05:00 AM	Tokuthion	n/a	<	0.039	µg/L	EPA 625.1m	0.039	0.05	WKL	
MO-MPK	2021/22-2	Wet	12/14/2021 2:45:00 PM	1/13/2022 1:05:00 PM	Toxaphene	n/a	<	2.5	µg/L	EPA 608.3	2.5	2.5	WKL	
MO-MPK	2021/22-2	Wet	12/14/2021 2:45:00 PM	12/28/2021 9:05:00 AM	Trichloronate	n/a	<	0.034	µg/L	EPA 625.1m	0.034	0.05	WKL	
MO-MPK	2021/22-2	Wet	12/14/2021 2:45:00 PM	12/23/2021 10:23:00 PM	Trithion	n/a	<	0.2	µg/L	EPA 525.2	0.2	1	WKL	
MO-MPK	2021/22-3	Wet	3/28/2022 9:40:00 AM	3/29/2022 11:20:00 AM	E. Coli	n/a	=	64880	MPN/100 mL	MMO-MUG	100	100	VCHCA	
MO-MPK	2021/22-3	Wet	3/28/2022 9:40:00 AM	3/29/2022 11:20:00 AM	Total Coliform	n/a	>	2419600	MPN/100 mL	MMO-MUG	1000	1000	VCHCA	
MO-MPK	2021/22-3	Wet	3/28/2022 9:40:00 AM	3/28/2022 9:40:00 AM	Conductivity	n/a	=	159.2	µmhos/cm	Field Meter	-88	1	Field Crew	
MO-MPK	2021/22-3	Wet	3/28/2022 9:40:00 AM	4/6/2022 2:02:00 PM	Cyanide	Total	<	0.0012	mg/L	ASTM D7511	0.0012	0.002	WKL	
MO-MPK	2021/22-3	Wet	3/28/2022 9:40:00 AM	3/28/2022 9:40:00 AM	DO	n/a	=	73.4	%	Field Meter	-88	0.1	Field Crew	
MO-MPK	2021/22-3	Wet	3/28/2022 9:40:00 AM	3/28/2022 9:40:00 AM	DO	n/a	=	7.27	mg/L	Field Meter	-88	0.3	Field Crew	
MO-MPK	2021/22-3	Wet	3/28/2022 9:40:00 AM	3/28/2022 9:40:00 AM	pH	n/a	=	7.41	pH Units	Field Meter	-88	0.01	Field Crew	
MO-MPK	2021/22-3	Wet	3/28/2022 9:40:00 AM	3/28/2022 9:40:00 AM	Salinity	n/a	=	100	mg/L	Field Meter	-88	100	Field Crew	
MO-MPK	2021/22-3	Wet	3/28/2022 9:40:00 AM	3/28/2022 9:40:00 AM	Specific Conductance	n/a	=	192.4	µmhos/cm	Field Meter	-88	1	Field Crew	
MO-MPK	2021/22-3	Wet	3/28/2022 9:40:00 AM	3/28/2022 9:40:00 AM	Temperature	n/a	=	14.4	°C	Field Meter	-88	0.1	Field Crew	
MO-MPK	2021/22-3	Wet	3/28/2022 9:40:00 AM	3/30/2022 12:02:00 PM	Gasoline Range Organics	n/a	<	0.065	mg/L	EPA 8260B	0.065	0.1	WKL	
MO-MPK	2021/22-3	Wet	3/28/2022 9:40:00 AM	4/4/2022 1:14:00 PM	Oil and Grease	n/a	DNQ	2.4	mg/L	EPA 1664B	0.7	4.5	WKL	
MO-MPK	2021/22-3	Wet	3/28/2022 12:05:00 PM	4/1/2022 4:50:00 PM	Chloride	n/a	=	21	mg/L	EPA 300.0	0.38	1	WKL	
MO-MPK	2021/22-3	Wet	3/28/2022 12:05:00 PM	4/1/2022 4:50:00 PM	Fluoride	n/a	DNQ	0.13	mg/L	EPA 300.0	0.018	0.2	WKL	
MO-MPK	2021/22-3	Wet	3/28/2022 12:05:00 PM	4/1/2022 9:46:00 PM	Perchlorate	n/a	<	0.78	µg/L	EPA 314.0	0.78	4	WKL	
MO-MPK	2021/22-3	Wet	3/28/2022 12:05:00 PM	4/7/2022 7:03:00 PM	Calcium	Total	=	29.5	mg/L	EPA 200.7	0.0234	0.5	WKL	
MO-MPK	2021/22-3	Wet	3/28/2022 12:05:00 PM	4/7/2022 7:03:00 PM	Magnesium	Total	=	7.6	mg/L	EPA 200.7	0.039	0.5	WKL	
MO-MPK	2021/22-3	Wet	3/28/2022 12:05:00 PM	3/31/2022 1:32:00 PM	Alkalinity as CaCO3	n/a	=	35	mg/L	SM 2320 B	1.9	5	WKL	
MO-MPK	2021/22-3	Wet	3/28/2022 12:05:00 PM	4/3/2022 1:58:00 PM	BOD	n/a	=	19	mg/L	SM 5210 B	2	2	WKL	
MO-MPK	2021/22-3	Wet	3/28/2022 12:05:00 PM	4/7/2022 1:14:00 PM	COD	n/a	=	44	mg/L	EPA 410.4	2.9	5	WKL	
MO-MPK	2021/22-3	Wet	3/28/2022 12:05:00 PM	4/7/2022 7:03:00 PM	Hardness as CaCO3	Total	=	105	mg/L	EPA 200.7	0.219	3.31	WKL	
MO-MPK	2021/22-3	Wet	3/28/2022 12:05:00 PM	3/29/2022 5:54:00 PM	MBAS	n/a	DNQ	0.026	mg/L	SM 5540 C	0.013	0.05	WKL	
MO-MPK	2021/22-3	Wet	3/28/2022 12:05:00 PM	4/11/2022 12:29:00 PM	Phenolics	n/a	=	0.013	mg/L	EPA 420.4	0.0068	0.01	WKL	
MO-MPK	2021/22-3	Wet	3/28/2022 12:05:00 PM	3/29/2022 5:09:00 PM	Specific Conductance	n/a	=	260	µmhos/cm	SM 2510 B	1.1	2	WKL	
MO-MPK	2021/22-3	Wet	3/28/2022 12:05:00 PM	4/1/2022 4:57:00 PM	Total Dissolved Solids	n/a	=	180	mg/L	SM 2540 C	4	10	WKL	
MO-MPK	2021/22-3	Wet	3/28/2022 12:05:00 PM	3/29/2022 7:27:00 PM	Total Organic Carbon	n/a	=	15	mg/L	SM 5310 B	0.19	0.3	WKL	
MO-MPK	2021/22-3	Wet	3/28/2022 12:05:00 PM	4/2/2022 11:00:00 AM	Total Suspended Solids	n/a	=	490	mg/L	SM 2540 D	-88	5	WKL	
MO-MPK	2021/22-3	Wet	3/28/2022 12:05:00 PM	3/29/2022 3:08:00 PM	Turbidity	n/a	=	74	NTU	EPA 180.1	0.17	1	WKL	
MO-MPK	2021/22-3	Wet	3/28/2022 12:05:00 PM	4/2/2022 11:00:00 AM	Volatile Suspended Solids	n/a	=	76	mg/L	EPA 160.4	3.1	5	WKL	
MO-MPK	2021/22-3	Wet	3/28/2022 12:05:00 PM	4/1/2022 11:00:00 AM	Diesel Range Organics	n/a	=	0.44	mg/L	EPA 8015B	0.072	0.1	WKL	
MO-MPK	2021/22-3	Wet	3/28/2022 12:05:00 PM	4/1/2022 11:00:00 AM	Oil Range Organics	n/a	<	0.33	mg/L	EPA 8015B	0.33	0.5	WKL	
MO-MPK	2021/22-3	Wet	3/28/2022 12:05:00 PM	4/7/2022 1:10:00 PM	Aluminum	Dissolved	=	31	µg/L	EPA 200.8	4.4	20	WKL	
MO-MPK	2021/22-3	Wet	3/28/2022 12:05:00 PM	4/7/2022 1:53:00 PM	Aluminum	Total	=	11000	µg/L	EPA 200.8	18	80	WKL	

Appendix G
Laboratory Environmental 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	2021/22-3	Wet	3/28/2022 12:05:00 PM	4/7/2022 1:10:00 PM	Antimony	Dissolved	DNQ	0.43	µg/L	EPA 200.8	0.089	0.5	WKL	
MO-MPK	2021/22-3	Wet	3/28/2022 12:05:00 PM	4/7/2022 1:13:00 PM	Antimony	Total	=	0.86	µg/L	EPA 200.8	0.089	0.5	WKL	
MO-MPK	2021/22-3	Wet	3/28/2022 12:05:00 PM	4/7/2022 1:10:00 PM	Arsenic	Dissolved	=	1.3	µg/L	EPA 200.8	0.074	0.4	WKL	
MO-MPK	2021/22-3	Wet	3/28/2022 12:05:00 PM	4/7/2022 1:13:00 PM	Arsenic	Total	=	4	µg/L	EPA 200.8	0.074	0.4	WKL	
MO-MPK	2021/22-3	Wet	3/28/2022 12:05:00 PM	4/7/2022 1:13:00 PM	Barium	Total	=	150	µg/L	EPA 200.8	0.14	1	WKL	
MO-MPK	2021/22-3	Wet	3/28/2022 12:05:00 PM	4/7/2022 1:10:00 PM	Beryllium	Dissolved	<	0.062	µg/L	EPA 200.8	0.062	0.1	WKL	
MO-MPK	2021/22-3	Wet	3/28/2022 12:05:00 PM	4/7/2022 1:13:00 PM	Beryllium	Total	=	0.42	µg/L	EPA 200.8	0.029	0.1	WKL	
MO-MPK	2021/22-3	Wet	3/28/2022 12:05:00 PM	4/7/2022 1:10:00 PM	Cadmium	Dissolved	DNQ	0.056	µg/L	EPA 200.8	0.042	0.2	WKL	
MO-MPK	2021/22-3	Wet	3/28/2022 12:05:00 PM	4/7/2022 1:13:00 PM	Cadmium	Total	=	0.76	µg/L	EPA 200.8	0.042	0.2	WKL	
MO-MPK	2021/22-3	Wet	3/28/2022 12:05:00 PM	4/7/2022 1:10:00 PM	Chromium	Dissolved	=	0.54	µg/L	EPA 200.8	0.089	0.2	WKL	
MO-MPK	2021/22-3	Wet	3/28/2022 12:05:00 PM	4/7/2022 1:13:00 PM	Chromium	Total	=	19	µg/L	EPA 200.8	0.089	0.2	WKL	
MO-MPK	2021/22-3	Wet	3/28/2022 12:05:00 PM	4/6/2022 4:26:00 PM	Chromium VI	n/a	=	0.35	µg/L	EPA 218.6	0.0079	0.02	WKL	
MO-MPK	2021/22-3	Wet	3/28/2022 12:05:00 PM	4/7/2022 1:10:00 PM	Copper	Dissolved	=	5	µg/L	EPA 200.8	0.23	0.5	WKL	
MO-MPK	2021/22-3	Wet	3/28/2022 12:05:00 PM	4/7/2022 1:13:00 PM	Copper	Total	=	23	µg/L	EPA 200.8	0.23	0.5	WKL	
MO-MPK	2021/22-3	Wet	3/28/2022 12:05:00 PM	4/7/2022 1:10:00 PM	Iron	Dissolved	=	43	µg/L	EPA 200.8	3.9	20	WKL	
MO-MPK	2021/22-3	Wet	3/28/2022 12:05:00 PM	4/7/2022 1:53:00 PM	Iron	Total	=	13000	µg/L	EPA 200.8	16	80	WKL	
MO-MPK	2021/22-3	Wet	3/28/2022 12:05:00 PM	4/7/2022 1:10:00 PM	Lead	Dissolved	DNQ	0.11	µg/L	EPA 200.8	0.083	0.2	WKL	UL-MB
MO-MPK	2021/22-3	Wet	3/28/2022 12:05:00 PM	4/7/2022 1:13:00 PM	Lead	Total	=	11	µg/L	EPA 200.8	0.083	0.2	WKL	
MO-MPK	2021/22-3	Wet	3/28/2022 12:05:00 PM	3/31/2022 11:43:00 AM	Mercury	Dissolved	DNQ	20	ng/L	EPA 245.1	17	50	WKL	
MO-MPK	2021/22-3	Wet	3/28/2022 12:05:00 PM	3/31/2022 11:44:00 AM	Mercury	Total	DNQ	49	ng/L	EPA 245.1	17	50	WKL	
MO-MPK	2021/22-3	Wet	3/28/2022 12:05:00 PM	4/7/2022 1:10:00 PM	Nickel	Dissolved	DNQ	1.9	µg/L	EPA 200.8	0.16	2	WKL	UL-MB
MO-MPK	2021/22-3	Wet	3/28/2022 12:05:00 PM	4/7/2022 1:13:00 PM	Nickel	Total	=	18	µg/L	EPA 200.8	0.16	2	WKL	
MO-MPK	2021/22-3	Wet	3/28/2022 12:05:00 PM	4/7/2022 1:10:00 PM	Selenium	Dissolved	=	0.84	µg/L	EPA 200.8	0.067	0.4	WKL	
MO-MPK	2021/22-3	Wet	3/28/2022 12:05:00 PM	4/7/2022 1:13:00 PM	Selenium	Total	=	1	µg/L	EPA 200.8	0.067	0.4	WKL	
MO-MPK	2021/22-3	Wet	3/28/2022 12:05:00 PM	4/7/2022 1:10:00 PM	Silver	Dissolved	<	0.03	µg/L	EPA 200.8	0.03	0.2	WKL	
MO-MPK	2021/22-3	Wet	3/28/2022 12:05:00 PM	4/7/2022 1:13:00 PM	Silver	Total	<	0.13	µg/L	EPA 200.8	0.13	0.2	WKL	
MO-MPK	2021/22-3	Wet	3/28/2022 12:05:00 PM	4/7/2022 1:10:00 PM	Thallium	Dissolved	<	0.021	µg/L	EPA 200.8	0.021	0.2	WKL	
MO-MPK	2021/22-3	Wet	3/28/2022 12:05:00 PM	4/7/2022 1:13:00 PM	Thallium	Total	DNQ	0.13	µg/L	EPA 200.8	0.021	0.2	WKL	
MO-MPK	2021/22-3	Wet	3/28/2022 12:05:00 PM	4/7/2022 1:10:00 PM	Zinc	Dissolved	DNQ	8.6	µg/L	EPA 200.8	0.8	10	WKL	
MO-MPK	2021/22-3	Wet	3/28/2022 12:05:00 PM	4/7/2022 1:13:00 PM	Zinc	Total	=	120	µg/L	EPA 200.8	1.7	10	WKL	
MO-MPK	2021/22-3	Wet	3/28/2022 12:05:00 PM	4/4/2022 4:32:00 PM	Ammonia as N	n/a	=	0.36	mg/L	EPA 350.1	0.017	0.1	WKL	
MO-MPK	2021/22-3	Wet	3/28/2022 12:05:00 PM	4/9/2022 3:05:00 PM	Nitrate + Nitrite as N	n/a	=	4	mg/L	EPA 353.2	0.036	0.2	WKL	
MO-MPK	2021/22-3	Wet	3/28/2022 12:05:00 PM	4/7/2022 7:00:00 PM	Phosphorus as P	Dissolved	=	0.36	mg/L	EPA 200.7	0.018	0.05	WKL	
MO-MPK	2021/22-3	Wet	3/28/2022 12:05:00 PM	4/7/2022 7:03:00 PM	Phosphorus as P	Total	=	1.2	mg/L	EPA 200.7	0.018	0.05	WKL	
MO-MPK	2021/22-3	Wet	3/28/2022 12:05:00 PM	4/6/2022 4:45:00 PM	TKN	n/a	=	3.4	mg/L	EPA 351.2	0.13	0.2	WKL	
MO-MPK	2021/22-3	Wet	3/28/2022 12:05:00 PM	4/28/2022 5:31:00 AM	1,2,4-Trichlorobenzene	n/a	<	0.98	µg/L	EPA 625.1	0.98	2	WKL	
MO-MPK	2021/22-3	Wet	3/28/2022 12:05:00 PM	4/28/2022 5:31:00 AM	1,2-Dichlorobenzene	n/a	<	0.92	µg/L	EPA 625.1	0.92	2	WKL	
MO-MPK	2021/22-3	Wet	3/28/2022 12:05:00 PM	4/28/2022 5:31:00 AM	1,2-Diphenylhydrazine	n/a	<	0.6	µg/L	EPA 625.1	0.6	2	WKL	
MO-MPK	2021/22-3	Wet	3/28/2022 12:05:00 PM	4/28/2022 5:31:00 AM	1,3-Dichlorobenzene	n/a	<	0.84	µg/L	EPA 625.1	0.84	2	WKL	
MO-MPK	2021/22-3	Wet	3/28/2022 12:05:00 PM	4/28/2022 5:31:00 AM	1,4-Dichlorobenzene	n/a	<	0.96	µg/L	EPA 625.1	0.96	2	WKL	
MO-MPK	2021/22-3	Wet	3/28/2022 12:05:00 PM	4/20/2022 12:10:00 PM	1-Methylnaphthalene	n/a	<	0.048	µg/L	EPA 8270C	0.048	0.2	WKL	
MO-MPK	2021/22-3	Wet	3/28/2022 12:05:00 PM	4/29/2022 10:05:00 AM	2,4,5-Trichlorophenol	n/a	<	0.58	µg/L	EPA 8270C	0.58	2	WKL	
MO-MPK	2021/22-3	Wet	3/28/2022 12:05:00 PM	4/28/2022 5:31:00 AM	2,4,6-Trichlorophenol	n/a	<	0.44	µg/L	EPA 625.1	0.44	2	WKL	
MO-MPK	2021/22-3	Wet	3/28/2022 12:05:00 PM	4/29/2022 10:05:00 AM	2,4,6-Trichlorophenol	n/a	<	0.6	µg/L	EPA 8270C	0.6	2	WKL	
MO-MPK	2021/22-3	Wet	3/28/2022 12:05:00 PM	4/28/2022 5:31:00 AM	2,4-Dichlorophenol	n/a	<	0.52	µg/L	EPA 625.1	0.52	2	WKL	
MO-MPK	2021/22-3	Wet	3/28/2022 12:05:00 PM	4/29/2022 10:05:00 AM	2,4-Dichlorophenol	n/a	<	1	µg/L	EPA 8270C	1	2	WKL	
MO-MPK	2021/22-3	Wet	3/28/2022 12:05:00 PM	4/29/2022 10:05:00 AM	2,4-Dimethylphenol	n/a	<	2	µg/L	EPA 8270C	2	4	WKL	
MO-MPK	2021/22-3	Wet	3/28/2022 12:05:00 PM	4/28/2022 5:31:00 AM	2,4-Dimethylphenol	n/a	<	1.5	µg/L	EPA 625.1	1.5	2	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-MPK	2021/22-3	Wet	3/28/2022 12:05:00 PM	4/28/2022 5:31:00 AM	2,4-Dinitrophenol	n/a	<	3.7	µg/L	EPA 625.1	3.7	20	WKL	
MO-MPK	2021/22-3	Wet	3/28/2022 12:05:00 PM	4/29/2022 10:05:00 AM	2,4-Dinitrophenol	n/a	<	2	µg/L	EPA 8270C	2	4	WKL	
MO-MPK	2021/22-3	Wet	3/28/2022 12:05:00 PM	4/28/2022 5:31:00 AM	2,4-Dinitrotoluene	n/a	<	0.92	µg/L	EPA 625.1	0.92	2	WKL	
MO-MPK	2021/22-3	Wet	3/28/2022 12:05:00 PM	4/28/2022 5:31:00 AM	2,6-Dinitrotoluene	n/a	<	0.54	µg/L	EPA 625.1	0.54	2	WKL	
MO-MPK	2021/22-3	Wet	3/28/2022 12:05:00 PM	4/28/2022 5:31:00 AM	2-Chloronaphthalene	n/a	<	0.9	µg/L	EPA 625.1	0.9	2	WKL	
MO-MPK	2021/22-3	Wet	3/28/2022 12:05:00 PM	4/28/2022 5:31:00 AM	2-Chlorophenol	n/a	<	0.56	µg/L	EPA 625.1	0.56	2	WKL	
MO-MPK	2021/22-3	Wet	3/28/2022 12:05:00 PM	4/29/2022 10:05:00 AM	2-Chlorophenol	n/a	<	1.3	µg/L	EPA 8270C	1.3	2	WKL	
MO-MPK	2021/22-3	Wet	3/28/2022 12:05:00 PM	4/20/2022 12:10:00 PM	2-Methylnaphthalene	n/a	<	0.052	µg/L	EPA 8270C	0.052	0.2	WKL	
MO-MPK	2021/22-3	Wet	3/28/2022 12:05:00 PM	4/29/2022 10:05:00 AM	2-Methylphenol	n/a	<	0.68	µg/L	EPA 8270C	0.68	2	WKL	
MO-MPK	2021/22-3	Wet	3/28/2022 12:05:00 PM	4/28/2022 5:31:00 AM	2-Nitrophenol	n/a	<	0.52	µg/L	EPA 625.1	0.52	2	WKL	
MO-MPK	2021/22-3	Wet	3/28/2022 12:05:00 PM	4/29/2022 10:05:00 AM	2-Nitrophenol	n/a	<	1.4	µg/L	EPA 8270C	1.4	2	WKL	
MO-MPK	2021/22-3	Wet	3/28/2022 12:05:00 PM	4/28/2022 5:31:00 AM	3,3'-Dichlorobenzidine	n/a	<	5	µg/L	EPA 625.1	5	10	WKL	
MO-MPK	2021/22-3	Wet	3/28/2022 12:05:00 PM	4/29/2022 10:05:00 AM	3-4-Methylphenol	n/a	<	0.6	µg/L	EPA 8270C	0.6	2	WKL	
MO-MPK	2021/22-3	Wet	3/28/2022 12:05:00 PM	4/28/2022 5:31:00 AM	4,6-Dinitro-2-methylphenol	n/a	<	1	µg/L	EPA 625.1	1	10	WKL	
MO-MPK	2021/22-3	Wet	3/28/2022 12:05:00 PM	4/29/2022 10:05:00 AM	4,6-Dinitro-2-methylphenol	n/a	<	0.28	µg/L	EPA 8270C	0.28	2	WKL	
MO-MPK	2021/22-3	Wet	3/28/2022 12:05:00 PM	4/28/2022 5:31:00 AM	4-Bromophenyl phenyl ether	n/a	<	0.72	µg/L	EPA 625.1	0.72	2	WKL	
MO-MPK	2021/22-3	Wet	3/28/2022 12:05:00 PM	4/28/2022 5:31:00 AM	4-Chloro-3-methylphenol	n/a	<	0.46	µg/L	EPA 625.1	0.46	2	WKL	
MO-MPK	2021/22-3	Wet	3/28/2022 12:05:00 PM	4/29/2022 10:05:00 AM	4-Chloro-3-methylphenol	n/a	<	0.74	µg/L	EPA 8270C	0.74	2	WKL	
MO-MPK	2021/22-3	Wet	3/28/2022 12:05:00 PM	4/28/2022 5:31:00 AM	4-Chlorophenyl phenyl ether	n/a	<	0.82	µg/L	EPA 625.1	0.82	2	WKL	
MO-MPK	2021/22-3	Wet	3/28/2022 12:05:00 PM	4/29/2022 10:05:00 AM	4-Nitrophenol	n/a	<	2	µg/L	EPA 8270C	2	4	WKL	
MO-MPK	2021/22-3	Wet	3/28/2022 12:05:00 PM	4/28/2022 5:31:00 AM	4-Nitrophenol	n/a	<	2.5	µg/L	EPA 625.1	2.5	10	WKL	
MO-MPK	2021/22-3	Wet	3/28/2022 12:05:00 PM	4/28/2022 5:31:00 AM	Acenaphthene	n/a	<	0.76	µg/L	EPA 625.1	0.76	2	WKL	
MO-MPK	2021/22-3	Wet	3/28/2022 12:05:00 PM	4/20/2022 12:10:00 PM	Acenaphthene	n/a	<	0.056	µg/L	EPA 8270C	0.056	0.2	WKL	
MO-MPK	2021/22-3	Wet	3/28/2022 12:05:00 PM	4/28/2022 5:31:00 AM	Acenaphthylene	n/a	<	0.7	µg/L	EPA 625.1	0.7	2	WKL	
MO-MPK	2021/22-3	Wet	3/28/2022 12:05:00 PM	4/20/2022 12:10:00 PM	Acenaphthylene	n/a	<	0.066	µg/L	EPA 8270C	0.066	0.2	WKL	
MO-MPK	2021/22-3	Wet	3/28/2022 12:05:00 PM	4/28/2022 5:31:00 AM	Anthracene	n/a	<	0.82	µg/L	EPA 625.1	0.82	2	WKL	
MO-MPK	2021/22-3	Wet	3/28/2022 12:05:00 PM	4/20/2022 12:10:00 PM	Anthracene	n/a	DNQ	0.067	µg/L	EPA 8270C	0.05	0.2	WKL	
MO-MPK	2021/22-3	Wet	3/28/2022 12:05:00 PM	4/28/2022 5:31:00 AM	Benz(a)anthracene	n/a	<	0.38	µg/L	EPA 625.1	0.38	2	WKL	
MO-MPK	2021/22-3	Wet	3/28/2022 12:05:00 PM	4/20/2022 12:10:00 PM	Benz(a)anthracene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.2	WKL	
MO-MPK	2021/22-3	Wet	3/28/2022 12:05:00 PM	4/28/2022 5:31:00 AM	Benzidine	n/a	<	6.4	µg/L	EPA 625.1	6.4	20	WKL	
MO-MPK	2021/22-3	Wet	3/28/2022 12:05:00 PM	4/1/2022 12:59:00 AM	Benzo(a)pyrene	n/a	<	0.1	µg/L	EPA 525.2	0.1	0.5	WKL	
MO-MPK	2021/22-3	Wet	3/28/2022 12:05:00 PM	4/28/2022 5:31:00 AM	Benzo(a)pyrene	n/a	<	0.78	µg/L	EPA 625.1	0.78	2	WKL	
MO-MPK	2021/22-3	Wet	3/28/2022 12:05:00 PM	4/20/2022 12:10:00 PM	Benzo(a)pyrene	n/a	DNQ	0.11	µg/L	EPA 8270C	0.1	0.2	WKL	
MO-MPK	2021/22-3	Wet	3/28/2022 12:05:00 PM	4/28/2022 5:31:00 AM	Benzo(b)fluoranthene	n/a	<	0.92	µg/L	EPA 625.1	0.92	2	WKL	
MO-MPK	2021/22-3	Wet	3/28/2022 12:05:00 PM	4/20/2022 12:10:00 PM	Benzo(b)fluoranthene	n/a	<	0.15	µg/L	EPA 8270C	0.15	0.2	WKL	
MO-MPK	2021/22-3	Wet	3/28/2022 12:05:00 PM	4/28/2022 5:31:00 AM	Benzo(g,h,i)perylene	n/a	<	0.84	µg/L	EPA 625.1	0.84	4	WKL	
MO-MPK	2021/22-3	Wet	3/28/2022 12:05:00 PM	4/20/2022 12:10:00 PM	Benzo(g,h,i)perylene	n/a	DNQ	0.1	µg/L	EPA 8270C	0.1	0.2	WKL	
MO-MPK	2021/22-3	Wet	3/28/2022 12:05:00 PM	4/28/2022 5:31:00 AM	Benzo(k)fluoranthene	n/a	<	0.44	µg/L	EPA 625.1	0.44	2	WKL	
MO-MPK	2021/22-3	Wet	3/28/2022 12:05:00 PM	4/20/2022 12:10:00 PM	Benzo(k)fluoranthene	n/a	DNQ	0.083	µg/L	EPA 8270C	0.052	0.2	WKL	UL-MB
MO-MPK	2021/22-3	Wet	3/28/2022 12:05:00 PM	4/28/2022 5:31:00 AM	Bis(2-chloroethoxy)methane	n/a	<	0.5	µg/L	EPA 625.1	0.5	2	WKL	
MO-MPK	2021/22-3	Wet	3/28/2022 12:05:00 PM	4/28/2022 5:31:00 AM	Bis(2-chloroethyl)ether	n/a	<	0.54	µg/L	EPA 625.1	0.54	2	WKL	
MO-MPK	2021/22-3	Wet	3/28/2022 12:05:00 PM	4/28/2022 5:31:00 AM	Bis(2-chloroisopropyl)ether	n/a	<	0.76	µg/L	EPA 625.1	0.76	2	WKL	
MO-MPK	2021/22-3	Wet	3/28/2022 12:05:00 PM	4/1/2022 12:59:00 AM	Bis(2-ethylhexyl)adipate	n/a	<	2.1	µg/L	EPA 525.2	2.1	25	WKL	
MO-MPK	2021/22-3	Wet	3/28/2022 12:05:00 PM	4/28/2022 5:31:00 AM	Bis(2-ethylhexyl)phthalate	n/a	<	4.6	µg/L	EPA 625.1	4.6	10	WKL	
MO-MPK	2021/22-3	Wet	3/28/2022 12:05:00 PM	4/1/2022 12:59:00 AM	Bis(2-ethylhexyl)phthalate	n/a	<	2	µg/L	EPA 525.2	2	15	WKL	
MO-MPK	2021/22-3	Wet	3/28/2022 12:05:00 PM	4/28/2022 5:31:00 AM	Butyl benzyl phthalate	n/a	<	0.98	µg/L	EPA 625.1	0.98	2	WKL	
MO-MPK	2021/22-3	Wet	3/28/2022 12:05:00 PM	4/28/2022 5:31:00 AM	Chrysene	n/a	<	0.38	µg/L	EPA 625.1	0.38	2	WKL	
MO-MPK	2021/22-3	Wet	3/28/2022 12:05:00 PM	4/20/2022 12:10:00 PM	Chrysene	n/a	<	0.15	µg/L	EPA 8270C	0.15	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	2021/22-3	Wet	3/28/2022 12:05:00 PM	4/20/2022 12:10:00 PM	Dibenz(a,h)anthracene	n/a	DNQ	0.13	µg/L	EPA 8270C	0.072	0.2	WKL	UL-MB
MO-MPK	2021/22-3	Wet	3/28/2022 12:05:00 PM	4/28/2022 5:31:00 AM	Dibenz(a,h)anthracene	n/a	<	0.3	µg/L	EPA 625.1	0.3	4	WKL	
MO-MPK	2021/22-3	Wet	3/28/2022 12:05:00 PM	4/28/2022 5:31:00 AM	Diethyl phthalate	n/a	<	0.7	µg/L	EPA 625.1	0.7	2	WKL	
MO-MPK	2021/22-3	Wet	3/28/2022 12:05:00 PM	4/28/2022 5:31:00 AM	Dimethyl phthalate	n/a	<	0.36	µg/L	EPA 625.1	0.36	2	WKL	
MO-MPK	2021/22-3	Wet	3/28/2022 12:05:00 PM	4/28/2022 5:31:00 AM	Di-n-butylphthalate	n/a	<	0.68	µg/L	EPA 625.1	0.68	2	WKL	
MO-MPK	2021/22-3	Wet	3/28/2022 12:05:00 PM	4/28/2022 5:31:00 AM	Di-n-octylphthalate	n/a	<	0.92	µg/L	EPA 625.1	0.92	2	WKL	
MO-MPK	2021/22-3	Wet	3/28/2022 12:05:00 PM	4/20/2022 12:10:00 PM	Fluoranthene	n/a	DNQ	0.11	µg/L	EPA 8270C	0.078	0.2	WKL	
MO-MPK	2021/22-3	Wet	3/28/2022 12:05:00 PM	4/28/2022 5:31:00 AM	Fluoranthene	n/a	<	0.69	µg/L	EPA 625.1	0.69	2	WKL	
MO-MPK	2021/22-3	Wet	3/28/2022 12:05:00 PM	4/20/2022 12:10:00 PM	Fluorene	n/a	<	0.058	µg/L	EPA 8270C	0.058	0.2	WKL	
MO-MPK	2021/22-3	Wet	3/28/2022 12:05:00 PM	4/28/2022 5:31:00 AM	Fluorene	n/a	<	0.7	µg/L	EPA 625.1	0.7	2	WKL	
MO-MPK	2021/22-3	Wet	3/28/2022 12:05:00 PM	4/28/2022 5:31:00 AM	Hexachlorobenzene	n/a	<	0.98	µg/L	EPA 625.1	0.98	2	WKL	
MO-MPK	2021/22-3	Wet	3/28/2022 12:05:00 PM	4/28/2022 5:31:00 AM	Hexachlorobutadiene	n/a	<	0.94	µg/L	EPA 625.1	0.94	2	WKL	
MO-MPK	2021/22-3	Wet	3/28/2022 12:05:00 PM	4/1/2022 12:59:00 AM	Hexachlorocyclopentadiene	n/a	<	0.46	µg/L	EPA 525.2	0.46	5	WKL	
MO-MPK	2021/22-3	Wet	3/28/2022 12:05:00 PM	4/28/2022 5:31:00 AM	Hexachlorocyclopentadiene	n/a	<	0.62	µg/L	EPA 625.1	0.62	10	WKL	
MO-MPK	2021/22-3	Wet	3/28/2022 12:05:00 PM	4/28/2022 5:31:00 AM	Hexachloroethane	n/a	<	1	µg/L	EPA 625.1	1	2	WKL	
MO-MPK	2021/22-3	Wet	3/28/2022 12:05:00 PM	4/20/2022 12:10:00 PM	Indeno(1,2,3-cd)pyrene	n/a	<	0.13	µg/L	EPA 8270C	0.13	0.2	WKL	
MO-MPK	2021/22-3	Wet	3/28/2022 12:05:00 PM	4/28/2022 5:31:00 AM	Indeno(1,2,3-cd)pyrene	n/a	<	0.49	µg/L	EPA 625.1	0.49	4	WKL	
MO-MPK	2021/22-3	Wet	3/28/2022 12:05:00 PM	4/28/2022 5:31:00 AM	Isophorone	n/a	<	0.42	µg/L	EPA 625.1	0.42	2	WKL	
MO-MPK	2021/22-3	Wet	3/28/2022 12:05:00 PM	4/28/2022 5:31:00 AM	Naphthalene	n/a	<	0.98	µg/L	EPA 625.1	0.98	2	WKL	
MO-MPK	2021/22-3	Wet	3/28/2022 12:05:00 PM	4/20/2022 12:10:00 PM	Naphthalene	n/a	<	0.052	µg/L	EPA 8270C	0.052	0.2	WKL	
MO-MPK	2021/22-3	Wet	3/28/2022 12:05:00 PM	4/28/2022 5:31:00 AM	Nitrobenzene	n/a	<	0.72	µg/L	EPA 625.1	0.72	2	WKL	
MO-MPK	2021/22-3	Wet	3/28/2022 12:05:00 PM	4/28/2022 5:31:00 AM	N-Nitrosodimethylamine	n/a	<	1	µg/L	EPA 625.1	1	2	WKL	
MO-MPK	2021/22-3	Wet	3/28/2022 12:05:00 PM	4/28/2022 5:31:00 AM	N-Nitrosodi-N-propylamine	n/a	<	0.52	µg/L	EPA 625.1	0.52	2	WKL	
MO-MPK	2021/22-3	Wet	3/28/2022 12:05:00 PM	4/28/2022 5:31:00 AM	N-Nitrosodiphenylamine	n/a	<	0.38	µg/L	EPA 625.1	0.38	2	WKL	
MO-MPK	2021/22-3	Wet	3/28/2022 12:05:00 PM	4/20/2022 12:10:00 PM	Phenanthrene	n/a	<	0.058	µg/L	EPA 8270C	0.058	0.2	WKL	
MO-MPK	2021/22-3	Wet	3/28/2022 12:05:00 PM	4/28/2022 5:31:00 AM	Phenanthrene	n/a	<	0.64	µg/L	EPA 625.1	0.64	2	WKL	
MO-MPK	2021/22-3	Wet	3/28/2022 12:05:00 PM	4/28/2022 5:31:00 AM	Phenol	n/a	<	1.6	µg/L	EPA 625.1	1.6	2	WKL	
MO-MPK	2021/22-3	Wet	3/28/2022 12:05:00 PM	4/29/2022 10:05:00 AM	Phenol	n/a	<	0.7	µg/L	EPA 8270C	0.7	2	WKL	
MO-MPK	2021/22-3	Wet	3/28/2022 12:05:00 PM	4/28/2022 5:31:00 AM	Pyrene	n/a	<	0.5	µg/L	EPA 625.1	0.5	2	WKL	
MO-MPK	2021/22-3	Wet	3/28/2022 12:05:00 PM	4/20/2022 12:10:00 PM	Pyrene	n/a	DNQ	0.092	µg/L	EPA 8270C	0.08	0.2	WKL	
MO-MPK	2021/22-3	Wet	3/28/2022 12:05:00 PM	4/10/2022 4:45:00 AM	PCB Aroclor 1016	n/a	<	2.5	µg/L	EPA 608.3	2.5	2.5	WKL	
MO-MPK	2021/22-3	Wet	3/28/2022 12:05:00 PM	4/10/2022 4:45:00 AM	PCB Aroclor 1221	n/a	<	2.5	µg/L	EPA 608.3	2.5	2.5	WKL	
MO-MPK	2021/22-3	Wet	3/28/2022 12:05:00 PM	4/10/2022 4:45:00 AM	PCB Aroclor 1232	n/a	<	2.5	µg/L	EPA 608.3	2.5	2.5	WKL	
MO-MPK	2021/22-3	Wet	3/28/2022 12:05:00 PM	4/10/2022 4:45:00 AM	PCB Aroclor 1242	n/a	<	2.5	µg/L	EPA 608.3	2.5	2.5	WKL	
MO-MPK	2021/22-3	Wet	3/28/2022 12:05:00 PM	4/10/2022 4:45:00 AM	PCB Aroclor 1248	n/a	<	2.5	µg/L	EPA 608.3	2.5	2.5	WKL	
MO-MPK	2021/22-3	Wet	3/28/2022 12:05:00 PM	4/10/2022 4:45:00 AM	PCB Aroclor 1254	n/a	<	2.5	µg/L	EPA 608.3	2.5	2.5	WKL	
MO-MPK	2021/22-3	Wet	3/28/2022 12:05:00 PM	4/10/2022 4:45:00 AM	PCB Aroclor 1260	n/a	<	2.5	µg/L	EPA 608.3	2.5	2.5	WKL	
MO-MPK	2021/22-3	Wet	3/28/2022 12:05:00 PM	4/1/2022 6:48:00 AM	2,4,5-T	n/a	<	0.03	µg/L	EPA 515.4	0.03	0.2	WKL	
MO-MPK	2021/22-3	Wet	3/28/2022 12:05:00 PM	4/1/2022 6:48:00 AM	2,4,5-TP	n/a	<	0.026	µg/L	EPA 515.4	0.026	0.2	WKL	
MO-MPK	2021/22-3	Wet	3/28/2022 12:05:00 PM	4/1/2022 6:48:00 AM	2,4-D	n/a	=	1.1	µg/L	EPA 515.4	0.14	0.4	WKL	
MO-MPK	2021/22-3	Wet	3/28/2022 12:05:00 PM	4/1/2022 6:48:00 AM	2,4-DB	n/a	<	5	µg/L	EPA 515.4	5	5	WKL	
MO-MPK	2021/22-3	Wet	3/28/2022 12:05:00 PM	4/1/2022 6:48:00 AM	3,5-Dichlorobenzoic acid	n/a	<	1	µg/L	EPA 515.4	1	1	WKL	
MO-MPK	2021/22-3	Wet	3/28/2022 12:05:00 PM	4/10/2022 4:45:00 AM	4,4'-DDD	n/a	<	0.0035	µg/L	EPA 608.3	0.0035	0.25	WKL	
MO-MPK	2021/22-3	Wet	3/28/2022 12:05:00 PM	4/10/2022 4:45:00 AM	4,4'-DDE	n/a	DNQ	0.019	µg/L	EPA 608.3	0.0035	0.25	WKL	
MO-MPK	2021/22-3	Wet	3/28/2022 12:05:00 PM	4/10/2022 4:45:00 AM	4,4'-DDT	n/a	<	0.05	µg/L	EPA 608.3	0.05	0.05	WKL	
MO-MPK	2021/22-3	Wet	3/28/2022 12:05:00 PM	4/1/2022 6:48:00 AM	Acifluorfen	n/a	<	0.4	µg/L	EPA 515.4	0.4	0.4	WKL	
MO-MPK	2021/22-3	Wet	3/28/2022 12:05:00 PM	4/1/2022 12:59:00 AM	Alachlor	n/a	<	0.15	µg/L	EPA 525.2	0.15	0.5	WKL	
MO-MPK	2021/22-3	Wet	3/28/2022 12:05:00 PM	4/10/2022 4:45:00 AM	Aldrin	n/a	<	0.005	µg/L	EPA 608.3	0.005	0.025	WKL	

Appendix G
Laboratory Environmental 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	2021/22-3	Wet	3/28/2022 12:05:00 PM	4/10/2022 4:45:00 AM	alpha-BHC	n/a	<	0.0055	µg/L	EPA 608.3	0.0055	0.05	WKL	
MO-MPK	2021/22-3	Wet	3/28/2022 12:05:00 PM	4/10/2022 4:45:00 AM	alpha-Chlordane	n/a	<	0.014	µg/L	EPA 608.3	0.014	0.05	WKL	
MO-MPK	2021/22-3	Wet	3/28/2022 12:05:00 PM	4/1/2022 12:59:00 AM	Atrazine	n/a	<	0.054	µg/L	EPA 525.2	0.054	0.5	WKL	
MO-MPK	2021/22-3	Wet	3/28/2022 12:05:00 PM	4/1/2022 10:03:00 PM	Azinphos methyl	n/a	<	0.011	µg/L	EPA 625.1m	0.011	0.02	WKL	
MO-MPK	2021/22-3	Wet	3/28/2022 12:05:00 PM	4/1/2022 6:48:00 AM	Bentazon	n/a	<	0.23	µg/L	EPA 515.4	0.23	2	WKL	
MO-MPK	2021/22-3	Wet	3/28/2022 12:05:00 PM	4/10/2022 4:45:00 AM	beta-BHC	n/a	<	0.0075	µg/L	EPA 608.3	0.0075	0.025	WKL	
MO-MPK	2021/22-3	Wet	3/28/2022 12:05:00 PM	4/1/2022 10:43:00 PM	Bolstar	n/a	<	0.0092	µg/L	EPA 625.1m	0.0092	0.02	WKL	
MO-MPK	2021/22-3	Wet	3/28/2022 12:05:00 PM	4/1/2022 12:59:00 AM	Bromacil	n/a	DNQ	1.5	µg/L	EPA 525.2	0.35	2.5	WKL	
MO-MPK	2021/22-3	Wet	3/28/2022 12:05:00 PM	4/1/2022 12:59:00 AM	Butachlor	n/a	<	0.061	µg/L	EPA 525.2	0.061	0.5	WKL	
MO-MPK	2021/22-3	Wet	3/28/2022 12:05:00 PM	4/1/2022 12:59:00 AM	Captan	n/a	<	1.6	µg/L	EPA 525.2	1.6	5	WKL	
MO-MPK	2021/22-3	Wet	3/28/2022 12:05:00 PM	4/10/2022 4:45:00 AM	Chlordane (technical)	n/a	<	0.22	µg/L	EPA 608.3	0.22	0.5	WKL	
MO-MPK	2021/22-3	Wet	3/28/2022 12:05:00 PM	4/1/2022 12:59:00 AM	Chlorpropham	n/a	<	0.2	µg/L	EPA 525.2	0.2	0.5	WKL	
MO-MPK	2021/22-3	Wet	3/28/2022 12:05:00 PM	4/1/2022 10:03:00 PM	Chlorpyrifos	n/a	<	0.014	µg/L	EPA 625.1m	0.014	0.02	WKL	
MO-MPK	2021/22-3	Wet	3/28/2022 12:05:00 PM	4/1/2022 10:03:00 PM	Coumaphos	n/a	<	0.01	µg/L	EPA 625.1m	0.01	0.02	WKL	
MO-MPK	2021/22-3	Wet	3/28/2022 12:05:00 PM	4/1/2022 6:48:00 AM	Dalapon	n/a	<	0.11	µg/L	EPA 515.4	0.11	0.4	WKL	
MO-MPK	2021/22-3	Wet	3/28/2022 12:05:00 PM	4/1/2022 6:48:00 AM	DCPA (Dacthal)	n/a	<	0.4	µg/L	EPA 515.4	0.4	0.4	WKL	
MO-MPK	2021/22-3	Wet	3/28/2022 12:05:00 PM	4/10/2022 4:45:00 AM	delta-BHC	n/a	<	0.0095	µg/L	EPA 608.3	0.0095	0.025	WKL	
MO-MPK	2021/22-3	Wet	3/28/2022 12:05:00 PM	4/1/2022 10:03:00 PM	Demeton-O	n/a	<	0.02	µg/L	EPA 625.1m	0.02	0.02	WKL	
MO-MPK	2021/22-3	Wet	3/28/2022 12:05:00 PM	4/1/2022 10:03:00 PM	Demeton-S	n/a	<	0.02	µg/L	EPA 625.1m	0.02	0.02	WKL	
MO-MPK	2021/22-3	Wet	3/28/2022 12:05:00 PM	4/1/2022 10:03:00 PM	Diazinon	n/a	<	0.01	µg/L	EPA 625.1m	0.01	0.02	WKL	
MO-MPK	2021/22-3	Wet	3/28/2022 12:05:00 PM	4/1/2022 12:59:00 AM	Diazinon	n/a	<	0.11	µg/L	EPA 525.2	0.11	0.5	WKL	
MO-MPK	2021/22-3	Wet	3/28/2022 12:05:00 PM	4/1/2022 6:48:00 AM	Dicamba	n/a	<	0.049	µg/L	EPA 515.4	0.049	0.6	WKL	
MO-MPK	2021/22-3	Wet	3/28/2022 12:05:00 PM	4/1/2022 6:48:00 AM	Dichlorprop	n/a	<	0.12	µg/L	EPA 515.4	0.12	0.3	WKL	
MO-MPK	2021/22-3	Wet	3/28/2022 12:05:00 PM	4/1/2022 10:03:00 PM	Dichlorvos	n/a	<	0.0058	µg/L	EPA 625.1m	0.0058	0.02	WKL	
MO-MPK	2021/22-3	Wet	3/28/2022 12:05:00 PM	4/10/2022 4:45:00 AM	Dieldrin	n/a	<	0.004	µg/L	EPA 608.3	0.004	0.05	WKL	
MO-MPK	2021/22-3	Wet	3/28/2022 12:05:00 PM	4/1/2022 10:03:00 PM	Dimethoate	n/a	<	0.012	µg/L	EPA 625.1m	0.012	0.02	WKL	
MO-MPK	2021/22-3	Wet	3/28/2022 12:05:00 PM	4/1/2022 12:59:00 AM	Dimethoate	n/a	<	0.1	µg/L	EPA 525.2	0.1	1	WKL	
MO-MPK	2021/22-3	Wet	3/28/2022 12:05:00 PM	4/1/2022 6:48:00 AM	Dinoseb	n/a	<	0.033	µg/L	EPA 515.4	0.033	0.4	WKL	
MO-MPK	2021/22-3	Wet	3/28/2022 12:05:00 PM	4/1/2022 12:59:00 AM	Diphenamid	n/a	<	0.15	µg/L	EPA 525.2	0.15	0.5	WKL	
MO-MPK	2021/22-3	Wet	3/28/2022 12:05:00 PM	4/1/2022 12:59:00 AM	Disulfoton	n/a	<	0.077	µg/L	EPA 525.2	0.077	0.5	WKL	
MO-MPK	2021/22-3	Wet	3/28/2022 12:05:00 PM	4/1/2022 10:03:00 PM	Disulfoton	n/a	<	0.02	µg/L	EPA 625.1m	0.02	0.02	WKL	
MO-MPK	2021/22-3	Wet	3/28/2022 12:05:00 PM	4/10/2022 4:45:00 AM	Endosulfan I	n/a	<	0.0045	µg/L	EPA 608.3	0.0045	0.1	WKL	
MO-MPK	2021/22-3	Wet	3/28/2022 12:05:00 PM	4/10/2022 4:45:00 AM	Endosulfan II	n/a	<	0.0035	µg/L	EPA 608.3	0.0035	0.05	WKL	
MO-MPK	2021/22-3	Wet	3/28/2022 12:05:00 PM	4/10/2022 4:45:00 AM	Endosulfan sulfate	n/a	<	0.0065	µg/L	EPA 608.3	0.0065	0.25	WKL	
MO-MPK	2021/22-3	Wet	3/28/2022 12:05:00 PM	4/10/2022 4:45:00 AM	Endrin	n/a	<	0.0085	µg/L	EPA 608.3	0.0085	0.05	WKL	
MO-MPK	2021/22-3	Wet	3/28/2022 12:05:00 PM	4/10/2022 4:45:00 AM	Endrin aldehyde	n/a	<	0.0095	µg/L	EPA 608.3	0.0095	0.05	WKL	
MO-MPK	2021/22-3	Wet	3/28/2022 12:05:00 PM	4/1/2022 12:59:00 AM	EPTC	n/a	<	0.1	µg/L	EPA 525.2	0.1	0.5	WKL	
MO-MPK	2021/22-3	Wet	3/28/2022 12:05:00 PM	4/1/2022 10:03:00 PM	Ethoprop	n/a	<	0.013	µg/L	EPA 625.1m	0.013	0.02	WKL	
MO-MPK	2021/22-3	Wet	3/28/2022 12:05:00 PM	4/1/2022 10:03:00 PM	Ethyl parathion	n/a	<	0.011	µg/L	EPA 625.1m	0.011	0.02	WKL	
MO-MPK	2021/22-3	Wet	3/28/2022 12:05:00 PM	4/1/2022 10:03:00 PM	Fensulfothion	n/a	<	0.0058	µg/L	EPA 625.1m	0.0058	0.02	WKL	
MO-MPK	2021/22-3	Wet	3/28/2022 12:05:00 PM	4/1/2022 10:03:00 PM	Fenthion	n/a	<	0.0076	µg/L	EPA 625.1m	0.0076	0.02	WKL	
MO-MPK	2021/22-3	Wet	3/28/2022 12:05:00 PM	4/10/2022 4:45:00 AM	gamma-BHC (Lindane)	n/a	<	0.002	µg/L	EPA 608.3	0.002	0.1	WKL	
MO-MPK	2021/22-3	Wet	3/28/2022 12:05:00 PM	4/10/2022 4:45:00 AM	gamma-Chlordane	n/a	<	0.012	µg/L	EPA 608.3	0.012	0.05	WKL	
MO-MPK	2021/22-3	Wet	3/28/2022 12:05:00 PM	4/4/2022 9:02:00 PM	Glyphosate	n/a	=	40	µg/L	EPA 547	1.8	5	WKL	
MO-MPK	2021/22-3	Wet	3/28/2022 12:05:00 PM	4/10/2022 4:45:00 AM	Heptachlor	n/a	<	0.05	µg/L	EPA 608.3	0.05	0.05	WKL	
MO-MPK	2021/22-3	Wet	3/28/2022 12:05:00 PM	4/10/2022 4:45:00 AM	Heptachlor epoxide	n/a	<	0.002	µg/L	EPA 608.3	0.002	0.05	WKL	
MO-MPK	2021/22-3	Wet	3/28/2022 12:05:00 PM	4/1/2022 10:03:00 PM	Malathion	n/a	=	0.042	µg/L	EPA 625.1m	0.015	0.02	WKL	
MO-MPK	2021/22-3	Wet	3/28/2022 12:05:00 PM	4/1/2022 10:03:00 PM	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	2021/22-3	Wet	3/28/2022 12:05:00 PM	4/1/2022 10:03:00 PM	Methyl parathion	n/a	<	0.013	µg/L	EPA 625.1m	0.013	0.02	WKL	
MO-MPK	2021/22-3	Wet	3/28/2022 12:05:00 PM	4/1/2022 12:59:00 AM	Metolachlor	n/a	<	0.15	µg/L	EPA 525.2	0.15	0.5	WKL	
MO-MPK	2021/22-3	Wet	3/28/2022 12:05:00 PM	4/1/2022 12:59:00 AM	Metribuzin	n/a	<	0.15	µg/L	EPA 525.2	0.15	0.5	WKL	
MO-MPK	2021/22-3	Wet	3/28/2022 12:05:00 PM	4/1/2022 10:03:00 PM	Mevinphos	n/a	<	0.0084	µg/L	EPA 625.1m	0.0084	0.02	WKL	
MO-MPK	2021/22-3	Wet	3/28/2022 12:05:00 PM	4/1/2022 12:59:00 AM	Molinate	n/a	<	0.15	µg/L	EPA 525.2	0.15	0.5	WKL	
MO-MPK	2021/22-3	Wet	3/28/2022 12:05:00 PM	4/1/2022 10:03:00 PM	Naled	n/a	<	0.015	µg/L	EPA 625.1m	0.015	0.02	WKL	
MO-MPK	2021/22-3	Wet	3/28/2022 12:05:00 PM	4/1/2022 6:48:00 AM	Pentachlorophenol	n/a	=	2.6	µg/L	EPA 515.4	0.046	0.2	WKL	
MO-MPK	2021/22-3	Wet	3/28/2022 12:05:00 PM	4/28/2022 5:31:00 AM	Pentachlorophenol	n/a	=	4.3	µg/L	EPA 625.1	0.8	2	WKL	
MO-MPK	2021/22-3	Wet	3/28/2022 12:05:00 PM	4/29/2022 10:05:00 AM	Pentachlorophenol	n/a	=	3.3	µg/L	EPA 8270C	0.3	2	WKL	
MO-MPK	2021/22-3	Wet	3/28/2022 12:05:00 PM	4/1/2022 10:03:00 PM	Phorate	n/a	<	0.006	µg/L	EPA 625.1m	0.006	0.02	WKL	
MO-MPK	2021/22-3	Wet	3/28/2022 12:05:00 PM	4/1/2022 6:48:00 AM	Picloram	n/a	<	0.6	µg/L	EPA 515.4	0.6	0.6	WKL	
MO-MPK	2021/22-3	Wet	3/28/2022 12:05:00 PM	4/1/2022 12:59:00 AM	Prometryn	n/a	<	0.15	µg/L	EPA 525.2	0.15	0.5	WKL	
MO-MPK	2021/22-3	Wet	3/28/2022 12:05:00 PM	4/1/2022 10:03:00 PM	Ronnel (Fenchlorphos)	n/a	<	0.0082	µg/L	EPA 625.1m	0.0082	0.02	WKL	
MO-MPK	2021/22-3	Wet	3/28/2022 12:05:00 PM	4/1/2022 10:03:00 PM	Simazine	n/a	<	0.1	µg/L	EPA 525.2	0.1	0.5	WKL	
MO-MPK	2021/22-3	Wet	3/28/2022 12:05:00 PM	4/1/2022 10:03:00 PM	Stirophos (Tetrachlorvinphos)	n/a	<	0.0062	µg/L	EPA 625.1m	0.0062	0.02	WKL	
MO-MPK	2021/22-3	Wet	3/28/2022 12:05:00 PM	4/1/2022 12:59:00 AM	Terbacil	n/a	<	0.45	µg/L	EPA 525.2	0.45	10	WKL	
MO-MPK	2021/22-3	Wet	3/28/2022 12:05:00 PM	4/1/2022 12:59:00 AM	Thiobencarb	n/a	<	0.15	µg/L	EPA 525.2	0.15	0.5	WKL	
MO-MPK	2021/22-3	Wet	3/28/2022 12:05:00 PM	4/1/2022 10:03:00 PM	Tokuthion	n/a	<	0.016	µg/L	EPA 625.1m	0.016	0.02	WKL	
MO-MPK	2021/22-3	Wet	3/28/2022 12:05:00 PM	4/10/2022 4:45:00 AM	Toxaphene	n/a	<	5	µg/L	EPA 608.3	5	5	WKL	
MO-MPK	2021/22-3	Wet	3/28/2022 12:05:00 PM	4/1/2022 10:03:00 PM	Trichloronate	n/a	<	0.013	µg/L	EPA 625.1m	0.013	0.02	WKL	
MO-MPK	2021/22-3	Wet	3/28/2022 12:05:00 PM	4/1/2022 12:59:00 AM	Trithion	n/a	<	0.1	µg/L	EPA 525.2	0.1	0.5	WKL	
MO-OJA	2021/22-1	Wet	10/25/2021 12:45:00 PM	10/26/2021 11:49:00 AM	E. Coli	n/a	=	15531	MPN/100 mL	MMO-MUG	10	10	FGL	
MO-OJA	2021/22-1	Wet	10/25/2021 12:45:00 PM	10/26/2021 11:49:00 AM	Total Coliform	n/a	=	686700	MPN/100 mL	MMO-MUG	1000	1000	FGL	
MO-OJA	2021/22-1	Wet	10/25/2021 12:45:00 PM	10/25/2021 12:45:00 PM	Conductivity	n/a	=	263.5	µmhos/cm	Field Meter	-88	1	Field Crew	
MO-OJA	2021/22-1	Wet	10/25/2021 12:45:00 PM	10/28/2021 3:52:00 PM	Cyanide	Total	DNQ	0.0013	mg/L	ASTM D7511	0.0012	0.002	WKL	
MO-OJA	2021/22-1	Wet	10/25/2021 12:45:00 PM	10/25/2021 12:45:00 PM	DO	n/a	=	91.2	%	Field Meter	-88	0.1	Field Crew	
MO-OJA	2021/22-1	Wet	10/25/2021 12:45:00 PM	10/25/2021 12:45:00 PM	DO	n/a	=	8.7	mg/L	Field Meter	-88	0.3	Field Crew	
MO-OJA	2021/22-1	Wet	10/25/2021 12:45:00 PM	10/25/2021 12:45:00 PM	pH	n/a	=	7.21	pH Units	Field Meter	-88	0.01	Field Crew	
MO-OJA	2021/22-1	Wet	10/25/2021 12:45:00 PM	10/25/2021 12:45:00 PM	Salinity	n/a	=	100	mg/L	Field Meter	-88	100	Field Crew	
MO-OJA	2021/22-1	Wet	10/25/2021 12:45:00 PM	10/25/2021 12:45:00 PM	Specific Conductance	n/a	=	301.7	µmhos/cm	Field Meter	-88	1	Field Crew	
MO-OJA	2021/22-1	Wet	10/25/2021 12:45:00 PM	10/25/2021 12:45:00 PM	Temperature	n/a	=	17.3	°C	Field Meter	-88	0.1	Field Crew	
MO-OJA	2021/22-1	Wet	10/25/2021 12:45:00 PM	10/29/2021 5:40:00 PM	Gasoline Range Organics	n/a	<	0.065	mg/L	EPA 8260B	0.065	0.1	WKL	
MO-OJA	2021/22-1	Wet	10/25/2021 12:45:00 PM	11/15/2021 5:14:00 PM	Oil and Grease	n/a	DNQ	2	mg/L	EPA 1664B	1.3	5	WKL	UL-FB
MO-OJA	2021/22-1	Wet	10/25/2021 12:45:00 PM	10/29/2021 8:01:00 PM	2-Chloroethyl vinyl ether	n/a	<	0.19	µg/L	EPA 624.1	0.19	1	WKL	
MO-OJA	2021/22-1	Wet	10/25/2021 12:45:00 PM	10/29/2021 8:01:00 PM	Methyl tert-butyl ether (MTBE)	n/a	<	0.4	µg/L	EPA 624.1	0.4	1	WKL	
MO-OJA	2021/22-1	Wet	10/26/2021 7:38:00 AM	11/13/2021 5:39:00 AM	Chloride	n/a	=	4.3	mg/L	EPA 300.0	0.95	2.5	WKL	
MO-OJA	2021/22-1	Wet	10/26/2021 7:38:00 AM	11/13/2021 5:39:00 AM	Fluoride	n/a	DNQ	0.085	mg/L	EPA 300.0	0.045	0.5	WKL	
MO-OJA	2021/22-1	Wet	10/26/2021 7:38:00 AM	10/30/2021 11:29:00 AM	Perchlorate	n/a	<	2	µg/L	EPA 314.0	2	10	WKL	
MO-OJA	2021/22-1	Wet	10/26/2021 7:38:00 AM	11/17/2021 5:52:00 PM	Calcium	Total	=	12.8	mg/L	EPA 200.7	0.16	0.5	WKL	
MO-OJA	2021/22-1	Wet	10/26/2021 7:38:00 AM	11/17/2021 5:52:00 PM	Magnesium	Total	=	3.41	mg/L	EPA 200.7	0.039	0.5	WKL	
MO-OJA	2021/22-1	Wet	10/26/2021 7:38:00 AM	10/29/2021 5:42:00 PM	Alkalinity as CaCO3	n/a	=	39	mg/L	SM 2320 B	2.3	5	WKL	
MO-OJA	2021/22-1	Wet	10/26/2021 7:38:00 AM	11/1/2021 6:02:00 PM	BOD	n/a	=	16	mg/L	SM 5210 B	2	2	WKL	
MO-OJA	2021/22-1	Wet	10/26/2021 7:38:00 AM	11/10/2021 11:21:00 AM	COD	n/a	=	120	mg/L	EMA 410.4	2.9	5	WKL	
MO-OJA	2021/22-1	Wet	10/26/2021 7:38:00 AM	11/17/2021 5:52:00 PM	Hardness as CaCO3	Total	=	46.1	mg/L	EPA 200.7	0.56	3.31	WKL	
MO-OJA	2021/22-1	Wet	10/26/2021 7:38:00 AM	10/27/2021 7:16:00 PM	MBAS	n/a	=	0.091	mg/L	SM 5540 C	0.013	0.05	WKL	
MO-OJA	2021/22-1	Wet	10/26/2021 7:38:00 AM	11/10/2021 2:12:00 PM	Phenolics	n/a	=	0.017	mg/L	EPA 420.4	0.0042	0.01	WKL	
MO-OJA	2021/22-1	Wet	10/26/2021 7:38:00 AM	10/30/2021 11:37:00 AM	Specific Conductance	n/a	=	110	µmhos/cm	SM 2510 B	1.1	2	WKL	
MO-OJA	2021/22-1	Wet	10/26/2021 7:38:00 AM	10/31/2021 1:00:00 PM	Total Dissolved Solids	n/a	=	79	mg/L	SM 2540 C	4	10	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-OJA	2021/22-1	Wet	10/26/2021 7:38:00 AM	11/5/2021 12:12:00 PM	Total Organic Carbon	n/a	=	18	mg/L	SM 5310 B	0.19	0.3	WKL	
MO-OJA	2021/22-1	Wet	10/26/2021 7:38:00 AM	10/28/2021 7:27:00 PM	Total Suspended Solids	n/a	=	530	mg/L	SM 2540 D	-88	5	WKL	
MO-OJA	2021/22-1	Wet	10/26/2021 7:38:00 AM	10/27/2021 10:06:00 AM	Turbidity	n/a	=	30	NTU	EPA 180.1	0.017	0.1	WKL	
MO-OJA	2021/22-1	Wet	10/26/2021 7:38:00 AM	10/28/2021 7:07:00 PM	Volatile Suspended Solids	n/a	=	87	mg/L	EPA 160.4	3.1	5	WKL	
MO-OJA	2021/22-1	Wet	10/26/2021 7:38:00 AM	11/19/2021 5:07:00 AM	Diesel Range Organics	n/a	=	0.52	mg/L	EPA 8015B	0.072	0.1	WKL	EST-LCSRPD
MO-OJA	2021/22-1	Wet	10/26/2021 7:38:00 AM	11/19/2021 5:07:00 AM	Oil Range Organics	n/a	<	0.33	mg/L	EPA 8015B	0.33	0.5	WKL	
MO-OJA	2021/22-1	Wet	10/26/2021 7:38:00 AM	11/11/2021 6:06:00 PM	Aluminum	Dissolved	=	41	µg/L	EPA 200.8	4.4	20	WKL	
MO-OJA	2021/22-1	Wet	10/26/2021 7:38:00 AM	11/11/2021 6:09:00 PM	Aluminum	Total	=	4300	µg/L	EPA 200.8	4.4	20	WKL	
MO-OJA	2021/22-1	Wet	10/26/2021 7:38:00 AM	11/11/2021 6:06:00 PM	Antimony	Dissolved	DNQ	0.23	µg/L	EPA 200.8	0.089	0.5	WKL	
MO-OJA	2021/22-1	Wet	10/26/2021 7:38:00 AM	11/11/2021 6:09:00 PM	Antimony	Total	=	0.5	µg/L	EPA 200.8	0.089	0.5	WKL	
MO-OJA	2021/22-1	Wet	10/26/2021 7:38:00 AM	11/11/2021 6:06:00 PM	Arsenic	Dissolved	=	0.8	µg/L	EPA 200.8	0.074	0.4	WKL	
MO-OJA	2021/22-1	Wet	10/26/2021 7:38:00 AM	11/11/2021 6:09:00 PM	Arsenic	Total	=	1.9	µg/L	EPA 200.8	0.074	0.4	WKL	
MO-OJA	2021/22-1	Wet	10/26/2021 7:38:00 AM	11/11/2021 6:09:00 PM	Barium	Total	=	93	µg/L	EPA 200.8	0.14	1	WKL	
MO-OJA	2021/22-1	Wet	10/26/2021 7:38:00 AM	11/11/2021 6:06:00 PM	Beryllium	Dissolved	<	0.062	µg/L	EPA 200.8	0.062	0.1	WKL	
MO-OJA	2021/22-1	Wet	10/26/2021 7:38:00 AM	11/11/2021 6:09:00 PM	Beryllium	Total	=	0.22	µg/L	EPA 200.8	0.062	0.1	WKL	
MO-OJA	2021/22-1	Wet	10/26/2021 7:38:00 AM	11/11/2021 6:06:00 PM	Cadmium	Dissolved	<	0.042	µg/L	EPA 200.8	0.042	0.2	WKL	
MO-OJA	2021/22-1	Wet	10/26/2021 7:38:00 AM	11/11/2021 6:09:00 PM	Cadmium	Total	=	0.21	µg/L	EPA 200.8	0.042	0.2	WKL	
MO-OJA	2021/22-1	Wet	10/26/2021 7:38:00 AM	11/11/2021 6:06:00 PM	Chromium	Dissolved	=	0.58	µg/L	EPA 200.8	0.089	0.2	WKL	UL-MB
MO-OJA	2021/22-1	Wet	10/26/2021 7:38:00 AM	11/11/2021 6:09:00 PM	Chromium	Total	=	7.1	µg/L	EPA 200.8	0.089	0.2	WKL	
MO-OJA	2021/22-1	Wet	10/26/2021 7:38:00 AM	11/2/2021 3:22:00 PM	Chromium VI	n/a	=	0.21	µg/L	EPA 218.6	0.0079	0.02	WKL	
MO-OJA	2021/22-1	Wet	10/26/2021 7:38:00 AM	11/11/2021 6:06:00 PM	Copper	Dissolved	=	6.1	µg/L	EPA 200.8	0.23	0.5	WKL	
MO-OJA	2021/22-1	Wet	10/26/2021 7:38:00 AM	11/11/2021 6:09:00 PM	Copper	Total	=	21	µg/L	EPA 200.8	0.23	0.5	WKL	
MO-OJA	2021/22-1	Wet	10/26/2021 7:38:00 AM	11/11/2021 6:06:00 PM	Iron	Dissolved	=	52	µg/L	EPA 200.8	3.9	20	WKL	
MO-OJA	2021/22-1	Wet	10/26/2021 7:38:00 AM	11/11/2021 6:09:00 PM	Iron	Total	=	5500	µg/L	EPA 200.8	3.9	20	WKL	
MO-OJA	2021/22-1	Wet	10/26/2021 7:38:00 AM	11/11/2021 6:06:00 PM	Lead	Dissolved	=	0.5	µg/L	EPA 200.8	0.083	0.2	WKL	
MO-OJA	2021/22-1	Wet	10/26/2021 7:38:00 AM	11/11/2021 6:09:00 PM	Lead	Total	=	7.9	µg/L	EPA 200.8	0.083	0.2	WKL	
MO-OJA	2021/22-1	Wet	10/26/2021 7:38:00 AM	11/5/2021 5:30:00 PM	Mercury	Dissolved	DNQ	19	ng/L	EPA 245.1	17	50	WKL	UL-MB
MO-OJA	2021/22-1	Wet	10/26/2021 7:38:00 AM	11/5/2021 5:32:00 PM	Mercury	Total	DNQ	48	ng/L	EPA 245.1	17	50	WKL	
MO-OJA	2021/22-1	Wet	10/26/2021 7:38:00 AM	11/11/2021 6:06:00 PM	Nickel	Dissolved	DNQ	1.9	µg/L	EPA 200.8	0.16	2	WKL	
MO-OJA	2021/22-1	Wet	10/26/2021 7:38:00 AM	11/11/2021 6:09:00 PM	Nickel	Total	=	10	µg/L	EPA 200.8	0.16	2	WKL	
MO-OJA	2021/22-1	Wet	10/26/2021 7:38:00 AM	11/11/2021 6:06:00 PM	Selenium	Dissolved	DNQ	0.096	µg/L	EPA 200.8	0.067	0.4	WKL	
MO-OJA	2021/22-1	Wet	10/26/2021 7:38:00 AM	11/11/2021 6:09:00 PM	Selenium	Total	DNQ	0.16	µg/L	EPA 200.8	0.067	0.4	WKL	
MO-OJA	2021/22-1	Wet	10/26/2021 7:38:00 AM	11/11/2021 6:06:00 PM	Silver	Dissolved	<	0.03	µg/L	EPA 200.8	0.03	0.2	WKL	
MO-OJA	2021/22-1	Wet	10/26/2021 7:38:00 AM	11/11/2021 6:09:00 PM	Silver	Total	DNQ	0.047	µg/L	EPA 200.8	0.03	0.2	WKL	
MO-OJA	2021/22-1	Wet	10/26/2021 7:38:00 AM	11/11/2021 6:06:00 PM	Thallium	Dissolved	<	0.021	µg/L	EPA 200.8	0.021	0.2	WKL	
MO-OJA	2021/22-1	Wet	10/26/2021 7:38:00 AM	11/11/2021 6:09:00 PM	Thallium	Total	DNQ	0.044	µg/L	EPA 200.8	0.021	0.2	WKL	
MO-OJA	2021/22-1	Wet	10/26/2021 7:38:00 AM	11/11/2021 6:06:00 PM	Zinc	Dissolved	=	20	µg/L	EPA 200.8	0.8	10	WKL	
MO-OJA	2021/22-1	Wet	10/26/2021 7:38:00 AM	11/11/2021 6:09:00 PM	Zinc	Total	=	120	µg/L	EPA 200.8	0.8	10	WKL	
MO-OJA	2021/22-1	Wet	10/26/2021 7:38:00 AM	10/27/2021 4:29:00 PM	Ammonia as N	n/a	=	0.35	mg/L	EPA 350.1	0.047	0.1	WKL	
MO-OJA	2021/22-1	Wet	10/26/2021 7:38:00 AM	10/28/2021 4:48:00 PM	Nitrate + Nitrite as N	n/a	=	0.36	mg/L	EPA 353.2	0.036	0.2	WKL	
MO-OJA	2021/22-1	Wet	10/26/2021 7:38:00 AM	11/17/2021 5:49:00 PM	Phosphorus as P	Dissolved	=	0.4	mg/L	EPA 200.7	0.018	0.05	WKL	
MO-OJA	2021/22-1	Wet	10/26/2021 7:38:00 AM	11/17/2021 5:52:00 PM	Phosphorus as P	Total	=	0.68	mg/L	EPA 200.7	0.018	0.05	WKL	
MO-OJA	2021/22-1	Wet	10/26/2021 7:38:00 AM	11/9/2021 3:12:00 PM	TKN	n/a	=	3.2	mg/L	EPA 351.2	0.13	0.2	WKL	
MO-OJA	2021/22-1	Wet	10/26/2021 7:38:00 AM	11/22/2021 8:59:00 PM	1,2,4-Trichlorobenzene	n/a	<	0.98	µg/L	EPA 625.1	0.98	2	WKL	
MO-OJA	2021/22-1	Wet	10/26/2021 7:38:00 AM	11/22/2021 8:59:00 PM	1,2-Dichlorobenzene	n/a	<	0.92	µg/L	EPA 625.1	0.92	2	WKL	
MO-OJA	2021/22-1	Wet	10/26/2021 7:38:00 AM	11/22/2021 8:59:00 PM	1,2-Diphenylhydrazine	n/a	<	0.6	µg/L	EPA 625.1	0.6	2	WKL	
MO-OJA	2021/22-1	Wet	10/26/2021 7:38:00 AM	11/22/2021 8:59:00 PM	1,3-Dichlorobenzene	n/a	<	0.84	µg/L	EPA 625.1	0.84	2	WKL	
MO-OJA	2021/22-1	Wet	10/26/2021 7:38:00 AM	11/22/2021 8:59:00 PM	1,4-Dichlorobenzene	n/a	<	0.96	µg/L	EPA 625.1	0.96	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	2021/22-1	Wet	10/26/2021 7:38:00 AM	11/17/2021 8:33:00 AM	1-Methylnaphthalene	n/a	<	0.048	µg/L	EPA 8270C	0.048	0.2	WKL	
MO-OJA	2021/22-1	Wet	10/26/2021 7:38:00 AM	11/19/2021 9:31:00 PM	2,4,5-Trichlorophenol	n/a	<	0.58	µg/L	EPA 8270C	0.58	2	WKL	
MO-OJA	2021/22-1	Wet	10/26/2021 7:38:00 AM	11/22/2021 8:59:00 PM	2,4,6-Trichlorophenol	n/a	<	0.44	µg/L	EPA 625.1	0.44	2	WKL	
MO-OJA	2021/22-1	Wet	10/26/2021 7:38:00 AM	11/19/2021 9:31:00 PM	2,4,6-Trichlorophenol	n/a	<	0.6	µg/L	EPA 8270C	0.6	2	WKL	
MO-OJA	2021/22-1	Wet	10/26/2021 7:38:00 AM	11/19/2021 9:31:00 PM	2,4-Dichlorophenol	n/a	<	1	µg/L	EPA 8270C	1	2	WKL	
MO-OJA	2021/22-1	Wet	10/26/2021 7:38:00 AM	11/22/2021 8:59:00 PM	2,4-Dichlorophenol	n/a	<	0.52	µg/L	EPA 625.1	0.52	2	WKL	
MO-OJA	2021/22-1	Wet	10/26/2021 7:38:00 AM	11/22/2021 8:59:00 PM	2,4-Dimethylphenol	n/a	<	1.5	µg/L	EPA 625.1	1.5	2	WKL	
MO-OJA	2021/22-1	Wet	10/26/2021 7:38:00 AM	11/19/2021 9:31:00 PM	2,4-Dimethylphenol	n/a	<	2	µg/L	EPA 8270C	2	4	WKL	
MO-OJA	2021/22-1	Wet	10/26/2021 7:38:00 AM	11/22/2021 8:59:00 PM	2,4-Dinitrophenol	n/a	<	3.7	µg/L	EPA 625.1	3.7	20	WKL	
MO-OJA	2021/22-1	Wet	10/26/2021 7:38:00 AM	11/19/2021 9:31:00 PM	2,4-Dinitrophenol	n/a	<	2	µg/L	EPA 8270C	2	4	WKL	
MO-OJA	2021/22-1	Wet	10/26/2021 7:38:00 AM	11/22/2021 8:59:00 PM	2,4-Dinitrotoluene	n/a	<	0.92	µg/L	EPA 625.1	0.92	2	WKL	
MO-OJA	2021/22-1	Wet	10/26/2021 7:38:00 AM	11/22/2021 8:59:00 PM	2,6-Dinitrotoluene	n/a	<	0.54	µg/L	EPA 625.1	0.54	2	WKL	
MO-OJA	2021/22-1	Wet	10/26/2021 7:38:00 AM	11/22/2021 8:59:00 PM	2-Chloronaphthalene	n/a	<	0.9	µg/L	EPA 625.1	0.9	2	WKL	
MO-OJA	2021/22-1	Wet	10/26/2021 7:38:00 AM	11/19/2021 9:31:00 PM	2-Chlorophenol	n/a	<	1.3	µg/L	EPA 8270C	1.3	2	WKL	
MO-OJA	2021/22-1	Wet	10/26/2021 7:38:00 AM	11/22/2021 8:59:00 PM	2-Chlorophenol	n/a	<	0.56	µg/L	EPA 625.1	0.56	2	WKL	
MO-OJA	2021/22-1	Wet	10/26/2021 7:38:00 AM	11/17/2021 8:33:00 AM	2-Methylnaphthalene	n/a	<	0.052	µg/L	EPA 8270C	0.052	0.2	WKL	
MO-OJA	2021/22-1	Wet	10/26/2021 7:38:00 AM	11/19/2021 9:31:00 PM	2-Methylphenol	n/a	<	0.68	µg/L	EPA 8270C	0.68	2	WKL	
MO-OJA	2021/22-1	Wet	10/26/2021 7:38:00 AM	11/22/2021 8:59:00 PM	2-Nitrophenol	n/a	<	0.52	µg/L	EPA 625.1	0.52	2	WKL	
MO-OJA	2021/22-1	Wet	10/26/2021 7:38:00 AM	11/19/2021 9:31:00 PM	2-Nitrophenol	n/a	<	1.4	µg/L	EPA 8270C	1.4	2	WKL	
MO-OJA	2021/22-1	Wet	10/26/2021 7:38:00 AM	11/22/2021 8:59:00 PM	3,3'-Dichlorobenzidine	n/a	<	5	µg/L	EPA 625.1	5	10	WKL	
MO-OJA	2021/22-1	Wet	10/26/2021 7:38:00 AM	11/19/2021 9:31:00 PM	3-/4-Methylphenol	n/a	<	0.6	µg/L	EPA 8270C	0.6	2	WKL	
MO-OJA	2021/22-1	Wet	10/26/2021 7:38:00 AM	11/22/2021 8:59:00 PM	4,6-Dinitro-2-methylphenol	n/a	<	1	µg/L	EPA 625.1	1	10	WKL	
MO-OJA	2021/22-1	Wet	10/26/2021 7:38:00 AM	11/19/2021 9:31:00 PM	4,6-Dinitro-2-methylphenol	n/a	<	0.28	µg/L	EPA 8270C	0.28	2	WKL	
MO-OJA	2021/22-1	Wet	10/26/2021 7:38:00 AM	11/22/2021 8:59:00 PM	4-Bromophenyl phenyl ether	n/a	<	0.72	µg/L	EPA 625.1	0.72	2	WKL	
MO-OJA	2021/22-1	Wet	10/26/2021 7:38:00 AM	11/22/2021 8:59:00 PM	4-Chloro-3-methylphenol	n/a	<	0.46	µg/L	EPA 625.1	0.46	2	WKL	
MO-OJA	2021/22-1	Wet	10/26/2021 7:38:00 AM	11/19/2021 9:31:00 PM	4-Chloro-3-methylphenol	n/a	<	0.74	µg/L	EPA 8270C	0.74	2	WKL	
MO-OJA	2021/22-1	Wet	10/26/2021 7:38:00 AM	11/22/2021 8:59:00 PM	4-Chlorophenyl phenyl ether	n/a	<	0.82	µg/L	EPA 625.1	0.82	2	WKL	
MO-OJA	2021/22-1	Wet	10/26/2021 7:38:00 AM	11/22/2021 8:59:00 PM	4-Nitrophenol	n/a	<	2.5	µg/L	EPA 625.1	2.5	10	WKL	
MO-OJA	2021/22-1	Wet	10/26/2021 7:38:00 AM	11/19/2021 9:31:00 PM	4-Nitrophenol	n/a	<	2	µg/L	EPA 8270C	2	4	WKL	
MO-OJA	2021/22-1	Wet	10/26/2021 7:38:00 AM	11/22/2021 8:59:00 PM	Acenaphthene	n/a	<	0.76	µg/L	EPA 625.1	0.76	2	WKL	
MO-OJA	2021/22-1	Wet	10/26/2021 7:38:00 AM	11/17/2021 8:33:00 AM	Acenaphthene	n/a	<	0.056	µg/L	EPA 8270C	0.056	0.2	WKL	
MO-OJA	2021/22-1	Wet	10/26/2021 7:38:00 AM	11/17/2021 8:33:00 AM	Acenaphthylene	n/a	<	0.066	µg/L	EPA 8270C	0.066	0.2	WKL	
MO-OJA	2021/22-1	Wet	10/26/2021 7:38:00 AM	11/22/2021 8:59:00 PM	Acenaphthylene	n/a	<	0.7	µg/L	EPA 625.1	0.7	2	WKL	
MO-OJA	2021/22-1	Wet	10/26/2021 7:38:00 AM	11/22/2021 8:59:00 PM	Anthracene	n/a	<	0.82	µg/L	EPA 625.1	0.82	2	WKL	
MO-OJA	2021/22-1	Wet	10/26/2021 7:38:00 AM	11/17/2021 8:33:00 AM	Anthracene	n/a	<	0.05	µg/L	EPA 8270C	0.05	0.2	WKL	
MO-OJA	2021/22-1	Wet	10/26/2021 7:38:00 AM	11/22/2021 8:59:00 PM	Benz(a)anthracene	n/a	<	0.38	µg/L	EPA 625.1	0.38	2	WKL	
MO-OJA	2021/22-1	Wet	10/26/2021 7:38:00 AM	11/17/2021 8:33:00 AM	Benz(a)anthracene	n/a	DNQ	0.12	µg/L	EPA 8270C	0.1	0.2	WKL	
MO-OJA	2021/22-1	Wet	10/26/2021 7:38:00 AM	11/22/2021 8:59:00 PM	Benzenzidine	n/a	<	6.4	µg/L	EPA 625.1	6.4	20	WKL	
MO-OJA	2021/22-1	Wet	10/26/2021 7:38:00 AM	11/9/2021 8:25:00 PM	Benzo(a)pyrene	n/a	<	0.1	µg/L	EPA 525.2	0.1	0.5	WKL	
MO-OJA	2021/22-1	Wet	10/26/2021 7:38:00 AM	11/22/2021 8:59:00 PM	Benzo(a)pyrene	n/a	<	0.78	µg/L	EPA 625.1	0.78	2	WKL	
MO-OJA	2021/22-1	Wet	10/26/2021 7:38:00 AM	11/17/2021 8:33:00 AM	Benzo(a)pyrene	n/a	DNQ	0.17	µg/L	EPA 8270C	0.1	0.2	WKL	
MO-OJA	2021/22-1	Wet	10/26/2021 7:38:00 AM	11/22/2021 8:59:00 PM	Benzo(b)fluoranthene	n/a	<	0.92	µg/L	EPA 625.1	0.92	2	WKL	
MO-OJA	2021/22-1	Wet	10/26/2021 7:38:00 AM	11/17/2021 8:33:00 AM	Benzo(b)fluoranthene	n/a	DNQ	0.18	µg/L	EPA 8270C	0.15	0.2	WKL	
MO-OJA	2021/22-1	Wet	10/26/2021 7:38:00 AM	11/22/2021 8:59:00 PM	Benzo(g,h,i)perylene	n/a	<	0.84	µg/L	EPA 625.1	0.84	4	WKL	
MO-OJA	2021/22-1	Wet	10/26/2021 7:38:00 AM	11/17/2021 8:33:00 AM	Benzo(g,h,i)perylene	n/a	DNQ	0.1	µg/L	EPA 8270C	0.1	0.2	WKL	
MO-OJA	2021/22-1	Wet	10/26/2021 7:38:00 AM	11/22/2021 8:59:00 PM	Benzo(k)fluoranthene	n/a	<	0.44	µg/L	EPA 625.1	0.44	2	WKL	
MO-OJA	2021/22-1	Wet	10/26/2021 7:38:00 AM	11/17/2021 8:33:00 AM	Benzo(k)fluoranthene	n/a	DNQ	0.081	µg/L	EPA 8270C	0.052	0.2	WKL	
MO-OJA	2021/22-1	Wet	10/26/2021 7:38:00 AM	11/22/2021 8:59:00 PM	Bis(2-chloroethoxy)methane	n/a	<	0.5	µg/L	EPA 625.1	0.5	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	2021/22-1	Wet	10/26/2021 7:38:00 AM	11/22/2021 8:59:00 PM	Bis(2-chloroethyl)ether	n/a	<	0.54	µg/L	EPA 625.1	0.54	2	WKL	
MO-OJA	2021/22-1	Wet	10/26/2021 7:38:00 AM	11/22/2021 8:59:00 PM	Bis(2-chloroisopropyl)ether	n/a	<	0.76	µg/L	EPA 625.1	0.76	2	WKL	
MO-OJA	2021/22-1	Wet	10/26/2021 7:38:00 AM	11/9/2021 8:25:00 PM	Bis(2-ethylhexyl)adipate	n/a	<	2.1	µg/L	EPA 525.2	2.1	25	WKL	
MO-OJA	2021/22-1	Wet	10/26/2021 7:38:00 AM	11/9/2021 8:25:00 PM	Bis(2-ethylhexyl)phthalate	n/a	DNQ	8.4	µg/L	EPA 525.2	2	15	WKL	RPD, HB-LCSR
MO-OJA	2021/22-1	Wet	10/26/2021 7:38:00 AM	11/22/2021 8:59:00 PM	Bis(2-ethylhexyl)phthalate	n/a	<	4.6	µg/L	EPA 625.1	4.6	10	WKL	
MO-OJA	2021/22-1	Wet	10/26/2021 7:38:00 AM	11/22/2021 8:59:00 PM	Butyl benzyl phthalate	n/a	DNQ	1	µg/L	EPA 625.1	0.98	2	WKL	
MO-OJA	2021/22-1	Wet	10/26/2021 7:38:00 AM	11/22/2021 8:59:00 PM	Chrysene	n/a	<	0.38	µg/L	EPA 625.1	0.38	2	WKL	
MO-OJA	2021/22-1	Wet	10/26/2021 7:38:00 AM	11/17/2021 8:33:00 AM	Chrysene	n/a	<	0.15	µg/L	EPA 8270C	0.15	0.2	WKL	
MO-OJA	2021/22-1	Wet	10/26/2021 7:38:00 AM	11/17/2021 8:33:00 AM	Dibenz(a,h)anthracene	n/a	DNQ	0.081	µg/L	EPA 8270C	0.072	0.2	WKL	
MO-OJA	2021/22-1	Wet	10/26/2021 7:38:00 AM	11/22/2021 8:59:00 PM	Dibenz(a,h)anthracene	n/a	<	0.3	µg/L	EPA 625.1	0.3	4	WKL	
MO-OJA	2021/22-1	Wet	10/26/2021 7:38:00 AM	11/22/2021 8:59:00 PM	Diethyl phthalate	n/a	<	0.7	µg/L	EPA 625.1	0.7	2	WKL	
MO-OJA	2021/22-1	Wet	10/26/2021 7:38:00 AM	11/22/2021 8:59:00 PM	Dimethyl phthalate	n/a	<	0.36	µg/L	EPA 625.1	0.36	2	WKL	
MO-OJA	2021/22-1	Wet	10/26/2021 7:38:00 AM	11/22/2021 8:59:00 PM	Di-n-butylphthalate	n/a	<	0.68	µg/L	EPA 625.1	0.68	2	WKL	
MO-OJA	2021/22-1	Wet	10/26/2021 7:38:00 AM	11/22/2021 8:59:00 PM	Di-n-octylphthalate	n/a	<	0.92	µg/L	EPA 625.1	0.92	2	WKL	
MO-OJA	2021/22-1	Wet	10/26/2021 7:38:00 AM	11/22/2021 8:59:00 PM	Fluoranthene	n/a	<	0.69	µg/L	EPA 625.1	0.69	2	WKL	
MO-OJA	2021/22-1	Wet	10/26/2021 7:38:00 AM	11/17/2021 8:33:00 AM	Fluoranthene	n/a	DNQ	0.1	µg/L	EPA 8270C	0.078	0.2	WKL	
MO-OJA	2021/22-1	Wet	10/26/2021 7:38:00 AM	11/22/2021 8:59:00 PM	Fluorene	n/a	<	0.7	µg/L	EPA 625.1	0.7	2	WKL	
MO-OJA	2021/22-1	Wet	10/26/2021 7:38:00 AM	11/17/2021 8:33:00 AM	Fluorene	n/a	<	0.058	µg/L	EPA 8270C	0.058	0.2	WKL	
MO-OJA	2021/22-1	Wet	10/26/2021 7:38:00 AM	11/22/2021 8:59:00 PM	Hexachlorobenzene	n/a	<	0.98	µg/L	EPA 625.1	0.98	2	WKL	
MO-OJA	2021/22-1	Wet	10/26/2021 7:38:00 AM	11/22/2021 8:59:00 PM	Hexachlorobutadiene	n/a	<	0.94	µg/L	EPA 625.1	0.94	2	WKL	
MO-OJA	2021/22-1	Wet	10/26/2021 7:38:00 AM	11/9/2021 8:25:00 PM	Hexachlorocyclopentadiene	n/a	<	0.46	µg/L	EPA 525.2	0.46	5	WKL	
MO-OJA	2021/22-1	Wet	10/26/2021 7:38:00 AM	11/22/2021 8:59:00 PM	Hexachlorocyclopentadiene	n/a	<	0.62	µg/L	EPA 625.1	0.62	10	WKL	
MO-OJA	2021/22-1	Wet	10/26/2021 7:38:00 AM	11/22/2021 8:59:00 PM	Hexachloroethane	n/a	<	1	µg/L	EPA 625.1	1	2	WKL	
MO-OJA	2021/22-1	Wet	10/26/2021 7:38:00 AM	11/22/2021 8:59:00 PM	Indeno(1,2,3-cd)pyrene	n/a	<	0.49	µg/L	EPA 625.1	0.49	4	WKL	
MO-OJA	2021/22-1	Wet	10/26/2021 7:38:00 AM	11/17/2021 8:33:00 AM	Indeno(1,2,3-cd)pyrene	n/a	DNQ	0.17	µg/L	EPA 8270C	0.13	0.2	WKL	
MO-OJA	2021/22-1	Wet	10/26/2021 7:38:00 AM	11/22/2021 8:59:00 PM	Isophorone	n/a	<	0.42	µg/L	EPA 625.1	0.42	2	WKL	
MO-OJA	2021/22-1	Wet	10/26/2021 7:38:00 AM	11/22/2021 8:59:00 PM	Naphthalene	n/a	<	0.98	µg/L	EPA 625.1	0.98	2	WKL	
MO-OJA	2021/22-1	Wet	10/26/2021 7:38:00 AM	11/17/2021 8:33:00 AM	Naphthalene	n/a	<	0.052	µg/L	EPA 8270C	0.052	0.2	WKL	
MO-OJA	2021/22-1	Wet	10/26/2021 7:38:00 AM	11/22/2021 8:59:00 PM	Nitrobenzene	n/a	<	0.72	µg/L	EPA 625.1	0.72	2	WKL	
MO-OJA	2021/22-1	Wet	10/26/2021 7:38:00 AM	11/22/2021 8:59:00 PM	N-Nitrosodimethylamine	n/a	<	1	µg/L	EPA 625.1	1	2	WKL	
MO-OJA	2021/22-1	Wet	10/26/2021 7:38:00 AM	11/22/2021 8:59:00 PM	N-Nitrosodi-N-propylamine	n/a	<	0.52	µg/L	EPA 625.1	0.52	2	WKL	
MO-OJA	2021/22-1	Wet	10/26/2021 7:38:00 AM	11/22/2021 8:59:00 PM	N-Nitrosodiphenylamine	n/a	<	0.38	µg/L	EPA 625.1	0.38	2	WKL	
MO-OJA	2021/22-1	Wet	10/26/2021 7:38:00 AM	11/22/2021 8:59:00 PM	Phenanthrene	n/a	<	0.64	µg/L	EPA 625.1	0.64	2	WKL	
MO-OJA	2021/22-1	Wet	10/26/2021 7:38:00 AM	11/17/2021 8:33:00 AM	Phenanthrene	n/a	<	0.058	µg/L	EPA 8270C	0.058	0.2	WKL	
MO-OJA	2021/22-1	Wet	10/26/2021 7:38:00 AM	11/19/2021 9:31:00 PM	Phenol	n/a	<	0.7	µg/L	EPA 8270C	0.7	2	WKL	
MO-OJA	2021/22-1	Wet	10/26/2021 7:38:00 AM	11/22/2021 8:59:00 PM	Phenol	n/a	<	1.6	µg/L	EPA 625.1	1.6	2	WKL	
MO-OJA	2021/22-1	Wet	10/26/2021 7:38:00 AM	11/22/2021 8:59:00 PM	Pyrene	n/a	<	0.5	µg/L	EPA 625.1	0.5	2	WKL	
MO-OJA	2021/22-1	Wet	10/26/2021 7:38:00 AM	11/17/2021 8:33:00 AM	Pyrene	n/a	DNQ	0.1	µg/L	EPA 8270C	0.08	0.2	WKL	
MO-OJA	2021/22-1	Wet	10/26/2021 7:38:00 AM	12/10/2021 8:48:00 PM	PCB Aroclor 1016	n/a	<	0.14	µg/L	EPA 608.3	0.14	2.5	WKL	
MO-OJA	2021/22-1	Wet	10/26/2021 7:38:00 AM	12/10/2021 8:48:00 PM	PCB Aroclor 1221	n/a	<	0.3	µg/L	EPA 608.3	0.3	2.5	WKL	
MO-OJA	2021/22-1	Wet	10/26/2021 7:38:00 AM	12/10/2021 8:48:00 PM	PCB Aroclor 1232	n/a	<	0.5	µg/L	EPA 608.3	0.5	2.5	WKL	
MO-OJA	2021/22-1	Wet	10/26/2021 7:38:00 AM	12/10/2021 8:48:00 PM	PCB Aroclor 1242	n/a	<	0.35	µg/L	EPA 608.3	0.35	2.5	WKL	
MO-OJA	2021/22-1	Wet	10/26/2021 7:38:00 AM	12/10/2021 8:48:00 PM	PCB Aroclor 1248	n/a	<	0.3	µg/L	EPA 608.3	0.3	2.5	WKL	
MO-OJA	2021/22-1	Wet	10/26/2021 7:38:00 AM	12/10/2021 8:48:00 PM	PCB Aroclor 1254	n/a	<	0.2	µg/L	EPA 608.3	0.2	2.5	WKL	
MO-OJA	2021/22-1	Wet	10/26/2021 7:38:00 AM	12/10/2021 8:48:00 PM	PCB Aroclor 1260	n/a	<	0.28	µg/L	EPA 608.3	0.28	2.5	WKL	
MO-OJA	2021/22-1	Wet	10/26/2021 7:38:00 AM	11/8/2021 12:51:00 AM	2,4,5-T	n/a	<	0.03	µg/L	EPA 515.4	0.03	0.2	WKL	
MO-OJA	2021/22-1	Wet	10/26/2021 7:38:00 AM	11/8/2021 12:51:00 AM	2,4,5-TP	n/a	<	0.026	µg/L	EPA 515.4	0.026	0.2	WKL	
MO-OJA	2021/22-1	Wet	10/26/2021 7:38:00 AM	11/8/2021 12:51:00 AM	2,4-D	n/a	<	0.14	µg/L	EPA 515.4	0.14	0.4	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-OJA	2021/22-1	Wet	10/26/2021 7:38:00 AM	11/8/2021 12:51:00 AM	2,4-DB	n/a	<	0.19	µg/L	EPA 515.4	0.19	2	WKL	
MO-OJA	2021/22-1	Wet	10/26/2021 7:38:00 AM	11/8/2021 12:51:00 AM	3,5-Dichlorobenzoic acid	n/a	<	0.12	µg/L	EPA 515.4	0.12	1	WKL	
MO-OJA	2021/22-1	Wet	10/26/2021 7:38:00 AM	12/10/2021 8:48:00 PM	4,4'-DDD	n/a	<	0.0035	µg/L	EPA 608.3	0.0035	0.25	WKL	
MO-OJA	2021/22-1	Wet	10/26/2021 7:38:00 AM	12/10/2021 8:48:00 PM	4,4'-DDE	n/a	<	0.0035	µg/L	EPA 608.3	0.0035	0.25	WKL	
MO-OJA	2021/22-1	Wet	10/26/2021 7:38:00 AM	12/10/2021 8:48:00 PM	4,4'-DDT	n/a	<	0.0055	µg/L	EPA 608.3	0.0055	0.05	WKL	
MO-OJA	2021/22-1	Wet	10/26/2021 7:38:00 AM	11/8/2021 12:51:00 AM	Acifluorfen	n/a	<	0.4	µg/L	EPA 515.4	0.4	0.4	WKL	
MO-OJA	2021/22-1	Wet	10/26/2021 7:38:00 AM	11/9/2021 8:25:00 PM	Alachlor	n/a	<	0.15	µg/L	EPA 525.2	0.15	0.5	WKL	
MO-OJA	2021/22-1	Wet	10/26/2021 7:38:00 AM	12/10/2021 8:48:00 PM	Aldrin	n/a	<	0.005	µg/L	EPA 608.3	0.005	0.025	WKL	
MO-OJA	2021/22-1	Wet	10/26/2021 7:38:00 AM	12/10/2021 8:48:00 PM	alpha-BHC	n/a	<	0.0055	µg/L	EPA 608.3	0.0055	0.05	WKL	
MO-OJA	2021/22-1	Wet	10/26/2021 7:38:00 AM	11/9/2021 8:25:00 PM	Atrazine	n/a	<	0.054	µg/L	EPA 525.2	0.054	0.5	WKL	
MO-OJA	2021/22-1	Wet	10/26/2021 7:38:00 AM	11/12/2021 9:57:00 PM	Azinphos methyl	n/a	<	0.0055	µg/L	EPA 625.1m	0.0055	0.01	WKL	
MO-OJA	2021/22-1	Wet	10/26/2021 7:38:00 AM	11/8/2021 12:51:00 AM	Bentazon	n/a	<	2	µg/L	EPA 515.4	2	2	WKL	
MO-OJA	2021/22-1	Wet	10/26/2021 7:38:00 AM	12/10/2021 8:48:00 PM	beta-BHC	n/a	<	0.0075	µg/L	EPA 608.3	0.0075	0.025	WKL	
MO-OJA	2021/22-1	Wet	10/26/2021 7:38:00 AM	11/12/2021 9:57:00 PM	Bolstar	n/a	<	0.0046	µg/L	EPA 625.1m	0.0046	0.01	WKL	
MO-OJA	2021/22-1	Wet	10/26/2021 7:38:00 AM	11/9/2021 8:25:00 PM	Bromacil	n/a	<	0.35	µg/L	EPA 525.2	0.35	2.5	WKL	
MO-OJA	2021/22-1	Wet	10/26/2021 7:38:00 AM	11/9/2021 8:25:00 PM	Butachlor	n/a	<	0.061	µg/L	EPA 525.2	0.061	0.5	WKL	
MO-OJA	2021/22-1	Wet	10/26/2021 7:38:00 AM	11/9/2021 8:25:00 PM	Captan	n/a	<	1.6	µg/L	EPA 525.2	1.6	5	WKL	
MO-OJA	2021/22-1	Wet	10/26/2021 7:38:00 AM	12/10/2021 8:48:00 PM	Chlordane (technical)	n/a	<	0.22	µg/L	EPA 608.3	0.22	0.5	WKL	
MO-OJA	2021/22-1	Wet	10/26/2021 7:38:00 AM	11/9/2021 8:25:00 PM	Chlorpropham	n/a	<	0.2	µg/L	EPA 525.2	0.2	0.5	WKL	
MO-OJA	2021/22-1	Wet	10/26/2021 7:38:00 AM	11/12/2021 9:57:00 PM	Chlorpyrifos	n/a	<	0.0069	µg/L	EPA 625.1m	0.0069	0.01	WKL	
MO-OJA	2021/22-1	Wet	10/26/2021 7:38:00 AM	11/12/2021 9:57:00 PM	Coumaphos	n/a	<	0.0051	µg/L	EPA 625.1m	0.0051	0.01	WKL	
MO-OJA	2021/22-1	Wet	10/26/2021 7:38:00 AM	11/8/2021 12:51:00 AM	Dalapon	n/a	<	0.11	µg/L	EPA 515.4	0.11	0.4	WKL	
MO-OJA	2021/22-1	Wet	10/26/2021 7:38:00 AM	11/8/2021 12:51:00 AM	DCCA (Daacthal)	n/a	<	0.029	µg/L	EPA 515.4	0.029	0.1	WKL	
MO-OJA	2021/22-1	Wet	10/26/2021 7:38:00 AM	12/10/2021 8:48:00 PM	delta-BHC	n/a	<	0.0095	µg/L	EPA 608.3	0.0095	0.025	WKL	
MO-OJA	2021/22-1	Wet	10/26/2021 7:38:00 AM	11/12/2021 9:57:00 PM	Demeton-O	n/a	<	0.01	µg/L	EPA 625.1m	0.01	0.01	WKL	
MO-OJA	2021/22-1	Wet	10/26/2021 7:38:00 AM	11/12/2021 9:57:00 PM	Demeton-S	n/a	<	0.01	µg/L	EPA 625.1m	0.01	0.01	WKL	
MO-OJA	2021/22-1	Wet	10/26/2021 7:38:00 AM	11/12/2021 9:57:00 PM	Diazinon	n/a	<	0.0052	µg/L	EPA 625.1m	0.0052	0.01	WKL	
MO-OJA	2021/22-1	Wet	10/26/2021 7:38:00 AM	11/9/2021 8:25:00 PM	Diazinon	n/a	<	0.11	µg/L	EPA 525.2	0.11	0.5	WKL	
MO-OJA	2021/22-1	Wet	10/26/2021 7:38:00 AM	11/8/2021 12:51:00 AM	Dicamba	n/a	<	0.049	µg/L	EPA 515.4	0.049	0.6	WKL	
MO-OJA	2021/22-1	Wet	10/26/2021 7:38:00 AM	11/8/2021 12:51:00 AM	Dichlorprop	n/a	<	0.12	µg/L	EPA 515.4	0.12	0.3	WKL	
MO-OJA	2021/22-1	Wet	10/26/2021 7:38:00 AM	11/12/2021 9:57:00 PM	Dichlorvos	n/a	<	0.0029	µg/L	EPA 625.1m	0.0029	0.01	WKL	
MO-OJA	2021/22-1	Wet	10/26/2021 7:38:00 AM	12/10/2021 8:48:00 PM	Dieldrin	n/a	<	0.004	µg/L	EPA 608.3	0.004	0.05	WKL	
MO-OJA	2021/22-1	Wet	10/26/2021 7:38:00 AM	11/9/2021 8:25:00 PM	Dimethoate	n/a	<	0.1	µg/L	EPA 525.2	0.1	1	WKL	
MO-OJA	2021/22-1	Wet	10/26/2021 7:38:00 AM	11/12/2021 9:57:00 PM	Dimethoate	n/a	<	0.0062	µg/L	EPA 625.1m	0.0062	0.01	WKL	EST-MSRPD
MO-OJA	2021/22-1	Wet	10/26/2021 7:38:00 AM	11/8/2021 12:51:00 AM	Dinoseb	n/a	<	0.4	µg/L	EPA 515.4	0.4	0.4	WKL	
MO-OJA	2021/22-1	Wet	10/26/2021 7:38:00 AM	11/9/2021 8:25:00 PM	Diphenamid	n/a	<	0.15	µg/L	EPA 525.2	0.15	0.5	WKL	
MO-OJA	2021/22-1	Wet	10/26/2021 7:38:00 AM	11/12/2021 9:57:00 PM	Disulfoton	n/a	<	0.01	µg/L	EPA 625.1m	0.01	0.01	WKL	
MO-OJA	2021/22-1	Wet	10/26/2021 7:38:00 AM	11/9/2021 8:25:00 PM	Disulfoton	n/a	<	0.077	µg/L	EPA 525.2	0.077	0.5	WKL	
MO-OJA	2021/22-1	Wet	10/26/2021 7:38:00 AM	12/10/2021 8:48:00 PM	Endosulfan I	n/a	<	0.0045	µg/L	EPA 608.3	0.0045	0.1	WKL	
MO-OJA	2021/22-1	Wet	10/26/2021 7:38:00 AM	12/10/2021 8:48:00 PM	Endosulfan II	n/a	<	0.0035	µg/L	EPA 608.3	0.0035	0.05	WKL	
MO-OJA	2021/22-1	Wet	10/26/2021 7:38:00 AM	12/10/2021 8:48:00 PM	Endosulfan sulfate	n/a	<	0.0065	µg/L	EPA 608.3	0.0065	0.25	WKL	
MO-OJA	2021/22-1	Wet	10/26/2021 7:38:00 AM	12/10/2021 8:48:00 PM	Endrin	n/a	<	0.0085	µg/L	EPA 608.3	0.0085	0.05	WKL	
MO-OJA	2021/22-1	Wet	10/26/2021 7:38:00 AM	12/10/2021 8:48:00 PM	Endrin aldehyde	n/a	<	0.0095	µg/L	EPA 608.3	0.0095	0.05	WKL	
MO-OJA	2021/22-1	Wet	10/26/2021 7:38:00 AM	11/9/2021 8:25:00 PM	EPTC	n/a	<	0.1	µg/L	EPA 525.2	0.1	0.5	WKL	
MO-OJA	2021/22-1	Wet	10/26/2021 7:38:00 AM	11/12/2021 9:57:00 PM	Ethoprop	n/a	<	0.0067	µg/L	EPA 625.1m	0.0067	0.01	WKL	
MO-OJA	2021/22-1	Wet	10/26/2021 7:38:00 AM	11/12/2021 9:57:00 PM	Ethyl parathion	n/a	<	0.0054	µg/L	EPA 625.1m	0.0054	0.01	WKL	
MO-OJA	2021/22-1	Wet	10/26/2021 7:38:00 AM	11/12/2021 9:57:00 PM	Fensulfthion	n/a	<	0.0029	µg/L	EPA 625.1m	0.0029	0.01	WKL	
MO-OJA	2021/22-1	Wet	10/26/2021 7:38:00 AM	11/12/2021 9:57:00 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-OJA	2021/22-1	Wet	10/26/2021 7:38:00 AM	12/10/2021 8:48:00 PM	gamma-BHC (Lindane)	n/a	<	0.002	µg/L	EPA 608.3	0.002	0.1	WKL	
MO-OJA	2021/22-1	Wet	10/26/2021 7:38:00 AM	11/8/2021 10:53:00 AM	Glyphosate	n/a	<	2.1	µg/L	EPA 547	2.1	25	BSKL	
MO-OJA	2021/22-1	Wet	10/26/2021 7:38:00 AM	12/10/2021 8:48:00 PM	Heptachlor	n/a	<	0.003	µg/L	EPA 608.3	0.003	0.05	WKL	
MO-OJA	2021/22-1	Wet	10/26/2021 7:38:00 AM	12/10/2021 8:48:00 PM	Heptachlor epoxide	n/a	<	0.002	µg/L	EPA 608.3	0.002	0.05	WKL	
MO-OJA	2021/22-1	Wet	10/26/2021 7:38:00 AM	11/12/2021 9:57:00 PM	Malathion	n/a	DNQ	0.0093	µg/L	EPA 625.1m	0.0076	0.01	WKL	
MO-OJA	2021/22-1	Wet	10/26/2021 7:38:00 AM	11/12/2021 9:57:00 PM	Merphos	n/a	<	0.0058	µg/L	EPA 625.1m	0.0058	0.01	WKL	
MO-OJA	2021/22-1	Wet	10/26/2021 7:38:00 AM	11/12/2021 9:57:00 PM	Methyl parathion	n/a	<	0.0063	µg/L	EPA 625.1m	0.0063	0.01	WKL	
MO-OJA	2021/22-1	Wet	10/26/2021 7:38:00 AM	11/9/2021 8:25:00 PM	Metolachlor	n/a	<	0.15	µg/L	EPA 525.2	0.15	0.5	WKL	
MO-OJA	2021/22-1	Wet	10/26/2021 7:38:00 AM	11/9/2021 8:25:00 PM	Metribuzin	n/a	<	0.15	µg/L	EPA 525.2	0.15	0.5	WKL	
MO-OJA	2021/22-1	Wet	10/26/2021 7:38:00 AM	11/12/2021 9:57:00 PM	Mevinphos	n/a	<	0.0042	µg/L	EPA 625.1m	0.0042	0.01	WKL	
MO-OJA	2021/22-1	Wet	10/26/2021 7:38:00 AM	11/9/2021 8:25:00 PM	Molinate	n/a	<	0.15	µg/L	EPA 525.2	0.15	0.5	WKL	
MO-OJA	2021/22-1	Wet	10/26/2021 7:38:00 AM	11/12/2021 9:57:00 PM	Naled	n/a	<	0.0076	µg/L	EPA 625.1m	0.0076	0.01	WKL	
MO-OJA	2021/22-1	Wet	10/26/2021 7:38:00 AM	11/19/2021 9:31:00 PM	Pentachlorophenol	n/a	DNQ	1.3	µg/L	EPA 8270C	0.3	2	WKL	EST-LCSRPD
MO-OJA	2021/22-1	Wet	10/26/2021 7:38:00 AM	11/22/2021 8:59:00 PM	Pentachlorophenol	n/a	DNQ	1.2	µg/L	EPA 625.1	0.8	2	WKL	
MO-OJA	2021/22-1	Wet	10/26/2021 7:38:00 AM	11/8/2021 12:51:00 AM	Pentachlorophenol	n/a	=	0.3	µg/L	EPA 515.4	0.046	0.2	WKL	
MO-OJA	2021/22-1	Wet	10/26/2021 7:38:00 AM	11/12/2021 9:57:00 PM	Phorate	n/a	<	0.003	µg/L	EPA 625.1m	0.003	0.01	WKL	
MO-OJA	2021/22-1	Wet	10/26/2021 7:38:00 AM	11/8/2021 12:51:00 AM	Picloram	n/a	<	0.05	µg/L	EPA 515.4	0.05	0.6	WKL	
MO-OJA	2021/22-1	Wet	10/26/2021 7:38:00 AM	11/9/2021 8:25:00 PM	Prometryn	n/a	<	0.15	µg/L	EPA 525.2	0.15	0.5	WKL	
MO-OJA	2021/22-1	Wet	10/26/2021 7:38:00 AM	11/12/2021 9:57:00 PM	Ronnel (Fenchlorphos)	n/a	<	0.0041	µg/L	EPA 625.1m	0.0041	0.01	WKL	
MO-OJA	2021/22-1	Wet	10/26/2021 7:38:00 AM	11/9/2021 8:25:00 PM	Simazine	n/a	<	0.1	µg/L	EPA 525.2	0.1	0.5	WKL	
MO-OJA	2021/22-1	Wet	10/26/2021 7:38:00 AM	11/12/2021 9:57:00 PM	Stirophos (Tetrachlorvinphos)	n/a	<	0.0031	µg/L	EPA 625.1m	0.0031	0.01	WKL	
MO-OJA	2021/22-1	Wet	10/26/2021 7:38:00 AM	11/9/2021 8:25:00 PM	Terbacil	n/a	<	0.45	µg/L	EPA 525.2	0.45	10	WKL	
MO-OJA	2021/22-1	Wet	10/26/2021 7:38:00 AM	11/9/2021 8:25:00 PM	Thiobencarb	n/a	<	0.15	µg/L	EPA 525.2	0.15	0.5	WKL	
MO-OJA	2021/22-1	Wet	10/26/2021 7:38:00 AM	11/12/2021 9:57:00 PM	Tokuthion	n/a	<	0.0078	µg/L	EPA 625.1m	0.0078	0.01	WKL	
MO-OJA	2021/22-1	Wet	10/26/2021 7:38:00 AM	12/10/2021 8:48:00 PM	Toxaphene	n/a	<	0.42	µg/L	EPA 608.3	0.42	2.5	WKL	
MO-OJA	2021/22-1	Wet	10/26/2021 7:38:00 AM	11/12/2021 9:57:00 PM	Trichloronate	n/a	<	0.0067	µg/L	EPA 625.1m	0.0067	0.01	WKL	
MO-OJA	2021/22-1	Wet	10/26/2021 7:38:00 AM	11/9/2021 8:25:00 PM	Trithion	n/a	<	0.1	µg/L	EPA 525.2	0.1	0.5	WKL	
MO-OJA	2021/22-2	Wet	12/14/2021 1:40:00 AM	12/15/2021 2:50:00 AM	E. Coli	n/a	=	14136	MPN/100 mL	MMO-MUG	10	10	VCHCA	
MO-OJA	2021/22-2	Wet	12/14/2021 1:40:00 AM	12/15/2021 2:50:00 AM	Total Coliform	n/a	=	173290	MPN/100 mL	MMO-MUG	100	100	VCHCA	
MO-OJA	2021/22-2	Wet	12/14/2021 1:40:00 AM	12/14/2021 1:40:00 AM	Conductivity	n/a	=	47.3	µmhos/cm	Field Meter	-88	1	Field Crew	
MO-OJA	2021/22-2	Wet	12/14/2021 1:40:00 AM	12/22/2021 2:52:00 PM	Cyanide	Total	<	0.0012	mg/L	ASTM D7511	0.0012	0.002	WKL	
MO-OJA	2021/22-2	Wet	12/14/2021 1:40:00 AM	12/14/2021 1:40:00 AM	DO	n/a	=	11.35	mg/L	Field Meter	-88	0.3	Field Crew	
MO-OJA	2021/22-2	Wet	12/14/2021 1:40:00 AM	12/14/2021 1:40:00 AM	DO	n/a	=	108.2	%	Field Meter	-88	0.1	Field Crew	
MO-OJA	2021/22-2	Wet	12/14/2021 1:40:00 AM	12/14/2021 1:40:00 AM	pH	n/a	=	6.98	pH Units	Field Meter	-88	0.01	Field Crew	
MO-OJA	2021/22-2	Wet	12/14/2021 1:40:00 AM	12/14/2021 1:40:00 AM	Salinity	n/a	<	100	mg/L	Field Meter	-88	100	Field Crew	
MO-OJA	2021/22-2	Wet	12/14/2021 1:40:00 AM	12/14/2021 1:40:00 AM	Specific Conductance	n/a	=	64.2	µmhos/cm	Field Meter	-88	1	Field Crew	
MO-OJA	2021/22-2	Wet	12/14/2021 1:40:00 AM	12/14/2021 1:40:00 AM	Temperature	n/a	=	11.2	°C	Field Meter	-88	0.1	Field Crew	
MO-OJA	2021/22-2	Wet	12/14/2021 1:40:00 AM	12/21/2021 12:32:00 PM	Gasoline Range Organics	n/a	DNQ	0.086	mg/L	EPA 8260B	0.065	0.1	WKL	
MO-OJA	2021/22-2	Wet	12/14/2021 1:40:00 AM	12/21/2021 4:20:00 PM	Oil and Grease	n/a	<	1.3	mg/L	EPA 1664B	1.3	5	WKL	
MO-OJA	2021/22-2	Wet	12/14/2021 1:40:00 AM	12/16/2021 9:12:00 PM	2-Chloroethyl vinyl ether	n/a	<	0.95	µg/L	EPA 624.1	0.95	5	WKL	DG
MO-OJA	2021/22-2	Wet	12/14/2021 1:40:00 AM	12/16/2021 9:12:00 PM	Methyl tert-butyl ether (MTBE)	n/a	<	2	µg/L	EPA 624.1	2	5	WKL	DG
MO-OJA	2021/22-2	Wet	12/14/2021 1:50:00 PM	12/16/2021 2:59:00 PM	Chloride	n/a	=	5.4	mg/L	EPA 300.0	0.38	1	WKL	
MO-OJA	2021/22-2	Wet	12/14/2021 1:50:00 PM	12/17/2021 11:39:00 PM	Fluoride	n/a	DNQ	0.042	mg/L	EPA 300.0	0.018	0.2	WKL	
MO-OJA	2021/22-2	Wet	12/14/2021 1:50:00 PM	12/18/2021 11:20:00 PM	Perchlorate	n/a	<	0.78	µg/L	EPA 314.0	0.78	4	WKL	
MO-OJA	2021/22-2	Wet	12/14/2021 1:50:00 PM	12/28/2021 2:18:00 PM	Calcium	Total	=	10.1	mg/L	EPA 200.7	0.16	0.5	WKL	
MO-OJA	2021/22-2	Wet	12/14/2021 1:50:00 PM	12/28/2021 2:18:00 PM	Magnesium	Total	=	4.22	mg/L	EPA 200.7	0.039	0.5	WKL	
MO-OJA	2021/22-2	Wet	12/14/2021 1:50:00 PM	12/20/2021 10:09:00 AM	Alkalinity as CaCO3	n/a	=	18	mg/L	SM 2320 B	2.3	5	WKL	
MO-OJA	2021/22-2	Wet	12/14/2021 1:50:00 PM	12/20/2021 7:17:00 PM	BOD	n/a	=	7.4	mg/L	SM 5210 B	2	2	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier	
MO-OJA	2021/22-2	Wet	12/14/2021 1:50:00 PM	1/2/2022 12:01:00 PM	COD	n/a	=	66	mg/L	EPA 410.4	2.9	5	WKL		
MO-OJA	2021/22-2	Wet	12/14/2021 1:50:00 PM	12/28/2021 2:18:00 PM	Hardness as CaCO3	Total	=	42.6	mg/L	EPA 200.7	0.56	3.31	WKL		
MO-OJA	2021/22-2	Wet	12/14/2021 1:50:00 PM	12/15/2021 7:26:00 PM	MBAS	n/a	DNQ	0.028	mg/L	SM 5540 C	0.013	0.05	WKL		
MO-OJA	2021/22-2	Wet	12/14/2021 1:50:00 PM	1/2/2022 11:48:00 AM	Phenolics	n/a	<	0.0068	mg/L	EPA 420.4	0.0068	0.01	WKL		
MO-OJA	2021/22-2	Wet	12/14/2021 1:50:00 PM	12/16/2021 1:52:00 PM	Specific Conductance	n/a	=	74	µmhos/cm	SM 2510 B	1.1	2	WKL		
MO-OJA	2021/22-2	Wet	12/14/2021 1:50:00 PM	12/20/2021 12:36:00 PM	Total Dissolved Solids	n/a	=	59	mg/L	SM 2540 C	4	10	WKL		
MO-OJA	2021/22-2	Wet	12/14/2021 1:50:00 PM	12/29/2021 2:20:00 PM	Total Organic Carbon	n/a	=	8.2	mg/L	SM 5310 B	0.19	0.3	WKL		
MO-OJA	2021/22-2	Wet	12/14/2021 1:50:00 PM	12/20/2021 7:00:00 PM	Total Suspended Solids	n/a	=	330	mg/L	SM 2540 D	-88	5	WKL		
MO-OJA	2021/22-2	Wet	12/14/2021 1:50:00 PM	12/15/2021 5:40:00 PM	Turbidity	n/a	=	60	NTU	EPA 180.1	1.7	10	WKL		
MO-OJA	2021/22-2	Wet	12/14/2021 1:50:00 PM	12/20/2021 7:00:00 PM	Volatile Suspended Solids	n/a	=	30	mg/L	EPA 160.4	3.1	5	WKL		
MO-OJA	2021/22-2	Wet	12/14/2021 1:50:00 PM	12/29/2021 7:05:00 PM	Diesel Range Organics	n/a	=	0.23	mg/L	EPA 8015B	0.072	0.1	WKL	EST-LCSRPD	
MO-OJA	2021/22-2	Wet	12/14/2021 1:50:00 PM	12/29/2021 7:05:00 PM	Oil Range Organics	n/a	<	0.33	mg/L	EPA 8015B	0.33	0.5	WKL		
MO-OJA	2021/22-2	Wet	12/14/2021 1:50:00 PM	1/4/2022 6:16:00 PM	Aluminum	Dissolved	=	59	µg/L	EPA 200.8	4.4	20	WKL		
MO-OJA	2021/22-2	Wet	12/14/2021 1:50:00 PM	1/4/2022 6:18:00 PM	Aluminum	Total	=	6600	µg/L	EPA 200.8	4.4	20	WKL		
MO-OJA	2021/22-2	Wet	12/14/2021 1:50:00 PM	1/4/2022 6:16:00 PM	Antimony	Dissolved	DNQ	0.13	µg/L	EPA 200.8	0.089	0.5	WKL		
MO-OJA	2021/22-2	Wet	12/14/2021 1:50:00 PM	1/4/2022 6:18:00 PM	Antimony	Total	DNQ	0.28	µg/L	EPA 200.8	0.089	0.5	WKL		
MO-OJA	2021/22-2	Wet	12/14/2021 1:50:00 PM	1/4/2022 6:16:00 PM	Arsenic	Dissolved	=	0.68	µg/L	EPA 200.8	0.074	0.4	WKL		
MO-OJA	2021/22-2	Wet	12/14/2021 1:50:00 PM	1/4/2022 6:18:00 PM	Arsenic	Total	=	2.4	µg/L	EPA 200.8	0.074	0.4	WKL		
MO-OJA	2021/22-2	Wet	12/14/2021 1:50:00 PM	1/4/2022 6:18:00 PM	Barium	Total	=	100	µg/L	EPA 200.8	0.14	1	WKL		
MO-OJA	2021/22-2	Wet	12/14/2021 1:50:00 PM	1/4/2022 6:16:00 PM	Beryllium	Dissolved	<	0.062	µg/L	EPA 200.8	0.062	0.1	WKL		
MO-OJA	2021/22-2	Wet	12/14/2021 1:50:00 PM	1/4/2022 6:18:00 PM	Beryllium	Total	=	0.34	µg/L	EPA 200.8	0.062	0.1	WKL		
MO-OJA	2021/22-2	Wet	12/14/2021 1:50:00 PM	1/4/2022 6:16:00 PM	Cadmium	Dissolved	<	0.042	µg/L	EPA 200.8	0.042	0.2	WKL		
MO-OJA	2021/22-2	Wet	12/14/2021 1:50:00 PM	1/4/2022 6:18:00 PM	Cadmium	Total	DNQ	0.19	µg/L	EPA 200.8	0.042	0.2	WKL		
MO-OJA	2021/22-2	Wet	12/14/2021 1:50:00 PM	1/4/2022 6:16:00 PM	Chromium	Dissolved	=	0.28	µg/L	EPA 200.8	0.089	0.2	WKL		
MO-OJA	2021/22-2	Wet	12/14/2021 1:50:00 PM	1/4/2022 6:18:00 PM	Chromium	Total	=	9.3	µg/L	EPA 200.8	0.089	0.2	WKL		
MO-OJA	2021/22-2	Wet	12/14/2021 1:50:00 PM	12/20/2021 2:28:00 PM	Chromium VI	n/a	=	0.12	µg/L	EPA 218.6	0.0079	0.02	WKL		
MO-OJA	2021/22-2	Wet	12/14/2021 1:50:00 PM	1/4/2022 6:16:00 PM	Copper	Dissolved	=	3.7	µg/L	EPA 200.8	0.23	0.5	WKL		
MO-OJA	2021/22-2	Wet	12/14/2021 1:50:00 PM	1/4/2022 6:18:00 PM	Copper	Total	=	24	µg/L	EPA 200.8	0.23	0.5	WKL		
MO-OJA	2021/22-2	Wet	12/14/2021 1:50:00 PM	1/4/2022 6:16:00 PM	Iron	Dissolved	=	78	µg/L	EPA 200.8	3.9	20	WKL		
MO-OJA	2021/22-2	Wet	12/14/2021 1:50:00 PM	1/4/2022 6:18:00 PM	Iron	Total	=	9300	µg/L	EPA 200.8	3.9	20	WKL		
MO-OJA	2021/22-2	Wet	12/14/2021 1:50:00 PM	1/4/2022 6:16:00 PM	Lead	Dissolved	DNQ	0.13	µg/L	EPA 200.8	0.083	0.2	WKL		
MO-OJA	2021/22-2	Wet	12/14/2021 1:50:00 PM	1/4/2022 6:18:00 PM	Lead	Total	=	9.6	µg/L	EPA 200.8	0.083	0.2	WKL		
MO-OJA	2021/22-2	Wet	12/14/2021 1:50:00 PM	12/27/2021 4:03:00 PM	Mercury	Dissolved	DNQ	21	ng/L	EPA 245.1	17	50	WKL	UL-MB	
MO-OJA	2021/22-2	Wet	12/14/2021 1:50:00 PM	12/27/2021 4:05:00 PM	Mercury	Total	DNQ	36	ng/L	EPA 245.1	17	50	WKL	UL-MB	
MO-OJA	2021/22-2	Wet	12/14/2021 1:50:00 PM	1/4/2022 6:16:00 PM	Nickel	Dissolved	DNQ	0.8	µg/L	EPA 200.8	0.16	2	WKL		
MO-OJA	2021/22-2	Wet	12/14/2021 1:50:00 PM	1/4/2022 6:18:00 PM	Nickel	Total	=	12	µg/L	EPA 200.8	0.16	2	WKL		
MO-OJA	2021/22-2	Wet	12/14/2021 1:50:00 PM	1/4/2022 6:16:00 PM	Selenium	Dissolved	<	0.067	µg/L	EPA 200.8	0.067	0.4	WKL		
MO-OJA	2021/22-2	Wet	12/14/2021 1:50:00 PM	1/4/2022 6:18:00 PM	Selenium	Total	DNQ	0.13	µg/L	EPA 200.8	0.067	0.4	WKL		
MO-OJA	2021/22-2	Wet	12/14/2021 1:50:00 PM	1/4/2022 6:16:00 PM	Silver	Dissolved	<	0.03	µg/L	EPA 200.8	0.03	0.2	WKL		
MO-OJA	2021/22-2	Wet	12/14/2021 1:50:00 PM	1/4/2022 6:18:00 PM	Silver	Total	DNQ	0.05	µg/L	EPA 200.8	0.03	0.2	WKL		
MO-OJA	2021/22-2	Wet	12/14/2021 1:50:00 PM	1/4/2022 6:16:00 PM	Thallium	Dissolved	<	0.021	µg/L	EPA 200.8	0.021	0.2	WKL		
MO-OJA	2021/22-2	Wet	12/14/2021 1:50:00 PM	1/4/2022 6:18:00 PM	Thallium	Total	DNQ	0.072	µg/L	EPA 200.8	0.021	0.2	WKL		
MO-OJA	2021/22-2	Wet	12/14/2021 1:50:00 PM	1/4/2022 6:16:00 PM	Zinc	Dissolved	DNQ	5.4	µg/L	EPA 200.8	0.8	10	WKL		
MO-OJA	2021/22-2	Wet	12/14/2021 1:50:00 PM	1/4/2022 6:18:00 PM	Zinc	Total	=	83	µg/L	EPA 200.8	0.8	10	WKL		
MO-OJA	2021/22-2	Wet	12/14/2021 1:50:00 PM	12/29/2021 3:38:00 PM	Ammonia as N	n/a	=	0.16	mg/L	EPA 350.1	0.017	0.1	WKL		
MO-OJA	2021/22-2	Wet	12/14/2021 1:50:00 PM	1/10/2022 4:49:00 PM	Nitrate + Nitrite as N	n/a	=	0.53	mg/L	EPA 353.2	0.036	0.2	WKL		
MO-OJA	2021/22-2	Wet	12/14/2021 1:50:00 PM	12/28/2021 2:15:00 PM	Phosphorus as P	Dissolved	=	0.27	mg/L	EPA 200.7	0.018	0.05	WKL		
MO-OJA	2021/22-2	Wet	12/14/2021 1:50:00 PM	12/28/2021 2:18:00 PM	Phosphorus as P	Total	=	0.61	mg/L	EPA 200.7	0.018	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-OJA	2021/22-2	Wet	12/14/2021 1:50:00 PM	1/6/2022 5:47:00 PM	TKN	n/a	=	1.7	mg/L	EPA 351.2	0.26	0.4	WKL	
MO-OJA	2021/22-2	Wet	12/14/2021 1:50:00 PM	1/18/2022 10:47:00 PM	1,2,4-Trichlorobenzene	n/a	<	0.49	µg/L	EPA 625.1	0.49	1	WKL	
MO-OJA	2021/22-2	Wet	12/14/2021 1:50:00 PM	1/18/2022 10:47:00 PM	1,2-Dichlorobenzene	n/a	<	0.46	µg/L	EPA 625.1	0.46	1	WKL	
MO-OJA	2021/22-2	Wet	12/14/2021 1:50:00 PM	1/18/2022 10:47:00 PM	1,2-Diphenylhydrazine	n/a	<	0.3	µg/L	EPA 625.1	0.3	1	WKL	
MO-OJA	2021/22-2	Wet	12/14/2021 1:50:00 PM	1/18/2022 10:47:00 PM	1,3-Dichlorobenzene	n/a	<	0.42	µg/L	EPA 625.1	0.42	1	WKL	
MO-OJA	2021/22-2	Wet	12/14/2021 1:50:00 PM	1/18/2022 10:47:00 PM	1,4-Dichlorobenzene	n/a	<	0.48	µg/L	EPA 625.1	0.48	1	WKL	
MO-OJA	2021/22-2	Wet	12/14/2021 1:50:00 PM	1/15/2022 10:29:00 AM	1-Methylnaphthalene	n/a	<	0.024	µg/L	EPA 8270C	0.024	0.1	WKL	
MO-OJA	2021/22-2	Wet	12/14/2021 1:50:00 PM	1/14/2022 4:38:00 AM	2,4,5-Trichlorophenol	n/a	<	0.29	µg/L	EPA 8270C	0.29	1	WKL	
MO-OJA	2021/22-2	Wet	12/14/2021 1:50:00 PM	1/14/2022 4:38:00 AM	2,4,6-Trichlorophenol	n/a	<	0.3	µg/L	EPA 8270C	0.3	1	WKL	
MO-OJA	2021/22-2	Wet	12/14/2021 1:50:00 PM	1/18/2022 10:47:00 PM	2,4,6-Trichlorophenol	n/a	<	0.22	µg/L	EPA 625.1	0.22	1	WKL	
MO-OJA	2021/22-2	Wet	12/14/2021 1:50:00 PM	1/18/2022 10:47:00 PM	2,4-Dichlorophenol	n/a	<	0.26	µg/L	EPA 625.1	0.26	1	WKL	
MO-OJA	2021/22-2	Wet	12/14/2021 1:50:00 PM	1/14/2022 4:38:00 AM	2,4-Dichlorophenol	n/a	<	0.51	µg/L	EPA 8270C	0.51	1	WKL	
MO-OJA	2021/22-2	Wet	12/14/2021 1:50:00 PM	1/14/2022 4:38:00 AM	2,4-Dimethylphenol	n/a	<	1	µg/L	EPA 8270C	1	2	WKL	EST-LCSRPD
MO-OJA	2021/22-2	Wet	12/14/2021 1:50:00 PM	1/18/2022 10:47:00 PM	2,4-Dimethylphenol	n/a	<	0.76	µg/L	EPA 625.1	0.76	1	WKL	LCSRPD, LB-L
MO-OJA	2021/22-2	Wet	12/14/2021 1:50:00 PM	1/14/2022 4:38:00 AM	2,4-Dinitrophenol	n/a	<	1	µg/L	EPA 8270C	1	2	WKL	
MO-OJA	2021/22-2	Wet	12/14/2021 1:50:00 PM	1/18/2022 10:47:00 PM	2,4-Dinitrophenol	n/a	<	1.9	µg/L	EPA 625.1	1.9	10	WKL	
MO-OJA	2021/22-2	Wet	12/14/2021 1:50:00 PM	1/18/2022 10:47:00 PM	2,4-Dinitrotoluene	n/a	<	0.46	µg/L	EPA 625.1	0.46	1	WKL	
MO-OJA	2021/22-2	Wet	12/14/2021 1:50:00 PM	1/18/2022 10:47:00 PM	2,6-Dinitrotoluene	n/a	<	0.27	µg/L	EPA 625.1	0.27	1	WKL	
MO-OJA	2021/22-2	Wet	12/14/2021 1:50:00 PM	1/18/2022 10:47:00 PM	2-Chloronaphthalene	n/a	<	0.45	µg/L	EPA 625.1	0.45	1	WKL	
MO-OJA	2021/22-2	Wet	12/14/2021 1:50:00 PM	1/18/2022 10:47:00 PM	2-Chlorophenol	n/a	<	0.28	µg/L	EPA 625.1	0.28	1	WKL	
MO-OJA	2021/22-2	Wet	12/14/2021 1:50:00 PM	1/14/2022 4:38:00 AM	2-Chlorophenol	n/a	<	0.65	µg/L	EPA 8270C	0.65	1	WKL	
MO-OJA	2021/22-2	Wet	12/14/2021 1:50:00 PM	1/15/2022 10:29:00 AM	2-Methylnaphthalene	n/a	<	0.026	µg/L	EPA 8270C	0.026	0.1	WKL	
MO-OJA	2021/22-2	Wet	12/14/2021 1:50:00 PM	1/14/2022 4:38:00 AM	2-Methylphenol	n/a	<	0.34	µg/L	EPA 8270C	0.34	1	WKL	
MO-OJA	2021/22-2	Wet	12/14/2021 1:50:00 PM	1/18/2022 10:47:00 PM	2-Nitrophenol	n/a	<	0.26	µg/L	EPA 625.1	0.26	1	WKL	
MO-OJA	2021/22-2	Wet	12/14/2021 1:50:00 PM	1/14/2022 4:38:00 AM	2-Nitrophenol	n/a	<	0.71	µg/L	EPA 8270C	0.71	1	WKL	
MO-OJA	2021/22-2	Wet	12/14/2021 1:50:00 PM	1/18/2022 10:47:00 PM	3,3'-Dichlorobenzidine	n/a	<	2.5	µg/L	EPA 625.1	2.5	5	WKL	
MO-OJA	2021/22-2	Wet	12/14/2021 1:50:00 PM	1/14/2022 4:38:00 AM	3-4-Methylphenol	n/a	<	0.3	µg/L	EPA 8270C	0.3	1	WKL	
MO-OJA	2021/22-2	Wet	12/14/2021 1:50:00 PM	1/14/2022 4:38:00 AM	4,6-Dinitro-2-methylphenol	n/a	<	0.14	µg/L	EPA 8270C	0.14	1	WKL	
MO-OJA	2021/22-2	Wet	12/14/2021 1:50:00 PM	1/18/2022 10:47:00 PM	4,6-Dinitro-2-methylphenol	n/a	<	0.5	µg/L	EPA 625.1	0.5	5	WKL	
MO-OJA	2021/22-2	Wet	12/14/2021 1:50:00 PM	1/18/2022 10:47:00 PM	4-Bromophenyl phenyl ether	n/a	<	0.36	µg/L	EPA 625.1	0.36	1	WKL	
MO-OJA	2021/22-2	Wet	12/14/2021 1:50:00 PM	1/14/2022 4:38:00 AM	4-Chloro-3-methylphenol	n/a	<	0.37	µg/L	EPA 8270C	0.37	1	WKL	
MO-OJA	2021/22-2	Wet	12/14/2021 1:50:00 PM	1/18/2022 10:47:00 PM	4-Chloro-3-methylphenol	n/a	<	0.23	µg/L	EPA 625.1	0.23	1	WKL	
MO-OJA	2021/22-2	Wet	12/14/2021 1:50:00 PM	1/18/2022 10:47:00 PM	4-Chlorophenyl phenyl ether	n/a	<	0.41	µg/L	EPA 625.1	0.41	1	WKL	
MO-OJA	2021/22-2	Wet	12/14/2021 1:50:00 PM	1/18/2022 10:47:00 PM	4-Nitrophenol	n/a	<	1.2	µg/L	EPA 625.1	1.2	5	WKL	
MO-OJA	2021/22-2	Wet	12/14/2021 1:50:00 PM	1/14/2022 4:38:00 AM	4-Nitrophenol	n/a	<	1	µg/L	EPA 8270C	1	2	WKL	
MO-OJA	2021/22-2	Wet	12/14/2021 1:50:00 PM	1/18/2022 10:47:00 PM	Acenaphthene	n/a	<	0.38	µg/L	EPA 625.1	0.38	1	WKL	
MO-OJA	2021/22-2	Wet	12/14/2021 1:50:00 PM	1/15/2022 10:29:00 AM	Acenaphthene	n/a	<	0.028	µg/L	EPA 8270C	0.028	0.1	WKL	
MO-OJA	2021/22-2	Wet	12/14/2021 1:50:00 PM	1/18/2022 10:47:00 PM	Acenaphthylene	n/a	<	0.35	µg/L	EPA 625.1	0.35	1	WKL	
MO-OJA	2021/22-2	Wet	12/14/2021 1:50:00 PM	1/15/2022 10:29:00 AM	Acenaphthylene	n/a	<	0.033	µg/L	EPA 8270C	0.033	0.1	WKL	
MO-OJA	2021/22-2	Wet	12/14/2021 1:50:00 PM	1/18/2022 10:47:00 PM	Anthracene	n/a	<	0.41	µg/L	EPA 625.1	0.41	1	WKL	
MO-OJA	2021/22-2	Wet	12/14/2021 1:50:00 PM	1/15/2022 10:29:00 AM	Anthracene	n/a	<	0.025	µg/L	EPA 8270C	0.025	0.1	WKL	
MO-OJA	2021/22-2	Wet	12/14/2021 1:50:00 PM	1/15/2022 10:29:00 AM	Benz(a)anthracene	n/a	<	0.051	µg/L	EPA 8270C	0.051	0.1	WKL	
MO-OJA	2021/22-2	Wet	12/14/2021 1:50:00 PM	1/18/2022 10:47:00 PM	Benz(a)anthracene	n/a	<	0.19	µg/L	EPA 625.1	0.19	1	WKL	
MO-OJA	2021/22-2	Wet	12/14/2021 1:50:00 PM	1/18/2022 10:47:00 PM	Benzenzidine	n/a	<	3.2	µg/L	EPA 625.1	3.2	10	WKL	
MO-OJA	2021/22-2	Wet	12/14/2021 1:50:00 PM	1/15/2022 10:29:00 AM	Benzo(a)pyrene	n/a	<	0.051	µg/L	EPA 8270C	0.051	0.1	WKL	
MO-OJA	2021/22-2	Wet	12/14/2021 1:50:00 PM	1/18/2022 10:47:00 PM	Benzo(a)pyrene	n/a	<	0.39	µg/L	EPA 625.1	0.39	1	WKL	
MO-OJA	2021/22-2	Wet	12/14/2021 1:50:00 PM	12/23/2021 7:40:00 PM	Benzo(a)pyrene	n/a	<	0.2	µg/L	EPA 525.2	0.2	1	WKL	
MO-OJA	2021/22-2	Wet	12/14/2021 1:50:00 PM	1/18/2022 10:47:00 PM	Benzo(b)fluoranthene	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-OJA	2021/22-2	Wet	12/14/2021 1:50:00 PM	1/15/2022 10:29:00 AM	Benzo(b)fluoranthene	n/a	<	0.074	µg/L	EPA 8270C	0.074	0.1	WKL	
MO-OJA	2021/22-2	Wet	12/14/2021 1:50:00 PM	1/18/2022 10:47:00 PM	Benzo(g,h,i)perylene	n/a	<	0.42	µg/L	EPA 625.1	0.42	2	WKL	
MO-OJA	2021/22-2	Wet	12/14/2021 1:50:00 PM	1/15/2022 10:29:00 AM	Benzo(g,h,i)perylene	n/a	<	0.05	µg/L	EPA 8270C	0.05	0.1	WKL	
MO-OJA	2021/22-2	Wet	12/14/2021 1:50:00 PM	1/15/2022 10:29:00 AM	Benzo(k)fluoranthene	n/a	<	0.026	µg/L	EPA 8270C	0.026	0.1	WKL	
MO-OJA	2021/22-2	Wet	12/14/2021 1:50:00 PM	1/18/2022 10:47:00 PM	Benzo(k)fluoranthene	n/a	<	0.22	µg/L	EPA 625.1	0.22	1	WKL	
MO-OJA	2021/22-2	Wet	12/14/2021 1:50:00 PM	1/18/2022 10:47:00 PM	Bis(2-chloroethoxy)methane	n/a	<	0.25	µg/L	EPA 625.1	0.25	1	WKL	
MO-OJA	2021/22-2	Wet	12/14/2021 1:50:00 PM	1/18/2022 10:47:00 PM	Bis(2-chloroethyl)ether	n/a	<	0.27	µg/L	EPA 625.1	0.27	1	WKL	
MO-OJA	2021/22-2	Wet	12/14/2021 1:50:00 PM	1/18/2022 10:47:00 PM	Bis(2-chloroisopropyl)ether	n/a	<	0.38	µg/L	EPA 625.1	0.38	1	WKL	
MO-OJA	2021/22-2	Wet	12/14/2021 1:50:00 PM	12/23/2021 7:40:00 PM	Bis(2-ethylhexyl)adipate	n/a	<	4.2	µg/L	EPA 525.2	4.2	50	WKL	
MO-OJA	2021/22-2	Wet	12/14/2021 1:50:00 PM	12/23/2021 7:40:00 PM	Bis(2-ethylhexyl)phthalate	n/a	<	4.1	µg/L	EPA 525.2	4.1	30	WKL	
MO-OJA	2021/22-2	Wet	12/14/2021 1:50:00 PM	1/18/2022 10:47:00 PM	Bis(2-ethylhexyl)phthalate	n/a	<	2.3	µg/L	EPA 625.1	2.3	5	WKL	
MO-OJA	2021/22-2	Wet	12/14/2021 1:50:00 PM	1/18/2022 10:47:00 PM	Butyl benzyl phthalate	n/a	DNQ	0.79	µg/L	EPA 625.1	0.49	1	WKL	
MO-OJA	2021/22-2	Wet	12/14/2021 1:50:00 PM	1/15/2022 10:29:00 AM	Chrysene	n/a	<	0.074	µg/L	EPA 8270C	0.074	0.1	WKL	
MO-OJA	2021/22-2	Wet	12/14/2021 1:50:00 PM	1/18/2022 10:47:00 PM	Chrysene	n/a	<	0.19	µg/L	EPA 625.1	0.19	1	WKL	
MO-OJA	2021/22-2	Wet	12/14/2021 1:50:00 PM	1/15/2022 10:29:00 AM	Dibenz(a,h)anthracene	n/a	<	0.036	µg/L	EPA 8270C	0.036	0.1	WKL	
MO-OJA	2021/22-2	Wet	12/14/2021 1:50:00 PM	1/18/2022 10:47:00 PM	Dibenz(a,h)anthracene	n/a	<	0.15	µg/L	EPA 625.1	0.15	2	WKL	
MO-OJA	2021/22-2	Wet	12/14/2021 1:50:00 PM	1/18/2022 10:47:00 PM	Diethyl phthalate	n/a	<	0.35	µg/L	EPA 625.1	0.35	1	WKL	
MO-OJA	2021/22-2	Wet	12/14/2021 1:50:00 PM	1/18/2022 10:47:00 PM	Dimethyl phthalate	n/a	<	0.18	µg/L	EPA 625.1	0.18	1	WKL	
MO-OJA	2021/22-2	Wet	12/14/2021 1:50:00 PM	1/18/2022 10:47:00 PM	Di-n-butylphthalate	n/a	DNQ	0.43	µg/L	EPA 625.1	0.34	1	WKL	
MO-OJA	2021/22-2	Wet	12/14/2021 1:50:00 PM	1/18/2022 10:47:00 PM	Di-n-octylphthalate	n/a	<	0.46	µg/L	EPA 625.1	0.46	1	WKL	
MO-OJA	2021/22-2	Wet	12/14/2021 1:50:00 PM	1/15/2022 10:29:00 AM	Fluoranthene	n/a	DNQ	0.07	µg/L	EPA 8270C	0.039	0.1	WKL	
MO-OJA	2021/22-2	Wet	12/14/2021 1:50:00 PM	1/18/2022 10:47:00 PM	Fluoranthene	n/a	<	0.35	µg/L	EPA 625.1	0.35	1	WKL	
MO-OJA	2021/22-2	Wet	12/14/2021 1:50:00 PM	1/18/2022 10:47:00 PM	Fluorene	n/a	<	0.35	µg/L	EPA 625.1	0.35	1	WKL	
MO-OJA	2021/22-2	Wet	12/14/2021 1:50:00 PM	1/15/2022 10:29:00 AM	Fluorene	n/a	<	0.029	µg/L	EPA 8270C	0.029	0.1	WKL	
MO-OJA	2021/22-2	Wet	12/14/2021 1:50:00 PM	1/18/2022 10:47:00 PM	Hexachlorobenzene	n/a	<	0.49	µg/L	EPA 625.1	0.49	1	WKL	
MO-OJA	2021/22-2	Wet	12/14/2021 1:50:00 PM	1/18/2022 10:47:00 PM	Hexachlorobutadiene	n/a	<	0.47	µg/L	EPA 625.1	0.47	1	WKL	
MO-OJA	2021/22-2	Wet	12/14/2021 1:50:00 PM	12/23/2021 7:40:00 PM	Hexachlorocyclopentadiene	n/a	<	0.92	µg/L	EPA 525.2	0.92	10	WKL	
MO-OJA	2021/22-2	Wet	12/14/2021 1:50:00 PM	1/18/2022 10:47:00 PM	Hexachlorocyclopentadiene	n/a	<	0.31	µg/L	EPA 625.1	0.31	5	WKL	
MO-OJA	2021/22-2	Wet	12/14/2021 1:50:00 PM	1/18/2022 10:47:00 PM	Hexachloroethane	n/a	<	0.5	µg/L	EPA 625.1	0.5	1	WKL	
MO-OJA	2021/22-2	Wet	12/14/2021 1:50:00 PM	1/15/2022 10:29:00 AM	Indeno(1,2,3-cd)pyrene	n/a	<	0.065	µg/L	EPA 8270C	0.065	0.1	WKL	
MO-OJA	2021/22-2	Wet	12/14/2021 1:50:00 PM	1/18/2022 10:47:00 PM	Indeno(1,2,3-cd)pyrene	n/a	<	0.25	µg/L	EPA 625.1	0.25	2	WKL	
MO-OJA	2021/22-2	Wet	12/14/2021 1:50:00 PM	1/18/2022 10:47:00 PM	Isophorone	n/a	<	0.21	µg/L	EPA 625.1	0.21	1	WKL	
MO-OJA	2021/22-2	Wet	12/14/2021 1:50:00 PM	1/18/2022 10:47:00 PM	Naphthalene	n/a	<	0.49	µg/L	EPA 625.1	0.49	1	WKL	
MO-OJA	2021/22-2	Wet	12/14/2021 1:50:00 PM	1/15/2022 10:29:00 AM	Naphthalene	n/a	<	0.026	µg/L	EPA 8270C	0.026	0.1	WKL	
MO-OJA	2021/22-2	Wet	12/14/2021 1:50:00 PM	1/18/2022 10:47:00 PM	Nitrobenzene	n/a	<	0.36	µg/L	EPA 625.1	0.36	1	WKL	
MO-OJA	2021/22-2	Wet	12/14/2021 1:50:00 PM	1/18/2022 10:47:00 PM	N-Nitrosodimethylamine	n/a	<	0.5	µg/L	EPA 625.1	0.5	1	WKL	
MO-OJA	2021/22-2	Wet	12/14/2021 1:50:00 PM	1/18/2022 10:47:00 PM	N-Nitrosodi-N-propylamine	n/a	<	0.26	µg/L	EPA 625.1	0.26	1	WKL	
MO-OJA	2021/22-2	Wet	12/14/2021 1:50:00 PM	1/18/2022 10:47:00 PM	N-Nitrosodiphenylamine	n/a	<	0.19	µg/L	EPA 625.1	0.19	1	WKL	
MO-OJA	2021/22-2	Wet	12/14/2021 1:50:00 PM	1/18/2022 10:47:00 PM	Phenanthrene	n/a	<	0.32	µg/L	EPA 625.1	0.32	1	WKL	
MO-OJA	2021/22-2	Wet	12/14/2021 1:50:00 PM	1/15/2022 10:29:00 AM	Phenanthrene	n/a	<	0.029	µg/L	EPA 8270C	0.029	0.1	WKL	
MO-OJA	2021/22-2	Wet	12/14/2021 1:50:00 PM	1/14/2022 4:38:00 AM	Phenol	n/a	<	0.35	µg/L	EPA 8270C	0.35	1	WKL	
MO-OJA	2021/22-2	Wet	12/14/2021 1:50:00 PM	1/18/2022 10:47:00 PM	Phenol	n/a	<	0.81	µg/L	EPA 625.1	0.81	1	WKL	
MO-OJA	2021/22-2	Wet	12/14/2021 1:50:00 PM	1/18/2022 10:47:00 PM	Pyrene	n/a	<	0.25	µg/L	EPA 625.1	0.25	1	WKL	
MO-OJA	2021/22-2	Wet	12/14/2021 1:50:00 PM	1/15/2022 10:29:00 AM	Pyrene	n/a	DNQ	0.065	µg/L	EPA 8270C	0.04	0.1	WKL	
MO-OJA	2021/22-2	Wet	12/14/2021 1:50:00 PM	1/13/2022 10:03:00 AM	PCB Aroclor 1016	n/a	<	1	µg/L	EPA 608.3	1	1	WKL	
MO-OJA	2021/22-2	Wet	12/14/2021 1:50:00 PM	1/13/2022 10:03:00 AM	PCB Aroclor 1221	n/a	<	1	µg/L	EPA 608.3	1	1	WKL	
MO-OJA	2021/22-2	Wet	12/14/2021 1:50:00 PM	1/13/2022 10:03:00 AM	PCB Aroclor 1232	n/a	<	1	µg/L	EPA 608.3	1	1	WKL	
MO-OJA	2021/22-2	Wet	12/14/2021 1:50:00 PM	1/13/2022 10:03:00 AM	PCB Aroclor 1242	n/a	<	1	µg/L	EPA 608.3	1	1	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-OJA	2021/22-2	Wet	12/14/2021 1:50:00 PM	1/13/2022 10:03:00 AM	PCB Aroclor 1248	n/a	<	1	µg/L	EPA 608.3	1	1	WKL	
MO-OJA	2021/22-2	Wet	12/14/2021 1:50:00 PM	1/13/2022 10:03:00 AM	PCB Aroclor 1254	n/a	<	1	µg/L	EPA 608.3	1	1	WKL	
MO-OJA	2021/22-2	Wet	12/14/2021 1:50:00 PM	1/13/2022 10:03:00 AM	PCB Aroclor 1260	n/a	<	1	µg/L	EPA 608.3	1	1	WKL	
MO-OJA	2021/22-2	Wet	12/14/2021 1:50:00 PM	1/6/2022 8:17:00 PM	2,4,5-T	n/a	<	0.03	µg/L	EPA 515.4	0.03	0.2	WKL	
MO-OJA	2021/22-2	Wet	12/14/2021 1:50:00 PM	1/6/2022 8:17:00 PM	2,4,5-TP	n/a	<	0.026	µg/L	EPA 515.4	0.026	0.2	WKL	
MO-OJA	2021/22-2	Wet	12/14/2021 1:50:00 PM	1/6/2022 8:17:00 PM	2,4-D	n/a	<	0.4	µg/L	EPA 515.4	0.4	0.4	WKL	
MO-OJA	2021/22-2	Wet	12/14/2021 1:50:00 PM	1/6/2022 8:17:00 PM	2,4-DB	n/a	<	2	µg/L	EPA 515.4	2	2	WKL	
MO-OJA	2021/22-2	Wet	12/14/2021 1:50:00 PM	1/6/2022 8:17:00 PM	3,5-Dichlorobenzoic acid	n/a	<	0.12	µg/L	EPA 515.4	0.12	1	WKL	
MO-OJA	2021/22-2	Wet	12/14/2021 1:50:00 PM	1/13/2022 10:03:00 AM	4,4'-DDD	n/a	<	0.0014	µg/L	EPA 608.3	0.0014	0.1	WKL	
MO-OJA	2021/22-2	Wet	12/14/2021 1:50:00 PM	1/13/2022 10:03:00 AM	4,4'-DDE	n/a	DNQ	0.0047	µg/L	EPA 608.3	0.0014	0.1	WKL	
MO-OJA	2021/22-2	Wet	12/14/2021 1:50:00 PM	1/13/2022 10:03:00 AM	4,4'-DDT	n/a	DNQ	0.0041	µg/L	EPA 608.3	0.0022	0.02	WKL	
MO-OJA	2021/22-2	Wet	12/14/2021 1:50:00 PM	1/6/2022 8:17:00 PM	Acifluorfen	n/a	<	0.03	µg/L	EPA 515.4	0.03	0.4	WKL	
MO-OJA	2021/22-2	Wet	12/14/2021 1:50:00 PM	12/23/2021 7:40:00 PM	Alachlor	n/a	<	0.3	µg/L	EPA 525.2	0.3	1	WKL	
MO-OJA	2021/22-2	Wet	12/14/2021 1:50:00 PM	1/13/2022 10:03:00 AM	Aldrin	n/a	<	0.002	µg/L	EPA 608.3	0.002	0.01	WKL	
MO-OJA	2021/22-2	Wet	12/14/2021 1:50:00 PM	1/13/2022 10:03:00 AM	alpha-BHC	n/a	<	0.0022	µg/L	EPA 608.3	0.0022	0.02	WKL	
MO-OJA	2021/22-2	Wet	12/14/2021 1:50:00 PM	1/13/2022 10:03:00 AM	alpha-Chlordane	n/a	<	0.0058	µg/L	EPA 608.3	0.0058	0.02	WKL	
MO-OJA	2021/22-2	Wet	12/14/2021 1:50:00 PM	12/23/2021 7:40:00 PM	Atrazine	n/a	<	0.11	µg/L	EPA 525.2	0.11	1	WKL	
MO-OJA	2021/22-2	Wet	12/14/2021 1:50:00 PM	12/28/2021 7:13:00 AM	Azinphos methyl	n/a	<	0.028	µg/L	EPA 625.1m	0.028	0.05	WKL	
MO-OJA	2021/22-2	Wet	12/14/2021 1:50:00 PM	1/6/2022 8:17:00 PM	Bentazon	n/a	<	0.23	µg/L	EPA 515.4	0.23	2	WKL	
MO-OJA	2021/22-2	Wet	12/14/2021 1:50:00 PM	1/13/2022 10:03:00 AM	beta-BHC	n/a	<	0.003	µg/L	EPA 608.3	0.003	0.01	WKL	
MO-OJA	2021/22-2	Wet	12/14/2021 1:50:00 PM	12/28/2021 7:13:00 AM	Bolstar	n/a	<	0.023	µg/L	EPA 625.1m	0.023	0.05	WKL	
MO-OJA	2021/22-2	Wet	12/14/2021 1:50:00 PM	12/23/2021 7:40:00 PM	Bromacil	n/a	<	0.7	µg/L	EPA 525.2	0.7	5	WKL	
MO-OJA	2021/22-2	Wet	12/14/2021 1:50:00 PM	12/23/2021 7:40:00 PM	Butachlor	n/a	<	0.12	µg/L	EPA 525.2	0.12	1	WKL	
MO-OJA	2021/22-2	Wet	12/14/2021 1:50:00 PM	12/23/2021 7:40:00 PM	Captan	n/a	<	3.2	µg/L	EPA 525.2	3.2	10	WKL	
MO-OJA	2021/22-2	Wet	12/14/2021 1:50:00 PM	1/13/2022 10:03:00 AM	Chlordane (technical)	n/a	<	0.2	µg/L	EPA 608.3	0.2	0.2	WKL	
MO-OJA	2021/22-2	Wet	12/14/2021 1:50:00 PM	12/23/2021 7:40:00 PM	Chlorpropham	n/a	<	0.4	µg/L	EPA 525.2	0.4	1	WKL	
MO-OJA	2021/22-2	Wet	12/14/2021 1:50:00 PM	12/28/2021 7:13:00 AM	Chlorpyrifos	n/a	<	0.034	µg/L	EPA 625.1m	0.034	0.05	WKL	
MO-OJA	2021/22-2	Wet	12/14/2021 1:50:00 PM	12/28/2021 7:13:00 AM	Coumaphos	n/a	<	0.026	µg/L	EPA 625.1m	0.026	0.05	WKL	
MO-OJA	2021/22-2	Wet	12/14/2021 1:50:00 PM	1/6/2022 8:17:00 PM	Dalapon	n/a	<	0.11	µg/L	EPA 515.4	0.11	0.4	WKL	
MO-OJA	2021/22-2	Wet	12/14/2021 1:50:00 PM	1/6/2022 8:17:00 PM	DCPA (Dacthal)	n/a	<	0.029	µg/L	EPA 515.4	0.029	0.1	WKL	
MO-OJA	2021/22-2	Wet	12/14/2021 1:50:00 PM	1/13/2022 10:03:00 AM	delta-BHC	n/a	<	0.0038	µg/L	EPA 608.3	0.0038	0.01	WKL	EST-LCSRPD
MO-OJA	2021/22-2	Wet	12/14/2021 1:50:00 PM	12/28/2021 7:13:00 AM	Demeton-O	n/a	<	0.05	µg/L	EPA 625.1m	0.05	0.05	WKL	
MO-OJA	2021/22-2	Wet	12/14/2021 1:50:00 PM	12/28/2021 7:13:00 AM	Demeton-S	n/a	<	0.05	µg/L	EPA 625.1m	0.05	0.05	WKL	LB-LCSR
MO-OJA	2021/22-2	Wet	12/14/2021 1:50:00 PM	12/23/2021 7:40:00 PM	Diazinon	n/a	<	0.22	µg/L	EPA 525.2	0.22	1	WKL	
MO-OJA	2021/22-2	Wet	12/14/2021 1:50:00 PM	12/28/2021 7:13:00 AM	Diazinon	n/a	<	0.026	µg/L	EPA 625.1m	0.026	0.05	WKL	
MO-OJA	2021/22-2	Wet	12/14/2021 1:50:00 PM	1/6/2022 8:17:00 PM	Dicamba	n/a	<	0.049	µg/L	EPA 515.4	0.049	0.6	WKL	
MO-OJA	2021/22-2	Wet	12/14/2021 1:50:00 PM	1/6/2022 8:17:00 PM	Dichlorprop	n/a	<	0.12	µg/L	EPA 515.4	0.12	0.3	WKL	
MO-OJA	2021/22-2	Wet	12/14/2021 1:50:00 PM	12/28/2021 7:13:00 AM	Dichlorvos	n/a	<	0.014	µg/L	EPA 625.1m	0.014	0.05	WKL	
MO-OJA	2021/22-2	Wet	12/14/2021 1:50:00 PM	1/13/2022 10:03:00 AM	Dieldrin	n/a	<	0.0016	µg/L	EPA 608.3	0.0016	0.02	WKL	
MO-OJA	2021/22-2	Wet	12/14/2021 1:50:00 PM	12/28/2021 7:13:00 AM	Dimethoate	n/a	<	0.031	µg/L	EPA 625.1m	0.031	0.05	WKL	LB-LCSR
MO-OJA	2021/22-2	Wet	12/14/2021 1:50:00 PM	12/23/2021 7:40:00 PM	Dimethoate	n/a	<	0.2	µg/L	EPA 525.2	0.2	2	WKL	
MO-OJA	2021/22-2	Wet	12/14/2021 1:50:00 PM	1/6/2022 8:17:00 PM	Dinoseb	n/a	<	0.033	µg/L	EPA 515.4	0.033	0.4	WKL	
MO-OJA	2021/22-2	Wet	12/14/2021 1:50:00 PM	12/23/2021 7:40:00 PM	Diphenamid	n/a	<	0.3	µg/L	EPA 525.2	0.3	1	WKL	
MO-OJA	2021/22-2	Wet	12/14/2021 1:50:00 PM	12/23/2021 7:40:00 PM	Disulfoton	n/a	<	0.15	µg/L	EPA 525.2	0.15	1	WKL	
MO-OJA	2021/22-2	Wet	12/14/2021 1:50:00 PM	12/28/2021 7:13:00 AM	Disulfoton	n/a	<	0.05	µg/L	EPA 625.1m	0.05	0.05	WKL	
MO-OJA	2021/22-2	Wet	12/14/2021 1:50:00 PM	1/13/2022 10:03:00 AM	Endosulfan I	n/a	<	0.0018	µg/L	EPA 608.3	0.0018	0.04	WKL	
MO-OJA	2021/22-2	Wet	12/14/2021 1:50:00 PM	1/13/2022 10:03:00 AM	Endosulfan II	n/a	<	0.0014	µg/L	EPA 608.3	0.0014	0.02	WKL	
MO-OJA	2021/22-2	Wet	12/14/2021 1:50:00 PM	1/13/2022 10:03:00 AM	Endosulfan sulfate	n/a	<	0.0026	µg/L	EPA 608.3	0.0026	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	2021/22-2	Wet	12/14/2021 1:50:00 PM	1/13/2022 10:03:00 AM	Endrin	n/a	<	0.0034	µg/L	EPA 608.3	0.0034	0.02	WKL	
MO-OJA	2021/22-2	Wet	12/14/2021 1:50:00 PM	1/13/2022 10:03:00 AM	Endrin aldehyde	n/a	<	0.0038	µg/L	EPA 608.3	0.0038	0.02	WKL	
MO-OJA	2021/22-2	Wet	12/14/2021 1:50:00 PM	12/23/2021 7:40:00 PM	EPTC	n/a	<	0.2	µg/L	EPA 525.2	0.2	1	WKL	
MO-OJA	2021/22-2	Wet	12/14/2021 1:50:00 PM	12/28/2021 7:13:00 AM	Ethoprop	n/a	<	0.034	µg/L	EPA 625.1m	0.034	0.05	WKL	LB-LCSR
MO-OJA	2021/22-2	Wet	12/14/2021 1:50:00 PM	12/28/2021 7:13:00 AM	Ethyl parathion	n/a	<	0.027	µg/L	EPA 625.1m	0.027	0.05	WKL	
MO-OJA	2021/22-2	Wet	12/14/2021 1:50:00 PM	12/28/2021 7:13:00 AM	Fensulfothion	n/a	<	0.014	µg/L	EPA 625.1m	0.014	0.05	WKL	
MO-OJA	2021/22-2	Wet	12/14/2021 1:50:00 PM	12/28/2021 7:13:00 AM	Fenthion	n/a	<	0.019	µg/L	EPA 625.1m	0.019	0.05	WKL	
MO-OJA	2021/22-2	Wet	12/14/2021 1:50:00 PM	1/13/2022 10:03:00 AM	gamma-BHC (Lindane)	n/a	<	0.0008	µg/L	EPA 608.3	0.0008	0.04	WKL	
MO-OJA	2021/22-2	Wet	12/14/2021 1:50:00 PM	1/13/2022 10:03:00 AM	gamma-Chlordane	n/a	<	0.0046	µg/L	EPA 608.3	0.0046	0.02	WKL	
MO-OJA	2021/22-2	Wet	12/14/2021 1:50:00 PM	12/17/2021 3:44:00 AM	Glyphosate	n/a	=	7.3	µg/L	EPA 547	1.8	5	WKL	
MO-OJA	2021/22-2	Wet	12/14/2021 1:50:00 PM	1/13/2022 10:03:00 AM	Heptachlor	n/a	<	0.0012	µg/L	EPA 608.3	0.0012	0.02	WKL	
MO-OJA	2021/22-2	Wet	12/14/2021 1:50:00 PM	1/13/2022 10:03:00 AM	Heptachlor epoxide	n/a	<	0.0008	µg/L	EPA 608.3	0.0008	0.02	WKL	
MO-OJA	2021/22-2	Wet	12/14/2021 1:50:00 PM	12/28/2021 7:13:00 AM	Malathion	n/a	<	0.038	µg/L	EPA 625.1m	0.038	0.05	WKL	
MO-OJA	2021/22-2	Wet	12/14/2021 1:50:00 PM	12/28/2021 7:13:00 AM	Merphos	n/a	<	0.029	µg/L	EPA 625.1m	0.029	0.05	WKL	
MO-OJA	2021/22-2	Wet	12/14/2021 1:50:00 PM	12/28/2021 7:13:00 AM	Methyl parathion	n/a	<	0.032	µg/L	EPA 625.1m	0.032	0.05	WKL	
MO-OJA	2021/22-2	Wet	12/14/2021 1:50:00 PM	12/23/2021 7:40:00 PM	Metolachlor	n/a	<	0.3	µg/L	EPA 525.2	0.3	1	WKL	
MO-OJA	2021/22-2	Wet	12/14/2021 1:50:00 PM	12/23/2021 7:40:00 PM	Metribuzin	n/a	<	0.3	µg/L	EPA 525.2	0.3	1	WKL	
MO-OJA	2021/22-2	Wet	12/14/2021 1:50:00 PM	12/28/2021 7:13:00 AM	Mevinphos	n/a	<	0.021	µg/L	EPA 625.1m	0.021	0.05	WKL	LB-LCSR
MO-OJA	2021/22-2	Wet	12/14/2021 1:50:00 PM	12/23/2021 7:40:00 PM	Molinate	n/a	<	0.3	µg/L	EPA 525.2	0.3	1	WKL	
MO-OJA	2021/22-2	Wet	12/14/2021 1:50:00 PM	12/28/2021 7:13:00 AM	Naled	n/a	<	0.038	µg/L	EPA 625.1m	0.038	0.05	WKL	
MO-OJA	2021/22-2	Wet	12/14/2021 1:50:00 PM	1/18/2022 10:47:00 PM	Pentachlorophenol	n/a	<	3	µg/L	EPA 625.1	3	3	WKL	
MO-OJA	2021/22-2	Wet	12/14/2021 1:50:00 PM	1/6/2022 8:17:00 PM	Pentachlorophenol	n/a	=	0.33	µg/L	EPA 515.4	0.046	0.2	WKL	
MO-OJA	2021/22-2	Wet	12/14/2021 1:50:00 PM	1/14/2022 4:38:00 AM	Pentachlorophenol	n/a	<	0.15	µg/L	EPA 8270C	0.15	1	WKL	
MO-OJA	2021/22-2	Wet	12/14/2021 1:50:00 PM	12/28/2021 7:13:00 AM	Phorate	n/a	<	0.015	µg/L	EPA 625.1m	0.015	0.05	WKL	
MO-OJA	2021/22-2	Wet	12/14/2021 1:50:00 PM	1/6/2022 8:17:00 PM	Picloram	n/a	<	0.05	µg/L	EPA 515.4	0.05	0.6	WKL	
MO-OJA	2021/22-2	Wet	12/14/2021 1:50:00 PM	12/23/2021 7:40:00 PM	Prometryn	n/a	<	0.3	µg/L	EPA 525.2	0.3	1	WKL	
MO-OJA	2021/22-2	Wet	12/14/2021 1:50:00 PM	12/28/2021 7:13:00 AM	Ronnel (Fenchlorphos)	n/a	<	0.02	µg/L	EPA 625.1m	0.02	0.05	WKL	
MO-OJA	2021/22-2	Wet	12/14/2021 1:50:00 PM	12/23/2021 7:40:00 PM	Simazine	n/a	DNQ	0.95	µg/L	EPA 525.2	0.2	1	WKL	
MO-OJA	2021/22-2	Wet	12/14/2021 1:50:00 PM	12/28/2021 7:13:00 AM	Stirophos (Tetrachlorvinphos)	n/a	<	0.016	µg/L	EPA 625.1m	0.016	0.05	WKL	
MO-OJA	2021/22-2	Wet	12/14/2021 1:50:00 PM	12/23/2021 7:40:00 PM	Terbacil	n/a	<	0.9	µg/L	EPA 525.2	0.9	20	WKL	
MO-OJA	2021/22-2	Wet	12/14/2021 1:50:00 PM	12/23/2021 7:40:00 PM	Thiobencarb	n/a	<	0.3	µg/L	EPA 525.2	0.3	1	WKL	
MO-OJA	2021/22-2	Wet	12/14/2021 1:50:00 PM	12/28/2021 7:13:00 AM	Tokuthion	n/a	<	0.039	µg/L	EPA 625.1m	0.039	0.05	WKL	
MO-OJA	2021/22-2	Wet	12/14/2021 1:50:00 PM	1/13/2022 10:03:00 AM	Toxaphene	n/a	<	2	µg/L	EPA 608.3	2	2	WKL	
MO-OJA	2021/22-2	Wet	12/14/2021 1:50:00 PM	12/28/2021 7:13:00 AM	Trichloronate	n/a	<	0.034	µg/L	EPA 625.1m	0.034	0.05	WKL	
MO-OJA	2021/22-2	Wet	12/14/2021 1:50:00 PM	12/23/2021 7:40:00 PM	Trithion	n/a	<	0.2	µg/L	EPA 525.2	0.2	1	WKL	
MO-OJA	2021/22-3	Wet	3/28/2022 7:30:00 AM	3/29/2022 11:20:00 AM	E. Coli	n/a	=	9208	MPN/100 mL	MMO-MUG	10	10	VCHCA	
MO-OJA	2021/22-3	Wet	3/28/2022 7:30:00 AM	3/29/2022 11:20:00 AM	Total Coliform	n/a	=	81640	MPN/100 mL	MMO-MUG	100	100	VCHCA	
MO-OJA	2021/22-3	Wet	3/28/2022 7:30:00 AM	3/28/2022 7:30:00 AM	Conductivity	n/a	=	88.8	µmhos/cm	Field Meter	-88	1	Field Crew	
MO-OJA	2021/22-3	Wet	3/28/2022 7:30:00 AM	4/6/2022 3:15:00 PM	Cyanide	Total	<	0.0012	mg/L	ASTM D7511	0.0012	0.002	WKL	
MO-OJA	2021/22-3	Wet	3/28/2022 7:30:00 AM	3/28/2022 7:30:00 AM	DO	n/a	=	9.19	mg/L	Field Meter	-88	0.3	Field Crew	
MO-OJA	2021/22-3	Wet	3/28/2022 7:30:00 AM	3/28/2022 7:30:00 AM	DO	n/a	=	90.9	%	Field Meter	-88	0.1	Field Crew	
MO-OJA	2021/22-3	Wet	3/28/2022 7:30:00 AM	3/28/2022 7:30:00 AM	pH	n/a	=	7.08	pH Units	Field Meter	-88	0.01	Field Crew	
MO-OJA	2021/22-3	Wet	3/28/2022 7:30:00 AM	3/28/2022 7:30:00 AM	Salinity	n/a	=	100	mg/L	Field Meter	-88	100	Field Crew	
MO-OJA	2021/22-3	Wet	3/28/2022 7:30:00 AM	3/28/2022 7:30:00 AM	Specific Conductance	n/a	=	112.2	µmhos/cm	Field Meter	-88	1	Field Crew	
MO-OJA	2021/22-3	Wet	3/28/2022 7:30:00 AM	3/28/2022 7:30:00 AM	Temperature	n/a	=	14.3	°C	Field Meter	-88	0.1	Field Crew	
MO-OJA	2021/22-3	Wet	3/28/2022 7:30:00 AM	3/30/2022 4:34:00 PM	Gasoline Range Organics	n/a	<	0.065	mg/L	EPA 8260B	0.065	0.1	WKL	
MO-OJA	2021/22-3	Wet	3/28/2022 7:30:00 AM	4/4/2022 1:14:00 PM	Oil and Grease	n/a	DNQ	2.3	mg/L	EPA 1664B	0.6	4	WKL	
MO-OJA	2021/22-3	Wet	3/28/2022 11:40:00 AM	4/1/2022 2:24:00 PM	Chloride	n/a	=	3.3	mg/L	EPA 300.0	0.38	1	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-OJA	2021/22-3	Wet	3/28/2022 11:40:00 AM	4/1/2022 2:24:00 PM	Fluoride	n/a	DNQ	0.064	mg/L	EPA 300.0	0.018	0.2	WKL	
MO-OJA	2021/22-3	Wet	3/28/2022 11:40:00 AM	4/1/2022 7:05:00 PM	Perchlorate	n/a	<	0.78	µg/L	EPA 314.0	0.78	4	WKL	
MO-OJA	2021/22-3	Wet	3/28/2022 11:40:00 AM	4/7/2022 5:35:00 PM	Calcium	Total	=	9.44	mg/L	EPA 200.7	0.0234	0.5	WKL	
MO-OJA	2021/22-3	Wet	3/28/2022 11:40:00 AM	4/7/2022 5:35:00 PM	Magnesium	Total	=	3.26	mg/L	EPA 200.7	0.039	0.5	WKL	
MO-OJA	2021/22-3	Wet	3/28/2022 11:40:00 AM	3/31/2022 12:31:00 PM	Alkalinity as CaCO3	n/a	=	20	mg/L	SM 2320 B	1.9	5	WKL	
MO-OJA	2021/22-3	Wet	3/28/2022 11:40:00 AM	4/3/2022 1:49:00 PM	BOD	n/a	=	27	mg/L	SM 5210 B	2	2	WKL	
MO-OJA	2021/22-3	Wet	3/28/2022 11:40:00 AM	4/7/2022 1:13:00 PM	COD	n/a	=	52	mg/L	EPA 410.4	2.9	5	WKL	
MO-OJA	2021/22-3	Wet	3/28/2022 11:40:00 AM	4/7/2022 5:35:00 PM	Hardness as CaCO3	Total	=	37	mg/L	EPA 200.7	0.219	3.31	WKL	
MO-OJA	2021/22-3	Wet	3/28/2022 11:40:00 AM	3/29/2022 5:50:00 PM	MBAS	n/a	=	0.078	mg/L	SM 5540 C	0.013	0.05	WKL	
MO-OJA	2021/22-3	Wet	3/28/2022 11:40:00 AM	4/6/2022 1:34:00 PM	Phenolics	n/a	=	0.011	mg/L	EPA 420.4	0.0068	0.01	WKL	
MO-OJA	2021/22-3	Wet	3/28/2022 11:40:00 AM	3/29/2022 5:02:00 PM	Specific Conductance	n/a	=	74	µmhos/cm	SM 2510 B	1.1	2	WKL	
MO-OJA	2021/22-3	Wet	3/28/2022 11:40:00 AM	4/1/2022 4:57:00 PM	Total Dissolved Solids	n/a	=	57	mg/L	SM 2540 C	4	10	WKL	
MO-OJA	2021/22-3	Wet	3/28/2022 11:40:00 AM	3/29/2022 6:11:00 PM	Total Organic Carbon	n/a	=	19	mg/L	SM 5310 B	0.19	0.3	WKL	
MO-OJA	2021/22-3	Wet	3/28/2022 11:40:00 AM	4/2/2022 11:00:00 AM	Total Suspended Solids	n/a	=	320	mg/L	SM 2540 D	-88	5	WKL	
MO-OJA	2021/22-3	Wet	3/28/2022 11:40:00 AM	3/29/2022 3:08:00 PM	Turbidity	n/a	=	59	NTU	EPA 180.1	0.17	1	WKL	
MO-OJA	2021/22-3	Wet	3/28/2022 11:40:00 AM	4/2/2022 11:00:00 AM	Volatile Suspended Solids	n/a	=	66	mg/L	EPA 160.4	3.1	5	WKL	
MO-OJA	2021/22-3	Wet	3/28/2022 11:40:00 AM	4/1/2022 7:33:00 AM	Diesel Range Organics	n/a	=	0.38	mg/L	EPA 8015B	0.072	0.1	WKL	
MO-OJA	2021/22-3	Wet	3/28/2022 11:40:00 AM	4/1/2022 7:33:00 AM	Oil Range Organics	n/a	<	0.33	mg/L	EPA 8015B	0.33	0.5	WKL	
MO-OJA	2021/22-3	Wet	3/28/2022 11:40:00 AM	4/6/2022 5:35:00 PM	Aluminum	Dissolved	=	47	µg/L	EPA 200.8	4.4	20	WKL	
MO-OJA	2021/22-3	Wet	3/28/2022 11:40:00 AM	4/6/2022 5:37:00 PM	Aluminum	Total	=	5400	µg/L	EPA 200.8	4.4	20	WKL	
MO-OJA	2021/22-3	Wet	3/28/2022 11:40:00 AM	4/6/2022 5:35:00 PM	Antimony	Dissolved	DNQ	0.21	µg/L	EPA 200.8	0.089	0.5	WKL	
MO-OJA	2021/22-3	Wet	3/28/2022 11:40:00 AM	4/6/2022 5:37:00 PM	Antimony	Total	=	0.54	µg/L	EPA 200.8	0.089	0.5	WKL	
MO-OJA	2021/22-3	Wet	3/28/2022 11:40:00 AM	4/6/2022 5:35:00 PM	Arsenic	Dissolved	=	0.67	µg/L	EPA 200.8	0.074	0.4	WKL	
MO-OJA	2021/22-3	Wet	3/28/2022 11:40:00 AM	4/6/2022 5:37:00 PM	Arsenic	Total	=	2.2	µg/L	EPA 200.8	0.074	0.4	WKL	
MO-OJA	2021/22-3	Wet	3/28/2022 11:40:00 AM	4/6/2022 5:37:00 PM	Barium	Total	=	82	µg/L	EPA 200.8	0.14	1	WKL	
MO-OJA	2021/22-3	Wet	3/28/2022 11:40:00 AM	4/6/2022 5:35:00 PM	Beryllium	Dissolved	<	0.062	µg/L	EPA 200.8	0.062	0.1	WKL	
MO-OJA	2021/22-3	Wet	3/28/2022 11:40:00 AM	4/6/2022 5:37:00 PM	Beryllium	Total	=	0.22	µg/L	EPA 200.8	0.029	0.1	WKL	
MO-OJA	2021/22-3	Wet	3/28/2022 11:40:00 AM	4/6/2022 5:35:00 PM	Cadmium	Dissolved	<	0.042	µg/L	EPA 200.8	0.042	0.2	WKL	
MO-OJA	2021/22-3	Wet	3/28/2022 11:40:00 AM	4/6/2022 5:37:00 PM	Cadmium	Total	=	0.22	µg/L	EPA 200.8	0.042	0.2	WKL	
MO-OJA	2021/22-3	Wet	3/28/2022 11:40:00 AM	4/6/2022 5:35:00 PM	Chromium	Dissolved	=	0.49	µg/L	EPA 200.8	0.089	0.2	WKL	
MO-OJA	2021/22-3	Wet	3/28/2022 11:40:00 AM	4/6/2022 5:37:00 PM	Chromium	Total	=	7.8	µg/L	EPA 200.8	0.089	0.2	WKL	
MO-OJA	2021/22-3	Wet	3/28/2022 11:40:00 AM	4/6/2022 2:36:00 PM	Chromium VI	n/a	=	0.31	µg/L	EPA 218.6	0.0079	0.02	WKL	
MO-OJA	2021/22-3	Wet	3/28/2022 11:40:00 AM	4/6/2022 5:35:00 PM	Copper	Dissolved	=	6.5	µg/L	EPA 200.8	0.23	0.5	WKL	
MO-OJA	2021/22-3	Wet	3/28/2022 11:40:00 AM	4/6/2022 5:37:00 PM	Copper	Total	=	21	µg/L	EPA 200.8	0.23	0.5	WKL	
MO-OJA	2021/22-3	Wet	3/28/2022 11:40:00 AM	4/6/2022 5:35:00 PM	Iron	Dissolved	=	59	µg/L	EPA 200.8	3.9	20	WKL	
MO-OJA	2021/22-3	Wet	3/28/2022 11:40:00 AM	4/6/2022 5:37:00 PM	Iron	Total	=	6500	µg/L	EPA 200.8	3.9	20	WKL	
MO-OJA	2021/22-3	Wet	3/28/2022 11:40:00 AM	4/6/2022 5:35:00 PM	Lead	Dissolved	=	0.54	µg/L	EPA 200.8	0.083	0.2	WKL	
MO-OJA	2021/22-3	Wet	3/28/2022 11:40:00 AM	4/6/2022 5:37:00 PM	Lead	Total	=	9.2	µg/L	EPA 200.8	0.083	0.2	WKL	
MO-OJA	2021/22-3	Wet	3/28/2022 11:40:00 AM	3/31/2022 11:00:00 AM	Mercury	Dissolved	DNQ	19	ng/L	EPA 245.1	17	50	WKL	
MO-OJA	2021/22-3	Wet	3/28/2022 11:40:00 AM	3/31/2022 11:02:00 AM	Mercury	Total	DNQ	42	ng/L	EPA 245.1	17	50	WKL	
MO-OJA	2021/22-3	Wet	3/28/2022 11:40:00 AM	4/6/2022 5:35:00 PM	Nickel	Dissolved	DNQ	1.3	µg/L	EPA 200.8	0.16	2	WKL	
MO-OJA	2021/22-3	Wet	3/28/2022 11:40:00 AM	4/6/2022 5:37:00 PM	Nickel	Total	=	9.7	µg/L	EPA 200.8	0.16	2	WKL	
MO-OJA	2021/22-3	Wet	3/28/2022 11:40:00 AM	4/6/2022 5:35:00 PM	Selenium	Dissolved	DNQ	0.1	µg/L	EPA 200.8	0.067	0.4	WKL	
MO-OJA	2021/22-3	Wet	3/28/2022 11:40:00 AM	4/6/2022 5:37:00 PM	Selenium	Total	DNQ	0.15	µg/L	EPA 200.8	0.067	0.4	WKL	
MO-OJA	2021/22-3	Wet	3/28/2022 11:40:00 AM	4/6/2022 5:35:00 PM	Silver	Dissolved	<	0.03	µg/L	EPA 200.8	0.03	0.2	WKL	
MO-OJA	2021/22-3	Wet	3/28/2022 11:40:00 AM	4/6/2022 5:37:00 PM	Silver	Total	<	0.13	µg/L	EPA 200.8	0.13	0.2	WKL	
MO-OJA	2021/22-3	Wet	3/28/2022 11:40:00 AM	4/6/2022 5:35:00 PM	Thallium	Dissolved	<	0.021	µg/L	EPA 200.8	0.021	0.2	WKL	
MO-OJA	2021/22-3	Wet	3/28/2022 11:40:00 AM	4/6/2022 5:37:00 PM	Thallium	Total	DNQ	0.065	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	2021/22-3	Wet	3/28/2022 11:40:00 AM	4/6/2022 5:35:00 PM	Zinc	Dissolved	=	19	µg/L	EPA 200.8	0.8	10	WKL	
MO-OJA	2021/22-3	Wet	3/28/2022 11:40:00 AM	4/6/2022 5:37:00 PM	Zinc	Total	=	100	µg/L	EPA 200.8	1.7	10	WKL	
MO-OJA	2021/22-3	Wet	3/28/2022 11:40:00 AM	4/4/2022 3:56:00 PM	Ammonia as N	n/a	=	0.42	mg/L	EPA 350.1	0.017	0.1	WKL	
MO-OJA	2021/22-3	Wet	3/28/2022 11:40:00 AM	4/9/2022 2:59:00 PM	Nitrate + Nitrite as N	n/a	=	0.41	mg/L	EPA 353.2	0.036	0.2	WKL	
MO-OJA	2021/22-3	Wet	3/28/2022 11:40:00 AM	4/7/2022 5:32:00 PM	Phosphorus as P	Dissolved	=	0.36	mg/L	EPA 200.7	0.018	0.05	WKL	
MO-OJA	2021/22-3	Wet	3/28/2022 11:40:00 AM	4/7/2022 5:35:00 PM	Phosphorus as P	Total	=	0.61	mg/L	EPA 200.7	0.018	0.05	WKL	
MO-OJA	2021/22-3	Wet	3/28/2022 11:40:00 AM	4/6/2022 4:20:00 PM	TKN	n/a	=	2.5	mg/L	EPA 351.2	0.13	0.2	WKL	
MO-OJA	2021/22-3	Wet	3/28/2022 11:40:00 AM	4/28/2022 2:31:00 AM	1,2,4-Trichlorobenzene	n/a	<	2.4	µg/L	EPA 625.1	2.4	5	WKL	
MO-OJA	2021/22-3	Wet	3/28/2022 11:40:00 AM	4/28/2022 2:31:00 AM	1,2-Dichlorobenzene	n/a	<	2.3	µg/L	EPA 625.1	2.3	5	WKL	
MO-OJA	2021/22-3	Wet	3/28/2022 11:40:00 AM	4/28/2022 2:31:00 AM	1,2-Diphenylhydrazine	n/a	<	1.5	µg/L	EPA 625.1	1.5	5	WKL	
MO-OJA	2021/22-3	Wet	3/28/2022 11:40:00 AM	4/28/2022 2:31:00 AM	1,3-Dichlorobenzene	n/a	<	2.1	µg/L	EPA 625.1	2.1	5	WKL	
MO-OJA	2021/22-3	Wet	3/28/2022 11:40:00 AM	4/28/2022 2:31:00 AM	1,4-Dichlorobenzene	n/a	<	2.4	µg/L	EPA 625.1	2.4	5	WKL	
MO-OJA	2021/22-3	Wet	3/28/2022 11:40:00 AM	4/20/2022 8:50:00 AM	1-Methylnaphthalene	n/a	<	0.12	µg/L	EPA 8270C	0.12	0.5	WKL	
MO-OJA	2021/22-3	Wet	3/28/2022 11:40:00 AM	4/29/2022 7:14:00 AM	2,4,5-Trichlorophenol	n/a	<	1.4	µg/L	EPA 8270C	1.4	5	WKL	
MO-OJA	2021/22-3	Wet	3/28/2022 11:40:00 AM	4/28/2022 2:31:00 AM	2,4,6-Trichlorophenol	n/a	<	1.1	µg/L	EPA 625.1	1.1	5	WKL	
MO-OJA	2021/22-3	Wet	3/28/2022 11:40:00 AM	4/29/2022 7:14:00 AM	2,4,6-Trichlorophenol	n/a	<	1.5	µg/L	EPA 8270C	1.5	5	WKL	
MO-OJA	2021/22-3	Wet	3/28/2022 11:40:00 AM	4/28/2022 2:31:00 AM	2,4-Dichlorophenol	n/a	<	1.3	µg/L	EPA 625.1	1.3	5	WKL	
MO-OJA	2021/22-3	Wet	3/28/2022 11:40:00 AM	4/29/2022 7:14:00 AM	2,4-Dichlorophenol	n/a	<	2.6	µg/L	EPA 8270C	2.6	5	WKL	
MO-OJA	2021/22-3	Wet	3/28/2022 11:40:00 AM	4/28/2022 2:31:00 AM	2,4-Dimethylphenol	n/a	<	3.8	µg/L	EPA 625.1	3.8	5	WKL	
MO-OJA	2021/22-3	Wet	3/28/2022 11:40:00 AM	4/29/2022 7:14:00 AM	2,4-Dimethylphenol	n/a	<	5	µg/L	EPA 8270C	5	10	WKL	
MO-OJA	2021/22-3	Wet	3/28/2022 11:40:00 AM	4/28/2022 2:31:00 AM	2,4-Dinitrophenol	n/a	<	9.4	µg/L	EPA 625.1	9.4	50	WKL	
MO-OJA	2021/22-3	Wet	3/28/2022 11:40:00 AM	4/29/2022 7:14:00 AM	2,4-Dinitrophenol	n/a	<	5	µg/L	EPA 8270C	5	10	WKL	
MO-OJA	2021/22-3	Wet	3/28/2022 11:40:00 AM	4/28/2022 2:31:00 AM	2,4-Dinitrotoluene	n/a	<	2.3	µg/L	EPA 625.1	2.3	5	WKL	
MO-OJA	2021/22-3	Wet	3/28/2022 11:40:00 AM	4/28/2022 2:31:00 AM	2,6-Dinitrotoluene	n/a	<	1.4	µg/L	EPA 625.1	1.4	5	WKL	
MO-OJA	2021/22-3	Wet	3/28/2022 11:40:00 AM	4/28/2022 2:31:00 AM	2-Chloronaphthalene	n/a	<	2.2	µg/L	EPA 625.1	2.2	5	WKL	
MO-OJA	2021/22-3	Wet	3/28/2022 11:40:00 AM	4/29/2022 7:14:00 AM	2-Chlorophenol	n/a	<	3.2	µg/L	EPA 8270C	3.2	5	WKL	
MO-OJA	2021/22-3	Wet	3/28/2022 11:40:00 AM	4/28/2022 2:31:00 AM	2-Chlorophenol	n/a	<	1.4	µg/L	EPA 625.1	1.4	5	WKL	
MO-OJA	2021/22-3	Wet	3/28/2022 11:40:00 AM	4/20/2022 8:50:00 AM	2-Methylnaphthalene	n/a	<	0.13	µg/L	EPA 8270C	0.13	0.5	WKL	
MO-OJA	2021/22-3	Wet	3/28/2022 11:40:00 AM	4/29/2022 7:14:00 AM	2-Methylphenol	n/a	<	1.7	µg/L	EPA 8270C	1.7	5	WKL	
MO-OJA	2021/22-3	Wet	3/28/2022 11:40:00 AM	4/28/2022 2:31:00 AM	2-Nitrophenol	n/a	<	1.3	µg/L	EPA 625.1	1.3	5	WKL	
MO-OJA	2021/22-3	Wet	3/28/2022 11:40:00 AM	4/29/2022 7:14:00 AM	2-Nitrophenol	n/a	<	3.6	µg/L	EPA 8270C	3.6	5	WKL	
MO-OJA	2021/22-3	Wet	3/28/2022 11:40:00 AM	4/28/2022 2:31:00 AM	3,3'-Dichlorobenzidine	n/a	<	12	µg/L	EPA 625.1	12	25	WKL	
MO-OJA	2021/22-3	Wet	3/28/2022 11:40:00 AM	4/29/2022 7:14:00 AM	3-/4-Methylphenol	n/a	<	1.5	µg/L	EPA 8270C	1.5	5	WKL	
MO-OJA	2021/22-3	Wet	3/28/2022 11:40:00 AM	4/28/2022 2:31:00 AM	4,6-Dinitro-2-methylphenol	n/a	<	2.5	µg/L	EPA 625.1	2.5	25	WKL	
MO-OJA	2021/22-3	Wet	3/28/2022 11:40:00 AM	4/29/2022 7:14:00 AM	4,6-Dinitro-2-methylphenol	n/a	<	0.7	µg/L	EPA 8270C	0.7	5	WKL	
MO-OJA	2021/22-3	Wet	3/28/2022 11:40:00 AM	4/28/2022 2:31:00 AM	4-Bromophenyl phenyl ether	n/a	<	1.8	µg/L	EPA 625.1	1.8	5	WKL	
MO-OJA	2021/22-3	Wet	3/28/2022 11:40:00 AM	4/28/2022 2:31:00 AM	4-Chloro-3-methylphenol	n/a	<	1.2	µg/L	EPA 625.1	1.2	5	WKL	
MO-OJA	2021/22-3	Wet	3/28/2022 11:40:00 AM	4/29/2022 7:14:00 AM	4-Chloro-3-methylphenol	n/a	<	1.8	µg/L	EPA 8270C	1.8	5	WKL	
MO-OJA	2021/22-3	Wet	3/28/2022 11:40:00 AM	4/28/2022 2:31:00 AM	4-Chlorophenyl phenyl ether	n/a	<	2	µg/L	EPA 625.1	2	5	WKL	
MO-OJA	2021/22-3	Wet	3/28/2022 11:40:00 AM	4/28/2022 2:31:00 AM	4-Nitrophenol	n/a	<	6.2	µg/L	EPA 625.1	6.2	25	WKL	
MO-OJA	2021/22-3	Wet	3/28/2022 11:40:00 AM	4/29/2022 7:14:00 AM	4-Nitrophenol	n/a	<	5	µg/L	EPA 8270C	5	10	WKL	
MO-OJA	2021/22-3	Wet	3/28/2022 11:40:00 AM	4/28/2022 2:31:00 AM	Acenaphthene	n/a	<	1.9	µg/L	EPA 625.1	1.9	5	WKL	
MO-OJA	2021/22-3	Wet	3/28/2022 11:40:00 AM	4/20/2022 8:50:00 AM	Acenaphthene	n/a	<	0.14	µg/L	EPA 8270C	0.14	0.5	WKL	
MO-OJA	2021/22-3	Wet	3/28/2022 11:40:00 AM	4/28/2022 2:31:00 AM	Acenaphthylene	n/a	<	1.8	µg/L	EPA 625.1	1.8	5	WKL	
MO-OJA	2021/22-3	Wet	3/28/2022 11:40:00 AM	4/20/2022 8:50:00 AM	Acenaphthylene	n/a	<	0.16	µg/L	EPA 8270C	0.16	0.5	WKL	
MO-OJA	2021/22-3	Wet	3/28/2022 11:40:00 AM	4/28/2022 2:31:00 AM	Anthracene	n/a	<	2	µg/L	EPA 625.1	2	5	WKL	
MO-OJA	2021/22-3	Wet	3/28/2022 11:40:00 AM	4/20/2022 8:50:00 AM	Anthracene	n/a	DNQ	0.14	µg/L	EPA 8270C	0.12	0.5	WKL	
MO-OJA	2021/22-3	Wet	3/28/2022 11:40:00 AM	4/28/2022 2:31:00 AM	Benz(a)anthracene	n/a	<	0.95	µg/L	EPA 625.1	0.95	5	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-OJA	2021/22-3	Wet	3/28/2022 11:40:00 AM	4/20/2022 8:50:00 AM	Benzo(a)anthracene	n/a	<	0.26	µg/L	EPA 8270C	0.26	0.5	WKL	
MO-OJA	2021/22-3	Wet	3/28/2022 11:40:00 AM	4/28/2022 2:31:00 AM	Benzo(a)anthracene	n/a	<	16	µg/L	EPA 625.1	16	50	WKL	
MO-OJA	2021/22-3	Wet	3/28/2022 11:40:00 AM	3/31/2022 11:10:00 PM	Benzo(a)pyrene	n/a	<	0.1	µg/L	EPA 525.2	0.1	0.5	WKL	
MO-OJA	2021/22-3	Wet	3/28/2022 11:40:00 AM	4/28/2022 2:31:00 AM	Benzo(a)pyrene	n/a	<	2	µg/L	EPA 625.1	2	5	WKL	
MO-OJA	2021/22-3	Wet	3/28/2022 11:40:00 AM	4/20/2022 8:50:00 AM	Benzo(a)pyrene	n/a	DNQ	0.3	µg/L	EPA 8270C	0.26	0.5	WKL	
MO-OJA	2021/22-3	Wet	3/28/2022 11:40:00 AM	4/28/2022 2:31:00 AM	Benzo(b)fluoranthene	n/a	<	2.3	µg/L	EPA 625.1	2.3	5	WKL	
MO-OJA	2021/22-3	Wet	3/28/2022 11:40:00 AM	4/20/2022 8:50:00 AM	Benzo(b)fluoranthene	n/a	<	0.37	µg/L	EPA 8270C	0.37	0.5	WKL	
MO-OJA	2021/22-3	Wet	3/28/2022 11:40:00 AM	4/20/2022 8:50:00 AM	Benzo(g,h,i)perylene	n/a	DNQ	0.27	µg/L	EPA 8270C	0.25	0.5	WKL	
MO-OJA	2021/22-3	Wet	3/28/2022 11:40:00 AM	4/28/2022 2:31:00 AM	Benzo(g,h,i)perylene	n/a	<	2.1	µg/L	EPA 625.1	2.1	10	WKL	
MO-OJA	2021/22-3	Wet	3/28/2022 11:40:00 AM	4/28/2022 2:31:00 AM	Benzo(k)fluoranthene	n/a	<	1.1	µg/L	EPA 625.1	1.1	5	WKL	
MO-OJA	2021/22-3	Wet	3/28/2022 11:40:00 AM	4/20/2022 8:50:00 AM	Benzo(k)fluoranthene	n/a	DNQ	0.22	µg/L	EPA 8270C	0.13	0.5	WKL	UL-MB
MO-OJA	2021/22-3	Wet	3/28/2022 11:40:00 AM	4/28/2022 2:31:00 AM	Bis(2-chloroethoxy)methane	n/a	<	1.2	µg/L	EPA 625.1	1.2	5	WKL	
MO-OJA	2021/22-3	Wet	3/28/2022 11:40:00 AM	4/28/2022 2:31:00 AM	Bis(2-chloroethyl)ether	n/a	<	1.4	µg/L	EPA 625.1	1.4	5	WKL	
MO-OJA	2021/22-3	Wet	3/28/2022 11:40:00 AM	4/28/2022 2:31:00 AM	Bis(2-chloroisopropyl)ether	n/a	<	1.9	µg/L	EPA 625.1	1.9	5	WKL	
MO-OJA	2021/22-3	Wet	3/28/2022 11:40:00 AM	3/31/2022 11:10:00 PM	Bis(2-ethylhexyl)adipate	n/a	<	2.1	µg/L	EPA 525.2	2.1	25	WKL	
MO-OJA	2021/22-3	Wet	3/28/2022 11:40:00 AM	4/28/2022 2:31:00 AM	Bis(2-ethylhexyl)phthalate	n/a	<	12	µg/L	EPA 625.1	12	25	WKL	
MO-OJA	2021/22-3	Wet	3/28/2022 11:40:00 AM	3/31/2022 11:10:00 PM	Bis(2-ethylhexyl)phthalate	n/a	<	2	µg/L	EPA 525.2	2	15	WKL	
MO-OJA	2021/22-3	Wet	3/28/2022 11:40:00 AM	4/28/2022 2:31:00 AM	Butyl benzyl phthalate	n/a	<	2.5	µg/L	EPA 625.1	2.5	5	WKL	
MO-OJA	2021/22-3	Wet	3/28/2022 11:40:00 AM	4/20/2022 8:50:00 AM	Chrysene	n/a	<	0.37	µg/L	EPA 8270C	0.37	0.5	WKL	
MO-OJA	2021/22-3	Wet	3/28/2022 11:40:00 AM	4/28/2022 2:31:00 AM	Chrysene	n/a	<	0.95	µg/L	EPA 625.1	0.95	5	WKL	
MO-OJA	2021/22-3	Wet	3/28/2022 11:40:00 AM	4/28/2022 2:31:00 AM	Dibenz(a,h)anthracene	n/a	<	0.75	µg/L	EPA 625.1	0.75	10	WKL	
MO-OJA	2021/22-3	Wet	3/28/2022 11:40:00 AM	4/20/2022 8:50:00 AM	Dibenz(a,h)anthracene	n/a	DNQ	0.3	µg/L	EPA 8270C	0.18	0.5	WKL	UL-MB
MO-OJA	2021/22-3	Wet	3/28/2022 11:40:00 AM	4/28/2022 2:31:00 AM	Diethyl phthalate	n/a	<	1.7	µg/L	EPA 625.1	1.7	5	WKL	
MO-OJA	2021/22-3	Wet	3/28/2022 11:40:00 AM	4/28/2022 2:31:00 AM	Dimethyl phthalate	n/a	<	0.9	µg/L	EPA 625.1	0.9	5	WKL	
MO-OJA	2021/22-3	Wet	3/28/2022 11:40:00 AM	4/28/2022 2:31:00 AM	Di-n-butylphthalate	n/a	<	1.7	µg/L	EPA 625.1	1.7	5	WKL	
MO-OJA	2021/22-3	Wet	3/28/2022 11:40:00 AM	4/28/2022 2:31:00 AM	Di-n-octylphthalate	n/a	<	2.3	µg/L	EPA 625.1	2.3	5	WKL	
MO-OJA	2021/22-3	Wet	3/28/2022 11:40:00 AM	4/28/2022 2:31:00 AM	Fluoranthene	n/a	<	1.7	µg/L	EPA 625.1	1.7	5	WKL	
MO-OJA	2021/22-3	Wet	3/28/2022 11:40:00 AM	4/20/2022 8:50:00 AM	Fluoranthene	n/a	DNQ	0.21	µg/L	EPA 8270C	0.2	0.5	WKL	
MO-OJA	2021/22-3	Wet	3/28/2022 11:40:00 AM	4/28/2022 2:31:00 AM	Fluorene	n/a	<	1.8	µg/L	EPA 625.1	1.8	5	WKL	
MO-OJA	2021/22-3	Wet	3/28/2022 11:40:00 AM	4/20/2022 8:50:00 AM	Fluorene	n/a	<	0.14	µg/L	EPA 8270C	0.14	0.5	WKL	
MO-OJA	2021/22-3	Wet	3/28/2022 11:40:00 AM	4/28/2022 2:31:00 AM	Hexachlorobenzene	n/a	<	2.4	µg/L	EPA 625.1	2.4	5	WKL	
MO-OJA	2021/22-3	Wet	3/28/2022 11:40:00 AM	4/28/2022 2:31:00 AM	Hexachlorobutadiene	n/a	<	2.4	µg/L	EPA 625.1	2.4	5	WKL	
MO-OJA	2021/22-3	Wet	3/28/2022 11:40:00 AM	3/31/2022 11:10:00 PM	Hexachlorocyclopentadiene	n/a	<	0.46	µg/L	EPA 525.2	0.46	5	WKL	
MO-OJA	2021/22-3	Wet	3/28/2022 11:40:00 AM	4/28/2022 2:31:00 AM	Hexachlorocyclopentadiene	n/a	<	1.6	µg/L	EPA 625.1	1.6	25	WKL	
MO-OJA	2021/22-3	Wet	3/28/2022 11:40:00 AM	4/28/2022 2:31:00 AM	Hexachloroethane	n/a	<	2.5	µg/L	EPA 625.1	2.5	5	WKL	
MO-OJA	2021/22-3	Wet	3/28/2022 11:40:00 AM	4/28/2022 2:31:00 AM	Indeno(1,2,3-cd)pyrene	n/a	<	1.2	µg/L	EPA 625.1	1.2	10	WKL	
MO-OJA	2021/22-3	Wet	3/28/2022 11:40:00 AM	4/20/2022 8:50:00 AM	Indeno(1,2,3-cd)pyrene	n/a	<	0.32	µg/L	EPA 8270C	0.32	0.5	WKL	
MO-OJA	2021/22-3	Wet	3/28/2022 11:40:00 AM	4/28/2022 2:31:00 AM	Isophorone	n/a	<	1	µg/L	EPA 625.1	1	5	WKL	
MO-OJA	2021/22-3	Wet	3/28/2022 11:40:00 AM	4/20/2022 8:50:00 AM	Naphthalene	n/a	<	0.13	µg/L	EPA 8270C	0.13	0.5	WKL	
MO-OJA	2021/22-3	Wet	3/28/2022 11:40:00 AM	4/28/2022 2:31:00 AM	Naphthalene	n/a	<	2.4	µg/L	EPA 625.1	2.4	5	WKL	
MO-OJA	2021/22-3	Wet	3/28/2022 11:40:00 AM	4/28/2022 2:31:00 AM	Nitrobenzene	n/a	<	1.8	µg/L	EPA 625.1	1.8	5	WKL	
MO-OJA	2021/22-3	Wet	3/28/2022 11:40:00 AM	4/28/2022 2:31:00 AM	N-Nitrosodimethylamine	n/a	<	2.5	µg/L	EPA 625.1	2.5	5	WKL	
MO-OJA	2021/22-3	Wet	3/28/2022 11:40:00 AM	4/28/2022 2:31:00 AM	N-Nitrosodi-N-propylamine	n/a	<	1.3	µg/L	EPA 625.1	1.3	5	WKL	
MO-OJA	2021/22-3	Wet	3/28/2022 11:40:00 AM	4/28/2022 2:31:00 AM	N-Nitrosodiphenylamine	n/a	<	0.95	µg/L	EPA 625.1	0.95	5	WKL	
MO-OJA	2021/22-3	Wet	3/28/2022 11:40:00 AM	4/28/2022 2:31:00 AM	Phenanthrene	n/a	<	1.6	µg/L	EPA 625.1	1.6	5	WKL	
MO-OJA	2021/22-3	Wet	3/28/2022 11:40:00 AM	4/20/2022 8:50:00 AM	Phenanthrene	n/a	<	0.14	µg/L	EPA 8270C	0.14	0.5	WKL	
MO-OJA	2021/22-3	Wet	3/28/2022 11:40:00 AM	4/28/2022 2:31:00 AM	Phenol	n/a	<	4.1	µg/L	EPA 625.1	4.1	5	WKL	
MO-OJA	2021/22-3	Wet	3/28/2022 11:40:00 AM	4/29/2022 7:14:00 AM	Phenol	n/a	<	1.8	µg/L	EPA 8270C	1.8	5	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-OJA	2021/22-3	Wet	3/28/2022 11:40:00 AM	4/28/2022 2:31:00 AM	Pyrene	n/a	<	1.2	µg/L	EPA 625.1	1.2	5	WKL	
MO-OJA	2021/22-3	Wet	3/28/2022 11:40:00 AM	4/20/2022 8:50:00 AM	Pyrene	n/a	<	0.2	µg/L	EPA 8270C	0.2	0.5	WKL	
MO-OJA	2021/22-3	Wet	3/28/2022 11:40:00 AM	4/10/2022 1:42:00 AM	PCB Aroclor 1016	n/a	<	2.5	µg/L	EPA 608.3	2.5	2.5	WKL	
MO-OJA	2021/22-3	Wet	3/28/2022 11:40:00 AM	4/10/2022 1:42:00 AM	PCB Aroclor 1221	n/a	<	2.5	µg/L	EPA 608.3	2.5	2.5	WKL	
MO-OJA	2021/22-3	Wet	3/28/2022 11:40:00 AM	4/10/2022 1:42:00 AM	PCB Aroclor 1232	n/a	<	2.5	µg/L	EPA 608.3	2.5	2.5	WKL	
MO-OJA	2021/22-3	Wet	3/28/2022 11:40:00 AM	4/10/2022 1:42:00 AM	PCB Aroclor 1242	n/a	<	2.5	µg/L	EPA 608.3	2.5	2.5	WKL	
MO-OJA	2021/22-3	Wet	3/28/2022 11:40:00 AM	4/10/2022 1:42:00 AM	PCB Aroclor 1248	n/a	<	2.5	µg/L	EPA 608.3	2.5	2.5	WKL	
MO-OJA	2021/22-3	Wet	3/28/2022 11:40:00 AM	4/10/2022 1:42:00 AM	PCB Aroclor 1254	n/a	<	2.5	µg/L	EPA 608.3	2.5	2.5	WKL	
MO-OJA	2021/22-3	Wet	3/28/2022 11:40:00 AM	4/10/2022 1:42:00 AM	PCB Aroclor 1260	n/a	<	2.5	µg/L	EPA 608.3	2.5	2.5	WKL	
MO-OJA	2021/22-3	Wet	3/28/2022 11:40:00 AM	4/1/2022 3:46:00 AM	2,4,5-T	n/a	<	0.03	µg/L	EPA 515.4	0.03	0.2	WKL	
MO-OJA	2021/22-3	Wet	3/28/2022 11:40:00 AM	4/1/2022 3:46:00 AM	2,4,5-TP	n/a	<	0.026	µg/L	EPA 515.4	0.026	0.2	WKL	
MO-OJA	2021/22-3	Wet	3/28/2022 11:40:00 AM	4/1/2022 3:46:00 AM	2,4-D	n/a	DNQ	0.39	µg/L	EPA 515.4	0.14	0.4	WKL	
MO-OJA	2021/22-3	Wet	3/28/2022 11:40:00 AM	4/1/2022 3:46:00 AM	2,4-DB	n/a	<	2	µg/L	EPA 515.4	2	2	WKL	
MO-OJA	2021/22-3	Wet	3/28/2022 11:40:00 AM	4/1/2022 3:46:00 AM	3,5-Dichlorobenzoic acid	n/a	<	1	µg/L	EPA 515.4	1	1	WKL	
MO-OJA	2021/22-3	Wet	3/28/2022 11:40:00 AM	4/10/2022 1:42:00 AM	4,4'-DDD	n/a	<	0.0035	µg/L	EPA 608.3	0.0035	0.25	WKL	
MO-OJA	2021/22-3	Wet	3/28/2022 11:40:00 AM	4/10/2022 1:42:00 AM	4,4'-DDE	n/a	DNQ	0.007	µg/L	EPA 608.3	0.0035	0.25	WKL	
MO-OJA	2021/22-3	Wet	3/28/2022 11:40:00 AM	4/10/2022 1:42:00 AM	4,4'-DDT	n/a	<	0.0055	µg/L	EPA 608.3	0.0055	0.05	WKL	
MO-OJA	2021/22-3	Wet	3/28/2022 11:40:00 AM	4/1/2022 3:46:00 AM	Acifluorfen	n/a	<	0.4	µg/L	EPA 515.4	0.4	0.4	WKL	
MO-OJA	2021/22-3	Wet	3/28/2022 11:40:00 AM	3/31/2022 11:10:00 PM	Alachlor	n/a	<	0.15	µg/L	EPA 525.2	0.15	0.5	WKL	
MO-OJA	2021/22-3	Wet	3/28/2022 11:40:00 AM	4/10/2022 1:42:00 AM	Aldrin	n/a	<	0.005	µg/L	EPA 608.3	0.005	0.025	WKL	
MO-OJA	2021/22-3	Wet	3/28/2022 11:40:00 AM	4/10/2022 1:42:00 AM	alpha-BHC	n/a	<	0.0055	µg/L	EPA 608.3	0.0055	0.05	WKL	
MO-OJA	2021/22-3	Wet	3/28/2022 11:40:00 AM	4/10/2022 1:42:00 AM	alpha-Chlordane	n/a	<	0.014	µg/L	EPA 608.3	0.014	0.05	WKL	
MO-OJA	2021/22-3	Wet	3/28/2022 11:40:00 AM	3/31/2022 11:10:00 PM	Atrazine	n/a	<	0.054	µg/L	EPA 525.2	0.054	0.5	WKL	
MO-OJA	2021/22-3	Wet	3/28/2022 11:40:00 AM	4/1/2022 7:49:00 PM	Azinphos methyl	n/a	<	0.011	µg/L	EPA 625.1m	0.011	0.02	WKL	
MO-OJA	2021/22-3	Wet	3/28/2022 11:40:00 AM	4/1/2022 3:46:00 AM	Bentazon	n/a	<	0.23	µg/L	EPA 515.4	0.23	2	WKL	
MO-OJA	2021/22-3	Wet	3/28/2022 11:40:00 AM	4/10/2022 1:42:00 AM	beta-BHC	n/a	<	0.0075	µg/L	EPA 608.3	0.0075	0.025	WKL	
MO-OJA	2021/22-3	Wet	3/28/2022 11:40:00 AM	4/1/2022 7:49:00 PM	Bolstar	n/a	<	0.0092	µg/L	EPA 625.1m	0.0092	0.02	WKL	
MO-OJA	2021/22-3	Wet	3/28/2022 11:40:00 AM	3/31/2022 11:10:00 PM	Bromacil	n/a	<	0.35	µg/L	EPA 525.2	0.35	2.5	WKL	
MO-OJA	2021/22-3	Wet	3/28/2022 11:40:00 AM	3/31/2022 11:10:00 PM	Butachlor	n/a	<	0.061	µg/L	EPA 525.2	0.061	0.5	WKL	
MO-OJA	2021/22-3	Wet	3/28/2022 11:40:00 AM	3/31/2022 11:10:00 PM	Captan	n/a	<	1.6	µg/L	EPA 525.2	1.6	5	WKL	
MO-OJA	2021/22-3	Wet	3/28/2022 11:40:00 AM	4/10/2022 1:42:00 AM	Chlordane (technical)	n/a	<	0.22	µg/L	EPA 608.3	0.22	0.5	WKL	
MO-OJA	2021/22-3	Wet	3/28/2022 11:40:00 AM	3/31/2022 11:10:00 PM	Chlorpropham	n/a	<	0.2	µg/L	EPA 525.2	0.2	0.5	WKL	
MO-OJA	2021/22-3	Wet	3/28/2022 11:40:00 AM	4/1/2022 7:49:00 PM	Chlorpyrifos	n/a	<	0.014	µg/L	EPA 625.1m	0.014	0.02	WKL	
MO-OJA	2021/22-3	Wet	3/28/2022 11:40:00 AM	4/1/2022 7:49:00 PM	Coumaphos	n/a	<	0.01	µg/L	EPA 625.1m	0.01	0.02	WKL	
MO-OJA	2021/22-3	Wet	3/28/2022 11:40:00 AM	4/1/2022 3:46:00 AM	Dalapon	n/a	<	0.11	µg/L	EPA 515.4	0.11	0.4	WKL	
MO-OJA	2021/22-3	Wet	3/28/2022 11:40:00 AM	4/1/2022 3:46:00 AM	DCPA (Dacthal)	n/a	<	0.029	µg/L	EPA 515.4	0.029	0.1	WKL	
MO-OJA	2021/22-3	Wet	3/28/2022 11:40:00 AM	4/10/2022 1:42:00 AM	delta-BHC	n/a	<	0.0095	µg/L	EPA 608.3	0.0095	0.025	WKL	
MO-OJA	2021/22-3	Wet	3/28/2022 11:40:00 AM	4/1/2022 7:49:00 PM	Demeton-O	n/a	<	0.02	µg/L	EPA 625.1m	0.02	0.02	WKL	
MO-OJA	2021/22-3	Wet	3/28/2022 11:40:00 AM	4/1/2022 7:49:00 PM	Demeton-S	n/a	<	0.02	µg/L	EPA 625.1m	0.02	0.02	WKL	
MO-OJA	2021/22-3	Wet	3/28/2022 11:40:00 AM	3/31/2022 11:10:00 PM	Diazinon	n/a	<	0.11	µg/L	EPA 525.2	0.11	0.5	WKL	
MO-OJA	2021/22-3	Wet	3/28/2022 11:40:00 AM	4/1/2022 7:49:00 PM	Diazinon	n/a	<	0.01	µg/L	EPA 625.1m	0.01	0.02	WKL	
MO-OJA	2021/22-3	Wet	3/28/2022 11:40:00 AM	4/1/2022 3:46:00 AM	Dicamba	n/a	<	0.049	µg/L	EPA 515.4	0.049	0.6	WKL	
MO-OJA	2021/22-3	Wet	3/28/2022 11:40:00 AM	4/1/2022 3:46:00 AM	Dichlorprop	n/a	<	0.12	µg/L	EPA 515.4	0.12	0.3	WKL	
MO-OJA	2021/22-3	Wet	3/28/2022 11:40:00 AM	4/1/2022 7:49:00 PM	Dichlorvos	n/a	<	0.0058	µg/L	EPA 625.1m	0.0058	0.02	WKL	
MO-OJA	2021/22-3	Wet	3/28/2022 11:40:00 AM	4/10/2022 1:42:00 AM	Dieldrin	n/a	<	0.004	µg/L	EPA 608.3	0.004	0.05	WKL	
MO-OJA	2021/22-3	Wet	3/28/2022 11:40:00 AM	4/1/2022 7:49:00 PM	Dimethoate	n/a	<	0.012	µg/L	EPA 625.1m	0.012	0.02	WKL	
MO-OJA	2021/22-3	Wet	3/28/2022 11:40:00 AM	3/31/2022 11:10:00 PM	Dimethoate	n/a	<	0.1	µg/L	EPA 525.2	0.1	1	WKL	
MO-OJA	2021/22-3	Wet	3/28/2022 11:40:00 AM	4/1/2022 3:46:00 AM	Dinoseb	n/a	<	0.033	µg/L	EPA 515.4	0.033	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	2021/22-3	Wet	3/28/2022 11:40:00 AM	3/31/2022 11:10:00 PM	Diphenamid	n/a	<	0.15	µg/L	EPA 525.2	0.15	0.5	WKL	
MO-OJA	2021/22-3	Wet	3/28/2022 11:40:00 AM	3/31/2022 11:10:00 PM	Disulfoton	n/a	<	0.077	µg/L	EPA 525.2	0.077	0.5	WKL	
MO-OJA	2021/22-3	Wet	3/28/2022 11:40:00 AM	4/1/2022 7:49:00 PM	Disulfoton	n/a	<	0.02	µg/L	EPA 625.1m	0.02	0.02	WKL	
MO-OJA	2021/22-3	Wet	3/28/2022 11:40:00 AM	4/10/2022 1:42:00 AM	Endosulfan I	n/a	<	0.0045	µg/L	EPA 608.3	0.0045	0.1	WKL	
MO-OJA	2021/22-3	Wet	3/28/2022 11:40:00 AM	4/10/2022 1:42:00 AM	Endosulfan II	n/a	<	0.0035	µg/L	EPA 608.3	0.0035	0.05	WKL	
MO-OJA	2021/22-3	Wet	3/28/2022 11:40:00 AM	4/10/2022 1:42:00 AM	Endosulfan sulfate	n/a	<	0.0065	µg/L	EPA 608.3	0.0065	0.25	WKL	
MO-OJA	2021/22-3	Wet	3/28/2022 11:40:00 AM	4/10/2022 1:42:00 AM	Endrin	n/a	<	0.0085	µg/L	EPA 608.3	0.0085	0.05	WKL	
MO-OJA	2021/22-3	Wet	3/28/2022 11:40:00 AM	4/10/2022 1:42:00 AM	Endrin aldehyde	n/a	<	0.0095	µg/L	EPA 608.3	0.0095	0.05	WKL	
MO-OJA	2021/22-3	Wet	3/28/2022 11:40:00 AM	3/31/2022 11:10:00 PM	EPTC	n/a	<	0.1	µg/L	EPA 525.2	0.1	0.5	WKL	
MO-OJA	2021/22-3	Wet	3/28/2022 11:40:00 AM	4/1/2022 7:49:00 PM	Ethoprop	n/a	<	0.013	µg/L	EPA 625.1m	0.013	0.02	WKL	
MO-OJA	2021/22-3	Wet	3/28/2022 11:40:00 AM	4/1/2022 7:49:00 PM	Ethyl parathion	n/a	<	0.011	µg/L	EPA 625.1m	0.011	0.02	WKL	
MO-OJA	2021/22-3	Wet	3/28/2022 11:40:00 AM	4/1/2022 7:49:00 PM	Fensulfothion	n/a	<	0.0058	µg/L	EPA 625.1m	0.0058	0.02	WKL	
MO-OJA	2021/22-3	Wet	3/28/2022 11:40:00 AM	4/1/2022 7:49:00 PM	Fenthion	n/a	<	0.0076	µg/L	EPA 625.1m	0.0076	0.02	WKL	
MO-OJA	2021/22-3	Wet	3/28/2022 11:40:00 AM	4/10/2022 1:42:00 AM	gamma-BHC (Lindane)	n/a	<	0.002	µg/L	EPA 608.3	0.002	0.1	WKL	
MO-OJA	2021/22-3	Wet	3/28/2022 11:40:00 AM	4/10/2022 1:42:00 AM	gamma-Chlordane	n/a	<	0.012	µg/L	EPA 608.3	0.012	0.05	WKL	
MO-OJA	2021/22-3	Wet	3/28/2022 11:40:00 AM	4/4/2022 7:36:00 PM	Glyphosate	n/a	=	19	µg/L	EPA 547	1.8	5	WKL	
MO-OJA	2021/22-3	Wet	3/28/2022 11:40:00 AM	4/10/2022 1:42:00 AM	Heptachlor	n/a	<	0.003	µg/L	EPA 608.3	0.003	0.05	WKL	
MO-OJA	2021/22-3	Wet	3/28/2022 11:40:00 AM	4/10/2022 1:42:00 AM	Heptachlor epoxide	n/a	<	0.002	µg/L	EPA 608.3	0.002	0.05	WKL	
MO-OJA	2021/22-3	Wet	3/28/2022 11:40:00 AM	4/1/2022 7:49:00 PM	Malathion	n/a	<	0.015	µg/L	EPA 625.1m	0.015	0.02	WKL	
MO-OJA	2021/22-3	Wet	3/28/2022 11:40:00 AM	4/1/2022 7:49:00 PM	Merphos	n/a	<	0.012	µg/L	EPA 625.1m	0.012	0.02	WKL	
MO-OJA	2021/22-3	Wet	3/28/2022 11:40:00 AM	4/1/2022 7:49:00 PM	Methyl parathion	n/a	<	0.013	µg/L	EPA 625.1m	0.013	0.02	WKL	
MO-OJA	2021/22-3	Wet	3/28/2022 11:40:00 AM	3/31/2022 11:10:00 PM	Metolachlor	n/a	<	0.15	µg/L	EPA 525.2	0.15	0.5	WKL	
MO-OJA	2021/22-3	Wet	3/28/2022 11:40:00 AM	3/31/2022 11:10:00 PM	Metribuzin	n/a	<	0.15	µg/L	EPA 525.2	0.15	0.5	WKL	
MO-OJA	2021/22-3	Wet	3/28/2022 11:40:00 AM	4/1/2022 7:49:00 PM	Mevinphos	n/a	<	0.0084	µg/L	EPA 625.1m	0.0084	0.02	WKL	
MO-OJA	2021/22-3	Wet	3/28/2022 11:40:00 AM	3/31/2022 11:10:00 PM	Molinate	n/a	<	0.15	µg/L	EPA 525.2	0.15	0.5	WKL	
MO-OJA	2021/22-3	Wet	3/28/2022 11:40:00 AM	4/1/2022 7:49:00 PM	Naled	n/a	<	0.015	µg/L	EPA 625.1m	0.015	0.02	WKL	
MO-OJA	2021/22-3	Wet	3/28/2022 11:40:00 AM	4/29/2022 7:14:00 AM	Pentachlorophenol	n/a	DNQ	2.4	µg/L	EPA 8270C	0.75	5	WKL	
MO-OJA	2021/22-3	Wet	3/28/2022 11:40:00 AM	4/1/2022 3:46:00 AM	Pentachlorophenol	n/a	=	0.39	µg/L	EPA 515.4	0.046	0.2	WKL	
MO-OJA	2021/22-3	Wet	3/28/2022 11:40:00 AM	4/28/2022 2:31:00 AM	Pentachlorophenol	n/a	DNQ	4	µg/L	EPA 625.1	2	5	WKL	
MO-OJA	2021/22-3	Wet	3/28/2022 11:40:00 AM	4/1/2022 7:49:00 PM	Phorate	n/a	<	0.006	µg/L	EPA 625.1m	0.006	0.02	WKL	
MO-OJA	2021/22-3	Wet	3/28/2022 11:40:00 AM	4/1/2022 3:46:00 AM	Picloram	n/a	<	0.6	µg/L	EPA 515.4	0.6	0.6	WKL	
MO-OJA	2021/22-3	Wet	3/28/2022 11:40:00 AM	3/31/2022 11:10:00 PM	Prometryn	n/a	<	0.15	µg/L	EPA 525.2	0.15	0.5	WKL	
MO-OJA	2021/22-3	Wet	3/28/2022 11:40:00 AM	4/1/2022 7:49:00 PM	Ronnel (Fenchlorphos)	n/a	<	0.0082	µg/L	EPA 625.1m	0.0082	0.02	WKL	
MO-OJA	2021/22-3	Wet	3/28/2022 11:40:00 AM	3/31/2022 11:10:00 PM	Simazine	n/a	DNQ	0.16	µg/L	EPA 525.2	0.1	0.5	WKL	
MO-OJA	2021/22-3	Wet	3/28/2022 11:40:00 AM	4/1/2022 7:49:00 PM	Stirophos (Tetrachlorvinphos)	n/a	<	0.0062	µg/L	EPA 625.1m	0.0062	0.02	WKL	
MO-OJA	2021/22-3	Wet	3/28/2022 11:40:00 AM	3/31/2022 11:10:00 PM	Terbacil	n/a	<	0.45	µg/L	EPA 525.2	0.45	10	WKL	
MO-OJA	2021/22-3	Wet	3/28/2022 11:40:00 AM	3/31/2022 11:10:00 PM	Thiobencarb	n/a	<	0.15	µg/L	EPA 525.2	0.15	0.5	WKL	
MO-OJA	2021/22-3	Wet	3/28/2022 11:40:00 AM	4/1/2022 7:49:00 PM	Tokuthion	n/a	<	0.016	µg/L	EPA 625.1m	0.016	0.02	WKL	
MO-OJA	2021/22-3	Wet	3/28/2022 11:40:00 AM	4/10/2022 1:42:00 AM	Toxaphene	n/a	<	0.42	µg/L	EPA 608.3	0.42	2.5	WKL	
MO-OJA	2021/22-3	Wet	3/28/2022 11:40:00 AM	4/1/2022 7:49:00 PM	Trichloronate	n/a	<	0.013	µg/L	EPA 625.1m	0.013	0.02	WKL	
MO-OJA	2021/22-3	Wet	3/28/2022 11:40:00 AM	3/31/2022 11:10:00 PM	Trithion	n/a	<	0.1	µg/L	EPA 525.2	0.1	0.5	WKL	
MO-OJA	2021/22-4	Dry	5/3/2022 9:35:00 AM	5/12/2022	Chloride	n/a	=	260	mg/L	EPA 300.0	0.38	1	WKL	
MO-OJA	2021/22-4	Dry	5/3/2022 9:35:00 AM	5/12/2022	Fluoride	n/a	=	0.48	mg/L	EPA 300.0	0.018	0.2	WKL	
MO-OJA	2021/22-4	Dry	5/3/2022 9:35:00 AM	5/13/2022 5:39:00 AM	Perchlorate	n/a	DNQ	0.56	µg/L	EPA 331	0.043	2	WKL	
MO-OJA	2021/22-4	Dry	5/3/2022 9:35:00 AM	5/4/2022 3:30:00 PM	E. Coli	n/a	=	41	MPN/100 mL	MMO-MUG	10	10	VCHCA	
MO-OJA	2021/22-4	Dry	5/3/2022 9:35:00 AM	5/4/2022 3:30:00 PM	Total Coliform	n/a	=	14136	MPN/100 mL	MMO-MUG	10	10	VCHCA	
MO-OJA	2021/22-4	Dry	5/3/2022 9:35:00 AM	5/16/2022 3:15:00 PM	Calcium	Total	=	201	mg/L	EPA 200.7	0.0234	0.5	WKL	
MO-OJA	2021/22-4	Dry	5/3/2022 9:35:00 AM	5/16/2022 3:15:00 PM	Magnesium	Total	=	77.4	mg/L	EPA 200.7	0.039	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	2021/22-4	Dry	5/3/2022 9:35:00 AM	5/12/2022 9:31:00 PM	Alkalinity as CaCO3	n/a	=	330	mg/L	SM 2320 B	1.9	5	WKL	
MO-OJA	2021/22-4	Dry	5/3/2022 9:35:00 AM	5/9/2022 5:55:00 PM	BOD	n/a	<	2	mg/L	SM 5210 B	2	2	WKL	
MO-OJA	2021/22-4	Dry	5/3/2022 9:35:00 AM	5/15/2022 2:47:00 PM	COD	n/a	=	20	mg/L	EPA 410.4	2.9	5	WKL	
MO-OJA	2021/22-4	Dry	5/3/2022 9:35:00 AM	5/3/2022 9:35:00 AM	Conductivity	n/a	=	1709	µmhos/cm	Field Meter	-88	1	Field Crew	
MO-OJA	2021/22-4	Dry	5/3/2022 9:35:00 AM	5/13/2022 3:02:00 PM	Cyanide	Total	<	0.0012	mg/L	ASTM D7511	0.0012	0.002	WKL	
MO-OJA	2021/22-4	Dry	5/3/2022 9:35:00 AM	5/3/2022 9:35:00 AM	DO	n/a	=	16.1	%	Field Meter	-88	0.1	Field Crew	Q
MO-OJA	2021/22-4	Dry	5/3/2022 9:35:00 AM	5/3/2022 9:35:00 AM	DO	n/a	=	1.56	mg/L	Field Meter	-88	0.3	Field Crew	Q
MO-OJA	2021/22-4	Dry	5/3/2022 9:35:00 AM	5/16/2022 3:15:00 PM	Hardness as CaCO3	Total	=	820	mg/L	EPA 200.7	0.219	3.31	WKL	
MO-OJA	2021/22-4	Dry	5/3/2022 9:35:00 AM	5/4/2022 7:08:00 PM	MBAS	n/a	<	0.013	mg/L	SM 5540 C	0.013	0.05	WKL	
MO-OJA	2021/22-4	Dry	5/3/2022 9:35:00 AM	5/3/2022 9:35:00 AM	pH	n/a	=	8.28	pH Units	Field Meter	-88	0.01	Field Crew	
MO-OJA	2021/22-4	Dry	5/3/2022 9:35:00 AM	5/10/2022 2:59:00 PM	Phenolics	n/a	DNQ	0.009	mg/L	EPA 420.4	0.0068	0.01	WKL	
MO-OJA	2021/22-4	Dry	5/3/2022 9:35:00 AM	5/3/2022 9:35:00 AM	Salinity	n/a	=	1000	mg/L	Field Meter	-88	100	Field Crew	
MO-OJA	2021/22-4	Dry	5/3/2022 9:35:00 AM	5/3/2022 9:35:00 AM	Specific Conductance	n/a	=	2013	µmhos/cm	Field Meter	-88	1	Field Crew	
MO-OJA	2021/22-4	Dry	5/3/2022 9:35:00 AM	5/20/2022 2:56:00 PM	Specific Conductance	n/a	=	2400	µmhos/cm	SM 2510 B	3.2	6	WKL	
MO-OJA	2021/22-4	Dry	5/3/2022 9:35:00 AM	5/3/2022 9:35:00 AM	Temperature	n/a	=	17	°C	Field Meter	-88	0.1	Field Crew	
MO-OJA	2021/22-4	Dry	5/3/2022 9:35:00 AM	5/7/2022 2:10:00 PM	Total Dissolved Solids	n/a	=	1500	mg/L	SM 2540 C	4	10	WKL	
MO-OJA	2021/22-4	Dry	5/3/2022 9:35:00 AM	5/12/2022 9:13:00 PM	Total Organic Carbon	n/a	=	4.5	mg/L	SM 5310 B	0.19	0.3	WKL	
MO-OJA	2021/22-4	Dry	5/3/2022 9:35:00 AM	5/9/2022 3:45:00 PM	Total Suspended Solids	n/a	DNQ	2	mg/L	SM 2540 D	-88	5	WKL	
MO-OJA	2021/22-4	Dry	5/3/2022 9:35:00 AM	5/4/2022 3:46:00 PM	Turbidity	n/a	=	0.25	NTU	EPA 180.1	0.017	0.1	WKL	
MO-OJA	2021/22-4	Dry	5/3/2022 9:35:00 AM	5/10/2022 9:00:00 AM	Volatile Suspended Solids	n/a	<	3.1	mg/L	EPA 160.4	3.1	5	WKL	
MO-OJA	2021/22-4	Dry	5/3/2022 9:35:00 AM	5/16/2022 5:20:00 PM	Diesel Range Organics	n/a	=	0.12	mg/L	EPA 8015B	0.072	0.1	WKL	
MO-OJA	2021/22-4	Dry	5/3/2022 9:35:00 AM	5/10/2022 2:12:00 PM	Gasoline Range Organics	n/a	DNQ	0.066	mg/L	EPA 8260B	0.065	0.1	WKL	
MO-OJA	2021/22-4	Dry	5/3/2022 9:35:00 AM	5/4/2022 12:27:00 PM	Oil and Grease	n/a	DNQ	1.8	mg/L	EPA 1664B	0.6	4	WKL	
MO-OJA	2021/22-4	Dry	5/3/2022 9:35:00 AM	5/16/2022 5:20:00 PM	Oil Range Organics	n/a	<	0.33	mg/L	EPA 8015B	0.33	0.5	WKL	
MO-OJA	2021/22-4	Dry	5/3/2022 9:35:00 AM	5/17/2022 7:11:00 PM	Aluminum	Dissolved	DNQ	6	µg/L	EPA 200.8	4.4	20	WKL	
MO-OJA	2021/22-4	Dry	5/3/2022 9:35:00 AM	5/17/2022 7:13:00 PM	Aluminum	Total	DNQ	5.1	µg/L	EPA 200.8	4.4	20	WKL	
MO-OJA	2021/22-4	Dry	5/3/2022 9:35:00 AM	5/17/2022 7:11:00 PM	Antimony	Dissolved	DNQ	0.11	µg/L	EPA 200.8	0.089	0.5	WKL	
MO-OJA	2021/22-4	Dry	5/3/2022 9:35:00 AM	5/17/2022 7:13:00 PM	Antimony	Total	DNQ	0.11	µg/L	EPA 200.8	0.089	0.5	WKL	
MO-OJA	2021/22-4	Dry	5/3/2022 9:35:00 AM	5/17/2022 7:11:00 PM	Arsenic	Dissolved	DNQ	0.38	µg/L	EPA 200.8	0.074	0.4	WKL	
MO-OJA	2021/22-4	Dry	5/3/2022 9:35:00 AM	5/17/2022 7:13:00 PM	Arsenic	Total	=	0.41	µg/L	EPA 200.8	0.074	0.4	WKL	
MO-OJA	2021/22-4	Dry	5/3/2022 9:35:00 AM	5/17/2022 7:13:00 PM	Barium	Total	=	48	µg/L	EPA 200.8	0.14	1	WKL	
MO-OJA	2021/22-4	Dry	5/3/2022 9:35:00 AM	5/17/2022 7:11:00 PM	Beryllium	Dissolved	<	0.062	µg/L	EPA 200.8	0.062	0.1	WKL	
MO-OJA	2021/22-4	Dry	5/3/2022 9:35:00 AM	5/17/2022 7:13:00 PM	Beryllium	Total	<	0.029	µg/L	EPA 200.8	0.029	0.1	WKL	
MO-OJA	2021/22-4	Dry	5/3/2022 9:35:00 AM	5/17/2022 7:11:00 PM	Cadmium	Dissolved	<	0.042	µg/L	EPA 200.8	0.042	0.2	WKL	
MO-OJA	2021/22-4	Dry	5/3/2022 9:35:00 AM	5/17/2022 7:13:00 PM	Cadmium	Total	<	0.042	µg/L	EPA 200.8	0.042	0.2	WKL	
MO-OJA	2021/22-4	Dry	5/3/2022 9:35:00 AM	5/17/2022 7:11:00 PM	Chromium	Dissolved	=	0.2	µg/L	EPA 200.8	0.089	0.2	WKL	
MO-OJA	2021/22-4	Dry	5/3/2022 9:35:00 AM	5/17/2022 7:13:00 PM	Chromium	Total	DNQ	0.15	µg/L	EPA 200.8	0.089	0.2	WKL	
MO-OJA	2021/22-4	Dry	5/3/2022 9:35:00 AM	5/17/2022 6:19:00 PM	Chromium VI	n/a	=	0.14	µg/L	EPA 218.6	0.0079	0.02	WKL	
MO-OJA	2021/22-4	Dry	5/3/2022 9:35:00 AM	5/17/2022 7:11:00 PM	Copper	Dissolved	=	1.1	µg/L	EPA 200.8	0.23	0.5	WKL	
MO-OJA	2021/22-4	Dry	5/3/2022 9:35:00 AM	5/17/2022 7:13:00 PM	Copper	Total	=	1.1	µg/L	EPA 200.8	0.23	0.5	WKL	
MO-OJA	2021/22-4	Dry	5/3/2022 9:35:00 AM	5/17/2022 7:11:00 PM	Iron	Dissolved	DNQ	5.2	µg/L	EPA 200.8	3.9	20	WKL	
MO-OJA	2021/22-4	Dry	5/3/2022 9:35:00 AM	5/17/2022 7:13:00 PM	Iron	Total	DNQ	6.1	µg/L	EPA 200.8	3.9	20	WKL	
MO-OJA	2021/22-4	Dry	5/3/2022 9:35:00 AM	5/17/2022 7:11:00 PM	Lead	Dissolved	<	0.083	µg/L	EPA 200.8	0.083	0.2	WKL	
MO-OJA	2021/22-4	Dry	5/3/2022 9:35:00 AM	5/17/2022 7:13:00 PM	Lead	Total	<	0.083	µg/L	EPA 200.8	0.083	0.2	WKL	
MO-OJA	2021/22-4	Dry	5/3/2022 9:35:00 AM	5/13/2022 1:57:00 PM	Mercury	Dissolved	<	37	ng/L	EPA 245.1	37	50	WKL	
MO-OJA	2021/22-4	Dry	5/3/2022 9:35:00 AM	5/13/2022 1:59:00 PM	Mercury	Total	<	37	ng/L	EPA 245.1	37	50	WKL	
MO-OJA	2021/22-4	Dry	5/3/2022 9:35:00 AM	5/17/2022 7:11:00 PM	Nickel	Dissolved	DNQ	0.62	µg/L	EPA 200.8	0.16	2	WKL	
MO-OJA	2021/22-4	Dry	5/3/2022 9:35:00 AM	5/17/2022 7:13:00 PM	Nickel	Total	DNQ	0.62	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	2021/22-4	Dry	5/3/2022 9:35:00 AM	5/17/2022 7:11:00 PM	Selenium	Dissolved	=	6.7	µg/L	EPA 200.8	0.067	0.4	WKL	
MO-OJA	2021/22-4	Dry	5/3/2022 9:35:00 AM	5/17/2022 7:13:00 PM	Selenium	Total	=	6.7	µg/L	EPA 200.8	0.067	0.4	WKL	
MO-OJA	2021/22-4	Dry	5/3/2022 9:35:00 AM	5/17/2022 7:11:00 PM	Silver	Dissolved	<	0.03	µg/L	EPA 200.8	0.03	0.2	WKL	
MO-OJA	2021/22-4	Dry	5/3/2022 9:35:00 AM	5/17/2022 7:13:00 PM	Silver	Total	<	0.13	µg/L	EPA 200.8	0.13	0.2	WKL	
MO-OJA	2021/22-4	Dry	5/3/2022 9:35:00 AM	5/17/2022 7:11:00 PM	Thallium	Dissolved	<	0.021	µg/L	EPA 200.8	0.021	0.2	WKL	
MO-OJA	2021/22-4	Dry	5/3/2022 9:35:00 AM	5/17/2022 7:13:00 PM	Thallium	Total	<	0.021	µg/L	EPA 200.8	0.021	0.2	WKL	
MO-OJA	2021/22-4	Dry	5/3/2022 9:35:00 AM	5/17/2022 7:11:00 PM	Zinc	Dissolved	DNQ	2.2	µg/L	EPA 200.8	0.8	10	WKL	UL-MB
MO-OJA	2021/22-4	Dry	5/3/2022 9:35:00 AM	5/17/2022 7:13:00 PM	Zinc	Total	DNQ	1.9	µg/L	EPA 200.8	1.7	10	WKL	
MO-OJA	2021/22-4	Dry	5/3/2022 9:35:00 AM	5/12/2022 4:15:00 PM	Ammonia as N	n/a	<	0.017	mg/L	EPA 350.1	0.017	0.1	WKL	
MO-OJA	2021/22-4	Dry	5/3/2022 9:35:00 AM	5/4/2022 6:21:00 PM	Nitrate + Nitrite as N	n/a	=	1.7	mg/L	EPA 353.2	0.036	0.2	WKL	
MO-OJA	2021/22-4	Dry	5/3/2022 9:35:00 AM	5/16/2022 3:12:00 PM	Phosphorus as P	Dissolved	<	0.018	mg/L	EPA 200.7	0.018	0.05	WKL	
MO-OJA	2021/22-4	Dry	5/3/2022 9:35:00 AM	5/16/2022 3:15:00 PM	Phosphorus as P	Total	<	0.018	mg/L	EPA 200.7	0.018	0.05	WKL	
MO-OJA	2021/22-4	Dry	5/3/2022 9:35:00 AM	5/19/2022 4:56:00 PM	TKN	n/a	=	0.55	mg/L	EPA 351.2	0.065	0.1	WKL	
MO-OJA	2021/22-4	Dry	5/3/2022 9:35:00 AM	5/12/2022 3:21:00 AM	1,2,4-Trichlorobenzene	n/a	<	0.49	µg/L	EPA 625.1	0.49	1	WKL	
MO-OJA	2021/22-4	Dry	5/3/2022 9:35:00 AM	5/12/2022 3:21:00 AM	1,2-Dichlorobenzene	n/a	<	0.46	µg/L	EPA 625.1	0.46	1	WKL	
MO-OJA	2021/22-4	Dry	5/3/2022 9:35:00 AM	5/12/2022 3:21:00 AM	1,2-Diphenylhydrazine	n/a	<	0.3	µg/L	EPA 625.1	0.3	1	WKL	
MO-OJA	2021/22-4	Dry	5/3/2022 9:35:00 AM	5/12/2022 3:21:00 AM	1,3-Dichlorobenzene	n/a	<	0.42	µg/L	EPA 625.1	0.42	1	WKL	
MO-OJA	2021/22-4	Dry	5/3/2022 9:35:00 AM	5/12/2022 3:21:00 AM	1,4-Dichlorobenzene	n/a	<	0.48	µg/L	EPA 625.1	0.48	1	WKL	
MO-OJA	2021/22-4	Dry	5/3/2022 9:35:00 AM	5/14/2022 3:10:00 AM	1-Methylnaphthalene	n/a	<	0.024	µg/L	EPA 8270C	0.024	0.1	WKL	
MO-OJA	2021/22-4	Dry	5/3/2022 9:35:00 AM	5/26/2022 2:43:00 AM	2,4,5-Trichlorophenol	n/a	<	0.29	µg/L	EPA 8270C	0.29	1	WKL	
MO-OJA	2021/22-4	Dry	5/3/2022 9:35:00 AM	5/12/2022 3:21:00 AM	2,4,6-Trichlorophenol	n/a	<	0.22	µg/L	EPA 625.1	0.22	1	WKL	
MO-OJA	2021/22-4	Dry	5/3/2022 9:35:00 AM	5/26/2022 2:43:00 AM	2,4,6-Trichlorophenol	n/a	<	0.3	µg/L	EPA 8270C	0.3	1	WKL	
MO-OJA	2021/22-4	Dry	5/3/2022 9:35:00 AM	5/12/2022 3:21:00 AM	2,4-Dichlorophenol	n/a	<	0.26	µg/L	EPA 625.1	0.26	1	WKL	
MO-OJA	2021/22-4	Dry	5/3/2022 9:35:00 AM	5/26/2022 2:43:00 AM	2,4-Dichlorophenol	n/a	<	0.51	µg/L	EPA 8270C	0.51	1	WKL	
MO-OJA	2021/22-4	Dry	5/3/2022 9:35:00 AM	5/12/2022 3:21:00 AM	2,4-Dimethylphenol	n/a	<	0.76	µg/L	EPA 625.1	0.76	1	WKL	
MO-OJA	2021/22-4	Dry	5/3/2022 9:35:00 AM	5/26/2022 2:43:00 AM	2,4-Dimethylphenol	n/a	<	1	µg/L	EPA 8270C	1	2	WKL	
MO-OJA	2021/22-4	Dry	5/3/2022 9:35:00 AM	5/12/2022 3:21:00 AM	2,4-Dinitrophenol	n/a	<	1.9	µg/L	EPA 625.1	1.9	10	WKL	
MO-OJA	2021/22-4	Dry	5/3/2022 9:35:00 AM	5/26/2022 2:43:00 AM	2,4-Dinitrophenol	n/a	<	1	µg/L	EPA 8270C	1	2	WKL	
MO-OJA	2021/22-4	Dry	5/3/2022 9:35:00 AM	5/12/2022 3:21:00 AM	2,4-Dinitrotoluene	n/a	<	0.46	µg/L	EPA 625.1	0.46	1	WKL	
MO-OJA	2021/22-4	Dry	5/3/2022 9:35:00 AM	5/12/2022 3:21:00 AM	2,6-Dinitrotoluene	n/a	<	0.27	µg/L	EPA 625.1	0.27	1	WKL	
MO-OJA	2021/22-4	Dry	5/3/2022 9:35:00 AM	5/12/2022 3:21:00 AM	2-Chloronaphthalene	n/a	<	0.45	µg/L	EPA 625.1	0.45	1	WKL	
MO-OJA	2021/22-4	Dry	5/3/2022 9:35:00 AM	5/12/2022 3:21:00 AM	2-Chlorophenol	n/a	<	0.28	µg/L	EPA 625.1	0.28	1	WKL	
MO-OJA	2021/22-4	Dry	5/3/2022 9:35:00 AM	5/26/2022 2:43:00 AM	2-Chlorophenol	n/a	<	0.65	µg/L	EPA 8270C	0.65	1	WKL	
MO-OJA	2021/22-4	Dry	5/3/2022 9:35:00 AM	5/14/2022 3:10:00 AM	2-Methylnaphthalene	n/a	<	0.026	µg/L	EPA 8270C	0.026	0.1	WKL	
MO-OJA	2021/22-4	Dry	5/3/2022 9:35:00 AM	5/26/2022 2:43:00 AM	2-Methylphenol	n/a	<	0.34	µg/L	EPA 8270C	0.34	1	WKL	
MO-OJA	2021/22-4	Dry	5/3/2022 9:35:00 AM	5/12/2022 3:21:00 AM	2-Nitrophenol	n/a	<	0.26	µg/L	EPA 625.1	0.26	1	WKL	
MO-OJA	2021/22-4	Dry	5/3/2022 9:35:00 AM	5/26/2022 2:43:00 AM	2-Nitrophenol	n/a	<	0.71	µg/L	EPA 8270C	0.71	1	WKL	
MO-OJA	2021/22-4	Dry	5/3/2022 9:35:00 AM	5/12/2022 3:21:00 AM	3,3'-Dichlorobenzidine	n/a	<	2.5	µg/L	EPA 625.1	2.5	5	WKL	
MO-OJA	2021/22-4	Dry	5/3/2022 9:35:00 AM	5/26/2022 2:43:00 AM	3-/4-Methylphenol	n/a	<	0.3	µg/L	EPA 8270C	0.3	1	WKL	
MO-OJA	2021/22-4	Dry	5/3/2022 9:35:00 AM	5/12/2022 3:21:00 AM	4,6-Dinitro-2-methylphenol	n/a	<	0.5	µg/L	EPA 625.1	0.5	5	WKL	
MO-OJA	2021/22-4	Dry	5/3/2022 9:35:00 AM	5/26/2022 2:43:00 AM	4,6-Dinitro-2-methylphenol	n/a	<	0.14	µg/L	EPA 8270C	0.14	1	WKL	
MO-OJA	2021/22-4	Dry	5/3/2022 9:35:00 AM	5/12/2022 3:21:00 AM	4-Bromophenyl phenyl ether	n/a	<	0.36	µg/L	EPA 625.1	0.36	1	WKL	
MO-OJA	2021/22-4	Dry	5/3/2022 9:35:00 AM	5/12/2022 3:21:00 AM	4-Chloro-3-methylphenol	n/a	<	0.23	µg/L	EPA 625.1	0.23	1	WKL	
MO-OJA	2021/22-4	Dry	5/3/2022 9:35:00 AM	5/26/2022 2:43:00 AM	4-Chloro-3-methylphenol	n/a	<	0.37	µg/L	EPA 8270C	0.37	1	WKL	
MO-OJA	2021/22-4	Dry	5/3/2022 9:35:00 AM	5/12/2022 3:21:00 AM	4-Chlorophenyl phenyl ether	n/a	<	0.41	µg/L	EPA 625.1	0.41	1	WKL	
MO-OJA	2021/22-4	Dry	5/3/2022 9:35:00 AM	5/12/2022 3:21:00 AM	4-Nitrophenol	n/a	<	1.2	µg/L	EPA 625.1	1.2	5	WKL	
MO-OJA	2021/22-4	Dry	5/3/2022 9:35:00 AM	5/26/2022 2:43:00 AM	4-Nitrophenol	n/a	<	1	µg/L	EPA 8270C	1	2	WKL	
MO-OJA	2021/22-4	Dry	5/3/2022 9:35:00 AM	5/14/2022 3:10:00 AM	Acenaphthene	n/a	<	0.028	µg/L	EPA 8270C	0.028	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	2021/22-4	Dry	5/3/2022 9:35:00 AM	5/12/2022 3:21:00 AM	Acenaphthene	n/a	<	0.38	µg/L	EPA 625.1	0.38	1	WKL	
MO-OJA	2021/22-4	Dry	5/3/2022 9:35:00 AM	5/12/2022 3:21:00 AM	Acenaphthylene	n/a	<	0.35	µg/L	EPA 625.1	0.35	1	WKL	
MO-OJA	2021/22-4	Dry	5/3/2022 9:35:00 AM	5/14/2022 3:10:00 AM	Acenaphthylene	n/a	<	0.033	µg/L	EPA 8270C	0.033	0.1	WKL	
MO-OJA	2021/22-4	Dry	5/3/2022 9:35:00 AM	5/12/2022 3:21:00 AM	Anthracene	n/a	<	0.41	µg/L	EPA 625.1	0.41	1	WKL	
MO-OJA	2021/22-4	Dry	5/3/2022 9:35:00 AM	5/14/2022 3:10:00 AM	Anthracene	n/a	<	0.025	µg/L	EPA 8270C	0.025	0.1	WKL	
MO-OJA	2021/22-4	Dry	5/3/2022 9:35:00 AM	5/14/2022 3:10:00 AM	Benz(a)anthracene	n/a	<	0.051	µg/L	EPA 8270C	0.051	0.1	WKL	
MO-OJA	2021/22-4	Dry	5/3/2022 9:35:00 AM	5/12/2022 3:21:00 AM	Benz(a)anthracene	n/a	<	0.19	µg/L	EPA 625.1	0.19	1	WKL	
MO-OJA	2021/22-4	Dry	5/3/2022 9:35:00 AM	5/12/2022 3:21:00 AM	Benzdine	n/a	<	3.2	µg/L	EPA 625.1	3.2	10	WKL	
MO-OJA	2021/22-4	Dry	5/3/2022 9:35:00 AM	5/10/2022 8:07:00 PM	Benzo(a)pyrene	n/a	<	0.02	µg/L	EPA 525.2	0.02	0.1	WKL	
MO-OJA	2021/22-4	Dry	5/3/2022 9:35:00 AM	5/12/2022 3:21:00 AM	Benzo(a)pyrene	n/a	<	0.39	µg/L	EPA 625.1	0.39	1	WKL	
MO-OJA	2021/22-4	Dry	5/3/2022 9:35:00 AM	5/14/2022 3:10:00 AM	Benzo(a)pyrene	n/a	<	0.051	µg/L	EPA 8270C	0.051	0.1	WKL	
MO-OJA	2021/22-4	Dry	5/3/2022 9:35:00 AM	5/12/2022 3:21:00 AM	Benzo(b)fluoranthene	n/a	<	0.46	µg/L	EPA 625.1	0.46	1	WKL	
MO-OJA	2021/22-4	Dry	5/3/2022 9:35:00 AM	5/14/2022 3:10:00 AM	Benzo(b)fluoranthene	n/a	<	0.074	µg/L	EPA 8270C	0.074	0.1	WKL	
MO-OJA	2021/22-4	Dry	5/3/2022 9:35:00 AM	5/14/2022 3:10:00 AM	Benzo(g,h,i)perylene	n/a	<	0.05	µg/L	EPA 8270C	0.05	0.1	WKL	
MO-OJA	2021/22-4	Dry	5/3/2022 9:35:00 AM	5/12/2022 3:21:00 AM	Benzo(g,h,i)perylene	n/a	<	0.42	µg/L	EPA 625.1	0.42	2	WKL	
MO-OJA	2021/22-4	Dry	5/3/2022 9:35:00 AM	5/12/2022 3:21:00 AM	Benzo(k)fluoranthene	n/a	<	0.22	µg/L	EPA 625.1	0.22	1	WKL	
MO-OJA	2021/22-4	Dry	5/3/2022 9:35:00 AM	5/14/2022 3:10:00 AM	Benzo(k)fluoranthene	n/a	DNQ	0.038	µg/L	EPA 8270C	0.026	0.1	WKL	
MO-OJA	2021/22-4	Dry	5/3/2022 9:35:00 AM	5/12/2022 3:21:00 AM	Bis(2-chloroethoxy)methane	n/a	<	0.25	µg/L	EPA 625.1	0.25	1	WKL	
MO-OJA	2021/22-4	Dry	5/3/2022 9:35:00 AM	5/12/2022 3:21:00 AM	Bis(2-chloroethyl)ether	n/a	<	0.27	µg/L	EPA 625.1	0.27	1	WKL	
MO-OJA	2021/22-4	Dry	5/3/2022 9:35:00 AM	5/12/2022 3:21:00 AM	Bis(2-chloroisopropyl)ether	n/a	<	0.38	µg/L	EPA 625.1	0.38	1	WKL	
MO-OJA	2021/22-4	Dry	5/3/2022 9:35:00 AM	5/10/2022 8:07:00 PM	Bis(2-ethylhexyl)adipate	n/a	<	0.42	µg/L	EPA 525.2	0.42	5	WKL	
MO-OJA	2021/22-4	Dry	5/3/2022 9:35:00 AM	5/12/2022 3:21:00 AM	Bis(2-ethylhexyl)phthalate	n/a	<	2.3	µg/L	EPA 625.1	2.3	5	WKL	
MO-OJA	2021/22-4	Dry	5/3/2022 9:35:00 AM	5/10/2022 8:07:00 PM	Bis(2-ethylhexyl)phthalate	n/a	<	0.41	µg/L	EPA 525.2	0.41	3	WKL	
MO-OJA	2021/22-4	Dry	5/3/2022 9:35:00 AM	5/12/2022 3:21:00 AM	Butyl benzyl phthalate	n/a	<	0.49	µg/L	EPA 625.1	0.49	1	WKL	
MO-OJA	2021/22-4	Dry	5/3/2022 9:35:00 AM	5/14/2022 3:10:00 AM	Chrysene	n/a	<	0.074	µg/L	EPA 8270C	0.074	0.1	WKL	
MO-OJA	2021/22-4	Dry	5/3/2022 9:35:00 AM	5/12/2022 3:21:00 AM	Chrysene	n/a	<	0.19	µg/L	EPA 625.1	0.19	1	WKL	
MO-OJA	2021/22-4	Dry	5/3/2022 9:35:00 AM	5/12/2022 3:21:00 AM	Dibenz(a,h)anthracene	n/a	<	0.15	µg/L	EPA 625.1	0.15	2	WKL	
MO-OJA	2021/22-4	Dry	5/3/2022 9:35:00 AM	5/14/2022 3:10:00 AM	Dibenz(a,h)anthracene	n/a	DNQ	0.037	µg/L	EPA 8270C	0.036	0.1	WKL	
MO-OJA	2021/22-4	Dry	5/3/2022 9:35:00 AM	5/12/2022 3:21:00 AM	Diethyl phthalate	n/a	<	0.35	µg/L	EPA 625.1	0.35	1	WKL	
MO-OJA	2021/22-4	Dry	5/3/2022 9:35:00 AM	5/12/2022 3:21:00 AM	Dimethyl phthalate	n/a	<	0.18	µg/L	EPA 625.1	0.18	1	WKL	
MO-OJA	2021/22-4	Dry	5/3/2022 9:35:00 AM	5/12/2022 3:21:00 AM	Di-n-butylphthalate	n/a	DNQ	0.35	µg/L	EPA 625.1	0.34	1	WKL	
MO-OJA	2021/22-4	Dry	5/3/2022 9:35:00 AM	5/12/2022 3:21:00 AM	Di-n-octylphthalate	n/a	<	0.46	µg/L	EPA 625.1	0.46	1	WKL	
MO-OJA	2021/22-4	Dry	5/3/2022 9:35:00 AM	5/12/2022 3:21:00 AM	Fluoranthene	n/a	<	0.35	µg/L	EPA 625.1	0.35	1	WKL	
MO-OJA	2021/22-4	Dry	5/3/2022 9:35:00 AM	5/14/2022 3:10:00 AM	Fluoranthene	n/a	<	0.039	µg/L	EPA 8270C	0.039	0.1	WKL	
MO-OJA	2021/22-4	Dry	5/3/2022 9:35:00 AM	5/12/2022 3:21:00 AM	Fluorene	n/a	<	0.35	µg/L	EPA 625.1	0.35	1	WKL	
MO-OJA	2021/22-4	Dry	5/3/2022 9:35:00 AM	5/14/2022 3:10:00 AM	Fluorene	n/a	<	0.029	µg/L	EPA 8270C	0.029	0.1	WKL	
MO-OJA	2021/22-4	Dry	5/3/2022 9:35:00 AM	5/12/2022 3:21:00 AM	Hexachlorobenzene	n/a	<	0.49	µg/L	EPA 625.1	0.49	1	WKL	
MO-OJA	2021/22-4	Dry	5/3/2022 9:35:00 AM	5/12/2022 3:21:00 AM	Hexachlorobutadiene	n/a	<	0.47	µg/L	EPA 625.1	0.47	1	WKL	
MO-OJA	2021/22-4	Dry	5/3/2022 9:35:00 AM	5/10/2022 8:07:00 PM	Hexachlorocyclopentadiene	n/a	<	0.092	µg/L	EPA 525.2	0.092	1	WKL	
MO-OJA	2021/22-4	Dry	5/3/2022 9:35:00 AM	5/12/2022 3:21:00 AM	Hexachlorocyclopentadiene	n/a	<	0.31	µg/L	EPA 625.1	0.31	5	WKL	
MO-OJA	2021/22-4	Dry	5/3/2022 9:35:00 AM	5/12/2022 3:21:00 AM	Hexachloroethane	n/a	<	0.5	µg/L	EPA 625.1	0.5	1	WKL	
MO-OJA	2021/22-4	Dry	5/3/2022 9:35:00 AM	5/14/2022 3:10:00 AM	Indeno(1,2,3-cd)pyrene	n/a	<	0.065	µg/L	EPA 8270C	0.065	0.1	WKL	
MO-OJA	2021/22-4	Dry	5/3/2022 9:35:00 AM	5/12/2022 3:21:00 AM	Indeno(1,2,3-cd)pyrene	n/a	<	0.25	µg/L	EPA 625.1	0.25	2	WKL	
MO-OJA	2021/22-4	Dry	5/3/2022 9:35:00 AM	5/12/2022 3:21:00 AM	Isophorone	n/a	<	0.21	µg/L	EPA 625.1	0.21	1	WKL	
MO-OJA	2021/22-4	Dry	5/3/2022 9:35:00 AM	5/14/2022 3:10:00 AM	Naphthalene	n/a	<	0.026	µg/L	EPA 8270C	0.026	0.1	WKL	
MO-OJA	2021/22-4	Dry	5/3/2022 9:35:00 AM	5/12/2022 3:21:00 AM	Naphthalene	n/a	<	0.49	µg/L	EPA 625.1	0.49	1	WKL	
MO-OJA	2021/22-4	Dry	5/3/2022 9:35:00 AM	5/12/2022 3:21:00 AM	Nitrobenzene	n/a	<	0.36	µg/L	EPA 625.1	0.36	1	WKL	
MO-OJA	2021/22-4	Dry	5/3/2022 9:35:00 AM	5/12/2022 3:21:00 AM	N-Nitrosodimethylamine	n/a	<	0.5	µg/L	EPA 625.1	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-OJA	2021/22-4	Dry	5/3/2022 9:35:00 AM	5/12/2022 3:21:00 AM	N-Nitrosodi-N-propylamine	n/a	<	0.26	µg/L	EPA 625.1	0.26	1	WKL	
MO-OJA	2021/22-4	Dry	5/3/2022 9:35:00 AM	5/12/2022 3:21:00 AM	N-Nitrosodiphenylamine	n/a	<	0.19	µg/L	EPA 625.1	0.19	1	WKL	
MO-OJA	2021/22-4	Dry	5/3/2022 9:35:00 AM	5/14/2022 3:10:00 AM	Phenanthrene	n/a	<	0.029	µg/L	EPA 8270C	0.029	0.1	WKL	
MO-OJA	2021/22-4	Dry	5/3/2022 9:35:00 AM	5/12/2022 3:21:00 AM	Phenanthrene	n/a	<	0.32	µg/L	EPA 625.1	0.32	1	WKL	
MO-OJA	2021/22-4	Dry	5/3/2022 9:35:00 AM	5/12/2022 3:21:00 AM	Phenol	n/a	<	0.81	µg/L	EPA 625.1	0.81	1	WKL	
MO-OJA	2021/22-4	Dry	5/3/2022 9:35:00 AM	5/26/2022 2:43:00 AM	Phenol	n/a	DNQ	0.36	µg/L	EPA 8270C	0.35	1	WKL	
MO-OJA	2021/22-4	Dry	5/3/2022 9:35:00 AM	5/12/2022 3:21:00 AM	Pyrene	n/a	<	0.25	µg/L	EPA 625.1	0.25	1	WKL	
MO-OJA	2021/22-4	Dry	5/3/2022 9:35:00 AM	5/14/2022 3:10:00 AM	Pyrene	n/a	<	0.04	µg/L	EPA 8270C	0.04	0.1	WKL	
MO-OJA	2021/22-4	Dry	5/3/2022 9:35:00 AM	6/10/2022 8:24:00 AM	PCB Aroclor 1016	n/a	<	1	µg/L	EPA 608.3	1	1	WKL	
MO-OJA	2021/22-4	Dry	5/3/2022 9:35:00 AM	6/10/2022 8:24:00 AM	PCB Aroclor 1221	n/a	<	1	µg/L	EPA 608.3	1	1	WKL	
MO-OJA	2021/22-4	Dry	5/3/2022 9:35:00 AM	6/10/2022 8:24:00 AM	PCB Aroclor 1232	n/a	<	1	µg/L	EPA 608.3	1	1	WKL	
MO-OJA	2021/22-4	Dry	5/3/2022 9:35:00 AM	6/10/2022 8:24:00 AM	PCB Aroclor 1242	n/a	<	1	µg/L	EPA 608.3	1	1	WKL	
MO-OJA	2021/22-4	Dry	5/3/2022 9:35:00 AM	6/10/2022 8:24:00 AM	PCB Aroclor 1248	n/a	<	1	µg/L	EPA 608.3	1	1	WKL	
MO-OJA	2021/22-4	Dry	5/3/2022 9:35:00 AM	6/10/2022 8:24:00 AM	PCB Aroclor 1254	n/a	<	1	µg/L	EPA 608.3	1	1	WKL	
MO-OJA	2021/22-4	Dry	5/3/2022 9:35:00 AM	6/10/2022 8:24:00 AM	PCB Aroclor 1260	n/a	<	1	µg/L	EPA 608.3	1	1	WKL	
MO-OJA	2021/22-4	Dry	5/3/2022 9:35:00 AM	5/12/2022 8:41:00 PM	2,4,5-T	n/a	<	0.03	µg/L	EPA 515.4	0.03	0.2	WKL	
MO-OJA	2021/22-4	Dry	5/3/2022 9:35:00 AM	5/12/2022 8:41:00 PM	2,4,5-TP	n/a	<	0.026	µg/L	EPA 515.4	0.026	0.2	WKL	
MO-OJA	2021/22-4	Dry	5/3/2022 9:35:00 AM	5/12/2022 8:41:00 PM	2,4-D	n/a	<	0.14	µg/L	EPA 515.4	0.14	0.4	WKL	
MO-OJA	2021/22-4	Dry	5/3/2022 9:35:00 AM	5/12/2022 8:41:00 PM	2,4-DB	n/a	<	0.19	µg/L	EPA 515.4	0.19	2	WKL	
MO-OJA	2021/22-4	Dry	5/3/2022 9:35:00 AM	5/12/2022 8:41:00 PM	3,5-Dichlorobenzoic acid	n/a	<	0.12	µg/L	EPA 515.4	0.12	1	WKL	
MO-OJA	2021/22-4	Dry	5/3/2022 9:35:00 AM	6/10/2022 8:24:00 AM	4,4'-DDD	n/a	<	0.0014	µg/L	EPA 608.3	0.0014	0.1	WKL	
MO-OJA	2021/22-4	Dry	5/3/2022 9:35:00 AM	6/10/2022 8:24:00 AM	4,4'-DDE	n/a	<	0.0014	µg/L	EPA 608.3	0.0014	0.1	WKL	
MO-OJA	2021/22-4	Dry	5/3/2022 9:35:00 AM	6/10/2022 8:24:00 AM	4,4'-DDT	n/a	<	0.0022	µg/L	EPA 608.3	0.0022	0.02	WKL	
MO-OJA	2021/22-4	Dry	5/3/2022 9:35:00 AM	5/12/2022 8:41:00 PM	Acifluorfen	n/a	<	0.03	µg/L	EPA 515.4	0.03	0.4	WKL	
MO-OJA	2021/22-4	Dry	5/3/2022 9:35:00 AM	5/10/2022 8:07:00 PM	Alachlor	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1	WKL	
MO-OJA	2021/22-4	Dry	5/3/2022 9:35:00 AM	6/10/2022 8:24:00 AM	Aldrin	n/a	<	0.002	µg/L	EPA 608.3	0.002	0.01	WKL	
MO-OJA	2021/22-4	Dry	5/3/2022 9:35:00 AM	6/10/2022 8:24:00 AM	alpha-BHC	n/a	<	0.0022	µg/L	EPA 608.3	0.0022	0.02	WKL	
MO-OJA	2021/22-4	Dry	5/3/2022 9:35:00 AM	6/10/2022 8:24:00 AM	alpha-Chlordane	n/a	<	0.0058	µg/L	EPA 608.3	0.0058	0.02	WKL	
MO-OJA	2021/22-4	Dry	5/3/2022 9:35:00 AM	5/10/2022 8:07:00 PM	Atrazine	n/a	<	0.011	µg/L	EPA 525.2	0.011	0.1	WKL	
MO-OJA	2021/22-4	Dry	5/3/2022 9:35:00 AM	5/26/2022 4:50:00 AM	Azinphos methyl	n/a	<	0.0053	µg/L	EPA 625.1m	0.0053	0.01	WKL	
MO-OJA	2021/22-4	Dry	5/3/2022 9:35:00 AM	5/12/2022 8:41:00 PM	Bentazon	n/a	<	0.23	µg/L	EPA 515.4	0.23	2	WKL	
MO-OJA	2021/22-4	Dry	5/3/2022 9:35:00 AM	6/10/2022 8:24:00 AM	beta-BHC	n/a	<	0.003	µg/L	EPA 608.3	0.003	0.01	WKL	
MO-OJA	2021/22-4	Dry	5/3/2022 9:35:00 AM	5/26/2022 4:50:00 AM	Bolstar	n/a	<	0.0027	µg/L	EPA 625.1m	0.0027	0.01	WKL	
MO-OJA	2021/22-4	Dry	5/3/2022 9:35:00 AM	5/10/2022 8:07:00 PM	Bromacil	n/a	<	0.07	µg/L	EPA 525.2	0.07	0.5	WKL	
MO-OJA	2021/22-4	Dry	5/3/2022 9:35:00 AM	5/10/2022 8:07:00 PM	Butachlor	n/a	<	0.012	µg/L	EPA 525.2	0.012	0.1	WKL	
MO-OJA	2021/22-4	Dry	5/3/2022 9:35:00 AM	5/10/2022 8:07:00 PM	Captan	n/a	<	0.32	µg/L	EPA 525.2	0.32	1	WKL	
MO-OJA	2021/22-4	Dry	5/3/2022 9:35:00 AM	6/10/2022 8:24:00 AM	Chlordane (technical)	n/a	<	0.086	µg/L	EPA 608.3	0.086	0.2	WKL	
MO-OJA	2021/22-4	Dry	5/3/2022 9:35:00 AM	5/10/2022 8:07:00 PM	Chloroprotham	n/a	<	0.04	µg/L	EPA 525.2	0.04	0.1	WKL	
MO-OJA	2021/22-4	Dry	5/3/2022 9:35:00 AM	5/26/2022 4:50:00 AM	Chlorpyrifos	n/a	<	0.0013	µg/L	EPA 625.1m	0.0013	0.01	WKL	
MO-OJA	2021/22-4	Dry	5/3/2022 9:35:00 AM	5/26/2022 4:50:00 AM	Coumaphos	n/a	<	0.0055	µg/L	EPA 625.1m	0.0055	0.01	WKL	
MO-OJA	2021/22-4	Dry	5/3/2022 9:35:00 AM	5/12/2022 8:41:00 PM	Dalapon	n/a	<	0.11	µg/L	EPA 515.4	0.11	0.4	WKL	
MO-OJA	2021/22-4	Dry	5/3/2022 9:35:00 AM	5/12/2022 8:41:00 PM	DCPA (Dacthal)	n/a	<	0.029	µg/L	EPA 515.4	0.029	0.1	WKL	
MO-OJA	2021/22-4	Dry	5/3/2022 9:35:00 AM	6/10/2022 8:24:00 AM	delta-BHC	n/a	<	0.0038	µg/L	EPA 608.3	0.0038	0.01	WKL	
MO-OJA	2021/22-4	Dry	5/3/2022 9:35:00 AM	5/26/2022 4:50:00 AM	Demeton-O	n/a	<	0.0019	µg/L	EPA 625.1m	0.0019	0.01	WKL	
MO-OJA	2021/22-4	Dry	5/3/2022 9:35:00 AM	5/26/2022 4:50:00 AM	Demeton-S	n/a	<	0.0014	µg/L	EPA 625.1m	0.0014	0.01	WKL	
MO-OJA	2021/22-4	Dry	5/3/2022 9:35:00 AM	5/26/2022 4:50:00 AM	Diazinon	n/a	<	0.001	µg/L	EPA 625.1m	0.001	0.01	WKL	
MO-OJA	2021/22-4	Dry	5/3/2022 9:35:00 AM	5/10/2022 8:07:00 PM	Diazinon	n/a	<	0.022	µg/L	EPA 525.2	0.022	0.1	WKL	
MO-OJA	2021/22-4	Dry	5/3/2022 9:35:00 AM	5/12/2022 8:41:00 PM	Dicamba	n/a	<	0.049	µg/L	EPA 515.4	0.049	0.6	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-OJA	2021/22-4	Dry	5/3/2022 9:35:00 AM	5/12/2022 8:41:00 PM	Dichlorprop	n/a	<	0.12	µg/L	EPA 515.4	0.12	0.3	WKL	
MO-OJA	2021/22-4	Dry	5/3/2022 9:35:00 AM	5/26/2022 4:50:00 AM	Dichlorvos	n/a	<	0.0009	µg/L	EPA 625.1m	0.0009	0.01	WKL	
MO-OJA	2021/22-4	Dry	5/3/2022 9:35:00 AM	6/10/2022 8:24:00 AM	Dieldrin	n/a	<	0.0016	µg/L	EPA 608.3	0.0016	0.02	WKL	
MO-OJA	2021/22-4	Dry	5/3/2022 9:35:00 AM	5/26/2022 4:50:00 AM	Dimethoate	n/a	<	0.0027	µg/L	EPA 625.1m	0.0027	0.01	WKL	
MO-OJA	2021/22-4	Dry	5/3/2022 9:35:00 AM	5/10/2022 8:07:00 PM	Dimethoate	n/a	<	0.02	µg/L	EPA 525.2	0.02	0.2	WKL	
MO-OJA	2021/22-4	Dry	5/3/2022 9:35:00 AM	5/12/2022 8:41:00 PM	Dinoseb	n/a	<	0.033	µg/L	EPA 515.4	0.033	0.4	WKL	
MO-OJA	2021/22-4	Dry	5/3/2022 9:35:00 AM	5/10/2022 8:07:00 PM	Diphenamid	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1	WKL	
MO-OJA	2021/22-4	Dry	5/3/2022 9:35:00 AM	5/10/2022 8:07:00 PM	Disulfoton	n/a	<	0.015	µg/L	EPA 525.2	0.015	0.1	WKL	
MO-OJA	2021/22-4	Dry	5/3/2022 9:35:00 AM	5/26/2022 4:50:00 AM	Disulfoton	n/a	<	0.0017	µg/L	EPA 625.1m	0.0017	0.01	WKL	
MO-OJA	2021/22-4	Dry	5/3/2022 9:35:00 AM	6/10/2022 8:24:00 AM	Endosulfan I	n/a	<	0.0018	µg/L	EPA 608.3	0.0018	0.04	WKL	
MO-OJA	2021/22-4	Dry	5/3/2022 9:35:00 AM	6/10/2022 8:24:00 AM	Endosulfan II	n/a	<	0.0014	µg/L	EPA 608.3	0.0014	0.02	WKL	
MO-OJA	2021/22-4	Dry	5/3/2022 9:35:00 AM	6/10/2022 8:24:00 AM	Endosulfan sulfate	n/a	<	0.0026	µg/L	EPA 608.3	0.0026	0.1	WKL	
MO-OJA	2021/22-4	Dry	5/3/2022 9:35:00 AM	6/10/2022 8:24:00 AM	Endrin	n/a	<	0.0034	µg/L	EPA 608.3	0.0034	0.02	WKL	
MO-OJA	2021/22-4	Dry	5/3/2022 9:35:00 AM	6/10/2022 8:24:00 AM	Endrin aldehyde	n/a	<	0.0038	µg/L	EPA 608.3	0.0038	0.02	WKL	
MO-OJA	2021/22-4	Dry	5/3/2022 9:35:00 AM	5/10/2022 8:07:00 PM	EPTC	n/a	<	0.02	µg/L	EPA 525.2	0.02	0.1	WKL	
MO-OJA	2021/22-4	Dry	5/3/2022 9:35:00 AM	5/26/2022 4:50:00 AM	Ethoprop	n/a	<	0.0006	µg/L	EPA 625.1m	0.0006	0.01	WKL	
MO-OJA	2021/22-4	Dry	5/3/2022 9:35:00 AM	5/26/2022 4:50:00 AM	Ethyl parathion	n/a	<	0.0022	µg/L	EPA 625.1m	0.0022	0.01	WKL	
MO-OJA	2021/22-4	Dry	5/3/2022 9:35:00 AM	5/26/2022 4:50:00 AM	Fensulfothion	n/a	<	0.0029	µg/L	EPA 625.1m	0.0029	0.01	WKL	
MO-OJA	2021/22-4	Dry	5/3/2022 9:35:00 AM	5/26/2022 4:50:00 AM	Fenthion	n/a	<	0.0021	µg/L	EPA 625.1m	0.0021	0.01	WKL	LB-LCSR
MO-OJA	2021/22-4	Dry	5/3/2022 9:35:00 AM	6/10/2022 8:24:00 AM	gamma-BHC (Lindane)	n/a	<	0.0008	µg/L	EPA 608.3	0.0008	0.04	WKL	
MO-OJA	2021/22-4	Dry	5/3/2022 9:35:00 AM	6/10/2022 8:24:00 AM	gamma-Chlordane	n/a	<	0.0046	µg/L	EPA 608.3	0.0046	0.02	WKL	
MO-OJA	2021/22-4	Dry	5/3/2022 9:35:00 AM	5/4/2022 4:48:00 PM	Glyphosate	n/a	<	1.8	µg/L	EPA 547	1.8	5	WKL	
MO-OJA	2021/22-4	Dry	5/3/2022 9:35:00 AM	6/10/2022 8:24:00 AM	Heptachlor	n/a	<	0.0012	µg/L	EPA 608.3	0.0012	0.02	WKL	
MO-OJA	2021/22-4	Dry	5/3/2022 9:35:00 AM	6/10/2022 8:24:00 AM	Heptachlor epoxide	n/a	<	0.0008	µg/L	EPA 608.3	0.0008	0.02	WKL	
MO-OJA	2021/22-4	Dry	5/3/2022 9:35:00 AM	5/26/2022 4:50:00 AM	Malathion	n/a	<	0.0021	µg/L	EPA 625.1m	0.0021	0.01	WKL	
MO-OJA	2021/22-4	Dry	5/3/2022 9:35:00 AM	5/26/2022 4:50:00 AM	Merphos	n/a	<	0.0055	µg/L	EPA 625.1m	0.0055	0.01	WKL	
MO-OJA	2021/22-4	Dry	5/3/2022 9:35:00 AM	5/26/2022 4:50:00 AM	Methyl parathion	n/a	<	0.0013	µg/L	EPA 625.1m	0.0013	0.01	WKL	
MO-OJA	2021/22-4	Dry	5/3/2022 9:35:00 AM	5/10/2022 8:07:00 PM	Metolachlor	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1	WKL	
MO-OJA	2021/22-4	Dry	5/3/2022 9:35:00 AM	5/10/2022 8:07:00 PM	Metribuzin	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1	WKL	
MO-OJA	2021/22-4	Dry	5/3/2022 9:35:00 AM	5/26/2022 4:50:00 AM	Mevinphos	n/a	<	0.0013	µg/L	EPA 625.1m	0.0013	0.01	WKL	
MO-OJA	2021/22-4	Dry	5/3/2022 9:35:00 AM	5/10/2022 8:07:00 PM	Molinate	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1	WKL	
MO-OJA	2021/22-4	Dry	5/3/2022 9:35:00 AM	5/26/2022 4:50:00 AM	Naled	n/a	<	0.0007	µg/L	EPA 625.1m	0.0007	0.01	WKL	
MO-OJA	2021/22-4	Dry	5/3/2022 9:35:00 AM	5/12/2022 8:41:00 PM	Pentachlorophenol	n/a	<	0.046	µg/L	EPA 515.4	0.046	0.2	WKL	
MO-OJA	2021/22-4	Dry	5/3/2022 9:35:00 AM	5/12/2022 3:21:00 AM	Pentachlorophenol	n/a	<	0.4	µg/L	EPA 625.1	0.4	1	WKL	
MO-OJA	2021/22-4	Dry	5/3/2022 9:35:00 AM	5/26/2022 2:43:00 AM	Pentachlorophenol	n/a	<	0.15	µg/L	EPA 8270C	0.15	1	WKL	
MO-OJA	2021/22-4	Dry	5/3/2022 9:35:00 AM	5/26/2022 4:50:00 AM	Phorate	n/a	<	0.0014	µg/L	EPA 625.1m	0.0014	0.01	WKL	
MO-OJA	2021/22-4	Dry	5/3/2022 9:35:00 AM	5/12/2022 8:41:00 PM	Picloram	n/a	<	0.05	µg/L	EPA 515.4	0.05	0.6	WKL	
MO-OJA	2021/22-4	Dry	5/3/2022 9:35:00 AM	5/10/2022 8:07:00 PM	Prometryn	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1	WKL	
MO-OJA	2021/22-4	Dry	5/3/2022 9:35:00 AM	5/26/2022 4:50:00 AM	Ronnel (Fenchlorphos)	n/a	<	0.0014	µg/L	EPA 625.1m	0.0014	0.01	WKL	
MO-OJA	2021/22-4	Dry	5/3/2022 9:35:00 AM	5/10/2022 8:07:00 PM	Simazine	n/a	<	0.02	µg/L	EPA 525.2	0.02	0.1	WKL	
MO-OJA	2021/22-4	Dry	5/3/2022 9:35:00 AM	5/26/2022 4:50:00 AM	Stirophos (Tetrachlorvinphos)	n/a	<	0.0024	µg/L	EPA 625.1m	0.0024	0.01	WKL	
MO-OJA	2021/22-4	Dry	5/3/2022 9:35:00 AM	5/10/2022 8:07:00 PM	Terbacil	n/a	<	0.09	µg/L	EPA 525.2	0.09	2	WKL	
MO-OJA	2021/22-4	Dry	5/3/2022 9:35:00 AM	5/10/2022 8:07:00 PM	Thiobencarb	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1	WKL	
MO-OJA	2021/22-4	Dry	5/3/2022 9:35:00 AM	5/26/2022 4:50:00 AM	Tokuthion	n/a	<	0.0022	µg/L	EPA 625.1m	0.0022	0.01	WKL	
MO-OJA	2021/22-4	Dry	5/3/2022 9:35:00 AM	6/10/2022 8:24:00 AM	Toxaphene	n/a	<	0.17	µg/L	EPA 608.3	0.17	1	WKL	
MO-OJA	2021/22-4	Dry	5/3/2022 9:35:00 AM	5/26/2022 4:50:00 AM	Trichloronate	n/a	<	0.0016	µg/L	EPA 625.1m	0.0016	0.01	WKL	LB-LCSR
MO-OJA	2021/22-4	Dry	5/3/2022 9:35:00 AM	5/10/2022 8:07:00 PM	Trithion	n/a	<	0.02	µg/L	EPA 525.2	0.02	0.1	WKL	
MO-OXN	2021/22-1	Wet	10/25/2021 9:45:00 AM	10/26/2021 11:49:00 AM	E. Coli	n/a	=	104620	MPN/100 mL	MMO-MUG	100	100	FGL	

Appendix G
Laboratory Environmental 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	2021/22-1	Wet	10/25/2021 9:45:00 AM	10/26/2021 11:49:00 AM	Total Coliform	n/a	=	920800	MPN/100 mL	MMO-MUG	1000	1000	FGL	
MO-OXN	2021/22-1	Wet	10/25/2021 9:45:00 AM	10/25/2021 9:45:00 AM	Conductivity	n/a	=	305.3	µmhos/cm	Field Meter	-88	1	Field Crew	
MO-OXN	2021/22-1	Wet	10/25/2021 9:45:00 AM	10/28/2021 3:35:00 PM	Cyanide	Total	=	0.016	mg/L	ASTM D7511	0.0012	0.002	WKL	
MO-OXN	2021/22-1	Wet	10/25/2021 9:45:00 AM	10/25/2021 9:45:00 AM	DO	n/a	=	46.2	%	Field Meter	-88	0.1	Field Crew	
MO-OXN	2021/22-1	Wet	10/25/2021 9:45:00 AM	10/25/2021 9:45:00 AM	DO	n/a	=	4.85	mg/L	Field Meter	-88	0.3	Field Crew	
MO-OXN	2021/22-1	Wet	10/25/2021 9:45:00 AM	10/25/2021 9:45:00 AM	pH	n/a	=	7.17	pH Units	Field Meter	-88	0.01	Field Crew	
MO-OXN	2021/22-1	Wet	10/25/2021 9:45:00 AM	10/25/2021 9:45:00 AM	Salinity	n/a	=	200	mg/L	Field Meter	-88	100	Field Crew	
MO-OXN	2021/22-1	Wet	10/25/2021 9:45:00 AM	10/25/2021 9:45:00 AM	Specific Conductance	n/a	=	305.3	µmhos/cm	Field Meter	-88	1	Field Crew	
MO-OXN	2021/22-1	Wet	10/25/2021 9:45:00 AM	10/25/2021 9:45:00 AM	Temperature	n/a	=	17.5	°C	Field Meter	-88	0.1	Field Crew	
MO-OXN	2021/22-1	Wet	10/25/2021 9:45:00 AM	10/29/2021 3:28:00 PM	Gasoline Range Organics	n/a	DNQ	0.065	mg/L	EPA 8260B	0.065	0.1	WKL	
MO-OXN	2021/22-1	Wet	10/25/2021 9:45:00 AM	11/11/2021 9:26:00 AM	Oil and Grease	n/a	<	1.3	mg/L	EPA 1664B	1.3	5	WKL	
MO-OXN	2021/22-1	Wet	10/25/2021 9:45:00 AM	10/29/2021 3:37:00 PM	2-Chloroethyl vinyl ether	n/a	<	0.19	µg/L	EPA 624.1	0.19	1	WKL	
MO-OXN	2021/22-1	Wet	10/25/2021 9:45:00 AM	10/29/2021 3:37:00 PM	Methyl tert-butyl ether (MTBE)	n/a	<	0.4	µg/L	EPA 624.1	0.4	1	WKL	
MO-OXN	2021/22-1	Wet	10/26/2021 9:03:00 AM	11/13/2021 8:50:00 AM	Chloride	n/a	=	14	mg/L	EPA 300.0	0.38	1	WKL	
MO-OXN	2021/22-1	Wet	10/26/2021 9:03:00 AM	11/13/2021 8:50:00 AM	Fluoride	n/a	DNQ	0.17	mg/L	EPA 300.0	0.018	0.2	WKL	
MO-OXN	2021/22-1	Wet	10/26/2021 9:03:00 AM	10/31/2021 3:04:00 AM	Perchlorate	n/a	<	2	µg/L	EPA 314.0	2	10	WKL	
MO-OXN	2021/22-1	Wet	10/26/2021 9:03:00 AM	11/17/2021 8:15:00 PM	Calcium	Total	=	17.4	mg/L	EPA 200.7	0.16	0.5	WKL	
MO-OXN	2021/22-1	Wet	10/26/2021 9:03:00 AM	11/17/2021 8:15:00 PM	Magnesium	Total	=	4.62	mg/L	EPA 200.7	0.039	0.5	WKL	
MO-OXN	2021/22-1	Wet	10/26/2021 9:03:00 AM	10/29/2021 6:52:00 PM	Alkalinity as CaCO3	n/a	=	32	mg/L	SM 2320 B	2.3	5	WKL	
MO-OXN	2021/22-1	Wet	10/26/2021 9:03:00 AM	11/1/2021 6:16:00 PM	BOD	n/a	=	17	mg/L	SM 5210 B	2	2	WKL	
MO-OXN	2021/22-1	Wet	10/26/2021 9:03:00 AM	11/10/2021 11:24:00 AM	COD	n/a	=	130	mg/L	EPA 410.4	2.9	5	WKL	
MO-OXN	2021/22-1	Wet	10/26/2021 9:03:00 AM	11/17/2021 8:15:00 PM	Hardness as CaCO3	Total	=	62.3	mg/L	EPA 200.7	0.56	3.31	WKL	
MO-OXN	2021/22-1	Wet	10/26/2021 9:03:00 AM	10/27/2021 7:20:00 PM	MBAS	n/a	=	0.28	mg/L	SM 5540 C	0.013	0.05	WKL	
MO-OXN	2021/22-1	Wet	10/26/2021 9:03:00 AM	11/9/2021 12:02:00 PM	Phenolics	n/a	=	0.053	mg/L	EPA 420.4	0.0042	0.01	WKL	
MO-OXN	2021/22-1	Wet	10/26/2021 9:03:00 AM	10/30/2021 12:14:00 PM	Specific Conductance	n/a	=	180	µmhos/cm	SM 2510 B	1.1	2	WKL	
MO-OXN	2021/22-1	Wet	10/26/2021 9:03:00 AM	10/31/2021 1:00:00 PM	Total Dissolved Solids	n/a	=	130	mg/L	SM 2540 C	4	10	WKL	
MO-OXN	2021/22-1	Wet	10/26/2021 9:03:00 AM	11/5/2021 2:54:00 PM	Total Organic Carbon	n/a	=	19	mg/L	SM 5310 B	0.19	0.3	WKL	
MO-OXN	2021/22-1	Wet	10/26/2021 9:03:00 AM	10/28/2021 7:27:00 PM	Total Suspended Solids	n/a	=	280	mg/L	SM 2540 D	-88	5	WKL	
MO-OXN	2021/22-1	Wet	10/26/2021 9:03:00 AM	10/26/2021 5:20:00 PM	Turbidity	n/a	=	73	NTU	EPA 180.1	0.17	1	WKL	
MO-OXN	2021/22-1	Wet	10/26/2021 9:03:00 AM	10/28/2021 7:07:00 PM	Volatile Suspended Solids	n/a	=	83	mg/L	EPA 160.4	3.1	5	WKL	
MO-OXN	2021/22-1	Wet	10/26/2021 9:03:00 AM	11/19/2021 9:10:00 AM	Diesel Range Organics	n/a	=	1	mg/L	EPA 8015B	0.14	0.2	WKL	EST-LCSRPD
MO-OXN	2021/22-1	Wet	10/26/2021 9:03:00 AM	11/19/2021 9:10:00 AM	Oil Range Organics	n/a	DNQ	0.72	mg/L	EPA 8015B	0.66	1	WKL	
MO-OXN	2021/22-1	Wet	10/26/2021 9:03:00 AM	11/12/2021 7:10:00 PM	Aluminum	Dissolved	=	37	µg/L	EPA 200.8	4.4	20	WKL	
MO-OXN	2021/22-1	Wet	10/26/2021 9:03:00 AM	11/12/2021 7:12:00 PM	Aluminum	Total	=	3600	µg/L	EPA 200.8	4.4	20	WKL	HB-MSR
MO-OXN	2021/22-1	Wet	10/26/2021 9:03:00 AM	11/12/2021 7:10:00 PM	Antimony	Dissolved	=	1.2	µg/L	EPA 200.8	0.089	0.5	WKL	
MO-OXN	2021/22-1	Wet	10/26/2021 9:03:00 AM	11/12/2021 7:12:00 PM	Antimony	Total	=	3.6	µg/L	EPA 200.8	0.089	0.5	WKL	
MO-OXN	2021/22-1	Wet	10/26/2021 9:03:00 AM	11/12/2021 7:10:00 PM	Arsenic	Dissolved	=	0.92	µg/L	EPA 200.8	0.074	0.4	WKL	
MO-OXN	2021/22-1	Wet	10/26/2021 9:03:00 AM	11/12/2021 7:12:00 PM	Arsenic	Total	=	2.4	µg/L	EPA 200.8	0.074	0.4	WKL	
MO-OXN	2021/22-1	Wet	10/26/2021 9:03:00 AM	11/12/2021 7:12:00 PM	Barium	Total	=	88	µg/L	EPA 200.8	0.14	1	WKL	
MO-OXN	2021/22-1	Wet	10/26/2021 9:03:00 AM	11/12/2021 7:10:00 PM	Beryllium	Dissolved	<	0.062	µg/L	EPA 200.8	0.062	0.1	WKL	
MO-OXN	2021/22-1	Wet	10/26/2021 9:03:00 AM	11/12/2021 7:12:00 PM	Beryllium	Total	=	0.16	µg/L	EPA 200.8	0.062	0.1	WKL	
MO-OXN	2021/22-1	Wet	10/26/2021 9:03:00 AM	11/12/2021 7:10:00 PM	Cadmium	Dissolved	DNQ	0.062	µg/L	EPA 200.8	0.042	0.2	WKL	
MO-OXN	2021/22-1	Wet	10/26/2021 9:03:00 AM	11/12/2021 7:12:00 PM	Cadmium	Total	=	0.5	µg/L	EPA 200.8	0.042	0.2	WKL	
MO-OXN	2021/22-1	Wet	10/26/2021 9:03:00 AM	11/12/2021 7:10:00 PM	Chromium	Dissolved	=	1.6	µg/L	EPA 200.8	0.089	0.2	WKL	
MO-OXN	2021/22-1	Wet	10/26/2021 9:03:00 AM	11/12/2021 7:12:00 PM	Chromium	Total	=	9.3	µg/L	EPA 200.8	0.089	0.2	WKL	
MO-OXN	2021/22-1	Wet	10/26/2021 9:03:00 AM	11/2/2021 5:32:00 PM	Chromium VI	n/a	=	0.99	µg/L	EPA 218.6	0.0079	0.02	WKL	
MO-OXN	2021/22-1	Wet	10/26/2021 9:03:00 AM	11/12/2021 7:10:00 PM	Copper	Dissolved	=	9.8	µg/L	EPA 200.8	0.23	0.5	WKL	
MO-OXN	2021/22-1	Wet	10/26/2021 9:03:00 AM	11/12/2021 7:12:00 PM	Copper	Total	=	46	µg/L	EPA 200.8	0.23	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	2021/22-1	Wet	10/26/2021 9:03:00 AM	11/12/2021 7:10:00 PM	Iron	Dissolved	=	99	µg/L	EPA 200.8	3.9	20	WKL	
MO-OXN	2021/22-1	Wet	10/26/2021 9:03:00 AM	11/12/2021 7:12:00 PM	Iron	Total	=	5500	µg/L	EPA 200.8	3.9	20	WKL	
MO-OXN	2021/22-1	Wet	10/26/2021 9:03:00 AM	11/12/2021 7:10:00 PM	Lead	Dissolved	=	0.59	µg/L	EPA 200.8	0.083	0.2	WKL	UL-MB
MO-OXN	2021/22-1	Wet	10/26/2021 9:03:00 AM	11/12/2021 7:12:00 PM	Lead	Total	=	14	µg/L	EPA 200.8	0.083	0.2	WKL	
MO-OXN	2021/22-1	Wet	10/26/2021 9:03:00 AM	11/5/2021 4:45:00 PM	Mercury	Dissolved	DNQ	25	ng/L	EPA 245.1	17	50	WKL	UL-MB
MO-OXN	2021/22-1	Wet	10/26/2021 9:03:00 AM	11/5/2021 4:47:00 PM	Mercury	Total	=	50	ng/L	EPA 245.1	17	50	WKL	UL-MB
MO-OXN	2021/22-1	Wet	10/26/2021 9:03:00 AM	11/12/2021 7:10:00 PM	Nickel	Dissolved	=	3.9	µg/L	EPA 200.8	0.16	2	WKL	
MO-OXN	2021/22-1	Wet	10/26/2021 9:03:00 AM	11/12/2021 7:12:00 PM	Nickel	Total	=	12	µg/L	EPA 200.8	0.16	2	WKL	
MO-OXN	2021/22-1	Wet	10/26/2021 9:03:00 AM	11/12/2021 7:10:00 PM	Selenium	Dissolved	DNQ	0.37	µg/L	EPA 200.8	0.067	0.4	WKL	
MO-OXN	2021/22-1	Wet	10/26/2021 9:03:00 AM	11/12/2021 7:12:00 PM	Selenium	Total	=	0.6	µg/L	EPA 200.8	0.067	0.4	WKL	
MO-OXN	2021/22-1	Wet	10/26/2021 9:03:00 AM	11/12/2021 7:10:00 PM	Silver	Dissolved	<	0.03	µg/L	EPA 200.8	0.03	0.2	WKL	
MO-OXN	2021/22-1	Wet	10/26/2021 9:03:00 AM	11/12/2021 7:12:00 PM	Silver	Total	DNQ	0.059	µg/L	EPA 200.8	0.03	0.2	WKL	
MO-OXN	2021/22-1	Wet	10/26/2021 9:03:00 AM	11/12/2021 7:10:00 PM	Thallium	Dissolved	<	0.021	µg/L	EPA 200.8	0.021	0.2	WKL	
MO-OXN	2021/22-1	Wet	10/26/2021 9:03:00 AM	11/12/2021 7:12:00 PM	Thallium	Total	DNQ	0.056	µg/L	EPA 200.8	0.021	0.2	WKL	
MO-OXN	2021/22-1	Wet	10/26/2021 9:03:00 AM	11/12/2021 7:10:00 PM	Zinc	Dissolved	=	68	µg/L	EPA 200.8	0.8	10	WKL	
MO-OXN	2021/22-1	Wet	10/26/2021 9:03:00 AM	11/12/2021 7:12:00 PM	Zinc	Total	=	320	µg/L	EPA 200.8	0.8	10	WKL	
MO-OXN	2021/22-1	Wet	10/26/2021 9:03:00 AM	10/27/2021 4:59:00 PM	Ammonia as N	n/a	=	0.53	mg/L	EPA 350.1	0.047	0.1	WKL	
MO-OXN	2021/22-1	Wet	10/26/2021 9:03:00 AM	10/28/2021 4:58:00 PM	Nitrate + Nitrite as N	n/a	=	0.66	mg/L	EPA 353.2	0.036	0.2	WKL	
MO-OXN	2021/22-1	Wet	10/26/2021 9:03:00 AM	11/17/2021 8:12:00 PM	Phosphorus as P	Dissolved	=	0.36	mg/L	EPA 200.7	0.018	0.05	WKL	
MO-OXN	2021/22-1	Wet	10/26/2021 9:03:00 AM	11/17/2021 8:15:00 PM	Phosphorus as P	Total	=	0.79	mg/L	EPA 200.7	0.018	0.05	WKL	
MO-OXN	2021/22-1	Wet	10/26/2021 9:03:00 AM	11/9/2021 4:11:00 PM	TKN	n/a	=	4.2	mg/L	EPA 351.2	0.26	0.4	WKL	
MO-OXN	2021/22-1	Wet	10/26/2021 9:03:00 AM	11/23/2021 1:00:00 AM	1,2,4-Trichlorobenzene	n/a	<	0.98	µg/L	EPA 625.1	0.98	2	WKL	
MO-OXN	2021/22-1	Wet	10/26/2021 9:03:00 AM	11/23/2021 1:00:00 AM	1,2-Dichlorobenzene	n/a	<	0.92	µg/L	EPA 625.1	0.92	2	WKL	
MO-OXN	2021/22-1	Wet	10/26/2021 9:03:00 AM	11/23/2021 1:00:00 AM	1,2-Diphenylhydrazine	n/a	<	0.6	µg/L	EPA 625.1	0.6	2	WKL	
MO-OXN	2021/22-1	Wet	10/26/2021 9:03:00 AM	11/23/2021 1:00:00 AM	1,3-Dichlorobenzene	n/a	<	0.84	µg/L	EPA 625.1	0.84	2	WKL	
MO-OXN	2021/22-1	Wet	10/26/2021 9:03:00 AM	11/23/2021 1:00:00 AM	1,4-Dichlorobenzene	n/a	<	0.96	µg/L	EPA 625.1	0.96	2	WKL	
MO-OXN	2021/22-1	Wet	10/26/2021 9:03:00 AM	11/17/2021 12:59:00 PM	1-Methylnaphthalene	n/a	<	0.048	µg/L	EPA 8270C	0.048	0.2	WKL	
MO-OXN	2021/22-1	Wet	10/26/2021 9:03:00 AM	11/20/2021 1:26:00 AM	2,4,5-Trichlorophenol	n/a	<	0.58	µg/L	EPA 8270C	0.58	2	WKL	
MO-OXN	2021/22-1	Wet	10/26/2021 9:03:00 AM	11/23/2021 1:00:00 AM	2,4,6-Trichlorophenol	n/a	<	0.44	µg/L	EPA 625.1	0.44	2	WKL	
MO-OXN	2021/22-1	Wet	10/26/2021 9:03:00 AM	11/20/2021 1:26:00 AM	2,4,6-Trichlorophenol	n/a	<	0.6	µg/L	EPA 8270C	0.6	2	WKL	
MO-OXN	2021/22-1	Wet	10/26/2021 9:03:00 AM	11/23/2021 1:00:00 AM	2,4-Dichlorophenol	n/a	<	0.52	µg/L	EPA 625.1	0.52	2	WKL	
MO-OXN	2021/22-1	Wet	10/26/2021 9:03:00 AM	11/20/2021 1:26:00 AM	2,4-Dichlorophenol	n/a	<	1	µg/L	EPA 8270C	1	2	WKL	
MO-OXN	2021/22-1	Wet	10/26/2021 9:03:00 AM	11/23/2021 1:00:00 AM	2,4-Dimethylphenol	n/a	<	1.5	µg/L	EPA 625.1	1.5	2	WKL	
MO-OXN	2021/22-1	Wet	10/26/2021 9:03:00 AM	11/20/2021 1:26:00 AM	2,4-Dimethylphenol	n/a	<	2	µg/L	EPA 8270C	2	4	WKL	
MO-OXN	2021/22-1	Wet	10/26/2021 9:03:00 AM	11/23/2021 1:00:00 AM	2,4-Dinitrophenol	n/a	<	3.7	µg/L	EPA 625.1	3.7	20	WKL	
MO-OXN	2021/22-1	Wet	10/26/2021 9:03:00 AM	11/20/2021 1:26:00 AM	2,4-Dinitrophenol	n/a	<	2	µg/L	EPA 8270C	2	4	WKL	
MO-OXN	2021/22-1	Wet	10/26/2021 9:03:00 AM	11/23/2021 1:00:00 AM	2,4-Dinitrotoluene	n/a	<	0.92	µg/L	EPA 625.1	0.92	2	WKL	
MO-OXN	2021/22-1	Wet	10/26/2021 9:03:00 AM	11/23/2021 1:00:00 AM	2,6-Dinitrotoluene	n/a	<	0.54	µg/L	EPA 625.1	0.54	2	WKL	
MO-OXN	2021/22-1	Wet	10/26/2021 9:03:00 AM	11/23/2021 1:00:00 AM	2-Chloronaphthalene	n/a	<	0.9	µg/L	EPA 625.1	0.9	2	WKL	
MO-OXN	2021/22-1	Wet	10/26/2021 9:03:00 AM	11/23/2021 1:00:00 AM	2-Chlorophenol	n/a	<	0.56	µg/L	EPA 625.1	0.56	2	WKL	
MO-OXN	2021/22-1	Wet	10/26/2021 9:03:00 AM	11/20/2021 1:26:00 AM	2-Chlorophenol	n/a	<	1.3	µg/L	EPA 8270C	1.3	2	WKL	
MO-OXN	2021/22-1	Wet	10/26/2021 9:03:00 AM	11/17/2021 12:59:00 PM	2-Methylnaphthalene	n/a	<	0.052	µg/L	EPA 8270C	0.052	0.2	WKL	
MO-OXN	2021/22-1	Wet	10/26/2021 9:03:00 AM	11/20/2021 1:26:00 AM	2-Methylphenol	n/a	<	0.68	µg/L	EPA 8270C	0.68	2	WKL	
MO-OXN	2021/22-1	Wet	10/26/2021 9:03:00 AM	11/23/2021 1:00:00 AM	2-Nitrophenol	n/a	<	0.52	µg/L	EPA 625.1	0.52	2	WKL	
MO-OXN	2021/22-1	Wet	10/26/2021 9:03:00 AM	11/20/2021 1:26:00 AM	2-Nitrophenol	n/a	<	1.4	µg/L	EPA 8270C	1.4	2	WKL	
MO-OXN	2021/22-1	Wet	10/26/2021 9:03:00 AM	11/23/2021 1:00:00 AM	3,3'-Dichlorobenzidine	n/a	<	5	µg/L	EPA 625.1	5	10	WKL	
MO-OXN	2021/22-1	Wet	10/26/2021 9:03:00 AM	11/20/2021 1:26:00 AM	3-/4-Methylphenol	n/a	<	0.6	µg/L	EPA 8270C	0.6	2	WKL	
MO-OXN	2021/22-1	Wet	10/26/2021 9:03:00 AM	11/20/2021 1:26:00 AM	4,6-Dinitro-2-methylphenol	n/a	<	0.28	µg/L	EPA 8270C	0.28	2	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-OXN	2021/22-1	Wet	10/26/2021 9:03:00 AM	11/23/2021 1:00:00 AM	4,6-Dinitro-2-methylphenol	n/a	<	1	µg/L	EPA 625.1	1	10	WKL	
MO-OXN	2021/22-1	Wet	10/26/2021 9:03:00 AM	11/23/2021 1:00:00 AM	4-Bromophenyl phenyl ether	n/a	<	0.72	µg/L	EPA 625.1	0.72	2	WKL	
MO-OXN	2021/22-1	Wet	10/26/2021 9:03:00 AM	11/20/2021 1:26:00 AM	4-Chloro-3-methylphenol	n/a	<	0.74	µg/L	EPA 8270C	0.74	2	WKL	
MO-OXN	2021/22-1	Wet	10/26/2021 9:03:00 AM	11/23/2021 1:00:00 AM	4-Chloro-3-methylphenol	n/a	<	0.46	µg/L	EPA 625.1	0.46	2	WKL	
MO-OXN	2021/22-1	Wet	10/26/2021 9:03:00 AM	11/23/2021 1:00:00 AM	4-Chlorophenyl phenyl ether	n/a	<	0.82	µg/L	EPA 625.1	0.82	2	WKL	
MO-OXN	2021/22-1	Wet	10/26/2021 9:03:00 AM	11/23/2021 1:00:00 AM	4-Nitrophenol	n/a	<	2.5	µg/L	EPA 625.1	2.5	10	WKL	
MO-OXN	2021/22-1	Wet	10/26/2021 9:03:00 AM	11/20/2021 1:26:00 AM	4-Nitrophenol	n/a	<	2	µg/L	EPA 8270C	2	4	WKL	
MO-OXN	2021/22-1	Wet	10/26/2021 9:03:00 AM	11/23/2021 1:00:00 AM	Acenaphthene	n/a	<	0.76	µg/L	EPA 625.1	0.76	2	WKL	
MO-OXN	2021/22-1	Wet	10/26/2021 9:03:00 AM	11/17/2021 12:59:00 PM	Acenaphthene	n/a	<	0.056	µg/L	EPA 8270C	0.056	0.2	WKL	
MO-OXN	2021/22-1	Wet	10/26/2021 9:03:00 AM	11/23/2021 1:00:00 AM	Acenaphthylene	n/a	<	0.7	µg/L	EPA 625.1	0.7	2	WKL	
MO-OXN	2021/22-1	Wet	10/26/2021 9:03:00 AM	11/17/2021 12:59:00 PM	Acenaphthylene	n/a	<	0.066	µg/L	EPA 8270C	0.066	0.2	WKL	
MO-OXN	2021/22-1	Wet	10/26/2021 9:03:00 AM	11/23/2021 1:00:00 AM	Anthracene	n/a	<	0.82	µg/L	EPA 625.1	0.82	2	WKL	
MO-OXN	2021/22-1	Wet	10/26/2021 9:03:00 AM	11/17/2021 12:59:00 PM	Anthracene	n/a	<	0.05	µg/L	EPA 8270C	0.05	0.2	WKL	
MO-OXN	2021/22-1	Wet	10/26/2021 9:03:00 AM	11/23/2021 1:00:00 AM	Benz(a)anthracene	n/a	<	0.38	µg/L	EPA 625.1	0.38	2	WKL	
MO-OXN	2021/22-1	Wet	10/26/2021 9:03:00 AM	11/17/2021 12:59:00 PM	Benz(a)anthracene	n/a	DNQ	0.1	µg/L	EPA 8270C	0.1	0.2	WKL	
MO-OXN	2021/22-1	Wet	10/26/2021 9:03:00 AM	11/23/2021 1:00:00 AM	Benzdine	n/a	<	6.4	µg/L	EPA 625.1	6.4	20	WKL	
MO-OXN	2021/22-1	Wet	10/26/2021 9:03:00 AM	11/16/2021 1:18:00 AM	Benzo(a)pyrene	n/a	<	0.2	µg/L	EPA 525.2	0.2	1	WKL	
MO-OXN	2021/22-1	Wet	10/26/2021 9:03:00 AM	11/23/2021 1:00:00 AM	Benzo(a)pyrene	n/a	<	0.78	µg/L	EPA 625.1	0.78	2	WKL	
MO-OXN	2021/22-1	Wet	10/26/2021 9:03:00 AM	11/17/2021 12:59:00 PM	Benzo(a)pyrene	n/a	DNQ	0.11	µg/L	EPA 8270C	0.1	0.2	WKL	
MO-OXN	2021/22-1	Wet	10/26/2021 9:03:00 AM	11/23/2021 1:00:00 AM	Benzo(b)fluoranthene	n/a	<	0.92	µg/L	EPA 625.1	0.92	2	WKL	
MO-OXN	2021/22-1	Wet	10/26/2021 9:03:00 AM	11/17/2021 12:59:00 PM	Benzo(b)fluoranthene	n/a	DNQ	0.15	µg/L	EPA 8270C	0.15	0.2	WKL	
MO-OXN	2021/22-1	Wet	10/26/2021 9:03:00 AM	11/23/2021 1:00:00 AM	Benzo(g,h,i)perylene	n/a	<	0.84	µg/L	EPA 625.1	0.84	4	WKL	
MO-OXN	2021/22-1	Wet	10/26/2021 9:03:00 AM	11/17/2021 12:59:00 PM	Benzo(g,h,i)perylene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.2	WKL	
MO-OXN	2021/22-1	Wet	10/26/2021 9:03:00 AM	11/23/2021 1:00:00 AM	Benzo(k)fluoranthene	n/a	<	0.44	µg/L	EPA 625.1	0.44	2	WKL	
MO-OXN	2021/22-1	Wet	10/26/2021 9:03:00 AM	11/17/2021 12:59:00 PM	Benzo(k)fluoranthene	n/a	DNQ	0.068	µg/L	EPA 8270C	0.052	0.2	WKL	
MO-OXN	2021/22-1	Wet	10/26/2021 9:03:00 AM	11/23/2021 1:00:00 AM	Bis(2-chloroethoxy)methane	n/a	<	0.5	µg/L	EPA 625.1	0.5	2	WKL	
MO-OXN	2021/22-1	Wet	10/26/2021 9:03:00 AM	11/23/2021 1:00:00 AM	Bis(2-chloroethyl)ether	n/a	<	0.54	µg/L	EPA 625.1	0.54	2	WKL	
MO-OXN	2021/22-1	Wet	10/26/2021 9:03:00 AM	11/23/2021 1:00:00 AM	Bis(2-chloroisopropyl)ether	n/a	<	0.76	µg/L	EPA 625.1	0.76	2	WKL	
MO-OXN	2021/22-1	Wet	10/26/2021 9:03:00 AM	11/16/2021 1:18:00 AM	Bis(2-ethylhexyl)adipate	n/a	<	4.2	µg/L	EPA 525.2	4.2	50	WKL	
MO-OXN	2021/22-1	Wet	10/26/2021 9:03:00 AM	11/16/2021 1:18:00 AM	Bis(2-ethylhexyl)phthalate	n/a	DNQ	4.5	µg/L	EPA 525.2	4.1	30	WKL	HB-LCSR
MO-OXN	2021/22-1	Wet	10/26/2021 9:03:00 AM	11/23/2021 1:00:00 AM	Bis(2-ethylhexyl)phthalate	n/a	<	4.6	µg/L	EPA 625.1	4.6	10	WKL	
MO-OXN	2021/22-1	Wet	10/26/2021 9:03:00 AM	11/23/2021 1:00:00 AM	Butyl benzyl phthalate	n/a	DNQ	1.1	µg/L	EPA 625.1	0.98	2	WKL	
MO-OXN	2021/22-1	Wet	10/26/2021 9:03:00 AM	11/17/2021 12:59:00 PM	Chrysene	n/a	<	0.15	µg/L	EPA 8270C	0.15	0.2	WKL	
MO-OXN	2021/22-1	Wet	10/26/2021 9:03:00 AM	11/23/2021 1:00:00 AM	Chrysene	n/a	<	0.38	µg/L	EPA 625.1	0.38	2	WKL	
MO-OXN	2021/22-1	Wet	10/26/2021 9:03:00 AM	11/23/2021 1:00:00 AM	Dibenz(a,h)anthracene	n/a	<	0.3	µg/L	EPA 625.1	0.3	4	WKL	
MO-OXN	2021/22-1	Wet	10/26/2021 9:03:00 AM	11/17/2021 12:59:00 PM	Dibenz(a,h)anthracene	n/a	DNQ	0.079	µg/L	EPA 8270C	0.072	0.2	WKL	
MO-OXN	2021/22-1	Wet	10/26/2021 9:03:00 AM	11/23/2021 1:00:00 AM	Diethyl phthalate	n/a	<	0.7	µg/L	EPA 625.1	0.7	2	WKL	
MO-OXN	2021/22-1	Wet	10/26/2021 9:03:00 AM	11/23/2021 1:00:00 AM	Dimethyl phthalate	n/a	<	0.36	µg/L	EPA 625.1	0.36	2	WKL	
MO-OXN	2021/22-1	Wet	10/26/2021 9:03:00 AM	11/23/2021 1:00:00 AM	Di-n-butylphthalate	n/a	DNQ	0.68	µg/L	EPA 625.1	0.68	2	WKL	
MO-OXN	2021/22-1	Wet	10/26/2021 9:03:00 AM	11/23/2021 1:00:00 AM	Di-n-octylphthalate	n/a	<	0.92	µg/L	EPA 625.1	0.92	2	WKL	
MO-OXN	2021/22-1	Wet	10/26/2021 9:03:00 AM	11/23/2021 1:00:00 AM	Fluoranthene	n/a	<	0.69	µg/L	EPA 625.1	0.69	2	WKL	
MO-OXN	2021/22-1	Wet	10/26/2021 9:03:00 AM	11/17/2021 12:59:00 PM	Fluoranthene	n/a	DNQ	0.11	µg/L	EPA 8270C	0.078	0.2	WKL	
MO-OXN	2021/22-1	Wet	10/26/2021 9:03:00 AM	11/17/2021 12:59:00 PM	Fluorene	n/a	<	0.058	µg/L	EPA 8270C	0.058	0.2	WKL	
MO-OXN	2021/22-1	Wet	10/26/2021 9:03:00 AM	11/23/2021 1:00:00 AM	Fluorene	n/a	<	0.7	µg/L	EPA 625.1	0.7	2	WKL	
MO-OXN	2021/22-1	Wet	10/26/2021 9:03:00 AM	11/23/2021 1:00:00 AM	Hexachlorobenzene	n/a	<	0.98	µg/L	EPA 625.1	0.98	2	WKL	
MO-OXN	2021/22-1	Wet	10/26/2021 9:03:00 AM	11/23/2021 1:00:00 AM	Hexachlorobutadiene	n/a	<	0.94	µg/L	EPA 625.1	0.94	2	WKL	
MO-OXN	2021/22-1	Wet	10/26/2021 9:03:00 AM	11/16/2021 1:18:00 AM	Hexachlorocyclopentadiene	n/a	<	0.92	µg/L	EPA 525.2	0.92	10	WKL	
MO-OXN	2021/22-1	Wet	10/26/2021 9:03:00 AM	11/23/2021 1:00:00 AM	Hexachlorocyclopentadiene	n/a	<	0.62	µg/L	EPA 625.1	0.62	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	2021/22-1	Wet	10/26/2021 9:03:00 AM	11/23/2021 1:00:00 AM	Hexachloroethane	n/a	<	1	µg/L	EPA 625.1	1	2	WKL	
MO-OXN	2021/22-1	Wet	10/26/2021 9:03:00 AM	11/23/2021 1:00:00 AM	Indeno(1,2,3-cd)pyrene	n/a	DNQ	1.1	µg/L	EPA 625.1	0.49	4	WKL	
MO-OXN	2021/22-1	Wet	10/26/2021 9:03:00 AM	11/17/2021 12:59:00 PM	Indeno(1,2,3-cd)pyrene	n/a	DNQ	0.14	µg/L	EPA 8270C	0.13	0.2	WKL	
MO-OXN	2021/22-1	Wet	10/26/2021 9:03:00 AM	11/23/2021 1:00:00 AM	Isophorone	n/a	<	0.42	µg/L	EPA 625.1	0.42	2	WKL	
MO-OXN	2021/22-1	Wet	10/26/2021 9:03:00 AM	11/23/2021 1:00:00 AM	Naphthalene	n/a	<	0.98	µg/L	EPA 625.1	0.98	2	WKL	
MO-OXN	2021/22-1	Wet	10/26/2021 9:03:00 AM	11/17/2021 12:59:00 PM	Naphthalene	n/a	<	0.052	µg/L	EPA 8270C	0.052	0.2	WKL	
MO-OXN	2021/22-1	Wet	10/26/2021 9:03:00 AM	11/23/2021 1:00:00 AM	Nitrobenzene	n/a	<	0.72	µg/L	EPA 625.1	0.72	2	WKL	
MO-OXN	2021/22-1	Wet	10/26/2021 9:03:00 AM	11/23/2021 1:00:00 AM	N-Nitrosodimethylamine	n/a	<	1	µg/L	EPA 625.1	1	2	WKL	
MO-OXN	2021/22-1	Wet	10/26/2021 9:03:00 AM	11/23/2021 1:00:00 AM	N-Nitrosodi-N-propylamine	n/a	<	0.52	µg/L	EPA 625.1	0.52	2	WKL	
MO-OXN	2021/22-1	Wet	10/26/2021 9:03:00 AM	11/23/2021 1:00:00 AM	N-Nitrosodiphenylamine	n/a	<	0.38	µg/L	EPA 625.1	0.38	2	WKL	
MO-OXN	2021/22-1	Wet	10/26/2021 9:03:00 AM	11/17/2021 12:59:00 PM	Phenanthrene	n/a	<	0.058	µg/L	EPA 8270C	0.058	0.2	WKL	
MO-OXN	2021/22-1	Wet	10/26/2021 9:03:00 AM	11/23/2021 1:00:00 AM	Phenanthrene	n/a	<	0.64	µg/L	EPA 625.1	0.64	2	WKL	
MO-OXN	2021/22-1	Wet	10/26/2021 9:03:00 AM	11/23/2021 1:00:00 AM	Phenol	n/a	<	1.6	µg/L	EPA 625.1	1.6	2	WKL	
MO-OXN	2021/22-1	Wet	10/26/2021 9:03:00 AM	11/20/2021 1:26:00 AM	Phenol	n/a	<	0.7	µg/L	EPA 8270C	0.7	2	WKL	
MO-OXN	2021/22-1	Wet	10/26/2021 9:03:00 AM	11/23/2021 1:00:00 AM	Pyrene	n/a	<	0.5	µg/L	EPA 625.1	0.5	2	WKL	
MO-OXN	2021/22-1	Wet	10/26/2021 9:03:00 AM	11/17/2021 12:59:00 PM	Pyrene	n/a	DNQ	0.13	µg/L	EPA 8270C	0.08	0.2	WKL	
MO-OXN	2021/22-1	Wet	10/26/2021 9:03:00 AM	12/11/2021 12:22:00 AM	PCB Aroclor 1016	n/a	<	5	µg/L	EPA 608.3	5	5	WKL	
MO-OXN	2021/22-1	Wet	10/26/2021 9:03:00 AM	12/11/2021 12:22:00 AM	PCB Aroclor 1221	n/a	<	5	µg/L	EPA 608.3	5	5	WKL	
MO-OXN	2021/22-1	Wet	10/26/2021 9:03:00 AM	12/11/2021 12:22:00 AM	PCB Aroclor 1232	n/a	<	5	µg/L	EPA 608.3	5	5	WKL	
MO-OXN	2021/22-1	Wet	10/26/2021 9:03:00 AM	12/11/2021 12:22:00 AM	PCB Aroclor 1242	n/a	<	5	µg/L	EPA 608.3	5	5	WKL	
MO-OXN	2021/22-1	Wet	10/26/2021 9:03:00 AM	12/11/2021 12:22:00 AM	PCB Aroclor 1248	n/a	<	5	µg/L	EPA 608.3	5	5	WKL	
MO-OXN	2021/22-1	Wet	10/26/2021 9:03:00 AM	12/11/2021 12:22:00 AM	PCB Aroclor 1254	n/a	<	5	µg/L	EPA 608.3	5	5	WKL	
MO-OXN	2021/22-1	Wet	10/26/2021 9:03:00 AM	12/11/2021 12:22:00 AM	PCB Aroclor 1260	n/a	<	5	µg/L	EPA 608.3	5	5	WKL	
MO-OXN	2021/22-1	Wet	10/26/2021 9:03:00 AM	11/8/2021 4:20:00 AM	2,4,5-T	n/a	<	0.03	µg/L	EPA 515.4	0.03	0.2	WKL	
MO-OXN	2021/22-1	Wet	10/26/2021 9:03:00 AM	11/8/2021 4:20:00 AM	2,4,5-TP	n/a	<	0.026	µg/L	EPA 515.4	0.026	0.2	WKL	
MO-OXN	2021/22-1	Wet	10/26/2021 9:03:00 AM	11/8/2021 4:20:00 AM	2,4-D	n/a	<	1	µg/L	EPA 515.4	1	1	WKL	
MO-OXN	2021/22-1	Wet	10/26/2021 9:03:00 AM	11/8/2021 4:20:00 AM	2,4-DB	n/a	<	3	µg/L	EPA 515.4	3	3	WKL	
MO-OXN	2021/22-1	Wet	10/26/2021 9:03:00 AM	11/8/2021 4:20:00 AM	3,5-Dichlorobenzoic acid	n/a	<	0.12	µg/L	EPA 515.4	0.12	1	WKL	
MO-OXN	2021/22-1	Wet	10/26/2021 9:03:00 AM	12/11/2021 12:22:00 AM	4,4'-DDD	n/a	DNQ	0.0099	µg/L	EPA 608.3	0.0035	0.25	WKL	
MO-OXN	2021/22-1	Wet	10/26/2021 9:03:00 AM	12/11/2021 12:22:00 AM	4,4'-DDE	n/a	DNQ	0.012	µg/L	EPA 608.3	0.0035	0.25	WKL	
MO-OXN	2021/22-1	Wet	10/26/2021 9:03:00 AM	12/11/2021 12:22:00 AM	4,4'-DDT	n/a	<	0.25	µg/L	EPA 608.3	0.25	0.25	WKL	
MO-OXN	2021/22-1	Wet	10/26/2021 9:03:00 AM	11/8/2021 4:20:00 AM	Acifluorfen	n/a	<	0.4	µg/L	EPA 515.4	0.4	0.4	WKL	
MO-OXN	2021/22-1	Wet	10/26/2021 9:03:00 AM	11/16/2021 1:18:00 AM	Alachlor	n/a	<	0.3	µg/L	EPA 525.2	0.3	1	WKL	
MO-OXN	2021/22-1	Wet	10/26/2021 9:03:00 AM	12/11/2021 12:22:00 AM	Aldrin	n/a	<	0.005	µg/L	EPA 608.3	0.005	0.025	WKL	
MO-OXN	2021/22-1	Wet	10/26/2021 9:03:00 AM	12/11/2021 12:22:00 AM	alpha-BHC	n/a	<	0.0055	µg/L	EPA 608.3	0.0055	0.05	WKL	
MO-OXN	2021/22-1	Wet	10/26/2021 9:03:00 AM	11/16/2021 1:18:00 AM	Atrazine	n/a	<	0.11	µg/L	EPA 525.2	0.11	1	WKL	
MO-OXN	2021/22-1	Wet	10/26/2021 9:03:00 AM	11/6/2021 12:09:00 AM	Azinphos methyl	n/a	<	0.028	µg/L	EPA 625.1m	0.028	0.05	WKL	
MO-OXN	2021/22-1	Wet	10/26/2021 9:03:00 AM	11/8/2021 4:20:00 AM	Bentazon	n/a	<	4	µg/L	EPA 515.4	4	4	WKL	
MO-OXN	2021/22-1	Wet	10/26/2021 9:03:00 AM	12/11/2021 12:22:00 AM	beta-BHC	n/a	<	0.0075	µg/L	EPA 608.3	0.0075	0.025	WKL	
MO-OXN	2021/22-1	Wet	10/26/2021 9:03:00 AM	11/6/2021 12:09:00 AM	Bolstar	n/a	<	0.023	µg/L	EPA 625.1m	0.023	0.05	WKL	
MO-OXN	2021/22-1	Wet	10/26/2021 9:03:00 AM	11/16/2021 1:18:00 AM	Bromacil	n/a	<	0.7	µg/L	EPA 525.2	0.7	5	WKL	
MO-OXN	2021/22-1	Wet	10/26/2021 9:03:00 AM	11/16/2021 1:18:00 AM	Butachlor	n/a	<	0.12	µg/L	EPA 525.2	0.12	1	WKL	
MO-OXN	2021/22-1	Wet	10/26/2021 9:03:00 AM	11/16/2021 1:18:00 AM	Captan	n/a	<	3.2	µg/L	EPA 525.2	3.2	10	WKL	
MO-OXN	2021/22-1	Wet	10/26/2021 9:03:00 AM	12/11/2021 12:22:00 AM	Chlordane (technical)	n/a	<	0.22	µg/L	EPA 608.3	0.22	0.5	WKL	
MO-OXN	2021/22-1	Wet	10/26/2021 9:03:00 AM	11/16/2021 1:18:00 AM	Chlorpropham	n/a	<	0.4	µg/L	EPA 525.2	0.4	1	WKL	
MO-OXN	2021/22-1	Wet	10/26/2021 9:03:00 AM	11/6/2021 12:09:00 AM	Chlorpyrifos	n/a	<	0.034	µg/L	EPA 625.1m	0.034	0.05	WKL	
MO-OXN	2021/22-1	Wet	10/26/2021 9:03:00 AM	11/6/2021 12:09:00 AM	Coumaphos	n/a	<	0.026	µg/L	EPA 625.1m	0.026	0.05	WKL	
MO-OXN	2021/22-1	Wet	10/26/2021 9:03:00 AM	11/8/2021 4:20:00 AM	Dalapon	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-OXN	2021/22-1	Wet	10/26/2021 9:03:00 AM	11/8/2021 4:20:00 AM	DCPA (Dacthal)	n/a	<	0.029	µg/L	EPA 515.4	0.029	0.1	WKL	
MO-OXN	2021/22-1	Wet	10/26/2021 9:03:00 AM	12/11/2021 12:22:00 AM	delta-BHC	n/a	<	0.0095	µg/L	EPA 608.3	0.0095	0.025	WKL	
MO-OXN	2021/22-1	Wet	10/26/2021 9:03:00 AM	11/6/2021 12:09:00 AM	Demeton-O	n/a	<	0.05	µg/L	EPA 625.1m	0.05	0.05	WKL	
MO-OXN	2021/22-1	Wet	10/26/2021 9:03:00 AM	11/6/2021 12:09:00 AM	Demeton-S	n/a	<	0.05	µg/L	EPA 625.1m	0.05	0.05	WKL	
MO-OXN	2021/22-1	Wet	10/26/2021 9:03:00 AM	11/16/2021 1:18:00 AM	Diazinon	n/a	<	0.22	µg/L	EPA 525.2	0.22	1	WKL	
MO-OXN	2021/22-1	Wet	10/26/2021 9:03:00 AM	11/6/2021 12:09:00 AM	Diazinon	n/a	<	0.026	µg/L	EPA 625.1m	0.026	0.05	WKL	
MO-OXN	2021/22-1	Wet	10/26/2021 9:03:00 AM	11/8/2021 4:20:00 AM	Dicamba	n/a	<	0.049	µg/L	EPA 515.4	0.049	0.6	WKL	
MO-OXN	2021/22-1	Wet	10/26/2021 9:03:00 AM	11/8/2021 4:20:00 AM	Dichlorprop	n/a	<	0.12	µg/L	EPA 515.4	0.12	0.3	WKL	
MO-OXN	2021/22-1	Wet	10/26/2021 9:03:00 AM	11/6/2021 12:09:00 AM	Dichlorvos	n/a	<	0.014	µg/L	EPA 625.1m	0.014	0.05	WKL	
MO-OXN	2021/22-1	Wet	10/26/2021 9:03:00 AM	12/11/2021 12:22:00 AM	Dieldrin	n/a	<	0.004	µg/L	EPA 608.3	0.004	0.05	WKL	
MO-OXN	2021/22-1	Wet	10/26/2021 9:03:00 AM	11/16/2021 1:18:00 AM	Dimethoate	n/a	<	0.2	µg/L	EPA 525.2	0.2	2	WKL	
MO-OXN	2021/22-1	Wet	10/26/2021 9:03:00 AM	11/6/2021 12:09:00 AM	Dimethoate	n/a	<	0.031	µg/L	EPA 625.1m	0.031	0.05	WKL	
MO-OXN	2021/22-1	Wet	10/26/2021 9:03:00 AM	11/8/2021 4:20:00 AM	Dinoseb	n/a	<	0.4	µg/L	EPA 515.4	0.4	0.4	WKL	
MO-OXN	2021/22-1	Wet	10/26/2021 9:03:00 AM	11/16/2021 1:18:00 AM	Diphenamid	n/a	<	0.3	µg/L	EPA 525.2	0.3	1	WKL	
MO-OXN	2021/22-1	Wet	10/26/2021 9:03:00 AM	11/16/2021 1:18:00 AM	Disulfoton	n/a	<	0.15	µg/L	EPA 525.2	0.15	1	WKL	
MO-OXN	2021/22-1	Wet	10/26/2021 9:03:00 AM	11/6/2021 12:09:00 AM	Disulfoton	n/a	<	0.05	µg/L	EPA 625.1m	0.05	0.05	WKL	
MO-OXN	2021/22-1	Wet	10/26/2021 9:03:00 AM	12/11/2021 12:22:00 AM	Endosulfan I	n/a	<	0.0045	µg/L	EPA 608.3	0.0045	0.1	WKL	
MO-OXN	2021/22-1	Wet	10/26/2021 9:03:00 AM	12/11/2021 12:22:00 AM	Endosulfan II	n/a	<	0.0035	µg/L	EPA 608.3	0.0035	0.05	WKL	
MO-OXN	2021/22-1	Wet	10/26/2021 9:03:00 AM	12/11/2021 12:22:00 AM	Endosulfan sulfate	n/a	<	0.0065	µg/L	EPA 608.3	0.0065	0.25	WKL	
MO-OXN	2021/22-1	Wet	10/26/2021 9:03:00 AM	12/11/2021 12:22:00 AM	Endrin	n/a	<	0.0085	µg/L	EPA 608.3	0.0085	0.05	WKL	
MO-OXN	2021/22-1	Wet	10/26/2021 9:03:00 AM	12/11/2021 12:22:00 AM	Endrin aldehyde	n/a	<	0.0095	µg/L	EPA 608.3	0.0095	0.05	WKL	
MO-OXN	2021/22-1	Wet	10/26/2021 9:03:00 AM	11/16/2021 1:18:00 AM	EPTC	n/a	<	0.2	µg/L	EPA 525.2	0.2	1	WKL	
MO-OXN	2021/22-1	Wet	10/26/2021 9:03:00 AM	11/6/2021 12:09:00 AM	Ethoprop	n/a	<	0.034	µg/L	EPA 625.1m	0.034	0.05	WKL	
MO-OXN	2021/22-1	Wet	10/26/2021 9:03:00 AM	11/6/2021 12:09:00 AM	Ethyl parathion	n/a	<	0.027	µg/L	EPA 625.1m	0.027	0.05	WKL	
MO-OXN	2021/22-1	Wet	10/26/2021 9:03:00 AM	11/6/2021 12:09:00 AM	Fensulfthion	n/a	<	0.014	µg/L	EPA 625.1m	0.014	0.05	WKL	
MO-OXN	2021/22-1	Wet	10/26/2021 9:03:00 AM	11/6/2021 12:09:00 AM	Fenthion	n/a	<	0.019	µg/L	EPA 625.1m	0.019	0.05	WKL	
MO-OXN	2021/22-1	Wet	10/26/2021 9:03:00 AM	12/11/2021 12:22:00 AM	gamma-BHC (Lindane)	n/a	<	0.002	µg/L	EPA 608.3	0.002	0.1	WKL	
MO-OXN	2021/22-1	Wet	10/26/2021 9:03:00 AM	11/7/2021 11:53:00 PM	Glyphosate	n/a	DNQ	13	µg/L	EPA 547	2.1	25	BSKL	
MO-OXN	2021/22-1	Wet	10/26/2021 9:03:00 AM	12/11/2021 12:22:00 AM	Heptachlor	n/a	<	0.003	µg/L	EPA 608.3	0.003	0.05	WKL	
MO-OXN	2021/22-1	Wet	10/26/2021 9:03:00 AM	12/11/2021 12:22:00 AM	Heptachlor epoxide	n/a	<	0.002	µg/L	EPA 608.3	0.002	0.05	WKL	
MO-OXN	2021/22-1	Wet	10/26/2021 9:03:00 AM	11/6/2021 12:09:00 AM	Malathion	n/a	=	0.13	µg/L	EPA 625.1m	0.038	0.05	WKL	
MO-OXN	2021/22-1	Wet	10/26/2021 9:03:00 AM	11/6/2021 12:09:00 AM	Merphos	n/a	<	0.029	µg/L	EPA 625.1m	0.029	0.05	WKL	
MO-OXN	2021/22-1	Wet	10/26/2021 9:03:00 AM	11/6/2021 12:09:00 AM	Methyl parathion	n/a	<	0.032	µg/L	EPA 625.1m	0.032	0.05	WKL	
MO-OXN	2021/22-1	Wet	10/26/2021 9:03:00 AM	11/16/2021 1:18:00 AM	Metolachlor	n/a	<	0.3	µg/L	EPA 525.2	0.3	1	WKL	
MO-OXN	2021/22-1	Wet	10/26/2021 9:03:00 AM	11/16/2021 1:18:00 AM	Metribuzin	n/a	<	0.3	µg/L	EPA 525.2	0.3	1	WKL	
MO-OXN	2021/22-1	Wet	10/26/2021 9:03:00 AM	11/6/2021 12:09:00 AM	Mevinphos	n/a	<	0.021	µg/L	EPA 625.1m	0.021	0.05	WKL	
MO-OXN	2021/22-1	Wet	10/26/2021 9:03:00 AM	11/16/2021 1:18:00 AM	Molinate	n/a	<	0.3	µg/L	EPA 525.2	0.3	1	WKL	
MO-OXN	2021/22-1	Wet	10/26/2021 9:03:00 AM	11/6/2021 12:09:00 AM	Naled	n/a	<	0.038	µg/L	EPA 625.1m	0.038	0.05	WKL	
MO-OXN	2021/22-1	Wet	10/26/2021 9:03:00 AM	11/20/2021 1:26:00 AM	Pentachlorophenol	n/a	DNQ	1.2	µg/L	EPA 8270C	0.3	2	WKL	EST-LCSRPD
MO-OXN	2021/22-1	Wet	10/26/2021 9:03:00 AM	11/8/2021 4:20:00 AM	Pentachlorophenol	n/a	=	0.26	µg/L	EPA 515.4	0.046	0.2	WKL	
MO-OXN	2021/22-1	Wet	10/26/2021 9:03:00 AM	11/23/2021 1:00:00 AM	Pentachlorophenol	n/a	DNQ	1.2	µg/L	EPA 625.1	0.8	2	WKL	
MO-OXN	2021/22-1	Wet	10/26/2021 9:03:00 AM	11/6/2021 12:09:00 AM	Phorate	n/a	<	0.015	µg/L	EPA 625.1m	0.015	0.05	WKL	
MO-OXN	2021/22-1	Wet	10/26/2021 9:03:00 AM	11/8/2021 4:20:00 AM	Picloram	n/a	<	0.05	µg/L	EPA 515.4	0.05	0.6	WKL	
MO-OXN	2021/22-1	Wet	10/26/2021 9:03:00 AM	11/16/2021 1:18:00 AM	Prometryn	n/a	<	0.3	µg/L	EPA 525.2	0.3	1	WKL	
MO-OXN	2021/22-1	Wet	10/26/2021 9:03:00 AM	11/6/2021 12:09:00 AM	Ronnel (Fenchlorphos)	n/a	<	0.02	µg/L	EPA 625.1m	0.02	0.05	WKL	
MO-OXN	2021/22-1	Wet	10/26/2021 9:03:00 AM	11/16/2021 1:18:00 AM	Simazine	n/a	<	0.2	µg/L	EPA 525.2	0.2	1	WKL	
MO-OXN	2021/22-1	Wet	10/26/2021 9:03:00 AM	11/6/2021 12:09:00 AM	Stirophos (Tetrachlorvinphos)	n/a	<	0.016	µg/L	EPA 625.1m	0.016	0.05	WKL	
MO-OXN	2021/22-1	Wet	10/26/2021 9:03:00 AM	11/16/2021 1:18:00 AM	Terbacil	n/a	<	0.9	µg/L	EPA 525.2	0.9	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-OXN	2021/22-1	Wet	10/26/2021 9:03:00 AM	11/16/2021 1:18:00 AM	Thiobencarb	n/a	<	0.3	µg/L	EPA 525.2	0.3	1	WKL	
MO-OXN	2021/22-1	Wet	10/26/2021 9:03:00 AM	11/6/2021 12:09:00 AM	Toxaphene	n/a	<	0.039	µg/L	EPA 625.1m	0.039	0.05	WKL	
MO-OXN	2021/22-1	Wet	10/26/2021 9:03:00 AM	12/11/2021 12:22:00 AM	Toxaphene	n/a	<	5	µg/L	EPA 608.3	5	5	WKL	
MO-OXN	2021/22-1	Wet	10/26/2021 9:03:00 AM	11/6/2021 12:09:00 AM	Trichloronate	n/a	<	0.034	µg/L	EPA 625.1m	0.034	0.05	WKL	
MO-OXN	2021/22-1	Wet	10/26/2021 9:03:00 AM	11/16/2021 1:18:00 AM	Trithion	n/a	<	0.2	µg/L	EPA 525.2	0.2	1	WKL	
MO-OXN	2021/22-2	Wet	12/14/2021 12:20:00 AM	12/15/2021 2:50:00 AM	E. Coli	n/a	=	5475	MPN/100 mL	MMO-MUG	10	10	VCHCA	
MO-OXN	2021/22-2	Wet	12/14/2021 12:20:00 AM	12/15/2021 2:50:00 AM	Total Coliform	n/a	=	111990	MPN/100 mL	MMO-MUG	100	100	VCHCA	
MO-OXN	2021/22-2	Wet	12/14/2021 12:20:00 AM	12/14/2021 12:20:00 AM	Conductivity	n/a	=	95.2	µmhos/cm	Field Meter	-88	1	Field Crew	
MO-OXN	2021/22-2	Wet	12/14/2021 12:20:00 AM	12/22/2021 4:33:00 PM	Cyanide	Total	DNQ	0.0013	mg/L	ASTM D7511	0.0012	0.002	WKL	
MO-OXN	2021/22-2	Wet	12/14/2021 12:20:00 AM	12/14/2021 12:20:00 AM	DO	n/a	=	92.9	%	Field Meter	-88	0.1	Field Crew	
MO-OXN	2021/22-2	Wet	12/14/2021 12:20:00 AM	12/14/2021 12:20:00 AM	DO	n/a	=	9.5	mg/L	Field Meter	-88	0.3	Field Crew	
MO-OXN	2021/22-2	Wet	12/14/2021 12:20:00 AM	12/14/2021 12:20:00 AM	pH	n/a	=	7.14	pH Units	Field Meter	-88	0.01	Field Crew	
MO-OXN	2021/22-2	Wet	12/14/2021 12:20:00 AM	12/14/2021 12:20:00 AM	Salinity	n/a	=	100	mg/L	Field Meter	-88	100	Field Crew	
MO-OXN	2021/22-2	Wet	12/14/2021 12:20:00 AM	12/14/2021 12:20:00 AM	Specific Conductance	n/a	=	121.4	µmhos/cm	Field Meter	-88	1	Field Crew	
MO-OXN	2021/22-2	Wet	12/14/2021 12:20:00 AM	12/14/2021 12:20:00 AM	Temperature	n/a	=	13.7	°C	Field Meter	-88	0.1	Field Crew	
MO-OXN	2021/22-2	Wet	12/14/2021 12:20:00 AM	12/21/2021 10:23:00 AM	Gasoline Range Organics	n/a	DNQ	0.089	mg/L	EPA 8260B	0.065	0.1	WKL	
MO-OXN	2021/22-2	Wet	12/14/2021 12:20:00 AM	12/21/2021 4:20:00 PM	Oil and Grease	n/a	DNQ	2.9	mg/L	EPA 1664B	1.3	5	WKL	
MO-OXN	2021/22-2	Wet	12/14/2021 12:20:00 AM	12/16/2021 7:01:00 PM	2-Chloroethyl vinyl ether	n/a	<	0.95	µg/L	EPA 624.1	0.95	5	WKL	DG
MO-OXN	2021/22-2	Wet	12/14/2021 12:20:00 AM	12/16/2021 7:01:00 PM	Methyl tert-butyl ether (MTBE)	n/a	<	2	µg/L	EPA 624.1	2	5	WKL	DG
MO-OXN	2021/22-2	Wet	12/14/2021 1:30:00 PM	12/16/2021 6:18:00 PM	Chloride	n/a	=	5.7	mg/L	EPA 300.0	0.38	1	WKL	
MO-OXN	2021/22-2	Wet	12/14/2021 1:30:00 PM	12/18/2021 4:25:00 AM	Fluoride	n/a	DNQ	0.088	mg/L	EPA 300.0	0.018	0.2	WKL	
MO-OXN	2021/22-2	Wet	12/14/2021 1:30:00 PM	12/19/2021 3:21:00 AM	Perchlorate	n/a	<	0.78	µg/L	EPA 314.0	0.78	4	WKL	
MO-OXN	2021/22-2	Wet	12/14/2021 1:30:00 PM	12/29/2021 7:31:00 PM	Calcium	Total	=	8.54	mg/L	EPA 200.7	0.16	0.5	WKL	
MO-OXN	2021/22-2	Wet	12/14/2021 1:30:00 PM	12/29/2021 7:31:00 PM	Magnesium	Total	=	2.39	mg/L	EPA 200.7	0.039	0.5	WKL	
MO-OXN	2021/22-2	Wet	12/14/2021 1:30:00 PM	12/20/2021 11:11:00 AM	Alkalinity as CaCO3	n/a	=	16	mg/L	SM 2320 B	2.3	5	WKL	
MO-OXN	2021/22-2	Wet	12/14/2021 1:30:00 PM	12/20/2021 7:28:00 PM	BOD	n/a	=	9.1	mg/L	SM 5210 B	2	2	WKL	
MO-OXN	2021/22-2	Wet	12/14/2021 1:30:00 PM	1/2/2022 11:33:00 AM	COD	n/a	=	71	mg/L	EPA 410.4	2.9	5	WKL	
MO-OXN	2021/22-2	Wet	12/14/2021 1:30:00 PM	12/29/2021 7:31:00 PM	Hardness as CaCO3	Total	=	31.2	mg/L	EPA 200.7	0.56	3.31	WKL	
MO-OXN	2021/22-2	Wet	12/14/2021 1:30:00 PM	12/15/2021 7:30:00 PM	MBAS	n/a	=	0.18	mg/L	SM 5540 C	0.013	0.05	WKL	
MO-OXN	2021/22-2	Wet	12/14/2021 1:30:00 PM	1/2/2022 12:49:00 PM	Phenolics	n/a	=	0.013	mg/L	EPA 420.4	0.0068	0.01	WKL	
MO-OXN	2021/22-2	Wet	12/14/2021 1:30:00 PM	12/16/2021 2:03:00 PM	Specific Conductance	n/a	=	88	µmhos/cm	SM 2510 B	1.1	2	WKL	
MO-OXN	2021/22-2	Wet	12/14/2021 1:30:00 PM	12/20/2021 12:36:00 PM	Total Dissolved Solids	n/a	=	55	mg/L	SM 2540 C	4	10	WKL	
MO-OXN	2021/22-2	Wet	12/14/2021 1:30:00 PM	12/24/2021 5:44:00 AM	Total Organic Carbon	n/a	=	8.6	mg/L	SM 5310 B	0.19	0.3	WKL	
MO-OXN	2021/22-2	Wet	12/14/2021 1:30:00 PM	12/20/2021 7:00:00 PM	Total Suspended Solids	n/a	=	130	mg/L	SM 2540 D	-88	5	WKL	
MO-OXN	2021/22-2	Wet	12/14/2021 1:30:00 PM	12/15/2021 5:46:00 PM	Turbidity	n/a	=	20	NTU	EPA 180.1	0.017	0.1	WKL	
MO-OXN	2021/22-2	Wet	12/14/2021 1:30:00 PM	12/20/2021 7:00:00 PM	Volatile Suspended Solids	n/a	=	28	mg/L	EPA 160.4	3.1	5	WKL	
MO-OXN	2021/22-2	Wet	12/14/2021 1:30:00 PM	12/30/2021 12:54:00 AM	Diesel Range Organics	n/a	=	0.45	mg/L	EPA 8015B	0.14	0.2	WKL	EST-LCSRPD
MO-OXN	2021/22-2	Wet	12/14/2021 1:30:00 PM	12/30/2021 12:54:00 AM	Oil Range Organics	n/a	<	0.66	mg/L	EPA 8015B	0.66	1	WKL	
MO-OXN	2021/22-2	Wet	12/14/2021 1:30:00 PM	1/17/2022 7:02:00 PM	Aluminum	Dissolved	=	22	µg/L	EPA 200.8	4.4	20	WKL	
MO-OXN	2021/22-2	Wet	12/14/2021 1:30:00 PM	1/17/2022 7:05:00 PM	Aluminum	Total	=	2200	µg/L	EPA 200.8	4.4	20	WKL	
MO-OXN	2021/22-2	Wet	12/14/2021 1:30:00 PM	1/17/2022 7:02:00 PM	Antimony	Dissolved	=	0.54	µg/L	EPA 200.8	0.089	0.5	WKL	
MO-OXN	2021/22-2	Wet	12/14/2021 1:30:00 PM	1/17/2022 7:05:00 PM	Antimony	Total	=	1.6	µg/L	EPA 200.8	0.089	0.5	WKL	
MO-OXN	2021/22-2	Wet	12/14/2021 1:30:00 PM	1/17/2022 7:02:00 PM	Arsenic	Dissolved	=	0.68	µg/L	EPA 200.8	0.074	0.4	WKL	
MO-OXN	2021/22-2	Wet	12/14/2021 1:30:00 PM	1/17/2022 7:05:00 PM	Arsenic	Total	=	1.6	µg/L	EPA 200.8	0.074	0.4	WKL	
MO-OXN	2021/22-2	Wet	12/14/2021 1:30:00 PM	1/17/2022 7:05:00 PM	Barium	Total	=	44	µg/L	EPA 200.8	0.14	1	WKL	
MO-OXN	2021/22-2	Wet	12/14/2021 1:30:00 PM	1/17/2022 7:02:00 PM	Beryllium	Dissolved	<	0.062	µg/L	EPA 200.8	0.062	0.1	WKL	
MO-OXN	2021/22-2	Wet	12/14/2021 1:30:00 PM	1/17/2022 7:05:00 PM	Beryllium	Total	=	0.11	µg/L	EPA 200.8	0.062	0.1	WKL	
MO-OXN	2021/22-2	Wet	12/14/2021 1:30:00 PM	1/17/2022 7:02:00 PM	Cadmium	Dissolved	DNQ	0.046	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-OXN	2021/22-2	Wet	12/14/2021 1:30:00 PM	1/17/2022 7:05:00 PM	Cadmium	Total	=	0.25	µg/L	EPA 200.8	0.042	0.2	WKL	
MO-OXN	2021/22-2	Wet	12/14/2021 1:30:00 PM	1/17/2022 7:02:00 PM	Chromium	Dissolved	=	0.55	µg/L	EPA 200.8	0.089	0.2	WKL	
MO-OXN	2021/22-2	Wet	12/14/2021 1:30:00 PM	1/17/2022 7:05:00 PM	Chromium	Total	=	5.3	µg/L	EPA 200.8	0.089	0.2	WKL	
MO-OXN	2021/22-2	Wet	12/14/2021 1:30:00 PM	12/20/2021 4:50:00 PM	Chromium VI	n/a	=	0.48	µg/L	EPA 218.6	0.0079	0.02	WKL	
MO-OXN	2021/22-2	Wet	12/14/2021 1:30:00 PM	1/17/2022 7:02:00 PM	Copper	Dissolved	=	5.8	µg/L	EPA 200.8	0.23	0.5	WKL	
MO-OXN	2021/22-2	Wet	12/14/2021 1:30:00 PM	1/17/2022 7:05:00 PM	Copper	Total	=	22	µg/L	EPA 200.8	0.23	0.5	WKL	
MO-OXN	2021/22-2	Wet	12/14/2021 1:30:00 PM	1/17/2022 7:02:00 PM	Iron	Dissolved	=	39	µg/L	EPA 200.8	3.9	20	WKL	
MO-OXN	2021/22-2	Wet	12/14/2021 1:30:00 PM	1/17/2022 7:05:00 PM	Iron	Total	=	3400	µg/L	EPA 200.8	3.9	20	WKL	
MO-OXN	2021/22-2	Wet	12/14/2021 1:30:00 PM	1/17/2022 7:02:00 PM	Lead	Dissolved	DNQ	0.17	µg/L	EPA 200.8	0.083	0.2	WKL	
MO-OXN	2021/22-2	Wet	12/14/2021 1:30:00 PM	1/17/2022 7:05:00 PM	Lead	Total	=	7.7	µg/L	EPA 200.8	0.083	0.2	WKL	
MO-OXN	2021/22-2	Wet	12/14/2021 1:30:00 PM	12/27/2021 3:24:00 PM	Mercury	Dissolved	<	17	ng/L	EPA 245.1	17	50	WKL	
MO-OXN	2021/22-2	Wet	12/14/2021 1:30:00 PM	12/27/2021 3:26:00 PM	Mercury	Total	<	17	ng/L	EPA 245.1	17	50	WKL	
MO-OXN	2021/22-2	Wet	12/14/2021 1:30:00 PM	1/17/2022 7:02:00 PM	Nickel	Dissolved	DNQ	1.9	µg/L	EPA 200.8	0.16	2	WKL	
MO-OXN	2021/22-2	Wet	12/14/2021 1:30:00 PM	1/17/2022 7:05:00 PM	Nickel	Total	=	6.3	µg/L	EPA 200.8	0.16	2	WKL	
MO-OXN	2021/22-2	Wet	12/14/2021 1:30:00 PM	1/17/2022 7:02:00 PM	Selenium	Dissolved	DNQ	0.19	µg/L	EPA 200.8	0.067	0.4	WKL	
MO-OXN	2021/22-2	Wet	12/14/2021 1:30:00 PM	1/17/2022 7:05:00 PM	Selenium	Total	DNQ	0.32	µg/L	EPA 200.8	0.067	0.4	WKL	
MO-OXN	2021/22-2	Wet	12/14/2021 1:30:00 PM	1/17/2022 7:02:00 PM	Silver	Dissolved	<	0.03	µg/L	EPA 200.8	0.03	0.2	WKL	
MO-OXN	2021/22-2	Wet	12/14/2021 1:30:00 PM	1/17/2022 7:05:00 PM	Silver	Total	DNQ	0.03	µg/L	EPA 200.8	0.03	0.2	WKL	UL-MB
MO-OXN	2021/22-2	Wet	12/14/2021 1:30:00 PM	1/17/2022 7:02:00 PM	Thallium	Dissolved	<	0.021	µg/L	EPA 200.8	0.021	0.2	WKL	
MO-OXN	2021/22-2	Wet	12/14/2021 1:30:00 PM	1/17/2022 7:05:00 PM	Thallium	Total	DNQ	0.04	µg/L	EPA 200.8	0.021	0.2	WKL	
MO-OXN	2021/22-2	Wet	12/14/2021 1:30:00 PM	1/17/2022 7:02:00 PM	Zinc	Dissolved	=	38	µg/L	EPA 200.8	0.8	10	WKL	
MO-OXN	2021/22-2	Wet	12/14/2021 1:30:00 PM	1/17/2022 7:05:00 PM	Zinc	Total	=	130	µg/L	EPA 200.8	0.8	10	WKL	
MO-OXN	2021/22-2	Wet	12/14/2021 1:30:00 PM	12/29/2021 4:04:00 PM	Ammonia as N	n/a	=	0.33	mg/L	EPA 350.1	0.017	0.1	WKL	
MO-OXN	2021/22-2	Wet	12/14/2021 1:30:00 PM	1/10/2022 5:01:00 PM	Nitrate + Nitrite as N	n/a	=	0.5	mg/L	EPA 353.2	0.036	0.2	WKL	
MO-OXN	2021/22-2	Wet	12/14/2021 1:30:00 PM	12/29/2021 7:28:00 PM	Phosphorus as P	Dissolved	=	0.22	mg/L	EPA 200.7	0.018	0.05	WKL	
MO-OXN	2021/22-2	Wet	12/14/2021 1:30:00 PM	12/29/2021 7:31:00 PM	Phosphorus as P	Total	=	0.45	mg/L	EPA 200.7	0.018	0.05	WKL	
MO-OXN	2021/22-2	Wet	12/14/2021 1:30:00 PM	1/6/2022 6:17:00 PM	TKN	n/a	=	1.5	mg/L	EPA 351.2	0.13	0.2	WKL	
MO-OXN	2021/22-2	Wet	12/14/2021 1:30:00 PM	1/19/2022 2:49:00 AM	1,2,4-Trichlorobenzene	n/a	<	0.98	µg/L	EPA 625.1	0.98	2	WKL	
MO-OXN	2021/22-2	Wet	12/14/2021 1:30:00 PM	1/19/2022 2:49:00 AM	1,2-Dichlorobenzene	n/a	<	0.92	µg/L	EPA 625.1	0.92	2	WKL	
MO-OXN	2021/22-2	Wet	12/14/2021 1:30:00 PM	1/19/2022 2:49:00 AM	1,2-Diphenylhydrazine	n/a	<	0.6	µg/L	EPA 625.1	0.6	2	WKL	
MO-OXN	2021/22-2	Wet	12/14/2021 1:30:00 PM	1/19/2022 2:49:00 AM	1,3-Dichlorobenzene	n/a	<	0.84	µg/L	EPA 625.1	0.84	2	WKL	
MO-OXN	2021/22-2	Wet	12/14/2021 1:30:00 PM	1/19/2022 2:49:00 AM	1,4-Dichlorobenzene	n/a	<	0.96	µg/L	EPA 625.1	0.96	2	WKL	
MO-OXN	2021/22-2	Wet	12/14/2021 1:30:00 PM	1/15/2022 2:58:00 PM	1-Methylnaphthalene	n/a	<	0.048	µg/L	EPA 8270C	0.048	0.2	WKL	
MO-OXN	2021/22-2	Wet	12/14/2021 1:30:00 PM	1/14/2022 8:30:00 AM	2,4,5-Trichlorophenol	n/a	<	0.58	µg/L	EPA 8270C	0.58	2	WKL	
MO-OXN	2021/22-2	Wet	12/14/2021 1:30:00 PM	1/14/2022 8:30:00 AM	2,4,6-Trichlorophenol	n/a	<	0.6	µg/L	EPA 8270C	0.6	2	WKL	
MO-OXN	2021/22-2	Wet	12/14/2021 1:30:00 PM	1/19/2022 2:49:00 AM	2,4,6-Trichlorophenol	n/a	<	0.44	µg/L	EPA 625.1	0.44	2	WKL	
MO-OXN	2021/22-2	Wet	12/14/2021 1:30:00 PM	1/14/2022 8:30:00 AM	2,4-Dichlorophenol	n/a	<	1	µg/L	EPA 8270C	1	2	WKL	
MO-OXN	2021/22-2	Wet	12/14/2021 1:30:00 PM	1/19/2022 2:49:00 AM	2,4-Dichlorophenol	n/a	<	0.52	µg/L	EPA 625.1	0.52	2	WKL	
MO-OXN	2021/22-2	Wet	12/14/2021 1:30:00 PM	1/14/2022 8:30:00 AM	2,4-Dimethylphenol	n/a	<	2	µg/L	EPA 8270C	2	4	WKL	EST-LCSRPD
MO-OXN	2021/22-2	Wet	12/14/2021 1:30:00 PM	1/19/2022 2:49:00 AM	2,4-Dimethylphenol	n/a	<	1.5	µg/L	EPA 625.1	1.5	2	WKL	LCSRPD, LB-L
MO-OXN	2021/22-2	Wet	12/14/2021 1:30:00 PM	1/19/2022 2:49:00 AM	2,4-Dinitrophenol	n/a	<	3.7	µg/L	EPA 625.1	3.7	20	WKL	
MO-OXN	2021/22-2	Wet	12/14/2021 1:30:00 PM	1/14/2022 8:30:00 AM	2,4-Dinitrophenol	n/a	<	2	µg/L	EPA 8270C	2	4	WKL	
MO-OXN	2021/22-2	Wet	12/14/2021 1:30:00 PM	1/19/2022 2:49:00 AM	2,4-Dinitrotoluene	n/a	<	0.92	µg/L	EPA 625.1	0.92	2	WKL	
MO-OXN	2021/22-2	Wet	12/14/2021 1:30:00 PM	1/19/2022 2:49:00 AM	2,6-Dinitrotoluene	n/a	<	0.54	µg/L	EPA 625.1	0.54	2	WKL	
MO-OXN	2021/22-2	Wet	12/14/2021 1:30:00 PM	1/19/2022 2:49:00 AM	2-Chloronaphthalene	n/a	<	0.9	µg/L	EPA 625.1	0.9	2	WKL	
MO-OXN	2021/22-2	Wet	12/14/2021 1:30:00 PM	1/14/2022 8:30:00 AM	2-Chlorophenol	n/a	<	1.3	µg/L	EPA 8270C	1.3	2	WKL	
MO-OXN	2021/22-2	Wet	12/14/2021 1:30:00 PM	1/19/2022 2:49:00 AM	2-Chlorophenol	n/a	<	0.56	µg/L	EPA 625.1	0.56	2	WKL	
MO-OXN	2021/22-2	Wet	12/14/2021 1:30:00 PM	1/15/2022 2:58:00 PM	2-Methylnaphthalene	n/a	<	0.052	µg/L	EPA 8270C	0.052	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	2021/22-2	Wet	12/14/2021 1:30:00 PM	1/14/2022 8:30:00 AM	2-Methylphenol	n/a	<	0.68	µg/L	EPA 8270C	0.68	2	WKL	
MO-OXN	2021/22-2	Wet	12/14/2021 1:30:00 PM	1/19/2022 2:49:00 AM	2-Nitrophenol	n/a	<	0.52	µg/L	EPA 625.1	0.52	2	WKL	
MO-OXN	2021/22-2	Wet	12/14/2021 1:30:00 PM	1/14/2022 8:30:00 AM	2-Nitrophenol	n/a	<	1.4	µg/L	EPA 8270C	1.4	2	WKL	
MO-OXN	2021/22-2	Wet	12/14/2021 1:30:00 PM	1/19/2022 2:49:00 AM	3,3'-Dichlorobenzidine	n/a	<	5	µg/L	EPA 625.1	5	10	WKL	
MO-OXN	2021/22-2	Wet	12/14/2021 1:30:00 PM	1/14/2022 8:30:00 AM	3-/4-Methylphenol	n/a	<	0.6	µg/L	EPA 8270C	0.6	2	WKL	
MO-OXN	2021/22-2	Wet	12/14/2021 1:30:00 PM	1/19/2022 2:49:00 AM	4,6-Dinitro-2-methylphenol	n/a	<	1	µg/L	EPA 625.1	1	10	WKL	
MO-OXN	2021/22-2	Wet	12/14/2021 1:30:00 PM	1/14/2022 8:30:00 AM	4,6-Dinitro-2-methylphenol	n/a	DNQ	0.88	µg/L	EPA 8270C	0.28	2	WKL	
MO-OXN	2021/22-2	Wet	12/14/2021 1:30:00 PM	1/19/2022 2:49:00 AM	4-Bromophenyl phenyl ether	n/a	<	0.72	µg/L	EPA 625.1	0.72	2	WKL	
MO-OXN	2021/22-2	Wet	12/14/2021 1:30:00 PM	1/14/2022 8:30:00 AM	4-Chloro-3-methylphenol	n/a	<	0.74	µg/L	EPA 8270C	0.74	2	WKL	
MO-OXN	2021/22-2	Wet	12/14/2021 1:30:00 PM	1/19/2022 2:49:00 AM	4-Chloro-3-methylphenol	n/a	<	0.46	µg/L	EPA 625.1	0.46	2	WKL	
MO-OXN	2021/22-2	Wet	12/14/2021 1:30:00 PM	1/19/2022 2:49:00 AM	4-Chlorophenyl phenyl ether	n/a	<	0.82	µg/L	EPA 625.1	0.82	2	WKL	
MO-OXN	2021/22-2	Wet	12/14/2021 1:30:00 PM	1/14/2022 8:30:00 AM	4-Nitrophenol	n/a	<	2	µg/L	EPA 8270C	2	4	WKL	
MO-OXN	2021/22-2	Wet	12/14/2021 1:30:00 PM	1/19/2022 2:49:00 AM	4-Nitrophenol	n/a	<	2.5	µg/L	EPA 625.1	2.5	10	WKL	
MO-OXN	2021/22-2	Wet	12/14/2021 1:30:00 PM	1/19/2022 2:49:00 AM	Acenaphthene	n/a	<	0.76	µg/L	EPA 625.1	0.76	2	WKL	
MO-OXN	2021/22-2	Wet	12/14/2021 1:30:00 PM	1/15/2022 2:58:00 PM	Acenaphthene	n/a	<	0.056	µg/L	EPA 8270C	0.056	0.2	WKL	
MO-OXN	2021/22-2	Wet	12/14/2021 1:30:00 PM	1/19/2022 2:49:00 AM	Acenaphthylene	n/a	<	0.7	µg/L	EPA 625.1	0.7	2	WKL	
MO-OXN	2021/22-2	Wet	12/14/2021 1:30:00 PM	1/15/2022 2:58:00 PM	Acenaphthylene	n/a	<	0.066	µg/L	EPA 8270C	0.066	0.2	WKL	
MO-OXN	2021/22-2	Wet	12/14/2021 1:30:00 PM	1/19/2022 2:49:00 AM	Anthracene	n/a	<	0.82	µg/L	EPA 625.1	0.82	2	WKL	
MO-OXN	2021/22-2	Wet	12/14/2021 1:30:00 PM	1/15/2022 2:58:00 PM	Anthracene	n/a	<	0.05	µg/L	EPA 8270C	0.05	0.2	WKL	
MO-OXN	2021/22-2	Wet	12/14/2021 1:30:00 PM	1/19/2022 2:49:00 AM	Benz(a)anthracene	n/a	<	0.38	µg/L	EPA 625.1	0.38	2	WKL	
MO-OXN	2021/22-2	Wet	12/14/2021 1:30:00 PM	1/15/2022 2:58:00 PM	Benz(a)anthracene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.2	WKL	
MO-OXN	2021/22-2	Wet	12/14/2021 1:30:00 PM	1/19/2022 2:49:00 AM	Benzidine	n/a	<	6.4	µg/L	EPA 625.1	6.4	20	WKL	
MO-OXN	2021/22-2	Wet	12/14/2021 1:30:00 PM	1/19/2022 2:49:00 AM	Benzo(a)pyrene	n/a	<	0.78	µg/L	EPA 625.1	0.78	2	WKL	
MO-OXN	2021/22-2	Wet	12/14/2021 1:30:00 PM	12/29/2021 9:44:00 PM	Benzo(a)pyrene	n/a	<	0.1	µg/L	EPA 525.2	0.1	0.5	WKL	
MO-OXN	2021/22-2	Wet	12/14/2021 1:30:00 PM	1/15/2022 2:58:00 PM	Benzo(a)pyrene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.2	WKL	
MO-OXN	2021/22-2	Wet	12/14/2021 1:30:00 PM	1/15/2022 2:58:00 PM	Benzo(b)fluoranthene	n/a	<	0.15	µg/L	EPA 8270C	0.15	0.2	WKL	
MO-OXN	2021/22-2	Wet	12/14/2021 1:30:00 PM	1/19/2022 2:49:00 AM	Benzo(b)fluoranthene	n/a	<	0.92	µg/L	EPA 625.1	0.92	2	WKL	
MO-OXN	2021/22-2	Wet	12/14/2021 1:30:00 PM	1/19/2022 2:49:00 AM	Benzo(g,h,i)perylene	n/a	<	0.84	µg/L	EPA 625.1	0.84	4	WKL	
MO-OXN	2021/22-2	Wet	12/14/2021 1:30:00 PM	1/15/2022 2:58:00 PM	Benzo(g,h,i)perylene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.2	WKL	
MO-OXN	2021/22-2	Wet	12/14/2021 1:30:00 PM	1/19/2022 2:49:00 AM	Benzo(k)fluoranthene	n/a	<	0.44	µg/L	EPA 625.1	0.44	2	WKL	
MO-OXN	2021/22-2	Wet	12/14/2021 1:30:00 PM	1/15/2022 2:58:00 PM	Benzo(k)fluoranthene	n/a	<	0.052	µg/L	EPA 8270C	0.052	0.2	WKL	
MO-OXN	2021/22-2	Wet	12/14/2021 1:30:00 PM	1/19/2022 2:49:00 AM	Bis(2-chloroethoxy)methane	n/a	<	0.5	µg/L	EPA 625.1	0.5	2	WKL	
MO-OXN	2021/22-2	Wet	12/14/2021 1:30:00 PM	1/19/2022 2:49:00 AM	Bis(2-chloroethyl)ether	n/a	<	0.54	µg/L	EPA 625.1	0.54	2	WKL	
MO-OXN	2021/22-2	Wet	12/14/2021 1:30:00 PM	1/19/2022 2:49:00 AM	Bis(2-chloroisopropyl)ether	n/a	<	0.76	µg/L	EPA 625.1	0.76	2	WKL	
MO-OXN	2021/22-2	Wet	12/14/2021 1:30:00 PM	12/29/2021 9:44:00 PM	Bis(2-ethylhexyl)adipate	n/a	<	2.1	µg/L	EPA 525.2	2.1	25	WKL	
MO-OXN	2021/22-2	Wet	12/14/2021 1:30:00 PM	1/19/2022 2:49:00 AM	Bis(2-ethylhexyl)phthalate	n/a	<	4.6	µg/L	EPA 625.1	4.6	10	WKL	
MO-OXN	2021/22-2	Wet	12/14/2021 1:30:00 PM	12/29/2021 9:44:00 PM	Bis(2-ethylhexyl)phthalate	n/a	<	2	µg/L	EPA 525.2	2	15	WKL	
MO-OXN	2021/22-2	Wet	12/14/2021 1:30:00 PM	1/19/2022 2:49:00 AM	Butyl benzyl phthalate	n/a	DNQ	1.2	µg/L	EPA 625.1	0.98	2	WKL	
MO-OXN	2021/22-2	Wet	12/14/2021 1:30:00 PM	1/15/2022 2:58:00 PM	Chrysene	n/a	<	0.15	µg/L	EPA 8270C	0.15	0.2	WKL	
MO-OXN	2021/22-2	Wet	12/14/2021 1:30:00 PM	1/19/2022 2:49:00 AM	Chrysene	n/a	<	0.38	µg/L	EPA 625.1	0.38	2	WKL	
MO-OXN	2021/22-2	Wet	12/14/2021 1:30:00 PM	1/19/2022 2:49:00 AM	Dibenz(a,h)anthracene	n/a	<	0.3	µg/L	EPA 625.1	0.3	4	WKL	
MO-OXN	2021/22-2	Wet	12/14/2021 1:30:00 PM	1/15/2022 2:58:00 PM	Dibenz(a,h)anthracene	n/a	<	0.072	µg/L	EPA 8270C	0.072	0.2	WKL	
MO-OXN	2021/22-2	Wet	12/14/2021 1:30:00 PM	1/19/2022 2:49:00 AM	Diethyl phthalate	n/a	<	0.7	µg/L	EPA 625.1	0.7	2	WKL	
MO-OXN	2021/22-2	Wet	12/14/2021 1:30:00 PM	1/19/2022 2:49:00 AM	Dimethyl phthalate	n/a	<	0.36	µg/L	EPA 625.1	0.36	2	WKL	
MO-OXN	2021/22-2	Wet	12/14/2021 1:30:00 PM	1/19/2022 2:49:00 AM	Di-n-butylphthalate	n/a	DNQ	0.85	µg/L	EPA 625.1	0.68	2	WKL	
MO-OXN	2021/22-2	Wet	12/14/2021 1:30:00 PM	1/19/2022 2:49:00 AM	Di-n-octylphthalate	n/a	<	0.92	µg/L	EPA 625.1	0.92	2	WKL	
MO-OXN	2021/22-2	Wet	12/14/2021 1:30:00 PM	1/19/2022 2:49:00 AM	Fluoranthene	n/a	<	0.69	µg/L	EPA 625.1	0.69	2	WKL	
MO-OXN	2021/22-2	Wet	12/14/2021 1:30:00 PM	1/15/2022 2:58:00 PM	Fluoranthene	n/a	DNQ	0.099	µg/L	EPA 8270C	0.078	0.2	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-OXN	2021/22-2	Wet	12/14/2021 1:30:00 PM	1/19/2022 2:49:00 AM	Fluorene	n/a	<	0.7	µg/L	EPA 625.1	0.7	2	WKL	
MO-OXN	2021/22-2	Wet	12/14/2021 1:30:00 PM	1/15/2022 2:58:00 PM	Fluorene	n/a	<	0.058	µg/L	EPA 8270C	0.058	0.2	WKL	
MO-OXN	2021/22-2	Wet	12/14/2021 1:30:00 PM	1/19/2022 2:49:00 AM	Hexachlorobenzene	n/a	<	0.98	µg/L	EPA 625.1	0.98	2	WKL	
MO-OXN	2021/22-2	Wet	12/14/2021 1:30:00 PM	1/19/2022 2:49:00 AM	Hexachlorobutadiene	n/a	<	0.94	µg/L	EPA 625.1	0.94	2	WKL	
MO-OXN	2021/22-2	Wet	12/14/2021 1:30:00 PM	12/29/2021 9:44:00 PM	Hexachlorocyclopentadiene	n/a	<	0.46	µg/L	EPA 525.2	0.46	5	WKL	
MO-OXN	2021/22-2	Wet	12/14/2021 1:30:00 PM	1/19/2022 2:49:00 AM	Hexachlorocyclopentadiene	n/a	<	0.62	µg/L	EPA 625.1	0.62	10	WKL	
MO-OXN	2021/22-2	Wet	12/14/2021 1:30:00 PM	1/19/2022 2:49:00 AM	Hexachloroethane	n/a	<	1	µg/L	EPA 625.1	1	2	WKL	
MO-OXN	2021/22-2	Wet	12/14/2021 1:30:00 PM	1/19/2022 2:49:00 AM	Indeno(1,2,3-cd)pyrene	n/a	<	0.49	µg/L	EPA 625.1	0.49	4	WKL	
MO-OXN	2021/22-2	Wet	12/14/2021 1:30:00 PM	1/15/2022 2:58:00 PM	Indeno(1,2,3-cd)pyrene	n/a	<	0.13	µg/L	EPA 8270C	0.13	0.2	WKL	
MO-OXN	2021/22-2	Wet	12/14/2021 1:30:00 PM	1/19/2022 2:49:00 AM	Isophorone	n/a	<	0.42	µg/L	EPA 625.1	0.42	2	WKL	
MO-OXN	2021/22-2	Wet	12/14/2021 1:30:00 PM	1/19/2022 2:49:00 AM	Naphthalene	n/a	<	0.98	µg/L	EPA 625.1	0.98	2	WKL	
MO-OXN	2021/22-2	Wet	12/14/2021 1:30:00 PM	1/15/2022 2:58:00 PM	Naphthalene	n/a	<	0.052	µg/L	EPA 8270C	0.052	0.2	WKL	
MO-OXN	2021/22-2	Wet	12/14/2021 1:30:00 PM	1/19/2022 2:49:00 AM	Nitrobenzene	n/a	<	0.72	µg/L	EPA 625.1	0.72	2	WKL	
MO-OXN	2021/22-2	Wet	12/14/2021 1:30:00 PM	1/19/2022 2:49:00 AM	N-Nitrosodimethylamine	n/a	<	1	µg/L	EPA 625.1	1	2	WKL	
MO-OXN	2021/22-2	Wet	12/14/2021 1:30:00 PM	1/19/2022 2:49:00 AM	N-Nitrosodi-N-propylamine	n/a	<	0.52	µg/L	EPA 625.1	0.52	2	WKL	
MO-OXN	2021/22-2	Wet	12/14/2021 1:30:00 PM	1/19/2022 2:49:00 AM	N-Nitrosodiphenylamine	n/a	<	0.38	µg/L	EPA 625.1	0.38	2	WKL	
MO-OXN	2021/22-2	Wet	12/14/2021 1:30:00 PM	1/19/2022 2:49:00 AM	Phenanthrene	n/a	<	0.64	µg/L	EPA 625.1	0.64	2	WKL	
MO-OXN	2021/22-2	Wet	12/14/2021 1:30:00 PM	1/15/2022 2:58:00 PM	Phenanthrene	n/a	<	0.058	µg/L	EPA 8270C	0.058	0.2	WKL	
MO-OXN	2021/22-2	Wet	12/14/2021 1:30:00 PM	1/19/2022 2:49:00 AM	Phenol	n/a	<	1.6	µg/L	EPA 625.1	1.6	2	WKL	
MO-OXN	2021/22-2	Wet	12/14/2021 1:30:00 PM	1/14/2022 8:30:00 AM	Phenol	n/a	<	0.7	µg/L	EPA 8270C	0.7	2	WKL	
MO-OXN	2021/22-2	Wet	12/14/2021 1:30:00 PM	1/19/2022 2:49:00 AM	Pyrene	n/a	<	0.5	µg/L	EPA 625.1	0.5	2	WKL	
MO-OXN	2021/22-2	Wet	12/14/2021 1:30:00 PM	1/15/2022 2:58:00 PM	Pyrene	n/a	DNQ	0.11	µg/L	EPA 8270C	0.08	0.2	WKL	
MO-OXN	2021/22-2	Wet	12/14/2021 1:30:00 PM	1/13/2022 2:06:00 PM	PCB Aroclor 1016	n/a	<	2.5	µg/L	EPA 608.3	2.5	2.5	WKL	
MO-OXN	2021/22-2	Wet	12/14/2021 1:30:00 PM	1/13/2022 2:06:00 PM	PCB Aroclor 1221	n/a	<	2.5	µg/L	EPA 608.3	2.5	2.5	WKL	
MO-OXN	2021/22-2	Wet	12/14/2021 1:30:00 PM	1/13/2022 2:06:00 PM	PCB Aroclor 1232	n/a	<	2.5	µg/L	EPA 608.3	2.5	2.5	WKL	
MO-OXN	2021/22-2	Wet	12/14/2021 1:30:00 PM	1/13/2022 2:06:00 PM	PCB Aroclor 1242	n/a	<	2.5	µg/L	EPA 608.3	2.5	2.5	WKL	
MO-OXN	2021/22-2	Wet	12/14/2021 1:30:00 PM	1/13/2022 2:06:00 PM	PCB Aroclor 1248	n/a	<	2.5	µg/L	EPA 608.3	2.5	2.5	WKL	
MO-OXN	2021/22-2	Wet	12/14/2021 1:30:00 PM	1/13/2022 2:06:00 PM	PCB Aroclor 1254	n/a	<	2.5	µg/L	EPA 608.3	2.5	2.5	WKL	
MO-OXN	2021/22-2	Wet	12/14/2021 1:30:00 PM	1/13/2022 2:06:00 PM	PCB Aroclor 1260	n/a	<	2.5	µg/L	EPA 608.3	2.5	2.5	WKL	
MO-OXN	2021/22-2	Wet	12/14/2021 1:30:00 PM	1/7/2022 12:10:00 AM	2,4,5-T	n/a	<	0.03	µg/L	EPA 515.4	0.03	0.2	WKL	
MO-OXN	2021/22-2	Wet	12/14/2021 1:30:00 PM	1/7/2022 12:10:00 AM	2,4,5-TP	n/a	<	0.026	µg/L	EPA 515.4	0.026	0.2	WKL	
MO-OXN	2021/22-2	Wet	12/14/2021 1:30:00 PM	1/7/2022 12:10:00 AM	2,4-D	n/a	<	2	µg/L	EPA 515.4	2	2	WKL	
MO-OXN	2021/22-2	Wet	12/14/2021 1:30:00 PM	1/7/2022 12:10:00 AM	2,4-DB	n/a	<	2	µg/L	EPA 515.4	2	2	WKL	
MO-OXN	2021/22-2	Wet	12/14/2021 1:30:00 PM	1/7/2022 12:10:00 AM	3,5-Dichlorobenzoic acid	n/a	<	0.12	µg/L	EPA 515.4	0.12	1	WKL	
MO-OXN	2021/22-2	Wet	12/14/2021 1:30:00 PM	1/13/2022 2:06:00 PM	4,4'-DDD	n/a	DNQ	0.0043	µg/L	EPA 608.3	0.0035	0.25	WKL	
MO-OXN	2021/22-2	Wet	12/14/2021 1:30:00 PM	1/13/2022 2:06:00 PM	4,4'-DDE	n/a	DNQ	0.013	µg/L	EPA 608.3	0.0035	0.25	WKL	
MO-OXN	2021/22-2	Wet	12/14/2021 1:30:00 PM	1/13/2022 2:06:00 PM	4,4'-DDT	n/a	DNQ	0.0093	µg/L	EPA 608.3	0.0055	0.05	WKL	
MO-OXN	2021/22-2	Wet	12/14/2021 1:30:00 PM	1/7/2022 12:10:00 AM	Acifluorfen	n/a	<	0.4	µg/L	EPA 515.4	0.4	0.4	WKL	
MO-OXN	2021/22-2	Wet	12/14/2021 1:30:00 PM	12/29/2021 9:44:00 PM	Alachlor	n/a	<	0.15	µg/L	EPA 525.2	0.15	0.5	WKL	
MO-OXN	2021/22-2	Wet	12/14/2021 1:30:00 PM	1/13/2022 2:06:00 PM	Aldrin	n/a	<	0.005	µg/L	EPA 608.3	0.005	0.025	WKL	
MO-OXN	2021/22-2	Wet	12/14/2021 1:30:00 PM	1/13/2022 2:06:00 PM	alpha-BHC	n/a	<	0.0055	µg/L	EPA 608.3	0.0055	0.05	WKL	
MO-OXN	2021/22-2	Wet	12/14/2021 1:30:00 PM	1/13/2022 2:06:00 PM	alpha-Chlordane	n/a	<	0.014	µg/L	EPA 608.3	0.014	0.05	WKL	
MO-OXN	2021/22-2	Wet	12/14/2021 1:30:00 PM	12/29/2021 9:44:00 PM	Atrazine	n/a	<	0.054	µg/L	EPA 525.2	0.054	0.5	WKL	
MO-OXN	2021/22-2	Wet	12/14/2021 1:30:00 PM	12/28/2021 9:50:00 AM	Azinphos methyl	n/a	<	0.0055	µg/L	EPA 625.1m	0.0055	0.01	WKL	
MO-OXN	2021/22-2	Wet	12/14/2021 1:30:00 PM	1/7/2022 12:10:00 AM	Bentazon	n/a	<	0.23	µg/L	EPA 515.4	0.23	2	WKL	
MO-OXN	2021/22-2	Wet	12/14/2021 1:30:00 PM	1/13/2022 2:06:00 PM	beta-BHC	n/a	<	0.0075	µg/L	EPA 608.3	0.0075	0.025	WKL	
MO-OXN	2021/22-2	Wet	12/14/2021 1:30:00 PM	12/28/2021 9:50:00 AM	Bolstar	n/a	<	0.0046	µg/L	EPA 625.1m	0.0046	0.01	WKL	
MO-OXN	2021/22-2	Wet	12/14/2021 1:30:00 PM	12/29/2021 9:44:00 PM	Bromacil	n/a	<	0.35	µg/L	EPA 525.2	0.35	2.5	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-OXN	2021/22-2	Wet	12/14/2021 1:30:00 PM	12/29/2021 9:44:00 PM	Butachlor	n/a	<	0.061	µg/L	EPA 525.2	0.061	0.5	WKL	
MO-OXN	2021/22-2	Wet	12/14/2021 1:30:00 PM	12/29/2021 9:44:00 PM	Captan	n/a	<	1.6	µg/L	EPA 525.2	1.6	5	WKL	
MO-OXN	2021/22-2	Wet	12/14/2021 1:30:00 PM	1/13/2022 2:06:00 PM	Chlordane (technical)	n/a	<	0.5	µg/L	EPA 608.3	0.5	0.5	WKL	
MO-OXN	2021/22-2	Wet	12/14/2021 1:30:00 PM	12/29/2021 9:44:00 PM	Chlorpropham	n/a	<	0.2	µg/L	EPA 525.2	0.2	0.5	WKL	
MO-OXN	2021/22-2	Wet	12/14/2021 1:30:00 PM	12/28/2021 9:50:00 AM	Chlorpyrifos	n/a	<	0.0069	µg/L	EPA 625.1m	0.0069	0.01	WKL	
MO-OXN	2021/22-2	Wet	12/14/2021 1:30:00 PM	12/28/2021 9:50:00 AM	Coumaphos	n/a	<	0.0051	µg/L	EPA 625.1m	0.0051	0.01	WKL	
MO-OXN	2021/22-2	Wet	12/14/2021 1:30:00 PM	1/7/2022 12:10:00 AM	Dalapon	n/a	<	0.11	µg/L	EPA 515.4	0.11	0.4	WKL	
MO-OXN	2021/22-2	Wet	12/14/2021 1:30:00 PM	1/7/2022 12:10:00 AM	DCPA (Dacthal)	n/a	<	0.029	µg/L	EPA 515.4	0.029	0.1	WKL	
MO-OXN	2021/22-2	Wet	12/14/2021 1:30:00 PM	1/13/2022 2:06:00 PM	delta-BHC	n/a	<	0.0095	µg/L	EPA 608.3	0.0095	0.025	WKL	EST-LCSRPD
MO-OXN	2021/22-2	Wet	12/14/2021 1:30:00 PM	12/28/2021 9:50:00 AM	Demeton-O	n/a	<	0.01	µg/L	EPA 625.1m	0.01	0.01	WKL	
MO-OXN	2021/22-2	Wet	12/14/2021 1:30:00 PM	12/28/2021 9:50:00 AM	Demeton-S	n/a	<	0.01	µg/L	EPA 625.1m	0.01	0.01	WKL	LB-LCSR
MO-OXN	2021/22-2	Wet	12/14/2021 1:30:00 PM	12/28/2021 9:50:00 AM	Diazinon	n/a	<	0.0052	µg/L	EPA 625.1m	0.0052	0.01	WKL	
MO-OXN	2021/22-2	Wet	12/14/2021 1:30:00 PM	12/29/2021 9:44:00 PM	Diazinon	n/a	<	0.11	µg/L	EPA 525.2	0.11	0.5	WKL	
MO-OXN	2021/22-2	Wet	12/14/2021 1:30:00 PM	1/7/2022 12:10:00 AM	Dicamba	n/a	<	0.049	µg/L	EPA 515.4	0.049	0.6	WKL	
MO-OXN	2021/22-2	Wet	12/14/2021 1:30:00 PM	1/7/2022 12:10:00 AM	Dichlorprop	n/a	<	0.12	µg/L	EPA 515.4	0.12	0.3	WKL	
MO-OXN	2021/22-2	Wet	12/14/2021 1:30:00 PM	12/28/2021 9:50:00 AM	Dichlorvos	n/a	<	0.0029	µg/L	EPA 625.1m	0.0029	0.01	WKL	
MO-OXN	2021/22-2	Wet	12/14/2021 1:30:00 PM	1/13/2022 2:06:00 PM	Dieldrin	n/a	<	0.004	µg/L	EPA 608.3	0.004	0.05	WKL	
MO-OXN	2021/22-2	Wet	12/14/2021 1:30:00 PM	12/28/2021 9:50:00 AM	Dimethoate	n/a	<	0.0062	µg/L	EPA 625.1m	0.0062	0.01	WKL	LB-LCSR
MO-OXN	2021/22-2	Wet	12/14/2021 1:30:00 PM	12/29/2021 9:44:00 PM	Dimethoate	n/a	<	0.1	µg/L	EPA 525.2	0.1	1	WKL	
MO-OXN	2021/22-2	Wet	12/14/2021 1:30:00 PM	1/7/2022 12:10:00 AM	Dinoseb	n/a	<	0.033	µg/L	EPA 515.4	0.033	0.4	WKL	
MO-OXN	2021/22-2	Wet	12/14/2021 1:30:00 PM	12/29/2021 9:44:00 PM	Diphenamid	n/a	<	0.15	µg/L	EPA 525.2	0.15	0.5	WKL	
MO-OXN	2021/22-2	Wet	12/14/2021 1:30:00 PM	12/29/2021 9:44:00 PM	Disulfoton	n/a	<	0.077	µg/L	EPA 525.2	0.077	0.5	WKL	
MO-OXN	2021/22-2	Wet	12/14/2021 1:30:00 PM	12/28/2021 9:50:00 AM	Disulfoton	n/a	<	0.01	µg/L	EPA 625.1m	0.01	0.01	WKL	
MO-OXN	2021/22-2	Wet	12/14/2021 1:30:00 PM	1/13/2022 2:06:00 PM	Endosulfan I	n/a	<	0.0045	µg/L	EPA 608.3	0.0045	0.1	WKL	
MO-OXN	2021/22-2	Wet	12/14/2021 1:30:00 PM	1/13/2022 2:06:00 PM	Endosulfan II	n/a	<	0.0035	µg/L	EPA 608.3	0.0035	0.05	WKL	
MO-OXN	2021/22-2	Wet	12/14/2021 1:30:00 PM	1/13/2022 2:06:00 PM	Endosulfan sulfate	n/a	<	0.0065	µg/L	EPA 608.3	0.0065	0.25	WKL	
MO-OXN	2021/22-2	Wet	12/14/2021 1:30:00 PM	1/13/2022 2:06:00 PM	Endrin	n/a	<	0.0085	µg/L	EPA 608.3	0.0085	0.05	WKL	
MO-OXN	2021/22-2	Wet	12/14/2021 1:30:00 PM	1/13/2022 2:06:00 PM	Endrin aldehyde	n/a	<	0.0095	µg/L	EPA 608.3	0.0095	0.05	WKL	
MO-OXN	2021/22-2	Wet	12/14/2021 1:30:00 PM	12/29/2021 9:44:00 PM	EPTC	n/a	<	0.1	µg/L	EPA 525.2	0.1	0.5	WKL	
MO-OXN	2021/22-2	Wet	12/14/2021 1:30:00 PM	12/28/2021 9:50:00 AM	Ethoprop	n/a	<	0.0067	µg/L	EPA 625.1m	0.0067	0.01	WKL	LB-LCSR
MO-OXN	2021/22-2	Wet	12/14/2021 1:30:00 PM	12/28/2021 9:50:00 AM	Ethyl parathion	n/a	<	0.0054	µg/L	EPA 625.1m	0.0054	0.01	WKL	
MO-OXN	2021/22-2	Wet	12/14/2021 1:30:00 PM	12/28/2021 9:50:00 AM	Fensulfothion	n/a	<	0.0029	µg/L	EPA 625.1m	0.0029	0.01	WKL	
MO-OXN	2021/22-2	Wet	12/14/2021 1:30:00 PM	12/28/2021 9:50:00 AM	Fenthion	n/a	<	0.0038	µg/L	EPA 625.1m	0.0038	0.01	WKL	
MO-OXN	2021/22-2	Wet	12/14/2021 1:30:00 PM	1/13/2022 2:06:00 PM	gamma-BHC (Lindane)	n/a	<	0.002	µg/L	EPA 608.3	0.002	0.1	WKL	
MO-OXN	2021/22-2	Wet	12/14/2021 1:30:00 PM	1/13/2022 2:06:00 PM	gamma-Chlordane	n/a	<	0.012	µg/L	EPA 608.3	0.012	0.05	WKL	
MO-OXN	2021/22-2	Wet	12/14/2021 1:30:00 PM	12/17/2021 5:40:00 AM	Glyphosate	n/a	=	11	µg/L	EPA 547	1.8	5	WKL	
MO-OXN	2021/22-2	Wet	12/14/2021 1:30:00 PM	1/13/2022 2:06:00 PM	Heptachlor	n/a	<	0.003	µg/L	EPA 608.3	0.003	0.05	WKL	
MO-OXN	2021/22-2	Wet	12/14/2021 1:30:00 PM	1/13/2022 2:06:00 PM	Heptachlor epoxide	n/a	<	0.002	µg/L	EPA 608.3	0.002	0.05	WKL	
MO-OXN	2021/22-2	Wet	12/14/2021 1:30:00 PM	12/28/2021 9:50:00 AM	Malathion	n/a	=	0.011	µg/L	EPA 625.1m	0.0076	0.01	WKL	
MO-OXN	2021/22-2	Wet	12/14/2021 1:30:00 PM	12/28/2021 9:50:00 AM	Merphos	n/a	<	0.0058	µg/L	EPA 625.1m	0.0058	0.01	WKL	
MO-OXN	2021/22-2	Wet	12/14/2021 1:30:00 PM	12/28/2021 9:50:00 AM	Methyl parathion	n/a	<	0.0063	µg/L	EPA 625.1m	0.0063	0.01	WKL	
MO-OXN	2021/22-2	Wet	12/14/2021 1:30:00 PM	12/29/2021 9:44:00 PM	Metolachlor	n/a	<	0.15	µg/L	EPA 525.2	0.15	0.5	WKL	
MO-OXN	2021/22-2	Wet	12/14/2021 1:30:00 PM	12/29/2021 9:44:00 PM	Metribuzin	n/a	<	0.15	µg/L	EPA 525.2	0.15	0.5	WKL	
MO-OXN	2021/22-2	Wet	12/14/2021 1:30:00 PM	12/28/2021 9:50:00 AM	Mevinphos	n/a	<	0.0042	µg/L	EPA 625.1m	0.0042	0.01	WKL	LB-LCSR
MO-OXN	2021/22-2	Wet	12/14/2021 1:30:00 PM	12/29/2021 9:44:00 PM	Molinate	n/a	<	0.15	µg/L	EPA 525.2	0.15	0.5	WKL	
MO-OXN	2021/22-2	Wet	12/14/2021 1:30:00 PM	12/28/2021 9:50:00 AM	Naled	n/a	<	0.0076	µg/L	EPA 625.1m	0.0076	0.01	WKL	
MO-OXN	2021/22-2	Wet	12/14/2021 1:30:00 PM	1/7/2022 12:10:00 AM	Pentachlorophenol	n/a	DNQ	0.18	µg/L	EPA 515.4	0.046	0.2	WKL	
MO-OXN	2021/22-2	Wet	12/14/2021 1:30:00 PM	1/19/2022 2:49:00 AM	Pentachlorophenol	n/a	<	4	µg/L	EPA 625.1	4	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-OXN	2021/22-2	Wet	12/14/2021 1:30:00 PM	1/14/2022 8:30:00 AM	Pentachlorophenol	n/a	DNQ	1.1	µg/L	EPA 8270C	0.3	2	WKL	
MO-OXN	2021/22-2	Wet	12/14/2021 1:30:00 PM	12/28/2021 9:50:00 AM	Phorate	n/a	<	0.003	µg/L	EPA 625.1m	0.003	0.01	WKL	
MO-OXN	2021/22-2	Wet	12/14/2021 1:30:00 PM	1/7/2022 12:10:00 AM	Picloram	n/a	<	0.05	µg/L	EPA 515.4	0.05	0.6	WKL	
MO-OXN	2021/22-2	Wet	12/14/2021 1:30:00 PM	12/29/2021 9:44:00 PM	Prometryn	n/a	<	0.15	µg/L	EPA 525.2	0.15	0.5	WKL	
MO-OXN	2021/22-2	Wet	12/14/2021 1:30:00 PM	12/28/2021 9:50:00 AM	Ronnel (Fenchlorphos)	n/a	<	0.0041	µg/L	EPA 625.1m	0.0041	0.01	WKL	
MO-OXN	2021/22-2	Wet	12/14/2021 1:30:00 PM	12/29/2021 9:44:00 AM	Simazine	n/a	<	0.1	µg/L	EPA 525.2	0.1	0.5	WKL	
MO-OXN	2021/22-2	Wet	12/14/2021 1:30:00 PM	12/28/2021 9:50:00 AM	Stirophos (Tetrachlorvinphos)	n/a	<	0.0031	µg/L	EPA 625.1m	0.0031	0.01	WKL	
MO-OXN	2021/22-2	Wet	12/14/2021 1:30:00 PM	12/29/2021 9:44:00 PM	Terbacil	n/a	<	0.45	µg/L	EPA 525.2	0.45	10	WKL	
MO-OXN	2021/22-2	Wet	12/14/2021 1:30:00 PM	12/29/2021 9:44:00 PM	Thiobencarb	n/a	<	0.15	µg/L	EPA 525.2	0.15	0.5	WKL	
MO-OXN	2021/22-2	Wet	12/14/2021 1:30:00 PM	12/28/2021 9:50:00 AM	Tokuthion	n/a	<	0.0078	µg/L	EPA 625.1m	0.0078	0.01	WKL	
MO-OXN	2021/22-2	Wet	12/14/2021 1:30:00 PM	1/13/2022 2:06:00 PM	Toxaphene	n/a	<	2.5	µg/L	EPA 608.3	2.5	2.5	WKL	
MO-OXN	2021/22-2	Wet	12/14/2021 1:30:00 PM	12/28/2021 9:50:00 AM	Trichloronate	n/a	<	0.0067	µg/L	EPA 625.1m	0.0067	0.01	WKL	
MO-OXN	2021/22-2	Wet	12/14/2021 1:30:00 PM	12/29/2021 9:44:00 PM	Trithion	n/a	<	0.1	µg/L	EPA 525.2	0.1	0.5	WKL	
MO-OXN	2021/22-3	Wet	3/28/2022 8:30:00 AM	3/29/2022 11:20:00 AM	E. Coli	n/a	=	8664	MPN/100 mL	MMO-MUG	10	10	VCHCA	
MO-OXN	2021/22-3	Wet	3/28/2022 8:30:00 AM	3/29/2022 11:20:00 AM	Total Coliform	n/a	=	241960	MPN/100 mL	MMO-MUG	100	100	VCHCA	
MO-OXN	2021/22-3	Wet	3/28/2022 8:30:00 AM	3/28/2022 8:30:00 AM	Conductivity	n/a	=	56.1	µmhos/cm	Field Meter	-88	1	Field Crew	
MO-OXN	2021/22-3	Wet	3/28/2022 8:30:00 AM	4/6/2022 3:00:00 PM	Cyanide	Total	<	0.0012	mg/L	ASTM D7511	0.0012	0.002	WKL	
MO-OXN	2021/22-3	Wet	3/28/2022 8:30:00 AM	3/28/2022 8:30:00 AM	DO	n/a	=	9.05	mg/L	Field Meter	-88	0.3	Field Crew	
MO-OXN	2021/22-3	Wet	3/28/2022 8:30:00 AM	3/28/2022 8:30:00 AM	DO	n/a	=	89.3	%	Field Meter	-88	0.1	Field Crew	
MO-OXN	2021/22-3	Wet	3/28/2022 8:30:00 AM	3/28/2022 8:30:00 AM	pH	n/a	=	7.44	pH Units	Field Meter	-88	0.01	Field Crew	
MO-OXN	2021/22-3	Wet	3/28/2022 8:30:00 AM	3/28/2022 8:30:00 AM	Salinity	n/a	<	100	mg/L	Field Meter	-88	100	Field Crew	
MO-OXN	2021/22-3	Wet	3/28/2022 8:30:00 AM	3/28/2022 8:30:00 AM	Specific Conductance	n/a	=	69.3	µmhos/cm	Field Meter	-88	1	Field Crew	
MO-OXN	2021/22-3	Wet	3/28/2022 8:30:00 AM	3/28/2022 8:30:00 AM	Temperature	n/a	=	14.6	°C	Field Meter	-88	0.1	Field Crew	
MO-OXN	2021/22-3	Wet	3/28/2022 8:30:00 AM	3/30/2022 2:17:00 PM	Gasoline Range Organics	n/a	<	0.065	mg/L	EPA 8260B	0.065	0.1	WKL	
MO-OXN	2021/22-3	Wet	3/28/2022 8:30:00 AM	4/4/2022 1:14:00 PM	Oil and Grease	n/a	DNQ	3.4	mg/L	EPA 1664B	0.6	4	WKL	
MO-OXN	2021/22-3	Wet	3/28/2022 2:45:00 PM	4/1/2022 5:26:00 PM	Chloride	n/a	=	4.7	mg/L	EPA 300.0	0.38	1	WKL	
MO-OXN	2021/22-3	Wet	3/28/2022 2:45:00 PM	4/1/2022 5:26:00 PM	Fluoride	n/a	DNQ	0.12	mg/L	EPA 300.0	0.018	0.2	WKL	
MO-OXN	2021/22-3	Wet	3/28/2022 2:45:00 PM	4/1/2022 10:40:00 PM	Perchlorate	n/a	<	0.78	µg/L	EPA 314.0	0.78	4	WKL	
MO-OXN	2021/22-3	Wet	3/28/2022 2:45:00 PM	4/7/2022 7:15:00 PM	Calcium	Total	=	8.31	mg/L	EPA 200.7	0.0234	0.5	WKL	
MO-OXN	2021/22-3	Wet	3/28/2022 2:45:00 PM	4/7/2022 7:15:00 PM	Magnesium	Total	=	2.2	mg/L	EPA 200.7	0.039	0.5	WKL	
MO-OXN	2021/22-3	Wet	3/28/2022 2:45:00 PM	3/31/2022 5:31:00 PM	Alkalinity as CaCO3	n/a	=	14	mg/L	SM 2320 B	1.9	5	WKL	
MO-OXN	2021/22-3	Wet	3/28/2022 2:45:00 PM	4/3/2022 2:00:00 PM	BOD	n/a	=	15	mg/L	SM 5210 B	2	2	WKL	
MO-OXN	2021/22-3	Wet	3/28/2022 2:45:00 PM	4/7/2022 1:15:00 PM	COD	n/a	=	42	mg/L	EPA 410.4	2.9	5	WKL	
MO-OXN	2021/22-3	Wet	3/28/2022 2:45:00 PM	4/7/2022 7:15:00 PM	Hardness as CaCO3	Total	=	29.8	mg/L	EPA 200.7	0.219	3.31	WKL	
MO-OXN	2021/22-3	Wet	3/28/2022 2:45:00 PM	3/29/2022 5:55:00 PM	MBAS	n/a	=	0.29	mg/L	SM 5540 C	0.013	0.05	WKL	
MO-OXN	2021/22-3	Wet	3/28/2022 2:45:00 PM	4/11/2022 12:32:00 PM	Phenolics	n/a	DNQ	0.0084	mg/L	EPA 420.4	0.0068	0.01	WKL	
MO-OXN	2021/22-3	Wet	3/28/2022 2:45:00 PM	3/29/2022 5:10:00 PM	Specific Conductance	n/a	=	80	µmhos/cm	SM 2510 B	1.1	2	WKL	
MO-OXN	2021/22-3	Wet	3/28/2022 2:45:00 PM	4/4/2022 11:43:00 AM	Total Dissolved Solids	n/a	=	54	mg/L	SM 2540 C	4	10	WKL	
MO-OXN	2021/22-3	Wet	3/28/2022 2:45:00 PM	3/29/2022 7:44:00 PM	Total Organic Carbon	n/a	=	13	mg/L	SM 5310 B	0.19	0.3	WKL	
MO-OXN	2021/22-3	Wet	3/28/2022 2:45:00 PM	4/2/2022 11:00:00 AM	Total Suspended Solids	n/a	=	160	mg/L	SM 2540 D	-88	5	WKL	
MO-OXN	2021/22-3	Wet	3/28/2022 2:45:00 PM	3/29/2022 3:08:00 PM	Turbidity	n/a	=	25	NTU	EPA 180.1	0.017	0.1	WKL	
MO-OXN	2021/22-3	Wet	3/28/2022 2:45:00 PM	4/2/2022 11:00:00 AM	Volatile Suspended Solids	n/a	=	45	mg/L	EPA 160.4	3.1	5	WKL	
MO-OXN	2021/22-3	Wet	3/28/2022 2:45:00 PM	4/1/2022 12:10:00 PM	Diesel Range Organics	n/a	DNQ	0.19	mg/L	EPA 8015B	0.14	0.2	WKL	
MO-OXN	2021/22-3	Wet	3/28/2022 2:45:00 PM	4/1/2022 12:10:00 PM	Oil Range Organics	n/a	<	0.66	mg/L	EPA 8015B	0.66	1	WKL	
MO-OXN	2021/22-3	Wet	3/28/2022 2:45:00 PM	4/7/2022 1:15:00 PM	Aluminum	Dissolved	=	27	µg/L	EPA 200.8	4.4	20	WKL	
MO-OXN	2021/22-3	Wet	3/28/2022 2:45:00 PM	4/7/2022 1:18:00 PM	Aluminum	Total	=	2200	µg/L	EPA 200.8	4.4	20	WKL	LB-MSR
MO-OXN	2021/22-3	Wet	3/28/2022 2:45:00 PM	4/7/2022 1:15:00 PM	Antimony	Dissolved	=	0.58	µg/L	EPA 200.8	0.089	0.5	WKL	
MO-OXN	2021/22-3	Wet	3/28/2022 2:45:00 PM	4/7/2022 1:18:00 PM	Antimony	Total	=	2.3	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-OXN	2021/22-3	Wet	3/28/2022 2:45:00 PM	4/7/2022 1:15:00 PM	Arsenic	Dissolved	=	0.57	µg/L	EPA 200.8	0.074	0.4	WKL	
MO-OXN	2021/22-3	Wet	3/28/2022 2:45:00 PM	4/7/2022 1:18:00 PM	Arsenic	Total	=	1.4	µg/L	EPA 200.8	0.074	0.4	WKL	
MO-OXN	2021/22-3	Wet	3/28/2022 2:45:00 PM	4/7/2022 1:18:00 PM	Barium	Total	=	51	µg/L	EPA 200.8	0.14	1	WKL	
MO-OXN	2021/22-3	Wet	3/28/2022 2:45:00 PM	4/7/2022 1:15:00 PM	Beryllium	Dissolved	<	0.062	µg/L	EPA 200.8	0.062	0.1	WKL	
MO-OXN	2021/22-3	Wet	3/28/2022 2:45:00 PM	4/7/2022 1:18:00 PM	Beryllium	Total	DNQ	0.09	µg/L	EPA 200.8	0.029	0.1	WKL	
MO-OXN	2021/22-3	Wet	3/28/2022 2:45:00 PM	4/7/2022 1:15:00 PM	Cadmium	Dissolved	<	0.042	µg/L	EPA 200.8	0.042	0.2	WKL	
MO-OXN	2021/22-3	Wet	3/28/2022 2:45:00 PM	4/7/2022 1:18:00 PM	Cadmium	Total	=	0.25	µg/L	EPA 200.8	0.042	0.2	WKL	
MO-OXN	2021/22-3	Wet	3/28/2022 2:45:00 PM	4/7/2022 1:15:00 PM	Chromium	Dissolved	=	1.1	µg/L	EPA 200.8	0.089	0.2	WKL	
MO-OXN	2021/22-3	Wet	3/28/2022 2:45:00 PM	4/7/2022 1:18:00 PM	Chromium	Total	=	5.5	µg/L	EPA 200.8	0.089	0.2	WKL	
MO-OXN	2021/22-3	Wet	3/28/2022 2:45:00 PM	4/6/2022 4:50:00 PM	Chromium VI	n/a	=	0.86	µg/L	EPA 218.6	0.0079	0.02	WKL	
MO-OXN	2021/22-3	Wet	3/28/2022 2:45:00 PM	4/7/2022 1:15:00 PM	Copper	Dissolved	=	6.7	µg/L	EPA 200.8	0.23	0.5	WKL	
MO-OXN	2021/22-3	Wet	3/28/2022 2:45:00 PM	4/7/2022 1:18:00 PM	Copper	Total	=	23	µg/L	EPA 200.8	0.23	0.5	WKL	
MO-OXN	2021/22-3	Wet	3/28/2022 2:45:00 PM	4/7/2022 1:15:00 PM	Iron	Dissolved	=	46	µg/L	EPA 200.8	3.9	20	WKL	
MO-OXN	2021/22-3	Wet	3/28/2022 2:45:00 PM	4/7/2022 1:18:00 PM	Iron	Total	=	3100	µg/L	EPA 200.8	3.9	20	WKL	
MO-OXN	2021/22-3	Wet	3/28/2022 2:45:00 PM	4/7/2022 1:15:00 PM	Lead	Dissolved	=	0.27	µg/L	EPA 200.8	0.083	0.2	WKL	UL-MB
MO-OXN	2021/22-3	Wet	3/28/2022 2:45:00 PM	4/7/2022 1:18:00 PM	Lead	Total	=	7.4	µg/L	EPA 200.8	0.083	0.2	WKL	
MO-OXN	2021/22-3	Wet	3/28/2022 2:45:00 PM	3/31/2022 11:54:00 AM	Mercury	Dissolved	<	17	ng/L	EPA 245.1	17	50	WKL	
MO-OXN	2021/22-3	Wet	3/28/2022 2:45:00 PM	3/31/2022 11:56:00 AM	Mercury	Total	DNQ	42	ng/L	EPA 245.1	17	50	WKL	
MO-OXN	2021/22-3	Wet	3/28/2022 2:45:00 PM	4/7/2022 1:15:00 PM	Nickel	Dissolved	DNQ	1.9	µg/L	EPA 200.8	0.16	2	WKL	UL-MB
MO-OXN	2021/22-3	Wet	3/28/2022 2:45:00 PM	4/7/2022 1:18:00 PM	Nickel	Total	=	6.1	µg/L	EPA 200.8	0.16	2	WKL	
MO-OXN	2021/22-3	Wet	3/28/2022 2:45:00 PM	4/7/2022 1:15:00 PM	Selenium	Dissolved	DNQ	0.19	µg/L	EPA 200.8	0.067	0.4	WKL	
MO-OXN	2021/22-3	Wet	3/28/2022 2:45:00 PM	4/7/2022 1:18:00 PM	Selenium	Total	DNQ	0.27	µg/L	EPA 200.8	0.067	0.4	WKL	
MO-OXN	2021/22-3	Wet	3/28/2022 2:45:00 PM	4/7/2022 1:15:00 PM	Silver	Dissolved	<	0.03	µg/L	EPA 200.8	0.03	0.2	WKL	
MO-OXN	2021/22-3	Wet	3/28/2022 2:45:00 PM	4/7/2022 1:18:00 PM	Silver	Total	<	0.13	µg/L	EPA 200.8	0.13	0.2	WKL	
MO-OXN	2021/22-3	Wet	3/28/2022 2:45:00 PM	4/7/2022 1:15:00 PM	Thallium	Dissolved	<	0.021	µg/L	EPA 200.8	0.021	0.2	WKL	
MO-OXN	2021/22-3	Wet	3/28/2022 2:45:00 PM	4/7/2022 1:18:00 PM	Thallium	Total	DNQ	0.032	µg/L	EPA 200.8	0.021	0.2	WKL	
MO-OXN	2021/22-3	Wet	3/28/2022 2:45:00 PM	4/7/2022 1:15:00 PM	Zinc	Dissolved	=	43	µg/L	EPA 200.8	0.8	10	WKL	
MO-OXN	2021/22-3	Wet	3/28/2022 2:45:00 PM	4/7/2022 1:18:00 PM	Zinc	Total	=	160	µg/L	EPA 200.8	1.7	10	WKL	
MO-OXN	2021/22-3	Wet	3/28/2022 2:45:00 PM	4/4/2022 4:37:00 PM	Ammonia as N	n/a	=	0.38	mg/L	EPA 350.1	0.017	0.1	WKL	
MO-OXN	2021/22-3	Wet	3/28/2022 2:45:00 PM	4/9/2022 3:07:00 PM	Nitrate + Nitrite as N	n/a	=	0.39	mg/L	EPA 353.2	0.036	0.2	WKL	
MO-OXN	2021/22-3	Wet	3/28/2022 2:45:00 PM	4/7/2022 7:12:00 PM	Phosphorus as P	Dissolved	=	0.21	mg/L	EPA 200.7	0.018	0.05	WKL	
MO-OXN	2021/22-3	Wet	3/28/2022 2:45:00 PM	4/7/2022 7:15:00 PM	Phosphorus as P	Total	=	0.41	mg/L	EPA 200.7	0.018	0.05	WKL	
MO-OXN	2021/22-3	Wet	3/28/2022 2:45:00 PM	4/6/2022 4:50:00 PM	TKN	n/a	=	1.8	mg/L	EPA 351.2	0.13	0.2	WKL	
MO-OXN	2021/22-3	Wet	3/28/2022 2:45:00 PM	4/28/2022 6:31:00 AM	1,2,4-Trichlorobenzene	n/a	<	2.4	µg/L	EPA 625.1	2.4	5	WKL	
MO-OXN	2021/22-3	Wet	3/28/2022 2:45:00 PM	4/28/2022 6:31:00 AM	1,2-Dichlorobenzene	n/a	<	2.3	µg/L	EPA 625.1	2.3	5	WKL	
MO-OXN	2021/22-3	Wet	3/28/2022 2:45:00 PM	4/28/2022 6:31:00 AM	1,2-Diphenylhydrazine	n/a	<	1.5	µg/L	EPA 625.1	1.5	5	WKL	
MO-OXN	2021/22-3	Wet	3/28/2022 2:45:00 PM	4/28/2022 6:31:00 AM	1,3-Dichlorobenzene	n/a	<	2.1	µg/L	EPA 625.1	2.1	5	WKL	
MO-OXN	2021/22-3	Wet	3/28/2022 2:45:00 PM	4/28/2022 6:31:00 AM	1,4-Dichlorobenzene	n/a	<	2.4	µg/L	EPA 625.1	2.4	5	WKL	
MO-OXN	2021/22-3	Wet	3/28/2022 2:45:00 PM	4/20/2022 1:16:00 PM	1-Methylnaphthalene	n/a	<	0.12	µg/L	EPA 8270C	0.12	0.5	WKL	
MO-OXN	2021/22-3	Wet	3/28/2022 2:45:00 PM	4/29/2022 11:02:00 AM	2,4,5-Trichlorophenol	n/a	<	1.4	µg/L	EPA 8270C	1.4	5	WKL	
MO-OXN	2021/22-3	Wet	3/28/2022 2:45:00 PM	4/29/2022 11:02:00 AM	2,4,6-Trichlorophenol	n/a	<	1.5	µg/L	EPA 8270C	1.5	5	WKL	
MO-OXN	2021/22-3	Wet	3/28/2022 2:45:00 PM	4/28/2022 6:31:00 AM	2,4,6-Trichlorophenol	n/a	<	1.1	µg/L	EPA 625.1	1.1	5	WKL	
MO-OXN	2021/22-3	Wet	3/28/2022 2:45:00 PM	4/29/2022 11:02:00 AM	2,4-Dichlorophenol	n/a	<	2.6	µg/L	EPA 8270C	2.6	5	WKL	
MO-OXN	2021/22-3	Wet	3/28/2022 2:45:00 PM	4/28/2022 6:31:00 AM	2,4-Dichlorophenol	n/a	<	1.3	µg/L	EPA 625.1	1.3	5	WKL	
MO-OXN	2021/22-3	Wet	3/28/2022 2:45:00 PM	4/29/2022 11:02:00 AM	2,4-Dimethylphenol	n/a	<	5	µg/L	EPA 8270C	5	10	WKL	
MO-OXN	2021/22-3	Wet	3/28/2022 2:45:00 PM	4/28/2022 6:31:00 AM	2,4-Dimethylphenol	n/a	<	3.8	µg/L	EPA 625.1	3.8	5	WKL	
MO-OXN	2021/22-3	Wet	3/28/2022 2:45:00 PM	4/29/2022 11:02:00 AM	2,4-Dinitrophenol	n/a	<	5	µg/L	EPA 8270C	5	10	WKL	
MO-OXN	2021/22-3	Wet	3/28/2022 2:45:00 PM	4/28/2022 6:31:00 AM	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-OXN	2021/22-3	Wet	3/28/2022 2:45:00 PM	4/28/2022 6:31:00 AM	2,4-Dinitrotoluene	n/a	<	2.3	µg/L	EPA 625.1	2.3	5	WKL	
MO-OXN	2021/22-3	Wet	3/28/2022 2:45:00 PM	4/28/2022 6:31:00 AM	2,6-Dinitrotoluene	n/a	<	1.4	µg/L	EPA 625.1	1.4	5	WKL	
MO-OXN	2021/22-3	Wet	3/28/2022 2:45:00 PM	4/28/2022 6:31:00 AM	2-Chloronaphthalene	n/a	<	2.2	µg/L	EPA 625.1	2.2	5	WKL	
MO-OXN	2021/22-3	Wet	3/28/2022 2:45:00 PM	4/28/2022 6:31:00 AM	2-Chlorophenol	n/a	<	1.4	µg/L	EPA 625.1	1.4	5	WKL	
MO-OXN	2021/22-3	Wet	3/28/2022 2:45:00 PM	4/29/2022 11:02:00 AM	2-Chlorophenol	n/a	<	3.2	µg/L	EPA 8270C	3.2	5	WKL	
MO-OXN	2021/22-3	Wet	3/28/2022 2:45:00 PM	4/20/2022 1:16:00 PM	2-Methylnaphthalene	n/a	<	0.13	µg/L	EPA 8270C	0.13	0.5	WKL	
MO-OXN	2021/22-3	Wet	3/28/2022 2:45:00 PM	4/29/2022 11:02:00 AM	2-Methylphenol	n/a	<	1.7	µg/L	EPA 8270C	1.7	5	WKL	
MO-OXN	2021/22-3	Wet	3/28/2022 2:45:00 PM	4/28/2022 6:31:00 AM	2-Nitrophenol	n/a	<	1.3	µg/L	EPA 625.1	1.3	5	WKL	
MO-OXN	2021/22-3	Wet	3/28/2022 2:45:00 PM	4/29/2022 11:02:00 AM	2-Nitrophenol	n/a	<	3.6	µg/L	EPA 8270C	3.6	5	WKL	
MO-OXN	2021/22-3	Wet	3/28/2022 2:45:00 PM	4/28/2022 6:31:00 AM	3,3'-Dichlorobenzidine	n/a	<	12	µg/L	EPA 625.1	12	25	WKL	
MO-OXN	2021/22-3	Wet	3/28/2022 2:45:00 PM	4/29/2022 11:02:00 AM	3-4-Methylphenol	n/a	<	1.5	µg/L	EPA 8270C	1.5	5	WKL	
MO-OXN	2021/22-3	Wet	3/28/2022 2:45:00 PM	4/29/2022 11:02:00 AM	4,6-Dinitro-2-methylphenol	n/a	<	0.7	µg/L	EPA 8270C	0.7	5	WKL	
MO-OXN	2021/22-3	Wet	3/28/2022 2:45:00 PM	4/28/2022 6:31:00 AM	4,6-Dinitro-2-methylphenol	n/a	<	2.5	µg/L	EPA 625.1	2.5	25	WKL	
MO-OXN	2021/22-3	Wet	3/28/2022 2:45:00 PM	4/28/2022 6:31:00 AM	4-Bromophenyl phenyl ether	n/a	<	1.8	µg/L	EPA 625.1	1.8	5	WKL	
MO-OXN	2021/22-3	Wet	3/28/2022 2:45:00 PM	4/29/2022 11:02:00 AM	4-Chloro-3-methylphenol	n/a	<	1.8	µg/L	EPA 8270C	1.8	5	WKL	
MO-OXN	2021/22-3	Wet	3/28/2022 2:45:00 PM	4/28/2022 6:31:00 AM	4-Chloro-3-methylphenol	n/a	<	1.2	µg/L	EPA 625.1	1.2	5	WKL	
MO-OXN	2021/22-3	Wet	3/28/2022 2:45:00 PM	4/28/2022 6:31:00 AM	4-Chlorophenyl phenyl ether	n/a	<	2	µg/L	EPA 625.1	2	5	WKL	
MO-OXN	2021/22-3	Wet	3/28/2022 2:45:00 PM	4/28/2022 6:31:00 AM	4-Nitrophenol	n/a	<	6.2	µg/L	EPA 625.1	6.2	25	WKL	
MO-OXN	2021/22-3	Wet	3/28/2022 2:45:00 PM	4/29/2022 11:02:00 AM	4-Nitrophenol	n/a	<	5	µg/L	EPA 8270C	5	10	WKL	
MO-OXN	2021/22-3	Wet	3/28/2022 2:45:00 PM	4/28/2022 6:31:00 AM	Acenaphthene	n/a	<	1.9	µg/L	EPA 625.1	1.9	5	WKL	
MO-OXN	2021/22-3	Wet	3/28/2022 2:45:00 PM	4/20/2022 1:16:00 PM	Acenaphthene	n/a	<	0.14	µg/L	EPA 8270C	0.14	0.5	WKL	
MO-OXN	2021/22-3	Wet	3/28/2022 2:45:00 PM	4/20/2022 1:16:00 PM	Acenaphthylene	n/a	<	0.16	µg/L	EPA 8270C	0.16	0.5	WKL	
MO-OXN	2021/22-3	Wet	3/28/2022 2:45:00 PM	4/28/2022 6:31:00 AM	Acenaphthylene	n/a	<	1.8	µg/L	EPA 625.1	1.8	5	WKL	
MO-OXN	2021/22-3	Wet	3/28/2022 2:45:00 PM	4/28/2022 6:31:00 AM	Anthracene	n/a	<	2	µg/L	EPA 625.1	2	5	WKL	
MO-OXN	2021/22-3	Wet	3/28/2022 2:45:00 PM	4/20/2022 1:16:00 PM	Anthracene	n/a	DNQ	0.13	µg/L	EPA 8270C	0.12	0.5	WKL	
MO-OXN	2021/22-3	Wet	3/28/2022 2:45:00 PM	4/20/2022 1:16:00 PM	Benz(a)anthracene	n/a	<	0.26	µg/L	EPA 8270C	0.26	0.5	WKL	
MO-OXN	2021/22-3	Wet	3/28/2022 2:45:00 PM	4/28/2022 6:31:00 AM	Benz(a)anthracene	n/a	<	0.95	µg/L	EPA 625.1	0.95	5	WKL	
MO-OXN	2021/22-3	Wet	3/28/2022 2:45:00 PM	4/28/2022 6:31:00 AM	Ben-zidine	n/a	<	16	µg/L	EPA 625.1	16	50	WKL	
MO-OXN	2021/22-3	Wet	3/28/2022 2:45:00 PM	4/28/2022 6:31:00 AM	Benzo(a)pyrene	n/a	<	2	µg/L	EPA 625.1	2	5	WKL	
MO-OXN	2021/22-3	Wet	3/28/2022 2:45:00 PM	4/1/2022 1:27:00 AM	Benzo(a)pyrene	n/a	<	0.1	µg/L	EPA 525.2	0.1	0.5	WKL	
MO-OXN	2021/22-3	Wet	3/28/2022 2:45:00 PM	4/20/2022 1:16:00 PM	Benzo(a)pyrene	n/a	DNQ	0.27	µg/L	EPA 8270C	0.26	0.5	WKL	
MO-OXN	2021/22-3	Wet	3/28/2022 2:45:00 PM	4/28/2022 6:31:00 AM	Benzo(b)fluoranthene	n/a	<	2.3	µg/L	EPA 625.1	2.3	5	WKL	
MO-OXN	2021/22-3	Wet	3/28/2022 2:45:00 PM	4/20/2022 1:16:00 PM	Benzo(b)fluoranthene	n/a	<	0.37	µg/L	EPA 8270C	0.37	0.5	WKL	
MO-OXN	2021/22-3	Wet	3/28/2022 2:45:00 PM	4/28/2022 6:31:00 AM	Benzo(g,h,i)perylene	n/a	<	2.1	µg/L	EPA 625.1	2.1	10	WKL	
MO-OXN	2021/22-3	Wet	3/28/2022 2:45:00 PM	4/20/2022 1:16:00 PM	Benzo(g,h,i)perylene	n/a	DNQ	0.27	µg/L	EPA 8270C	0.25	0.5	WKL	
MO-OXN	2021/22-3	Wet	3/28/2022 2:45:00 PM	4/28/2022 6:31:00 AM	Benzo(k)fluoranthene	n/a	<	1.1	µg/L	EPA 625.1	1.1	5	WKL	
MO-OXN	2021/22-3	Wet	3/28/2022 2:45:00 PM	4/20/2022 1:16:00 PM	Benzo(k)fluoranthene	n/a	DNQ	0.2	µg/L	EPA 8270C	0.13	0.5	WKL	UL-MB
MO-OXN	2021/22-3	Wet	3/28/2022 2:45:00 PM	4/28/2022 6:31:00 AM	Bis(2-chloroethoxy)methane	n/a	<	1.2	µg/L	EPA 625.1	1.2	5	WKL	
MO-OXN	2021/22-3	Wet	3/28/2022 2:45:00 PM	4/28/2022 6:31:00 AM	Bis(2-chloroethyl)ether	n/a	<	1.4	µg/L	EPA 625.1	1.4	5	WKL	
MO-OXN	2021/22-3	Wet	3/28/2022 2:45:00 PM	4/28/2022 6:31:00 AM	Bis(2-chloroisopropyl)ether	n/a	<	1.9	µg/L	EPA 625.1	1.9	5	WKL	
MO-OXN	2021/22-3	Wet	3/28/2022 2:45:00 PM	4/1/2022 1:27:00 AM	Bis(2-ethylhexyl)adipate	n/a	<	2.1	µg/L	EPA 525.2	2.1	25	WKL	
MO-OXN	2021/22-3	Wet	3/28/2022 2:45:00 PM	4/28/2022 6:31:00 AM	Bis(2-ethylhexyl)phthalate	n/a	<	12	µg/L	EPA 625.1	12	25	WKL	
MO-OXN	2021/22-3	Wet	3/28/2022 2:45:00 PM	4/1/2022 1:27:00 AM	Bis(2-ethylhexyl)phthalate	n/a	<	2	µg/L	EPA 525.2	2	15	WKL	
MO-OXN	2021/22-3	Wet	3/28/2022 2:45:00 PM	4/28/2022 6:31:00 AM	Butyl benzyl phthalate	n/a	<	2.5	µg/L	EPA 625.1	2.5	5	WKL	
MO-OXN	2021/22-3	Wet	3/28/2022 2:45:00 PM	4/28/2022 6:31:00 AM	Chrysene	n/a	<	0.95	µg/L	EPA 625.1	0.95	5	WKL	
MO-OXN	2021/22-3	Wet	3/28/2022 2:45:00 PM	4/20/2022 1:16:00 PM	Chrysene	n/a	<	0.37	µg/L	EPA 8270C	0.37	0.5	WKL	
MO-OXN	2021/22-3	Wet	3/28/2022 2:45:00 PM	4/28/2022 6:31:00 AM	Dibenz(a,h)anthracene	n/a	<	0.75	µg/L	EPA 625.1	0.75	10	WKL	
MO-OXN	2021/22-3	Wet	3/28/2022 2:45:00 PM	4/20/2022 1:16:00 PM	Dibenz(a,h)anthracene	n/a	DNQ	0.3	µg/L	EPA 8270C	0.18	0.5	WKL	UL-MB

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-OXN	2021/22-3	Wet	3/28/2022 2:45:00 PM	4/28/2022 6:31:00 AM	Diethyl phthalate	n/a	<	1.7	µg/L	EPA 625.1	1.7	5	WKL	
MO-OXN	2021/22-3	Wet	3/28/2022 2:45:00 PM	4/28/2022 6:31:00 AM	Dimethyl phthalate	n/a	<	0.9	µg/L	EPA 625.1	0.9	5	WKL	
MO-OXN	2021/22-3	Wet	3/28/2022 2:45:00 PM	4/28/2022 6:31:00 AM	Di-n-butylphthalate	n/a	<	1.7	µg/L	EPA 625.1	1.7	5	WKL	
MO-OXN	2021/22-3	Wet	3/28/2022 2:45:00 PM	4/28/2022 6:31:00 AM	Di-n-octylphthalate	n/a	<	2.3	µg/L	EPA 625.1	2.3	5	WKL	
MO-OXN	2021/22-3	Wet	3/28/2022 2:45:00 PM	4/28/2022 6:31:00 AM	Fluoranthene	n/a	<	1.7	µg/L	EPA 625.1	1.7	5	WKL	
MO-OXN	2021/22-3	Wet	3/28/2022 2:45:00 PM	4/20/2022 1:16:00 PM	Fluoranthene	n/a	DNQ	0.2	µg/L	EPA 8270C	0.2	0.5	WKL	
MO-OXN	2021/22-3	Wet	3/28/2022 2:45:00 PM	4/20/2022 1:16:00 PM	Fluorene	n/a	<	0.14	µg/L	EPA 8270C	0.14	0.5	WKL	
MO-OXN	2021/22-3	Wet	3/28/2022 2:45:00 PM	4/28/2022 6:31:00 AM	Fluorene	n/a	<	1.8	µg/L	EPA 625.1	1.8	5	WKL	
MO-OXN	2021/22-3	Wet	3/28/2022 2:45:00 PM	4/28/2022 6:31:00 AM	Hexachlorobenzene	n/a	<	2.4	µg/L	EPA 625.1	2.4	5	WKL	
MO-OXN	2021/22-3	Wet	3/28/2022 2:45:00 PM	4/28/2022 6:31:00 AM	Hexachlorobutadiene	n/a	<	2.4	µg/L	EPA 625.1	2.4	5	WKL	
MO-OXN	2021/22-3	Wet	3/28/2022 2:45:00 PM	4/1/2022 1:27:00 AM	Hexachlorocyclopentadiene	n/a	<	0.46	µg/L	EPA 525.2	0.46	5	WKL	
MO-OXN	2021/22-3	Wet	3/28/2022 2:45:00 PM	4/28/2022 6:31:00 AM	Hexachlorocyclopentadiene	n/a	<	1.6	µg/L	EPA 625.1	1.6	25	WKL	
MO-OXN	2021/22-3	Wet	3/28/2022 2:45:00 PM	4/28/2022 6:31:00 AM	Hexachloroethane	n/a	<	2.5	µg/L	EPA 625.1	2.5	5	WKL	
MO-OXN	2021/22-3	Wet	3/28/2022 2:45:00 PM	4/20/2022 1:16:00 PM	Indeno(1,2,3-cd)pyrene	n/a	<	0.32	µg/L	EPA 8270C	0.32	0.5	WKL	
MO-OXN	2021/22-3	Wet	3/28/2022 2:45:00 PM	4/28/2022 6:31:00 AM	Indeno(1,2,3-cd)pyrene	n/a	<	1.2	µg/L	EPA 625.1	1.2	10	WKL	
MO-OXN	2021/22-3	Wet	3/28/2022 2:45:00 PM	4/28/2022 6:31:00 AM	Isophorone	n/a	<	1	µg/L	EPA 625.1	1	5	WKL	
MO-OXN	2021/22-3	Wet	3/28/2022 2:45:00 PM	4/20/2022 1:16:00 PM	Naphthalene	n/a	<	0.13	µg/L	EPA 8270C	0.13	0.5	WKL	
MO-OXN	2021/22-3	Wet	3/28/2022 2:45:00 PM	4/28/2022 6:31:00 AM	Naphthalene	n/a	<	2.4	µg/L	EPA 625.1	2.4	5	WKL	
MO-OXN	2021/22-3	Wet	3/28/2022 2:45:00 PM	4/28/2022 6:31:00 AM	Nitrobenzene	n/a	<	1.8	µg/L	EPA 625.1	1.8	5	WKL	
MO-OXN	2021/22-3	Wet	3/28/2022 2:45:00 PM	4/28/2022 6:31:00 AM	N-Nitrosodimethylamine	n/a	<	2.5	µg/L	EPA 625.1	2.5	5	WKL	
MO-OXN	2021/22-3	Wet	3/28/2022 2:45:00 PM	4/28/2022 6:31:00 AM	N-Nitrosodi-N-propylamine	n/a	<	1.3	µg/L	EPA 625.1	1.3	5	WKL	
MO-OXN	2021/22-3	Wet	3/28/2022 2:45:00 PM	4/28/2022 6:31:00 AM	N-Nitrosodiphenylamine	n/a	<	0.95	µg/L	EPA 625.1	0.95	5	WKL	
MO-OXN	2021/22-3	Wet	3/28/2022 2:45:00 PM	4/20/2022 1:16:00 PM	Phenanthrene	n/a	<	0.14	µg/L	EPA 8270C	0.14	0.5	WKL	
MO-OXN	2021/22-3	Wet	3/28/2022 2:45:00 PM	4/28/2022 6:31:00 AM	Phenanthrene	n/a	<	1.6	µg/L	EPA 625.1	1.6	5	WKL	
MO-OXN	2021/22-3	Wet	3/28/2022 2:45:00 PM	4/28/2022 6:31:00 AM	Phenol	n/a	<	4.1	µg/L	EPA 625.1	4.1	5	WKL	
MO-OXN	2021/22-3	Wet	3/28/2022 2:45:00 PM	4/29/2022 11:02:00 AM	Phenol	n/a	<	1.8	µg/L	EPA 8270C	1.8	5	WKL	
MO-OXN	2021/22-3	Wet	3/28/2022 2:45:00 PM	4/20/2022 1:16:00 PM	Pyrene	n/a	DNQ	0.2	µg/L	EPA 8270C	0.2	0.5	WKL	
MO-OXN	2021/22-3	Wet	3/28/2022 2:45:00 PM	4/28/2022 6:31:00 AM	Pyrene	n/a	<	1.2	µg/L	EPA 625.1	1.2	5	WKL	
MO-OXN	2021/22-3	Wet	3/28/2022 2:45:00 PM	4/10/2022 5:46:00 AM	PCB Aroclor 1016	n/a	<	5	µg/L	EPA 608.3	5	5	WKL	
MO-OXN	2021/22-3	Wet	3/28/2022 2:45:00 PM	4/10/2022 5:46:00 AM	PCB Aroclor 1221	n/a	<	5	µg/L	EPA 608.3	5	5	WKL	
MO-OXN	2021/22-3	Wet	3/28/2022 2:45:00 PM	4/10/2022 5:46:00 AM	PCB Aroclor 1232	n/a	<	5	µg/L	EPA 608.3	5	5	WKL	
MO-OXN	2021/22-3	Wet	3/28/2022 2:45:00 PM	4/10/2022 5:46:00 AM	PCB Aroclor 1242	n/a	<	5	µg/L	EPA 608.3	5	5	WKL	
MO-OXN	2021/22-3	Wet	3/28/2022 2:45:00 PM	4/10/2022 5:46:00 AM	PCB Aroclor 1248	n/a	<	5	µg/L	EPA 608.3	5	5	WKL	
MO-OXN	2021/22-3	Wet	3/28/2022 2:45:00 PM	4/10/2022 5:46:00 AM	PCB Aroclor 1254	n/a	<	5	µg/L	EPA 608.3	5	5	WKL	
MO-OXN	2021/22-3	Wet	3/28/2022 2:45:00 PM	4/10/2022 5:46:00 AM	PCB Aroclor 1260	n/a	<	5	µg/L	EPA 608.3	5	5	WKL	
MO-OXN	2021/22-3	Wet	3/28/2022 2:45:00 PM	4/1/2022 7:40:00 AM	2,4,5-T	n/a	<	0.4	µg/L	EPA 515.4	0.4	0.4	WKL	
MO-OXN	2021/22-3	Wet	3/28/2022 2:45:00 PM	4/1/2022 7:40:00 AM	2,4,5-TP	n/a	<	0.026	µg/L	EPA 515.4	0.026	0.2	WKL	
MO-OXN	2021/22-3	Wet	3/28/2022 2:45:00 PM	4/1/2022 7:40:00 AM	2,4-D	n/a	=	0.8	µg/L	EPA 515.4	0.14	0.4	WKL	
MO-OXN	2021/22-3	Wet	3/28/2022 2:45:00 PM	4/1/2022 7:40:00 AM	2,4-DB	n/a	<	2	µg/L	EPA 515.4	2	2	WKL	
MO-OXN	2021/22-3	Wet	3/28/2022 2:45:00 PM	4/1/2022 7:40:00 AM	3,5-Dichlorobenzoic acid	n/a	<	1	µg/L	EPA 515.4	1	1	WKL	
MO-OXN	2021/22-3	Wet	3/28/2022 2:45:00 PM	4/10/2022 5:46:00 AM	4,4'-DDD	n/a	<	0.007	µg/L	EPA 608.3	0.007	0.5	WKL	
MO-OXN	2021/22-3	Wet	3/28/2022 2:45:00 PM	4/10/2022 5:46:00 AM	4,4'-DDE	n/a	DNQ	0.013	µg/L	EPA 608.3	0.007	0.5	WKL	
MO-OXN	2021/22-3	Wet	3/28/2022 2:45:00 PM	4/10/2022 5:46:00 AM	4,4'-DDT	n/a	<	0.011	µg/L	EPA 608.3	0.011	0.1	WKL	
MO-OXN	2021/22-3	Wet	3/28/2022 2:45:00 PM	4/1/2022 7:40:00 AM	Acifluorfen	n/a	<	0.4	µg/L	EPA 515.4	0.4	0.4	WKL	
MO-OXN	2021/22-3	Wet	3/28/2022 2:45:00 PM	4/1/2022 1:27:00 AM	Alachlor	n/a	<	0.15	µg/L	EPA 525.2	0.15	0.5	WKL	
MO-OXN	2021/22-3	Wet	3/28/2022 2:45:00 PM	4/10/2022 5:46:00 AM	Aldrin	n/a	<	0.01	µg/L	EPA 608.3	0.01	0.05	WKL	
MO-OXN	2021/22-3	Wet	3/28/2022 2:45:00 PM	4/10/2022 5:46:00 AM	alpha-BHC	n/a	<	0.011	µg/L	EPA 608.3	0.011	0.1	WKL	
MO-OXN	2021/22-3	Wet	3/28/2022 2:45:00 PM	4/10/2022 5:46:00 AM	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-OXN	2021/22-3	Wet	3/28/2022 2:45:00 PM	4/1/2022 1:27:00 AM	Atrazine	n/a	<	0.054	µg/L	EPA 525.2	0.054	0.5	WKL	
MO-OXN	2021/22-3	Wet	3/28/2022 2:45:00 PM	4/1/2022 10:48:00 AM	Azinphos methyl	n/a	<	0.011	µg/L	EPA 625.1m	0.011	0.02	WKL	
MO-OXN	2021/22-3	Wet	3/28/2022 2:45:00 PM	4/1/2022 7:40:00 AM	Bentazon	n/a	<	0.23	µg/L	EPA 515.4	0.23	2	WKL	
MO-OXN	2021/22-3	Wet	3/28/2022 2:45:00 PM	4/10/2022 5:46:00 AM	beta-BHC	n/a	<	0.015	µg/L	EPA 608.3	0.015	0.05	WKL	
MO-OXN	2021/22-3	Wet	3/28/2022 2:45:00 PM	4/1/2022 10:48:00 PM	Bolstar	n/a	<	0.0092	µg/L	EPA 625.1m	0.0092	0.02	WKL	
MO-OXN	2021/22-3	Wet	3/28/2022 2:45:00 PM	4/1/2022 1:27:00 AM	Bromacil	n/a	<	0.35	µg/L	EPA 525.2	0.35	2.5	WKL	
MO-OXN	2021/22-3	Wet	3/28/2022 2:45:00 PM	4/1/2022 1:27:00 AM	Butachlor	n/a	<	0.061	µg/L	EPA 525.2	0.061	0.5	WKL	
MO-OXN	2021/22-3	Wet	3/28/2022 2:45:00 PM	4/1/2022 1:27:00 AM	Captan	n/a	<	1.6	µg/L	EPA 525.2	1.6	5	WKL	
MO-OXN	2021/22-3	Wet	3/28/2022 2:45:00 PM	4/10/2022 5:46:00 AM	Chlordane (technical)	n/a	<	0.43	µg/L	EPA 608.3	0.43	1	WKL	
MO-OXN	2021/22-3	Wet	3/28/2022 2:45:00 PM	4/1/2022 1:27:00 AM	Chlorpropham	n/a	<	0.2	µg/L	EPA 525.2	0.2	0.5	WKL	
MO-OXN	2021/22-3	Wet	3/28/2022 2:45:00 PM	4/1/2022 10:48:00 PM	Chlorpyrifos	n/a	<	0.014	µg/L	EPA 625.1m	0.014	0.02	WKL	
MO-OXN	2021/22-3	Wet	3/28/2022 2:45:00 PM	4/1/2022 10:48:00 PM	Coumaphos	n/a	<	0.01	µg/L	EPA 625.1m	0.01	0.02	WKL	
MO-OXN	2021/22-3	Wet	3/28/2022 2:45:00 PM	4/1/2022 7:40:00 AM	Dalapon	n/a	<	0.11	µg/L	EPA 515.4	0.11	0.4	WKL	
MO-OXN	2021/22-3	Wet	3/28/2022 2:45:00 PM	4/1/2022 10:48:00 AM	DCPA (Dacthal)	n/a	<	0.029	µg/L	EPA 515.4	0.029	0.1	WKL	
MO-OXN	2021/22-3	Wet	3/28/2022 2:45:00 PM	4/10/2022 5:46:00 AM	delta-BHC	n/a	<	0.019	µg/L	EPA 608.3	0.019	0.05	WKL	
MO-OXN	2021/22-3	Wet	3/28/2022 2:45:00 PM	4/1/2022 10:48:00 PM	Demeton-O	n/a	<	0.02	µg/L	EPA 625.1m	0.02	0.02	WKL	
MO-OXN	2021/22-3	Wet	3/28/2022 2:45:00 PM	4/1/2022 10:48:00 PM	Demeton-S	n/a	<	0.02	µg/L	EPA 625.1m	0.02	0.02	WKL	
MO-OXN	2021/22-3	Wet	3/28/2022 2:45:00 PM	4/1/2022 10:48:00 PM	Diazinon	n/a	<	0.01	µg/L	EPA 625.1m	0.01	0.02	WKL	
MO-OXN	2021/22-3	Wet	3/28/2022 2:45:00 PM	4/1/2022 1:27:00 AM	Diazinon	n/a	<	0.11	µg/L	EPA 525.2	0.11	0.5	WKL	
MO-OXN	2021/22-3	Wet	3/28/2022 2:45:00 PM	4/1/2022 7:40:00 AM	Dicamba	n/a	<	0.049	µg/L	EPA 515.4	0.049	0.6	WKL	
MO-OXN	2021/22-3	Wet	3/28/2022 2:45:00 PM	4/1/2022 7:40:00 AM	Dichlorprop	n/a	<	0.12	µg/L	EPA 515.4	0.12	0.3	WKL	
MO-OXN	2021/22-3	Wet	3/28/2022 2:45:00 PM	4/1/2022 10:48:00 PM	Dichlorvos	n/a	<	0.0058	µg/L	EPA 625.1m	0.0058	0.02	WKL	
MO-OXN	2021/22-3	Wet	3/28/2022 2:45:00 PM	4/10/2022 5:46:00 AM	Dieldrin	n/a	<	0.008	µg/L	EPA 608.3	0.008	0.1	WKL	
MO-OXN	2021/22-3	Wet	3/28/2022 2:45:00 PM	4/1/2022 1:27:00 AM	Dimethoate	n/a	<	0.1	µg/L	EPA 525.2	0.1	1	WKL	
MO-OXN	2021/22-3	Wet	3/28/2022 2:45:00 PM	4/1/2022 10:48:00 PM	Dimethoate	n/a	<	0.012	µg/L	EPA 625.1m	0.012	0.02	WKL	
MO-OXN	2021/22-3	Wet	3/28/2022 2:45:00 PM	4/1/2022 7:40:00 AM	Dinoseb	n/a	<	0.033	µg/L	EPA 515.4	0.033	0.4	WKL	
MO-OXN	2021/22-3	Wet	3/28/2022 2:45:00 PM	4/1/2022 1:27:00 AM	Diphenamid	n/a	<	0.15	µg/L	EPA 525.2	0.15	0.5	WKL	
MO-OXN	2021/22-3	Wet	3/28/2022 2:45:00 PM	4/1/2022 1:27:00 AM	Disulfoton	n/a	<	0.077	µg/L	EPA 525.2	0.077	0.5	WKL	
MO-OXN	2021/22-3	Wet	3/28/2022 2:45:00 PM	4/1/2022 10:48:00 PM	Disulfoton	n/a	<	0.02	µg/L	EPA 625.1m	0.02	0.02	WKL	
MO-OXN	2021/22-3	Wet	3/28/2022 2:45:00 PM	4/10/2022 5:46:00 AM	Endosulfan I	n/a	<	0.009	µg/L	EPA 608.3	0.009	0.2	WKL	
MO-OXN	2021/22-3	Wet	3/28/2022 2:45:00 PM	4/10/2022 5:46:00 AM	Endosulfan II	n/a	<	0.007	µg/L	EPA 608.3	0.007	0.1	WKL	
MO-OXN	2021/22-3	Wet	3/28/2022 2:45:00 PM	4/10/2022 5:46:00 AM	Endosulfan sulfate	n/a	<	0.013	µg/L	EPA 608.3	0.013	0.5	WKL	
MO-OXN	2021/22-3	Wet	3/28/2022 2:45:00 PM	4/10/2022 5:46:00 AM	Endrin	n/a	<	0.017	µg/L	EPA 608.3	0.017	0.1	WKL	
MO-OXN	2021/22-3	Wet	3/28/2022 2:45:00 PM	4/10/2022 5:46:00 AM	Endrin aldehyde	n/a	<	0.019	µg/L	EPA 608.3	0.019	0.1	WKL	
MO-OXN	2021/22-3	Wet	3/28/2022 2:45:00 PM	4/1/2022 1:27:00 AM	EPTC	n/a	<	0.1	µg/L	EPA 525.2	0.1	0.5	WKL	
MO-OXN	2021/22-3	Wet	3/28/2022 2:45:00 PM	4/1/2022 10:48:00 PM	Ethoprop	n/a	<	0.013	µg/L	EPA 625.1m	0.013	0.02	WKL	
MO-OXN	2021/22-3	Wet	3/28/2022 2:45:00 PM	4/1/2022 10:48:00 PM	Ethyl parathion	n/a	<	0.011	µg/L	EPA 625.1m	0.011	0.02	WKL	
MO-OXN	2021/22-3	Wet	3/28/2022 2:45:00 PM	4/1/2022 10:48:00 PM	Fensulfothion	n/a	<	0.0058	µg/L	EPA 625.1m	0.0058	0.02	WKL	
MO-OXN	2021/22-3	Wet	3/28/2022 2:45:00 PM	4/1/2022 10:48:00 PM	Fenthion	n/a	<	0.0076	µg/L	EPA 625.1m	0.0076	0.02	WKL	
MO-OXN	2021/22-3	Wet	3/28/2022 2:45:00 PM	4/10/2022 5:46:00 AM	gamma-BHC (Lindane)	n/a	<	0.004	µg/L	EPA 608.3	0.004	0.2	WKL	
MO-OXN	2021/22-3	Wet	3/28/2022 2:45:00 PM	4/10/2022 5:46:00 AM	gamma-Chlordane	n/a	<	0.023	µg/L	EPA 608.3	0.023	0.1	WKL	
MO-OXN	2021/22-3	Wet	3/28/2022 2:45:00 PM	4/4/2022 9:27:00 PM	Glyphosate	n/a	=	35	µg/L	EPA 547	1.8	5	WKL	
MO-OXN	2021/22-3	Wet	3/28/2022 2:45:00 PM	4/10/2022 5:46:00 AM	Heptachlor	n/a	<	0.006	µg/L	EPA 608.3	0.006	0.1	WKL	
MO-OXN	2021/22-3	Wet	3/28/2022 2:45:00 PM	4/10/2022 5:46:00 AM	Heptachlor epoxide	n/a	<	0.004	µg/L	EPA 608.3	0.004	0.1	WKL	
MO-OXN	2021/22-3	Wet	3/28/2022 2:45:00 PM	4/1/2022 10:48:00 PM	Malathion	n/a	=	0.14	µg/L	EPA 625.1m	0.015	0.02	WKL	
MO-OXN	2021/22-3	Wet	3/28/2022 2:45:00 PM	4/1/2022 10:48:00 PM	Merphos	n/a	<	0.012	µg/L	EPA 625.1m	0.012	0.02	WKL	
MO-OXN	2021/22-3	Wet	3/28/2022 2:45:00 PM	4/1/2022 10:48:00 PM	Methyl parathion	n/a	<	0.013	µg/L	EPA 625.1m	0.013	0.02	WKL	
MO-OXN	2021/22-3	Wet	3/28/2022 2:45:00 PM	4/1/2022 1:27:00 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-OXN	2021/22-3	Wet	3/28/2022 2:45:00 PM	4/1/2022 1:27:00 AM	Metribuzin	n/a	<	0.15	µg/L	EPA 525.2	0.15	0.5	WKL	
MO-OXN	2021/22-3	Wet	3/28/2022 2:45:00 PM	4/1/2022 10:48:00 PM	Mevinphos	n/a	<	0.0084	µg/L	EPA 625.1m	0.0084	0.02	WKL	
MO-OXN	2021/22-3	Wet	3/28/2022 2:45:00 PM	4/1/2022 1:27:00 AM	Molinate	n/a	<	0.15	µg/L	EPA 525.2	0.15	0.5	WKL	
MO-OXN	2021/22-3	Wet	3/28/2022 2:45:00 PM	4/1/2022 10:48:00 PM	Naled	n/a	<	0.015	µg/L	EPA 625.1m	0.015	0.02	WKL	
MO-OXN	2021/22-3	Wet	3/28/2022 2:45:00 PM	4/28/2022 6:31:00 AM	Pentachlorophenol	n/a	<	2	µg/L	EPA 625.1	2	5	WKL	
MO-OXN	2021/22-3	Wet	3/28/2022 2:45:00 PM	4/1/2022 7:40:00 AM	Pentachlorophenol	n/a	=	0.25	µg/L	EPA 515.4	0.046	0.2	WKL	
MO-OXN	2021/22-3	Wet	3/28/2022 2:45:00 PM	4/29/2022 11:02:00 AM	Pentachlorophenol	n/a	<	0.75	µg/L	EPA 8270C	0.75	5	WKL	
MO-OXN	2021/22-3	Wet	3/28/2022 2:45:00 PM	4/1/2022 10:48:00 PM	Phorate	n/a	<	0.006	µg/L	EPA 625.1m	0.006	0.02	WKL	
MO-OXN	2021/22-3	Wet	3/28/2022 2:45:00 PM	4/1/2022 7:40:00 AM	Picloram	n/a	<	0.6	µg/L	EPA 515.4	0.6	0.6	WKL	
MO-OXN	2021/22-3	Wet	3/28/2022 2:45:00 PM	4/1/2022 1:27:00 AM	Prometryn	n/a	DNQ	0.18	µg/L	EPA 525.2	0.15	0.5	WKL	
MO-OXN	2021/22-3	Wet	3/28/2022 2:45:00 PM	4/1/2022 10:48:00 PM	Ronnel (Fenchlorphos)	n/a	<	0.0082	µg/L	EPA 625.1m	0.0082	0.02	WKL	
MO-OXN	2021/22-3	Wet	3/28/2022 2:45:00 PM	4/1/2022 1:27:00 AM	Simazine	n/a	<	0.1	µg/L	EPA 525.2	0.1	0.5	WKL	
MO-OXN	2021/22-3	Wet	3/28/2022 2:45:00 PM	4/1/2022 10:48:00 PM	Stirophos (Tetrachlorvinphos)	n/a	<	0.0062	µg/L	EPA 625.1m	0.0062	0.02	WKL	
MO-OXN	2021/22-3	Wet	3/28/2022 2:45:00 PM	4/1/2022 1:27:00 AM	Terbacil	n/a	<	0.45	µg/L	EPA 525.2	0.45	10	WKL	
MO-OXN	2021/22-3	Wet	3/28/2022 2:45:00 PM	4/1/2022 1:27:00 AM	Thiobencarb	n/a	<	0.15	µg/L	EPA 525.2	0.15	0.5	WKL	
MO-OXN	2021/22-3	Wet	3/28/2022 2:45:00 PM	4/1/2022 10:48:00 PM	Tokuthion	n/a	<	0.016	µg/L	EPA 625.1m	0.016	0.02	WKL	
MO-OXN	2021/22-3	Wet	3/28/2022 2:45:00 PM	4/10/2022 5:46:00 AM	Toxaphene	n/a	<	5	µg/L	EPA 608.3	5	5	WKL	
MO-OXN	2021/22-3	Wet	3/28/2022 2:45:00 PM	4/1/2022 10:48:00 PM	Trichloronate	n/a	<	0.013	µg/L	EPA 625.1m	0.013	0.02	WKL	
MO-OXN	2021/22-3	Wet	3/28/2022 2:45:00 PM	4/1/2022 1:27:00 AM	Trithion	n/a	<	0.1	µg/L	EPA 525.2	0.1	0.5	WKL	
MO-SIM	2021/22-1	Wet	10/25/2021 1:20:00 PM	10/26/2021 1:35:00 PM	E. Coli	n/a	=	15531	MPN/100 mL	MMO-MUG	10	10	FGL	
MO-SIM	2021/22-1	Wet	10/25/2021 1:20:00 PM	10/26/2021 1:35:00 PM	Total Coliform	n/a	=	920800	MPN/100 mL	MMO-MUG	1000	1000	FGL	
MO-SIM	2021/22-1	Wet	10/25/2021 1:20:00 PM	10/25/2021 1:20:00 PM	Conductivity	n/a	=	290.8	µmhos/cm	Field Meter	-88	1	Field Crew	
MO-SIM	2021/22-1	Wet	10/25/2021 1:20:00 PM	10/28/2021 2:37:00 PM	Cyanide	Total	=	0.0021	mg/L	ASTM D7511	0.0012	0.002	WKL	
MO-SIM	2021/22-1	Wet	10/25/2021 1:20:00 PM	10/25/2021 1:20:00 PM	DO	n/a	=	80.2	%	Field Meter	-88	0.1	Field Crew	
MO-SIM	2021/22-1	Wet	10/25/2021 1:20:00 PM	10/25/2021 1:20:00 PM	DO	n/a	=	7.74	mg/L	Field Meter	-88	0.3	Field Crew	
MO-SIM	2021/22-1	Wet	10/25/2021 1:20:00 PM	10/25/2021 1:20:00 PM	pH	n/a	=	7.31	pH Units	Field Meter	-88	0.01	Field Crew	
MO-SIM	2021/22-1	Wet	10/25/2021 1:20:00 PM	10/25/2021 1:20:00 PM	Salinity	n/a	=	200	mg/L	Field Meter	-88	100	Field Crew	
MO-SIM	2021/22-1	Wet	10/25/2021 1:20:00 PM	10/25/2021 1:20:00 PM	Specific Conductance	n/a	=	345.5	µmhos/cm	Field Meter	-88	1	Field Crew	
MO-SIM	2021/22-1	Wet	10/25/2021 1:20:00 PM	10/25/2021 1:20:00 PM	Temperature	n/a	=	24	°C	Field Meter	-88	0.1	Field Crew	
MO-SIM	2021/22-1	Wet	10/25/2021 1:20:00 PM	10/31/2021 7:40:00 PM	Gasoline Range Organics	n/a	<	0.065	mg/L	EPA 8260B	0.065	0.1	WKL	
MO-SIM	2021/22-1	Wet	10/25/2021 1:20:00 PM	11/15/2021 5:14:00 PM	Oil and Grease	n/a	<	1.3	mg/L	EPA 1664B	1.3	5	WKL	
MO-SIM	2021/22-1	Wet	10/25/2021 1:20:00 PM	10/27/2021 3:52:00 PM	2-Chloroethyl vinyl ether	n/a	<	0.95	µg/L	EPA 624.1	0.95	5	WKL	DG
MO-SIM	2021/22-1	Wet	10/25/2021 1:20:00 PM	10/27/2021 3:52:00 PM	Methyl tert-butyl ether (MTBE)	n/a	<	2	µg/L	EPA 624.1	2	5	WKL	DG
MO-SIM	2021/22-1	Wet	10/25/2021 1:45:00 PM	11/13/2021 7:15:00 AM	Chloride	n/a	=	26	mg/L	EPA 300.0	0.38	1	WKL	
MO-SIM	2021/22-1	Wet	10/25/2021 1:45:00 PM	11/13/2021 7:15:00 AM	Fluoride	n/a	DNQ	0.19	mg/L	EPA 300.0	0.018	0.2	WKL	
MO-SIM	2021/22-1	Wet	10/25/2021 1:45:00 PM	10/31/2021 1:44:00 AM	Perchlorate	n/a	<	2	µg/L	EPA 314.0	2	10	WKL	
MO-SIM	2021/22-1	Wet	10/25/2021 1:45:00 PM	11/17/2021 7:43:00 PM	Calcium	Total	=	110	mg/L	EPA 200.7	0.16	0.5	WKL	
MO-SIM	2021/22-1	Wet	10/25/2021 1:45:00 PM	11/17/2021 7:43:00 PM	Magnesium	Total	=	16.9	mg/L	EPA 200.7	0.039	0.5	WKL	
MO-SIM	2021/22-1	Wet	10/25/2021 1:45:00 PM	10/29/2021 11:48:00 AM	Alkalinity as CaCO3	n/a	=	72	mg/L	SM 2320 B	2.3	5	WKL	
MO-SIM	2021/22-1	Wet	10/25/2021 1:45:00 PM	11/1/2021 12:43:00 PM	BOD	n/a	=	24	mg/L	SM 5210 B	2	2	WKL	
MO-SIM	2021/22-1	Wet	10/25/2021 1:45:00 PM	11/10/2021 11:22:00 AM	COD	n/a	=	91	mg/L	EPA 410.4	2.9	5	WKL	
MO-SIM	2021/22-1	Wet	10/25/2021 1:45:00 PM	11/17/2021 7:43:00 PM	Hardness as CaCO3	Total	=	345	mg/L	EPA 200.7	0.56	3.31	WKL	
MO-SIM	2021/22-1	Wet	10/25/2021 1:45:00 PM	10/26/2021 6:31:00 PM	MBAS	n/a	=	0.091	mg/L	SM 5540 C	0.013	0.05	WKL	
MO-SIM	2021/22-1	Wet	10/25/2021 1:45:00 PM	11/9/2021 11:58:00 AM	Phenolics	n/a	=	0.026	mg/L	EPA 420.4	0.0042	0.01	WKL	
MO-SIM	2021/22-1	Wet	10/25/2021 1:45:00 PM	10/30/2021 11:44:00 AM	Specific Conductance	n/a	=	530	µmhos/cm	SM 2510 B	1.1	2	WKL	
MO-SIM	2021/22-1	Wet	10/25/2021 1:45:00 PM	10/31/2021 10:10:00 AM	Total Dissolved Solids	n/a	=	360	mg/L	SM 2540 C	4	10	WKL	
MO-SIM	2021/22-1	Wet	10/25/2021 1:45:00 PM	11/5/2021 1:58:00 PM	Total Organic Carbon	n/a	=	21	mg/L	SM 5310 B	0.19	0.3	WKL	
MO-SIM	2021/22-1	Wet	10/25/2021 1:45:00 PM	10/28/2021 7:27:00 PM	Total Suspended Solids	n/a	=	1300	mg/L	SM 2540 D	-88	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	2021/22-1	Wet	10/25/2021 1:45:00 PM	10/26/2021 5:16:00 PM	Turbidity	n/a	=	47	NTU	EPA 180.1	0.17	1	WKL	
MO-SIM	2021/22-1	Wet	10/25/2021 1:45:00 PM	10/28/2021 7:07:00 PM	Volatile Suspended Solids	n/a	=	200	mg/L	EPA 160.4	3.1	5	WKL	
MO-SIM	2021/22-1	Wet	10/25/2021 1:45:00 PM	11/11/2021 1:01:00 AM	Diesel Range Organics	n/a	=	0.6	mg/L	EPA 8015B	0.064	0.2	WKL	
MO-SIM	2021/22-1	Wet	10/25/2021 1:45:00 PM	11/11/2021 1:01:00 AM	Oil Range Organics	n/a	<	0.66	mg/L	EPA 8015B	0.66	1	WKL	
MO-SIM	2021/22-1	Wet	10/25/2021 1:45:00 PM	11/12/2021 6:20:00 PM	Aluminum	Dissolved	=	20	µg/L	EPA 200.8	4.4	20	WKL	
MO-SIM	2021/22-1	Wet	10/25/2021 1:45:00 PM	11/12/2021 6:23:00 PM	Aluminum	Total	=	6400	µg/L	EPA 200.8	4.4	20	WKL	
MO-SIM	2021/22-1	Wet	10/25/2021 1:45:00 PM	11/12/2021 6:20:00 PM	Antimony	Dissolved	=	0.69	µg/L	EPA 200.8	0.089	0.5	WKL	
MO-SIM	2021/22-1	Wet	10/25/2021 1:45:00 PM	11/12/2021 6:23:00 PM	Antimony	Total	=	2.1	µg/L	EPA 200.8	0.089	0.5	WKL	
MO-SIM	2021/22-1	Wet	10/25/2021 1:45:00 PM	11/12/2021 6:20:00 PM	Arsenic	Dissolved	=	1.6	µg/L	EPA 200.8	0.074	0.4	WKL	
MO-SIM	2021/22-1	Wet	10/25/2021 1:45:00 PM	11/12/2021 6:23:00 PM	Arsenic	Total	=	6.9	µg/L	EPA 200.8	0.074	0.4	WKL	
MO-SIM	2021/22-1	Wet	10/25/2021 1:45:00 PM	11/12/2021 6:23:00 PM	Barium	Total	=	110	µg/L	EPA 200.8	0.14	1	WKL	
MO-SIM	2021/22-1	Wet	10/25/2021 1:45:00 PM	11/12/2021 6:20:00 PM	Beryllium	Dissolved	<	0.062	µg/L	EPA 200.8	0.062	0.1	WKL	
MO-SIM	2021/22-1	Wet	10/25/2021 1:45:00 PM	11/12/2021 6:23:00 PM	Beryllium	Total	=	0.28	µg/L	EPA 200.8	0.062	0.1	WKL	
MO-SIM	2021/22-1	Wet	10/25/2021 1:45:00 PM	11/12/2021 6:20:00 PM	Cadmium	Dissolved	DNQ	0.1	µg/L	EPA 200.8	0.042	0.2	WKL	
MO-SIM	2021/22-1	Wet	10/25/2021 1:45:00 PM	11/12/2021 6:23:00 PM	Cadmium	Total	=	1.3	µg/L	EPA 200.8	0.042	0.2	WKL	
MO-SIM	2021/22-1	Wet	10/25/2021 1:45:00 PM	11/12/2021 6:20:00 PM	Chromium	Dissolved	=	0.66	µg/L	EPA 200.8	0.089	0.2	WKL	
MO-SIM	2021/22-1	Wet	10/25/2021 1:45:00 PM	11/12/2021 6:23:00 PM	Chromium	Total	=	15	µg/L	EPA 200.8	0.089	0.2	WKL	
MO-SIM	2021/22-1	Wet	10/25/2021 1:45:00 PM	11/2/2021 4:56:00 PM	Chromium VI	n/a	=	0.3	µg/L	EPA 218.6	0.0079	0.02	WKL	
MO-SIM	2021/22-1	Wet	10/25/2021 1:45:00 PM	11/12/2021 6:20:00 PM	Copper	Dissolved	=	3.9	µg/L	EPA 200.8	0.23	0.5	WKL	
MO-SIM	2021/22-1	Wet	10/25/2021 1:45:00 PM	11/12/2021 6:23:00 PM	Copper	Total	=	46	µg/L	EPA 200.8	0.23	0.5	WKL	
MO-SIM	2021/22-1	Wet	10/25/2021 1:45:00 PM	11/12/2021 6:20:00 PM	Iron	Dissolved	=	150	µg/L	EPA 200.8	3.9	20	WKL	
MO-SIM	2021/22-1	Wet	10/25/2021 1:45:00 PM	11/12/2021 6:23:00 PM	Iron	Total	=	11000	µg/L	EPA 200.8	3.9	20	WKL	
MO-SIM	2021/22-1	Wet	10/25/2021 1:45:00 PM	11/12/2021 6:20:00 PM	Lead	Dissolved	=	0.78	µg/L	EPA 200.8	0.083	0.2	WKL	UL-MB
MO-SIM	2021/22-1	Wet	10/25/2021 1:45:00 PM	11/12/2021 6:23:00 PM	Lead	Total	=	27	µg/L	EPA 200.8	0.083	0.2	WKL	
MO-SIM	2021/22-1	Wet	10/25/2021 1:45:00 PM	11/5/2021 4:33:00 PM	Mercury	Dissolved	DNQ	21	ng/L	EPA 245.1	17	50	WKL	UL-MB
MO-SIM	2021/22-1	Wet	10/25/2021 1:45:00 PM	11/5/2021 4:35:00 PM	Mercury	Total	=	85	ng/L	EPA 245.1	17	50	WKL	UL-MB
MO-SIM	2021/22-1	Wet	10/25/2021 1:45:00 PM	11/12/2021 6:20:00 PM	Nickel	Dissolved	=	3.8	µg/L	EPA 200.8	0.16	2	WKL	
MO-SIM	2021/22-1	Wet	10/25/2021 1:45:00 PM	11/12/2021 6:23:00 PM	Nickel	Total	=	20	µg/L	EPA 200.8	0.16	2	WKL	
MO-SIM	2021/22-1	Wet	10/25/2021 1:45:00 PM	11/12/2021 6:20:00 PM	Selenium	Dissolved	=	1.5	µg/L	EPA 200.8	0.067	0.4	WKL	
MO-SIM	2021/22-1	Wet	10/25/2021 1:45:00 PM	11/12/2021 6:23:00 PM	Selenium	Total	=	2.4	µg/L	EPA 200.8	0.067	0.4	WKL	
MO-SIM	2021/22-1	Wet	10/25/2021 1:45:00 PM	11/12/2021 6:20:00 PM	Silver	Dissolved	<	0.03	µg/L	EPA 200.8	0.03	0.2	WKL	
MO-SIM	2021/22-1	Wet	10/25/2021 1:45:00 PM	11/12/2021 6:23:00 PM	Silver	Total	DNQ	0.11	µg/L	EPA 200.8	0.03	0.2	WKL	
MO-SIM	2021/22-1	Wet	10/25/2021 1:45:00 PM	11/12/2021 6:20:00 PM	Thallium	Dissolved	<	0.021	µg/L	EPA 200.8	0.021	0.2	WKL	
MO-SIM	2021/22-1	Wet	10/25/2021 1:45:00 PM	11/12/2021 6:23:00 PM	Thallium	Total	DNQ	0.12	µg/L	EPA 200.8	0.021	0.2	WKL	
MO-SIM	2021/22-1	Wet	10/25/2021 1:45:00 PM	11/12/2021 6:20:00 PM	Zinc	Dissolved	=	19	µg/L	EPA 200.8	0.8	10	WKL	
MO-SIM	2021/22-1	Wet	10/25/2021 1:45:00 PM	11/12/2021 6:23:00 PM	Zinc	Total	=	220	µg/L	EPA 200.8	0.8	10	WKL	
MO-SIM	2021/22-1	Wet	10/25/2021 1:45:00 PM	10/27/2021 4:37:00 PM	Ammonia as N	n/a	=	0.81	mg/L	EPA 350.1	0.047	0.1	WKL	
MO-SIM	2021/22-1	Wet	10/25/2021 1:45:00 PM	10/28/2021 4:13:00 PM	Nitrate + Nitrite as N	n/a	=	1.2	mg/L	EPA 353.2	0.036	0.2	WKL	
MO-SIM	2021/22-1	Wet	10/25/2021 1:45:00 PM	11/17/2021 7:40:00 PM	Phosphorus as P	Dissolved	=	0.29	mg/L	EPA 200.7	0.018	0.05	WKL	
MO-SIM	2021/22-1	Wet	10/25/2021 1:45:00 PM	11/17/2021 7:43:00 PM	Phosphorus as P	Total	=	1.2	mg/L	EPA 200.7	0.018	0.05	WKL	
MO-SIM	2021/22-1	Wet	10/25/2021 1:45:00 PM	11/9/2021 3:44:00 PM	TKN	n/a	=	2.4	mg/L	EPA 351.2	0.065	0.1	WKL	
MO-SIM	2021/22-1	Wet	10/25/2021 1:45:00 PM	11/22/2021 1:45:00 PM	1,2,4-Trichlorobenzene	n/a	<	0.98	µg/L	EPA 625.1	0.98	2	WKL	
MO-SIM	2021/22-1	Wet	10/25/2021 1:45:00 PM	11/22/2021 11:30:00 PM	1,2-Dichlorobenzene	n/a	<	0.92	µg/L	EPA 625.1	0.92	2	WKL	
MO-SIM	2021/22-1	Wet	10/25/2021 1:45:00 PM	11/22/2021 11:30:00 PM	1,2-Diphenylhydrazine	n/a	<	0.6	µg/L	EPA 625.1	0.6	2	WKL	
MO-SIM	2021/22-1	Wet	10/25/2021 1:45:00 PM	11/22/2021 11:30:00 PM	1,3-Dichlorobenzene	n/a	<	0.84	µg/L	EPA 625.1	0.84	2	WKL	
MO-SIM	2021/22-1	Wet	10/25/2021 1:45:00 PM	11/22/2021 11:30:00 PM	1,4-Dichlorobenzene	n/a	<	0.96	µg/L	EPA 625.1	0.96	2	WKL	
MO-SIM	2021/22-1	Wet	10/25/2021 1:45:00 PM	11/17/2021 11:19:00 AM	1-Methylnaphthalene	n/a	<	0.048	µg/L	EPA 8270C	0.048	0.2	WKL	
MO-SIM	2021/22-1	Wet	10/25/2021 1:45:00 PM	11/19/2021 11:58:00 PM	2,4,5-Trichlorophenol	n/a	<	0.58	µg/L	EPA 8270C	0.58	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	2021/22-1	Wet	10/25/2021 1:45:00 PM	11/19/2021 11:58:00 PM	2,4,6-Trichlorophenol	n/a	<	0.6	µg/L	EPA 8270C	0.6	2	WKL	
MO-SIM	2021/22-1	Wet	10/25/2021 1:45:00 PM	11/22/2021 11:30:00 PM	2,4,6-Trichlorophenol	n/a	<	0.44	µg/L	EPA 625.1	0.44	2	WKL	
MO-SIM	2021/22-1	Wet	10/25/2021 1:45:00 PM	11/22/2021 11:30:00 PM	2,4-Dichlorophenol	n/a	<	0.52	µg/L	EPA 625.1	0.52	2	WKL	
MO-SIM	2021/22-1	Wet	10/25/2021 1:45:00 PM	11/19/2021 11:58:00 PM	2,4-Dichlorophenol	n/a	<	1	µg/L	EPA 8270C	1	2	WKL	
MO-SIM	2021/22-1	Wet	10/25/2021 1:45:00 PM	11/19/2021 11:58:00 PM	2,4-Dimethylphenol	n/a	<	2	µg/L	EPA 8270C	2	4	WKL	
MO-SIM	2021/22-1	Wet	10/25/2021 1:45:00 PM	11/22/2021 11:30:00 PM	2,4-Dimethylphenol	n/a	<	1.5	µg/L	EPA 625.1	1.5	2	WKL	
MO-SIM	2021/22-1	Wet	10/25/2021 1:45:00 PM	11/22/2021 11:30:00 PM	2,4-Dinitrophenol	n/a	<	3.7	µg/L	EPA 625.1	3.7	20	WKL	
MO-SIM	2021/22-1	Wet	10/25/2021 1:45:00 PM	11/19/2021 11:58:00 PM	2,4-Dinitrophenol	n/a	<	2	µg/L	EPA 8270C	2	4	WKL	
MO-SIM	2021/22-1	Wet	10/25/2021 1:45:00 PM	11/22/2021 11:30:00 PM	2,4-Dinitrotoluene	n/a	<	0.92	µg/L	EPA 625.1	0.92	2	WKL	
MO-SIM	2021/22-1	Wet	10/25/2021 1:45:00 PM	11/22/2021 11:30:00 PM	2,6-Dinitrotoluene	n/a	<	0.54	µg/L	EPA 625.1	0.54	2	WKL	
MO-SIM	2021/22-1	Wet	10/25/2021 1:45:00 PM	11/22/2021 11:30:00 PM	2-Chloronaphthalene	n/a	<	0.9	µg/L	EPA 625.1	0.9	2	WKL	
MO-SIM	2021/22-1	Wet	10/25/2021 1:45:00 PM	11/22/2021 11:30:00 PM	2-Chlorophenol	n/a	<	0.56	µg/L	EPA 625.1	0.56	2	WKL	
MO-SIM	2021/22-1	Wet	10/25/2021 1:45:00 PM	11/19/2021 11:58:00 PM	2-Chlorophenol	n/a	<	1.3	µg/L	EPA 8270C	1.3	2	WKL	
MO-SIM	2021/22-1	Wet	10/25/2021 1:45:00 PM	11/17/2021 11:19:00 AM	2-Methylnaphthalene	n/a	<	0.052	µg/L	EPA 8270C	0.052	0.2	WKL	
MO-SIM	2021/22-1	Wet	10/25/2021 1:45:00 PM	11/19/2021 11:58:00 PM	2-Methylphenol	n/a	<	0.68	µg/L	EPA 8270C	0.68	2	WKL	
MO-SIM	2021/22-1	Wet	10/25/2021 1:45:00 PM	11/19/2021 11:58:00 PM	2-Nitrophenol	n/a	<	1.4	µg/L	EPA 8270C	1.4	2	WKL	
MO-SIM	2021/22-1	Wet	10/25/2021 1:45:00 PM	11/22/2021 11:30:00 PM	2-Nitrophenol	n/a	<	0.52	µg/L	EPA 625.1	0.52	2	WKL	
MO-SIM	2021/22-1	Wet	10/25/2021 1:45:00 PM	11/22/2021 11:30:00 PM	3,3'-Dichlorobenzidine	n/a	<	5	µg/L	EPA 625.1	5	10	WKL	
MO-SIM	2021/22-1	Wet	10/25/2021 1:45:00 PM	11/19/2021 11:58:00 PM	3-4-Methylphenol	n/a	<	0.6	µg/L	EPA 8270C	0.6	2	WKL	
MO-SIM	2021/22-1	Wet	10/25/2021 1:45:00 PM	11/22/2021 11:30:00 PM	4,6-Dinitro-2-methylphenol	n/a	<	1	µg/L	EPA 625.1	1	10	WKL	
MO-SIM	2021/22-1	Wet	10/25/2021 1:45:00 PM	11/19/2021 11:58:00 PM	4,6-Dinitro-2-methylphenol	n/a	<	0.28	µg/L	EPA 8270C	0.28	2	WKL	
MO-SIM	2021/22-1	Wet	10/25/2021 1:45:00 PM	11/22/2021 11:30:00 PM	4-Bromophenyl phenyl ether	n/a	<	0.72	µg/L	EPA 625.1	0.72	2	WKL	
MO-SIM	2021/22-1	Wet	10/25/2021 1:45:00 PM	11/19/2021 11:58:00 PM	4-Chloro-3-methylphenol	n/a	<	0.74	µg/L	EPA 8270C	0.74	2	WKL	
MO-SIM	2021/22-1	Wet	10/25/2021 1:45:00 PM	11/22/2021 11:30:00 PM	4-Chloro-3-methylphenol	n/a	<	0.46	µg/L	EPA 625.1	0.46	2	WKL	
MO-SIM	2021/22-1	Wet	10/25/2021 1:45:00 PM	11/22/2021 11:30:00 PM	4-Chlorophenyl phenyl ether	n/a	<	0.82	µg/L	EPA 625.1	0.82	2	WKL	
MO-SIM	2021/22-1	Wet	10/25/2021 1:45:00 PM	11/19/2021 11:58:00 PM	4-Nitrophenol	n/a	<	2	µg/L	EPA 8270C	2	4	WKL	
MO-SIM	2021/22-1	Wet	10/25/2021 1:45:00 PM	11/22/2021 11:30:00 PM	4-Nitrophenol	n/a	<	2.5	µg/L	EPA 625.1	2.5	10	WKL	
MO-SIM	2021/22-1	Wet	10/25/2021 1:45:00 PM	11/22/2021 11:30:00 PM	Acenaphthene	n/a	<	0.76	µg/L	EPA 625.1	0.76	2	WKL	
MO-SIM	2021/22-1	Wet	10/25/2021 1:45:00 PM	11/17/2021 11:19:00 AM	Acenaphthene	n/a	<	0.056	µg/L	EPA 8270C	0.056	0.2	WKL	
MO-SIM	2021/22-1	Wet	10/25/2021 1:45:00 PM	11/22/2021 11:30:00 PM	Acenaphthylene	n/a	<	0.7	µg/L	EPA 625.1	0.7	2	WKL	
MO-SIM	2021/22-1	Wet	10/25/2021 1:45:00 PM	11/17/2021 11:19:00 AM	Acenaphthylene	n/a	<	0.066	µg/L	EPA 8270C	0.066	0.2	WKL	
MO-SIM	2021/22-1	Wet	10/25/2021 1:45:00 PM	11/22/2021 11:30:00 PM	Anthracene	n/a	<	0.82	µg/L	EPA 625.1	0.82	2	WKL	
MO-SIM	2021/22-1	Wet	10/25/2021 1:45:00 PM	11/17/2021 11:19:00 AM	Anthracene	n/a	<	0.05	µg/L	EPA 8270C	0.05	0.2	WKL	
MO-SIM	2021/22-1	Wet	10/25/2021 1:45:00 PM	11/22/2021 11:30:00 PM	Benz(a)anthracene	n/a	<	0.38	µg/L	EPA 625.1	0.38	2	WKL	
MO-SIM	2021/22-1	Wet	10/25/2021 1:45:00 PM	11/17/2021 11:19:00 AM	Benz(a)anthracene	n/a	DNQ	0.12	µg/L	EPA 8270C	0.1	0.2	WKL	
MO-SIM	2021/22-1	Wet	10/25/2021 1:45:00 PM	11/22/2021 11:30:00 PM	Benzenzidine	n/a	<	6.4	µg/L	EPA 625.1	6.4	20	WKL	
MO-SIM	2021/22-1	Wet	10/25/2021 1:45:00 PM	11/10/2021 3:41:00 AM	Benzo(a)pyrene	n/a	<	0.02	µg/L	EPA 525.2	0.02	0.1	WKL	
MO-SIM	2021/22-1	Wet	10/25/2021 1:45:00 PM	11/22/2021 11:30:00 PM	Benzo(a)pyrene	n/a	<	0.78	µg/L	EPA 625.1	0.78	2	WKL	
MO-SIM	2021/22-1	Wet	10/25/2021 1:45:00 PM	11/17/2021 11:19:00 AM	Benzo(a)pyrene	n/a	DNQ	0.1	µg/L	EPA 8270C	0.1	0.2	WKL	
MO-SIM	2021/22-1	Wet	10/25/2021 1:45:00 PM	11/22/2021 11:30:00 PM	Benzo(b)fluoranthene	n/a	<	0.92	µg/L	EPA 625.1	0.92	2	WKL	
MO-SIM	2021/22-1	Wet	10/25/2021 1:45:00 PM	11/17/2021 11:19:00 AM	Benzo(b)fluoranthene	n/a	<	0.15	µg/L	EPA 8270C	0.15	0.2	WKL	
MO-SIM	2021/22-1	Wet	10/25/2021 1:45:00 PM	11/17/2021 11:19:00 AM	Benzo(g,h,i)perylene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.2	WKL	
MO-SIM	2021/22-1	Wet	10/25/2021 1:45:00 PM	11/22/2021 11:30:00 PM	Benzo(g,h,i)perylene	n/a	<	0.84	µg/L	EPA 625.1	0.84	4	WKL	
MO-SIM	2021/22-1	Wet	10/25/2021 1:45:00 PM	11/22/2021 11:30:00 PM	Benzo(k)fluoranthene	n/a	<	0.44	µg/L	EPA 625.1	0.44	2	WKL	
MO-SIM	2021/22-1	Wet	10/25/2021 1:45:00 PM	11/17/2021 11:19:00 AM	Benzo(k)fluoranthene	n/a	DNQ	0.064	µg/L	EPA 8270C	0.052	0.2	WKL	
MO-SIM	2021/22-1	Wet	10/25/2021 1:45:00 PM	11/22/2021 11:30:00 PM	Bis(2-chloroethoxy)methane	n/a	<	0.5	µg/L	EPA 625.1	0.5	2	WKL	
MO-SIM	2021/22-1	Wet	10/25/2021 1:45:00 PM	11/22/2021 11:30:00 PM	Bis(2-chloroethyl)ether	n/a	<	0.54	µg/L	EPA 625.1	0.54	2	WKL	
MO-SIM	2021/22-1	Wet	10/25/2021 1:45:00 PM	11/22/2021 11:30:00 PM	Bis(2-chloroisopropyl)ether	n/a	<	0.76	µg/L	EPA 625.1	0.76	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	2021/22-1	Wet	10/25/2021 1:45:00 PM	11/10/2021 3:41:00 AM	Bis(2-ethylhexyl)adipate	n/a	<	0.42	µg/L	EPA 525.2	0.42	5	WKL	
MO-SIM	2021/22-1	Wet	10/25/2021 1:45:00 PM	11/10/2021 3:41:00 AM	Bis(2-ethylhexyl)phthalate	n/a	DNQ	0.72	µg/L	EPA 525.2	0.41	3	WKL	RPD, HB-LCSR
MO-SIM	2021/22-1	Wet	10/25/2021 1:45:00 PM	11/22/2021 11:30:00 PM	Bis(2-ethylhexyl)phthalate	n/a	<	4.6	µg/L	EPA 625.1	4.6	10	WKL	
MO-SIM	2021/22-1	Wet	10/25/2021 1:45:00 PM	11/22/2021 11:30:00 PM	Butyl benzyl phthalate	n/a	DNQ	1.1	µg/L	EPA 625.1	0.98	2	WKL	
MO-SIM	2021/22-1	Wet	10/25/2021 1:45:00 PM	11/22/2021 11:30:00 PM	Chrysene	n/a	<	0.38	µg/L	EPA 625.1	0.38	2	WKL	
MO-SIM	2021/22-1	Wet	10/25/2021 1:45:00 PM	11/17/2021 11:19:00 AM	Chrysene	n/a	<	0.15	µg/L	EPA 8270C	0.15	0.2	WKL	
MO-SIM	2021/22-1	Wet	10/25/2021 1:45:00 PM	11/17/2021 11:19:00 AM	Dibenz(a,h)anthracene	n/a	DNQ	0.073	µg/L	EPA 8270C	0.072	0.2	WKL	
MO-SIM	2021/22-1	Wet	10/25/2021 1:45:00 PM	11/22/2021 11:30:00 PM	Dibenz(a,h)anthracene	n/a	<	0.3	µg/L	EPA 625.1	0.3	4	WKL	
MO-SIM	2021/22-1	Wet	10/25/2021 1:45:00 PM	11/22/2021 11:30:00 PM	Diethyl phthalate	n/a	<	0.7	µg/L	EPA 625.1	0.7	2	WKL	
MO-SIM	2021/22-1	Wet	10/25/2021 1:45:00 PM	11/22/2021 11:30:00 PM	Dimethyl phthalate	n/a	<	0.36	µg/L	EPA 625.1	0.36	2	WKL	
MO-SIM	2021/22-1	Wet	10/25/2021 1:45:00 PM	11/22/2021 11:30:00 PM	Di-n-butylphthalate	n/a	<	0.68	µg/L	EPA 625.1	0.68	2	WKL	
MO-SIM	2021/22-1	Wet	10/25/2021 1:45:00 PM	11/22/2021 11:30:00 PM	Di-n-octylphthalate	n/a	<	0.92	µg/L	EPA 625.1	0.92	2	WKL	
MO-SIM	2021/22-1	Wet	10/25/2021 1:45:00 PM	11/22/2021 11:30:00 PM	Fluoranthene	n/a	<	0.69	µg/L	EPA 625.1	0.69	2	WKL	
MO-SIM	2021/22-1	Wet	10/25/2021 1:45:00 PM	11/17/2021 11:19:00 AM	Fluoranthene	n/a	DNQ	0.11	µg/L	EPA 8270C	0.078	0.2	WKL	
MO-SIM	2021/22-1	Wet	10/25/2021 1:45:00 PM	11/17/2021 11:19:00 AM	Fluorene	n/a	<	0.058	µg/L	EPA 8270C	0.058	0.2	WKL	
MO-SIM	2021/22-1	Wet	10/25/2021 1:45:00 PM	11/22/2021 11:30:00 PM	Fluorene	n/a	<	0.7	µg/L	EPA 625.1	0.7	2	WKL	
MO-SIM	2021/22-1	Wet	10/25/2021 1:45:00 PM	11/22/2021 11:30:00 PM	Hexachlorobenzene	n/a	<	0.98	µg/L	EPA 625.1	0.98	2	WKL	
MO-SIM	2021/22-1	Wet	10/25/2021 1:45:00 PM	11/22/2021 11:30:00 PM	Hexachlorobutadiene	n/a	<	0.94	µg/L	EPA 625.1	0.94	2	WKL	
MO-SIM	2021/22-1	Wet	10/25/2021 1:45:00 PM	11/10/2021 3:41:00 AM	Hexachlorocyclopentadiene	n/a	<	0.092	µg/L	EPA 525.2	0.092	1	WKL	
MO-SIM	2021/22-1	Wet	10/25/2021 1:45:00 PM	11/22/2021 11:30:00 PM	Hexachlorocyclopentadiene	n/a	<	0.62	µg/L	EPA 625.1	0.62	10	WKL	
MO-SIM	2021/22-1	Wet	10/25/2021 1:45:00 PM	11/22/2021 11:30:00 PM	Hexachloroethane	n/a	<	1	µg/L	EPA 625.1	1	2	WKL	
MO-SIM	2021/22-1	Wet	10/25/2021 1:45:00 PM	11/22/2021 11:30:00 PM	Indeno(1,2,3-cd)pyrene	n/a	<	0.49	µg/L	EPA 625.1	0.49	4	WKL	
MO-SIM	2021/22-1	Wet	10/25/2021 1:45:00 PM	11/17/2021 11:19:00 AM	Indeno(1,2,3-cd)pyrene	n/a	DNQ	0.13	µg/L	EPA 8270C	0.13	0.2	WKL	
MO-SIM	2021/22-1	Wet	10/25/2021 1:45:00 PM	11/22/2021 11:30:00 PM	Isophorone	n/a	<	0.42	µg/L	EPA 625.1	0.42	2	WKL	
MO-SIM	2021/22-1	Wet	10/25/2021 1:45:00 PM	11/17/2021 11:19:00 AM	Naphthalene	n/a	<	0.052	µg/L	EPA 8270C	0.052	0.2	WKL	
MO-SIM	2021/22-1	Wet	10/25/2021 1:45:00 PM	11/22/2021 11:30:00 PM	Naphthalene	n/a	<	0.98	µg/L	EPA 625.1	0.98	2	WKL	
MO-SIM	2021/22-1	Wet	10/25/2021 1:45:00 PM	11/22/2021 11:30:00 PM	Nitrobenzene	n/a	<	0.72	µg/L	EPA 625.1	0.72	2	WKL	
MO-SIM	2021/22-1	Wet	10/25/2021 1:45:00 PM	11/22/2021 11:30:00 PM	N-Nitrosodimethylamine	n/a	<	1	µg/L	EPA 625.1	1	2	WKL	
MO-SIM	2021/22-1	Wet	10/25/2021 1:45:00 PM	11/22/2021 11:30:00 PM	N-Nitrosodi-N-propylamine	n/a	<	0.52	µg/L	EPA 625.1	0.52	2	WKL	
MO-SIM	2021/22-1	Wet	10/25/2021 1:45:00 PM	11/22/2021 11:30:00 PM	N-Nitrosodiphenylamine	n/a	<	0.38	µg/L	EPA 625.1	0.38	2	WKL	
MO-SIM	2021/22-1	Wet	10/25/2021 1:45:00 PM	11/22/2021 11:30:00 PM	Phenanthrene	n/a	<	0.64	µg/L	EPA 625.1	0.64	2	WKL	
MO-SIM	2021/22-1	Wet	10/25/2021 1:45:00 PM	11/17/2021 11:19:00 AM	Phenanthrene	n/a	<	0.058	µg/L	EPA 8270C	0.058	0.2	WKL	
MO-SIM	2021/22-1	Wet	10/25/2021 1:45:00 PM	11/22/2021 11:30:00 PM	Phenol	n/a	<	1.6	µg/L	EPA 625.1	1.6	2	WKL	
MO-SIM	2021/22-1	Wet	10/25/2021 1:45:00 PM	11/19/2021 11:58:00 PM	Phenol	n/a	<	0.7	µg/L	EPA 8270C	0.7	2	WKL	
MO-SIM	2021/22-1	Wet	10/25/2021 1:45:00 PM	11/22/2021 11:30:00 PM	Pyrene	n/a	<	0.5	µg/L	EPA 625.1	0.5	2	WKL	
MO-SIM	2021/22-1	Wet	10/25/2021 1:45:00 PM	11/17/2021 11:19:00 AM	Pyrene	n/a	DNQ	0.11	µg/L	EPA 8270C	0.08	0.2	WKL	
MO-SIM	2021/22-1	Wet	10/25/2021 1:45:00 PM	12/7/2021 12:54:00 AM	PCB Aroclor 1016	n/a	<	2.5	µg/L	EPA 608.3	2.5	2.5	WKL	
MO-SIM	2021/22-1	Wet	10/25/2021 1:45:00 PM	12/7/2021 12:54:00 AM	PCB Aroclor 1221	n/a	<	2.5	µg/L	EPA 608.3	2.5	2.5	WKL	
MO-SIM	2021/22-1	Wet	10/25/2021 1:45:00 PM	12/7/2021 12:54:00 AM	PCB Aroclor 1232	n/a	<	2.5	µg/L	EPA 608.3	2.5	2.5	WKL	
MO-SIM	2021/22-1	Wet	10/25/2021 1:45:00 PM	12/7/2021 12:54:00 AM	PCB Aroclor 1242	n/a	<	2.5	µg/L	EPA 608.3	2.5	2.5	WKL	
MO-SIM	2021/22-1	Wet	10/25/2021 1:45:00 PM	12/7/2021 12:54:00 AM	PCB Aroclor 1248	n/a	<	2.5	µg/L	EPA 608.3	2.5	2.5	WKL	
MO-SIM	2021/22-1	Wet	10/25/2021 1:45:00 PM	12/7/2021 12:54:00 AM	PCB Aroclor 1254	n/a	<	2.5	µg/L	EPA 608.3	2.5	2.5	WKL	
MO-SIM	2021/22-1	Wet	10/25/2021 1:45:00 PM	12/7/2021 12:54:00 AM	PCB Aroclor 1260	n/a	<	2.5	µg/L	EPA 608.3	2.5	2.5	WKL	
MO-SIM	2021/22-1	Wet	10/25/2021 1:45:00 PM	11/8/2021 2:36:00 AM	2,4,5-T	n/a	<	0.03	µg/L	EPA 515.4	0.03	0.2	WKL	
MO-SIM	2021/22-1	Wet	10/25/2021 1:45:00 PM	11/8/2021 2:36:00 AM	2,4,5-TP	n/a	<	0.026	µg/L	EPA 515.4	0.026	0.2	WKL	
MO-SIM	2021/22-1	Wet	10/25/2021 1:45:00 PM	11/8/2021 2:36:00 AM	2,4-D	n/a	<	0.4	µg/L	EPA 515.4	0.4	0.4	WKL	
MO-SIM	2021/22-1	Wet	10/25/2021 1:45:00 PM	11/8/2021 2:36:00 AM	2,4-DB	n/a	<	0.19	µg/L	EPA 515.4	0.19	2	WKL	
MO-SIM	2021/22-1	Wet	10/25/2021 1:45:00 PM	11/8/2021 2:36:00 AM	3,5-Dichlorobenzoic acid	n/a	<	0.12	µg/L	EPA 515.4	0.12	1	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-SIM	2021/22-1	Wet	10/25/2021 1:45:00 PM	12/7/2021 12:54:00 AM	4,4'-DDD	n/a	<	0.0035	µg/L	EPA 608.3	0.0035	0.25	WKL	
MO-SIM	2021/22-1	Wet	10/25/2021 1:45:00 PM	12/7/2021 12:54:00 AM	4,4'-DDE	n/a	DNQ	0.013	µg/L	EPA 608.3	0.0035	0.25	WKL	
MO-SIM	2021/22-1	Wet	10/25/2021 1:45:00 PM	12/7/2021 12:54:00 AM	4,4'-DDT	n/a	DNQ	0.0097	µg/L	EPA 608.3	0.0055	0.05	WKL	
MO-SIM	2021/22-1	Wet	10/25/2021 1:45:00 PM	11/8/2021 2:36:00 AM	Acifluorfen	n/a	<	0.4	µg/L	EPA 515.4	0.4	0.4	WKL	
MO-SIM	2021/22-1	Wet	10/25/2021 1:45:00 PM	11/10/2021 3:41:00 AM	Alachlor	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1	WKL	
MO-SIM	2021/22-1	Wet	10/25/2021 1:45:00 PM	12/7/2021 12:54:00 AM	Aldrin	n/a	<	0.005	µg/L	EPA 608.3	0.005	0.025	WKL	
MO-SIM	2021/22-1	Wet	10/25/2021 1:45:00 PM	12/7/2021 12:54:00 AM	alpha-BHC	n/a	<	0.0055	µg/L	EPA 608.3	0.0055	0.05	WKL	
MO-SIM	2021/22-1	Wet	10/25/2021 1:45:00 PM	12/7/2021 12:54:00 AM	alpha-Chlordane	n/a	<	0.014	µg/L	EPA 608.3	0.014	0.05	WKL	
MO-SIM	2021/22-1	Wet	10/25/2021 1:45:00 PM	11/10/2021 3:41:00 PM	Atrazine	n/a	<	0.011	µg/L	EPA 525.2	0.011	0.1	WKL	
MO-SIM	2021/22-1	Wet	10/25/2021 1:45:00 PM	11/5/2021 11:46:00 PM	Azinphos methyl	n/a	<	0.028	µg/L	EPA 625.1m	0.028	0.05	WKL	
MO-SIM	2021/22-1	Wet	10/25/2021 1:45:00 PM	11/8/2021 2:36:00 AM	Bentazon	n/a	<	2	µg/L	EPA 515.4	2	2	WKL	
MO-SIM	2021/22-1	Wet	10/25/2021 1:45:00 PM	12/7/2021 12:54:00 AM	beta-BHC	n/a	<	0.0075	µg/L	EPA 608.3	0.0075	0.025	WKL	
MO-SIM	2021/22-1	Wet	10/25/2021 1:45:00 PM	11/5/2021 11:46:00 PM	Bolstar	n/a	<	0.023	µg/L	EPA 625.1m	0.023	0.05	WKL	
MO-SIM	2021/22-1	Wet	10/25/2021 1:45:00 PM	11/10/2021 3:41:00 AM	Bromacil	n/a	<	0.07	µg/L	EPA 525.2	0.07	0.5	WKL	
MO-SIM	2021/22-1	Wet	10/25/2021 1:45:00 PM	11/10/2021 3:41:00 AM	Butachlor	n/a	<	0.012	µg/L	EPA 525.2	0.012	0.1	WKL	
MO-SIM	2021/22-1	Wet	10/25/2021 1:45:00 PM	11/10/2021 3:41:00 AM	Captan	n/a	<	0.32	µg/L	EPA 525.2	0.32	1	WKL	
MO-SIM	2021/22-1	Wet	10/25/2021 1:45:00 PM	12/7/2021 12:54:00 AM	Chlordane (technical)	n/a	<	0.22	µg/L	EPA 608.3	0.22	0.5	WKL	
MO-SIM	2021/22-1	Wet	10/25/2021 1:45:00 PM	11/10/2021 3:41:00 AM	Chlorpropham	n/a	<	0.04	µg/L	EPA 525.2	0.04	0.1	WKL	
MO-SIM	2021/22-1	Wet	10/25/2021 1:45:00 PM	11/5/2021 11:46:00 PM	Chlorpyrifos	n/a	<	0.034	µg/L	EPA 625.1m	0.034	0.05	WKL	
MO-SIM	2021/22-1	Wet	10/25/2021 1:45:00 PM	11/5/2021 11:46:00 PM	Coumaphos	n/a	<	0.026	µg/L	EPA 625.1m	0.026	0.05	WKL	
MO-SIM	2021/22-1	Wet	10/25/2021 1:45:00 PM	11/8/2021 2:36:00 AM	Dalapon	n/a	<	0.11	µg/L	EPA 515.4	0.11	0.4	WKL	
MO-SIM	2021/22-1	Wet	10/25/2021 1:45:00 PM	11/8/2021 2:36:00 AM	DCPA (Dacthal)	n/a	<	0.1	µg/L	EPA 515.4	0.1	0.1	WKL	
MO-SIM	2021/22-1	Wet	10/25/2021 1:45:00 PM	12/7/2021 12:54:00 AM	delta-BHC	n/a	<	0.0095	µg/L	EPA 608.3	0.0095	0.025	WKL	
MO-SIM	2021/22-1	Wet	10/25/2021 1:45:00 PM	11/5/2021 11:46:00 PM	Demeton-O	n/a	<	0.05	µg/L	EPA 625.1m	0.05	0.05	WKL	
MO-SIM	2021/22-1	Wet	10/25/2021 1:45:00 PM	11/5/2021 11:46:00 PM	Demeton-S	n/a	<	0.05	µg/L	EPA 625.1m	0.05	0.05	WKL	
MO-SIM	2021/22-1	Wet	10/25/2021 1:45:00 PM	11/5/2021 11:46:00 PM	Diazinon	n/a	<	0.026	µg/L	EPA 625.1m	0.026	0.05	WKL	
MO-SIM	2021/22-1	Wet	10/25/2021 1:45:00 PM	11/10/2021 3:41:00 AM	Diazinon	n/a	<	0.022	µg/L	EPA 525.2	0.022	0.1	WKL	
MO-SIM	2021/22-1	Wet	10/25/2021 1:45:00 PM	11/8/2021 2:36:00 AM	Dicamba	n/a	<	0.049	µg/L	EPA 515.4	0.049	0.6	WKL	
MO-SIM	2021/22-1	Wet	10/25/2021 1:45:00 PM	11/8/2021 2:36:00 AM	Dichlorprop	n/a	<	0.12	µg/L	EPA 515.4	0.12	0.3	WKL	
MO-SIM	2021/22-1	Wet	10/25/2021 1:45:00 PM	11/5/2021 11:46:00 AM	Dichlorvos	n/a	<	0.014	µg/L	EPA 625.1m	0.014	0.05	WKL	
MO-SIM	2021/22-1	Wet	10/25/2021 1:45:00 PM	12/7/2021 12:54:00 AM	Dieldrin	n/a	<	0.004	µg/L	EPA 608.3	0.004	0.05	WKL	
MO-SIM	2021/22-1	Wet	10/25/2021 1:45:00 PM	11/5/2021 11:46:00 PM	Dimethoate	n/a	<	0.031	µg/L	EPA 625.1m	0.031	0.05	WKL	
MO-SIM	2021/22-1	Wet	10/25/2021 1:45:00 PM	11/10/2021 3:41:00 AM	Dimethoate	n/a	<	0.02	µg/L	EPA 525.2	0.02	0.2	WKL	
MO-SIM	2021/22-1	Wet	10/25/2021 1:45:00 PM	11/8/2021 2:36:00 AM	Dinoseb	n/a	<	0.4	µg/L	EPA 515.4	0.4	0.4	WKL	
MO-SIM	2021/22-1	Wet	10/25/2021 1:45:00 PM	11/10/2021 3:41:00 AM	Diphenamid	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1	WKL	
MO-SIM	2021/22-1	Wet	10/25/2021 1:45:00 PM	11/10/2021 3:41:00 AM	Disulfoton	n/a	<	0.015	µg/L	EPA 525.2	0.015	0.1	WKL	
MO-SIM	2021/22-1	Wet	10/25/2021 1:45:00 PM	11/5/2021 11:46:00 PM	Disulfoton	n/a	<	0.05	µg/L	EPA 625.1m	0.05	0.05	WKL	
MO-SIM	2021/22-1	Wet	10/25/2021 1:45:00 PM	12/7/2021 12:54:00 AM	Endosulfan I	n/a	<	0.0045	µg/L	EPA 608.3	0.0045	0.1	WKL	
MO-SIM	2021/22-1	Wet	10/25/2021 1:45:00 PM	12/7/2021 12:54:00 AM	Endosulfan II	n/a	<	0.0035	µg/L	EPA 608.3	0.0035	0.05	WKL	
MO-SIM	2021/22-1	Wet	10/25/2021 1:45:00 PM	12/7/2021 12:54:00 AM	Endosulfan sulfate	n/a	<	0.0065	µg/L	EPA 608.3	0.0065	0.25	WKL	
MO-SIM	2021/22-1	Wet	10/25/2021 1:45:00 PM	12/7/2021 12:54:00 AM	Endrin	n/a	<	0.0085	µg/L	EPA 608.3	0.0085	0.05	WKL	
MO-SIM	2021/22-1	Wet	10/25/2021 1:45:00 PM	12/7/2021 12:54:00 AM	Endrin aldehyde	n/a	<	0.0095	µg/L	EPA 608.3	0.0095	0.05	WKL	
MO-SIM	2021/22-1	Wet	10/25/2021 1:45:00 PM	11/10/2021 3:41:00 AM	EPTC	n/a	<	0.02	µg/L	EPA 525.2	0.02	0.1	WKL	
MO-SIM	2021/22-1	Wet	10/25/2021 1:45:00 PM	11/5/2021 11:46:00 PM	Ethoprop	n/a	<	0.034	µg/L	EPA 625.1m	0.034	0.05	WKL	
MO-SIM	2021/22-1	Wet	10/25/2021 1:45:00 PM	11/5/2021 11:46:00 PM	Ethyl parathion	n/a	<	0.027	µg/L	EPA 625.1m	0.027	0.05	WKL	
MO-SIM	2021/22-1	Wet	10/25/2021 1:45:00 PM	11/5/2021 11:46:00 PM	Fensulfothion	n/a	<	0.014	µg/L	EPA 625.1m	0.014	0.05	WKL	
MO-SIM	2021/22-1	Wet	10/25/2021 1:45:00 PM	11/5/2021 11:46:00 PM	Fenthion	n/a	<	0.019	µg/L	EPA 625.1m	0.019	0.05	WKL	
MO-SIM	2021/22-1	Wet	10/25/2021 1:45:00 PM	12/7/2021 12:54:00 AM	gamma-BHC (Lindane)	n/a	<	0.002	µg/L	EPA 608.3	0.002	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	2021/22-1	Wet	10/25/2021 1:45:00 PM	12/7/2021 12:54:00 AM	gamma-Chlordane	n/a	<	0.012	µg/L	EPA 608.3	0.012	0.05	WKL	
MO-SIM	2021/22-1	Wet	10/25/2021 1:45:00 PM	11/7/2021 11:21:00 PM	Glyphosate	n/a	DNQ	19	µg/L	EPA 547	2.1	25	BSKL	
MO-SIM	2021/22-1	Wet	10/25/2021 1:45:00 PM	12/7/2021 12:54:00 AM	Heptachlor	n/a	<	0.003	µg/L	EPA 608.3	0.003	0.05	WKL	
MO-SIM	2021/22-1	Wet	10/25/2021 1:45:00 PM	12/7/2021 12:54:00 AM	Heptachlor epoxide	n/a	<	0.002	µg/L	EPA 608.3	0.002	0.05	WKL	
MO-SIM	2021/22-1	Wet	10/25/2021 1:45:00 PM	11/5/2021 11:46:00 PM	Malathion	n/a	=	0.069	µg/L	EPA 625.1m	0.038	0.05	WKL	
MO-SIM	2021/22-1	Wet	10/25/2021 1:45:00 PM	11/5/2021 11:46:00 PM	Merphos	n/a	<	0.029	µg/L	EPA 625.1m	0.029	0.05	WKL	
MO-SIM	2021/22-1	Wet	10/25/2021 1:45:00 PM	11/5/2021 11:46:00 PM	Methyl parathion	n/a	<	0.032	µg/L	EPA 625.1m	0.032	0.05	WKL	
MO-SIM	2021/22-1	Wet	10/25/2021 1:45:00 PM	11/10/2021 3:41:00 AM	Metolachlor	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1	WKL	
MO-SIM	2021/22-1	Wet	10/25/2021 1:45:00 PM	11/10/2021 3:41:00 AM	Metribuzin	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1	WKL	
MO-SIM	2021/22-1	Wet	10/25/2021 1:45:00 PM	11/5/2021 11:46:00 PM	Mevinphos	n/a	<	0.021	µg/L	EPA 625.1m	0.021	0.05	WKL	
MO-SIM	2021/22-1	Wet	10/25/2021 1:45:00 PM	11/10/2021 3:41:00 AM	Molinatate	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1	WKL	
MO-SIM	2021/22-1	Wet	10/25/2021 1:45:00 PM	11/5/2021 11:46:00 PM	Naled	n/a	<	0.038	µg/L	EPA 625.1m	0.038	0.05	WKL	
MO-SIM	2021/22-1	Wet	10/25/2021 1:45:00 PM	11/22/2021 11:30:00 PM	Pentachlorophenol	n/a	<	0.8	µg/L	EPA 625.1	0.8	2	WKL	
MO-SIM	2021/22-1	Wet	10/25/2021 1:45:00 PM	11/19/2021 11:58:00 AM	Pentachlorophenol	n/a	<	0.3	µg/L	EPA 8270C	0.3	2	WKL	
MO-SIM	2021/22-1	Wet	10/25/2021 1:45:00 PM	11/8/2021 2:36:00 AM	Pentachlorophenol	n/a	=	0.5	µg/L	EPA 515.4	0.046	0.2	WKL	
MO-SIM	2021/22-1	Wet	10/25/2021 1:45:00 PM	11/5/2021 11:46:00 PM	Phorate	n/a	<	0.015	µg/L	EPA 625.1m	0.015	0.05	WKL	
MO-SIM	2021/22-1	Wet	10/25/2021 1:45:00 PM	11/8/2021 2:36:00 AM	Picloram	n/a	<	0.05	µg/L	EPA 515.4	0.05	0.6	WKL	
MO-SIM	2021/22-1	Wet	10/25/2021 1:45:00 PM	11/10/2021 3:41:00 AM	Prometryn	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1	WKL	
MO-SIM	2021/22-1	Wet	10/25/2021 1:45:00 PM	11/5/2021 11:46:00 PM	Ronnel (Fenchlorphos)	n/a	<	0.02	µg/L	EPA 625.1m	0.02	0.05	WKL	
MO-SIM	2021/22-1	Wet	10/25/2021 1:45:00 PM	11/10/2021 3:41:00 AM	Simazine	n/a	<	0.02	µg/L	EPA 525.2	0.02	0.1	WKL	
MO-SIM	2021/22-1	Wet	10/25/2021 1:45:00 PM	11/5/2021 11:46:00 PM	Stirophos (Tetrachlorvinphos)	n/a	<	0.016	µg/L	EPA 625.1m	0.016	0.05	WKL	
MO-SIM	2021/22-1	Wet	10/25/2021 1:45:00 PM	11/10/2021 3:41:00 AM	Terbacil	n/a	<	0.09	µg/L	EPA 525.2	0.09	2	WKL	
MO-SIM	2021/22-1	Wet	10/25/2021 1:45:00 PM	11/10/2021 3:41:00 AM	Thiobencarb	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1	WKL	
MO-SIM	2021/22-1	Wet	10/25/2021 1:45:00 PM	11/5/2021 11:46:00 PM	Tokuthion	n/a	<	0.039	µg/L	EPA 625.1m	0.039	0.05	WKL	
MO-SIM	2021/22-1	Wet	10/25/2021 1:45:00 PM	12/7/2021 12:54:00 AM	Toxaphene	n/a	<	5	µg/L	EPA 608.3	5	5	WKL	
MO-SIM	2021/22-1	Wet	10/25/2021 1:45:00 PM	11/5/2021 11:46:00 PM	Trichloronate	n/a	<	0.034	µg/L	EPA 625.1m	0.034	0.05	WKL	
MO-SIM	2021/22-1	Wet	10/25/2021 1:45:00 PM	11/10/2021 3:41:00 AM	Trithion	n/a	<	0.02	µg/L	EPA 525.2	0.02	0.1	WKL	
MO-SIM	2021/22-2	Wet	12/14/2021 3:00:00 AM	12/15/2021 7:00:00 AM	E. Coli	n/a	=	57940	MPN/100 mL	MMO-MUG	100	100	VCHCA	
MO-SIM	2021/22-2	Wet	12/14/2021 3:00:00 AM	12/15/2021 7:00:00 AM	Total Coliform	n/a	=	241860	MPN/100 mL	MMO-MUG	100	100	VCHCA	
MO-SIM	2021/22-2	Wet	12/14/2021 3:00:00 AM	12/14/2021 3:00:00 AM	Conductivity	n/a	=	387.8	µmhos/cm	Field Meter	-88	1	Field Crew	
MO-SIM	2021/22-2	Wet	12/14/2021 3:00:00 AM	12/16/2021 3:47:00 PM	Cyanide	Total	<	0.0012	mg/L	ASTM D7511	0.0012	0.002	WKL	
MO-SIM	2021/22-2	Wet	12/14/2021 3:00:00 AM	12/14/2021 3:00:00 AM	DO	n/a	=	10.02	mg/L	Field Meter	-88	0.3	Field Crew	
MO-SIM	2021/22-2	Wet	12/14/2021 3:00:00 AM	12/14/2021 3:00:00 AM	DO	n/a	=	94.2	%	Field Meter	-88	0.1	Field Crew	
MO-SIM	2021/22-2	Wet	12/14/2021 3:00:00 AM	12/14/2021 3:00:00 AM	pH	n/a	=	7.72	pH Units	Field Meter	-88	0.01	Field Crew	
MO-SIM	2021/22-2	Wet	12/14/2021 3:00:00 AM	12/14/2021 3:00:00 AM	Salinity	n/a	=	200	mg/L	Field Meter	-88	100	Field Crew	
MO-SIM	2021/22-2	Wet	12/14/2021 3:00:00 AM	12/14/2021 3:00:00 AM	Specific Conductance	n/a	=	508	µmhos/cm	Field Meter	-88	1	Field Crew	
MO-SIM	2021/22-2	Wet	12/14/2021 3:00:00 AM	12/14/2021 3:00:00 AM	Temperature	n/a	=	12.9	°C	Field Meter	-88	0.1	Field Crew	
MO-SIM	2021/22-2	Wet	12/14/2021 3:00:00 AM	12/21/2021 7:16:00 AM	Gasoline Range Organics	n/a	DNQ	0.071	mg/L	EPA 8260B	0.065	0.1	WKL	
MO-SIM	2021/22-2	Wet	12/14/2021 3:00:00 AM	12/21/2021 4:20:00 PM	Oil and Grease	n/a	DNQ	2.1	mg/L	EPA 1664B	1.3	5	WKL	
MO-SIM	2021/22-2	Wet	12/14/2021 3:00:00 AM	12/16/2021 4:50:00 PM	2-Chloroethyl vinyl ether	n/a	<	0.95	µg/L	EPA 624.1	0.95	5	WKL	DG
MO-SIM	2021/22-2	Wet	12/14/2021 3:00:00 AM	12/16/2021 4:50:00 PM	Methyl tert-butyl ether (MTBE)	n/a	<	2	µg/L	EPA 624.1	2	5	WKL	DG
MO-SIM	2021/22-2	Wet	12/14/2021 3:20:00 PM	12/16/2021 5:23:00 PM	Chloride	n/a	=	17	mg/L	EPA 300.0	0.38	1	WKL	
MO-SIM	2021/22-2	Wet	12/14/2021 3:20:00 PM	12/18/2021 3:27:00 AM	Fluoride	n/a	DNQ	0.1	mg/L	EPA 300.0	0.018	0.2	WKL	
MO-SIM	2021/22-2	Wet	12/14/2021 3:20:00 PM	12/19/2021 2:01:00 AM	Perchlorate	n/a	<	0.78	µg/L	EPA 314.0	0.78	4	WKL	
MO-SIM	2021/22-2	Wet	12/14/2021 3:20:00 PM	12/29/2021 6:59:00 PM	Calcium	Total	=	40	mg/L	EPA 200.7	0.16	0.5	WKL	
MO-SIM	2021/22-2	Wet	12/14/2021 3:20:00 PM	12/29/2021 6:59:00 PM	Magnesium	Total	=	12	mg/L	EPA 200.7	0.039	0.5	WKL	
MO-SIM	2021/22-2	Wet	12/14/2021 3:20:00 PM	12/20/2021 10:51:00 AM	Alkalinity as CaCO3	n/a	=	46	mg/L	SM 2320 B	2.3	5	WKL	
MO-SIM	2021/22-2	Wet	12/14/2021 3:20:00 PM	12/21/2021 2:01:00 PM	BOD	n/a	=	6.7	mg/L	SM 5210 B	2	2	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-SIM	2021/22-2	Wet	12/14/2021 3:20:00 PM	1/2/2022 11:32:00 AM	COD	n/a	=	69	mg/L	EPA 410.4	2.9	5	WKL	
MO-SIM	2021/22-2	Wet	12/14/2021 3:20:00 PM	12/29/2021 6:59:00 PM	Hardness as CaCO3	Total	=	149	mg/L	EPA 200.7	0.56	3.31	WKL	
MO-SIM	2021/22-2	Wet	12/14/2021 3:20:00 PM	12/15/2021 7:29:00 PM	MBAS	n/a	DNQ	0.034	mg/L	SM 5540 C	0.013	0.05	WKL	
MO-SIM	2021/22-2	Wet	12/14/2021 3:20:00 PM	1/2/2022 11:55:00 AM	Phenolics	n/a	=	0.01	mg/L	EPA 420.4	0.0068	0.01	WKL	
MO-SIM	2021/22-2	Wet	12/14/2021 3:20:00 PM	12/16/2021 1:59:00 PM	Specific Conductance	n/a	=	300	µmhos/cm	SM 2510 B	1.1	2	WKL	
MO-SIM	2021/22-2	Wet	12/14/2021 3:20:00 PM	12/21/2021 1:10:00 PM	Total Dissolved Solids	n/a	=	170	mg/L	SM 2540 C	4	10	WKL	
MO-SIM	2021/22-2	Wet	12/14/2021 3:20:00 PM	12/24/2021 4:45:00 AM	Total Organic Carbon	n/a	=	8.5	mg/L	SM 5310 B	0.19	0.3	WKL	
MO-SIM	2021/22-2	Wet	12/14/2021 3:20:00 PM	12/20/2021 7:00:00 PM	Total Suspended Solids	n/a	=	490	mg/L	SM 2540 D	-88	5	WKL	
MO-SIM	2021/22-2	Wet	12/14/2021 3:20:00 PM	12/15/2021 5:44:00 PM	Turbidity	n/a	=	70	NTU	EPA 180.1	1.7	10	WKL	
MO-SIM	2021/22-2	Wet	12/14/2021 3:20:00 PM	12/20/2021 7:00:00 PM	Volatile Suspended Solids	n/a	=	46	mg/L	EPA 160.4	3.1	5	WKL	
MO-SIM	2021/22-2	Wet	12/14/2021 3:20:00 PM	12/29/2021 11:09:00 PM	Diesel Range Organics	n/a	=	0.21	mg/L	EPA 8015B	0.072	0.1	WKL	EST-LCSRPD
MO-SIM	2021/22-2	Wet	12/14/2021 3:20:00 PM	12/29/2021 11:09:00 PM	Oil Range Organics	n/a	<	0.33	mg/L	EPA 8015B	0.33	0.5	WKL	
MO-SIM	2021/22-2	Wet	12/14/2021 3:20:00 PM	1/17/2022 6:50:00 PM	Aluminum	Dissolved	=	28	µg/L	EPA 200.8	4.4	20	WKL	
MO-SIM	2021/22-2	Wet	12/14/2021 3:20:00 PM	1/17/2022 6:53:00 PM	Aluminum	Total	=	9600	µg/L	EPA 200.8	4.4	20	WKL	
MO-SIM	2021/22-2	Wet	12/14/2021 3:20:00 PM	1/17/2022 6:50:00 PM	Antimony	Dissolved	DNQ	0.44	µg/L	EPA 200.8	0.089	0.5	WKL	
MO-SIM	2021/22-2	Wet	12/14/2021 3:20:00 PM	1/17/2022 6:53:00 PM	Antimony	Total	=	0.93	µg/L	EPA 200.8	0.089	0.5	WKL	
MO-SIM	2021/22-2	Wet	12/14/2021 3:20:00 PM	1/17/2022 6:50:00 PM	Arsenic	Dissolved	=	1.1	µg/L	EPA 200.8	0.074	0.4	WKL	
MO-SIM	2021/22-2	Wet	12/14/2021 3:20:00 PM	1/17/2022 6:53:00 PM	Arsenic	Total	=	4.4	µg/L	EPA 200.8	0.074	0.4	WKL	
MO-SIM	2021/22-2	Wet	12/14/2021 3:20:00 PM	1/17/2022 6:53:00 PM	Barium	Total	=	94	µg/L	EPA 200.8	0.14	1	WKL	
MO-SIM	2021/22-2	Wet	12/14/2021 3:20:00 PM	1/17/2022 6:50:00 PM	Beryllium	Dissolved	<	0.062	µg/L	EPA 200.8	0.062	0.1	WKL	
MO-SIM	2021/22-2	Wet	12/14/2021 3:20:00 PM	1/17/2022 6:53:00 PM	Beryllium	Total	=	0.43	µg/L	EPA 200.8	0.062	0.1	WKL	
MO-SIM	2021/22-2	Wet	12/14/2021 3:20:00 PM	1/17/2022 6:53:00 PM	Cadmium	Dissolved	<	0.042	µg/L	EPA 200.8	0.042	0.2	WKL	
MO-SIM	2021/22-2	Wet	12/14/2021 3:20:00 PM	1/17/2022 6:53:00 PM	Cadmium	Total	=	0.44	µg/L	EPA 200.8	0.042	0.2	WKL	
MO-SIM	2021/22-2	Wet	12/14/2021 3:20:00 PM	1/17/2022 6:50:00 PM	Chromium	Dissolved	=	0.9	µg/L	EPA 200.8	0.089	0.2	WKL	
MO-SIM	2021/22-2	Wet	12/14/2021 3:20:00 PM	1/17/2022 6:53:00 PM	Chromium	Total	=	18	µg/L	EPA 200.8	0.089	0.2	WKL	
MO-SIM	2021/22-2	Wet	12/14/2021 3:20:00 PM	12/20/2021 4:15:00 PM	Chromium VI	n/a	=	0.69	µg/L	EPA 218.6	0.0079	0.02	WKL	
MO-SIM	2021/22-2	Wet	12/14/2021 3:20:00 PM	1/17/2022 6:50:00 PM	Copper	Dissolved	=	4.5	µg/L	EPA 200.8	0.23	0.5	WKL	
MO-SIM	2021/22-2	Wet	12/14/2021 3:20:00 PM	1/17/2022 6:53:00 PM	Copper	Total	=	29	µg/L	EPA 200.8	0.23	0.5	WKL	
MO-SIM	2021/22-2	Wet	12/14/2021 3:20:00 PM	1/17/2022 6:50:00 PM	Iron	Dissolved	=	49	µg/L	EPA 200.8	3.9	20	WKL	
MO-SIM	2021/22-2	Wet	12/14/2021 3:20:00 PM	1/17/2022 8:11:00 PM	Iron	Total	=	16000	µg/L	EPA 200.8	20	100	WKL	
MO-SIM	2021/22-2	Wet	12/14/2021 3:20:00 PM	1/17/2022 6:50:00 PM	Lead	Dissolved	DNQ	0.11	µg/L	EPA 200.8	0.083	0.2	WKL	
MO-SIM	2021/22-2	Wet	12/14/2021 3:20:00 PM	1/17/2022 6:53:00 PM	Lead	Total	=	14	µg/L	EPA 200.8	0.083	0.2	WKL	
MO-SIM	2021/22-2	Wet	12/14/2021 3:20:00 PM	12/28/2021 3:54:00 PM	Mercury	Dissolved	<	17	ng/L	EPA 245.1	17	50	WKL	
MO-SIM	2021/22-2	Wet	12/14/2021 3:20:00 PM	12/28/2021 3:56:00 PM	Mercury	Total	<	17	ng/L	EPA 245.1	17	50	WKL	
MO-SIM	2021/22-2	Wet	12/14/2021 3:20:00 PM	1/17/2022 6:50:00 PM	Nickel	Dissolved	DNQ	1.3	µg/L	EPA 200.8	0.16	2	WKL	
MO-SIM	2021/22-2	Wet	12/14/2021 3:20:00 PM	1/17/2022 6:53:00 PM	Nickel	Total	=	14	µg/L	EPA 200.8	0.16	2	WKL	
MO-SIM	2021/22-2	Wet	12/14/2021 3:20:00 PM	1/17/2022 6:50:00 PM	Selenium	Dissolved	=	1.4	µg/L	EPA 200.8	0.067	0.4	WKL	
MO-SIM	2021/22-2	Wet	12/14/2021 3:20:00 PM	1/17/2022 6:53:00 PM	Selenium	Total	=	1.7	µg/L	EPA 200.8	0.067	0.4	WKL	
MO-SIM	2021/22-2	Wet	12/14/2021 3:20:00 PM	1/17/2022 6:50:00 PM	Silver	Dissolved	<	0.03	µg/L	EPA 200.8	0.03	0.2	WKL	
MO-SIM	2021/22-2	Wet	12/14/2021 3:20:00 PM	1/17/2022 6:53:00 PM	Silver	Total	DNQ	0.052	µg/L	EPA 200.8	0.03	0.2	WKL	UL-MB
MO-SIM	2021/22-2	Wet	12/14/2021 3:20:00 PM	1/17/2022 6:50:00 PM	Thallium	Dissolved	<	0.021	µg/L	EPA 200.8	0.021	0.2	WKL	
MO-SIM	2021/22-2	Wet	12/14/2021 3:20:00 PM	1/17/2022 6:53:00 PM	Thallium	Total	DNQ	0.15	µg/L	EPA 200.8	0.021	0.2	WKL	
MO-SIM	2021/22-2	Wet	12/14/2021 3:20:00 PM	1/17/2022 6:50:00 PM	Zinc	Dissolved	DNQ	6	µg/L	EPA 200.8	0.8	10	WKL	
MO-SIM	2021/22-2	Wet	12/14/2021 3:20:00 PM	1/17/2022 6:53:00 PM	Zinc	Total	=	110	µg/L	EPA 200.8	0.8	10	WKL	
MO-SIM	2021/22-2	Wet	12/14/2021 3:20:00 PM	12/29/2021 3:46:00 PM	Ammonia as N	n/a	=	0.33	mg/L	EPA 350.1	0.017	0.1	WKL	
MO-SIM	2021/22-2	Wet	12/14/2021 3:20:00 PM	1/10/2022 4:54:00 PM	Nitrate + Nitrite as N	n/a	=	0.91	mg/L	EPA 353.2	0.036	0.2	WKL	
MO-SIM	2021/22-2	Wet	12/14/2021 3:20:00 PM	12/29/2021 6:56:00 PM	Phosphorus as P	Dissolved	=	0.23	mg/L	EPA 200.7	0.018	0.05	WKL	
MO-SIM	2021/22-2	Wet	12/14/2021 3:20:00 PM	12/29/2021 6:59:00 PM	Phosphorus as P	Total	=	0.91	mg/L	EPA 200.7	0.018	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	2021/22-2	Wet	12/14/2021 3:20:00 PM	1/6/2022 6:10:00 PM	TKN	n/a	=	2.1	mg/L	EPA 351.2	0.26	0.4	WKL	
MO-SIM	2021/22-2	Wet	12/14/2021 3:20:00 PM	1/19/2022 1:18:00 AM	1,2,4-Trichlorobenzene	n/a	<	0.49	µg/L	EPA 625.1	0.49	1	WKL	
MO-SIM	2021/22-2	Wet	12/14/2021 3:20:00 PM	1/19/2022 1:18:00 AM	1,2-Dichlorobenzene	n/a	<	0.46	µg/L	EPA 625.1	0.46	1	WKL	
MO-SIM	2021/22-2	Wet	12/14/2021 3:20:00 PM	1/19/2022 1:18:00 AM	1,2-Diphenylhydrazine	n/a	<	0.3	µg/L	EPA 625.1	0.3	1	WKL	
MO-SIM	2021/22-2	Wet	12/14/2021 3:20:00 PM	1/19/2022 1:18:00 AM	1,3-Dichlorobenzene	n/a	<	0.42	µg/L	EPA 625.1	0.42	1	WKL	
MO-SIM	2021/22-2	Wet	12/14/2021 3:20:00 PM	1/19/2022 1:18:00 AM	1,4-Dichlorobenzene	n/a	<	0.48	µg/L	EPA 625.1	0.48	1	WKL	
MO-SIM	2021/22-2	Wet	12/14/2021 3:20:00 PM	1/15/2022 1:17:00 PM	1-Methylnaphthalene	n/a	<	0.024	µg/L	EPA 8270C	0.024	0.1	WKL	
MO-SIM	2021/22-2	Wet	12/14/2021 3:20:00 PM	1/14/2022 7:05:00 AM	2,4,5-Trichlorophenol	n/a	<	0.29	µg/L	EPA 8270C	0.29	1	WKL	
MO-SIM	2021/22-2	Wet	12/14/2021 3:20:00 PM	1/19/2022 1:18:00 AM	2,4,6-Trichlorophenol	n/a	<	0.22	µg/L	EPA 625.1	0.22	1	WKL	
MO-SIM	2021/22-2	Wet	12/14/2021 3:20:00 PM	1/14/2022 7:05:00 AM	2,4,6-Trichlorophenol	n/a	<	0.3	µg/L	EPA 8270C	0.3	1	WKL	
MO-SIM	2021/22-2	Wet	12/14/2021 3:20:00 PM	1/19/2022 1:18:00 AM	2,4-Dichlorophenol	n/a	<	0.26	µg/L	EPA 625.1	0.26	1	WKL	
MO-SIM	2021/22-2	Wet	12/14/2021 3:20:00 PM	1/14/2022 7:05:00 AM	2,4-Dichlorophenol	n/a	<	0.51	µg/L	EPA 8270C	0.51	1	WKL	
MO-SIM	2021/22-2	Wet	12/14/2021 3:20:00 PM	1/19/2022 1:18:00 AM	2,4-Dimethylphenol	n/a	<	0.76	µg/L	EPA 625.1	0.76	1	WKL	LCSRPD, LB-L
MO-SIM	2021/22-2	Wet	12/14/2021 3:20:00 PM	1/14/2022 7:05:00 AM	2,4-Dimethylphenol	n/a	<	1	µg/L	EPA 8270C	1	2	WKL	EST-LCSRPD
MO-SIM	2021/22-2	Wet	12/14/2021 3:20:00 PM	1/19/2022 1:18:00 AM	2,4-Dinitrophenol	n/a	<	1.9	µg/L	EPA 625.1	1.9	10	WKL	
MO-SIM	2021/22-2	Wet	12/14/2021 3:20:00 PM	1/14/2022 7:05:00 AM	2,4-Dinitrophenol	n/a	<	1	µg/L	EPA 8270C	1	2	WKL	
MO-SIM	2021/22-2	Wet	12/14/2021 3:20:00 PM	1/19/2022 1:18:00 AM	2,4-Dinitrotoluene	n/a	<	0.46	µg/L	EPA 625.1	0.46	1	WKL	
MO-SIM	2021/22-2	Wet	12/14/2021 3:20:00 PM	1/19/2022 1:18:00 AM	2,6-Dinitrotoluene	n/a	<	0.27	µg/L	EPA 625.1	0.27	1	WKL	
MO-SIM	2021/22-2	Wet	12/14/2021 3:20:00 PM	1/19/2022 1:18:00 AM	2-Chloronaphthalene	n/a	<	0.45	µg/L	EPA 625.1	0.45	1	WKL	
MO-SIM	2021/22-2	Wet	12/14/2021 3:20:00 PM	1/19/2022 1:18:00 AM	2-Chlorophenol	n/a	<	0.28	µg/L	EPA 625.1	0.28	1	WKL	
MO-SIM	2021/22-2	Wet	12/14/2021 3:20:00 PM	1/14/2022 7:05:00 AM	2-Chlorophenol	n/a	<	0.65	µg/L	EPA 8270C	0.65	1	WKL	
MO-SIM	2021/22-2	Wet	12/14/2021 3:20:00 PM	1/15/2022 1:17:00 PM	2-Methylnaphthalene	n/a	<	0.026	µg/L	EPA 8270C	0.026	0.1	WKL	
MO-SIM	2021/22-2	Wet	12/14/2021 3:20:00 PM	1/14/2022 7:05:00 AM	2-Methylphenol	n/a	<	0.34	µg/L	EPA 8270C	0.34	1	WKL	
MO-SIM	2021/22-2	Wet	12/14/2021 3:20:00 PM	1/19/2022 1:18:00 AM	2-Nitrophenol	n/a	<	0.26	µg/L	EPA 625.1	0.26	1	WKL	
MO-SIM	2021/22-2	Wet	12/14/2021 3:20:00 PM	1/14/2022 7:05:00 AM	2-Nitrophenol	n/a	<	0.71	µg/L	EPA 8270C	0.71	1	WKL	
MO-SIM	2021/22-2	Wet	12/14/2021 3:20:00 PM	1/19/2022 1:18:00 AM	3,3'-Dichlorobenzidine	n/a	<	2.5	µg/L	EPA 625.1	2.5	5	WKL	
MO-SIM	2021/22-2	Wet	12/14/2021 3:20:00 PM	1/14/2022 7:05:00 AM	3-4-Methylphenol	n/a	<	0.3	µg/L	EPA 8270C	0.3	1	WKL	
MO-SIM	2021/22-2	Wet	12/14/2021 3:20:00 PM	1/19/2022 1:18:00 AM	4,6-Dinitro-2-methylphenol	n/a	<	0.5	µg/L	EPA 625.1	0.5	5	WKL	
MO-SIM	2021/22-2	Wet	12/14/2021 3:20:00 PM	1/14/2022 7:05:00 AM	4,6-Dinitro-2-methylphenol	n/a	<	0.14	µg/L	EPA 8270C	0.14	1	WKL	
MO-SIM	2021/22-2	Wet	12/14/2021 3:20:00 PM	1/19/2022 1:18:00 AM	4-Bromophenyl phenyl ether	n/a	<	0.36	µg/L	EPA 625.1	0.36	1	WKL	
MO-SIM	2021/22-2	Wet	12/14/2021 3:20:00 PM	1/19/2022 1:18:00 AM	4-Chloro-3-methylphenol	n/a	<	0.23	µg/L	EPA 625.1	0.23	1	WKL	
MO-SIM	2021/22-2	Wet	12/14/2021 3:20:00 PM	1/14/2022 7:05:00 AM	4-Chloro-3-methylphenol	n/a	<	0.37	µg/L	EPA 8270C	0.37	1	WKL	
MO-SIM	2021/22-2	Wet	12/14/2021 3:20:00 PM	1/19/2022 1:18:00 AM	4-Chlorophenyl phenyl ether	n/a	<	0.41	µg/L	EPA 625.1	0.41	1	WKL	
MO-SIM	2021/22-2	Wet	12/14/2021 3:20:00 PM	1/19/2022 1:18:00 AM	4-Nitrophenol	n/a	<	1.2	µg/L	EPA 625.1	1.2	5	WKL	
MO-SIM	2021/22-2	Wet	12/14/2021 3:20:00 PM	1/14/2022 7:05:00 AM	4-Nitrophenol	n/a	<	1	µg/L	EPA 8270C	1	2	WKL	
MO-SIM	2021/22-2	Wet	12/14/2021 3:20:00 PM	1/19/2022 1:18:00 AM	Acenaphthene	n/a	<	0.38	µg/L	EPA 625.1	0.38	1	WKL	
MO-SIM	2021/22-2	Wet	12/14/2021 3:20:00 PM	1/15/2022 1:17:00 PM	Acenaphthene	n/a	<	0.028	µg/L	EPA 8270C	0.028	0.1	WKL	
MO-SIM	2021/22-2	Wet	12/14/2021 3:20:00 PM	1/19/2022 1:18:00 AM	Acenaphthylene	n/a	<	0.35	µg/L	EPA 625.1	0.35	1	WKL	
MO-SIM	2021/22-2	Wet	12/14/2021 3:20:00 PM	1/15/2022 1:17:00 PM	Acenaphthylene	n/a	<	0.033	µg/L	EPA 8270C	0.033	0.1	WKL	
MO-SIM	2021/22-2	Wet	12/14/2021 3:20:00 PM	1/19/2022 1:18:00 AM	Anthracene	n/a	<	0.41	µg/L	EPA 625.1	0.41	1	WKL	
MO-SIM	2021/22-2	Wet	12/14/2021 3:20:00 PM	1/15/2022 1:17:00 PM	Anthracene	n/a	<	0.025	µg/L	EPA 8270C	0.025	0.1	WKL	
MO-SIM	2021/22-2	Wet	12/14/2021 3:20:00 PM	1/15/2022 1:17:00 PM	Benz(a)anthracene	n/a	<	0.051	µg/L	EPA 8270C	0.051	0.1	WKL	
MO-SIM	2021/22-2	Wet	12/14/2021 3:20:00 PM	1/19/2022 1:18:00 AM	Benz(a)anthracene	n/a	<	0.19	µg/L	EPA 625.1	0.19	1	WKL	
MO-SIM	2021/22-2	Wet	12/14/2021 3:20:00 PM	1/19/2022 1:18:00 AM	Benzenzidine	n/a	<	3.2	µg/L	EPA 625.1	3.2	10	WKL	
MO-SIM	2021/22-2	Wet	12/14/2021 3:20:00 PM	1/19/2022 1:18:00 AM	Benzo(a)pyrene	n/a	<	0.39	µg/L	EPA 625.1	0.39	1	WKL	
MO-SIM	2021/22-2	Wet	12/14/2021 3:20:00 PM	1/15/2022 1:17:00 PM	Benzo(a)pyrene	n/a	<	0.051	µg/L	EPA 8270C	0.051	0.1	WKL	
MO-SIM	2021/22-2	Wet	12/14/2021 3:20:00 PM	12/23/2021 9:56:00 PM	Benzo(a)pyrene	n/a	<	0.2	µg/L	EPA 525.2	0.2	1	WKL	
MO-SIM	2021/22-2	Wet	12/14/2021 3:20:00 PM	1/19/2022 1:18:00 AM	Benzo(b)fluoranthene	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-SIM	2021/22-2	Wet	12/14/2021 3:20:00 PM	1/15/2022 1:17:00 PM	Benzo(b)fluoranthene	n/a	<	0.074	µg/L	EPA 8270C	0.074	0.1	WKL	
MO-SIM	2021/22-2	Wet	12/14/2021 3:20:00 PM	1/19/2022 1:18:00 AM	Benzo(g,h,i)perylene	n/a	<	0.42	µg/L	EPA 625.1	0.42	2	WKL	
MO-SIM	2021/22-2	Wet	12/14/2021 3:20:00 PM	1/15/2022 1:17:00 PM	Benzo(g,h,i)perylene	n/a	<	0.05	µg/L	EPA 8270C	0.05	0.1	WKL	
MO-SIM	2021/22-2	Wet	12/14/2021 3:20:00 PM	1/19/2022 1:18:00 AM	Benzo(k)fluoranthene	n/a	<	0.22	µg/L	EPA 625.1	0.22	1	WKL	
MO-SIM	2021/22-2	Wet	12/14/2021 3:20:00 PM	1/15/2022 1:17:00 PM	Benzo(k)fluoranthene	n/a	<	0.026	µg/L	EPA 8270C	0.026	0.1	WKL	
MO-SIM	2021/22-2	Wet	12/14/2021 3:20:00 PM	1/19/2022 1:18:00 AM	Bis(2-chloroethoxy)methane	n/a	<	0.25	µg/L	EPA 625.1	0.25	1	WKL	
MO-SIM	2021/22-2	Wet	12/14/2021 3:20:00 PM	1/19/2022 1:18:00 AM	Bis(2-chloroethyl)ether	n/a	<	0.27	µg/L	EPA 625.1	0.27	1	WKL	
MO-SIM	2021/22-2	Wet	12/14/2021 3:20:00 PM	1/19/2022 1:18:00 AM	Bis(2-chloroisopropyl)ether	n/a	<	0.38	µg/L	EPA 625.1	0.38	1	WKL	
MO-SIM	2021/22-2	Wet	12/14/2021 3:20:00 PM	12/23/2021 9:56:00 PM	Bis(2-ethylhexyl)adipate	n/a	<	4.2	µg/L	EPA 525.2	4.2	50	WKL	
MO-SIM	2021/22-2	Wet	12/14/2021 3:20:00 PM	12/23/2021 9:56:00 PM	Bis(2-ethylhexyl)phthalate	n/a	<	4.1	µg/L	EPA 525.2	4.1	30	WKL	
MO-SIM	2021/22-2	Wet	12/14/2021 3:20:00 PM	1/19/2022 1:18:00 AM	Bis(2-ethylhexyl)phthalate	n/a	DNQ	2.4	µg/L	EPA 625.1	2.3	5	WKL	
MO-SIM	2021/22-2	Wet	12/14/2021 3:20:00 PM	1/19/2022 1:18:00 AM	Butyl benzyl phthalate	n/a	DNQ	0.65	µg/L	EPA 625.1	0.49	1	WKL	
MO-SIM	2021/22-2	Wet	12/14/2021 3:20:00 PM	1/15/2022 1:17:00 PM	Chrysene	n/a	<	0.074	µg/L	EPA 8270C	0.074	0.1	WKL	
MO-SIM	2021/22-2	Wet	12/14/2021 3:20:00 PM	1/19/2022 1:18:00 AM	Chrysene	n/a	<	0.19	µg/L	EPA 625.1	0.19	1	WKL	
MO-SIM	2021/22-2	Wet	12/14/2021 3:20:00 PM	1/19/2022 1:18:00 AM	Dibenz(a,h)anthracene	n/a	<	0.15	µg/L	EPA 625.1	0.15	2	WKL	
MO-SIM	2021/22-2	Wet	12/14/2021 3:20:00 PM	1/15/2022 1:17:00 PM	Dibenz(a,h)anthracene	n/a	<	0.036	µg/L	EPA 8270C	0.036	0.1	WKL	
MO-SIM	2021/22-2	Wet	12/14/2021 3:20:00 PM	1/19/2022 1:18:00 AM	Diethyl phthalate	n/a	<	0.35	µg/L	EPA 625.1	0.35	1	WKL	
MO-SIM	2021/22-2	Wet	12/14/2021 3:20:00 PM	1/19/2022 1:18:00 AM	Dimethyl phthalate	n/a	<	0.18	µg/L	EPA 625.1	0.18	1	WKL	
MO-SIM	2021/22-2	Wet	12/14/2021 3:20:00 PM	1/19/2022 1:18:00 AM	Di-n-butylphthalate	n/a	DNQ	0.44	µg/L	EPA 625.1	0.34	1	WKL	
MO-SIM	2021/22-2	Wet	12/14/2021 3:20:00 PM	1/19/2022 1:18:00 AM	Di-n-octylphthalate	n/a	<	0.46	µg/L	EPA 625.1	0.46	1	WKL	
MO-SIM	2021/22-2	Wet	12/14/2021 3:20:00 PM	1/19/2022 1:18:00 AM	Fluoranthene	n/a	<	0.35	µg/L	EPA 625.1	0.35	1	WKL	
MO-SIM	2021/22-2	Wet	12/14/2021 3:20:00 PM	1/15/2022 1:17:00 PM	Fluoranthene	n/a	DNQ	0.047	µg/L	EPA 8270C	0.039	0.1	WKL	
MO-SIM	2021/22-2	Wet	12/14/2021 3:20:00 PM	1/19/2022 1:18:00 AM	Fluorene	n/a	<	0.35	µg/L	EPA 625.1	0.35	1	WKL	
MO-SIM	2021/22-2	Wet	12/14/2021 3:20:00 PM	1/15/2022 1:17:00 PM	Fluorene	n/a	<	0.029	µg/L	EPA 8270C	0.029	0.1	WKL	
MO-SIM	2021/22-2	Wet	12/14/2021 3:20:00 PM	1/19/2022 1:18:00 AM	Hexachlorobenzene	n/a	<	0.49	µg/L	EPA 625.1	0.49	1	WKL	
MO-SIM	2021/22-2	Wet	12/14/2021 3:20:00 PM	1/19/2022 1:18:00 AM	Hexachlorobutadiene	n/a	<	0.47	µg/L	EPA 625.1	0.47	1	WKL	
MO-SIM	2021/22-2	Wet	12/14/2021 3:20:00 PM	12/23/2021 9:56:00 PM	Hexachlorocyclopentadiene	n/a	<	0.92	µg/L	EPA 525.2	0.92	10	WKL	
MO-SIM	2021/22-2	Wet	12/14/2021 3:20:00 PM	1/19/2022 1:18:00 AM	Hexachlorocyclopentadiene	n/a	<	0.31	µg/L	EPA 625.1	0.31	5	WKL	
MO-SIM	2021/22-2	Wet	12/14/2021 3:20:00 PM	1/19/2022 1:18:00 AM	Hexachloroethane	n/a	<	0.5	µg/L	EPA 625.1	0.5	1	WKL	
MO-SIM	2021/22-2	Wet	12/14/2021 3:20:00 PM	1/19/2022 1:18:00 AM	Indeno(1,2,3-cd)pyrene	n/a	<	0.25	µg/L	EPA 625.1	0.25	2	WKL	
MO-SIM	2021/22-2	Wet	12/14/2021 3:20:00 PM	1/15/2022 1:17:00 PM	Indeno(1,2,3-cd)pyrene	n/a	<	0.065	µg/L	EPA 8270C	0.065	0.1	WKL	
MO-SIM	2021/22-2	Wet	12/14/2021 3:20:00 PM	1/19/2022 1:18:00 AM	Isophorone	n/a	<	0.21	µg/L	EPA 625.1	0.21	1	WKL	
MO-SIM	2021/22-2	Wet	12/14/2021 3:20:00 PM	1/19/2022 1:18:00 AM	Naphthalene	n/a	<	0.49	µg/L	EPA 625.1	0.49	1	WKL	
MO-SIM	2021/22-2	Wet	12/14/2021 3:20:00 PM	1/15/2022 1:17:00 PM	Naphthalene	n/a	<	0.026	µg/L	EPA 8270C	0.026	0.1	WKL	
MO-SIM	2021/22-2	Wet	12/14/2021 3:20:00 PM	1/19/2022 1:18:00 AM	Nitrobenzene	n/a	<	0.36	µg/L	EPA 625.1	0.36	1	WKL	
MO-SIM	2021/22-2	Wet	12/14/2021 3:20:00 PM	1/19/2022 1:18:00 AM	N-Nitrosodimethylamine	n/a	<	0.5	µg/L	EPA 625.1	0.5	1	WKL	
MO-SIM	2021/22-2	Wet	12/14/2021 3:20:00 PM	1/19/2022 1:18:00 AM	N-Nitrosodi-N-propylamine	n/a	<	0.26	µg/L	EPA 625.1	0.26	1	WKL	
MO-SIM	2021/22-2	Wet	12/14/2021 3:20:00 PM	1/19/2022 1:18:00 AM	N-Nitrosodiphenylamine	n/a	<	0.19	µg/L	EPA 625.1	0.19	1	WKL	
MO-SIM	2021/22-2	Wet	12/14/2021 3:20:00 PM	1/19/2022 1:18:00 AM	Phenanthrene	n/a	<	0.32	µg/L	EPA 625.1	0.32	1	WKL	
MO-SIM	2021/22-2	Wet	12/14/2021 3:20:00 PM	1/15/2022 1:17:00 PM	Phenanthrene	n/a	<	0.029	µg/L	EPA 8270C	0.029	0.1	WKL	
MO-SIM	2021/22-2	Wet	12/14/2021 3:20:00 PM	1/19/2022 1:18:00 AM	Phenol	n/a	<	0.81	µg/L	EPA 625.1	0.81	1	WKL	
MO-SIM	2021/22-2	Wet	12/14/2021 3:20:00 PM	1/14/2022 7:05:00 AM	Phenol	n/a	<	0.35	µg/L	EPA 8270C	0.35	1	WKL	
MO-SIM	2021/22-2	Wet	12/14/2021 3:20:00 PM	1/15/2022 1:17:00 PM	Pyrene	n/a	DNQ	0.048	µg/L	EPA 8270C	0.04	0.1	WKL	
MO-SIM	2021/22-2	Wet	12/14/2021 3:20:00 PM	1/19/2022 1:18:00 AM	Pyrene	n/a	<	0.25	µg/L	EPA 625.1	0.25	1	WKL	
MO-SIM	2021/22-2	Wet	12/14/2021 3:20:00 PM	1/13/2022 12:35:00 PM	PCB Aroclor 1016	n/a	<	1	µg/L	EPA 608.3	1	1	WKL	
MO-SIM	2021/22-2	Wet	12/14/2021 3:20:00 PM	1/13/2022 12:35:00 PM	PCB Aroclor 1221	n/a	<	1	µg/L	EPA 608.3	1	1	WKL	
MO-SIM	2021/22-2	Wet	12/14/2021 3:20:00 PM	1/13/2022 12:35:00 PM	PCB Aroclor 1232	n/a	<	1	µg/L	EPA 608.3	1	1	WKL	
MO-SIM	2021/22-2	Wet	12/14/2021 3:20:00 PM	1/13/2022 12:35:00 PM	PCB Aroclor 1242	n/a	<	1	µg/L	EPA 608.3	1	1	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-SIM	2021/22-2	Wet	12/14/2021 3:20:00 PM	1/13/2022 12:35:00 PM	PCB Aroclor 1248	n/a	<	1	µg/L	EPA 608.3	1	1	WKL	
MO-SIM	2021/22-2	Wet	12/14/2021 3:20:00 PM	1/13/2022 12:35:00 PM	PCB Aroclor 1254	n/a	<	1	µg/L	EPA 608.3	1	1	WKL	
MO-SIM	2021/22-2	Wet	12/14/2021 3:20:00 PM	1/13/2022 12:35:00 PM	PCB Aroclor 1260	n/a	<	1	µg/L	EPA 608.3	1	1	WKL	
MO-SIM	2021/22-2	Wet	12/14/2021 3:20:00 PM	1/6/2022 10:52:00 PM	2,4,5-T	n/a	<	0.03	µg/L	EPA 515.4	0.03	0.2	WKL	
MO-SIM	2021/22-2	Wet	12/14/2021 3:20:00 PM	1/6/2022 10:52:00 PM	2,4,5-TP	n/a	<	0.026	µg/L	EPA 515.4	0.026	0.2	WKL	
MO-SIM	2021/22-2	Wet	12/14/2021 3:20:00 PM	1/6/2022 10:52:00 PM	2,4-D	n/a	<	1	µg/L	EPA 515.4	1	1	WKL	
MO-SIM	2021/22-2	Wet	12/14/2021 3:20:00 PM	1/6/2022 10:52:00 PM	2,4-DB	n/a	<	2	µg/L	EPA 515.4	2	2	WKL	
MO-SIM	2021/22-2	Wet	12/14/2021 3:20:00 PM	1/6/2022 10:52:00 PM	3,5-Dichlorobenzoic acid	n/a	<	0.12	µg/L	EPA 515.4	0.12	1	WKL	
MO-SIM	2021/22-2	Wet	12/14/2021 3:20:00 PM	1/13/2022 12:35:00 PM	4,4'-DDD	n/a	<	0.0014	µg/L	EPA 608.3	0.0014	0.1	WKL	
MO-SIM	2021/22-2	Wet	12/14/2021 3:20:00 PM	1/13/2022 12:35:00 PM	4,4'-DDE	n/a	DNQ	0.0031	µg/L	EPA 608.3	0.0014	0.1	WKL	
MO-SIM	2021/22-2	Wet	12/14/2021 3:20:00 PM	1/13/2022 12:35:00 PM	4,4'-DDT	n/a	<	0.0022	µg/L	EPA 608.3	0.0022	0.02	WKL	
MO-SIM	2021/22-2	Wet	12/14/2021 3:20:00 PM	1/6/2022 10:52:00 PM	Acifluorfen	n/a	<	0.03	µg/L	EPA 515.4	0.03	0.4	WKL	
MO-SIM	2021/22-2	Wet	12/14/2021 3:20:00 PM	12/23/2021 9:56:00 PM	Alachlor	n/a	<	0.3	µg/L	EPA 525.2	0.3	1	WKL	
MO-SIM	2021/22-2	Wet	12/14/2021 3:20:00 PM	1/13/2022 12:35:00 PM	Aldrin	n/a	<	0.002	µg/L	EPA 608.3	0.002	0.01	WKL	
MO-SIM	2021/22-2	Wet	12/14/2021 3:20:00 PM	1/13/2022 12:35:00 PM	alpha-BHC	n/a	<	0.0022	µg/L	EPA 608.3	0.0022	0.02	WKL	
MO-SIM	2021/22-2	Wet	12/14/2021 3:20:00 PM	1/13/2022 12:35:00 PM	alpha-Chlordane	n/a	<	0.0058	µg/L	EPA 608.3	0.0058	0.02	WKL	
MO-SIM	2021/22-2	Wet	12/14/2021 3:20:00 PM	12/23/2021 9:56:00 PM	Atrazine	n/a	<	0.11	µg/L	EPA 525.2	0.11	1	WKL	
MO-SIM	2021/22-2	Wet	12/14/2021 3:20:00 PM	12/28/2021 1:59:00 AM	Azinphos methyl	n/a	<	0.028	µg/L	EPA 625.1m	0.028	0.05	WKL	
MO-SIM	2021/22-2	Wet	12/14/2021 3:20:00 PM	1/6/2022 10:52:00 PM	Bentazon	n/a	<	0.23	µg/L	EPA 515.4	0.23	2	WKL	
MO-SIM	2021/22-2	Wet	12/14/2021 3:20:00 PM	1/13/2022 12:35:00 PM	beta-BHC	n/a	<	0.003	µg/L	EPA 608.3	0.003	0.01	WKL	
MO-SIM	2021/22-2	Wet	12/14/2021 3:20:00 PM	12/28/2021 1:59:00 AM	Bolstar	n/a	<	0.023	µg/L	EPA 625.1m	0.023	0.05	WKL	
MO-SIM	2021/22-2	Wet	12/14/2021 3:20:00 PM	12/23/2021 9:56:00 PM	Bromacil	n/a	<	0.7	µg/L	EPA 525.2	0.7	5	WKL	
MO-SIM	2021/22-2	Wet	12/14/2021 3:20:00 PM	12/23/2021 9:56:00 PM	Butachlor	n/a	<	0.12	µg/L	EPA 525.2	0.12	1	WKL	
MO-SIM	2021/22-2	Wet	12/14/2021 3:20:00 PM	12/23/2021 9:56:00 PM	Captan	n/a	<	3.2	µg/L	EPA 525.2	3.2	10	WKL	
MO-SIM	2021/22-2	Wet	12/14/2021 3:20:00 PM	1/13/2022 12:35:00 PM	Chlordane (technical)	n/a	<	0.2	µg/L	EPA 608.3	0.2	0.2	WKL	
MO-SIM	2021/22-2	Wet	12/14/2021 3:20:00 PM	12/23/2021 9:56:00 PM	Chlorpropham	n/a	<	0.4	µg/L	EPA 525.2	0.4	1	WKL	
MO-SIM	2021/22-2	Wet	12/14/2021 3:20:00 PM	12/28/2021 1:59:00 AM	Chlorpyrifos	n/a	<	0.034	µg/L	EPA 625.1m	0.034	0.05	WKL	
MO-SIM	2021/22-2	Wet	12/14/2021 3:20:00 PM	12/28/2021 1:59:00 AM	Coumaphos	n/a	<	0.026	µg/L	EPA 625.1m	0.026	0.05	WKL	
MO-SIM	2021/22-2	Wet	12/14/2021 3:20:00 PM	1/6/2022 10:52:00 PM	Dalapon	n/a	<	0.11	µg/L	EPA 515.4	0.11	0.4	WKL	
MO-SIM	2021/22-2	Wet	12/14/2021 3:20:00 PM	1/6/2022 10:52:00 PM	DCPA (Dacthal)	n/a	<	0.1	µg/L	EPA 515.4	0.1	0.1	WKL	
MO-SIM	2021/22-2	Wet	12/14/2021 3:20:00 PM	1/13/2022 12:35:00 PM	delta-BHC	n/a	<	0.0038	µg/L	EPA 608.3	0.0038	0.01	WKL	EST-LCSRPD
MO-SIM	2021/22-2	Wet	12/14/2021 3:20:00 PM	12/28/2021 1:59:00 AM	Demeton-O	n/a	<	0.05	µg/L	EPA 625.1m	0.05	0.05	WKL	
MO-SIM	2021/22-2	Wet	12/14/2021 3:20:00 PM	12/28/2021 1:59:00 AM	Demeton-S	n/a	<	0.05	µg/L	EPA 625.1m	0.05	0.05	WKL	LB-LCSR
MO-SIM	2021/22-2	Wet	12/14/2021 3:20:00 PM	12/23/2021 9:56:00 PM	Diazinon	n/a	<	0.22	µg/L	EPA 525.2	0.22	1	WKL	
MO-SIM	2021/22-2	Wet	12/14/2021 3:20:00 PM	12/28/2021 1:59:00 AM	Diazinon	n/a	<	0.026	µg/L	EPA 625.1m	0.026	0.05	WKL	
MO-SIM	2021/22-2	Wet	12/14/2021 3:20:00 PM	1/6/2022 10:52:00 PM	Dicamba	n/a	<	0.049	µg/L	EPA 515.4	0.049	0.6	WKL	
MO-SIM	2021/22-2	Wet	12/14/2021 3:20:00 PM	1/6/2022 10:52:00 PM	Dichlorprop	n/a	<	0.12	µg/L	EPA 515.4	0.12	0.3	WKL	
MO-SIM	2021/22-2	Wet	12/14/2021 3:20:00 PM	12/28/2021 1:59:00 AM	Dichlorvos	n/a	<	0.014	µg/L	EPA 625.1m	0.014	0.05	WKL	
MO-SIM	2021/22-2	Wet	12/14/2021 3:20:00 PM	1/13/2022 12:35:00 PM	Dieldrin	n/a	<	0.0016	µg/L	EPA 608.3	0.0016	0.02	WKL	
MO-SIM	2021/22-2	Wet	12/14/2021 3:20:00 PM	12/28/2021 1:59:00 AM	Dimethoate	n/a	<	0.031	µg/L	EPA 625.1m	0.031	0.05	WKL	LB-LCSR
MO-SIM	2021/22-2	Wet	12/14/2021 3:20:00 PM	12/23/2021 9:56:00 PM	Dimethoate	n/a	<	0.2	µg/L	EPA 525.2	0.2	2	WKL	
MO-SIM	2021/22-2	Wet	12/14/2021 3:20:00 PM	1/6/2022 10:52:00 PM	Dinoseb	n/a	<	0.033	µg/L	EPA 515.4	0.033	0.4	WKL	
MO-SIM	2021/22-2	Wet	12/14/2021 3:20:00 PM	12/23/2021 9:56:00 PM	Diphenamid	n/a	<	0.3	µg/L	EPA 525.2	0.3	1	WKL	
MO-SIM	2021/22-2	Wet	12/14/2021 3:20:00 PM	12/23/2021 9:56:00 PM	Disulfoton	n/a	<	0.15	µg/L	EPA 525.2	0.15	1	WKL	
MO-SIM	2021/22-2	Wet	12/14/2021 3:20:00 PM	12/28/2021 1:59:00 AM	Disulfoton	n/a	<	0.05	µg/L	EPA 625.1m	0.05	0.05	WKL	
MO-SIM	2021/22-2	Wet	12/14/2021 3:20:00 PM	1/13/2022 12:35:00 PM	Endosulfan I	n/a	<	0.0018	µg/L	EPA 608.3	0.0018	0.04	WKL	
MO-SIM	2021/22-2	Wet	12/14/2021 3:20:00 PM	1/13/2022 12:35:00 PM	Endosulfan II	n/a	<	0.0014	µg/L	EPA 608.3	0.0014	0.02	WKL	
MO-SIM	2021/22-2	Wet	12/14/2021 3:20:00 PM	1/13/2022 12:35:00 PM	Endosulfan sulfate	n/a	<	0.0026	µg/L	EPA 608.3	0.0026	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	2021/22-2	Wet	12/14/2021 3:20:00 PM	1/13/2022 12:35:00 PM	Endrin	n/a	<	0.0034	µg/L	EPA 608.3	0.0034	0.02	WKL	
MO-SIM	2021/22-2	Wet	12/14/2021 3:20:00 PM	1/13/2022 12:35:00 PM	Endrin aldehyde	n/a	<	0.0038	µg/L	EPA 608.3	0.0038	0.02	WKL	
MO-SIM	2021/22-2	Wet	12/14/2021 3:20:00 PM	12/23/2021 9:56:00 PM	EPTC	n/a	<	0.2	µg/L	EPA 525.2	0.2	1	WKL	
MO-SIM	2021/22-2	Wet	12/14/2021 3:20:00 PM	12/28/2021 1:59:00 AM	Ethoprop	n/a	<	0.034	µg/L	EPA 625.1m	0.034	0.05	WKL	LB-LCSR
MO-SIM	2021/22-2	Wet	12/14/2021 3:20:00 PM	12/28/2021 1:59:00 AM	Ethyl parathion	n/a	<	0.027	µg/L	EPA 625.1m	0.027	0.05	WKL	
MO-SIM	2021/22-2	Wet	12/14/2021 3:20:00 PM	12/28/2021 1:59:00 AM	Fensulfothion	n/a	<	0.014	µg/L	EPA 625.1m	0.014	0.05	WKL	
MO-SIM	2021/22-2	Wet	12/14/2021 3:20:00 PM	12/28/2021 1:59:00 AM	Fenthion	n/a	<	0.019	µg/L	EPA 625.1m	0.019	0.05	WKL	
MO-SIM	2021/22-2	Wet	12/14/2021 3:20:00 PM	1/13/2022 12:35:00 PM	gamma-BHC (Lindane)	n/a	<	0.0008	µg/L	EPA 608.3	0.0008	0.04	WKL	
MO-SIM	2021/22-2	Wet	12/14/2021 3:20:00 PM	1/13/2022 12:35:00 PM	gamma-Chlordane	n/a	<	0.0046	µg/L	EPA 608.3	0.0046	0.02	WKL	
MO-SIM	2021/22-2	Wet	12/14/2021 3:20:00 PM	12/17/2021 5:02:00 AM	Glyphosate	n/a	=	9.4	µg/L	EPA 547	1.8	5	WKL	
MO-SIM	2021/22-2	Wet	12/14/2021 3:20:00 PM	1/13/2022 12:35:00 PM	Heptachlor	n/a	<	0.0012	µg/L	EPA 608.3	0.0012	0.02	WKL	
MO-SIM	2021/22-2	Wet	12/14/2021 3:20:00 PM	1/13/2022 12:35:00 PM	Heptachlor epoxide	n/a	<	0.0008	µg/L	EPA 608.3	0.0008	0.02	WKL	
MO-SIM	2021/22-2	Wet	12/14/2021 3:20:00 PM	12/28/2021 1:59:00 AM	Malathion	n/a	<	0.038	µg/L	EPA 625.1m	0.038	0.05	WKL	
MO-SIM	2021/22-2	Wet	12/14/2021 3:20:00 PM	12/28/2021 1:59:00 AM	Merphos	n/a	<	0.029	µg/L	EPA 625.1m	0.029	0.05	WKL	
MO-SIM	2021/22-2	Wet	12/14/2021 3:20:00 PM	12/28/2021 1:59:00 AM	Methyl parathion	n/a	<	0.032	µg/L	EPA 625.1m	0.032	0.05	WKL	
MO-SIM	2021/22-2	Wet	12/14/2021 3:20:00 PM	12/23/2021 9:56:00 PM	Metolachlor	n/a	<	0.3	µg/L	EPA 525.2	0.3	1	WKL	
MO-SIM	2021/22-2	Wet	12/14/2021 3:20:00 PM	12/23/2021 9:56:00 PM	Metribuzin	n/a	<	0.3	µg/L	EPA 525.2	0.3	1	WKL	
MO-SIM	2021/22-2	Wet	12/14/2021 3:20:00 PM	12/28/2021 1:59:00 AM	Mevinphos	n/a	<	0.021	µg/L	EPA 625.1m	0.021	0.05	WKL	LB-LCSR
MO-SIM	2021/22-2	Wet	12/14/2021 3:20:00 PM	12/23/2021 9:56:00 PM	Molinate	n/a	<	0.3	µg/L	EPA 525.2	0.3	1	WKL	
MO-SIM	2021/22-2	Wet	12/14/2021 3:20:00 PM	12/28/2021 1:59:00 AM	Naled	n/a	<	0.038	µg/L	EPA 625.1m	0.038	0.05	WKL	
MO-SIM	2021/22-2	Wet	12/14/2021 3:20:00 PM	1/6/2022 10:52:00 PM	Pentachlorophenol	n/a	=	0.3	µg/L	EPA 515.4	0.046	0.2	WKL	
MO-SIM	2021/22-2	Wet	12/14/2021 3:20:00 PM	1/19/2022 1:18:00 AM	Pentachlorophenol	n/a	=	1.6	µg/L	EPA 625.1	0.4	1	WKL	HB-LCSR
MO-SIM	2021/22-2	Wet	12/14/2021 3:20:00 PM	1/14/2022 7:05:00 AM	Pentachlorophenol	n/a	DNQ	0.8	µg/L	EPA 8270C	0.15	1	WKL	
MO-SIM	2021/22-2	Wet	12/14/2021 3:20:00 PM	12/28/2021 1:59:00 AM	Phorate	n/a	<	0.015	µg/L	EPA 625.1m	0.015	0.05	WKL	
MO-SIM	2021/22-2	Wet	12/14/2021 3:20:00 PM	1/6/2022 10:52:00 PM	Picloram	n/a	<	0.05	µg/L	EPA 515.4	0.05	0.6	WKL	
MO-SIM	2021/22-2	Wet	12/14/2021 3:20:00 PM	12/23/2021 9:56:00 PM	Prometryn	n/a	<	0.3	µg/L	EPA 525.2	0.3	1	WKL	
MO-SIM	2021/22-2	Wet	12/14/2021 3:20:00 PM	12/28/2021 1:59:00 AM	Ronnel (Fenchlorphos)	n/a	<	0.02	µg/L	EPA 625.1m	0.02	0.05	WKL	
MO-SIM	2021/22-2	Wet	12/14/2021 3:20:00 PM	12/23/2021 9:56:00 PM	Simazine	n/a	<	0.2	µg/L	EPA 525.2	0.2	1	WKL	
MO-SIM	2021/22-2	Wet	12/14/2021 3:20:00 PM	12/28/2021 1:59:00 AM	Stirophos (Tetrachlorvinphos)	n/a	<	0.016	µg/L	EPA 625.1m	0.016	0.05	WKL	
MO-SIM	2021/22-2	Wet	12/14/2021 3:20:00 PM	12/23/2021 9:56:00 PM	Terbacil	n/a	<	0.9	µg/L	EPA 525.2	0.9	20	WKL	
MO-SIM	2021/22-2	Wet	12/14/2021 3:20:00 PM	12/23/2021 9:56:00 PM	Thiobencarb	n/a	<	0.3	µg/L	EPA 525.2	0.3	1	WKL	
MO-SIM	2021/22-2	Wet	12/14/2021 3:20:00 PM	12/28/2021 1:59:00 AM	Tokuthion	n/a	<	0.039	µg/L	EPA 625.1m	0.039	0.05	WKL	
MO-SIM	2021/22-2	Wet	12/14/2021 3:20:00 PM	1/13/2022 12:35:00 PM	Toxaphene	n/a	<	2	µg/L	EPA 608.3	2	2	WKL	
MO-SIM	2021/22-2	Wet	12/14/2021 3:20:00 PM	12/28/2021 1:59:00 AM	Trichloronate	n/a	<	0.034	µg/L	EPA 625.1m	0.034	0.05	WKL	
MO-SIM	2021/22-2	Wet	12/14/2021 3:20:00 PM	12/23/2021 9:56:00 PM	Trithion	n/a	<	0.2	µg/L	EPA 525.2	0.2	1	WKL	
MO-SIM	2021/22-3	Wet	3/28/2022 10:30:00 AM	3/29/2022 11:20:00 AM	E. Coli	n/a	=	18500	MPN/100 mL	MMO-MUG	100	100	VCHCA	
MO-SIM	2021/22-3	Wet	3/28/2022 10:30:00 AM	3/29/2022 11:20:00 AM	Total Coliform	n/a	=	241960	MPN/100 mL	MMO-MUG	100	100	VCHCA	
MO-SIM	2021/22-3	Wet	3/28/2022 10:30:00 AM	3/28/2022 10:30:00 AM	Conductivity	n/a	=	139.9	µmhos/cm	Field Meter	-88	1	Field Crew	
MO-SIM	2021/22-3	Wet	3/28/2022 10:30:00 AM	4/6/2022 1:57:00 PM	Cyanide	Total	<	0.0012	mg/L	ASTM D7511	0.0012	0.002	WKL	
MO-SIM	2021/22-3	Wet	3/28/2022 10:30:00 AM	3/28/2022 10:30:00 AM	DO	n/a	=	66.2	%	Field Meter	-88	0.1	Field Crew	
MO-SIM	2021/22-3	Wet	3/28/2022 10:30:00 AM	3/28/2022 10:30:00 AM	DO	n/a	=	6.78	mg/L	Field Meter	-88	0.3	Field Crew	
MO-SIM	2021/22-3	Wet	3/28/2022 10:30:00 AM	3/28/2022 10:30:00 AM	pH	n/a	=	7.43	pH Units	Field Meter	-88	0.01	Field Crew	
MO-SIM	2021/22-3	Wet	3/28/2022 10:30:00 AM	3/28/2022 10:30:00 AM	Salinity	n/a	=	100	mg/L	Field Meter	-88	100	Field Crew	
MO-SIM	2021/22-3	Wet	3/28/2022 10:30:00 AM	3/28/2022 10:30:00 AM	Specific Conductance	n/a	=	176.6	µmhos/cm	Field Meter	-88	1	Field Crew	
MO-SIM	2021/22-3	Wet	3/28/2022 10:30:00 AM	3/28/2022 10:30:00 AM	Temperature	n/a	=	14.6	°C	Field Meter	-88	0.1	Field Crew	
MO-SIM	2021/22-3	Wet	3/28/2022 10:30:00 AM	3/30/2022 11:35:00 AM	Gasoline Range Organics	n/a	<	0.065	mg/L	EPA 8260B	0.065	0.1	WKL	
MO-SIM	2021/22-3	Wet	3/28/2022 10:30:00 AM	4/4/2022 1:14:00 PM	Oil and Grease	n/a	DNQ	2	mg/L	EPA 1664B	0.7	4.5	WKL	
MO-SIM	2021/22-3	Wet	3/28/2022 11:18:00 AM	4/1/2022 4:32:00 PM	Chloride	n/a	=	22	mg/L	EPA 300.0	0.38	1	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-SIM	2021/22-3	Wet	3/28/2022 11:18:00 AM	4/1/2022 4:32:00 PM	Fluoride	n/a	DNQ	0.16	mg/L	EPA 300.0	0.018	0.2	WKL	
MO-SIM	2021/22-3	Wet	3/28/2022 11:18:00 AM	4/1/2022 9:19:00 PM	Perchlorate	n/a	<	0.78	µg/L	EPA 314.0	0.78	4	WKL	
MO-SIM	2021/22-3	Wet	3/28/2022 11:18:00 AM	4/7/2022 6:43:00 PM	Calcium	Total	=	69.2	mg/L	EPA 200.7	0.0234	0.5	WKL	
MO-SIM	2021/22-3	Wet	3/28/2022 11:18:00 AM	4/7/2022 6:43:00 PM	Magnesium	Total	=	13.2	mg/L	EPA 200.7	0.039	0.5	WKL	
MO-SIM	2021/22-3	Wet	3/28/2022 11:18:00 AM	3/31/2022 1:24:00 PM	Alkalinity as CaCO3	n/a	=	64	mg/L	SM 2320 B	1.9	5	WKL	
MO-SIM	2021/22-3	Wet	3/28/2022 11:18:00 AM	4/3/2022 1:56:00 PM	BOD	n/a	=	26	mg/L	SM 5210 B	2	2	WKL	
MO-SIM	2021/22-3	Wet	3/28/2022 11:18:00 AM	4/7/2022 1:14:00 PM	COD	n/a	=	55	mg/L	EPA 410.4	2.9	5	WKL	
MO-SIM	2021/22-3	Wet	3/28/2022 11:18:00 AM	4/7/2022 6:43:00 PM	Hardness as CaCO3	Total	=	227	mg/L	EPA 200.7	0.219	3.31	WKL	
MO-SIM	2021/22-3	Wet	3/28/2022 11:18:00 AM	3/29/2022 5:53:00 PM	MBAS	n/a	=	0.071	mg/L	SM 5540 C	0.013	0.05	WKL	
MO-SIM	2021/22-3	Wet	3/28/2022 11:18:00 AM	4/11/2022 12:28:00 PM	Phenolics	n/a	=	0.017	mg/L	EPA 420.4	0.0068	0.01	WKL	
MO-SIM	2021/22-3	Wet	3/28/2022 11:18:00 AM	3/29/2022 5:07:00 PM	Specific Conductance	n/a	=	390	µmhos/cm	SM 2510 B	1.1	2	WKL	
MO-SIM	2021/22-3	Wet	3/28/2022 11:18:00 AM	3/31/2022 1:01:00 PM	Total Dissolved Solids	n/a	=	290	mg/L	SM 2540 C	4	10	WKL	
MO-SIM	2021/22-3	Wet	3/28/2022 11:18:00 AM	3/29/2022 7:10:00 PM	Total Organic Carbon	n/a	=	21	mg/L	SM 5310 B	0.19	0.3	WKL	
MO-SIM	2021/22-3	Wet	3/28/2022 11:18:00 AM	4/2/2022 11:00:00 AM	Total Suspended Solids	n/a	=	460	mg/L	SM 2540 D	-88	5	WKL	
MO-SIM	2021/22-3	Wet	3/28/2022 11:18:00 AM	3/29/2022 3:08:00 PM	Turbidity	n/a	=	41	NTU	EPA 180.1	0.17	1	WKL	
MO-SIM	2021/22-3	Wet	3/28/2022 11:18:00 AM	4/2/2022 11:00:00 AM	Volatile Suspended Solids	n/a	=	64	mg/L	EPA 160.4	3.1	5	WKL	
MO-SIM	2021/22-3	Wet	3/28/2022 11:18:00 AM	4/1/2022 10:26:00 AM	Diesel Range Organics	n/a	=	0.46	mg/L	EPA 8015B	0.14	0.2	WKL	
MO-SIM	2021/22-3	Wet	3/28/2022 11:18:00 AM	4/1/2022 10:26:00 AM	Oil Range Organics	n/a	<	0.66	mg/L	EPA 8015B	0.66	1	WKL	
MO-SIM	2021/22-3	Wet	3/28/2022 11:18:00 AM	4/7/2022 1:04:00 PM	Aluminum	Dissolved	DNQ	15	µg/L	EPA 200.8	4.4	20	WKL	
MO-SIM	2021/22-3	Wet	3/28/2022 11:18:00 AM	4/7/2022 1:07:00 PM	Aluminum	Total	=	6100	µg/L	EPA 200.8	4.4	20	WKL	
MO-SIM	2021/22-3	Wet	3/28/2022 11:18:00 AM	4/7/2022 1:04:00 PM	Antimony	Dissolved	=	0.64	µg/L	EPA 200.8	0.089	0.5	WKL	
MO-SIM	2021/22-3	Wet	3/28/2022 11:18:00 AM	4/7/2022 1:07:00 PM	Antimony	Total	=	1.7	µg/L	EPA 200.8	0.089	0.5	WKL	
MO-SIM	2021/22-3	Wet	3/28/2022 11:18:00 AM	4/7/2022 1:04:00 PM	Arsenic	Dissolved	=	1.3	µg/L	EPA 200.8	0.074	0.4	WKL	
MO-SIM	2021/22-3	Wet	3/28/2022 11:18:00 AM	4/7/2022 1:07:00 PM	Arsenic	Total	=	5.3	µg/L	EPA 200.8	0.074	0.4	WKL	
MO-SIM	2021/22-3	Wet	3/28/2022 11:18:00 AM	4/7/2022 1:07:00 PM	Barium	Total	=	88	µg/L	EPA 200.8	0.14	1	WKL	
MO-SIM	2021/22-3	Wet	3/28/2022 11:18:00 AM	4/7/2022 1:04:00 PM	Beryllium	Dissolved	<	0.062	µg/L	EPA 200.8	0.062	0.1	WKL	
MO-SIM	2021/22-3	Wet	3/28/2022 11:18:00 AM	4/7/2022 1:07:00 PM	Beryllium	Total	=	0.24	µg/L	EPA 200.8	0.029	0.1	WKL	
MO-SIM	2021/22-3	Wet	3/28/2022 11:18:00 AM	4/7/2022 1:04:00 PM	Cadmium	Dissolved	<	0.042	µg/L	EPA 200.8	0.042	0.2	WKL	
MO-SIM	2021/22-3	Wet	3/28/2022 11:18:00 AM	4/7/2022 1:07:00 PM	Cadmium	Total	=	0.83	µg/L	EPA 200.8	0.042	0.2	WKL	
MO-SIM	2021/22-3	Wet	3/28/2022 11:18:00 AM	4/7/2022 1:04:00 PM	Chromium	Dissolved	=	0.62	µg/L	EPA 200.8	0.089	0.2	WKL	
MO-SIM	2021/22-3	Wet	3/28/2022 11:18:00 AM	4/7/2022 1:07:00 PM	Chromium	Total	=	12	µg/L	EPA 200.8	0.089	0.2	WKL	
MO-SIM	2021/22-3	Wet	3/28/2022 11:18:00 AM	4/6/2022 6:16:00 PM	Chromium VI	n/a	=	0.38	µg/L	EPA 218.6	0.0079	0.02	WKL	
MO-SIM	2021/22-3	Wet	3/28/2022 11:18:00 AM	4/7/2022 1:04:00 PM	Copper	Dissolved	=	4.8	µg/L	EPA 200.8	0.23	0.5	WKL	
MO-SIM	2021/22-3	Wet	3/28/2022 11:18:00 AM	4/7/2022 1:07:00 PM	Copper	Total	=	30	µg/L	EPA 200.8	0.23	0.5	WKL	
MO-SIM	2021/22-3	Wet	3/28/2022 11:18:00 AM	4/7/2022 1:04:00 PM	Iron	Dissolved	=	67	µg/L	EPA 200.8	3.9	20	WKL	
MO-SIM	2021/22-3	Wet	3/28/2022 11:18:00 AM	4/7/2022 1:07:00 PM	Iron	Total	=	9500	µg/L	EPA 200.8	3.9	20	WKL	
MO-SIM	2021/22-3	Wet	3/28/2022 11:18:00 AM	4/7/2022 1:04:00 PM	Lead	Dissolved	=	0.2	µg/L	EPA 200.8	0.083	0.2	WKL	UL-MB
MO-SIM	2021/22-3	Wet	3/28/2022 11:18:00 AM	4/7/2022 1:07:00 PM	Lead	Total	=	11	µg/L	EPA 200.8	0.083	0.2	WKL	
MO-SIM	2021/22-3	Wet	3/28/2022 11:18:00 AM	3/31/2022 11:39:00 AM	Mercury	Dissolved	DNQ	20	ng/L	EPA 245.1	17	50	WKL	
MO-SIM	2021/22-3	Wet	3/28/2022 11:18:00 AM	3/31/2022 11:41:00 AM	Mercury	Total	=	120	ng/L	EPA 245.1	17	50	WKL	
MO-SIM	2021/22-3	Wet	3/28/2022 11:18:00 AM	4/7/2022 1:04:00 PM	Nickel	Dissolved	=	2.4	µg/L	EPA 200.8	0.16	2	WKL	
MO-SIM	2021/22-3	Wet	3/28/2022 11:18:00 AM	4/7/2022 1:07:00 PM	Nickel	Total	=	14	µg/L	EPA 200.8	0.16	2	WKL	
MO-SIM	2021/22-3	Wet	3/28/2022 11:18:00 AM	4/7/2022 1:04:00 PM	Selenium	Dissolved	=	1.4	µg/L	EPA 200.8	0.067	0.4	WKL	
MO-SIM	2021/22-3	Wet	3/28/2022 11:18:00 AM	4/7/2022 1:07:00 PM	Selenium	Total	=	1.8	µg/L	EPA 200.8	0.067	0.4	WKL	
MO-SIM	2021/22-3	Wet	3/28/2022 11:18:00 AM	4/7/2022 1:04:00 PM	Silver	Dissolved	<	0.03	µg/L	EPA 200.8	0.03	0.2	WKL	
MO-SIM	2021/22-3	Wet	3/28/2022 11:18:00 AM	4/7/2022 1:07:00 PM	Silver	Total	<	0.13	µg/L	EPA 200.8	0.13	0.2	WKL	
MO-SIM	2021/22-3	Wet	3/28/2022 11:18:00 AM	4/7/2022 1:04:00 PM	Thallium	Dissolved	<	0.021	µg/L	EPA 200.8	0.021	0.2	WKL	
MO-SIM	2021/22-3	Wet	3/28/2022 11:18:00 AM	4/7/2022 1:07:00 PM	Thallium	Total	DNQ	0.094	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	2021/22-3	Wet	3/28/2022 11:18:00 AM	4/7/2022 1:04:00 PM	Zinc	Dissolved	=	13	µg/L	EPA 200.8	0.8	10	WKL	
MO-SIM	2021/22-3	Wet	3/28/2022 11:18:00 AM	4/7/2022 1:07:00 PM	Zinc	Total	=	130	µg/L	EPA 200.8	1.7	10	WKL	
MO-SIM	2021/22-3	Wet	3/28/2022 11:18:00 AM	4/4/2022 4:16:00 PM	Ammonia as N	n/a	=	0.62	mg/L	EPA 350.1	0.017	0.1	WKL	
MO-SIM	2021/22-3	Wet	3/28/2022 11:18:00 AM	4/9/2022 3:04:00 PM	Nitrate + Nitrite as N	n/a	=	0.99	mg/L	EPA 353.2	0.036	0.2	WKL	
MO-SIM	2021/22-3	Wet	3/28/2022 11:18:00 AM	4/7/2022 6:40:00 PM	Phosphorus as P	Dissolved	=	0.2	mg/L	EPA 200.7	0.018	0.05	WKL	
MO-SIM	2021/22-3	Wet	3/28/2022 11:18:00 AM	4/7/2022 6:43:00 PM	Phosphorus as P	Total	=	0.85	mg/L	EPA 200.7	0.018	0.05	WKL	
MO-SIM	2021/22-3	Wet	3/28/2022 11:18:00 AM	4/6/2022 4:43:00 PM	TKN	n/a	=	3.6	mg/L	EPA 351.2	0.13	0.2	WKL	
MO-SIM	2021/22-3	Wet	3/28/2022 11:18:00 AM	4/28/2022 5:01:00 AM	1,2,4-Trichlorobenzene	n/a	<	2.4	µg/L	EPA 625.1	2.4	5	WKL	
MO-SIM	2021/22-3	Wet	3/28/2022 11:18:00 AM	4/28/2022 5:01:00 AM	1,2-Dichlorobenzene	n/a	<	2.3	µg/L	EPA 625.1	2.3	5	WKL	
MO-SIM	2021/22-3	Wet	3/28/2022 11:18:00 AM	4/28/2022 5:01:00 AM	1,2-Diphenylhydrazine	n/a	<	1.5	µg/L	EPA 625.1	1.5	5	WKL	
MO-SIM	2021/22-3	Wet	3/28/2022 11:18:00 AM	4/28/2022 5:01:00 AM	1,3-Dichlorobenzene	n/a	<	2.1	µg/L	EPA 625.1	2.1	5	WKL	
MO-SIM	2021/22-3	Wet	3/28/2022 11:18:00 AM	4/28/2022 5:01:00 AM	1,4-Dichlorobenzene	n/a	<	2.4	µg/L	EPA 625.1	2.4	5	WKL	
MO-SIM	2021/22-3	Wet	3/28/2022 11:18:00 AM	4/20/2022 11:36:00 AM	1-Methylnaphthalene	n/a	<	0.12	µg/L	EPA 8270C	0.12	0.5	WKL	
MO-SIM	2021/22-3	Wet	3/28/2022 11:18:00 AM	4/29/2022 9:37:00 AM	2,4,5-Trichlorophenol	n/a	<	1.4	µg/L	EPA 8270C	1.4	5	WKL	
MO-SIM	2021/22-3	Wet	3/28/2022 11:18:00 AM	4/29/2022 9:37:00 AM	2,4,6-Trichlorophenol	n/a	<	1.5	µg/L	EPA 8270C	1.5	5	WKL	
MO-SIM	2021/22-3	Wet	3/28/2022 11:18:00 AM	4/28/2022 5:01:00 AM	2,4,6-Trichlorophenol	n/a	<	1.1	µg/L	EPA 625.1	1.1	5	WKL	
MO-SIM	2021/22-3	Wet	3/28/2022 11:18:00 AM	4/29/2022 9:37:00 AM	2,4-Dichlorophenol	n/a	<	2.6	µg/L	EPA 8270C	2.6	5	WKL	
MO-SIM	2021/22-3	Wet	3/28/2022 11:18:00 AM	4/28/2022 5:01:00 AM	2,4-Dichlorophenol	n/a	<	1.3	µg/L	EPA 625.1	1.3	5	WKL	
MO-SIM	2021/22-3	Wet	3/28/2022 11:18:00 AM	4/29/2022 9:37:00 AM	2,4-Dimethylphenol	n/a	<	5	µg/L	EPA 8270C	5	10	WKL	
MO-SIM	2021/22-3	Wet	3/28/2022 11:18:00 AM	4/28/2022 5:01:00 AM	2,4-Dimethylphenol	n/a	<	3.8	µg/L	EPA 625.1	3.8	5	WKL	
MO-SIM	2021/22-3	Wet	3/28/2022 11:18:00 AM	4/29/2022 9:37:00 AM	2,4-Dinitrophenol	n/a	<	5	µg/L	EPA 8270C	5	10	WKL	
MO-SIM	2021/22-3	Wet	3/28/2022 11:18:00 AM	4/28/2022 5:01:00 AM	2,4-Dinitrophenol	n/a	<	9.4	µg/L	EPA 625.1	9.4	50	WKL	
MO-SIM	2021/22-3	Wet	3/28/2022 11:18:00 AM	4/28/2022 5:01:00 AM	2,4-Dinitrotoluene	n/a	<	2.3	µg/L	EPA 625.1	2.3	5	WKL	
MO-SIM	2021/22-3	Wet	3/28/2022 11:18:00 AM	4/28/2022 5:01:00 AM	2,6-Dinitrotoluene	n/a	<	1.4	µg/L	EPA 625.1	1.4	5	WKL	
MO-SIM	2021/22-3	Wet	3/28/2022 11:18:00 AM	4/28/2022 5:01:00 AM	2-Chloronaphthalene	n/a	<	2.2	µg/L	EPA 625.1	2.2	5	WKL	
MO-SIM	2021/22-3	Wet	3/28/2022 11:18:00 AM	4/28/2022 5:01:00 AM	2-Chlorophenol	n/a	<	1.4	µg/L	EPA 625.1	1.4	5	WKL	
MO-SIM	2021/22-3	Wet	3/28/2022 11:18:00 AM	4/29/2022 9:37:00 AM	2-Chlorophenol	n/a	<	3.2	µg/L	EPA 8270C	3.2	5	WKL	
MO-SIM	2021/22-3	Wet	3/28/2022 11:18:00 AM	4/20/2022 11:36:00 AM	2-Methylnaphthalene	n/a	<	0.13	µg/L	EPA 8270C	0.13	0.5	WKL	
MO-SIM	2021/22-3	Wet	3/28/2022 11:18:00 AM	4/29/2022 9:37:00 AM	2-Methylphenol	n/a	<	1.7	µg/L	EPA 8270C	1.7	5	WKL	
MO-SIM	2021/22-3	Wet	3/28/2022 11:18:00 AM	4/28/2022 5:01:00 AM	2-Nitrophenol	n/a	<	1.3	µg/L	EPA 625.1	1.3	5	WKL	
MO-SIM	2021/22-3	Wet	3/28/2022 11:18:00 AM	4/29/2022 9:37:00 AM	2-Nitrophenol	n/a	<	3.6	µg/L	EPA 8270C	3.6	5	WKL	
MO-SIM	2021/22-3	Wet	3/28/2022 11:18:00 AM	4/28/2022 5:01:00 AM	3,3'-Dichlorobenzidine	n/a	<	12	µg/L	EPA 625.1	12	25	WKL	
MO-SIM	2021/22-3	Wet	3/28/2022 11:18:00 AM	4/29/2022 9:37:00 AM	3-/4-Methylphenol	n/a	<	1.5	µg/L	EPA 8270C	1.5	5	WKL	
MO-SIM	2021/22-3	Wet	3/28/2022 11:18:00 AM	4/28/2022 5:01:00 AM	4,6-Dinitro-2-methylphenol	n/a	<	2.5	µg/L	EPA 625.1	2.5	25	WKL	
MO-SIM	2021/22-3	Wet	3/28/2022 11:18:00 AM	4/29/2022 9:37:00 AM	4,6-Dinitro-2-methylphenol	n/a	<	0.7	µg/L	EPA 8270C	0.7	5	WKL	
MO-SIM	2021/22-3	Wet	3/28/2022 11:18:00 AM	4/28/2022 5:01:00 AM	4-Bromophenyl phenyl ether	n/a	<	1.8	µg/L	EPA 625.1	1.8	5	WKL	
MO-SIM	2021/22-3	Wet	3/28/2022 11:18:00 AM	4/28/2022 5:01:00 AM	4-Chloro-3-methylphenol	n/a	<	1.2	µg/L	EPA 625.1	1.2	5	WKL	
MO-SIM	2021/22-3	Wet	3/28/2022 11:18:00 AM	4/29/2022 9:37:00 AM	4-Chloro-3-methylphenol	n/a	<	1.8	µg/L	EPA 8270C	1.8	5	WKL	
MO-SIM	2021/22-3	Wet	3/28/2022 11:18:00 AM	4/28/2022 5:01:00 AM	4-Chlorophenyl phenyl ether	n/a	<	2	µg/L	EPA 625.1	2	5	WKL	
MO-SIM	2021/22-3	Wet	3/28/2022 11:18:00 AM	4/29/2022 9:37:00 AM	4-Nitrophenol	n/a	<	5	µg/L	EPA 8270C	5	10	WKL	
MO-SIM	2021/22-3	Wet	3/28/2022 11:18:00 AM	4/28/2022 5:01:00 AM	4-Nitrophenol	n/a	<	6.2	µg/L	EPA 625.1	6.2	25	WKL	
MO-SIM	2021/22-3	Wet	3/28/2022 11:18:00 AM	4/28/2022 5:01:00 AM	Acenaphthene	n/a	<	1.9	µg/L	EPA 625.1	1.9	5	WKL	
MO-SIM	2021/22-3	Wet	3/28/2022 11:18:00 AM	4/20/2022 11:36:00 AM	Acenaphthene	n/a	<	0.14	µg/L	EPA 8270C	0.14	0.5	WKL	
MO-SIM	2021/22-3	Wet	3/28/2022 11:18:00 AM	4/28/2022 5:01:00 AM	Acenaphthylene	n/a	<	1.8	µg/L	EPA 625.1	1.8	5	WKL	
MO-SIM	2021/22-3	Wet	3/28/2022 11:18:00 AM	4/20/2022 11:36:00 AM	Acenaphthylene	n/a	<	0.16	µg/L	EPA 8270C	0.16	0.5	WKL	
MO-SIM	2021/22-3	Wet	3/28/2022 11:18:00 AM	4/28/2022 5:01:00 AM	Anthracene	n/a	<	2	µg/L	EPA 625.1	2	5	WKL	
MO-SIM	2021/22-3	Wet	3/28/2022 11:18:00 AM	4/20/2022 11:36:00 AM	Anthracene	n/a	DNQ	0.13	µg/L	EPA 8270C	0.12	0.5	WKL	
MO-SIM	2021/22-3	Wet	3/28/2022 11:18:00 AM	4/28/2022 5:01:00 AM	Benz(a)anthracene	n/a	<	0.95	µg/L	EPA 625.1	0.95	5	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-SIM	2021/22-3	Wet	3/28/2022 11:18:00 AM	4/20/2022 11:36:00 AM	Benzo(a)anthracene	n/a	<	0.26	µg/L	EPA 8270C	0.26	0.5	WKL	
MO-SIM	2021/22-3	Wet	3/28/2022 11:18:00 AM	4/28/2022 5:01:00 AM	Benzo(a)anthracene	n/a	<	16	µg/L	EPA 625.1	16	50	WKL	
MO-SIM	2021/22-3	Wet	3/28/2022 11:18:00 AM	4/1/2022 12:32:00 AM	Benzo(a)pyrene	n/a	<	0.1	µg/L	EPA 525.2	0.1	0.5	WKL	
MO-SIM	2021/22-3	Wet	3/28/2022 11:18:00 AM	4/28/2022 5:01:00 AM	Benzo(a)pyrene	n/a	<	2	µg/L	EPA 625.1	2	5	WKL	
MO-SIM	2021/22-3	Wet	3/28/2022 11:18:00 AM	4/20/2022 11:36:00 AM	Benzo(a)pyrene	n/a	DNQ	0.28	µg/L	EPA 8270C	0.26	0.5	WKL	
MO-SIM	2021/22-3	Wet	3/28/2022 11:18:00 AM	4/28/2022 5:01:00 AM	Benzo(b)fluoranthene	n/a	<	2.3	µg/L	EPA 625.1	2.3	5	WKL	
MO-SIM	2021/22-3	Wet	3/28/2022 11:18:00 AM	4/20/2022 11:36:00 AM	Benzo(b)fluoranthene	n/a	<	0.37	µg/L	EPA 8270C	0.37	0.5	WKL	
MO-SIM	2021/22-3	Wet	3/28/2022 11:18:00 AM	4/28/2022 5:01:00 AM	Benzo(g,h,i)perylene	n/a	<	2.1	µg/L	EPA 625.1	2.1	10	WKL	
MO-SIM	2021/22-3	Wet	3/28/2022 11:18:00 AM	4/20/2022 11:36:00 AM	Benzo(g,h,i)perylene	n/a	DNQ	0.25	µg/L	EPA 8270C	0.25	0.5	WKL	
MO-SIM	2021/22-3	Wet	3/28/2022 11:18:00 AM	4/28/2022 5:01:00 AM	Benzo(k)fluoranthene	n/a	<	1.1	µg/L	EPA 625.1	1.1	5	WKL	
MO-SIM	2021/22-3	Wet	3/28/2022 11:18:00 AM	4/20/2022 11:36:00 AM	Benzo(k)fluoranthene	n/a	DNQ	0.2	µg/L	EPA 8270C	0.13	0.5	WKL	UL-MB
MO-SIM	2021/22-3	Wet	3/28/2022 11:18:00 AM	4/28/2022 5:01:00 AM	Bis(2-chloroethoxy)methane	n/a	<	1.2	µg/L	EPA 625.1	1.2	5	WKL	
MO-SIM	2021/22-3	Wet	3/28/2022 11:18:00 AM	4/28/2022 5:01:00 AM	Bis(2-chloroethyl)ether	n/a	<	1.4	µg/L	EPA 625.1	1.4	5	WKL	
MO-SIM	2021/22-3	Wet	3/28/2022 11:18:00 AM	4/28/2022 5:01:00 AM	Bis(2-chloroisopropyl)ether	n/a	<	1.9	µg/L	EPA 625.1	1.9	5	WKL	
MO-SIM	2021/22-3	Wet	3/28/2022 11:18:00 AM	4/1/2022 12:32:00 AM	Bis(2-ethylhexyl)adipate	n/a	<	2.1	µg/L	EPA 525.2	2.1	25	WKL	
MO-SIM	2021/22-3	Wet	3/28/2022 11:18:00 AM	4/1/2022 12:32:00 AM	Bis(2-ethylhexyl)phthalate	n/a	<	2	µg/L	EPA 525.2	2	15	WKL	
MO-SIM	2021/22-3	Wet	3/28/2022 11:18:00 AM	4/28/2022 5:01:00 AM	Bis(2-ethylhexyl)phthalate	n/a	<	12	µg/L	EPA 625.1	12	25	WKL	
MO-SIM	2021/22-3	Wet	3/28/2022 11:18:00 AM	4/28/2022 5:01:00 AM	Butyl benzyl phthalate	n/a	<	2.5	µg/L	EPA 625.1	2.5	5	WKL	
MO-SIM	2021/22-3	Wet	3/28/2022 11:18:00 AM	4/28/2022 5:01:00 AM	Chrysene	n/a	<	0.95	µg/L	EPA 625.1	0.95	5	WKL	
MO-SIM	2021/22-3	Wet	3/28/2022 11:18:00 AM	4/20/2022 11:36:00 AM	Chrysene	n/a	<	0.37	µg/L	EPA 8270C	0.37	0.5	WKL	
MO-SIM	2021/22-3	Wet	3/28/2022 11:18:00 AM	4/28/2022 5:01:00 AM	Dibenz(a,h)anthracene	n/a	<	0.75	µg/L	EPA 625.1	0.75	10	WKL	
MO-SIM	2021/22-3	Wet	3/28/2022 11:18:00 AM	4/20/2022 11:36:00 AM	Dibenz(a,h)anthracene	n/a	DNQ	0.29	µg/L	EPA 8270C	0.18	0.5	WKL	UL-MB
MO-SIM	2021/22-3	Wet	3/28/2022 11:18:00 AM	4/28/2022 5:01:00 AM	Diethyl phthalate	n/a	<	1.7	µg/L	EPA 625.1	1.7	5	WKL	
MO-SIM	2021/22-3	Wet	3/28/2022 11:18:00 AM	4/28/2022 5:01:00 AM	Dimethyl phthalate	n/a	<	0.9	µg/L	EPA 625.1	0.9	5	WKL	
MO-SIM	2021/22-3	Wet	3/28/2022 11:18:00 AM	4/28/2022 5:01:00 AM	Di-n-butylphthalate	n/a	<	1.7	µg/L	EPA 625.1	1.7	5	WKL	
MO-SIM	2021/22-3	Wet	3/28/2022 11:18:00 AM	4/28/2022 5:01:00 AM	Di-n-octylphthalate	n/a	<	2.3	µg/L	EPA 625.1	2.3	5	WKL	
MO-SIM	2021/22-3	Wet	3/28/2022 11:18:00 AM	4/28/2022 5:01:00 AM	Fluoranthene	n/a	<	1.7	µg/L	EPA 625.1	1.7	5	WKL	
MO-SIM	2021/22-3	Wet	3/28/2022 11:18:00 AM	4/20/2022 11:36:00 AM	Fluoranthene	n/a	DNQ	0.21	µg/L	EPA 8270C	0.2	0.5	WKL	
MO-SIM	2021/22-3	Wet	3/28/2022 11:18:00 AM	4/28/2022 5:01:00 AM	Fluorene	n/a	<	1.8	µg/L	EPA 625.1	1.8	5	WKL	
MO-SIM	2021/22-3	Wet	3/28/2022 11:18:00 AM	4/20/2022 11:36:00 AM	Fluorene	n/a	<	0.14	µg/L	EPA 8270C	0.14	0.5	WKL	
MO-SIM	2021/22-3	Wet	3/28/2022 11:18:00 AM	4/28/2022 5:01:00 AM	Hexachlorobenzene	n/a	<	2.4	µg/L	EPA 625.1	2.4	5	WKL	
MO-SIM	2021/22-3	Wet	3/28/2022 11:18:00 AM	4/28/2022 5:01:00 AM	Hexachlorobutadiene	n/a	<	2.4	µg/L	EPA 625.1	2.4	5	WKL	
MO-SIM	2021/22-3	Wet	3/28/2022 11:18:00 AM	4/1/2022 12:32:00 AM	Hexachlorocyclopentadiene	n/a	<	0.46	µg/L	EPA 525.2	0.46	5	WKL	
MO-SIM	2021/22-3	Wet	3/28/2022 11:18:00 AM	4/28/2022 5:01:00 AM	Hexachlorocyclopentadiene	n/a	<	1.6	µg/L	EPA 625.1	1.6	25	WKL	
MO-SIM	2021/22-3	Wet	3/28/2022 11:18:00 AM	4/28/2022 5:01:00 AM	Hexachloroethane	n/a	<	2.5	µg/L	EPA 625.1	2.5	5	WKL	
MO-SIM	2021/22-3	Wet	3/28/2022 11:18:00 AM	4/20/2022 11:36:00 AM	Indeno(1,2,3-cd)pyrene	n/a	<	0.32	µg/L	EPA 8270C	0.32	0.5	WKL	
MO-SIM	2021/22-3	Wet	3/28/2022 11:18:00 AM	4/28/2022 5:01:00 AM	Indeno(1,2,3-cd)pyrene	n/a	<	1.2	µg/L	EPA 625.1	1.2	10	WKL	
MO-SIM	2021/22-3	Wet	3/28/2022 11:18:00 AM	4/28/2022 5:01:00 AM	Isophorone	n/a	<	1	µg/L	EPA 625.1	1	5	WKL	
MO-SIM	2021/22-3	Wet	3/28/2022 11:18:00 AM	4/28/2022 5:01:00 AM	Naphthalene	n/a	<	2.4	µg/L	EPA 625.1	2.4	5	WKL	
MO-SIM	2021/22-3	Wet	3/28/2022 11:18:00 AM	4/20/2022 11:36:00 AM	Naphthalene	n/a	DNQ	0.26	µg/L	EPA 8270C	0.13	0.5	WKL	
MO-SIM	2021/22-3	Wet	3/28/2022 11:18:00 AM	4/28/2022 5:01:00 AM	Nitrobenzene	n/a	<	1.8	µg/L	EPA 625.1	1.8	5	WKL	
MO-SIM	2021/22-3	Wet	3/28/2022 11:18:00 AM	4/28/2022 5:01:00 AM	N-Nitrosodimethylamine	n/a	<	2.5	µg/L	EPA 625.1	2.5	5	WKL	
MO-SIM	2021/22-3	Wet	3/28/2022 11:18:00 AM	4/28/2022 5:01:00 AM	N-Nitrosodi-N-propylamine	n/a	<	1.3	µg/L	EPA 625.1	1.3	5	WKL	
MO-SIM	2021/22-3	Wet	3/28/2022 11:18:00 AM	4/28/2022 5:01:00 AM	N-Nitrosodiphenylamine	n/a	<	0.95	µg/L	EPA 625.1	0.95	5	WKL	
MO-SIM	2021/22-3	Wet	3/28/2022 11:18:00 AM	4/28/2022 5:01:00 AM	Phenanthrene	n/a	<	1.6	µg/L	EPA 625.1	1.6	5	WKL	
MO-SIM	2021/22-3	Wet	3/28/2022 11:18:00 AM	4/20/2022 11:36:00 AM	Phenanthrene	n/a	<	0.14	µg/L	EPA 8270C	0.14	0.5	WKL	
MO-SIM	2021/22-3	Wet	3/28/2022 11:18:00 AM	4/28/2022 5:01:00 AM	Phenol	n/a	<	4.1	µg/L	EPA 625.1	4.1	5	WKL	
MO-SIM	2021/22-3	Wet	3/28/2022 11:18:00 AM	4/29/2022 9:37:00 AM	Phenol	n/a	<	1.8	µg/L	EPA 8270C	1.8	5	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-SIM	2021/22-3	Wet	3/28/2022 11:18:00 AM	4/20/2022 11:36:00 AM	Pyrene	n/a	DNQ	0.21	µg/L	EPA 8270C	0.2	0.5	WKL	
MO-SIM	2021/22-3	Wet	3/28/2022 11:18:00 AM	4/28/2022 5:01:00 AM	Pyrene	n/a	<	1.2	µg/L	EPA 625.1	1.2	5	WKL	
MO-SIM	2021/22-3	Wet	3/28/2022 11:18:00 AM	4/10/2022 4:15:00 AM	PCB Aroclor 1016	n/a	<	5	µg/L	EPA 608.3	5	5	WKL	
MO-SIM	2021/22-3	Wet	3/28/2022 11:18:00 AM	4/10/2022 4:15:00 AM	PCB Aroclor 1221	n/a	<	5	µg/L	EPA 608.3	5	5	WKL	
MO-SIM	2021/22-3	Wet	3/28/2022 11:18:00 AM	4/10/2022 4:15:00 AM	PCB Aroclor 1232	n/a	<	5	µg/L	EPA 608.3	5	5	WKL	
MO-SIM	2021/22-3	Wet	3/28/2022 11:18:00 AM	4/10/2022 4:15:00 AM	PCB Aroclor 1242	n/a	<	5	µg/L	EPA 608.3	5	5	WKL	
MO-SIM	2021/22-3	Wet	3/28/2022 11:18:00 AM	4/10/2022 4:15:00 AM	PCB Aroclor 1248	n/a	<	5	µg/L	EPA 608.3	5	5	WKL	
MO-SIM	2021/22-3	Wet	3/28/2022 11:18:00 AM	4/10/2022 4:15:00 AM	PCB Aroclor 1254	n/a	<	5	µg/L	EPA 608.3	5	5	WKL	
MO-SIM	2021/22-3	Wet	3/28/2022 11:18:00 AM	4/10/2022 4:15:00 AM	PCB Aroclor 1260	n/a	<	5	µg/L	EPA 608.3	5	5	WKL	
MO-SIM	2021/22-3	Wet	3/28/2022 11:18:00 AM	4/1/2022 6:22:00 AM	2,4,5-T	n/a	<	0.03	µg/L	EPA 515.4	0.03	0.2	WKL	
MO-SIM	2021/22-3	Wet	3/28/2022 11:18:00 AM	4/1/2022 6:22:00 AM	2,4,5-TP	n/a	<	0.026	µg/L	EPA 515.4	0.026	0.2	WKL	
MO-SIM	2021/22-3	Wet	3/28/2022 11:18:00 AM	4/1/2022 6:22:00 AM	2,4-D	n/a	=	1.6	µg/L	EPA 515.4	0.14	0.4	WKL	
MO-SIM	2021/22-3	Wet	3/28/2022 11:18:00 AM	4/1/2022 6:22:00 AM	2,4-DB	n/a	<	2	µg/L	EPA 515.4	2	2	WKL	
MO-SIM	2021/22-3	Wet	3/28/2022 11:18:00 AM	4/1/2022 6:22:00 AM	3,5-Dichlorobenzoic acid	n/a	<	1	µg/L	EPA 515.4	1	1	WKL	
MO-SIM	2021/22-3	Wet	3/28/2022 11:18:00 AM	4/10/2022 4:15:00 AM	4,4'-DDD	n/a	<	0.007	µg/L	EPA 608.3	0.007	0.5	WKL	
MO-SIM	2021/22-3	Wet	3/28/2022 11:18:00 AM	4/10/2022 4:15:00 AM	4,4'-DDE	n/a	DNQ	0.014	µg/L	EPA 608.3	0.007	0.5	WKL	
MO-SIM	2021/22-3	Wet	3/28/2022 11:18:00 AM	4/10/2022 4:15:00 AM	4,4'-DDT	n/a	<	0.1	µg/L	EPA 608.3	0.1	0.1	WKL	
MO-SIM	2021/22-3	Wet	3/28/2022 11:18:00 AM	4/1/2022 6:22:00 AM	Acifluorfen	n/a	<	0.4	µg/L	EPA 515.4	0.4	0.4	WKL	
MO-SIM	2021/22-3	Wet	3/28/2022 11:18:00 AM	4/1/2022 12:32:00 AM	Alachlor	n/a	<	0.15	µg/L	EPA 525.2	0.15	0.5	WKL	
MO-SIM	2021/22-3	Wet	3/28/2022 11:18:00 AM	4/10/2022 4:15:00 AM	Aldrin	n/a	<	0.01	µg/L	EPA 608.3	0.01	0.05	WKL	
MO-SIM	2021/22-3	Wet	3/28/2022 11:18:00 AM	4/10/2022 4:15:00 AM	alpha-BHC	n/a	<	0.011	µg/L	EPA 608.3	0.011	0.1	WKL	
MO-SIM	2021/22-3	Wet	3/28/2022 11:18:00 AM	4/10/2022 4:15:00 AM	alpha-Chlordane	n/a	<	0.029	µg/L	EPA 608.3	0.029	0.1	WKL	
MO-SIM	2021/22-3	Wet	3/28/2022 11:18:00 AM	4/1/2022 12:32:00 AM	Atrazine	n/a	<	0.054	µg/L	EPA 525.2	0.054	0.5	WKL	
MO-SIM	2021/22-3	Wet	3/28/2022 11:18:00 AM	4/1/2022 9:41:00 PM	Azinphos methyl	n/a	<	0.011	µg/L	EPA 625.1m	0.011	0.02	WKL	
MO-SIM	2021/22-3	Wet	3/28/2022 11:18:00 AM	4/1/2022 6:22:00 AM	Bentazon	n/a	<	0.23	µg/L	EPA 515.4	0.23	2	WKL	
MO-SIM	2021/22-3	Wet	3/28/2022 11:18:00 AM	4/10/2022 4:15:00 AM	beta-BHC	n/a	<	0.015	µg/L	EPA 608.3	0.015	0.05	WKL	
MO-SIM	2021/22-3	Wet	3/28/2022 11:18:00 AM	4/1/2022 9:41:00 PM	Bolstar	n/a	<	0.0092	µg/L	EPA 625.1m	0.0092	0.02	WKL	
MO-SIM	2021/22-3	Wet	3/28/2022 11:18:00 AM	4/1/2022 12:32:00 AM	Bromacil	n/a	<	0.35	µg/L	EPA 525.2	0.35	2.5	WKL	
MO-SIM	2021/22-3	Wet	3/28/2022 11:18:00 AM	4/1/2022 12:32:00 AM	Butachlor	n/a	<	0.061	µg/L	EPA 525.2	0.061	0.5	WKL	
MO-SIM	2021/22-3	Wet	3/28/2022 11:18:00 AM	4/1/2022 12:32:00 AM	Captan	n/a	<	1.6	µg/L	EPA 525.2	1.6	5	WKL	
MO-SIM	2021/22-3	Wet	3/28/2022 11:18:00 AM	4/10/2022 4:15:00 AM	Chlordane (technical)	n/a	<	1	µg/L	EPA 608.3	1	1	WKL	
MO-SIM	2021/22-3	Wet	3/28/2022 11:18:00 AM	4/1/2022 12:32:00 AM	Chlorpropham	n/a	<	0.2	µg/L	EPA 525.2	0.2	0.5	WKL	
MO-SIM	2021/22-3	Wet	3/28/2022 11:18:00 AM	4/1/2022 9:41:00 PM	Chlorpyrifos	n/a	<	0.014	µg/L	EPA 625.1m	0.014	0.02	WKL	
MO-SIM	2021/22-3	Wet	3/28/2022 11:18:00 AM	4/1/2022 9:41:00 PM	Coumaphos	n/a	<	0.01	µg/L	EPA 625.1m	0.01	0.02	WKL	
MO-SIM	2021/22-3	Wet	3/28/2022 11:18:00 AM	4/1/2022 6:22:00 AM	Dalapon	n/a	<	0.11	µg/L	EPA 515.4	0.11	0.4	WKL	
MO-SIM	2021/22-3	Wet	3/28/2022 11:18:00 AM	4/1/2022 6:22:00 AM	DCPA (Dacthal)	n/a	<	0.029	µg/L	EPA 515.4	0.029	0.1	WKL	
MO-SIM	2021/22-3	Wet	3/28/2022 11:18:00 AM	4/10/2022 4:15:00 AM	delta-BHC	n/a	<	0.019	µg/L	EPA 608.3	0.019	0.05	WKL	
MO-SIM	2021/22-3	Wet	3/28/2022 11:18:00 AM	4/1/2022 9:41:00 PM	Demeton-O	n/a	<	0.02	µg/L	EPA 625.1m	0.02	0.02	WKL	
MO-SIM	2021/22-3	Wet	3/28/2022 11:18:00 AM	4/1/2022 9:41:00 PM	Demeton-S	n/a	<	0.02	µg/L	EPA 625.1m	0.02	0.02	WKL	
MO-SIM	2021/22-3	Wet	3/28/2022 11:18:00 AM	4/1/2022 9:41:00 PM	Diazinon	n/a	<	0.01	µg/L	EPA 625.1m	0.01	0.02	WKL	
MO-SIM	2021/22-3	Wet	3/28/2022 11:18:00 AM	4/1/2022 12:32:00 AM	Diazinon	n/a	<	0.11	µg/L	EPA 525.2	0.11	0.5	WKL	
MO-SIM	2021/22-3	Wet	3/28/2022 11:18:00 AM	4/1/2022 6:22:00 AM	Dicamba	n/a	<	0.6	µg/L	EPA 515.4	0.6	0.6	WKL	
MO-SIM	2021/22-3	Wet	3/28/2022 11:18:00 AM	4/1/2022 6:22:00 AM	Dichlorprop	n/a	<	0.12	µg/L	EPA 515.4	0.12	0.3	WKL	
MO-SIM	2021/22-3	Wet	3/28/2022 11:18:00 AM	4/1/2022 9:41:00 PM	Dichlorvos	n/a	<	0.0058	µg/L	EPA 625.1m	0.0058	0.02	WKL	
MO-SIM	2021/22-3	Wet	3/28/2022 11:18:00 AM	4/10/2022 4:15:00 AM	Dieldrin	n/a	<	0.008	µg/L	EPA 608.3	0.008	0.1	WKL	
MO-SIM	2021/22-3	Wet	3/28/2022 11:18:00 AM	4/1/2022 12:32:00 AM	Dimethoate	n/a	<	0.1	µg/L	EPA 525.2	0.1	1	WKL	
MO-SIM	2021/22-3	Wet	3/28/2022 11:18:00 AM	4/1/2022 9:41:00 PM	Dimethoate	n/a	<	0.012	µg/L	EPA 625.1m	0.012	0.02	WKL	
MO-SIM	2021/22-3	Wet	3/28/2022 11:18:00 AM	4/1/2022 6:22:00 AM	Dinoseb	n/a	<	0.033	µg/L	EPA 515.4	0.033	0.4	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-SIM	2021/22-3	Wet	3/28/2022 11:18:00 AM	4/1/2022 12:32:00 AM	Diphenamid	n/a	<	0.15	µg/L	EPA 525.2	0.15	0.5	WKL	
MO-SIM	2021/22-3	Wet	3/28/2022 11:18:00 AM	4/1/2022 12:32:00 AM	Disulfoton	n/a	<	0.077	µg/L	EPA 525.2	0.077	0.5	WKL	
MO-SIM	2021/22-3	Wet	3/28/2022 11:18:00 AM	4/1/2022 9:41:00 PM	Disulfoton	n/a	<	0.02	µg/L	EPA 625.1m	0.02	0.02	WKL	
MO-SIM	2021/22-3	Wet	3/28/2022 11:18:00 AM	4/10/2022 4:15:00 AM	Endosulfan I	n/a	<	0.009	µg/L	EPA 608.3	0.009	0.2	WKL	
MO-SIM	2021/22-3	Wet	3/28/2022 11:18:00 AM	4/10/2022 4:15:00 AM	Endosulfan II	n/a	<	0.007	µg/L	EPA 608.3	0.007	0.1	WKL	
MO-SIM	2021/22-3	Wet	3/28/2022 11:18:00 AM	4/10/2022 4:15:00 AM	Endosulfan sulfate	n/a	<	0.013	µg/L	EPA 608.3	0.013	0.5	WKL	
MO-SIM	2021/22-3	Wet	3/28/2022 11:18:00 AM	4/10/2022 4:15:00 AM	Endrin	n/a	<	0.017	µg/L	EPA 608.3	0.017	0.1	WKL	
MO-SIM	2021/22-3	Wet	3/28/2022 11:18:00 AM	4/10/2022 4:15:00 AM	Endrin aldehyde	n/a	<	0.019	µg/L	EPA 608.3	0.019	0.1	WKL	
MO-SIM	2021/22-3	Wet	3/28/2022 11:18:00 AM	4/1/2022 12:32:00 AM	EPTC	n/a	<	0.1	µg/L	EPA 525.2	0.1	0.5	WKL	
MO-SIM	2021/22-3	Wet	3/28/2022 11:18:00 AM	4/1/2022 9:41:00 PM	Ethoprop	n/a	<	0.013	µg/L	EPA 625.1m	0.013	0.02	WKL	
MO-SIM	2021/22-3	Wet	3/28/2022 11:18:00 AM	4/1/2022 9:41:00 PM	Ethyl parathion	n/a	<	0.011	µg/L	EPA 625.1m	0.011	0.02	WKL	
MO-SIM	2021/22-3	Wet	3/28/2022 11:18:00 AM	4/1/2022 9:41:00 PM	Fensulfothion	n/a	<	0.0058	µg/L	EPA 625.1m	0.0058	0.02	WKL	
MO-SIM	2021/22-3	Wet	3/28/2022 11:18:00 AM	4/1/2022 9:41:00 PM	Fenthion	n/a	<	0.0076	µg/L	EPA 625.1m	0.0076	0.02	WKL	
MO-SIM	2021/22-3	Wet	3/28/2022 11:18:00 AM	4/10/2022 4:15:00 AM	gamma-BHC (Lindane)	n/a	<	0.004	µg/L	EPA 608.3	0.004	0.2	WKL	
MO-SIM	2021/22-3	Wet	3/28/2022 11:18:00 AM	4/10/2022 4:15:00 AM	gamma-Chlordane	n/a	<	0.023	µg/L	EPA 608.3	0.023	0.1	WKL	
MO-SIM	2021/22-3	Wet	3/28/2022 11:18:00 AM	4/4/2022 8:37:00 PM	Glyphosate	n/a	=	38	µg/L	EPA 547	1.8	5	WKL	
MO-SIM	2021/22-3	Wet	3/28/2022 11:18:00 AM	4/10/2022 4:15:00 AM	Heptachlor	n/a	<	0.1	µg/L	EPA 608.3	0.1	0.1	WKL	
MO-SIM	2021/22-3	Wet	3/28/2022 11:18:00 AM	4/10/2022 4:15:00 AM	Heptachlor epoxide	n/a	<	0.004	µg/L	EPA 608.3	0.004	0.1	WKL	
MO-SIM	2021/22-3	Wet	3/28/2022 11:18:00 AM	4/1/2022 9:41:00 PM	Malathion	n/a	DNQ	0.018	µg/L	EPA 625.1m	0.015	0.02	WKL	
MO-SIM	2021/22-3	Wet	3/28/2022 11:18:00 AM	4/1/2022 9:41:00 PM	Merphos	n/a	<	0.012	µg/L	EPA 625.1m	0.012	0.02	WKL	
MO-SIM	2021/22-3	Wet	3/28/2022 11:18:00 AM	4/1/2022 9:41:00 PM	Methyl parathion	n/a	<	0.013	µg/L	EPA 625.1m	0.013	0.02	WKL	
MO-SIM	2021/22-3	Wet	3/28/2022 11:18:00 AM	4/1/2022 12:32:00 AM	Metolachlor	n/a	<	0.15	µg/L	EPA 525.2	0.15	0.5	WKL	
MO-SIM	2021/22-3	Wet	3/28/2022 11:18:00 AM	4/1/2022 12:32:00 AM	Metribuzin	n/a	<	0.15	µg/L	EPA 525.2	0.15	0.5	WKL	
MO-SIM	2021/22-3	Wet	3/28/2022 11:18:00 AM	4/1/2022 9:41:00 PM	Mevinphos	n/a	<	0.0084	µg/L	EPA 625.1m	0.0084	0.02	WKL	
MO-SIM	2021/22-3	Wet	3/28/2022 11:18:00 AM	4/1/2022 12:32:00 AM	Molinate	n/a	<	0.15	µg/L	EPA 525.2	0.15	0.5	WKL	
MO-SIM	2021/22-3	Wet	3/28/2022 11:18:00 AM	4/1/2022 9:41:00 PM	Naled	n/a	<	0.015	µg/L	EPA 625.1m	0.015	0.02	WKL	
MO-SIM	2021/22-3	Wet	3/28/2022 11:18:00 AM	4/1/2022 6:22:00 AM	Pentachlorophenol	n/a	<	1	µg/L	EPA 515.4	1	1	WKL	
MO-SIM	2021/22-3	Wet	3/28/2022 11:18:00 AM	4/28/2022 5:01:00 AM	Pentachlorophenol	n/a	DNQ	3.9	µg/L	EPA 625.1	2	5	WKL	
MO-SIM	2021/22-3	Wet	3/28/2022 11:18:00 AM	4/29/2022 9:37:00 AM	Pentachlorophenol	n/a	DNQ	2.3	µg/L	EPA 8270C	0.75	5	WKL	
MO-SIM	2021/22-3	Wet	3/28/2022 11:18:00 AM	4/1/2022 9:41:00 PM	Phorate	n/a	<	0.006	µg/L	EPA 625.1m	0.006	0.02	WKL	
MO-SIM	2021/22-3	Wet	3/28/2022 11:18:00 AM	4/1/2022 6:22:00 AM	Picloram	n/a	<	0.6	µg/L	EPA 515.4	0.6	0.6	WKL	
MO-SIM	2021/22-3	Wet	3/28/2022 11:18:00 AM	4/1/2022 12:32:00 AM	Prometryn	n/a	<	0.15	µg/L	EPA 525.2	0.15	0.5	WKL	
MO-SIM	2021/22-3	Wet	3/28/2022 11:18:00 AM	4/1/2022 9:41:00 PM	Ronnel (Fenchlorphos)	n/a	<	0.0082	µg/L	EPA 625.1m	0.0082	0.02	WKL	
MO-SIM	2021/22-3	Wet	3/28/2022 11:18:00 AM	4/1/2022 12:32:00 AM	Simazine	n/a	<	0.1	µg/L	EPA 525.2	0.1	0.5	WKL	
MO-SIM	2021/22-3	Wet	3/28/2022 11:18:00 AM	4/1/2022 9:41:00 PM	Stirophos (Tetrachlorvinphos)	n/a	<	0.0062	µg/L	EPA 625.1m	0.0062	0.02	WKL	
MO-SIM	2021/22-3	Wet	3/28/2022 11:18:00 AM	4/1/2022 12:32:00 AM	Terbacil	n/a	<	0.45	µg/L	EPA 525.2	0.45	10	WKL	
MO-SIM	2021/22-3	Wet	3/28/2022 11:18:00 AM	4/1/2022 12:32:00 AM	Thiobencarb	n/a	<	0.15	µg/L	EPA 525.2	0.15	0.5	WKL	
MO-SIM	2021/22-3	Wet	3/28/2022 11:18:00 AM	4/1/2022 9:41:00 PM	Tokuthion	n/a	<	0.016	µg/L	EPA 625.1m	0.016	0.02	WKL	
MO-SIM	2021/22-3	Wet	3/28/2022 11:18:00 AM	4/10/2022 4:15:00 AM	Toxaphene	n/a	<	10	µg/L	EPA 608.3	10	10	WKL	
MO-SIM	2021/22-3	Wet	3/28/2022 11:18:00 AM	4/1/2022 9:41:00 PM	Trichloronate	n/a	<	0.013	µg/L	EPA 625.1m	0.013	0.02	WKL	
MO-SIM	2021/22-3	Wet	3/28/2022 11:18:00 AM	4/1/2022 12:32:00 AM	Trithion	n/a	<	0.1	µg/L	EPA 525.2	0.1	0.5	WKL	
MO-SIM	2021/22-4	Dry	5/19/2022 8:35:00 AM	5/21/2022 3:51:00 AM	Chloride	n/a	=	190	mg/L	EPA 300.0	0.38	1	WKL	
MO-SIM	2021/22-4	Dry	5/19/2022 8:35:00 AM	5/21/2022 3:51:00 AM	Fluoride	n/a	=	0.49	mg/L	EPA 300.0	0.018	0.2	WKL	
MO-SIM	2021/22-4	Dry	5/19/2022 8:35:00 AM	5/27/2022 9:01:00 PM	Perchlorate	n/a	=	3.5	µg/L	EPA 331	0.39	2	WKL	
MO-SIM	2021/22-4	Dry	5/19/2022 8:35:00 AM	5/20/2022 2:55:00 PM	E. Coli	n/a	=	336	MPN/100 mL	MMO-MUG	10	10	VCHCA	
MO-SIM	2021/22-4	Dry	5/19/2022 8:35:00 AM	5/20/2022 2:55:00 PM	Total Coliform	n/a	=	41060	MPN/100 mL	MMO-MUG	100	100	VCHCA	
MO-SIM	2021/22-4	Dry	5/19/2022 8:35:00 AM	6/2/2022 4:40:00 PM	Calcium	Total	=	322	mg/L	EPA 200.7	0.0468	1	WKL	
MO-SIM	2021/22-4	Dry	5/19/2022 8:35:00 AM	6/1/2022 8:53:00 PM	Magnesium	Total	=	107	mg/L	EPA 200.7	0.039	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	2021/22-4	Dry	5/19/2022 8:35:00 AM	5/26/2022 7:24:00 PM	Alkalinity as CaCO3	n/a	=	240	mg/L	SM 2320 B	1.9	5	WKL	
MO-SIM	2021/22-4	Dry	5/19/2022 8:35:00 AM	5/25/2022 3:39:00 PM	BOD	n/a	<	2	mg/L	SM 5210 B	2	2	WKL	
MO-SIM	2021/22-4	Dry	5/19/2022 8:35:00 AM	5/25/2022 3:14:00 PM	COD	n/a	<	2.9	mg/L	EPA 410.4	2.9	5	WKL	
MO-SIM	2021/22-4	Dry	5/19/2022 8:35:00 AM	5/19/2022 8:35:00 AM	Conductivity	n/a	=	2612	µmhos/cm	Field Meter	-88	1	Field Crew	
MO-SIM	2021/22-4	Dry	5/19/2022 8:35:00 AM	5/25/2022 1:43:00 PM	Cyanide	Total	<	0.0012	mg/L	ASTM D7511	0.0012	0.002	WKL	
MO-SIM	2021/22-4	Dry	5/19/2022 8:35:00 AM	5/19/2022 8:35:00 AM	DO	n/a	=	116.4	%	Field Meter	-88	0.1	Field Crew	
MO-SIM	2021/22-4	Dry	5/19/2022 8:35:00 AM	5/19/2022 8:35:00 AM	DO	n/a	=	11.12	mg/L	Field Meter	-88	0.3	Field Crew	
MO-SIM	2021/22-4	Dry	5/19/2022 8:35:00 AM	6/2/2022 4:40:00 PM	Hardness as CaCO3	Total	=	1240	mg/L	EPA 200.7	0.278	4.56	WKL	
MO-SIM	2021/22-4	Dry	5/19/2022 8:35:00 AM	5/20/2022 4:35:00 PM	MBAS	n/a	DNQ	0.022	mg/L	SM 5540 C	0.013	0.05	WKL	
MO-SIM	2021/22-4	Dry	5/19/2022 8:35:00 AM	5/19/2022 8:35:00 AM	pH	n/a	=	8.07	pH Units	Field Meter	-88	0.01	Field Crew	
MO-SIM	2021/22-4	Dry	5/19/2022 8:35:00 AM	5/26/2022 3:24:00 PM	Phenolics	n/a	<	0.0068	mg/L	EPA 420.4	0.0068	0.01	WKL	
MO-SIM	2021/22-4	Dry	5/19/2022 8:35:00 AM	5/19/2022 8:35:00 AM	Salinity	n/a	=	1500	mg/L	Field Meter	-88	100	Field Crew	
MO-SIM	2021/22-4	Dry	5/19/2022 8:35:00 AM	5/19/2022 8:35:00 AM	Specific Conductance	n/a	=	2907	µmhos/cm	Field Meter	-88	1	Field Crew	
MO-SIM	2021/22-4	Dry	5/19/2022 8:35:00 AM	5/31/2022 12:35:00 PM	Specific Conductance	n/a	=	3400	µmhos/cm	SM 2510 B	3.2	6	WKL	
MO-SIM	2021/22-4	Dry	5/19/2022 8:35:00 AM	5/19/2022 8:35:00 AM	Temperature	n/a	=	18.6	°C	Field Meter	-88	0.1	Field Crew	
MO-SIM	2021/22-4	Dry	5/19/2022 8:35:00 AM	5/23/2022 4:13:00 PM	Total Dissolved Solids	n/a	=	2500	mg/L	SM 2540 C	4	10	WKL	
MO-SIM	2021/22-4	Dry	5/19/2022 8:35:00 AM	5/26/2022 6:19:00 AM	Total Organic Carbon	n/a	=	2.9	mg/L	SM 5310 B	0.19	0.3	WKL	
MO-SIM	2021/22-4	Dry	5/19/2022 8:35:00 AM	5/24/2022 6:20:00 PM	Total Suspended Solids	n/a	=	7	mg/L	SM 2540 D	-88	5	WKL	
MO-SIM	2021/22-4	Dry	5/19/2022 8:35:00 AM	5/20/2022 4:07:00 PM	Turbidity	n/a	=	0.5	NTU	EPA 180.1	0.017	0.1	WKL	
MO-SIM	2021/22-4	Dry	5/19/2022 8:35:00 AM	5/25/2022 12:20:00 PM	Volatile Suspended Solids	n/a	<	3.1	mg/L	EPA 160.4	3.1	5	WKL	
MO-SIM	2021/22-4	Dry	5/19/2022 8:35:00 AM	6/14/2022 6:43:00 PM	Diesel Range Organics	n/a	=	0.13	mg/L	EPA 8015B	0.072	0.1	WKL	
MO-SIM	2021/22-4	Dry	5/19/2022 8:35:00 AM	5/24/2022 8:24:00 PM	Gasoline Range Organics	n/a	DNQ	0.091	mg/L	EPA 8260B	0.065	0.1	WKL	
MO-SIM	2021/22-4	Dry	5/19/2022 8:35:00 AM	6/1/2022 9:04:00 AM	Oil and Grease	n/a	DNQ	1.2	mg/L	EPA 1664B	0.6	4	WKL	
MO-SIM	2021/22-4	Dry	5/19/2022 8:35:00 AM	6/14/2022 6:43:00 PM	Oil Range Organics	n/a	<	0.33	mg/L	EPA 8015B	0.33	0.5	WKL	
MO-SIM	2021/22-4	Dry	5/19/2022 8:35:00 AM	5/31/2022 5:01:00 PM	Aluminum	Dissolved	<	4.4	µg/L	EPA 200.8	4.4	20	WKL	
MO-SIM	2021/22-4	Dry	5/19/2022 8:35:00 AM	5/31/2022 5:04:00 PM	Aluminum	Total	<	4.4	µg/L	EPA 200.8	4.4	20	WKL	
MO-SIM	2021/22-4	Dry	5/19/2022 8:35:00 AM	5/31/2022 5:01:00 PM	Antimony	Dissolved	DNQ	0.17	µg/L	EPA 200.8	0.089	0.5	WKL	
MO-SIM	2021/22-4	Dry	5/19/2022 8:35:00 AM	5/31/2022 5:04:00 PM	Antimony	Total	DNQ	0.17	µg/L	EPA 200.8	0.089	0.5	WKL	
MO-SIM	2021/22-4	Dry	5/19/2022 8:35:00 AM	5/31/2022 5:01:00 PM	Arsenic	Dissolved	=	1.2	µg/L	EPA 200.8	0.074	0.4	WKL	
MO-SIM	2021/22-4	Dry	5/19/2022 8:35:00 AM	5/31/2022 5:04:00 PM	Arsenic	Total	=	1.2	µg/L	EPA 200.8	0.074	0.4	WKL	
MO-SIM	2021/22-4	Dry	5/19/2022 8:35:00 AM	5/31/2022 5:04:00 PM	Barium	Total	=	15	µg/L	EPA 200.8	0.14	1	WKL	
MO-SIM	2021/22-4	Dry	5/19/2022 8:35:00 AM	5/31/2022 5:01:00 PM	Beryllium	Dissolved	<	0.062	µg/L	EPA 200.8	0.062	0.1	WKL	
MO-SIM	2021/22-4	Dry	5/19/2022 8:35:00 AM	5/31/2022 5:04:00 PM	Beryllium	Total	<	0.029	µg/L	EPA 200.8	0.029	0.1	WKL	
MO-SIM	2021/22-4	Dry	5/19/2022 8:35:00 AM	5/31/2022 5:01:00 PM	Cadmium	Dissolved	DNQ	0.043	µg/L	EPA 200.8	0.042	0.2	WKL	
MO-SIM	2021/22-4	Dry	5/19/2022 8:35:00 AM	5/31/2022 5:04:00 PM	Cadmium	Total	DNQ	0.06	µg/L	EPA 200.8	0.042	0.2	WKL	
MO-SIM	2021/22-4	Dry	5/19/2022 8:35:00 AM	5/31/2022 5:01:00 PM	Chromium	Dissolved	=	1.4	µg/L	EPA 200.8	0.089	0.2	WKL	
MO-SIM	2021/22-4	Dry	5/19/2022 8:35:00 AM	5/31/2022 5:04:00 PM	Chromium	Total	=	1.4	µg/L	EPA 200.8	0.089	0.2	WKL	
MO-SIM	2021/22-4	Dry	5/19/2022 8:35:00 AM	6/1/2022 3:16:00 PM	Chromium VI	n/a	=	1.5	µg/L	EPA 218.6	0.0079	0.02	WKL	
MO-SIM	2021/22-4	Dry	5/19/2022 8:35:00 AM	5/31/2022 5:01:00 PM	Copper	Dissolved	=	0.62	µg/L	EPA 200.8	0.23	0.5	WKL	
MO-SIM	2021/22-4	Dry	5/19/2022 8:35:00 AM	5/31/2022 5:04:00 PM	Copper	Total	=	2.4	µg/L	EPA 200.8	0.23	0.5	WKL	
MO-SIM	2021/22-4	Dry	5/19/2022 8:35:00 AM	5/31/2022 5:01:00 PM	Iron	Dissolved	DNQ	8.4	µg/L	EPA 200.8	3.9	20	WKL	
MO-SIM	2021/22-4	Dry	5/19/2022 8:35:00 AM	5/31/2022 5:04:00 PM	Iron	Total	=	33	µg/L	EPA 200.8	3.9	20	WKL	
MO-SIM	2021/22-4	Dry	5/19/2022 8:35:00 AM	5/31/2022 5:01:00 PM	Lead	Dissolved	<	0.083	µg/L	EPA 200.8	0.083	0.2	WKL	
MO-SIM	2021/22-4	Dry	5/19/2022 8:35:00 AM	5/31/2022 5:04:00 PM	Lead	Total	<	0.083	µg/L	EPA 200.8	0.083	0.2	WKL	
MO-SIM	2021/22-4	Dry	5/19/2022 8:35:00 AM	5/27/2022 4:11:00 PM	Mercury	Dissolved	<	37	ng/L	EPA 245.1	37	50	WKL	
MO-SIM	2021/22-4	Dry	5/19/2022 8:35:00 AM	5/27/2022 4:13:00 PM	Mercury	Total	<	37	ng/L	EPA 245.1	37	50	WKL	
MO-SIM	2021/22-4	Dry	5/19/2022 8:35:00 AM	5/31/2022 5:01:00 PM	Nickel	Dissolved	DNQ	1.3	µg/L	EPA 200.8	0.16	2	WKL	
MO-SIM	2021/22-4	Dry	5/19/2022 8:35:00 AM	5/31/2022 5:04:00 PM	Nickel	Total	DNQ	1.2	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-SIM	2021/22-4	Dry	5/19/2022 8:35:00 AM	5/31/2022 5:01:00 PM	Selenium	Dissolved	=	35	µg/L	EPA 200.8	0.067	0.4	WKL	
MO-SIM	2021/22-4	Dry	5/19/2022 8:35:00 AM	5/31/2022 5:04:00 PM	Selenium	Total	=	34	µg/L	EPA 200.8	0.067	0.4	WKL	
MO-SIM	2021/22-4	Dry	5/19/2022 8:35:00 AM	5/31/2022 5:01:00 PM	Silver	Dissolved	<	0.03	µg/L	EPA 200.8	0.03	0.2	WKL	
MO-SIM	2021/22-4	Dry	5/19/2022 8:35:00 AM	5/31/2022 5:04:00 PM	Silver	Total	<	0.13	µg/L	EPA 200.8	0.13	0.2	WKL	
MO-SIM	2021/22-4	Dry	5/19/2022 8:35:00 AM	5/31/2022 5:01:00 PM	Thallium	Dissolved	<	0.021	µg/L	EPA 200.8	0.021	0.2	WKL	
MO-SIM	2021/22-4	Dry	5/19/2022 8:35:00 AM	5/31/2022 5:04:00 PM	Thallium	Total	<	0.021	µg/L	EPA 200.8	0.021	0.2	WKL	
MO-SIM	2021/22-4	Dry	5/19/2022 8:35:00 AM	5/31/2022 5:01:00 PM	Zinc	Dissolved	DNQ	1	µg/L	EPA 200.8	0.8	10	WKL	
MO-SIM	2021/22-4	Dry	5/19/2022 8:35:00 AM	5/31/2022 5:04:00 PM	Zinc	Total	<	1.7	µg/L	EPA 200.8	1.7	10	WKL	
MO-SIM	2021/22-4	Dry	5/19/2022 8:35:00 AM	5/26/2022 4:28:00 PM	Ammonia as N	n/a	DNQ	0.025	mg/L	EPA 350.1	0.017	0.1	WKL	
MO-SIM	2021/22-4	Dry	5/19/2022 8:35:00 AM	5/20/2022 5:09:00 PM	Nitrate + Nitrite as N	n/a	=	9	mg/L	EPA 353.2	0.036	0.2	WKL	
MO-SIM	2021/22-4	Dry	5/19/2022 8:35:00 AM	6/1/2022 8:50:00 PM	Phosphorus as P	Dissolved	<	0.018	mg/L	EPA 200.7	0.018	0.05	WKL	
MO-SIM	2021/22-4	Dry	5/19/2022 8:35:00 AM	6/1/2022 8:53:00 PM	Phosphorus as P	Total	<	0.018	mg/L	EPA 200.7	0.018	0.05	WKL	
MO-SIM	2021/22-4	Dry	5/19/2022 8:35:00 AM	6/7/2022 1:39:00 PM	TKN	n/a	<	0.065	mg/L	EPA 351.2	0.065	0.1	WKL	
MO-SIM	2021/22-4	Dry	5/19/2022 8:35:00 AM	6/1/2022 2:30:00 AM	1,2,4-Trichlorobenzene	n/a	<	0.49	µg/L	EPA 625.1	0.49	1	WKL	
MO-SIM	2021/22-4	Dry	5/19/2022 8:35:00 AM	6/1/2022 2:30:00 AM	1,2-Dichlorobenzene	n/a	<	0.46	µg/L	EPA 625.1	0.46	1	WKL	
MO-SIM	2021/22-4	Dry	5/19/2022 8:35:00 AM	6/1/2022 2:30:00 AM	1,2-Diphenylhydrazine	n/a	<	0.3	µg/L	EPA 625.1	0.3	1	WKL	
MO-SIM	2021/22-4	Dry	5/19/2022 8:35:00 AM	6/1/2022 2:30:00 AM	1,3-Dichlorobenzene	n/a	<	0.42	µg/L	EPA 625.1	0.42	1	WKL	
MO-SIM	2021/22-4	Dry	5/19/2022 8:35:00 AM	6/1/2022 2:30:00 AM	1,4-Dichlorobenzene	n/a	<	0.48	µg/L	EPA 625.1	0.48	1	WKL	
MO-SIM	2021/22-4	Dry	5/19/2022 8:35:00 AM	6/25/2022 11:57:00 AM	1-Methylnaphthalene	n/a	<	0.024	µg/L	EPA 8270C	0.024	0.1	WKL	
MO-SIM	2021/22-4	Dry	5/19/2022 8:35:00 AM	6/24/2022 7:50:00 AM	2,4,5-Trichlorophenol	n/a	<	0.29	µg/L	EPA 8270C	0.29	1	WKL	
MO-SIM	2021/22-4	Dry	5/19/2022 8:35:00 AM	6/24/2022 7:50:00 AM	2,4,6-Trichlorophenol	n/a	<	0.3	µg/L	EPA 8270C	0.3	1	WKL	
MO-SIM	2021/22-4	Dry	5/19/2022 8:35:00 AM	6/1/2022 2:30:00 AM	2,4,6-Trichlorophenol	n/a	<	0.22	µg/L	EPA 625.1	0.22	1	WKL	
MO-SIM	2021/22-4	Dry	5/19/2022 8:35:00 AM	6/24/2022 7:50:00 AM	2,4-Dichlorophenol	n/a	<	0.51	µg/L	EPA 8270C	0.51	1	WKL	
MO-SIM	2021/22-4	Dry	5/19/2022 8:35:00 AM	6/1/2022 2:30:00 AM	2,4-Dichlorophenol	n/a	<	0.26	µg/L	EPA 625.1	0.26	1	WKL	
MO-SIM	2021/22-4	Dry	5/19/2022 8:35:00 AM	6/24/2022 7:50:00 AM	2,4-Dimethylphenol	n/a	<	1	µg/L	EPA 8270C	1	2	WKL	
MO-SIM	2021/22-4	Dry	5/19/2022 8:35:00 AM	6/1/2022 2:30:00 AM	2,4-Dimethylphenol	n/a	<	0.76	µg/L	EPA 625.1	0.76	1	WKL	
MO-SIM	2021/22-4	Dry	5/19/2022 8:35:00 AM	6/1/2022 2:30:00 AM	2,4-Dinitrophenol	n/a	<	1.9	µg/L	EPA 625.1	1.9	10	WKL	
MO-SIM	2021/22-4	Dry	5/19/2022 8:35:00 AM	6/24/2022 7:50:00 AM	2,4-Dinitrophenol	n/a	<	1	µg/L	EPA 8270C	1	2	WKL	
MO-SIM	2021/22-4	Dry	5/19/2022 8:35:00 AM	6/1/2022 2:30:00 AM	2,4-Dinitrotoluene	n/a	<	0.46	µg/L	EPA 625.1	0.46	1	WKL	
MO-SIM	2021/22-4	Dry	5/19/2022 8:35:00 AM	6/1/2022 2:30:00 AM	2,6-Dinitrotoluene	n/a	<	0.27	µg/L	EPA 625.1	0.27	1	WKL	
MO-SIM	2021/22-4	Dry	5/19/2022 8:35:00 AM	6/1/2022 2:30:00 AM	2-Chloronaphthalene	n/a	<	0.45	µg/L	EPA 625.1	0.45	1	WKL	
MO-SIM	2021/22-4	Dry	5/19/2022 8:35:00 AM	6/24/2022 7:50:00 AM	2-Chlorophenol	n/a	<	0.65	µg/L	EPA 8270C	0.65	1	WKL	
MO-SIM	2021/22-4	Dry	5/19/2022 8:35:00 AM	6/1/2022 2:30:00 AM	2-Chlorophenol	n/a	<	0.28	µg/L	EPA 625.1	0.28	1	WKL	
MO-SIM	2021/22-4	Dry	5/19/2022 8:35:00 AM	6/25/2022 11:57:00 AM	2-Methylnaphthalene	n/a	<	0.026	µg/L	EPA 8270C	0.026	0.1	WKL	
MO-SIM	2021/22-4	Dry	5/19/2022 8:35:00 AM	6/24/2022 7:50:00 AM	2-Methylphenol	n/a	<	0.34	µg/L	EPA 8270C	0.34	1	WKL	
MO-SIM	2021/22-4	Dry	5/19/2022 8:35:00 AM	6/1/2022 2:30:00 AM	2-Nitrophenol	n/a	<	0.26	µg/L	EPA 625.1	0.26	1	WKL	
MO-SIM	2021/22-4	Dry	5/19/2022 8:35:00 AM	6/24/2022 7:50:00 AM	2-Nitrophenol	n/a	<	0.71	µg/L	EPA 8270C	0.71	1	WKL	
MO-SIM	2021/22-4	Dry	5/19/2022 8:35:00 AM	6/1/2022 2:30:00 AM	3,3'-Dichlorobenzidine	n/a	<	2.5	µg/L	EPA 625.1	2.5	5	WKL	
MO-SIM	2021/22-4	Dry	5/19/2022 8:35:00 AM	6/24/2022 7:50:00 AM	3-/4-Methylphenol	n/a	<	0.3	µg/L	EPA 8270C	0.3	1	WKL	
MO-SIM	2021/22-4	Dry	5/19/2022 8:35:00 AM	6/1/2022 2:30:00 AM	4,6-Dinitro-2-methylphenol	n/a	<	0.5	µg/L	EPA 625.1	0.5	5	WKL	
MO-SIM	2021/22-4	Dry	5/19/2022 8:35:00 AM	6/24/2022 7:50:00 AM	4,6-Dinitro-2-methylphenol	n/a	<	0.14	µg/L	EPA 8270C	0.14	1	WKL	
MO-SIM	2021/22-4	Dry	5/19/2022 8:35:00 AM	6/1/2022 2:30:00 AM	4-Bromophenyl phenyl ether	n/a	<	0.36	µg/L	EPA 625.1	0.36	1	WKL	
MO-SIM	2021/22-4	Dry	5/19/2022 8:35:00 AM	6/24/2022 7:50:00 AM	4-Chloro-3-methylphenol	n/a	<	0.37	µg/L	EPA 8270C	0.37	1	WKL	
MO-SIM	2021/22-4	Dry	5/19/2022 8:35:00 AM	6/1/2022 2:30:00 AM	4-Chloro-3-methylphenol	n/a	<	0.23	µg/L	EPA 625.1	0.23	1	WKL	
MO-SIM	2021/22-4	Dry	5/19/2022 8:35:00 AM	6/1/2022 2:30:00 AM	4-Chlorophenyl phenyl ether	n/a	<	0.41	µg/L	EPA 625.1	0.41	1	WKL	
MO-SIM	2021/22-4	Dry	5/19/2022 8:35:00 AM	6/1/2022 2:30:00 AM	4-Nitrophenol	n/a	<	1.2	µg/L	EPA 625.1	1.2	5	WKL	
MO-SIM	2021/22-4	Dry	5/19/2022 8:35:00 AM	6/24/2022 7:50:00 AM	4-Nitrophenol	n/a	<	1	µg/L	EPA 8270C	1	2	WKL	
MO-SIM	2021/22-4	Dry	5/19/2022 8:35:00 AM	6/1/2022 2:30:00 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
MO-SIM	2021/22-4	Dry	5/19/2022 8:35:00 AM	6/25/2022 11:57:00 AM	Acenaphthene	n/a	<	0.028	µg/L	EPA 8270C	0.028	0.1	WKL	
MO-SIM	2021/22-4	Dry	5/19/2022 8:35:00 AM	6/1/2022 2:30:00 AM	Acenaphthylene	n/a	<	0.35	µg/L	EPA 625.1	0.35	1	WKL	
MO-SIM	2021/22-4	Dry	5/19/2022 8:35:00 AM	6/25/2022 11:57:00 AM	Acenaphthylene	n/a	<	0.033	µg/L	EPA 8270C	0.033	0.1	WKL	
MO-SIM	2021/22-4	Dry	5/19/2022 8:35:00 AM	6/25/2022 11:57:00 AM	Anthracene	n/a	<	0.025	µg/L	EPA 8270C	0.025	0.1	WKL	
MO-SIM	2021/22-4	Dry	5/19/2022 8:35:00 AM	6/1/2022 2:30:00 AM	Anthracene	n/a	<	0.41	µg/L	EPA 625.1	0.41	1	WKL	
MO-SIM	2021/22-4	Dry	5/19/2022 8:35:00 AM	6/1/2022 2:30:00 AM	Benz(a)anthracene	n/a	<	0.19	µg/L	EPA 625.1	0.19	1	WKL	
MO-SIM	2021/22-4	Dry	5/19/2022 8:35:00 AM	6/25/2022 11:57:00 AM	Benz(a)anthracene	n/a	<	0.051	µg/L	EPA 8270C	0.051	0.1	WKL	
MO-SIM	2021/22-4	Dry	5/19/2022 8:35:00 AM	6/1/2022 2:30:00 AM	Benzdine	n/a	<	3.2	µg/L	EPA 625.1	3.2	10	WKL	
MO-SIM	2021/22-4	Dry	5/19/2022 8:35:00 AM	6/25/2022 11:57:00 AM	Benzo(a)pyrene	n/a	<	0.051	µg/L	EPA 8270C	0.051	0.1	WKL	
MO-SIM	2021/22-4	Dry	5/19/2022 8:35:00 AM	6/2/2022 10:56:00 PM	Benzo(a)pyrene	n/a	<	0.02	µg/L	EPA 525.2	0.02	0.1	WKL	
MO-SIM	2021/22-4	Dry	5/19/2022 8:35:00 AM	6/1/2022 2:30:00 AM	Benzo(a)pyrene	n/a	<	0.39	µg/L	EPA 625.1	0.39	1	WKL	
MO-SIM	2021/22-4	Dry	5/19/2022 8:35:00 AM	6/1/2022 2:30:00 AM	Benzo(b)fluoranthene	n/a	<	0.46	µg/L	EPA 625.1	0.46	1	WKL	
MO-SIM	2021/22-4	Dry	5/19/2022 8:35:00 AM	6/25/2022 11:57:00 AM	Benzo(b)fluoranthene	n/a	<	0.074	µg/L	EPA 8270C	0.074	0.1	WKL	
MO-SIM	2021/22-4	Dry	5/19/2022 8:35:00 AM	6/1/2022 2:30:00 AM	Benzo(g,h,i)perylene	n/a	<	0.42	µg/L	EPA 625.1	0.42	2	WKL	
MO-SIM	2021/22-4	Dry	5/19/2022 8:35:00 AM	6/25/2022 11:57:00 AM	Benzo(g,h,i)perylene	n/a	<	0.05	µg/L	EPA 8270C	0.05	0.1	WKL	
MO-SIM	2021/22-4	Dry	5/19/2022 8:35:00 AM	6/1/2022 2:30:00 AM	Benzo(k)fluoranthene	n/a	<	0.22	µg/L	EPA 625.1	0.22	1	WKL	
MO-SIM	2021/22-4	Dry	5/19/2022 8:35:00 AM	6/25/2022 11:57:00 AM	Benzo(k)fluoranthene	n/a	<	0.026	µg/L	EPA 8270C	0.026	0.1	WKL	
MO-SIM	2021/22-4	Dry	5/19/2022 8:35:00 AM	6/1/2022 2:30:00 AM	Bis(2-chloroethoxy)methane	n/a	<	0.25	µg/L	EPA 625.1	0.25	1	WKL	
MO-SIM	2021/22-4	Dry	5/19/2022 8:35:00 AM	6/1/2022 2:30:00 AM	Bis(2-chloroethyl)ether	n/a	<	0.27	µg/L	EPA 625.1	0.27	1	WKL	
MO-SIM	2021/22-4	Dry	5/19/2022 8:35:00 AM	6/1/2022 2:30:00 AM	Bis(2-chloroisopropyl)ether	n/a	<	0.38	µg/L	EPA 625.1	0.38	1	WKL	
MO-SIM	2021/22-4	Dry	5/19/2022 8:35:00 AM	6/2/2022 10:56:00 PM	Bis(2-ethylhexyl)adipate	n/a	<	0.42	µg/L	EPA 525.2	0.42	5	WKL	
MO-SIM	2021/22-4	Dry	5/19/2022 8:35:00 AM	6/2/2022 10:56:00 PM	Bis(2-ethylhexyl)phthalate	n/a	<	0.41	µg/L	EPA 525.2	0.41	3	WKL	
MO-SIM	2021/22-4	Dry	5/19/2022 8:35:00 AM	6/1/2022 2:30:00 AM	Bis(2-ethylhexyl)phthalate	n/a	DNQ	2.7	µg/L	EPA 625.1	2.3	5	WKL	
MO-SIM	2021/22-4	Dry	5/19/2022 8:35:00 AM	6/1/2022 2:30:00 AM	Butyl benzyl phthalate	n/a	<	0.49	µg/L	EPA 625.1	0.49	1	WKL	
MO-SIM	2021/22-4	Dry	5/19/2022 8:35:00 AM	6/1/2022 2:30:00 AM	Chrysene	n/a	<	0.19	µg/L	EPA 625.1	0.19	1	WKL	
MO-SIM	2021/22-4	Dry	5/19/2022 8:35:00 AM	6/25/2022 11:57:00 AM	Chrysene	n/a	<	0.074	µg/L	EPA 8270C	0.074	0.1	WKL	
MO-SIM	2021/22-4	Dry	5/19/2022 8:35:00 AM	6/25/2022 11:57:00 AM	Dibenz(a,h)anthracene	n/a	<	0.036	µg/L	EPA 8270C	0.036	0.1	WKL	
MO-SIM	2021/22-4	Dry	5/19/2022 8:35:00 AM	6/1/2022 2:30:00 AM	Dibenz(a,h)anthracene	n/a	<	0.15	µg/L	EPA 625.1	0.15	2	WKL	
MO-SIM	2021/22-4	Dry	5/19/2022 8:35:00 AM	6/1/2022 2:30:00 AM	Diethyl phthalate	n/a	<	0.35	µg/L	EPA 625.1	0.35	1	WKL	
MO-SIM	2021/22-4	Dry	5/19/2022 8:35:00 AM	6/1/2022 2:30:00 AM	Dimethyl phthalate	n/a	<	0.18	µg/L	EPA 625.1	0.18	1	WKL	
MO-SIM	2021/22-4	Dry	5/19/2022 8:35:00 AM	6/1/2022 2:30:00 AM	Di-n-butylphthalate	n/a	DNQ	0.49	µg/L	EPA 625.1	0.34	1	WKL	
MO-SIM	2021/22-4	Dry	5/19/2022 8:35:00 AM	6/1/2022 2:30:00 AM	Di-n-octylphthalate	n/a	<	0.46	µg/L	EPA 625.1	0.46	1	WKL	
MO-SIM	2021/22-4	Dry	5/19/2022 8:35:00 AM	6/1/2022 2:30:00 AM	Fluoranthene	n/a	<	0.35	µg/L	EPA 625.1	0.35	1	WKL	
MO-SIM	2021/22-4	Dry	5/19/2022 8:35:00 AM	6/25/2022 11:57:00 AM	Fluoranthene	n/a	<	0.039	µg/L	EPA 8270C	0.039	0.1	WKL	
MO-SIM	2021/22-4	Dry	5/19/2022 8:35:00 AM	6/1/2022 2:30:00 AM	Fluorene	n/a	<	0.35	µg/L	EPA 625.1	0.35	1	WKL	
MO-SIM	2021/22-4	Dry	5/19/2022 8:35:00 AM	6/25/2022 11:57:00 AM	Fluorene	n/a	<	0.029	µg/L	EPA 8270C	0.029	0.1	WKL	
MO-SIM	2021/22-4	Dry	5/19/2022 8:35:00 AM	6/1/2022 2:30:00 AM	Hexachlorobenzene	n/a	<	0.49	µg/L	EPA 625.1	0.49	1	WKL	
MO-SIM	2021/22-4	Dry	5/19/2022 8:35:00 AM	6/1/2022 2:30:00 AM	Hexachlorobutadiene	n/a	<	0.47	µg/L	EPA 625.1	0.47	1	WKL	
MO-SIM	2021/22-4	Dry	5/19/2022 8:35:00 AM	6/1/2022 2:30:00 AM	Hexachlorocyclopentadiene	n/a	<	0.31	µg/L	EPA 625.1	0.31	5	WKL	
MO-SIM	2021/22-4	Dry	5/19/2022 8:35:00 AM	6/2/2022 10:56:00 PM	Hexachlorocyclopentadiene	n/a	<	0.092	µg/L	EPA 525.2	0.092	1	WKL	
MO-SIM	2021/22-4	Dry	5/19/2022 8:35:00 AM	6/1/2022 2:30:00 AM	Hexachloroethane	n/a	<	0.5	µg/L	EPA 625.1	0.5	1	WKL	
MO-SIM	2021/22-4	Dry	5/19/2022 8:35:00 AM	6/1/2022 2:30:00 AM	Indeno(1,2,3-cd)pyrene	n/a	<	0.25	µg/L	EPA 625.1	0.25	2	WKL	
MO-SIM	2021/22-4	Dry	5/19/2022 8:35:00 AM	6/25/2022 11:57:00 AM	Indeno(1,2,3-cd)pyrene	n/a	<	0.065	µg/L	EPA 8270C	0.065	0.1	WKL	
MO-SIM	2021/22-4	Dry	5/19/2022 8:35:00 AM	6/1/2022 2:30:00 AM	Isophorone	n/a	<	0.21	µg/L	EPA 625.1	0.21	1	WKL	
MO-SIM	2021/22-4	Dry	5/19/2022 8:35:00 AM	6/1/2022 2:30:00 AM	Naphthalene	n/a	<	0.49	µg/L	EPA 625.1	0.49	1	WKL	
MO-SIM	2021/22-4	Dry	5/19/2022 8:35:00 AM	6/25/2022 11:57:00 AM	Naphthalene	n/a	<	0.026	µg/L	EPA 8270C	0.026	0.1	WKL	
MO-SIM	2021/22-4	Dry	5/19/2022 8:35:00 AM	6/1/2022 2:30:00 AM	Nitrobenzene	n/a	<	0.36	µg/L	EPA 625.1	0.36	1	WKL	
MO-SIM	2021/22-4	Dry	5/19/2022 8:35:00 AM	6/1/2022 2:30:00 AM	N-Nitrosodimethylamine	n/a	<	0.5	µg/L	EPA 625.1	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	2021/22-4	Dry	5/19/2022 8:35:00 AM	6/1/2022 2:30:00 AM	N-Nitrosodi-N-propylamine	n/a	<	0.26	µg/L	EPA 625.1	0.26	1	WKL	
MO-SIM	2021/22-4	Dry	5/19/2022 8:35:00 AM	6/1/2022 2:30:00 AM	N-Nitrosodiphenylamine	n/a	<	0.19	µg/L	EPA 625.1	0.19	1	WKL	
MO-SIM	2021/22-4	Dry	5/19/2022 8:35:00 AM	6/1/2022 2:30:00 AM	Phenanthrene	n/a	<	0.32	µg/L	EPA 625.1	0.32	1	WKL	
MO-SIM	2021/22-4	Dry	5/19/2022 8:35:00 AM	6/25/2022 11:57:00 AM	Phenanthrene	n/a	<	0.029	µg/L	EPA 8270C	0.029	0.1	WKL	
MO-SIM	2021/22-4	Dry	5/19/2022 8:35:00 AM	6/1/2022 2:30:00 AM	Phenol	n/a	<	0.81	µg/L	EPA 625.1	0.81	1	WKL	
MO-SIM	2021/22-4	Dry	5/19/2022 8:35:00 AM	6/24/2022 7:50:00 AM	Phenol	n/a	<	0.35	µg/L	EPA 8270C	0.35	1	WKL	
MO-SIM	2021/22-4	Dry	5/19/2022 8:35:00 AM	6/1/2022 2:30:00 AM	Pyrene	n/a	<	0.25	µg/L	EPA 625.1	0.25	1	WKL	
MO-SIM	2021/22-4	Dry	5/19/2022 8:35:00 AM	6/25/2022 11:57:00 AM	Pyrene	n/a	<	0.04	µg/L	EPA 8270C	0.04	0.1	WKL	
MO-SIM	2021/22-4	Dry	5/19/2022 8:35:00 AM	5/27/2022 6:57:00 AM	PCB Aroclor 1016	n/a	<	0.29	µg/L	EPA 608.3	0.29	5	WKL	
MO-SIM	2021/22-4	Dry	5/19/2022 8:35:00 AM	5/27/2022 6:57:00 AM	PCB Aroclor 1221	n/a	<	0.6	µg/L	EPA 608.3	0.6	5	WKL	
MO-SIM	2021/22-4	Dry	5/19/2022 8:35:00 AM	5/27/2022 6:57:00 AM	PCB Aroclor 1232	n/a	<	1	µg/L	EPA 608.3	1	5	WKL	
MO-SIM	2021/22-4	Dry	5/19/2022 8:35:00 AM	5/27/2022 6:57:00 AM	PCB Aroclor 1242	n/a	<	0.7	µg/L	EPA 608.3	0.7	5	WKL	
MO-SIM	2021/22-4	Dry	5/19/2022 8:35:00 AM	5/27/2022 6:57:00 AM	PCB Aroclor 1248	n/a	<	0.6	µg/L	EPA 608.3	0.6	5	WKL	
MO-SIM	2021/22-4	Dry	5/19/2022 8:35:00 AM	5/27/2022 6:57:00 AM	PCB Aroclor 1254	n/a	<	0.4	µg/L	EPA 608.3	0.4	5	WKL	
MO-SIM	2021/22-4	Dry	5/19/2022 8:35:00 AM	5/27/2022 6:57:00 AM	PCB Aroclor 1260	n/a	<	0.55	µg/L	EPA 608.3	0.55	5	WKL	
MO-SIM	2021/22-4	Dry	5/19/2022 8:35:00 AM	5/28/2022 11:35:00 PM	2,4,5-T	n/a	<	0.03	µg/L	EPA 515.4	0.03	0.2	WKL	
MO-SIM	2021/22-4	Dry	5/19/2022 8:35:00 AM	5/28/2022 11:35:00 PM	2,4,5-TP	n/a	<	0.026	µg/L	EPA 515.4	0.026	0.2	WKL	
MO-SIM	2021/22-4	Dry	5/19/2022 8:35:00 AM	5/28/2022 11:35:00 PM	2,4-D	n/a	<	0.14	µg/L	EPA 515.4	0.14	0.4	WKL	
MO-SIM	2021/22-4	Dry	5/19/2022 8:35:00 AM	5/28/2022 11:35:00 PM	2,4-DB	n/a	<	0.19	µg/L	EPA 515.4	0.19	2	WKL	
MO-SIM	2021/22-4	Dry	5/19/2022 8:35:00 AM	5/28/2022 11:35:00 PM	3,5-Dichlorobenzoic acid	n/a	<	0.12	µg/L	EPA 515.4	0.12	1	WKL	
MO-SIM	2021/22-4	Dry	5/19/2022 8:35:00 AM	5/27/2022 6:57:00 AM	4,4'-DDD	n/a	<	0.007	µg/L	EPA 608.3	0.007	0.5	WKL	
MO-SIM	2021/22-4	Dry	5/19/2022 8:35:00 AM	5/27/2022 6:57:00 AM	4,4'-DDE	n/a	<	0.007	µg/L	EPA 608.3	0.007	0.5	WKL	
MO-SIM	2021/22-4	Dry	5/19/2022 8:35:00 AM	5/27/2022 6:57:00 AM	4,4'-DDT	n/a	<	0.011	µg/L	EPA 608.3	0.011	0.1	WKL	
MO-SIM	2021/22-4	Dry	5/19/2022 8:35:00 AM	5/28/2022 11:35:00 PM	Acifluorfen	n/a	<	0.03	µg/L	EPA 515.4	0.03	0.4	WKL	
MO-SIM	2021/22-4	Dry	5/19/2022 8:35:00 AM	6/2/2022 10:56:00 PM	Alachlor	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1	WKL	
MO-SIM	2021/22-4	Dry	5/19/2022 8:35:00 AM	5/27/2022 6:57:00 AM	Aldrin	n/a	<	0.01	µg/L	EPA 608.3	0.01	0.05	WKL	
MO-SIM	2021/22-4	Dry	5/19/2022 8:35:00 AM	5/27/2022 6:57:00 AM	alpha-BHC	n/a	<	0.011	µg/L	EPA 608.3	0.011	0.1	WKL	
MO-SIM	2021/22-4	Dry	5/19/2022 8:35:00 AM	7/29/2022 4:03:00 AM	alpha-Chlordane	n/a	<	0.0058	µg/L	EPA 608.3	0.0058	0.02	WKL	EST-HT
MO-SIM	2021/22-4	Dry	5/19/2022 8:35:00 AM	6/2/2022 10:56:00 PM	Atrazine	n/a	<	0.011	µg/L	EPA 525.2	0.011	0.1	WKL	
MO-SIM	2021/22-4	Dry	5/19/2022 8:35:00 AM	6/2/2022 3:24:00 AM	Azinphos methyl	n/a	<	0.0053	µg/L	EPA 625.1m	0.0053	0.01	WKL	
MO-SIM	2021/22-4	Dry	5/19/2022 8:35:00 AM	5/28/2022 11:35:00 PM	Bentazon	n/a	<	0.23	µg/L	EPA 515.4	0.23	2	WKL	
MO-SIM	2021/22-4	Dry	5/19/2022 8:35:00 AM	5/27/2022 6:57:00 AM	beta-BHC	n/a	<	0.015	µg/L	EPA 608.3	0.015	0.05	WKL	
MO-SIM	2021/22-4	Dry	5/19/2022 8:35:00 AM	6/2/2022 3:24:00 AM	Bolstar	n/a	<	0.0027	µg/L	EPA 625.1m	0.0027	0.01	WKL	
MO-SIM	2021/22-4	Dry	5/19/2022 8:35:00 AM	6/2/2022 10:56:00 PM	Bromacil	n/a	<	0.07	µg/L	EPA 525.2	0.07	0.5	WKL	
MO-SIM	2021/22-4	Dry	5/19/2022 8:35:00 AM	6/2/2022 10:56:00 PM	Butachlor	n/a	<	0.012	µg/L	EPA 525.2	0.012	0.1	WKL	
MO-SIM	2021/22-4	Dry	5/19/2022 8:35:00 AM	6/2/2022 10:56:00 PM	Captan	n/a	<	0.32	µg/L	EPA 525.2	0.32	1	WKL	
MO-SIM	2021/22-4	Dry	5/19/2022 8:35:00 AM	5/27/2022 6:57:00 AM	Chlordane (technical)	n/a	<	0.43	µg/L	EPA 608.3	0.43	1	WKL	
MO-SIM	2021/22-4	Dry	5/19/2022 8:35:00 AM	6/2/2022 10:56:00 PM	Chlorpropham	n/a	<	0.04	µg/L	EPA 525.2	0.04	0.1	WKL	
MO-SIM	2021/22-4	Dry	5/19/2022 8:35:00 AM	6/2/2022 3:24:00 AM	Chlorpyrifos	n/a	<	0.0013	µg/L	EPA 625.1m	0.0013	0.01	WKL	
MO-SIM	2021/22-4	Dry	5/19/2022 8:35:00 AM	6/2/2022 3:24:00 AM	Coumaphos	n/a	<	0.0055	µg/L	EPA 625.1m	0.0055	0.01	WKL	
MO-SIM	2021/22-4	Dry	5/19/2022 8:35:00 AM	5/28/2022 11:35:00 PM	Dalapon	n/a	<	0.11	µg/L	EPA 515.4	0.11	0.4	WKL	
MO-SIM	2021/22-4	Dry	5/19/2022 8:35:00 AM	5/28/2022 11:35:00 PM	DCPA (Dacthal)	n/a	<	0.029	µg/L	EPA 515.4	0.029	0.1	WKL	
MO-SIM	2021/22-4	Dry	5/19/2022 8:35:00 AM	5/27/2022 6:57:00 AM	delta-BHC	n/a	<	0.019	µg/L	EPA 608.3	0.019	0.05	WKL	
MO-SIM	2021/22-4	Dry	5/19/2022 8:35:00 AM	6/2/2022 3:24:00 AM	Demeton-O	n/a	<	0.0019	µg/L	EPA 625.1m	0.0019	0.01	WKL	
MO-SIM	2021/22-4	Dry	5/19/2022 8:35:00 AM	6/2/2022 3:24:00 AM	Demeton-S	n/a	<	0.0014	µg/L	EPA 625.1m	0.0014	0.01	WKL	LB-LCSR
MO-SIM	2021/22-4	Dry	5/19/2022 8:35:00 AM	6/2/2022 10:56:00 PM	Diazinon	n/a	<	0.022	µg/L	EPA 525.2	0.022	0.1	WKL	
MO-SIM	2021/22-4	Dry	5/19/2022 8:35:00 AM	6/2/2022 3:24:00 AM	Diazinon	n/a	<	0.001	µg/L	EPA 625.1m	0.001	0.01	WKL	LB-LCSR
MO-SIM	2021/22-4	Dry	5/19/2022 8:35:00 AM	5/28/2022 11:35:00 PM	Dicamba	n/a	<	0.049	µg/L	EPA 515.4	0.049	0.6	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-SIM	2021/22-4	Dry	5/19/2022 8:35:00 AM	5/28/2022 11:35:00 PM	Dichlorprop	n/a	<	0.12	µg/L	EPA 515.4	0.12	0.3	WKL	
MO-SIM	2021/22-4	Dry	5/19/2022 8:35:00 AM	6/2/2022 3:24:00 AM	Dichlorvos	n/a	<	0.0009	µg/L	EPA 625.1m	0.0009	0.01	WKL	
MO-SIM	2021/22-4	Dry	5/19/2022 8:35:00 AM	5/27/2022 6:57:00 AM	Dieldrin	n/a	<	0.008	µg/L	EPA 608.3	0.008	0.1	WKL	
MO-SIM	2021/22-4	Dry	5/19/2022 8:35:00 AM	6/2/2022 10:56:00 PM	Dimethoate	n/a	<	0.02	µg/L	EPA 525.2	0.02	0.2	WKL	
MO-SIM	2021/22-4	Dry	5/19/2022 8:35:00 AM	6/2/2022 3:24:00 AM	Dimethoate	n/a	<	0.0027	µg/L	EPA 625.1m	0.0027	0.01	WKL	
MO-SIM	2021/22-4	Dry	5/19/2022 8:35:00 AM	5/28/2022 11:35:00 PM	Dinoseb	n/a	<	0.033	µg/L	EPA 515.4	0.033	0.4	WKL	
MO-SIM	2021/22-4	Dry	5/19/2022 8:35:00 AM	6/2/2022 10:56:00 PM	Diphenamid	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1	WKL	
MO-SIM	2021/22-4	Dry	5/19/2022 8:35:00 AM	6/2/2022 3:24:00 AM	Disulfoton	n/a	<	0.0017	µg/L	EPA 625.1m	0.0017	0.01	WKL	
MO-SIM	2021/22-4	Dry	5/19/2022 8:35:00 AM	6/2/2022 10:56:00 PM	Disulfoton	n/a	<	0.015	µg/L	EPA 525.2	0.015	0.1	WKL	
MO-SIM	2021/22-4	Dry	5/19/2022 8:35:00 AM	5/27/2022 6:57:00 AM	Endosulfan I	n/a	<	0.009	µg/L	EPA 608.3	0.009	0.2	WKL	
MO-SIM	2021/22-4	Dry	5/19/2022 8:35:00 AM	5/27/2022 6:57:00 AM	Endosulfan II	n/a	<	0.007	µg/L	EPA 608.3	0.007	0.1	WKL	
MO-SIM	2021/22-4	Dry	5/19/2022 8:35:00 AM	5/27/2022 6:57:00 AM	Endosulfan sulfate	n/a	<	0.013	µg/L	EPA 608.3	0.013	0.5	WKL	
MO-SIM	2021/22-4	Dry	5/19/2022 8:35:00 AM	5/27/2022 6:57:00 AM	Endrin	n/a	<	0.017	µg/L	EPA 608.3	0.017	0.1	WKL	
MO-SIM	2021/22-4	Dry	5/19/2022 8:35:00 AM	5/27/2022 6:57:00 AM	Endrin aldehyde	n/a	<	0.019	µg/L	EPA 608.3	0.019	0.1	WKL	
MO-SIM	2021/22-4	Dry	5/19/2022 8:35:00 AM	6/2/2022 10:56:00 PM	EPTC	n/a	<	0.02	µg/L	EPA 525.2	0.02	0.1	WKL	
MO-SIM	2021/22-4	Dry	5/19/2022 8:35:00 AM	6/2/2022 3:24:00 AM	Ethoprop	n/a	<	0.0006	µg/L	EPA 625.1m	0.0006	0.01	WKL	
MO-SIM	2021/22-4	Dry	5/19/2022 8:35:00 AM	6/2/2022 3:24:00 AM	Ethyl parathion	n/a	<	0.0022	µg/L	EPA 625.1m	0.0022	0.01	WKL	
MO-SIM	2021/22-4	Dry	5/19/2022 8:35:00 AM	6/2/2022 3:24:00 AM	Fensulfothion	n/a	<	0.0029	µg/L	EPA 625.1m	0.0029	0.01	WKL	
MO-SIM	2021/22-4	Dry	5/19/2022 8:35:00 AM	6/2/2022 3:24:00 AM	Fenthion	n/a	<	0.0021	µg/L	EPA 625.1m	0.0021	0.01	WKL	
MO-SIM	2021/22-4	Dry	5/19/2022 8:35:00 AM	5/27/2022 6:57:00 AM	gamma-BHC (Lindane)	n/a	<	0.004	µg/L	EPA 608.3	0.004	0.2	WKL	
MO-SIM	2021/22-4	Dry	5/19/2022 8:35:00 AM	7/29/2022 4:03:00 PM	gamma-Chlordane	n/a	<	0.0046	µg/L	EPA 608.3	0.0046	0.02	WKL	EST-HT
MO-SIM	2021/22-4	Dry	5/19/2022 8:35:00 AM	5/24/2022 8:03:00 PM	Glyphosate	n/a	<	1.8	µg/L	EPA 547	1.8	5	WKL	
MO-SIM	2021/22-4	Dry	5/19/2022 8:35:00 AM	5/27/2022 6:57:00 AM	Heptachlor	n/a	<	0.006	µg/L	EPA 608.3	0.006	0.1	WKL	
MO-SIM	2021/22-4	Dry	5/19/2022 8:35:00 AM	5/27/2022 6:57:00 AM	Heptachlor epoxide	n/a	<	0.004	µg/L	EPA 608.3	0.004	0.1	WKL	
MO-SIM	2021/22-4	Dry	5/19/2022 8:35:00 AM	6/2/2022 3:24:00 AM	Malathion	n/a	<	0.0021	µg/L	EPA 625.1m	0.0021	0.01	WKL	
MO-SIM	2021/22-4	Dry	5/19/2022 8:35:00 AM	6/2/2022 3:24:00 AM	Merphos	n/a	<	0.0055	µg/L	EPA 625.1m	0.0055	0.01	WKL	
MO-SIM	2021/22-4	Dry	5/19/2022 8:35:00 AM	6/2/2022 3:24:00 AM	Methyl parathion	n/a	<	0.0013	µg/L	EPA 625.1m	0.0013	0.01	WKL	
MO-SIM	2021/22-4	Dry	5/19/2022 8:35:00 AM	6/2/2022 10:56:00 PM	Metolachlor	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1	WKL	
MO-SIM	2021/22-4	Dry	5/19/2022 8:35:00 AM	6/2/2022 10:56:00 PM	Metribuzin	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1	WKL	
MO-SIM	2021/22-4	Dry	5/19/2022 8:35:00 AM	6/2/2022 3:24:00 AM	Mevinphos	n/a	<	0.0013	µg/L	EPA 625.1m	0.0013	0.01	WKL	
MO-SIM	2021/22-4	Dry	5/19/2022 8:35:00 AM	6/2/2022 10:56:00 PM	Molinate	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1	WKL	
MO-SIM	2021/22-4	Dry	5/19/2022 8:35:00 AM	6/2/2022 3:24:00 AM	Naled	n/a	<	0.0007	µg/L	EPA 625.1m	0.0007	0.01	WKL	
MO-SIM	2021/22-4	Dry	5/19/2022 8:35:00 AM	5/28/2022 11:35:00 PM	Pentachlorophenol	n/a	<	0.046	µg/L	EPA 515.4	0.046	0.2	WKL	
MO-SIM	2021/22-4	Dry	5/19/2022 8:35:00 AM	6/1/2022 2:30:00 AM	Pentachlorophenol	n/a	<	0.4	µg/L	EPA 625.1	0.4	1	WKL	
MO-SIM	2021/22-4	Dry	5/19/2022 8:35:00 AM	6/24/2022 7:50:00 AM	Pentachlorophenol	n/a	<	0.15	µg/L	EPA 8270C	0.15	1	WKL	
MO-SIM	2021/22-4	Dry	5/19/2022 8:35:00 AM	6/2/2022 3:24:00 AM	Phorate	n/a	<	0.0014	µg/L	EPA 625.1m	0.0014	0.01	WKL	
MO-SIM	2021/22-4	Dry	5/19/2022 8:35:00 AM	5/28/2022 11:35:00 PM	Picloram	n/a	<	0.05	µg/L	EPA 515.4	0.05	0.6	WKL	
MO-SIM	2021/22-4	Dry	5/19/2022 8:35:00 AM	6/2/2022 10:56:00 PM	Prometryn	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1	WKL	
MO-SIM	2021/22-4	Dry	5/19/2022 8:35:00 AM	6/2/2022 3:24:00 AM	Ronnel (Fenchlorphos)	n/a	<	0.0014	µg/L	EPA 625.1m	0.0014	0.01	WKL	
MO-SIM	2021/22-4	Dry	5/19/2022 8:35:00 AM	6/2/2022 10:56:00 PM	Simazine	n/a	<	0.02	µg/L	EPA 525.2	0.02	0.1	WKL	
MO-SIM	2021/22-4	Dry	5/19/2022 8:35:00 AM	6/2/2022 3:24:00 AM	Stirophos (Tetrachlorvinphos)	n/a	<	0.0024	µg/L	EPA 625.1m	0.0024	0.01	WKL	
MO-SIM	2021/22-4	Dry	5/19/2022 8:35:00 AM	6/2/2022 10:56:00 PM	Terbacil	n/a	<	0.09	µg/L	EPA 525.2	0.09	2	WKL	
MO-SIM	2021/22-4	Dry	5/19/2022 8:35:00 AM	6/2/2022 10:56:00 PM	Thiobencarb	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1	WKL	
MO-SIM	2021/22-4	Dry	5/19/2022 8:35:00 AM	6/2/2022 3:24:00 AM	Tokuthion	n/a	<	0.0022	µg/L	EPA 625.1m	0.0022	0.01	WKL	
MO-SIM	2021/22-4	Dry	5/19/2022 8:35:00 AM	5/27/2022 6:57:00 AM	Toxaphene	n/a	<	0.85	µg/L	EPA 608.3	0.85	5	WKL	
MO-SIM	2021/22-4	Dry	5/19/2022 8:35:00 AM	6/2/2022 3:24:00 AM	Trichloronate	n/a	<	0.0016	µg/L	EPA 625.1m	0.0016	0.01	WKL	
MO-SIM	2021/22-4	Dry	5/19/2022 8:35:00 AM	6/2/2022 10:56:00 PM	Trithion	n/a	<	0.02	µg/L	EPA 525.2	0.02	0.1	WKL	
MO-SIM	2022-DRY	Dry	8/3/2022 9:00:00 AM	8/4/2022 12:40:00 PM	E. Coli	n/a	=	296	MPN/100 mL	MMO-MUG	10	10	VCHCA	

Appendix G
Laboratory Environmental 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	2022-DRY	Dry	8/3/2022 9:00:00 AM	8/4/2022 12:40:00 PM	Total Coliform	n/a	=	77010	MPN/100 mL	MMO-MUG	100	100	VCHCA	
MO-SIM	2022-DRY	Dry	8/3/2022 9:00:00 AM	8/15/2022 2:20:00 PM	Calcium	Total	=	315	mg/L	EPA 200.7	0.0468	1	WKL	
MO-SIM	2022-DRY	Dry	8/3/2022 9:00:00 AM	8/11/2022 7:44:00 PM	Magnesium	Total	=	116	mg/L	EPA 200.7	0.039	0.5	WKL	
MO-SIM	2022-DRY	Dry	8/3/2022 9:00:00 AM	8/3/2022 9:00:00 AM	Conductivity	n/a	=	2865	µmhos/cm	Field Meter	-88	1	Field Crew	
MO-SIM	2022-DRY	Dry	8/3/2022 9:00:00 AM	8/3/2022 9:00:00 AM	Discharge	n/a	=	1	cfs	Field Estimate	-88	-88	Field Crew	
MO-SIM	2022-DRY	Dry	8/3/2022 9:00:00 AM	8/3/2022 9:00:00 AM	DO	n/a	=	100.4	%	Field Meter	-88	0.1	Field Crew	
MO-SIM	2022-DRY	Dry	8/3/2022 9:00:00 AM	8/3/2022 9:00:00 AM	DO	n/a	=	8.91	mg/L	Field Meter	-88	0.3	Field Crew	
MO-SIM	2022-DRY	Dry	8/3/2022 9:00:00 AM	8/15/2022 2:20:00 PM	Hardness as CaCO3	Total	=	1270	mg/L	EPA 200.7	0.278	4.56	WKL	
MO-SIM	2022-DRY	Dry	8/3/2022 9:00:00 AM	8/3/2022 9:00:00 AM	pH	n/a	=	7.95	pH Units	Field Meter	-88	0.01	Field Crew	
MO-SIM	2022-DRY	Dry	8/3/2022 9:00:00 AM	8/3/2022 9:00:00 AM	Salinity	n/a	=	1600	mg/L	Field Meter	-88	100	Field Crew	
MO-SIM	2022-DRY	Dry	8/3/2022 9:00:00 AM	8/3/2022 9:00:00 AM	Specific Conductance	n/a	=	3108	µmhos/cm	Field Meter	-88	1	Field Crew	
MO-SIM	2022-DRY	Dry	8/3/2022 9:00:00 AM	8/3/2022 9:00:00 AM	Temperature	n/a	=	20.9	°C	Field Meter	-88	0.1	Field Crew	
MO-SIM	2022-DRY	Dry	8/3/2022 9:00:00 AM	8/12/2022 11:39:00 PM	Total Organic Carbon	n/a	=	2.3	mg/L	SM 5310 B	0.19	0.3	WKL	
MO-SIM	2022-DRY	Dry	8/3/2022 9:00:00 AM	8/3/2022 9:00:00 AM	Turbidity	n/a	=	1.16	NTU	Field Meter	-88	0.01	Field Crew	
MO-SIM	2022-DRY	Dry	8/3/2022 9:00:00 AM	8/9/2022 7:26:00 PM	Copper	Dissolved	=	0.71	µg/L	EPA 200.8	0.23	0.5	WKL	
MO-SIM	2022-DRY	Dry	8/3/2022 9:00:00 AM	8/9/2022 7:26:00 PM	Lead	Dissolved	<	0.083	µg/L	EPA 200.8	0.083	0.2	WKL	
MO-SIM	2022-DRY	Dry	8/3/2022 9:00:00 AM	8/9/2022 7:26:00 PM	Zinc	Dissolved	DNQ	3	µg/L	EPA 200.8	0.8	10	WKL	UL-MB
MO-SPA	2021/22-1	Wet	10/25/2021 11:00:00 AM	10/26/2021 11:49:00 AM	E. Coli	n/a	=	12033	MPN/100 mL	MMO-MUG	10	10	FGL	
MO-SPA	2021/22-1	Wet	10/25/2021 11:00:00 AM	10/26/2021 11:49:00 AM	Total Coliform	n/a	=	980400	MPN/100 mL	MMO-MUG	1000	1000	FGL	
MO-SPA	2021/22-1	Wet	10/25/2021 11:00:00 AM	10/25/2021 11:00:00 AM	Conductivity	n/a	=	79.2	µmhos/cm	Field Meter	-88	1	Field Crew	
MO-SPA	2021/22-1	Wet	10/25/2021 11:00:00 AM	10/28/2021 3:42:00 PM	Cyanide	Total	=	0.0029	mg/L	ASTM D7511	0.0012	0.002	WKL	
MO-SPA	2021/22-1	Wet	10/25/2021 11:00:00 AM	10/25/2021 11:00:00 AM	DO	n/a	=	8.35	mg/L	Field Meter	-88	0.3	Field Crew	
MO-SPA	2021/22-1	Wet	10/25/2021 11:00:00 AM	10/25/2021 11:00:00 AM	DO	n/a	=	87.2	%	Field Meter	-88	0.1	Field Crew	
MO-SPA	2021/22-1	Wet	10/25/2021 11:00:00 AM	10/25/2021 11:00:00 AM	pH	n/a	=	7.27	pH Units	Field Meter	-88	0.01	Field Crew	
MO-SPA	2021/22-1	Wet	10/25/2021 11:00:00 AM	10/25/2021 11:00:00 AM	Salinity	n/a	<	100	mg/L	Field Meter	-88	100	Field Crew	
MO-SPA	2021/22-1	Wet	10/25/2021 11:00:00 AM	10/25/2021 11:00:00 AM	Specific Conductance	n/a	=	92.7	µmhos/cm	Field Meter	-88	1	Field Crew	
MO-SPA	2021/22-1	Wet	10/25/2021 11:00:00 AM	10/25/2021 11:00:00 AM	Temperature	n/a	=	17.2	°C	Field Meter	-88	0.1	Field Crew	
MO-SPA	2021/22-1	Wet	10/25/2021 11:00:00 AM	10/29/2021 4:21:00 PM	Gasoline Range Organics	n/a	<	0.065	mg/L	EPA 8260B	0.065	0.1	WKL	
MO-SPA	2021/22-1	Wet	10/25/2021 11:00:00 AM	11/11/2021 9:26:00 AM	Oil and Grease	n/a	DNQ	1.7	mg/L	EPA 1664B	1.3	5	WKL	
MO-SPA	2021/22-1	Wet	10/25/2021 11:00:00 AM	10/29/2021 5:23:00 PM	2-Chloroethyl vinyl ether	n/a	<	0.19	µg/L	EPA 624.1	0.19	1	WKL	
MO-SPA	2021/22-1	Wet	10/25/2021 11:00:00 AM	10/29/2021 5:23:00 PM	Methyl tert-butyl ether (MTBE)	n/a	<	0.4	µg/L	EPA 624.1	0.4	1	WKL	
MO-SPA	2021/22-1	Wet	10/26/2021 7:36:00 AM	11/13/2021 6:36:00 AM	Chloride	n/a	=	6.7	mg/L	EPA 300.0	0.38	1	WKL	
MO-SPA	2021/22-1	Wet	10/26/2021 7:36:00 AM	11/13/2021 6:36:00 AM	Fluoride	n/a	DNQ	0.092	mg/L	EPA 300.0	0.018	0.2	WKL	
MO-SPA	2021/22-1	Wet	10/26/2021 7:36:00 AM	10/31/2021 12:50:00 AM	Perchlorate	n/a	<	2	µg/L	EPA 314.0	2	10	WKL	
MO-SPA	2021/22-1	Wet	10/26/2021 7:36:00 AM	11/17/2021 7:25:00 PM	Calcium	Total	=	19	mg/L	EPA 200.7	0.16	0.5	WKL	
MO-SPA	2021/22-1	Wet	10/26/2021 7:36:00 AM	11/17/2021 7:25:00 PM	Magnesium	Total	=	4.83	mg/L	EPA 200.7	0.039	0.5	WKL	
MO-SPA	2021/22-1	Wet	10/26/2021 7:36:00 AM	10/29/2021 6:21:00 PM	Alkalinity as CaCO3	n/a	=	31	mg/L	SM 2320 B	2.3	5	WKL	
MO-SPA	2021/22-1	Wet	10/26/2021 7:36:00 AM	11/1/2021 6:08:00 PM	BOD	n/a	=	17	mg/L	SM 5210 B	2	2	WKL	
MO-SPA	2021/22-1	Wet	10/26/2021 7:36:00 AM	11/10/2021 11:21:00 AM	COD	n/a	=	140	mg/L	EPA 410.4	2.9	5	WKL	
MO-SPA	2021/22-1	Wet	10/26/2021 7:36:00 AM	11/17/2021 7:25:00 PM	Hardness as CaCO3	Total	=	67.4	mg/L	EPA 200.7	0.56	3.31	WKL	
MO-SPA	2021/22-1	Wet	10/26/2021 7:36:00 AM	10/27/2021 7:18:00 PM	MBAS	n/a	=	0.12	mg/L	SM 5540 C	0.013	0.05	WKL	
MO-SPA	2021/22-1	Wet	10/26/2021 7:36:00 AM	11/10/2021 2:15:00 PM	Phenolics	n/a	=	0.028	mg/L	EPA 420.4	0.0042	0.01	WKL	
MO-SPA	2021/22-1	Wet	10/26/2021 7:36:00 AM	10/30/2021 11:41:00 AM	Specific Conductance	n/a	=	160	µmhos/cm	SM 2510 B	1.1	2	WKL	
MO-SPA	2021/22-1	Wet	10/26/2021 7:36:00 AM	10/31/2021 1:00:00 PM	Total Dissolved Solids	n/a	=	110	mg/L	SM 2540 C	4	10	WKL	
MO-SPA	2021/22-1	Wet	10/26/2021 7:36:00 AM	11/5/2021 1:16:00 PM	Total Organic Carbon	n/a	=	23	mg/L	SM 5310 B	0.19	0.3	WKL	
MO-SPA	2021/22-1	Wet	10/26/2021 7:36:00 AM	10/28/2021 7:27:00 PM	Total Suspended Solids	n/a	=	290	mg/L	SM 2540 D	-88	5	WKL	
MO-SPA	2021/22-1	Wet	10/26/2021 7:36:00 AM	10/26/2021 5:13:00 PM	Turbidity	n/a	=	180	NTU	EPA 180.1	0.17	1	WKL	
MO-SPA	2021/22-1	Wet	10/26/2021 7:36:00 AM	10/28/2021 7:07:00 PM	Volatile Suspended Solids	n/a	=	55	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-SPA	2021/22-1	Wet	10/26/2021 7:36:00 AM	11/19/2021 6:52:00 AM	Diesel Range Organics	n/a	=	1.3	mg/L	EPA 8015B	0.072	0.1	WKL	EST-LCSRPD
MO-SPA	2021/22-1	Wet	10/26/2021 7:36:00 AM	11/19/2021 6:52:00 AM	Oil Range Organics	n/a	DNQ	0.33	mg/L	EPA 8015B	0.33	0.5	WKL	
MO-SPA	2021/22-1	Wet	10/26/2021 7:36:00 AM	11/12/2021 6:15:00 PM	Aluminum	Dissolved	=	38	µg/L	EPA 200.8	4.4	20	WKL	
MO-SPA	2021/22-1	Wet	10/26/2021 7:36:00 AM	11/12/2021 6:17:00 PM	Aluminum	Total	=	5000	µg/L	EPA 200.8	4.4	20	WKL	
MO-SPA	2021/22-1	Wet	10/26/2021 7:36:00 AM	11/12/2021 6:15:00 PM	Antimony	Dissolved	=	0.96	µg/L	EPA 200.8	0.089	0.5	WKL	
MO-SPA	2021/22-1	Wet	10/26/2021 7:36:00 AM	11/12/2021 6:17:00 PM	Antimony	Total	=	2.3	µg/L	EPA 200.8	0.089	0.5	WKL	
MO-SPA	2021/22-1	Wet	10/26/2021 7:36:00 AM	11/12/2021 6:15:00 PM	Arsenic	Dissolved	=	1.1	µg/L	EPA 200.8	0.074	0.4	WKL	
MO-SPA	2021/22-1	Wet	10/26/2021 7:36:00 AM	11/12/2021 6:17:00 PM	Arsenic	Total	=	3	µg/L	EPA 200.8	0.074	0.4	WKL	
MO-SPA	2021/22-1	Wet	10/26/2021 7:36:00 AM	11/12/2021 6:17:00 PM	Barium	Total	=	100	µg/L	EPA 200.8	0.14	1	WKL	
MO-SPA	2021/22-1	Wet	10/26/2021 7:36:00 AM	11/12/2021 6:15:00 PM	Beryllium	Dissolved	<	0.062	µg/L	EPA 200.8	0.062	0.1	WKL	
MO-SPA	2021/22-1	Wet	10/26/2021 7:36:00 AM	11/12/2021 6:17:00 PM	Beryllium	Total	=	0.2	µg/L	EPA 200.8	0.062	0.1	WKL	
MO-SPA	2021/22-1	Wet	10/26/2021 7:36:00 AM	11/12/2021 6:15:00 PM	Cadmium	Dissolved	DNQ	0.087	µg/L	EPA 200.8	0.042	0.2	WKL	
MO-SPA	2021/22-1	Wet	10/26/2021 7:36:00 AM	11/12/2021 6:17:00 PM	Cadmium	Total	=	0.59	µg/L	EPA 200.8	0.042	0.2	WKL	
MO-SPA	2021/22-1	Wet	10/26/2021 7:36:00 AM	11/12/2021 6:15:00 PM	Chromium	Dissolved	=	1.8	µg/L	EPA 200.8	0.089	0.2	WKL	
MO-SPA	2021/22-1	Wet	10/26/2021 7:36:00 AM	11/12/2021 6:17:00 PM	Chromium	Total	=	11	µg/L	EPA 200.8	0.089	0.2	WKL	
MO-SPA	2021/22-1	Wet	10/26/2021 7:36:00 AM	11/2/2021 4:33:00 PM	Chromium VI	n/a	=	1	µg/L	EPA 218.6	0.0079	0.02	WKL	
MO-SPA	2021/22-1	Wet	10/26/2021 7:36:00 AM	11/12/2021 6:15:00 PM	Copper	Dissolved	=	14	µg/L	EPA 200.8	0.23	0.5	WKL	
MO-SPA	2021/22-1	Wet	10/26/2021 7:36:00 AM	11/12/2021 6:17:00 PM	Copper	Total	=	40	µg/L	EPA 200.8	0.23	0.5	WKL	
MO-SPA	2021/22-1	Wet	10/26/2021 7:36:00 AM	11/12/2021 6:15:00 PM	Iron	Dissolved	=	100	µg/L	EPA 200.8	3.9	20	WKL	
MO-SPA	2021/22-1	Wet	10/26/2021 7:36:00 AM	11/12/2021 6:17:00 PM	Iron	Total	=	7200	µg/L	EPA 200.8	3.9	20	WKL	
MO-SPA	2021/22-1	Wet	10/26/2021 7:36:00 AM	11/12/2021 6:15:00 PM	Lead	Dissolved	=	0.95	µg/L	EPA 200.8	0.083	0.2	WKL	UL-MB
MO-SPA	2021/22-1	Wet	10/26/2021 7:36:00 AM	11/12/2021 6:17:00 PM	Lead	Total	=	22	µg/L	EPA 200.8	0.083	0.2	WKL	
MO-SPA	2021/22-1	Wet	10/26/2021 7:36:00 AM	11/5/2021 5:45:00 PM	Mercury	Dissolved	DNQ	21	ng/L	EPA 245.1	17	50	WKL	UL-MB
MO-SPA	2021/22-1	Wet	10/26/2021 7:36:00 AM	11/5/2021 5:47:00 PM	Mercury	Total	DNQ	45	ng/L	EPA 245.1	17	50	WKL	
MO-SPA	2021/22-1	Wet	10/26/2021 7:36:00 AM	11/12/2021 6:15:00 PM	Nickel	Dissolved	=	4.6	µg/L	EPA 200.8	0.16	2	WKL	
MO-SPA	2021/22-1	Wet	10/26/2021 7:36:00 AM	11/12/2021 6:17:00 PM	Nickel	Total	=	14	µg/L	EPA 200.8	0.16	2	WKL	
MO-SPA	2021/22-1	Wet	10/26/2021 7:36:00 AM	11/12/2021 6:15:00 PM	Selenium	Dissolved	DNQ	0.35	µg/L	EPA 200.8	0.067	0.4	WKL	
MO-SPA	2021/22-1	Wet	10/26/2021 7:36:00 AM	11/12/2021 6:17:00 PM	Selenium	Total	=	0.47	µg/L	EPA 200.8	0.067	0.4	WKL	
MO-SPA	2021/22-1	Wet	10/26/2021 7:36:00 AM	11/12/2021 6:15:00 PM	Silver	Dissolved	<	0.03	µg/L	EPA 200.8	0.03	0.2	WKL	
MO-SPA	2021/22-1	Wet	10/26/2021 7:36:00 AM	11/12/2021 6:17:00 PM	Silver	Total	DNQ	0.063	µg/L	EPA 200.8	0.03	0.2	WKL	
MO-SPA	2021/22-1	Wet	10/26/2021 7:36:00 AM	11/12/2021 6:15:00 PM	Thallium	Dissolved	<	0.021	µg/L	EPA 200.8	0.021	0.2	WKL	
MO-SPA	2021/22-1	Wet	10/26/2021 7:36:00 AM	11/12/2021 6:17:00 PM	Thallium	Total	DNQ	0.07	µg/L	EPA 200.8	0.021	0.2	WKL	
MO-SPA	2021/22-1	Wet	10/26/2021 7:36:00 AM	11/12/2021 6:15:00 PM	Zinc	Dissolved	=	77	µg/L	EPA 200.8	0.8	10	WKL	
MO-SPA	2021/22-1	Wet	10/26/2021 7:36:00 AM	11/12/2021 6:17:00 PM	Zinc	Total	=	280	µg/L	EPA 200.8	0.8	10	WKL	
MO-SPA	2021/22-1	Wet	10/26/2021 7:36:00 AM	10/27/2021 4:34:00 PM	Ammonia as N	n/a	=	0.57	mg/L	EPA 350.1	0.047	0.1	WKL	
MO-SPA	2021/22-1	Wet	10/26/2021 7:36:00 AM	10/28/2021 4:51:00 PM	Nitrate + Nitrite as N	n/a	=	0.86	mg/L	EPA 353.2	0.036	0.2	WKL	
MO-SPA	2021/22-1	Wet	10/26/2021 7:36:00 AM	11/17/2021 7:22:00 PM	Phosphorus as P	Dissolved	=	0.45	mg/L	EPA 200.7	0.018	0.05	WKL	
MO-SPA	2021/22-1	Wet	10/26/2021 7:36:00 AM	11/17/2021 7:25:00 PM	Phosphorus as P	Total	=	0.88	mg/L	EPA 200.7	0.018	0.05	WKL	
MO-SPA	2021/22-1	Wet	10/26/2021 7:36:00 AM	11/9/2021 3:17:00 PM	TKN	n/a	=	3.8	mg/L	EPA 351.2	0.13	0.2	WKL	
MO-SPA	2021/22-1	Wet	10/26/2021 7:36:00 AM	11/22/2021 10:29:00 PM	1,2,4-Trichlorobenzene	n/a	<	0.98	µg/L	EPA 625.1	0.98	2	WKL	
MO-SPA	2021/22-1	Wet	10/26/2021 7:36:00 AM	11/22/2021 10:29:00 PM	1,2-Dichlorobenzene	n/a	<	0.92	µg/L	EPA 625.1	0.92	2	WKL	
MO-SPA	2021/22-1	Wet	10/26/2021 7:36:00 AM	11/22/2021 10:29:00 PM	1,2-Diphenylhydrazine	n/a	<	0.6	µg/L	EPA 625.1	0.6	2	WKL	
MO-SPA	2021/22-1	Wet	10/26/2021 7:36:00 AM	11/22/2021 10:29:00 PM	1,3-Dichlorobenzene	n/a	<	0.84	µg/L	EPA 625.1	0.84	2	WKL	
MO-SPA	2021/22-1	Wet	10/26/2021 7:36:00 AM	11/22/2021 10:29:00 PM	1,4-Dichlorobenzene	n/a	<	0.96	µg/L	EPA 625.1	0.96	2	WKL	
MO-SPA	2021/22-1	Wet	10/26/2021 7:36:00 AM	11/17/2021 10:12:00 AM	1-Methylnaphthalene	n/a	DNQ	0.079	µg/L	EPA 8270C	0.048	0.2	WKL	
MO-SPA	2021/22-1	Wet	10/26/2021 7:36:00 AM	11/19/2021 10:59:00 AM	2,4,5-Trichlorophenol	n/a	<	0.58	µg/L	EPA 8270C	0.58	2	WKL	
MO-SPA	2021/22-1	Wet	10/26/2021 7:36:00 AM	11/22/2021 10:29:00 PM	2,4,6-Trichlorophenol	n/a	<	0.44	µg/L	EPA 625.1	0.44	2	WKL	
MO-SPA	2021/22-1	Wet	10/26/2021 7:36:00 AM	11/19/2021 10:59:00 PM	2,4,6-Trichlorophenol	n/a	<	0.6	µg/L	EPA 8270C	0.6	2	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-SPA	2021/22-1	Wet	10/26/2021 7:36:00 AM	11/22/2021 10:29:00 PM	2,4-Dichlorophenol	n/a	<	0.52	µg/L	EPA 625.1	0.52	2	WKL	
MO-SPA	2021/22-1	Wet	10/26/2021 7:36:00 AM	11/19/2021 10:59:00 PM	2,4-Dichlorophenol	n/a	<	1	µg/L	EPA 8270C	1	2	WKL	
MO-SPA	2021/22-1	Wet	10/26/2021 7:36:00 AM	11/22/2021 10:29:00 PM	2,4-Dimethylphenol	n/a	<	1.5	µg/L	EPA 625.1	1.5	2	WKL	
MO-SPA	2021/22-1	Wet	10/26/2021 7:36:00 AM	11/19/2021 10:59:00 PM	2,4-Dimethylphenol	n/a	<	2	µg/L	EPA 8270C	2	4	WKL	
MO-SPA	2021/22-1	Wet	10/26/2021 7:36:00 AM	11/22/2021 10:29:00 PM	2,4-Dinitrophenol	n/a	<	3.7	µg/L	EPA 625.1	3.7	20	WKL	
MO-SPA	2021/22-1	Wet	10/26/2021 7:36:00 AM	11/19/2021 10:59:00 PM	2,4-Dinitrophenol	n/a	<	2	µg/L	EPA 8270C	2	4	WKL	
MO-SPA	2021/22-1	Wet	10/26/2021 7:36:00 AM	11/22/2021 10:29:00 PM	2,4-Dinitrotoluene	n/a	<	0.92	µg/L	EPA 625.1	0.92	2	WKL	
MO-SPA	2021/22-1	Wet	10/26/2021 7:36:00 AM	11/22/2021 10:29:00 PM	2,6-Dinitrotoluene	n/a	<	0.54	µg/L	EPA 625.1	0.54	2	WKL	
MO-SPA	2021/22-1	Wet	10/26/2021 7:36:00 AM	11/22/2021 10:29:00 PM	2-Chloronaphthalene	n/a	<	0.9	µg/L	EPA 625.1	0.9	2	WKL	
MO-SPA	2021/22-1	Wet	10/26/2021 7:36:00 AM	11/22/2021 10:29:00 PM	2-Chlorophenol	n/a	<	0.56	µg/L	EPA 625.1	0.56	2	WKL	
MO-SPA	2021/22-1	Wet	10/26/2021 7:36:00 AM	11/19/2021 10:59:00 PM	2-Chlorophenol	n/a	<	1.3	µg/L	EPA 8270C	1.3	2	WKL	
MO-SPA	2021/22-1	Wet	10/26/2021 7:36:00 AM	11/17/2021 10:12:00 AM	2-Methylnaphthalene	n/a	DNQ	0.1	µg/L	EPA 8270C	0.052	0.2	WKL	
MO-SPA	2021/22-1	Wet	10/26/2021 7:36:00 AM	11/19/2021 10:59:00 PM	2-Methylphenol	n/a	<	0.68	µg/L	EPA 8270C	0.68	2	WKL	
MO-SPA	2021/22-1	Wet	10/26/2021 7:36:00 AM	11/19/2021 10:59:00 PM	2-Nitrophenol	n/a	<	1.4	µg/L	EPA 8270C	1.4	2	WKL	
MO-SPA	2021/22-1	Wet	10/26/2021 7:36:00 AM	11/22/2021 10:29:00 PM	2-Nitrophenol	n/a	<	0.52	µg/L	EPA 625.1	0.52	2	WKL	
MO-SPA	2021/22-1	Wet	10/26/2021 7:36:00 AM	11/22/2021 10:29:00 PM	3,3'-Dichlorobenzidine	n/a	<	5	µg/L	EPA 625.1	5	10	WKL	
MO-SPA	2021/22-1	Wet	10/26/2021 7:36:00 AM	11/19/2021 10:59:00 PM	3-4-Methylphenol	n/a	<	0.6	µg/L	EPA 8270C	0.6	2	WKL	
MO-SPA	2021/22-1	Wet	10/26/2021 7:36:00 AM	11/19/2021 10:59:00 PM	4,6-Dinitro-2-methylphenol	n/a	DNQ	1.7	µg/L	EPA 625.1	0.28	2	WKL	EST-LCSRPD
MO-SPA	2021/22-1	Wet	10/26/2021 7:36:00 AM	11/22/2021 10:29:00 PM	4,6-Dinitro-2-methylphenol	n/a	<	1	µg/L	EPA 625.1	1	10	WKL	
MO-SPA	2021/22-1	Wet	10/26/2021 7:36:00 AM	11/22/2021 10:29:00 PM	4-Bromophenyl phenyl ether	n/a	<	0.72	µg/L	EPA 625.1	0.72	2	WKL	
MO-SPA	2021/22-1	Wet	10/26/2021 7:36:00 AM	11/19/2021 10:59:00 PM	4-Chloro-3-methylphenol	n/a	<	0.74	µg/L	EPA 8270C	0.74	2	WKL	
MO-SPA	2021/22-1	Wet	10/26/2021 7:36:00 AM	11/22/2021 10:29:00 PM	4-Chloro-3-methylphenol	n/a	<	0.46	µg/L	EPA 625.1	0.46	2	WKL	
MO-SPA	2021/22-1	Wet	10/26/2021 7:36:00 AM	11/22/2021 10:29:00 PM	4-Chlorophenyl phenyl ether	n/a	<	0.82	µg/L	EPA 625.1	0.82	2	WKL	
MO-SPA	2021/22-1	Wet	10/26/2021 7:36:00 AM	11/19/2021 10:59:00 PM	4-Nitrophenol	n/a	<	2	µg/L	EPA 8270C	2	4	WKL	
MO-SPA	2021/22-1	Wet	10/26/2021 7:36:00 AM	11/22/2021 10:29:00 PM	4-Nitrophenol	n/a	<	2.5	µg/L	EPA 625.1	2.5	10	WKL	
MO-SPA	2021/22-1	Wet	10/26/2021 7:36:00 AM	11/17/2021 10:12:00 AM	Acenaphthene	n/a	<	0.056	µg/L	EPA 8270C	0.056	0.2	WKL	
MO-SPA	2021/22-1	Wet	10/26/2021 7:36:00 AM	11/22/2021 10:29:00 PM	Acenaphthene	n/a	<	0.76	µg/L	EPA 625.1	0.76	2	WKL	
MO-SPA	2021/22-1	Wet	10/26/2021 7:36:00 AM	11/22/2021 10:29:00 PM	Acenaphthylene	n/a	<	0.7	µg/L	EPA 625.1	0.7	2	WKL	
MO-SPA	2021/22-1	Wet	10/26/2021 7:36:00 AM	11/17/2021 10:12:00 AM	Acenaphthylene	n/a	<	0.066	µg/L	EPA 8270C	0.066	0.2	WKL	
MO-SPA	2021/22-1	Wet	10/26/2021 7:36:00 AM	11/17/2021 10:12:00 AM	Anthracene	n/a	<	0.05	µg/L	EPA 8270C	0.05	0.2	WKL	
MO-SPA	2021/22-1	Wet	10/26/2021 7:36:00 AM	11/22/2021 10:29:00 PM	Anthracene	n/a	<	0.82	µg/L	EPA 625.1	0.82	2	WKL	
MO-SPA	2021/22-1	Wet	10/26/2021 7:36:00 AM	11/22/2021 10:29:00 PM	Benz(a)anthracene	n/a	<	0.38	µg/L	EPA 625.1	0.38	2	WKL	
MO-SPA	2021/22-1	Wet	10/26/2021 7:36:00 AM	11/17/2021 10:12:00 AM	Benz(a)anthracene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.2	WKL	
MO-SPA	2021/22-1	Wet	10/26/2021 7:36:00 AM	11/22/2021 10:29:00 PM	Benzidine	n/a	<	6.4	µg/L	EPA 625.1	6.4	20	WKL	
MO-SPA	2021/22-1	Wet	10/26/2021 7:36:00 AM	11/17/2021 10:12:00 AM	Benzo(a)pyrene	n/a	DNQ	0.11	µg/L	EPA 8270C	0.1	0.2	WKL	
MO-SPA	2021/22-1	Wet	10/26/2021 7:36:00 AM	11/22/2021 10:29:00 PM	Benzo(a)pyrene	n/a	<	0.78	µg/L	EPA 625.1	0.78	2	WKL	
MO-SPA	2021/22-1	Wet	10/26/2021 7:36:00 AM	11/9/2021 9:47:00 PM	Benzo(a)pyrene	n/a	<	0.1	µg/L	EPA 525.2	0.1	0.5	WKL	
MO-SPA	2021/22-1	Wet	10/26/2021 7:36:00 AM	11/17/2021 10:12:00 AM	Benzo(b)fluoranthene	n/a	DNQ	0.16	µg/L	EPA 8270C	0.15	0.2	WKL	
MO-SPA	2021/22-1	Wet	10/26/2021 7:36:00 AM	11/22/2021 10:29:00 PM	Benzo(b)fluoranthene	n/a	<	0.92	µg/L	EPA 625.1	0.92	2	WKL	
MO-SPA	2021/22-1	Wet	10/26/2021 7:36:00 AM	11/17/2021 10:12:00 AM	Benzo(g,h,i)perylene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.2	WKL	
MO-SPA	2021/22-1	Wet	10/26/2021 7:36:00 AM	11/22/2021 10:29:00 PM	Benzo(g,h,i)perylene	n/a	<	0.84	µg/L	EPA 625.1	0.84	4	WKL	
MO-SPA	2021/22-1	Wet	10/26/2021 7:36:00 AM	11/17/2021 10:12:00 AM	Benzo(k)fluoranthene	n/a	DNQ	0.068	µg/L	EPA 8270C	0.052	0.2	WKL	
MO-SPA	2021/22-1	Wet	10/26/2021 7:36:00 AM	11/22/2021 10:29:00 PM	Benzo(k)fluoranthene	n/a	<	0.44	µg/L	EPA 625.1	0.44	2	WKL	
MO-SPA	2021/22-1	Wet	10/26/2021 7:36:00 AM	11/22/2021 10:29:00 PM	Bis(2-chloroethoxy)methane	n/a	<	0.5	µg/L	EPA 625.1	0.5	2	WKL	
MO-SPA	2021/22-1	Wet	10/26/2021 7:36:00 AM	11/22/2021 10:29:00 PM	Bis(2-chloroethyl)ether	n/a	<	0.54	µg/L	EPA 625.1	0.54	2	WKL	
MO-SPA	2021/22-1	Wet	10/26/2021 7:36:00 AM	11/22/2021 10:29:00 PM	Bis(2-chloroisopropyl)ether	n/a	<	0.76	µg/L	EPA 625.1	0.76	2	WKL	
MO-SPA	2021/22-1	Wet	10/26/2021 7:36:00 AM	11/9/2021 9:47:00 PM	Bis(2-ethylhexyl)adipate	n/a	<	2.1	µg/L	EPA 525.2	2.1	25	WKL	
MO-SPA	2021/22-1	Wet	10/26/2021 7:36:00 AM	11/22/2021 10:29:00 PM	Bis(2-ethylhexyl)phthalate	n/a	DNQ	5.2	µg/L	EPA 625.1	4.6	10	WKL	UL-MB

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-SPA	2021/22-1	Wet	10/26/2021 7:36:00 AM	11/9/2021 9:47:00 PM	Bis(2-ethylhexyl)phthalate	n/a	<	2	µg/L	EPA 525.2	2	15	WKL	
MO-SPA	2021/22-1	Wet	10/26/2021 7:36:00 AM	11/22/2021 10:29:00 PM	Butyl benzyl phthalate	n/a	DNQ	1.2	µg/L	EPA 625.1	0.98	2	WKL	
MO-SPA	2021/22-1	Wet	10/26/2021 7:36:00 AM	11/22/2021 10:29:00 PM	Chrysene	n/a	<	0.38	µg/L	EPA 625.1	0.38	2	WKL	
MO-SPA	2021/22-1	Wet	10/26/2021 7:36:00 AM	11/17/2021 10:12:00 AM	Chrysene	n/a	<	0.15	µg/L	EPA 8270C	0.15	0.2	WKL	
MO-SPA	2021/22-1	Wet	10/26/2021 7:36:00 AM	11/17/2021 10:12:00 AM	Dibenz(a,h)anthracene	n/a	DNQ	0.083	µg/L	EPA 8270C	0.072	0.2	WKL	
MO-SPA	2021/22-1	Wet	10/26/2021 7:36:00 AM	11/22/2021 10:29:00 PM	Dibenz(a,h)anthracene	n/a	<	0.3	µg/L	EPA 625.1	0.3	4	WKL	
MO-SPA	2021/22-1	Wet	10/26/2021 7:36:00 AM	11/22/2021 10:29:00 PM	Diethyl phthalate	n/a	<	0.7	µg/L	EPA 625.1	0.7	2	WKL	
MO-SPA	2021/22-1	Wet	10/26/2021 7:36:00 AM	11/22/2021 10:29:00 PM	Dimethyl phthalate	n/a	DNQ	0.43	µg/L	EPA 625.1	0.36	2	WKL	
MO-SPA	2021/22-1	Wet	10/26/2021 7:36:00 AM	11/22/2021 10:29:00 PM	Di-n-butylphthalate	n/a	DNQ	1.2	µg/L	EPA 625.1	0.68	2	WKL	
MO-SPA	2021/22-1	Wet	10/26/2021 7:36:00 AM	11/22/2021 10:29:00 PM	Di-n-octylphthalate	n/a	<	0.92	µg/L	EPA 625.1	0.92	2	WKL	
MO-SPA	2021/22-1	Wet	10/26/2021 7:36:00 AM	11/22/2021 10:29:00 PM	Fluoranthene	n/a	<	0.69	µg/L	EPA 625.1	0.69	2	WKL	
MO-SPA	2021/22-1	Wet	10/26/2021 7:36:00 AM	11/17/2021 10:12:00 AM	Fluoranthene	n/a	DNQ	0.18	µg/L	EPA 8270C	0.078	0.2	WKL	
MO-SPA	2021/22-1	Wet	10/26/2021 7:36:00 AM	11/17/2021 10:12:00 AM	Fluorene	n/a	<	0.058	µg/L	EPA 8270C	0.058	0.2	WKL	
MO-SPA	2021/22-1	Wet	10/26/2021 7:36:00 AM	11/22/2021 10:29:00 PM	Fluorene	n/a	<	0.7	µg/L	EPA 625.1	0.7	2	WKL	
MO-SPA	2021/22-1	Wet	10/26/2021 7:36:00 AM	11/22/2021 10:29:00 PM	Hexachlorobenzene	n/a	<	0.98	µg/L	EPA 625.1	0.98	2	WKL	
MO-SPA	2021/22-1	Wet	10/26/2021 7:36:00 AM	11/22/2021 10:29:00 PM	Hexachlorobutadiene	n/a	<	0.94	µg/L	EPA 625.1	0.94	2	WKL	
MO-SPA	2021/22-1	Wet	10/26/2021 7:36:00 AM	11/22/2021 10:29:00 PM	Hexachlorocyclopentadiene	n/a	<	0.62	µg/L	EPA 625.1	0.62	10	WKL	
MO-SPA	2021/22-1	Wet	10/26/2021 7:36:00 AM	11/9/2021 9:47:00 PM	Hexachlorocyclopentadiene	n/a	<	0.46	µg/L	EPA 525.2	0.46	5	WKL	
MO-SPA	2021/22-1	Wet	10/26/2021 7:36:00 AM	11/22/2021 10:29:00 PM	Hexachloroethane	n/a	<	1	µg/L	EPA 625.1	1	2	WKL	
MO-SPA	2021/22-1	Wet	10/26/2021 7:36:00 AM	11/22/2021 10:29:00 PM	Indeno(1,2,3-cd)pyrene	n/a	<	0.49	µg/L	EPA 625.1	0.49	4	WKL	
MO-SPA	2021/22-1	Wet	10/26/2021 7:36:00 AM	11/17/2021 10:12:00 AM	Indeno(1,2,3-cd)pyrene	n/a	DNQ	0.14	µg/L	EPA 8270C	0.13	0.2	WKL	
MO-SPA	2021/22-1	Wet	10/26/2021 7:36:00 AM	11/22/2021 10:29:00 PM	Isophorone	n/a	<	0.42	µg/L	EPA 625.1	0.42	2	WKL	
MO-SPA	2021/22-1	Wet	10/26/2021 7:36:00 AM	11/17/2021 10:12:00 AM	Naphthalene	n/a	<	0.052	µg/L	EPA 8270C	0.052	0.2	WKL	
MO-SPA	2021/22-1	Wet	10/26/2021 7:36:00 AM	11/22/2021 10:29:00 PM	Naphthalene	n/a	<	0.98	µg/L	EPA 625.1	0.98	2	WKL	
MO-SPA	2021/22-1	Wet	10/26/2021 7:36:00 AM	11/22/2021 10:29:00 PM	Nitrobenzene	n/a	<	0.72	µg/L	EPA 625.1	0.72	2	WKL	
MO-SPA	2021/22-1	Wet	10/26/2021 7:36:00 AM	11/22/2021 10:29:00 PM	N-Nitrosodimethylamine	n/a	<	1	µg/L	EPA 625.1	1	2	WKL	
MO-SPA	2021/22-1	Wet	10/26/2021 7:36:00 AM	11/22/2021 10:29:00 PM	N-Nitrosodi-N-propylamine	n/a	<	0.52	µg/L	EPA 625.1	0.52	2	WKL	
MO-SPA	2021/22-1	Wet	10/26/2021 7:36:00 AM	11/22/2021 10:29:00 PM	N-Nitrosodiphenylamine	n/a	<	0.38	µg/L	EPA 625.1	0.38	2	WKL	
MO-SPA	2021/22-1	Wet	10/26/2021 7:36:00 AM	11/22/2021 10:29:00 PM	Phenanthrene	n/a	<	0.64	µg/L	EPA 625.1	0.64	2	WKL	
MO-SPA	2021/22-1	Wet	10/26/2021 7:36:00 AM	11/17/2021 10:12:00 AM	Phenanthrene	n/a	DNQ	0.1	µg/L	EPA 8270C	0.058	0.2	WKL	
MO-SPA	2021/22-1	Wet	10/26/2021 7:36:00 AM	11/22/2021 10:29:00 PM	Phenol	n/a	<	1.6	µg/L	EPA 625.1	1.6	2	WKL	
MO-SPA	2021/22-1	Wet	10/26/2021 7:36:00 AM	11/19/2021 10:59:00 PM	Phenol	n/a	<	0.7	µg/L	EPA 8270C	0.7	2	WKL	
MO-SPA	2021/22-1	Wet	10/26/2021 7:36:00 AM	11/22/2021 10:29:00 PM	Pyrene	n/a	<	0.5	µg/L	EPA 625.1	0.5	2	WKL	
MO-SPA	2021/22-1	Wet	10/26/2021 7:36:00 AM	11/17/2021 10:12:00 AM	Pyrene	n/a	DNQ	0.16	µg/L	EPA 8270C	0.08	0.2	WKL	
MO-SPA	2021/22-1	Wet	10/26/2021 7:36:00 AM	12/10/2021 10:20:00 PM	PCB Aroclor 1016	n/a	<	5	µg/L	EPA 608.3	5	5	WKL	
MO-SPA	2021/22-1	Wet	10/26/2021 7:36:00 AM	12/10/2021 10:20:00 PM	PCB Aroclor 1221	n/a	<	5	µg/L	EPA 608.3	5	5	WKL	
MO-SPA	2021/22-1	Wet	10/26/2021 7:36:00 AM	12/10/2021 10:20:00 PM	PCB Aroclor 1232	n/a	<	5	µg/L	EPA 608.3	5	5	WKL	
MO-SPA	2021/22-1	Wet	10/26/2021 7:36:00 AM	12/10/2021 10:20:00 PM	PCB Aroclor 1242	n/a	<	5	µg/L	EPA 608.3	5	5	WKL	
MO-SPA	2021/22-1	Wet	10/26/2021 7:36:00 AM	12/10/2021 10:20:00 PM	PCB Aroclor 1248	n/a	<	5	µg/L	EPA 608.3	5	5	WKL	
MO-SPA	2021/22-1	Wet	10/26/2021 7:36:00 AM	12/10/2021 10:20:00 PM	PCB Aroclor 1254	n/a	<	5	µg/L	EPA 608.3	5	5	WKL	
MO-SPA	2021/22-1	Wet	10/26/2021 7:36:00 AM	12/10/2021 10:20:00 PM	PCB Aroclor 1260	n/a	<	5	µg/L	EPA 608.3	5	5	WKL	
MO-SPA	2021/22-1	Wet	10/26/2021 7:36:00 AM	11/8/2021 1:43:00 AM	2,4,5-T	n/a	<	0.03	µg/L	EPA 515.4	0.03	0.2	WKL	
MO-SPA	2021/22-1	Wet	10/26/2021 7:36:00 AM	11/8/2021 1:43:00 AM	2,4,5-TP	n/a	<	0.026	µg/L	EPA 515.4	0.026	0.2	WKL	
MO-SPA	2021/22-1	Wet	10/26/2021 7:36:00 AM	11/8/2021 1:43:00 AM	2,4-D	n/a	<	0.14	µg/L	EPA 515.4	0.14	0.4	WKL	
MO-SPA	2021/22-1	Wet	10/26/2021 7:36:00 AM	11/8/2021 1:43:00 AM	2,4-DB	n/a	<	5	µg/L	EPA 515.4	5	5	WKL	
MO-SPA	2021/22-1	Wet	10/26/2021 7:36:00 AM	11/8/2021 1:43:00 AM	3,5-Dichlorobenzoic acid	n/a	<	0.12	µg/L	EPA 515.4	0.12	1	WKL	
MO-SPA	2021/22-1	Wet	10/26/2021 7:36:00 AM	12/10/2021 10:20:00 PM	4,4'-DDD	n/a	<	0.0035	µg/L	EPA 608.3	0.0035	0.25	WKL	
MO-SPA	2021/22-1	Wet	10/26/2021 7:36:00 AM	12/10/2021 10:20:00 PM	4,4'-DDE	n/a	DNQ	0.0098	µg/L	EPA 608.3	0.0035	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-SPA	2021/22-1	Wet	10/26/2021 7:36:00 AM	12/10/2021 10:20:00 PM	4,4'-DDT	n/a	<	0.25	µg/L	EPA 608.3	0.25	0.25	WKL	
MO-SPA	2021/22-1	Wet	10/26/2021 7:36:00 AM	11/8/2021 1:43:00 AM	Acifluorfen	n/a	<	0.03	µg/L	EPA 515.4	0.03	0.4	WKL	
MO-SPA	2021/22-1	Wet	10/26/2021 7:36:00 AM	11/9/2021 9:47:00 PM	Alachlor	n/a	<	0.15	µg/L	EPA 525.2	0.15	0.5	WKL	
MO-SPA	2021/22-1	Wet	10/26/2021 7:36:00 AM	12/10/2021 10:20:00 PM	Aldrin	n/a	<	0.005	µg/L	EPA 608.3	0.005	0.025	WKL	
MO-SPA	2021/22-1	Wet	10/26/2021 7:36:00 AM	12/10/2021 10:20:00 PM	alpha-BHC	n/a	<	0.0055	µg/L	EPA 608.3	0.0055	0.05	WKL	
MO-SPA	2021/22-1	Wet	10/26/2021 7:36:00 AM	11/9/2021 9:47:00 PM	Atrazine	n/a	<	0.054	µg/L	EPA 525.2	0.054	0.5	WKL	
MO-SPA	2021/22-1	Wet	10/26/2021 7:36:00 AM	11/12/2021 10:19:00 PM	Azinphos methyl	n/a	<	0.028	µg/L	EPA 625.1m	0.028	0.05	WKL	
MO-SPA	2021/22-1	Wet	10/26/2021 7:36:00 AM	11/8/2021 1:43:00 AM	Bentazon	n/a	<	5	µg/L	EPA 515.4	5	5	WKL	
MO-SPA	2021/22-1	Wet	10/26/2021 7:36:00 AM	12/10/2021 10:20:00 PM	beta-BHC	n/a	<	0.0075	µg/L	EPA 608.3	0.0075	0.025	WKL	
MO-SPA	2021/22-1	Wet	10/26/2021 7:36:00 AM	11/12/2021 10:19:00 PM	Bolstar	n/a	<	0.023	µg/L	EPA 625.1m	0.023	0.05	WKL	
MO-SPA	2021/22-1	Wet	10/26/2021 7:36:00 AM	11/9/2021 9:47:00 PM	Bromacil	n/a	<	0.35	µg/L	EPA 525.2	0.35	2.5	WKL	
MO-SPA	2021/22-1	Wet	10/26/2021 7:36:00 AM	11/9/2021 9:47:00 PM	Butachlor	n/a	<	0.061	µg/L	EPA 525.2	0.061	0.5	WKL	
MO-SPA	2021/22-1	Wet	10/26/2021 7:36:00 AM	11/9/2021 9:47:00 PM	Captan	n/a	<	1.6	µg/L	EPA 525.2	1.6	5	WKL	
MO-SPA	2021/22-1	Wet	10/26/2021 7:36:00 AM	12/10/2021 10:20:00 PM	Chlordane (technical)	n/a	<	0.22	µg/L	EPA 608.3	0.22	0.5	WKL	
MO-SPA	2021/22-1	Wet	10/26/2021 7:36:00 AM	11/9/2021 9:47:00 PM	Chlorpropham	n/a	<	0.2	µg/L	EPA 525.2	0.2	0.5	WKL	
MO-SPA	2021/22-1	Wet	10/26/2021 7:36:00 AM	11/12/2021 10:19:00 PM	Chlorpyrifos	n/a	<	0.034	µg/L	EPA 625.1m	0.034	0.05	WKL	
MO-SPA	2021/22-1	Wet	10/26/2021 7:36:00 AM	11/12/2021 10:19:00 PM	Coumaphos	n/a	<	0.026	µg/L	EPA 625.1m	0.026	0.05	WKL	
MO-SPA	2021/22-1	Wet	10/26/2021 7:36:00 AM	11/8/2021 1:43:00 AM	Dalapon	n/a	<	0.11	µg/L	EPA 515.4	0.11	0.4	WKL	
MO-SPA	2021/22-1	Wet	10/26/2021 7:36:00 AM	11/8/2021 1:43:00 AM	DPCA (Dacthal)	n/a	<	0.1	µg/L	EPA 515.4	0.1	0.1	WKL	
MO-SPA	2021/22-1	Wet	10/26/2021 7:36:00 AM	12/10/2021 10:20:00 PM	delta-BHC	n/a	<	0.0095	µg/L	EPA 608.3	0.0095	0.025	WKL	
MO-SPA	2021/22-1	Wet	10/26/2021 7:36:00 AM	11/12/2021 10:19:00 PM	Demeton-O	n/a	<	0.05	µg/L	EPA 625.1m	0.05	0.05	WKL	
MO-SPA	2021/22-1	Wet	10/26/2021 7:36:00 AM	11/12/2021 10:19:00 PM	Demeton-S	n/a	<	0.05	µg/L	EPA 625.1m	0.05	0.05	WKL	
MO-SPA	2021/22-1	Wet	10/26/2021 7:36:00 AM	11/12/2021 10:19:00 PM	Diazinon	n/a	<	0.026	µg/L	EPA 625.1m	0.026	0.05	WKL	
MO-SPA	2021/22-1	Wet	10/26/2021 7:36:00 AM	11/9/2021 9:47:00 PM	Diazinon	n/a	<	0.11	µg/L	EPA 525.2	0.11	0.5	WKL	
MO-SPA	2021/22-1	Wet	10/26/2021 7:36:00 AM	11/8/2021 1:43:00 AM	Dicamba	n/a	<	0.049	µg/L	EPA 515.4	0.049	0.6	WKL	
MO-SPA	2021/22-1	Wet	10/26/2021 7:36:00 AM	11/8/2021 1:43:00 AM	Dichlorprop	n/a	<	0.12	µg/L	EPA 515.4	0.12	0.3	WKL	
MO-SPA	2021/22-1	Wet	10/26/2021 7:36:00 AM	11/12/2021 10:19:00 PM	Dichlorvos	n/a	<	0.014	µg/L	EPA 625.1m	0.014	0.05	WKL	
MO-SPA	2021/22-1	Wet	10/26/2021 7:36:00 AM	12/10/2021 10:20:00 PM	Dieldrin	n/a	<	0.004	µg/L	EPA 608.3	0.004	0.05	WKL	
MO-SPA	2021/22-1	Wet	10/26/2021 7:36:00 AM	11/12/2021 10:19:00 PM	Dimethoate	n/a	<	0.031	µg/L	EPA 625.1m	0.031	0.05	WKL	
MO-SPA	2021/22-1	Wet	10/26/2021 7:36:00 AM	11/9/2021 9:47:00 PM	Dimethoate	n/a	<	0.1	µg/L	EPA 525.2	0.1	1	WKL	
MO-SPA	2021/22-1	Wet	10/26/2021 7:36:00 AM	11/8/2021 1:43:00 AM	Dinoseb	n/a	<	0.4	µg/L	EPA 515.4	0.4	0.4	WKL	
MO-SPA	2021/22-1	Wet	10/26/2021 7:36:00 AM	11/9/2021 9:47:00 PM	Diphenamid	n/a	<	0.15	µg/L	EPA 525.2	0.15	0.5	WKL	
MO-SPA	2021/22-1	Wet	10/26/2021 7:36:00 AM	11/9/2021 9:47:00 PM	Disulfoton	n/a	<	0.077	µg/L	EPA 525.2	0.077	0.5	WKL	
MO-SPA	2021/22-1	Wet	10/26/2021 7:36:00 AM	11/12/2021 10:19:00 PM	Disulfoton	n/a	<	0.05	µg/L	EPA 625.1m	0.05	0.05	WKL	
MO-SPA	2021/22-1	Wet	10/26/2021 7:36:00 AM	12/10/2021 10:20:00 PM	Endosulfan I	n/a	<	0.0045	µg/L	EPA 608.3	0.0045	0.1	WKL	
MO-SPA	2021/22-1	Wet	10/26/2021 7:36:00 AM	12/10/2021 10:20:00 PM	Endosulfan II	n/a	<	0.0035	µg/L	EPA 608.3	0.0035	0.05	WKL	
MO-SPA	2021/22-1	Wet	10/26/2021 7:36:00 AM	12/10/2021 10:20:00 PM	Endosulfan sulfate	n/a	<	0.0065	µg/L	EPA 608.3	0.0065	0.25	WKL	
MO-SPA	2021/22-1	Wet	10/26/2021 7:36:00 AM	12/10/2021 10:20:00 PM	Endrin	n/a	<	0.0085	µg/L	EPA 608.3	0.0085	0.05	WKL	
MO-SPA	2021/22-1	Wet	10/26/2021 7:36:00 AM	12/10/2021 10:20:00 PM	Endrin aldehyde	n/a	<	0.0095	µg/L	EPA 608.3	0.0095	0.05	WKL	
MO-SPA	2021/22-1	Wet	10/26/2021 7:36:00 AM	11/9/2021 9:47:00 PM	EPTC	n/a	<	0.1	µg/L	EPA 525.2	0.1	0.5	WKL	
MO-SPA	2021/22-1	Wet	10/26/2021 7:36:00 AM	11/12/2021 10:19:00 PM	Ethoprop	n/a	<	0.034	µg/L	EPA 625.1m	0.034	0.05	WKL	
MO-SPA	2021/22-1	Wet	10/26/2021 7:36:00 AM	11/12/2021 10:19:00 PM	Ethyl parathion	n/a	<	0.027	µg/L	EPA 625.1m	0.027	0.05	WKL	
MO-SPA	2021/22-1	Wet	10/26/2021 7:36:00 AM	11/12/2021 10:19:00 PM	Fensulfathion	n/a	<	0.014	µg/L	EPA 625.1m	0.014	0.05	WKL	
MO-SPA	2021/22-1	Wet	10/26/2021 7:36:00 AM	11/12/2021 10:19:00 PM	Fenthion	n/a	<	0.019	µg/L	EPA 625.1m	0.019	0.05	WKL	
MO-SPA	2021/22-1	Wet	10/26/2021 7:36:00 AM	12/10/2021 10:20:00 PM	gamma-BHC (Lindane)	n/a	<	0.002	µg/L	EPA 608.3	0.002	0.1	WKL	
MO-SPA	2021/22-1	Wet	10/26/2021 7:36:00 AM	11/7/2021 11:00:00 PM	Glyphosate	n/a	DNQ	21	µg/L	EPA 547	2.1	25	BSKL	
MO-SPA	2021/22-1	Wet	10/26/2021 7:36:00 AM	12/10/2021 10:20:00 PM	Heptachlor	n/a	<	0.003	µg/L	EPA 608.3	0.003	0.05	WKL	
MO-SPA	2021/22-1	Wet	10/26/2021 7:36:00 AM	12/10/2021 10:20:00 PM	Heptachlor epoxide	n/a	<	0.002	µg/L	EPA 608.3	0.002	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	2021/22-1	Wet	10/26/2021 7:36:00 AM	11/12/2021 10:19:00 PM	Malathion	n/a	<	0.038	µg/L	EPA 625.1m	0.038	0.05	WKL	
MO-SPA	2021/22-1	Wet	10/26/2021 7:36:00 AM	11/12/2021 10:19:00 PM	Merphos	n/a	<	0.029	µg/L	EPA 625.1m	0.029	0.05	WKL	
MO-SPA	2021/22-1	Wet	10/26/2021 7:36:00 AM	11/12/2021 10:19:00 PM	Methyl parathion	n/a	<	0.032	µg/L	EPA 625.1m	0.032	0.05	WKL	
MO-SPA	2021/22-1	Wet	10/26/2021 7:36:00 AM	11/9/2021 9:47:00 PM	Metolachlor	n/a	<	0.15	µg/L	EPA 525.2	0.15	0.5	WKL	
MO-SPA	2021/22-1	Wet	10/26/2021 7:36:00 AM	11/9/2021 9:47:00 PM	Metribuzin	n/a	<	0.15	µg/L	EPA 525.2	0.15	0.5	WKL	
MO-SPA	2021/22-1	Wet	10/26/2021 7:36:00 AM	11/12/2021 10:19:00 PM	Mevinphos	n/a	<	0.021	µg/L	EPA 625.1m	0.021	0.05	WKL	
MO-SPA	2021/22-1	Wet	10/26/2021 7:36:00 AM	11/9/2021 9:47:00 PM	Molinate	n/a	<	0.15	µg/L	EPA 525.2	0.15	0.5	WKL	
MO-SPA	2021/22-1	Wet	10/26/2021 7:36:00 AM	11/12/2021 10:19:00 PM	Naled	n/a	<	0.038	µg/L	EPA 625.1m	0.038	0.05	WKL	
MO-SPA	2021/22-1	Wet	10/26/2021 7:36:00 AM	11/22/2021 10:29:00 AM	Pentachlorophenol	n/a	<	0.8	µg/L	EPA 625.1	0.8	2	WKL	
MO-SPA	2021/22-1	Wet	10/26/2021 7:36:00 AM	11/8/2021 1:43:00 AM	Pentachlorophenol	n/a	=	0.99	µg/L	EPA 515.4	0.046	0.2	WKL	
MO-SPA	2021/22-1	Wet	10/26/2021 7:36:00 AM	11/19/2021 10:59:00 PM	Pentachlorophenol	n/a	<	0.3	µg/L	EPA 8270C	0.3	2	WKL	
MO-SPA	2021/22-1	Wet	10/26/2021 7:36:00 AM	11/12/2021 10:19:00 PM	Phorate	n/a	<	0.015	µg/L	EPA 625.1m	0.015	0.05	WKL	
MO-SPA	2021/22-1	Wet	10/26/2021 7:36:00 AM	11/8/2021 1:43:00 AM	Picloram	n/a	<	0.05	µg/L	EPA 515.4	0.05	0.6	WKL	
MO-SPA	2021/22-1	Wet	10/26/2021 7:36:00 AM	11/9/2021 9:47:00 PM	Prometryn	n/a	<	0.15	µg/L	EPA 525.2	0.15	0.5	WKL	
MO-SPA	2021/22-1	Wet	10/26/2021 7:36:00 AM	11/12/2021 10:19:00 PM	Ronnel (Fenchlorphos)	n/a	<	0.02	µg/L	EPA 625.1m	0.02	0.05	WKL	
MO-SPA	2021/22-1	Wet	10/26/2021 7:36:00 AM	11/9/2021 9:47:00 PM	Simazine	n/a	<	0.1	µg/L	EPA 525.2	0.1	0.5	WKL	
MO-SPA	2021/22-1	Wet	10/26/2021 7:36:00 AM	11/12/2021 10:19:00 PM	Stirophos (Tetrachlorvinphos)	n/a	<	0.016	µg/L	EPA 625.1m	0.016	0.05	WKL	
MO-SPA	2021/22-1	Wet	10/26/2021 7:36:00 AM	11/9/2021 9:47:00 PM	Terbacil	n/a	<	0.45	µg/L	EPA 525.2	0.45	10	WKL	
MO-SPA	2021/22-1	Wet	10/26/2021 7:36:00 AM	11/9/2021 9:47:00 PM	Thiobencarb	n/a	<	0.15	µg/L	EPA 525.2	0.15	0.5	WKL	
MO-SPA	2021/22-1	Wet	10/26/2021 7:36:00 AM	11/12/2021 10:19:00 PM	Tokuthion	n/a	<	0.039	µg/L	EPA 625.1m	0.039	0.05	WKL	
MO-SPA	2021/22-1	Wet	10/26/2021 7:36:00 AM	12/10/2021 10:20:00 PM	Toxaphene	n/a	<	5	µg/L	EPA 608.3	5	5	WKL	
MO-SPA	2021/22-1	Wet	10/26/2021 7:36:00 AM	11/12/2021 10:19:00 PM	Trichloronate	n/a	<	0.034	µg/L	EPA 625.1m	0.034	0.05	WKL	
MO-SPA	2021/22-1	Wet	10/26/2021 7:36:00 AM	11/9/2021 9:47:00 PM	Trithion	n/a	<	0.1	µg/L	EPA 525.2	0.1	0.5	WKL	
MO-SPA	2021/22-2	Wet	12/13/2021 11:10:00 PM	12/15/2021 2:50:00 AM	E. Coli	n/a	=	6867	MPN/100 mL	MMO-MUG	10	10	VCHCA	
MO-SPA	2021/22-2	Wet	12/13/2021 11:10:00 PM	12/15/2021 2:50:00 AM	Total Coliform	n/a	=	488400	MPN/100 mL	MMO-MUG	1000	1000	VCHCA	
MO-SPA	2021/22-2	Wet	12/13/2021 11:10:00 PM	12/13/2021 11:10:00 PM	Conductivity	n/a	=	134.1	µmhos/cm	Field Meter	-88	1	Field Crew	
MO-SPA	2021/22-2	Wet	12/13/2021 11:10:00 PM	12/22/2021 2:45:00 PM	Cyanide	Total	<	0.0012	mg/L	ASTM D7511	0.0012	0.002	WKL	
MO-SPA	2021/22-2	Wet	12/13/2021 11:10:00 PM	12/13/2021 11:10:00 PM	DO	n/a	=	91.8	%	Field Meter	-88	0.1	Field Crew	
MO-SPA	2021/22-2	Wet	12/13/2021 11:10:00 PM	12/13/2021 11:10:00 PM	DO	n/a	=	9.81	mg/L	Field Meter	-88	0.3	Field Crew	
MO-SPA	2021/22-2	Wet	12/13/2021 11:10:00 PM	12/13/2021 11:10:00 PM	pH	n/a	=	8.03	pH Units	Field Meter	-88	0.01	Field Crew	
MO-SPA	2021/22-2	Wet	12/13/2021 11:10:00 PM	12/13/2021 11:10:00 PM	Salinity	n/a	=	100	mg/L	Field Meter	-88	100	Field Crew	
MO-SPA	2021/22-2	Wet	12/13/2021 11:10:00 PM	12/13/2021 11:10:00 PM	Specific Conductance	n/a	=	176	µmhos/cm	Field Meter	-88	1	Field Crew	
MO-SPA	2021/22-2	Wet	12/13/2021 11:10:00 PM	12/13/2021 11:10:00 PM	Temperature	n/a	=	12.5	°C	Field Meter	-88	0.1	Field Crew	
MO-SPA	2021/22-2	Wet	12/13/2021 11:10:00 PM	12/21/2021 11:14:00 AM	Gasoline Range Organics	n/a	=	0.46	mg/L	EPA 8260B	0.065	0.1	WKL	
MO-SPA	2021/22-2	Wet	12/13/2021 11:10:00 PM	1/6/2022 7:00:00 PM	Oil and Grease	n/a	=	9.6	mg/L	EPA 1664B	1.3	5	WKL	
MO-SPA	2021/22-2	Wet	12/13/2021 11:10:00 PM	12/16/2021 7:54:00 PM	2-Chloroethyl vinyl ether	n/a	<	0.95	µg/L	EPA 624.1	0.95	5	WKL	DG
MO-SPA	2021/22-2	Wet	12/13/2021 11:10:00 PM	12/16/2021 7:54:00 PM	Methyl tert-butyl ether (MTBE)	n/a	<	2	µg/L	EPA 624.1	2	5	WKL	DG
MO-SPA	2021/22-2	Wet	12/14/2021 2:15:00 PM	12/16/2021 4:47:00 PM	Chloride	n/a	=	3.6	mg/L	EPA 300.0	0.38	1	WKL	
MO-SPA	2021/22-2	Wet	12/14/2021 2:15:00 PM	12/18/2021 2:49:00 AM	Fluoride	n/a	DNQ	0.058	mg/L	EPA 300.0	0.018	0.2	WKL	
MO-SPA	2021/22-2	Wet	12/14/2021 2:15:00 PM	12/19/2021 1:07:00 AM	Perchlorate	n/a	<	0.78	µg/L	EPA 314.0	0.78	4	WKL	
MO-SPA	2021/22-2	Wet	12/14/2021 2:15:00 PM	12/29/2021 6:47:00 PM	Calcium	Total	=	15	mg/L	EPA 200.7	0.16	0.5	WKL	
MO-SPA	2021/22-2	Wet	12/14/2021 2:15:00 PM	12/29/2021 6:47:00 PM	Magnesium	Total	=	4.58	mg/L	EPA 200.7	0.039	0.5	WKL	
MO-SPA	2021/22-2	Wet	12/14/2021 2:15:00 PM	12/20/2021 10:35:00 AM	Alkalinity as CaCO3	n/a	=	24	mg/L	SM 2320 B	2.3	5	WKL	
MO-SPA	2021/22-2	Wet	12/14/2021 2:15:00 PM	12/20/2021 7:21:00 PM	BOD	n/a	=	7.1	mg/L	SM 5210 B	2	2	WKL	
MO-SPA	2021/22-2	Wet	12/14/2021 2:15:00 PM	1/2/2022 11:30:00 AM	COD	n/a	=	83	mg/L	EPA 410.4	2.9	5	WKL	
MO-SPA	2021/22-2	Wet	12/14/2021 2:15:00 PM	12/29/2021 6:47:00 PM	Hardness as CaCO3	Total	=	56.4	mg/L	EPA 200.7	0.56	3.31	WKL	
MO-SPA	2021/22-2	Wet	12/14/2021 2:15:00 PM	12/15/2021 7:28:00 PM	MBAS	n/a	=	0.089	mg/L	SM 5540 C	0.013	0.05	WKL	
MO-SPA	2021/22-2	Wet	12/14/2021 2:15:00 PM	1/2/2022 11:52:00 AM	Phenolics	n/a	<	0.0068	mg/L	EPA 420.4	0.0068	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-SPA	2021/22-2	Wet	12/14/2021 2:15:00 PM	12/16/2021 1:56:00 PM	Specific Conductance	n/a	=	110	µmhos/cm	SM 2510 B	1.1	2	WKL	
MO-SPA	2021/22-2	Wet	12/14/2021 2:15:00 PM	12/20/2021 12:36:00 PM	Total Dissolved Solids	n/a	=	76	mg/L	SM 2540 C	4	10	WKL	
MO-SPA	2021/22-2	Wet	12/14/2021 2:15:00 PM	12/24/2021 4:10:00 AM	Total Organic Carbon	n/a	=	7.9	mg/L	SM 5310 B	0.19	0.3	WKL	
MO-SPA	2021/22-2	Wet	12/14/2021 2:15:00 PM	12/20/2021 7:00:00 PM	Total Suspended Solids	n/a	=	270	mg/L	SM 2540 D	-88	5	WKL	
MO-SPA	2021/22-2	Wet	12/14/2021 2:15:00 PM	12/15/2021 5:42:00 PM	Turbidity	n/a	=	45	NTU	EPA 180.1	1.7	10	WKL	
MO-SPA	2021/22-2	Wet	12/14/2021 2:15:00 PM	12/20/2021 7:00:00 PM	Volatile Suspended Solids	n/a	=	41	mg/L	EPA 160.4	3.1	5	WKL	
MO-SPA	2021/22-2	Wet	12/14/2021 2:15:00 PM	12/29/2021 8:50:00 PM	Diesel Range Organics	n/a	=	0.37	mg/L	EPA 8015B	0.14	0.2	WKL	EST-LCSRPD
MO-SPA	2021/22-2	Wet	12/14/2021 2:15:00 PM	12/29/2021 8:50:00 PM	Oil Range Organics	n/a	<	0.66	mg/L	EPA 8015B	0.66	1	WKL	
MO-SPA	2021/22-2	Wet	12/14/2021 2:15:00 PM	1/17/2022 6:45:00 PM	Aluminum	Dissolved	=	23	µg/L	EPA 200.8	4.4	20	WKL	
MO-SPA	2021/22-2	Wet	12/14/2021 2:15:00 PM	1/17/2022 6:47:00 PM	Aluminum	Total	=	4500	µg/L	EPA 200.8	4.4	20	WKL	
MO-SPA	2021/22-2	Wet	12/14/2021 2:15:00 PM	1/17/2022 6:45:00 PM	Antimony	Dissolved	DNQ	0.35	µg/L	EPA 200.8	0.089	0.5	WKL	
MO-SPA	2021/22-2	Wet	12/14/2021 2:15:00 PM	1/17/2022 6:47:00 PM	Antimony	Total	=	0.92	µg/L	EPA 200.8	0.089	0.5	WKL	
MO-SPA	2021/22-2	Wet	12/14/2021 2:15:00 PM	1/17/2022 6:45:00 PM	Arsenic	Dissolved	=	0.74	µg/L	EPA 200.8	0.074	0.4	WKL	
MO-SPA	2021/22-2	Wet	12/14/2021 2:15:00 PM	1/17/2022 6:47:00 PM	Arsenic	Total	=	2.4	µg/L	EPA 200.8	0.074	0.4	WKL	
MO-SPA	2021/22-2	Wet	12/14/2021 2:15:00 PM	1/17/2022 6:47:00 PM	Barium	Total	=	85	µg/L	EPA 200.8	0.14	1	WKL	
MO-SPA	2021/22-2	Wet	12/14/2021 2:15:00 PM	1/17/2022 6:45:00 PM	Beryllium	Dissolved	<	0.062	µg/L	EPA 200.8	0.062	0.1	WKL	
MO-SPA	2021/22-2	Wet	12/14/2021 2:15:00 PM	1/17/2022 6:47:00 PM	Beryllium	Total	=	0.17	µg/L	EPA 200.8	0.062	0.1	WKL	
MO-SPA	2021/22-2	Wet	12/14/2021 2:15:00 PM	1/17/2022 6:45:00 PM	Cadmium	Dissolved	DNQ	0.061	µg/L	EPA 200.8	0.042	0.2	WKL	
MO-SPA	2021/22-2	Wet	12/14/2021 2:15:00 PM	1/17/2022 6:47:00 PM	Cadmium	Total	=	0.5	µg/L	EPA 200.8	0.042	0.2	WKL	
MO-SPA	2021/22-2	Wet	12/14/2021 2:15:00 PM	1/17/2022 6:45:00 PM	Chromium	Dissolved	=	0.59	µg/L	EPA 200.8	0.089	0.2	WKL	
MO-SPA	2021/22-2	Wet	12/14/2021 2:15:00 PM	1/17/2022 6:47:00 PM	Chromium	Total	=	8.7	µg/L	EPA 200.8	0.089	0.2	WKL	
MO-SPA	2021/22-2	Wet	12/14/2021 2:15:00 PM	12/20/2021 3:04:00 PM	Chromium VI	n/a	=	0.36	µg/L	EPA 218.6	0.0079	0.02	WKL	
MO-SPA	2021/22-2	Wet	12/14/2021 2:15:00 PM	1/17/2022 6:45:00 PM	Copper	Dissolved	=	5.6	µg/L	EPA 200.8	0.23	0.5	WKL	
MO-SPA	2021/22-2	Wet	12/14/2021 2:15:00 PM	1/17/2022 6:47:00 PM	Copper	Total	=	25	µg/L	EPA 200.8	0.23	0.5	WKL	
MO-SPA	2021/22-2	Wet	12/14/2021 2:15:00 PM	1/17/2022 6:45:00 PM	Iron	Dissolved	=	40	µg/L	EPA 200.8	3.9	20	WKL	
MO-SPA	2021/22-2	Wet	12/14/2021 2:15:00 PM	1/17/2022 6:47:00 PM	Iron	Total	=	6800	µg/L	EPA 200.8	3.9	20	WKL	
MO-SPA	2021/22-2	Wet	12/14/2021 2:15:00 PM	1/17/2022 6:45:00 PM	Lead	Dissolved	=	0.29	µg/L	EPA 200.8	0.083	0.2	WKL	
MO-SPA	2021/22-2	Wet	12/14/2021 2:15:00 PM	1/17/2022 6:47:00 PM	Lead	Total	=	22	µg/L	EPA 200.8	0.083	0.2	WKL	
MO-SPA	2021/22-2	Wet	12/14/2021 2:15:00 PM	12/28/2021 3:46:00 PM	Mercury	Dissolved	<	17	ng/L	EPA 245.1	17	50	WKL	
MO-SPA	2021/22-2	Wet	12/14/2021 2:15:00 PM	12/28/2021 3:48:00 PM	Mercury	Total	<	17	ng/L	EPA 245.1	17	50	WKL	
MO-SPA	2021/22-2	Wet	12/14/2021 2:15:00 PM	1/17/2022 6:45:00 PM	Nickel	Dissolved	DNQ	1.5	µg/L	EPA 200.8	0.16	2	WKL	
MO-SPA	2021/22-2	Wet	12/14/2021 2:15:00 PM	1/17/2022 6:47:00 PM	Nickel	Total	=	10	µg/L	EPA 200.8	0.16	2	WKL	
MO-SPA	2021/22-2	Wet	12/14/2021 2:15:00 PM	1/17/2022 6:45:00 PM	Selenium	Dissolved	DNQ	0.17	µg/L	EPA 200.8	0.067	0.4	WKL	
MO-SPA	2021/22-2	Wet	12/14/2021 2:15:00 PM	1/17/2022 6:47:00 PM	Selenium	Total	DNQ	0.32	µg/L	EPA 200.8	0.067	0.4	WKL	
MO-SPA	2021/22-2	Wet	12/14/2021 2:15:00 PM	1/17/2022 6:45:00 PM	Silver	Dissolved	<	0.03	µg/L	EPA 200.8	0.03	0.2	WKL	
MO-SPA	2021/22-2	Wet	12/14/2021 2:15:00 PM	1/17/2022 6:47:00 PM	Silver	Total	DNQ	0.04	µg/L	EPA 200.8	0.03	0.2	WKL	UL-MB
MO-SPA	2021/22-2	Wet	12/14/2021 2:15:00 PM	1/17/2022 6:45:00 PM	Thallium	Dissolved	<	0.021	µg/L	EPA 200.8	0.021	0.2	WKL	
MO-SPA	2021/22-2	Wet	12/14/2021 2:15:00 PM	1/17/2022 6:47:00 PM	Thallium	Total	DNQ	0.063	µg/L	EPA 200.8	0.021	0.2	WKL	
MO-SPA	2021/22-2	Wet	12/14/2021 2:15:00 PM	1/17/2022 6:45:00 PM	Zinc	Dissolved	=	24	µg/L	EPA 200.8	0.8	10	WKL	
MO-SPA	2021/22-2	Wet	12/14/2021 2:15:00 PM	1/17/2022 6:47:00 PM	Zinc	Total	=	140	µg/L	EPA 200.8	0.8	10	WKL	
MO-SPA	2021/22-2	Wet	12/14/2021 2:15:00 PM	12/29/2021 3:43:00 PM	Ammonia as N	n/a	=	0.25	mg/L	EPA 350.1	0.017	0.1	WKL	
MO-SPA	2021/22-2	Wet	12/14/2021 2:15:00 PM	1/10/2022 4:52:00 PM	Nitrate + Nitrite as N	n/a	=	0.54	mg/L	EPA 353.2	0.036	0.2	WKL	
MO-SPA	2021/22-2	Wet	12/14/2021 2:15:00 PM	12/29/2021 6:44:00 PM	Phosphorus as P	Dissolved	=	0.26	mg/L	EPA 200.7	0.018	0.05	WKL	
MO-SPA	2021/22-2	Wet	12/14/2021 2:15:00 PM	12/29/2021 6:47:00 PM	Phosphorus as P	Total	=	0.64	mg/L	EPA 200.7	0.018	0.05	WKL	
MO-SPA	2021/22-2	Wet	12/14/2021 2:15:00 PM	1/6/2022 5:52:00 PM	TKN	n/a	=	1.7	mg/L	EPA 351.2	0.13	0.2	WKL	
MO-SPA	2021/22-2	Wet	12/14/2021 2:15:00 PM	1/19/2022 12:18:00 AM	1,2,4-Trichlorobenzene	n/a	<	0.98	µg/L	EPA 625.1	0.98	2	WKL	
MO-SPA	2021/22-2	Wet	12/14/2021 2:15:00 PM	1/19/2022 12:18:00 AM	1,2-Dichlorobenzene	n/a	<	0.92	µg/L	EPA 625.1	0.92	2	WKL	
MO-SPA	2021/22-2	Wet	12/14/2021 2:15:00 PM	1/19/2022 12:18:00 AM	1,2-Diphenylhydrazine	n/a	<	0.6	µg/L	EPA 625.1	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-SPA	2021/22-2	Wet	12/14/2021 2:15:00 PM	1/19/2022 12:18:00 AM	1,3-Dichlorobenzene	n/a	<	0.84	µg/L	EPA 625.1	0.84	2	WKL	
MO-SPA	2021/22-2	Wet	12/14/2021 2:15:00 PM	1/19/2022 12:18:00 AM	1,4-Dichlorobenzene	n/a	<	0.96	µg/L	EPA 625.1	0.96	2	WKL	
MO-SPA	2021/22-2	Wet	12/14/2021 2:15:00 PM	1/15/2022 12:10:00 PM	1-Methylnaphthalene	n/a	<	0.048	µg/L	EPA 8270C	0.048	0.2	WKL	
MO-SPA	2021/22-2	Wet	12/14/2021 2:15:00 PM	1/14/2022 6:07:00 AM	2,4,5-Trichlorophenol	n/a	<	0.58	µg/L	EPA 8270C	0.58	2	WKL	
MO-SPA	2021/22-2	Wet	12/14/2021 2:15:00 PM	1/14/2022 6:07:00 AM	2,4,6-Trichlorophenol	n/a	<	0.6	µg/L	EPA 8270C	0.6	2	WKL	
MO-SPA	2021/22-2	Wet	12/14/2021 2:15:00 PM	1/19/2022 12:18:00 AM	2,4,6-Trichlorophenol	n/a	<	0.44	µg/L	EPA 625.1	0.44	2	WKL	
MO-SPA	2021/22-2	Wet	12/14/2021 2:15:00 PM	1/19/2022 12:18:00 AM	2,4-Dichlorophenol	n/a	<	0.52	µg/L	EPA 625.1	0.52	2	WKL	
MO-SPA	2021/22-2	Wet	12/14/2021 2:15:00 PM	1/14/2022 6:07:00 AM	2,4-Dichlorophenol	n/a	<	1	µg/L	EPA 8270C	1	2	WKL	
MO-SPA	2021/22-2	Wet	12/14/2021 2:15:00 PM	1/19/2022 12:18:00 AM	2,4-Dimethylphenol	n/a	<	1.5	µg/L	EPA 625.1	1.5	2	WKL	LCSRPD, LB-L
MO-SPA	2021/22-2	Wet	12/14/2021 2:15:00 PM	1/14/2022 6:07:00 AM	2,4-Dimethylphenol	n/a	<	2	µg/L	EPA 8270C	2	4	WKL	EST-LCSRPD
MO-SPA	2021/22-2	Wet	12/14/2021 2:15:00 PM	1/19/2022 12:18:00 AM	2,4-Dinitrophenol	n/a	<	3.7	µg/L	EPA 625.1	3.7	20	WKL	
MO-SPA	2021/22-2	Wet	12/14/2021 2:15:00 PM	1/14/2022 6:07:00 AM	2,4-Dinitrophenol	n/a	<	2	µg/L	EPA 8270C	2	4	WKL	
MO-SPA	2021/22-2	Wet	12/14/2021 2:15:00 PM	1/19/2022 12:18:00 AM	2,4-Dinitrotoluene	n/a	<	0.92	µg/L	EPA 625.1	0.92	2	WKL	
MO-SPA	2021/22-2	Wet	12/14/2021 2:15:00 PM	1/19/2022 12:18:00 AM	2,6-Dinitrotoluene	n/a	<	0.54	µg/L	EPA 625.1	0.54	2	WKL	
MO-SPA	2021/22-2	Wet	12/14/2021 2:15:00 PM	1/19/2022 12:18:00 AM	2-Chloronaphthalene	n/a	<	0.9	µg/L	EPA 625.1	0.9	2	WKL	
MO-SPA	2021/22-2	Wet	12/14/2021 2:15:00 PM	1/19/2022 12:18:00 AM	2-Chlorophenol	n/a	<	0.56	µg/L	EPA 625.1	0.56	2	WKL	
MO-SPA	2021/22-2	Wet	12/14/2021 2:15:00 PM	1/14/2022 6:07:00 AM	2-Chlorophenol	n/a	<	1.3	µg/L	EPA 8270C	1.3	2	WKL	
MO-SPA	2021/22-2	Wet	12/14/2021 2:15:00 PM	1/15/2022 12:10:00 PM	2-Methylnaphthalene	n/a	<	0.052	µg/L	EPA 8270C	0.052	0.2	WKL	
MO-SPA	2021/22-2	Wet	12/14/2021 2:15:00 PM	1/14/2022 6:07:00 AM	2-Methylphenol	n/a	<	0.68	µg/L	EPA 8270C	0.68	2	WKL	
MO-SPA	2021/22-2	Wet	12/14/2021 2:15:00 PM	1/14/2022 6:07:00 AM	2-Nitrophenol	n/a	<	1.4	µg/L	EPA 8270C	1.4	2	WKL	
MO-SPA	2021/22-2	Wet	12/14/2021 2:15:00 PM	1/19/2022 12:18:00 AM	2-Nitrophenol	n/a	<	0.52	µg/L	EPA 625.1	0.52	2	WKL	
MO-SPA	2021/22-2	Wet	12/14/2021 2:15:00 PM	1/19/2022 12:18:00 AM	3,3'-Dichlorobenzidine	n/a	<	5	µg/L	EPA 625.1	5	10	WKL	
MO-SPA	2021/22-2	Wet	12/14/2021 2:15:00 PM	1/14/2022 6:07:00 AM	3-/4-Methylphenol	n/a	<	0.6	µg/L	EPA 8270C	0.6	2	WKL	
MO-SPA	2021/22-2	Wet	12/14/2021 2:15:00 PM	1/19/2022 12:18:00 AM	4,6-Dinitro-2-methylphenol	n/a	<	1	µg/L	EPA 625.1	1	10	WKL	
MO-SPA	2021/22-2	Wet	12/14/2021 2:15:00 PM	1/14/2022 6:07:00 AM	4,6-Dinitro-2-methylphenol	n/a	<	0.28	µg/L	EPA 8270C	0.28	2	WKL	
MO-SPA	2021/22-2	Wet	12/14/2021 2:15:00 PM	1/19/2022 12:18:00 AM	4-Bromophenyl phenyl ether	n/a	<	0.72	µg/L	EPA 625.1	0.72	2	WKL	
MO-SPA	2021/22-2	Wet	12/14/2021 2:15:00 PM	1/19/2022 12:18:00 AM	4-Chloro-3-methylphenol	n/a	<	0.46	µg/L	EPA 625.1	0.46	2	WKL	
MO-SPA	2021/22-2	Wet	12/14/2021 2:15:00 PM	1/14/2022 6:07:00 AM	4-Chloro-3-methylphenol	n/a	<	0.74	µg/L	EPA 8270C	0.74	2	WKL	
MO-SPA	2021/22-2	Wet	12/14/2021 2:15:00 PM	1/19/2022 12:18:00 AM	4-Chlorophenyl phenyl ether	n/a	<	0.82	µg/L	EPA 625.1	0.82	2	WKL	
MO-SPA	2021/22-2	Wet	12/14/2021 2:15:00 PM	1/19/2022 12:18:00 AM	4-Nitrophenol	n/a	<	2.5	µg/L	EPA 625.1	2.5	10	WKL	
MO-SPA	2021/22-2	Wet	12/14/2021 2:15:00 PM	1/14/2022 6:07:00 AM	4-Nitrophenol	n/a	<	2	µg/L	EPA 8270C	2	4	WKL	
MO-SPA	2021/22-2	Wet	12/14/2021 2:15:00 PM	1/15/2022 12:10:00 PM	Acenaphthene	n/a	<	0.056	µg/L	EPA 8270C	0.056	0.2	WKL	
MO-SPA	2021/22-2	Wet	12/14/2021 2:15:00 PM	1/19/2022 12:18:00 AM	Acenaphthene	n/a	<	0.76	µg/L	EPA 625.1	0.76	2	WKL	
MO-SPA	2021/22-2	Wet	12/14/2021 2:15:00 PM	1/19/2022 12:18:00 AM	Acenaphthylene	n/a	<	0.7	µg/L	EPA 625.1	0.7	2	WKL	
MO-SPA	2021/22-2	Wet	12/14/2021 2:15:00 PM	1/15/2022 12:10:00 PM	Acenaphthylene	n/a	<	0.066	µg/L	EPA 8270C	0.066	0.2	WKL	
MO-SPA	2021/22-2	Wet	12/14/2021 2:15:00 PM	1/19/2022 12:18:00 AM	Anthracene	n/a	<	0.82	µg/L	EPA 625.1	0.82	2	WKL	
MO-SPA	2021/22-2	Wet	12/14/2021 2:15:00 PM	1/15/2022 12:10:00 PM	Anthracene	n/a	<	0.05	µg/L	EPA 8270C	0.05	0.2	WKL	
MO-SPA	2021/22-2	Wet	12/14/2021 2:15:00 PM	1/15/2022 12:10:00 PM	Benz(a)anthracene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.2	WKL	
MO-SPA	2021/22-2	Wet	12/14/2021 2:15:00 PM	1/19/2022 12:18:00 AM	Benz(a)anthracene	n/a	<	0.38	µg/L	EPA 625.1	0.38	2	WKL	
MO-SPA	2021/22-2	Wet	12/14/2021 2:15:00 PM	1/19/2022 12:18:00 AM	Benzdine	n/a	<	6.4	µg/L	EPA 625.1	6.4	20	WKL	
MO-SPA	2021/22-2	Wet	12/14/2021 2:15:00 PM	1/19/2022 12:18:00 AM	Benzo(a)pyrene	n/a	<	0.78	µg/L	EPA 625.1	0.78	2	WKL	
MO-SPA	2021/22-2	Wet	12/14/2021 2:15:00 PM	1/15/2022 12:10:00 PM	Benzo(a)pyrene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.2	WKL	
MO-SPA	2021/22-2	Wet	12/14/2021 2:15:00 PM	12/23/2021 9:02:00 PM	Benzo(a)pyrene	n/a	<	0.2	µg/L	EPA 525.2	0.2	1	WKL	
MO-SPA	2021/22-2	Wet	12/14/2021 2:15:00 PM	1/19/2022 12:18:00 AM	Benzo(b)fluoranthene	n/a	<	0.92	µg/L	EPA 625.1	0.92	2	WKL	
MO-SPA	2021/22-2	Wet	12/14/2021 2:15:00 PM	1/15/2022 12:10:00 PM	Benzo(b)fluoranthene	n/a	<	0.15	µg/L	EPA 8270C	0.15	0.2	WKL	
MO-SPA	2021/22-2	Wet	12/14/2021 2:15:00 PM	1/19/2022 12:18:00 AM	Benzo(g,h,i)perylene	n/a	<	0.84	µg/L	EPA 625.1	0.84	4	WKL	
MO-SPA	2021/22-2	Wet	12/14/2021 2:15:00 PM	1/15/2022 12:10:00 PM	Benzo(g,h,i)perylene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.2	WKL	
MO-SPA	2021/22-2	Wet	12/14/2021 2:15:00 PM	1/19/2022 12:18:00 AM	Benzo(k)fluoranthene	n/a	<	0.44	µg/L	EPA 625.1	0.44	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	2021/22-2	Wet	12/14/2021 2:15:00 PM	1/15/2022 12:10:00 PM	Benzo(k)fluoranthene	n/a	<	0.052	µg/L	EPA 8270C	0.052	0.2	WKL	
MO-SPA	2021/22-2	Wet	12/14/2021 2:15:00 PM	1/19/2022 12:18:00 AM	Bis(2-chloroethoxy)methane	n/a	<	0.5	µg/L	EPA 625.1	0.5	2	WKL	
MO-SPA	2021/22-2	Wet	12/14/2021 2:15:00 PM	1/19/2022 12:18:00 AM	Bis(2-chloroethyl)ether	n/a	<	0.54	µg/L	EPA 625.1	0.54	2	WKL	
MO-SPA	2021/22-2	Wet	12/14/2021 2:15:00 PM	1/19/2022 12:18:00 AM	Bis(2-chloroisopropyl)ether	n/a	<	0.76	µg/L	EPA 625.1	0.76	2	WKL	
MO-SPA	2021/22-2	Wet	12/14/2021 2:15:00 PM	12/23/2021 9:02:00 PM	Bis(2-ethylhexyl)adipate	n/a	<	4.2	µg/L	EPA 525.2	4.2	50	WKL	
MO-SPA	2021/22-2	Wet	12/14/2021 2:15:00 PM	12/23/2021 9:02:00 AM	Bis(2-ethylhexyl)phthalate	n/a	<	4.1	µg/L	EPA 525.2	4.1	30	WKL	
MO-SPA	2021/22-2	Wet	12/14/2021 2:15:00 PM	1/19/2022 12:18:00 AM	Bis(2-ethylhexyl)phthalate	n/a	<	4.6	µg/L	EPA 625.1	4.6	10	WKL	
MO-SPA	2021/22-2	Wet	12/14/2021 2:15:00 PM	1/19/2022 12:18:00 AM	Butyl benzyl phthalate	n/a	<	0.98	µg/L	EPA 625.1	0.98	2	WKL	
MO-SPA	2021/22-2	Wet	12/14/2021 2:15:00 PM	1/19/2022 12:18:00 AM	Chrysene	n/a	<	0.38	µg/L	EPA 625.1	0.38	2	WKL	
MO-SPA	2021/22-2	Wet	12/14/2021 2:15:00 PM	1/15/2022 12:10:00 PM	Chrysene	n/a	<	0.15	µg/L	EPA 8270C	0.15	0.2	WKL	
MO-SPA	2021/22-2	Wet	12/14/2021 2:15:00 PM	1/15/2022 12:10:00 PM	Dibenz(a,h)anthracene	n/a	<	0.072	µg/L	EPA 8270C	0.072	0.2	WKL	
MO-SPA	2021/22-2	Wet	12/14/2021 2:15:00 PM	1/19/2022 12:18:00 AM	Dibenz(a,h)anthracene	n/a	<	0.3	µg/L	EPA 625.1	0.3	4	WKL	
MO-SPA	2021/22-2	Wet	12/14/2021 2:15:00 PM	1/19/2022 12:18:00 AM	Diethyl phthalate	n/a	<	0.7	µg/L	EPA 625.1	0.7	2	WKL	
MO-SPA	2021/22-2	Wet	12/14/2021 2:15:00 PM	1/19/2022 12:18:00 AM	Dimethyl phthalate	n/a	<	0.36	µg/L	EPA 625.1	0.36	2	WKL	
MO-SPA	2021/22-2	Wet	12/14/2021 2:15:00 PM	1/19/2022 12:18:00 AM	Di-n-butylphthalate	n/a	DNQ	0.87	µg/L	EPA 625.1	0.68	2	WKL	
MO-SPA	2021/22-2	Wet	12/14/2021 2:15:00 PM	1/19/2022 12:18:00 AM	Di-n-octylphthalate	n/a	<	0.92	µg/L	EPA 625.1	0.92	2	WKL	
MO-SPA	2021/22-2	Wet	12/14/2021 2:15:00 PM	1/19/2022 12:18:00 AM	Fluoranthene	n/a	<	0.69	µg/L	EPA 625.1	0.69	2	WKL	
MO-SPA	2021/22-2	Wet	12/14/2021 2:15:00 PM	1/15/2022 12:10:00 PM	Fluoranthene	n/a	DNQ	0.18	µg/L	EPA 8270C	0.078	0.2	WKL	
MO-SPA	2021/22-2	Wet	12/14/2021 2:15:00 PM	1/15/2022 12:10:00 PM	Fluorene	n/a	<	0.058	µg/L	EPA 8270C	0.058	0.2	WKL	
MO-SPA	2021/22-2	Wet	12/14/2021 2:15:00 PM	1/19/2022 12:18:00 AM	Fluorene	n/a	<	0.7	µg/L	EPA 625.1	0.7	2	WKL	
MO-SPA	2021/22-2	Wet	12/14/2021 2:15:00 PM	1/19/2022 12:18:00 AM	Hexachlorobenzene	n/a	<	0.98	µg/L	EPA 625.1	0.98	2	WKL	
MO-SPA	2021/22-2	Wet	12/14/2021 2:15:00 PM	1/19/2022 12:18:00 AM	Hexachlorobutadiene	n/a	<	0.94	µg/L	EPA 625.1	0.94	2	WKL	
MO-SPA	2021/22-2	Wet	12/14/2021 2:15:00 PM	12/23/2021 9:02:00 PM	Hexachlorocyclopentadiene	n/a	<	0.92	µg/L	EPA 525.2	0.92	10	WKL	
MO-SPA	2021/22-2	Wet	12/14/2021 2:15:00 PM	1/19/2022 12:18:00 AM	Hexachlorocyclopentadiene	n/a	<	0.62	µg/L	EPA 625.1	0.62	10	WKL	
MO-SPA	2021/22-2	Wet	12/14/2021 2:15:00 PM	1/19/2022 12:18:00 AM	Hexachloroethane	n/a	<	1	µg/L	EPA 625.1	1	2	WKL	
MO-SPA	2021/22-2	Wet	12/14/2021 2:15:00 PM	1/19/2022 12:18:00 AM	Indeno(1,2,3-cd)pyrene	n/a	<	0.49	µg/L	EPA 625.1	0.49	4	WKL	
MO-SPA	2021/22-2	Wet	12/14/2021 2:15:00 PM	1/15/2022 12:10:00 PM	Indeno(1,2,3-cd)pyrene	n/a	<	0.13	µg/L	EPA 8270C	0.13	0.2	WKL	
MO-SPA	2021/22-2	Wet	12/14/2021 2:15:00 PM	1/19/2022 12:18:00 AM	Isophorone	n/a	<	0.42	µg/L	EPA 625.1	0.42	2	WKL	
MO-SPA	2021/22-2	Wet	12/14/2021 2:15:00 PM	1/19/2022 12:18:00 AM	Naphthalene	n/a	<	0.98	µg/L	EPA 625.1	0.98	2	WKL	
MO-SPA	2021/22-2	Wet	12/14/2021 2:15:00 PM	1/15/2022 12:10:00 PM	Naphthalene	n/a	DNQ	0.06	µg/L	EPA 8270C	0.052	0.2	WKL	
MO-SPA	2021/22-2	Wet	12/14/2021 2:15:00 PM	1/19/2022 12:18:00 AM	Nitrobenzene	n/a	<	0.72	µg/L	EPA 625.1	0.72	2	WKL	
MO-SPA	2021/22-2	Wet	12/14/2021 2:15:00 PM	1/19/2022 12:18:00 AM	N-Nitrosodimethylamine	n/a	<	1	µg/L	EPA 625.1	1	2	WKL	
MO-SPA	2021/22-2	Wet	12/14/2021 2:15:00 PM	1/19/2022 12:18:00 AM	N-Nitrosodi-N-propylamine	n/a	<	0.52	µg/L	EPA 625.1	0.52	2	WKL	
MO-SPA	2021/22-2	Wet	12/14/2021 2:15:00 PM	1/19/2022 12:18:00 AM	N-Nitrosodiphenylamine	n/a	<	0.38	µg/L	EPA 625.1	0.38	2	WKL	
MO-SPA	2021/22-2	Wet	12/14/2021 2:15:00 PM	1/19/2022 12:18:00 AM	Phenanthrene	n/a	<	0.64	µg/L	EPA 625.1	0.64	2	WKL	
MO-SPA	2021/22-2	Wet	12/14/2021 2:15:00 PM	1/15/2022 12:10:00 PM	Phenanthrene	n/a	DNQ	0.093	µg/L	EPA 8270C	0.058	0.2	WKL	
MO-SPA	2021/22-2	Wet	12/14/2021 2:15:00 PM	1/19/2022 12:18:00 AM	Phenol	n/a	<	1.6	µg/L	EPA 625.1	1.6	2	WKL	
MO-SPA	2021/22-2	Wet	12/14/2021 2:15:00 PM	1/14/2022 6:07:00 AM	Phenol	n/a	<	0.7	µg/L	EPA 8270C	0.7	2	WKL	
MO-SPA	2021/22-2	Wet	12/14/2021 2:15:00 PM	1/19/2022 12:18:00 AM	Pyrene	n/a	<	0.5	µg/L	EPA 625.1	0.5	2	WKL	
MO-SPA	2021/22-2	Wet	12/14/2021 2:15:00 PM	1/15/2022 12:10:00 PM	Pyrene	n/a	DNQ	0.18	µg/L	EPA 8270C	0.08	0.2	WKL	
MO-SPA	2021/22-2	Wet	12/14/2021 2:15:00 PM	1/13/2022 11:34:00 AM	PCB Aroclor 1016	n/a	<	0.5	µg/L	EPA 608.3	0.5	2.5	WKL	
MO-SPA	2021/22-2	Wet	12/14/2021 2:15:00 PM	1/13/2022 11:34:00 AM	PCB Aroclor 1221	n/a	<	0.5	µg/L	EPA 608.3	0.5	2.5	WKL	
MO-SPA	2021/22-2	Wet	12/14/2021 2:15:00 PM	1/13/2022 11:34:00 AM	PCB Aroclor 1232	n/a	<	0.5	µg/L	EPA 608.3	0.5	2.5	WKL	
MO-SPA	2021/22-2	Wet	12/14/2021 2:15:00 PM	1/13/2022 11:34:00 AM	PCB Aroclor 1242	n/a	<	0.5	µg/L	EPA 608.3	0.5	2.5	WKL	
MO-SPA	2021/22-2	Wet	12/14/2021 2:15:00 PM	1/13/2022 11:34:00 AM	PCB Aroclor 1248	n/a	<	0.5	µg/L	EPA 608.3	0.5	2.5	WKL	
MO-SPA	2021/22-2	Wet	12/14/2021 2:15:00 PM	1/13/2022 11:34:00 AM	PCB Aroclor 1254	n/a	<	0.5	µg/L	EPA 608.3	0.5	2.5	WKL	
MO-SPA	2021/22-2	Wet	12/14/2021 2:15:00 PM	1/13/2022 11:34:00 AM	PCB Aroclor 1260	n/a	<	0.5	µg/L	EPA 608.3	0.5	2.5	WKL	
MO-SPA	2021/22-2	Wet	12/14/2021 2:15:00 PM	1/6/2022 9:35:00 PM	2,4,5-T	n/a	<	0.03	µg/L	EPA 515.4	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-SPA	2021/22-2	Wet	12/14/2021 2:15:00 PM	1/6/2022 9:35:00 PM	2,4,5-TP	n/a	<	0.026	µg/L	EPA 515.4	0.026	0.2	WKL	
MO-SPA	2021/22-2	Wet	12/14/2021 2:15:00 PM	1/6/2022 9:35:00 PM	2,4-D	n/a	<	1	µg/L	EPA 515.4	1	1	WKL	
MO-SPA	2021/22-2	Wet	12/14/2021 2:15:00 PM	1/6/2022 9:35:00 PM	2,4-DB	n/a	<	2	µg/L	EPA 515.4	2	2	WKL	
MO-SPA	2021/22-2	Wet	12/14/2021 2:15:00 PM	1/6/2022 9:35:00 PM	3,5-Dichlorobenzoic acid	n/a	<	0.12	µg/L	EPA 515.4	0.12	1	WKL	
MO-SPA	2021/22-2	Wet	12/14/2021 2:15:00 PM	1/13/2022 11:34:00 AM	4,4'-DDD	n/a	<	0.0035	µg/L	EPA 608.3	0.0035	0.25	WKL	
MO-SPA	2021/22-2	Wet	12/14/2021 2:15:00 PM	1/13/2022 11:34:00 AM	4,4'-DDE	n/a	DNQ	0.011	µg/L	EPA 608.3	0.0035	0.25	WKL	
MO-SPA	2021/22-2	Wet	12/14/2021 2:15:00 PM	1/13/2022 11:34:00 AM	4,4'-DDT	n/a	DNQ	0.021	µg/L	EPA 608.3	0.0055	0.05	WKL	
MO-SPA	2021/22-2	Wet	12/14/2021 2:15:00 PM	1/6/2022 9:35:00 PM	Acifluorfen	n/a	<	0.03	µg/L	EPA 515.4	0.03	0.4	WKL	
MO-SPA	2021/22-2	Wet	12/14/2021 2:15:00 PM	12/23/2021 9:02:00 PM	Alachlor	n/a	<	0.3	µg/L	EPA 525.2	0.3	1	WKL	
MO-SPA	2021/22-2	Wet	12/14/2021 2:15:00 PM	1/13/2022 11:34:00 AM	Aldrin	n/a	<	0.005	µg/L	EPA 608.3	0.005	0.025	WKL	
MO-SPA	2021/22-2	Wet	12/14/2021 2:15:00 PM	1/13/2022 11:34:00 AM	alpha-BHC	n/a	<	0.0055	µg/L	EPA 608.3	0.0055	0.05	WKL	
MO-SPA	2021/22-2	Wet	12/14/2021 2:15:00 PM	1/13/2022 11:34:00 AM	alpha-Chlordane	n/a	<	0.014	µg/L	EPA 608.3	0.014	0.05	WKL	
MO-SPA	2021/22-2	Wet	12/14/2021 2:15:00 PM	12/23/2021 9:02:00 PM	Atrazine	n/a	<	0.11	µg/L	EPA 525.2	0.11	1	WKL	
MO-SPA	2021/22-2	Wet	12/14/2021 2:15:00 PM	12/28/2021 7:58:00 AM	Azinphos methyl	n/a	<	0.028	µg/L	EPA 625.1m	0.028	0.05	WKL	
MO-SPA	2021/22-2	Wet	12/14/2021 2:15:00 PM	1/6/2022 9:35:00 PM	Bentazon	n/a	<	0.23	µg/L	EPA 515.4	0.23	2	WKL	
MO-SPA	2021/22-2	Wet	12/14/2021 2:15:00 PM	1/13/2022 11:34:00 AM	beta-BHC	n/a	<	0.0075	µg/L	EPA 608.3	0.0075	0.025	WKL	
MO-SPA	2021/22-2	Wet	12/14/2021 2:15:00 PM	12/28/2021 7:58:00 AM	Bolstar	n/a	<	0.023	µg/L	EPA 625.1m	0.023	0.05	WKL	
MO-SPA	2021/22-2	Wet	12/14/2021 2:15:00 PM	12/23/2021 9:02:00 PM	Bromacil	n/a	<	0.7	µg/L	EPA 525.2	0.7	5	WKL	
MO-SPA	2021/22-2	Wet	12/14/2021 2:15:00 PM	12/23/2021 9:02:00 PM	Butachlor	n/a	<	0.12	µg/L	EPA 525.2	0.12	1	WKL	
MO-SPA	2021/22-2	Wet	12/14/2021 2:15:00 PM	12/23/2021 9:02:00 PM	Captan	n/a	<	3.2	µg/L	EPA 525.2	3.2	10	WKL	
MO-SPA	2021/22-2	Wet	12/14/2021 2:15:00 PM	1/13/2022 11:34:00 AM	Chlordane (technical)	n/a	<	0.5	µg/L	EPA 608.3	0.5	0.5	WKL	
MO-SPA	2021/22-2	Wet	12/14/2021 2:15:00 PM	12/23/2021 9:02:00 AM	Chlorpropham	n/a	<	0.4	µg/L	EPA 525.2	0.4	1	WKL	
MO-SPA	2021/22-2	Wet	12/14/2021 2:15:00 PM	12/28/2021 7:58:00 AM	Chlorpyrifos	n/a	<	0.034	µg/L	EPA 625.1m	0.034	0.05	WKL	
MO-SPA	2021/22-2	Wet	12/14/2021 2:15:00 PM	12/28/2021 7:58:00 AM	Coumaphos	n/a	<	0.026	µg/L	EPA 625.1m	0.026	0.05	WKL	
MO-SPA	2021/22-2	Wet	12/14/2021 2:15:00 PM	1/6/2022 9:35:00 PM	Dalapon	n/a	<	0.11	µg/L	EPA 515.4	0.11	0.4	WKL	
MO-SPA	2021/22-2	Wet	12/14/2021 2:15:00 PM	1/6/2022 9:35:00 PM	DCCA (Dacthal)	n/a	<	0.1	µg/L	EPA 515.4	0.1	0.1	WKL	
MO-SPA	2021/22-2	Wet	12/14/2021 2:15:00 PM	1/13/2022 11:34:00 AM	delta-BHC	n/a	<	0.0095	µg/L	EPA 608.3	0.0095	0.025	WKL	EST-LCSRPD
MO-SPA	2021/22-2	Wet	12/14/2021 2:15:00 PM	12/28/2021 7:58:00 AM	Demeton-O	n/a	<	0.05	µg/L	EPA 625.1m	0.05	0.05	WKL	
MO-SPA	2021/22-2	Wet	12/14/2021 2:15:00 PM	12/28/2021 7:58:00 AM	Demeton-S	n/a	<	0.05	µg/L	EPA 625.1m	0.05	0.05	WKL	LB-LCSR
MO-SPA	2021/22-2	Wet	12/14/2021 2:15:00 PM	12/28/2021 7:58:00 AM	Diazinon	n/a	<	0.026	µg/L	EPA 625.1m	0.026	0.05	WKL	
MO-SPA	2021/22-2	Wet	12/14/2021 2:15:00 PM	12/23/2021 9:02:00 PM	Diazinon	n/a	<	0.22	µg/L	EPA 525.2	0.22	1	WKL	
MO-SPA	2021/22-2	Wet	12/14/2021 2:15:00 PM	1/6/2022 9:35:00 PM	Dicamba	n/a	<	0.049	µg/L	EPA 515.4	0.049	0.6	WKL	
MO-SPA	2021/22-2	Wet	12/14/2021 2:15:00 PM	1/6/2022 9:35:00 PM	Dichlorprop	n/a	<	0.12	µg/L	EPA 515.4	0.12	0.3	WKL	
MO-SPA	2021/22-2	Wet	12/14/2021 2:15:00 PM	12/28/2021 7:58:00 AM	Dichlorvos	n/a	<	0.014	µg/L	EPA 625.1m	0.014	0.05	WKL	
MO-SPA	2021/22-2	Wet	12/14/2021 2:15:00 PM	1/13/2022 11:34:00 AM	Dieldrin	n/a	<	0.004	µg/L	EPA 608.3	0.004	0.05	WKL	
MO-SPA	2021/22-2	Wet	12/14/2021 2:15:00 PM	12/23/2021 9:02:00 PM	Dimethoate	n/a	<	0.2	µg/L	EPA 525.2	0.2	2	WKL	
MO-SPA	2021/22-2	Wet	12/14/2021 2:15:00 PM	12/28/2021 7:58:00 AM	Dimethoate	n/a	<	0.031	µg/L	EPA 625.1m	0.031	0.05	WKL	LB-LCSR
MO-SPA	2021/22-2	Wet	12/14/2021 2:15:00 PM	1/6/2022 9:35:00 PM	Dinoseb	n/a	<	0.033	µg/L	EPA 515.4	0.033	0.4	WKL	
MO-SPA	2021/22-2	Wet	12/14/2021 2:15:00 PM	12/23/2021 9:02:00 PM	Diphenamid	n/a	<	0.3	µg/L	EPA 525.2	0.3	1	WKL	
MO-SPA	2021/22-2	Wet	12/14/2021 2:15:00 PM	12/23/2021 9:02:00 PM	Disulfoton	n/a	<	0.15	µg/L	EPA 525.2	0.15	1	WKL	
MO-SPA	2021/22-2	Wet	12/14/2021 2:15:00 PM	12/28/2021 7:58:00 AM	Disulfoton	n/a	<	0.05	µg/L	EPA 625.1m	0.05	0.05	WKL	
MO-SPA	2021/22-2	Wet	12/14/2021 2:15:00 PM	1/13/2022 11:34:00 AM	Endosulfan I	n/a	<	0.0045	µg/L	EPA 608.3	0.0045	0.1	WKL	
MO-SPA	2021/22-2	Wet	12/14/2021 2:15:00 PM	1/13/2022 11:34:00 AM	Endosulfan II	n/a	<	0.0035	µg/L	EPA 608.3	0.0035	0.05	WKL	
MO-SPA	2021/22-2	Wet	12/14/2021 2:15:00 PM	1/13/2022 11:34:00 AM	Endosulfan sulfate	n/a	<	0.0065	µg/L	EPA 608.3	0.0065	0.25	WKL	
MO-SPA	2021/22-2	Wet	12/14/2021 2:15:00 PM	1/13/2022 11:34:00 AM	Endrin	n/a	<	0.0085	µg/L	EPA 608.3	0.0085	0.05	WKL	
MO-SPA	2021/22-2	Wet	12/14/2021 2:15:00 PM	1/13/2022 11:34:00 AM	Endrin aldehyde	n/a	<	0.0095	µg/L	EPA 608.3	0.0095	0.05	WKL	
MO-SPA	2021/22-2	Wet	12/14/2021 2:15:00 PM	12/23/2021 9:02:00 PM	EPTC	n/a	<	0.2	µg/L	EPA 525.2	0.2	1	WKL	
MO-SPA	2021/22-2	Wet	12/14/2021 2:15:00 PM	12/28/2021 7:58:00 AM	Ethoprop	n/a	<	0.034	µg/L	EPA 625.1m	0.034	0.05	WKL	LB-LCSR

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-SPA	2021/22-2	Wet	12/14/2021 2:15:00 PM	12/28/2021 7:58:00 AM	Ethyl parathion	n/a	<	0.027	µg/L	EPA 625.1m	0.027	0.05	WKL	
MO-SPA	2021/22-2	Wet	12/14/2021 2:15:00 PM	12/28/2021 7:58:00 AM	Fensulfothion	n/a	<	0.014	µg/L	EPA 625.1m	0.014	0.05	WKL	
MO-SPA	2021/22-2	Wet	12/14/2021 2:15:00 PM	12/28/2021 7:58:00 AM	Fenthion	n/a	<	0.019	µg/L	EPA 625.1m	0.019	0.05	WKL	
MO-SPA	2021/22-2	Wet	12/14/2021 2:15:00 PM	1/13/2022 11:34:00 AM	gamma-BHC (Lindane)	n/a	<	0.002	µg/L	EPA 608.3	0.002	0.1	WKL	
MO-SPA	2021/22-2	Wet	12/14/2021 2:15:00 PM	1/13/2022 11:34:00 AM	gamma-Chlordane	n/a	<	0.012	µg/L	EPA 608.3	0.012	0.05	WKL	
MO-SPA	2021/22-2	Wet	12/14/2021 2:15:00 PM	12/17/2021 4:36:00 AM	Glyphosate	n/a	=	14	µg/L	EPA 547	1.8	5	WKL	
MO-SPA	2021/22-2	Wet	12/14/2021 2:15:00 PM	1/13/2022 11:34:00 AM	Heptachlor	n/a	<	0.003	µg/L	EPA 608.3	0.003	0.05	WKL	
MO-SPA	2021/22-2	Wet	12/14/2021 2:15:00 PM	1/13/2022 11:34:00 AM	Heptachlor epoxide	n/a	<	0.002	µg/L	EPA 608.3	0.002	0.05	WKL	
MO-SPA	2021/22-2	Wet	12/14/2021 2:15:00 PM	12/28/2021 7:58:00 AM	Malathion	n/a	<	0.038	µg/L	EPA 625.1m	0.038	0.05	WKL	
MO-SPA	2021/22-2	Wet	12/14/2021 2:15:00 PM	12/28/2021 7:58:00 AM	Merphos	n/a	<	0.029	µg/L	EPA 625.1m	0.029	0.05	WKL	
MO-SPA	2021/22-2	Wet	12/14/2021 2:15:00 PM	12/28/2021 7:58:00 AM	Methyl parathion	n/a	<	0.032	µg/L	EPA 625.1m	0.032	0.05	WKL	
MO-SPA	2021/22-2	Wet	12/14/2021 2:15:00 PM	12/23/2021 9:02:00 PM	Metolachlor	n/a	<	0.3	µg/L	EPA 525.2	0.3	1	WKL	
MO-SPA	2021/22-2	Wet	12/14/2021 2:15:00 PM	12/23/2021 9:02:00 PM	Metribuzin	n/a	<	0.3	µg/L	EPA 525.2	0.3	1	WKL	
MO-SPA	2021/22-2	Wet	12/14/2021 2:15:00 PM	12/28/2021 7:58:00 AM	Mevinphos	n/a	<	0.021	µg/L	EPA 625.1m	0.021	0.05	WKL	LB-LCSR
MO-SPA	2021/22-2	Wet	12/14/2021 2:15:00 PM	12/23/2021 9:02:00 PM	Molinate	n/a	<	0.3	µg/L	EPA 525.2	0.3	1	WKL	
MO-SPA	2021/22-2	Wet	12/14/2021 2:15:00 PM	12/28/2021 7:58:00 AM	Naled	n/a	<	0.038	µg/L	EPA 625.1m	0.038	0.05	WKL	
MO-SPA	2021/22-2	Wet	12/14/2021 2:15:00 PM	1/6/2022 9:35:00 PM	Pentachlorophenol	n/a	=	0.69	µg/L	EPA 515.4	0.046	0.2	WKL	
MO-SPA	2021/22-2	Wet	12/14/2021 2:15:00 PM	1/19/2022 12:18:00 PM	Pentachlorophenol	n/a	=	4	µg/L	EPA 625.1	0.8	2	WKL	HB-LCSR
MO-SPA	2021/22-2	Wet	12/14/2021 2:15:00 PM	1/14/2022 6:07:00 AM	Pentachlorophenol	n/a	=	2.2	µg/L	EPA 8270C	0.3	2	WKL	
MO-SPA	2021/22-2	Wet	12/14/2021 2:15:00 PM	12/28/2021 7:58:00 AM	Phorate	n/a	<	0.015	µg/L	EPA 625.1m	0.015	0.05	WKL	
MO-SPA	2021/22-2	Wet	12/14/2021 2:15:00 PM	1/6/2022 9:35:00 PM	Picloram	n/a	<	0.05	µg/L	EPA 515.4	0.05	0.6	WKL	
MO-SPA	2021/22-2	Wet	12/14/2021 2:15:00 PM	12/23/2021 9:02:00 PM	Prometryn	n/a	<	0.3	µg/L	EPA 525.2	0.3	1	WKL	
MO-SPA	2021/22-2	Wet	12/14/2021 2:15:00 PM	12/28/2021 7:58:00 AM	Ronnel (Fenchlorphos)	n/a	<	0.02	µg/L	EPA 625.1m	0.02	0.05	WKL	
MO-SPA	2021/22-2	Wet	12/14/2021 2:15:00 PM	12/23/2021 9:02:00 PM	Simazine	n/a	<	0.2	µg/L	EPA 525.2	0.2	1	WKL	
MO-SPA	2021/22-2	Wet	12/14/2021 2:15:00 PM	12/28/2021 7:58:00 AM	Stirophos (Tetrachlorvinphos)	n/a	<	0.016	µg/L	EPA 625.1m	0.016	0.05	WKL	
MO-SPA	2021/22-2	Wet	12/14/2021 2:15:00 PM	12/23/2021 9:02:00 PM	Terbacil	n/a	<	0.9	µg/L	EPA 525.2	0.9	20	WKL	
MO-SPA	2021/22-2	Wet	12/14/2021 2:15:00 PM	12/23/2021 9:02:00 PM	Thiobencarb	n/a	<	0.3	µg/L	EPA 525.2	0.3	1	WKL	
MO-SPA	2021/22-2	Wet	12/14/2021 2:15:00 PM	12/28/2021 7:58:00 AM	Tokuthion	n/a	<	0.039	µg/L	EPA 625.1m	0.039	0.05	WKL	
MO-SPA	2021/22-2	Wet	12/14/2021 2:15:00 PM	1/13/2022 11:34:00 AM	Toxaphene	n/a	<	2.5	µg/L	EPA 608.3	2.5	2.5	WKL	
MO-SPA	2021/22-2	Wet	12/14/2021 2:15:00 PM	12/28/2021 7:58:00 AM	Trichloronate	n/a	<	0.034	µg/L	EPA 625.1m	0.034	0.05	WKL	
MO-SPA	2021/22-2	Wet	12/14/2021 2:15:00 PM	12/23/2021 9:02:00 PM	Trithion	n/a	<	0.2	µg/L	EPA 525.2	0.2	1	WKL	
MO-SPA	2021/22-3	Wet	3/28/2022 10:00:00 AM	3/29/2022 11:20:00 AM	E. Coli	n/a	=	5794	MPN/100 mL	MMO-MUG	10	10	VCHCA	
MO-SPA	2021/22-3	Wet	3/28/2022 10:00:00 AM	3/29/2022 11:20:00 AM	Total Coliform	n/a	=	98040	MPN/100 mL	MMO-MUG	100	100	VCHCA	
MO-SPA	2021/22-3	Wet	3/28/2022 10:00:00 AM	3/28/2022 10:00:00 AM	Conductivity	n/a	=	41.3	µmhos/cm	Field Meter	-88	1	Field Crew	
MO-SPA	2021/22-3	Wet	3/28/2022 10:00:00 AM	4/6/2022 3:05:00 PM	Cyanide	Total	<	0.0012	mg/L	ASTM D7511	0.0012	0.002	WKL	
MO-SPA	2021/22-3	Wet	3/28/2022 10:00:00 AM	3/28/2022 10:00:00 AM	DO	n/a	=	9.69	mg/L	Field Meter	-88	0.3	Field Crew	
MO-SPA	2021/22-3	Wet	3/28/2022 10:00:00 AM	3/28/2022 10:00:00 AM	DO	n/a	=	94.3	%	Field Meter	-88	0.1	Field Crew	
MO-SPA	2021/22-3	Wet	3/28/2022 10:00:00 AM	3/28/2022 10:00:00 AM	pH	n/a	=	7.3	pH Units	Field Meter	-88	0.01	Field Crew	
MO-SPA	2021/22-3	Wet	3/28/2022 10:00:00 AM	3/28/2022 10:00:00 AM	Salinity	n/a	<	100	mg/L	Field Meter	-88	100	Field Crew	
MO-SPA	2021/22-3	Wet	3/28/2022 10:00:00 AM	3/28/2022 10:00:00 AM	Specific Conductance	n/a	=	52.1	µmhos/cm	Field Meter	-88	1	Field Crew	
MO-SPA	2021/22-3	Wet	3/28/2022 10:00:00 AM	3/28/2022 10:00:00 AM	Temperature	n/a	=	14.2	°C	Field Meter	-88	0.1	Field Crew	
MO-SPA	2021/22-3	Wet	3/28/2022 10:00:00 AM	3/30/2022 3:12:00 PM	Gasoline Range Organics	n/a	<	0.065	mg/L	EPA 8260B	0.065	0.1	WKL	
MO-SPA	2021/22-3	Wet	3/28/2022 10:00:00 AM	4/4/2022 1:14:00 PM	Oil and Grease	n/a	DNQ	1.6	mg/L	EPA 1664B	0.6	4	WKL	
MO-SPA	2021/22-3	Wet	3/28/2022 2:15:00 PM	4/1/2022 3:19:00 PM	Chloride	n/a	=	3.2	mg/L	EPA 300.0	0.38	1	WKL	
MO-SPA	2021/22-3	Wet	3/28/2022 2:15:00 PM	4/1/2022 3:19:00 PM	Fluoride	n/a	DNQ	0.088	mg/L	EPA 300.0	0.018	0.2	WKL	
MO-SPA	2021/22-3	Wet	3/28/2022 2:15:00 PM	4/1/2022 8:25:00 PM	Perchlorate	n/a	<	0.78	µg/L	EPA 314.0	0.78	4	WKL	
MO-SPA	2021/22-3	Wet	3/28/2022 2:15:00 PM	4/7/2022 6:19:00 PM	Calcium	Total	=	11.4	mg/L	EPA 200.7	0.0234	0.5	WKL	
MO-SPA	2021/22-3	Wet	3/28/2022 2:15:00 PM	4/7/2022 6:19:00 PM	Magnesium	Total	=	2.34	mg/L	EPA 200.7	0.039	0.5	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-SPA	2021/22-3	Wet	3/28/2022 2:15:00 PM	3/31/2022 1:09:00 PM	Alkalinity as CaCO3	n/a	=	24	mg/L	SM 2320 B	1.9	5	WKL	
MO-SPA	2021/22-3	Wet	3/28/2022 2:15:00 PM	4/3/2022 1:53:00 PM	BOD	n/a	=	28	mg/L	SM 5210 B	2	2	WKL	
MO-SPA	2021/22-3	Wet	3/28/2022 2:15:00 PM	4/7/2022 1:13:00 PM	COD	n/a	=	67	mg/L	EPA 410.4	2.9	5	WKL	
MO-SPA	2021/22-3	Wet	3/28/2022 2:15:00 PM	4/7/2022 6:19:00 PM	Hardness as CaCO3	Total	=	38.1	mg/L	EPA 200.7	0.219	3.31	WKL	
MO-SPA	2021/22-3	Wet	3/28/2022 2:15:00 PM	3/29/2022 5:52:00 PM	MBAS	n/a	=	0.18	mg/L	SM 5540 C	0.013	0.05	WKL	
MO-SPA	2021/22-3	Wet	3/28/2022 2:15:00 PM	4/11/2022 12:25:00 PM	Phenolics	n/a	=	0.015	mg/L	EPA 420.4	0.0068	0.01	WKL	
MO-SPA	2021/22-3	Wet	3/28/2022 2:15:00 PM	3/29/2022 5:06:00 PM	Specific Conductance	n/a	=	95	µmhos/cm	SM 2510 B	1.1	2	WKL	
MO-SPA	2021/22-3	Wet	3/28/2022 2:15:00 PM	4/4/2022 11:43:00 AM	Total Dissolved Solids	n/a	=	76	mg/L	SM 2540 C	4	10	WKL	
MO-SPA	2021/22-3	Wet	3/28/2022 2:15:00 PM	3/29/2022 6:53:00 PM	Total Organic Carbon	n/a	=	25	mg/L	SM 5310 B	0.19	0.3	WKL	
MO-SPA	2021/22-3	Wet	3/28/2022 2:15:00 PM	4/2/2022 11:00:00 AM	Total Suspended Solids	n/a	=	270	mg/L	SM 2540 D	-88	5	WKL	
MO-SPA	2021/22-3	Wet	3/28/2022 2:15:00 PM	3/29/2022 3:08:00 PM	Turbidity	n/a	=	41	NTU	EPA 180.1	0.17	1	WKL	
MO-SPA	2021/22-3	Wet	3/28/2022 2:15:00 PM	4/2/2022 11:00:00 AM	Volatile Suspended Solids	n/a	=	52	mg/L	EPA 160.4	3.1	5	WKL	
MO-SPA	2021/22-3	Wet	3/28/2022 2:15:00 PM	4/1/2022 9:17:00 AM	Diesel Range Organics	n/a	=	0.75	mg/L	EPA 8015B	0.14	0.2	WKL	
MO-SPA	2021/22-3	Wet	3/28/2022 2:15:00 PM	4/1/2022 9:17:00 AM	Oil Range Organics	n/a	DNQ	0.68	mg/L	EPA 8015B	0.66	1	WKL	
MO-SPA	2021/22-3	Wet	3/28/2022 2:15:00 PM	4/7/2022 12:54:00 PM	Aluminum	Dissolved	=	38	µg/L	EPA 200.8	4.4	20	WKL	
MO-SPA	2021/22-3	Wet	3/28/2022 2:15:00 PM	4/7/2022 12:56:00 PM	Aluminum	Total	=	2300	µg/L	EPA 200.8	4.4	20	WKL	
MO-SPA	2021/22-3	Wet	3/28/2022 2:15:00 PM	4/7/2022 12:54:00 PM	Antimony	Dissolved	=	0.53	µg/L	EPA 200.8	0.089	0.5	WKL	
MO-SPA	2021/22-3	Wet	3/28/2022 2:15:00 PM	4/7/2022 12:56:00 PM	Antimony	Total	=	1.3	µg/L	EPA 200.8	0.089	0.5	WKL	
MO-SPA	2021/22-3	Wet	3/28/2022 2:15:00 PM	4/7/2022 12:54:00 PM	Arsenic	Dissolved	=	0.68	µg/L	EPA 200.8	0.074	0.4	WKL	
MO-SPA	2021/22-3	Wet	3/28/2022 2:15:00 PM	4/7/2022 12:56:00 PM	Arsenic	Total	=	1.6	µg/L	EPA 200.8	0.074	0.4	WKL	
MO-SPA	2021/22-3	Wet	3/28/2022 2:15:00 PM	4/7/2022 12:56:00 PM	Barium	Total	=	53	µg/L	EPA 200.8	0.14	1	WKL	
MO-SPA	2021/22-3	Wet	3/28/2022 2:15:00 PM	4/7/2022 12:56:00 PM	Beryllium	Dissolved	<	0.062	µg/L	EPA 200.8	0.062	0.1	WKL	
MO-SPA	2021/22-3	Wet	3/28/2022 2:15:00 PM	4/7/2022 12:56:00 PM	Beryllium	Total	=	0.13	µg/L	EPA 200.8	0.029	0.1	WKL	
MO-SPA	2021/22-3	Wet	3/28/2022 2:15:00 PM	4/7/2022 12:54:00 PM	Cadmium	Dissolved	DNQ	0.082	µg/L	EPA 200.8	0.042	0.2	WKL	
MO-SPA	2021/22-3	Wet	3/28/2022 2:15:00 PM	4/7/2022 12:56:00 PM	Cadmium	Total	=	0.32	µg/L	EPA 200.8	0.042	0.2	WKL	
MO-SPA	2021/22-3	Wet	3/28/2022 2:15:00 PM	4/7/2022 12:54:00 PM	Chromium	Dissolved	=	1.6	µg/L	EPA 200.8	0.089	0.2	WKL	
MO-SPA	2021/22-3	Wet	3/28/2022 2:15:00 PM	4/7/2022 12:56:00 PM	Chromium	Total	=	5.5	µg/L	EPA 200.8	0.089	0.2	WKL	
MO-SPA	2021/22-3	Wet	3/28/2022 2:15:00 PM	4/6/2022 3:51:00 PM	Chromium VI	n/a	=	1.1	µg/L	EPA 218.6	0.0079	0.02	WKL	
MO-SPA	2021/22-3	Wet	3/28/2022 2:15:00 PM	4/7/2022 12:54:00 PM	Copper	Dissolved	=	11	µg/L	EPA 200.8	0.23	0.5	WKL	
MO-SPA	2021/22-3	Wet	3/28/2022 2:15:00 PM	4/7/2022 12:56:00 PM	Copper	Total	=	23	µg/L	EPA 200.8	0.23	0.5	WKL	
MO-SPA	2021/22-3	Wet	3/28/2022 2:15:00 PM	4/7/2022 12:54:00 PM	Iron	Dissolved	=	70	µg/L	EPA 200.8	3.9	20	WKL	
MO-SPA	2021/22-3	Wet	3/28/2022 2:15:00 PM	4/7/2022 12:56:00 PM	Iron	Total	=	3200	µg/L	EPA 200.8	3.9	20	WKL	
MO-SPA	2021/22-3	Wet	3/28/2022 2:15:00 PM	4/7/2022 12:54:00 PM	Lead	Dissolved	=	0.98	µg/L	EPA 200.8	0.083	0.2	WKL	
MO-SPA	2021/22-3	Wet	3/28/2022 2:15:00 PM	4/7/2022 12:56:00 PM	Lead	Total	=	12	µg/L	EPA 200.8	0.083	0.2	WKL	
MO-SPA	2021/22-3	Wet	3/28/2022 2:15:00 PM	3/31/2022 11:31:00 AM	Mercury	Dissolved	<	17	ng/L	EPA 245.1	17	50	WKL	
MO-SPA	2021/22-3	Wet	3/28/2022 2:15:00 PM	3/31/2022 11:33:00 AM	Mercury	Total	DNQ	44	ng/L	EPA 245.1	17	50	WKL	
MO-SPA	2021/22-3	Wet	3/28/2022 2:15:00 PM	4/7/2022 12:54:00 PM	Nickel	Dissolved	=	2.8	µg/L	EPA 200.8	0.16	2	WKL	
MO-SPA	2021/22-3	Wet	3/28/2022 2:15:00 PM	4/7/2022 12:56:00 PM	Nickel	Total	=	6.8	µg/L	EPA 200.8	0.16	2	WKL	
MO-SPA	2021/22-3	Wet	3/28/2022 2:15:00 PM	4/7/2022 12:54:00 PM	Selenium	Dissolved	DNQ	0.24	µg/L	EPA 200.8	0.067	0.4	WKL	
MO-SPA	2021/22-3	Wet	3/28/2022 2:15:00 PM	4/7/2022 12:56:00 PM	Selenium	Total	DNQ	0.32	µg/L	EPA 200.8	0.067	0.4	WKL	
MO-SPA	2021/22-3	Wet	3/28/2022 2:15:00 PM	4/7/2022 12:54:00 PM	Silver	Dissolved	<	0.03	µg/L	EPA 200.8	0.03	0.2	WKL	
MO-SPA	2021/22-3	Wet	3/28/2022 2:15:00 PM	4/7/2022 12:56:00 PM	Silver	Total	<	0.13	µg/L	EPA 200.8	0.13	0.2	WKL	
MO-SPA	2021/22-3	Wet	3/28/2022 2:15:00 PM	4/7/2022 12:54:00 PM	Thallium	Dissolved	<	0.021	µg/L	EPA 200.8	0.021	0.2	WKL	
MO-SPA	2021/22-3	Wet	3/28/2022 2:15:00 PM	4/7/2022 12:56:00 PM	Thallium	Total	DNQ	0.031	µg/L	EPA 200.8	0.021	0.2	WKL	
MO-SPA	2021/22-3	Wet	3/28/2022 2:15:00 PM	4/7/2022 12:54:00 PM	Zinc	Dissolved	=	47	µg/L	EPA 200.8	0.8	10	WKL	
MO-SPA	2021/22-3	Wet	3/28/2022 2:15:00 PM	4/7/2022 12:56:00 PM	Zinc	Total	=	120	µg/L	EPA 200.8	1.7	10	WKL	
MO-SPA	2021/22-3	Wet	3/28/2022 2:15:00 PM	4/4/2022 4:12:00 PM	Ammonia as N	n/a	=	0.71	mg/L	EPA 350.1	0.017	0.1	WKL	
MO-SPA	2021/22-3	Wet	3/28/2022 2:15:00 PM	4/9/2022 3:02:00 PM	Nitrate + Nitrite as N	n/a	=	0.72	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-SPA	2021/22-3	Wet	3/28/2022 2:15:00 PM	4/7/2022 6:16:00 PM	Phosphorus as P	Dissolved	=	0.37	mg/L	EPA 200.7	0.018	0.05	WKL	
MO-SPA	2021/22-3	Wet	3/28/2022 2:15:00 PM	4/7/2022 6:19:00 PM	Phosphorus as P	Total	=	0.53	mg/L	EPA 200.7	0.018	0.05	WKL	
MO-SPA	2021/22-3	Wet	3/28/2022 2:15:00 PM	4/6/2022 4:25:00 PM	TKN	n/a	=	2.7	mg/L	EPA 351.2	0.13	0.2	WKL	
MO-SPA	2021/22-3	Wet	3/28/2022 2:15:00 PM	4/28/2022 4:01:00 AM	1,2,4-Trichlorobenzene	n/a	<	2.4	µg/L	EPA 625.1	2.4	5	WKL	
MO-SPA	2021/22-3	Wet	3/28/2022 2:15:00 PM	4/28/2022 4:01:00 AM	1,2-Dichlorobenzene	n/a	<	2.3	µg/L	EPA 625.1	2.3	5	WKL	
MO-SPA	2021/22-3	Wet	3/28/2022 2:15:00 PM	4/28/2022 4:01:00 AM	1,2-Diphenylhydrazine	n/a	<	1.5	µg/L	EPA 625.1	1.5	5	WKL	
MO-SPA	2021/22-3	Wet	3/28/2022 2:15:00 PM	4/28/2022 4:01:00 AM	1,3-Dichlorobenzene	n/a	<	2.1	µg/L	EPA 625.1	2.1	5	WKL	
MO-SPA	2021/22-3	Wet	3/28/2022 2:15:00 PM	4/28/2022 4:01:00 AM	1,4-Dichlorobenzene	n/a	<	2.4	µg/L	EPA 625.1	2.4	5	WKL	
MO-SPA	2021/22-3	Wet	3/28/2022 2:15:00 PM	4/20/2022 10:29:00 AM	1-Methylnaphthalene	n/a	<	0.12	µg/L	EPA 8270C	0.12	0.5	WKL	
MO-SPA	2021/22-3	Wet	3/28/2022 2:15:00 PM	4/29/2022 8:40:00 AM	2,4,5-Trichlorophenol	n/a	<	1.4	µg/L	EPA 8270C	1.4	5	WKL	
MO-SPA	2021/22-3	Wet	3/28/2022 2:15:00 PM	4/29/2022 8:40:00 AM	2,4,6-Trichlorophenol	n/a	<	1.5	µg/L	EPA 8270C	1.5	5	WKL	
MO-SPA	2021/22-3	Wet	3/28/2022 2:15:00 PM	4/28/2022 4:01:00 AM	2,4,6-Trichlorophenol	n/a	<	1.1	µg/L	EPA 625.1	1.1	5	WKL	
MO-SPA	2021/22-3	Wet	3/28/2022 2:15:00 PM	4/28/2022 4:01:00 AM	2,4-Dichlorophenol	n/a	<	1.3	µg/L	EPA 625.1	1.3	5	WKL	
MO-SPA	2021/22-3	Wet	3/28/2022 2:15:00 PM	4/29/2022 8:40:00 AM	2,4-Dichlorophenol	n/a	<	2.6	µg/L	EPA 8270C	2.6	5	WKL	
MO-SPA	2021/22-3	Wet	3/28/2022 2:15:00 PM	4/28/2022 4:01:00 AM	2,4-Dimethylphenol	n/a	<	3.8	µg/L	EPA 625.1	3.8	5	WKL	
MO-SPA	2021/22-3	Wet	3/28/2022 2:15:00 PM	4/29/2022 8:40:00 AM	2,4-Dimethylphenol	n/a	<	5	µg/L	EPA 8270C	5	10	WKL	
MO-SPA	2021/22-3	Wet	3/28/2022 2:15:00 PM	4/28/2022 4:01:00 AM	2,4-Dinitrophenol	n/a	<	9.4	µg/L	EPA 625.1	9.4	50	WKL	
MO-SPA	2021/22-3	Wet	3/28/2022 2:15:00 PM	4/29/2022 8:40:00 AM	2,4-Dinitrophenol	n/a	<	5	µg/L	EPA 8270C	5	10	WKL	
MO-SPA	2021/22-3	Wet	3/28/2022 2:15:00 PM	4/28/2022 4:01:00 AM	2,4-Dinitrotoluene	n/a	<	2.3	µg/L	EPA 625.1	2.3	5	WKL	
MO-SPA	2021/22-3	Wet	3/28/2022 2:15:00 PM	4/28/2022 4:01:00 AM	2,6-Dinitrotoluene	n/a	<	1.4	µg/L	EPA 625.1	1.4	5	WKL	
MO-SPA	2021/22-3	Wet	3/28/2022 2:15:00 PM	4/28/2022 4:01:00 AM	2-Chloronaphthalene	n/a	<	2.2	µg/L	EPA 625.1	2.2	5	WKL	
MO-SPA	2021/22-3	Wet	3/28/2022 2:15:00 PM	4/28/2022 4:01:00 AM	2-Chlorophenol	n/a	<	1.4	µg/L	EPA 625.1	1.4	5	WKL	
MO-SPA	2021/22-3	Wet	3/28/2022 2:15:00 PM	4/29/2022 8:40:00 AM	2-Chlorophenol	n/a	<	3.2	µg/L	EPA 8270C	3.2	5	WKL	
MO-SPA	2021/22-3	Wet	3/28/2022 2:15:00 PM	4/20/2022 10:29:00 AM	2-Methylnaphthalene	n/a	<	0.13	µg/L	EPA 8270C	0.13	0.5	WKL	
MO-SPA	2021/22-3	Wet	3/28/2022 2:15:00 PM	4/29/2022 8:40:00 AM	2-Methylphenol	n/a	<	1.7	µg/L	EPA 8270C	1.7	5	WKL	
MO-SPA	2021/22-3	Wet	3/28/2022 2:15:00 PM	4/28/2022 4:01:00 AM	2-Nitrophenol	n/a	<	1.3	µg/L	EPA 625.1	1.3	5	WKL	
MO-SPA	2021/22-3	Wet	3/28/2022 2:15:00 PM	4/29/2022 8:40:00 AM	2-Nitrophenol	n/a	<	3.6	µg/L	EPA 8270C	3.6	5	WKL	
MO-SPA	2021/22-3	Wet	3/28/2022 2:15:00 PM	4/28/2022 4:01:00 AM	3,3'-Dichlorobenzidine	n/a	<	12	µg/L	EPA 625.1	12	25	WKL	
MO-SPA	2021/22-3	Wet	3/28/2022 2:15:00 PM	4/29/2022 8:40:00 AM	3-4-Methylphenol	n/a	<	1.5	µg/L	EPA 8270C	1.5	5	WKL	
MO-SPA	2021/22-3	Wet	3/28/2022 2:15:00 PM	4/29/2022 8:40:00 AM	4,6-Dinitro-2-methylphenol	n/a	<	0.7	µg/L	EPA 8270C	0.7	5	WKL	
MO-SPA	2021/22-3	Wet	3/28/2022 2:15:00 PM	4/28/2022 4:01:00 AM	4,6-Dinitro-2-methylphenol	n/a	<	2.5	µg/L	EPA 625.1	2.5	25	WKL	
MO-SPA	2021/22-3	Wet	3/28/2022 2:15:00 PM	4/28/2022 4:01:00 AM	4-Bromophenyl phenyl ether	n/a	<	1.8	µg/L	EPA 625.1	1.8	5	WKL	
MO-SPA	2021/22-3	Wet	3/28/2022 2:15:00 PM	4/29/2022 8:40:00 AM	4-Chloro-3-methylphenol	n/a	<	1.8	µg/L	EPA 8270C	1.8	5	WKL	
MO-SPA	2021/22-3	Wet	3/28/2022 2:15:00 PM	4/28/2022 4:01:00 AM	4-Chloro-3-methylphenol	n/a	<	1.2	µg/L	EPA 625.1	1.2	5	WKL	
MO-SPA	2021/22-3	Wet	3/28/2022 2:15:00 PM	4/28/2022 4:01:00 AM	4-Chlorophenyl phenyl ether	n/a	<	2	µg/L	EPA 625.1	2	5	WKL	
MO-SPA	2021/22-3	Wet	3/28/2022 2:15:00 PM	4/28/2022 4:01:00 AM	4-Nitrophenol	n/a	<	6.2	µg/L	EPA 625.1	6.2	25	WKL	
MO-SPA	2021/22-3	Wet	3/28/2022 2:15:00 PM	4/29/2022 8:40:00 AM	4-Nitrophenol	n/a	<	5	µg/L	EPA 8270C	5	10	WKL	
MO-SPA	2021/22-3	Wet	3/28/2022 2:15:00 PM	4/28/2022 4:01:00 AM	Acenaphthene	n/a	<	1.9	µg/L	EPA 625.1	1.9	5	WKL	
MO-SPA	2021/22-3	Wet	3/28/2022 2:15:00 PM	4/20/2022 10:29:00 AM	Acenaphthene	n/a	<	0.14	µg/L	EPA 8270C	0.14	0.5	WKL	
MO-SPA	2021/22-3	Wet	3/28/2022 2:15:00 PM	4/20/2022 10:29:00 AM	Acenaphthylene	n/a	<	0.16	µg/L	EPA 8270C	0.16	0.5	WKL	
MO-SPA	2021/22-3	Wet	3/28/2022 2:15:00 PM	4/28/2022 4:01:00 AM	Acenaphthylene	n/a	<	1.8	µg/L	EPA 625.1	1.8	5	WKL	
MO-SPA	2021/22-3	Wet	3/28/2022 2:15:00 PM	4/20/2022 10:29:00 AM	Anthracene	n/a	DNQ	0.15	µg/L	EPA 8270C	0.12	0.5	WKL	
MO-SPA	2021/22-3	Wet	3/28/2022 2:15:00 PM	4/28/2022 4:01:00 AM	Anthracene	n/a	<	2	µg/L	EPA 625.1	2	5	WKL	
MO-SPA	2021/22-3	Wet	3/28/2022 2:15:00 PM	4/28/2022 4:01:00 AM	Benz(a)anthracene	n/a	<	0.95	µg/L	EPA 625.1	0.95	5	WKL	
MO-SPA	2021/22-3	Wet	3/28/2022 2:15:00 PM	4/20/2022 10:29:00 AM	Benz(a)anthracene	n/a	<	0.26	µg/L	EPA 8270C	0.26	0.5	WKL	
MO-SPA	2021/22-3	Wet	3/28/2022 2:15:00 PM	4/28/2022 4:01:00 AM	Benzenzidine	n/a	<	16	µg/L	EPA 625.1	16	50	WKL	
MO-SPA	2021/22-3	Wet	3/28/2022 2:15:00 PM	4/1/2022 12:05:00 AM	Benzo(a)pyrene	n/a	<	0.1	µg/L	EPA 525.2	0.1	0.5	WKL	
MO-SPA	2021/22-3	Wet	3/28/2022 2:15:00 PM	4/28/2022 4:01:00 AM	Benzo(a)pyrene	n/a	<	2	µg/L	EPA 625.1	2	5	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-SPA	2021/22-3	Wet	3/28/2022 2:15:00 PM	4/20/2022 10:29:00 AM	Benzo(a)pyrene	n/a	DNQ	0.3	µg/L	EPA 8270C	0.26	0.5	WKL	
MO-SPA	2021/22-3	Wet	3/28/2022 2:15:00 PM	4/28/2022 4:01:00 AM	Benzo(b)fluoranthene	n/a	<	2.3	µg/L	EPA 625.1	2.3	5	WKL	
MO-SPA	2021/22-3	Wet	3/28/2022 2:15:00 PM	4/20/2022 10:29:00 AM	Benzo(b)fluoranthene	n/a	<	0.37	µg/L	EPA 8270C	0.37	0.5	WKL	
MO-SPA	2021/22-3	Wet	3/28/2022 2:15:00 PM	4/20/2022 10:29:00 AM	Benzo(g,h,i)perylene	n/a	DNQ	0.28	µg/L	EPA 8270C	0.25	0.5	WKL	
MO-SPA	2021/22-3	Wet	3/28/2022 2:15:00 PM	4/28/2022 4:01:00 AM	Benzo(g,h,i)perylene	n/a	<	2.1	µg/L	EPA 625.1	2.1	10	WKL	
MO-SPA	2021/22-3	Wet	3/28/2022 2:15:00 PM	4/28/2022 4:01:00 AM	Benzo(k)fluoranthene	n/a	<	1.1	µg/L	EPA 625.1	1.1	5	WKL	
MO-SPA	2021/22-3	Wet	3/28/2022 2:15:00 PM	4/20/2022 10:29:00 AM	Benzo(k)fluoranthene	n/a	DNQ	0.22	µg/L	EPA 8270C	0.13	0.5	WKL	UL-MB
MO-SPA	2021/22-3	Wet	3/28/2022 2:15:00 PM	4/28/2022 4:01:00 AM	Bis(2-chloroethoxy)methane	n/a	<	1.2	µg/L	EPA 625.1	1.2	5	WKL	
MO-SPA	2021/22-3	Wet	3/28/2022 2:15:00 PM	4/28/2022 4:01:00 AM	Bis(2-chloroethyl)ether	n/a	<	1.4	µg/L	EPA 625.1	1.4	5	WKL	
MO-SPA	2021/22-3	Wet	3/28/2022 2:15:00 PM	4/28/2022 4:01:00 AM	Bis(2-chloroisopropyl)ether	n/a	<	1.9	µg/L	EPA 625.1	1.9	5	WKL	
MO-SPA	2021/22-3	Wet	3/28/2022 2:15:00 PM	4/1/2022 12:05:00 AM	Bis(2-ethylhexyl)adipate	n/a	<	2.1	µg/L	EPA 525.2	2.1	25	WKL	
MO-SPA	2021/22-3	Wet	3/28/2022 2:15:00 PM	4/1/2022 12:05:00 AM	Bis(2-ethylhexyl)phthalate	n/a	DNQ	2	µg/L	EPA 525.2	2	15	WKL	
MO-SPA	2021/22-3	Wet	3/28/2022 2:15:00 PM	4/28/2022 4:01:00 AM	Bis(2-ethylhexyl)phthalate	n/a	<	12	µg/L	EPA 625.1	12	25	WKL	
MO-SPA	2021/22-3	Wet	3/28/2022 2:15:00 PM	4/28/2022 4:01:00 AM	Butyl benzyl phthalate	n/a	<	2.5	µg/L	EPA 625.1	2.5	5	WKL	
MO-SPA	2021/22-3	Wet	3/28/2022 2:15:00 PM	4/28/2022 4:01:00 AM	Chrysene	n/a	<	0.95	µg/L	EPA 625.1	0.95	5	WKL	
MO-SPA	2021/22-3	Wet	3/28/2022 2:15:00 PM	4/20/2022 10:29:00 AM	Chrysene	n/a	<	0.37	µg/L	EPA 8270C	0.37	0.5	WKL	
MO-SPA	2021/22-3	Wet	3/28/2022 2:15:00 PM	4/28/2022 4:01:00 AM	Dibenz(a,h)anthracene	n/a	<	0.75	µg/L	EPA 625.1	0.75	10	WKL	
MO-SPA	2021/22-3	Wet	3/28/2022 2:15:00 PM	4/20/2022 10:29:00 AM	Dibenz(a,h)anthracene	n/a	DNQ	0.31	µg/L	EPA 8270C	0.18	0.5	WKL	UL-MB
MO-SPA	2021/22-3	Wet	3/28/2022 2:15:00 PM	4/28/2022 4:01:00 AM	Diethyl phthalate	n/a	<	1.7	µg/L	EPA 625.1	1.7	5	WKL	
MO-SPA	2021/22-3	Wet	3/28/2022 2:15:00 PM	4/28/2022 4:01:00 AM	Dimethyl phthalate	n/a	<	0.9	µg/L	EPA 625.1	0.9	5	WKL	
MO-SPA	2021/22-3	Wet	3/28/2022 2:15:00 PM	4/28/2022 4:01:00 AM	Di-n-butylphthalate	n/a	<	1.7	µg/L	EPA 625.1	1.7	5	WKL	
MO-SPA	2021/22-3	Wet	3/28/2022 2:15:00 PM	4/28/2022 4:01:00 AM	Di-n-octylphthalate	n/a	<	2.3	µg/L	EPA 625.1	2.3	5	WKL	
MO-SPA	2021/22-3	Wet	3/28/2022 2:15:00 PM	4/28/2022 4:01:00 AM	Fluoranthene	n/a	<	1.7	µg/L	EPA 625.1	1.7	5	WKL	
MO-SPA	2021/22-3	Wet	3/28/2022 2:15:00 PM	4/20/2022 10:29:00 AM	Fluoranthene	n/a	DNQ	0.38	µg/L	EPA 8270C	0.2	0.5	WKL	
MO-SPA	2021/22-3	Wet	3/28/2022 2:15:00 PM	4/28/2022 4:01:00 AM	Fluorene	n/a	<	1.8	µg/L	EPA 625.1	1.8	5	WKL	
MO-SPA	2021/22-3	Wet	3/28/2022 2:15:00 PM	4/20/2022 10:29:00 AM	Fluorene	n/a	<	0.14	µg/L	EPA 8270C	0.14	0.5	WKL	
MO-SPA	2021/22-3	Wet	3/28/2022 2:15:00 PM	4/28/2022 4:01:00 AM	Hexachlorobenzene	n/a	<	2.4	µg/L	EPA 625.1	2.4	5	WKL	
MO-SPA	2021/22-3	Wet	3/28/2022 2:15:00 PM	4/28/2022 4:01:00 AM	Hexachlorobutadiene	n/a	<	2.4	µg/L	EPA 625.1	2.4	5	WKL	
MO-SPA	2021/22-3	Wet	3/28/2022 2:15:00 PM	4/1/2022 12:05:00 AM	Hexachlorocyclopentadiene	n/a	<	0.46	µg/L	EPA 525.2	0.46	5	WKL	
MO-SPA	2021/22-3	Wet	3/28/2022 2:15:00 PM	4/28/2022 4:01:00 AM	Hexachlorocyclopentadiene	n/a	<	1.6	µg/L	EPA 625.1	1.6	25	WKL	
MO-SPA	2021/22-3	Wet	3/28/2022 2:15:00 PM	4/28/2022 4:01:00 AM	Hexachloroethane	n/a	<	2.5	µg/L	EPA 625.1	2.5	5	WKL	
MO-SPA	2021/22-3	Wet	3/28/2022 2:15:00 PM	4/20/2022 10:29:00 AM	Indeno(1,2,3-cd)pyrene	n/a	DNQ	0.32	µg/L	EPA 8270C	0.32	0.5	WKL	
MO-SPA	2021/22-3	Wet	3/28/2022 2:15:00 PM	4/28/2022 4:01:00 AM	Indeno(1,2,3-cd)pyrene	n/a	<	1.2	µg/L	EPA 625.1	1.2	10	WKL	
MO-SPA	2021/22-3	Wet	3/28/2022 2:15:00 PM	4/28/2022 4:01:00 AM	Isophorone	n/a	<	1	µg/L	EPA 625.1	1	5	WKL	
MO-SPA	2021/22-3	Wet	3/28/2022 2:15:00 PM	4/28/2022 4:01:00 AM	Naphthalene	n/a	<	2.4	µg/L	EPA 625.1	2.4	5	WKL	
MO-SPA	2021/22-3	Wet	3/28/2022 2:15:00 PM	4/20/2022 10:29:00 AM	Naphthalene	n/a	<	0.13	µg/L	EPA 8270C	0.13	0.5	WKL	
MO-SPA	2021/22-3	Wet	3/28/2022 2:15:00 PM	4/28/2022 4:01:00 AM	Nitrobenzene	n/a	<	1.8	µg/L	EPA 625.1	1.8	5	WKL	
MO-SPA	2021/22-3	Wet	3/28/2022 2:15:00 PM	4/28/2022 4:01:00 AM	N-Nitrosodimethylamine	n/a	<	2.5	µg/L	EPA 625.1	2.5	5	WKL	
MO-SPA	2021/22-3	Wet	3/28/2022 2:15:00 PM	4/28/2022 4:01:00 AM	N-Nitrosodi-N-propylamine	n/a	<	1.3	µg/L	EPA 625.1	1.3	5	WKL	
MO-SPA	2021/22-3	Wet	3/28/2022 2:15:00 PM	4/28/2022 4:01:00 AM	N-Nitrosodiphenylamine	n/a	<	0.95	µg/L	EPA 625.1	0.95	5	WKL	
MO-SPA	2021/22-3	Wet	3/28/2022 2:15:00 PM	4/28/2022 4:01:00 AM	Phenanthrene	n/a	<	1.6	µg/L	EPA 625.1	1.6	5	WKL	
MO-SPA	2021/22-3	Wet	3/28/2022 2:15:00 PM	4/20/2022 10:29:00 AM	Phenanthrene	n/a	DNQ	0.21	µg/L	EPA 8270C	0.14	0.5	WKL	
MO-SPA	2021/22-3	Wet	3/28/2022 2:15:00 PM	4/29/2022 8:40:00 AM	Phenol	n/a	<	1.8	µg/L	EPA 8270C	1.8	5	WKL	
MO-SPA	2021/22-3	Wet	3/28/2022 2:15:00 PM	4/28/2022 4:01:00 AM	Phenol	n/a	<	4.1	µg/L	EPA 625.1	4.1	5	WKL	
MO-SPA	2021/22-3	Wet	3/28/2022 2:15:00 PM	4/20/2022 10:29:00 AM	Pyrene	n/a	DNQ	0.33	µg/L	EPA 8270C	0.2	0.5	WKL	
MO-SPA	2021/22-3	Wet	3/28/2022 2:15:00 PM	4/28/2022 4:01:00 AM	Pyrene	n/a	<	1.2	µg/L	EPA 625.1	1.2	5	WKL	
MO-SPA	2021/22-3	Wet	3/28/2022 2:15:00 PM	4/10/2022 3:14:00 AM	PCB Aroclor 1016	n/a	<	2.5	µg/L	EPA 608.3	2.5	2.5	WKL	
MO-SPA	2021/22-3	Wet	3/28/2022 2:15:00 PM	4/10/2022 3:14:00 AM	PCB Aroclor 1221	n/a	<	2.5	µg/L	EPA 608.3	2.5	2.5	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-SPA	2021/22-3	Wet	3/28/2022 2:15:00 PM	4/10/2022 3:14:00 AM	PCB Aroclor 1232	n/a	<	2.5	µg/L	EPA 608.3	2.5	2.5	WKL	
MO-SPA	2021/22-3	Wet	3/28/2022 2:15:00 PM	4/10/2022 3:14:00 AM	PCB Aroclor 1242	n/a	<	2.5	µg/L	EPA 608.3	2.5	2.5	WKL	
MO-SPA	2021/22-3	Wet	3/28/2022 2:15:00 PM	4/10/2022 3:14:00 AM	PCB Aroclor 1248	n/a	<	2.5	µg/L	EPA 608.3	2.5	2.5	WKL	
MO-SPA	2021/22-3	Wet	3/28/2022 2:15:00 PM	4/10/2022 3:14:00 AM	PCB Aroclor 1254	n/a	<	2.5	µg/L	EPA 608.3	2.5	2.5	WKL	
MO-SPA	2021/22-3	Wet	3/28/2022 2:15:00 PM	4/10/2022 3:14:00 AM	PCB Aroclor 1260	n/a	<	2.5	µg/L	EPA 608.3	2.5	2.5	WKL	
MO-SPA	2021/22-3	Wet	3/28/2022 2:15:00 PM	4/1/2022 5:30:00 AM	2,4,5-T	n/a	<	0.03	µg/L	EPA 515.4	0.03	0.2	WKL	
MO-SPA	2021/22-3	Wet	3/28/2022 2:15:00 PM	4/1/2022 5:30:00 AM	2,4,5-TP	n/a	<	0.026	µg/L	EPA 515.4	0.026	0.2	WKL	
MO-SPA	2021/22-3	Wet	3/28/2022 2:15:00 PM	4/1/2022 5:30:00 AM	2,4-D	n/a	=	1.1	µg/L	EPA 515.4	0.14	0.4	WKL	
MO-SPA	2021/22-3	Wet	3/28/2022 2:15:00 PM	4/1/2022 5:30:00 AM	2,4-DB	n/a	<	3	µg/L	EPA 515.4	3	3	WKL	
MO-SPA	2021/22-3	Wet	3/28/2022 2:15:00 PM	4/1/2022 5:30:00 AM	3,5-Dichlorobenzoic acid	n/a	<	1	µg/L	EPA 515.4	1	1	WKL	
MO-SPA	2021/22-3	Wet	3/28/2022 2:15:00 PM	4/10/2022 3:14:00 AM	4,4'-DDD	n/a	<	0.0035	µg/L	EPA 608.3	0.0035	0.25	WKL	
MO-SPA	2021/22-3	Wet	3/28/2022 2:15:00 PM	4/10/2022 3:14:00 AM	4,4'-DDE	n/a	DNQ	0.014	µg/L	EPA 608.3	0.0035	0.25	WKL	
MO-SPA	2021/22-3	Wet	3/28/2022 2:15:00 PM	4/10/2022 3:14:00 AM	4,4'-DDT	n/a	<	0.05	µg/L	EPA 608.3	0.05	0.05	WKL	
MO-SPA	2021/22-3	Wet	3/28/2022 2:15:00 PM	4/1/2022 5:30:00 AM	Acifluorfen	n/a	<	0.4	µg/L	EPA 515.4	0.4	0.4	WKL	
MO-SPA	2021/22-3	Wet	3/28/2022 2:15:00 PM	4/1/2022 12:05:00 AM	Alachlor	n/a	<	0.15	µg/L	EPA 525.2	0.15	0.5	WKL	
MO-SPA	2021/22-3	Wet	3/28/2022 2:15:00 PM	4/10/2022 3:14:00 AM	Aldrin	n/a	<	0.005	µg/L	EPA 608.3	0.005	0.025	WKL	
MO-SPA	2021/22-3	Wet	3/28/2022 2:15:00 PM	4/10/2022 3:14:00 AM	alpha-BHC	n/a	<	0.0055	µg/L	EPA 608.3	0.0055	0.05	WKL	
MO-SPA	2021/22-3	Wet	3/28/2022 2:15:00 PM	4/10/2022 3:14:00 AM	alpha-Chlordane	n/a	<	0.014	µg/L	EPA 608.3	0.014	0.05	WKL	
MO-SPA	2021/22-3	Wet	3/28/2022 2:15:00 PM	4/1/2022 12:05:00 AM	Atrazine	n/a	<	0.054	µg/L	EPA 525.2	0.054	0.5	WKL	
MO-SPA	2021/22-3	Wet	3/28/2022 2:15:00 PM	4/8/2022 12:31:00 AM	Azinphos methyl	n/a	<	0.011	µg/L	EPA 625.1m	0.011	0.02	WKL	
MO-SPA	2021/22-3	Wet	3/28/2022 2:15:00 PM	4/1/2022 5:30:00 AM	Bentazon	n/a	<	2	µg/L	EPA 515.4	2	2	WKL	
MO-SPA	2021/22-3	Wet	3/28/2022 2:15:00 PM	4/10/2022 3:14:00 AM	beta-BHC	n/a	<	0.0075	µg/L	EPA 608.3	0.0075	0.025	WKL	
MO-SPA	2021/22-3	Wet	3/28/2022 2:15:00 PM	4/8/2022 12:31:00 AM	Bolstar	n/a	<	0.0092	µg/L	EPA 625.1m	0.0092	0.02	WKL	
MO-SPA	2021/22-3	Wet	3/28/2022 2:15:00 PM	4/1/2022 12:05:00 AM	Bromacil	n/a	<	0.35	µg/L	EPA 525.2	0.35	2.5	WKL	
MO-SPA	2021/22-3	Wet	3/28/2022 2:15:00 PM	4/1/2022 12:05:00 AM	Butachlor	n/a	<	0.061	µg/L	EPA 525.2	0.061	0.5	WKL	
MO-SPA	2021/22-3	Wet	3/28/2022 2:15:00 PM	4/1/2022 12:05:00 AM	Captan	n/a	<	1.6	µg/L	EPA 525.2	1.6	5	WKL	
MO-SPA	2021/22-3	Wet	3/28/2022 2:15:00 PM	4/10/2022 3:14:00 AM	Chlordane (technical)	n/a	<	0.5	µg/L	EPA 608.3	0.5	0.5	WKL	
MO-SPA	2021/22-3	Wet	3/28/2022 2:15:00 PM	4/1/2022 12:05:00 AM	Chlorpropham	n/a	<	0.2	µg/L	EPA 525.2	0.2	0.5	WKL	
MO-SPA	2021/22-3	Wet	3/28/2022 2:15:00 PM	4/8/2022 12:31:00 AM	Chlorpyrifos	n/a	<	0.014	µg/L	EPA 625.1m	0.014	0.02	WKL	
MO-SPA	2021/22-3	Wet	3/28/2022 2:15:00 PM	4/8/2022 12:31:00 AM	Coumaphos	n/a	<	0.01	µg/L	EPA 625.1m	0.01	0.02	WKL	
MO-SPA	2021/22-3	Wet	3/28/2022 2:15:00 PM	4/1/2022 5:30:00 AM	Dalapon	n/a	<	0.11	µg/L	EPA 515.4	0.11	0.4	WKL	
MO-SPA	2021/22-3	Wet	3/28/2022 2:15:00 PM	4/1/2022 5:30:00 AM	DCPA (Dacthal)	n/a	<	0.029	µg/L	EPA 515.4	0.029	0.1	WKL	
MO-SPA	2021/22-3	Wet	3/28/2022 2:15:00 PM	4/10/2022 3:14:00 AM	delta-BHC	n/a	<	0.0095	µg/L	EPA 608.3	0.0095	0.025	WKL	
MO-SPA	2021/22-3	Wet	3/28/2022 2:15:00 PM	4/8/2022 12:31:00 AM	Demeton-O	n/a	<	0.02	µg/L	EPA 625.1m	0.02	0.02	WKL	
MO-SPA	2021/22-3	Wet	3/28/2022 2:15:00 PM	4/8/2022 12:31:00 AM	Demeton-S	n/a	<	0.02	µg/L	EPA 625.1m	0.02	0.02	WKL	
MO-SPA	2021/22-3	Wet	3/28/2022 2:15:00 PM	4/8/2022 12:31:00 AM	Diazinon	n/a	<	0.01	µg/L	EPA 625.1m	0.01	0.02	WKL	
MO-SPA	2021/22-3	Wet	3/28/2022 2:15:00 PM	4/1/2022 12:05:00 AM	Diazinon	n/a	<	0.11	µg/L	EPA 525.2	0.11	0.5	WKL	
MO-SPA	2021/22-3	Wet	3/28/2022 2:15:00 PM	4/1/2022 5:30:00 AM	Dicamba	n/a	<	0.049	µg/L	EPA 515.4	0.049	0.6	WKL	
MO-SPA	2021/22-3	Wet	3/28/2022 2:15:00 PM	4/1/2022 5:30:00 AM	Dichlorprop	n/a	<	0.3	µg/L	EPA 515.4	0.3	0.3	WKL	
MO-SPA	2021/22-3	Wet	3/28/2022 2:15:00 PM	4/8/2022 12:31:00 AM	Dichlorvos	n/a	<	0.0058	µg/L	EPA 625.1m	0.0058	0.02	WKL	
MO-SPA	2021/22-3	Wet	3/28/2022 2:15:00 PM	4/10/2022 3:14:00 AM	Dieldrin	n/a	<	0.004	µg/L	EPA 608.3	0.004	0.05	WKL	
MO-SPA	2021/22-3	Wet	3/28/2022 2:15:00 PM	4/1/2022 5:30:00 AM	Dimethoate	n/a	<	0.1	µg/L	EPA 525.2	0.1	1	WKL	
MO-SPA	2021/22-3	Wet	3/28/2022 2:15:00 PM	4/8/2022 12:31:00 AM	Dimethoate	n/a	<	0.012	µg/L	EPA 625.1m	0.012	0.02	WKL	
MO-SPA	2021/22-3	Wet	3/28/2022 2:15:00 PM	4/1/2022 5:30:00 AM	Dinoseb	n/a	<	0.033	µg/L	EPA 515.4	0.033	0.4	WKL	
MO-SPA	2021/22-3	Wet	3/28/2022 2:15:00 PM	4/1/2022 12:05:00 AM	Diphenamid	n/a	<	0.15	µg/L	EPA 525.2	0.15	0.5	WKL	
MO-SPA	2021/22-3	Wet	3/28/2022 2:15:00 PM	4/1/2022 12:05:00 AM	Disulfoton	n/a	<	0.077	µg/L	EPA 525.2	0.077	0.5	WKL	
MO-SPA	2021/22-3	Wet	3/28/2022 2:15:00 PM	4/8/2022 12:31:00 AM	Disulfoton	n/a	<	0.02	µg/L	EPA 625.1m	0.02	0.02	WKL	
MO-SPA	2021/22-3	Wet	3/28/2022 2:15:00 PM	4/10/2022 3:14:00 AM	Endosulfan I	n/a	<	0.0045	µg/L	EPA 608.3	0.0045	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	2021/22-3	Wet	3/28/2022 2:15:00 PM	4/10/2022 3:14:00 AM	Endosulfan II	n/a	<	0.0035	µg/L	EPA 608.3	0.0035	0.05	WKL	
MO-SPA	2021/22-3	Wet	3/28/2022 2:15:00 PM	4/10/2022 3:14:00 AM	Endosulfan sulfate	n/a	<	0.0065	µg/L	EPA 608.3	0.0065	0.25	WKL	
MO-SPA	2021/22-3	Wet	3/28/2022 2:15:00 PM	4/10/2022 3:14:00 AM	Endrin	n/a	<	0.0085	µg/L	EPA 608.3	0.0085	0.05	WKL	
MO-SPA	2021/22-3	Wet	3/28/2022 2:15:00 PM	4/10/2022 3:14:00 AM	Endrin aldehyde	n/a	<	0.0095	µg/L	EPA 608.3	0.0095	0.05	WKL	
MO-SPA	2021/22-3	Wet	3/28/2022 2:15:00 PM	4/1/2022 12:05:00 AM	EPTC	n/a	<	0.1	µg/L	EPA 525.2	0.1	0.5	WKL	
MO-SPA	2021/22-3	Wet	3/28/2022 2:15:00 PM	4/8/2022 12:31:00 AM	Ethoprop	n/a	<	0.013	µg/L	EPA 625.1m	0.013	0.02	WKL	
MO-SPA	2021/22-3	Wet	3/28/2022 2:15:00 PM	4/8/2022 12:31:00 AM	Ethyl parathion	n/a	<	0.011	µg/L	EPA 625.1m	0.011	0.02	WKL	
MO-SPA	2021/22-3	Wet	3/28/2022 2:15:00 PM	4/8/2022 12:31:00 AM	Fensulfothion	n/a	<	0.0058	µg/L	EPA 625.1m	0.0058	0.02	WKL	
MO-SPA	2021/22-3	Wet	3/28/2022 2:15:00 PM	4/8/2022 12:31:00 AM	Fenthion	n/a	<	0.0076	µg/L	EPA 625.1m	0.0076	0.02	WKL	
MO-SPA	2021/22-3	Wet	3/28/2022 2:15:00 PM	4/10/2022 3:14:00 AM	gamma-BHC (Lindane)	n/a	<	0.002	µg/L	EPA 608.3	0.002	0.1	WKL	
MO-SPA	2021/22-3	Wet	3/28/2022 2:15:00 PM	4/10/2022 3:14:00 AM	gamma-Chlordane	n/a	<	0.012	µg/L	EPA 608.3	0.012	0.05	WKL	
MO-SPA	2021/22-3	Wet	3/28/2022 2:15:00 PM	4/4/2022 8:13:00 PM	Glyphosate	n/a	=	60	µg/L	EPA 547	1.8	5	WKL	
MO-SPA	2021/22-3	Wet	3/28/2022 2:15:00 PM	4/10/2022 3:14:00 AM	Heptachlor	n/a	<	0.003	µg/L	EPA 608.3	0.003	0.05	WKL	
MO-SPA	2021/22-3	Wet	3/28/2022 2:15:00 PM	4/10/2022 3:14:00 AM	Heptachlor epoxide	n/a	<	0.002	µg/L	EPA 608.3	0.002	0.05	WKL	
MO-SPA	2021/22-3	Wet	3/28/2022 2:15:00 PM	4/8/2022 12:31:00 AM	Malathion	n/a	=	0.15	µg/L	EPA 625.1m	0.015	0.02	WKL	
MO-SPA	2021/22-3	Wet	3/28/2022 2:15:00 PM	4/8/2022 12:31:00 AM	Merphos	n/a	<	0.012	µg/L	EPA 625.1m	0.012	0.02	WKL	
MO-SPA	2021/22-3	Wet	3/28/2022 2:15:00 PM	4/8/2022 12:31:00 AM	Methyl parathion	n/a	<	0.013	µg/L	EPA 625.1m	0.013	0.02	WKL	
MO-SPA	2021/22-3	Wet	3/28/2022 2:15:00 PM	4/1/2022 12:05:00 AM	Metolachlor	n/a	<	0.15	µg/L	EPA 525.2	0.15	0.5	WKL	
MO-SPA	2021/22-3	Wet	3/28/2022 2:15:00 PM	4/1/2022 12:05:00 AM	Metribuzin	n/a	<	0.15	µg/L	EPA 525.2	0.15	0.5	WKL	
MO-SPA	2021/22-3	Wet	3/28/2022 2:15:00 PM	4/8/2022 12:31:00 AM	Mevinphos	n/a	<	0.0084	µg/L	EPA 625.1m	0.0084	0.02	WKL	
MO-SPA	2021/22-3	Wet	3/28/2022 2:15:00 PM	4/1/2022 12:05:00 AM	Molinate	n/a	<	0.15	µg/L	EPA 525.2	0.15	0.5	WKL	
MO-SPA	2021/22-3	Wet	3/28/2022 2:15:00 PM	4/8/2022 12:31:00 AM	Naled	n/a	<	0.015	µg/L	EPA 625.1m	0.015	0.02	WKL	
MO-SPA	2021/22-3	Wet	3/28/2022 2:15:00 PM	4/29/2022 8:40:00 AM	Pentachlorophenol	n/a	DNQ	2.8	µg/L	EPA 8270C	0.75	5	WKL	
MO-SPA	2021/22-3	Wet	3/28/2022 2:15:00 PM	4/28/2022 4:01:00 AM	Pentachlorophenol	n/a	DNQ	4.5	µg/L	EPA 625.1	2	5	WKL	
MO-SPA	2021/22-3	Wet	3/28/2022 2:15:00 PM	4/1/2022 5:30:00 AM	Pentachlorophenol	n/a	=	0.51	µg/L	EPA 515.4	0.046	0.2	WKL	
MO-SPA	2021/22-3	Wet	3/28/2022 2:15:00 PM	4/8/2022 12:31:00 AM	Phorate	n/a	<	0.006	µg/L	EPA 625.1m	0.006	0.02	WKL	
MO-SPA	2021/22-3	Wet	3/28/2022 2:15:00 PM	4/1/2022 5:30:00 AM	Picloram	n/a	<	0.6	µg/L	EPA 515.4	0.6	0.6	WKL	
MO-SPA	2021/22-3	Wet	3/28/2022 2:15:00 PM	4/1/2022 12:05:00 AM	Prometryn	n/a	<	0.15	µg/L	EPA 525.2	0.15	0.5	WKL	
MO-SPA	2021/22-3	Wet	3/28/2022 2:15:00 PM	4/8/2022 12:31:00 AM	Ronnel (Fenchlorphos)	n/a	<	0.0082	µg/L	EPA 625.1m	0.0082	0.02	WKL	
MO-SPA	2021/22-3	Wet	3/28/2022 2:15:00 PM	4/1/2022 12:05:00 AM	Simazine	n/a	<	0.1	µg/L	EPA 525.2	0.1	0.5	WKL	
MO-SPA	2021/22-3	Wet	3/28/2022 2:15:00 PM	4/8/2022 12:31:00 AM	Stirophos (Tetrachlorvinphos)	n/a	DNQ	0.0064	µg/L	EPA 625.1m	0.0062	0.02	WKL	
MO-SPA	2021/22-3	Wet	3/28/2022 2:15:00 PM	4/1/2022 12:05:00 AM	Terbacil	n/a	<	0.45	µg/L	EPA 525.2	0.45	10	WKL	
MO-SPA	2021/22-3	Wet	3/28/2022 2:15:00 PM	4/1/2022 12:05:00 AM	Thiobencarb	n/a	<	0.15	µg/L	EPA 525.2	0.15	0.5	WKL	
MO-SPA	2021/22-3	Wet	3/28/2022 2:15:00 PM	4/8/2022 12:31:00 AM	Tokuthion	n/a	<	0.016	µg/L	EPA 625.1m	0.016	0.02	WKL	
MO-SPA	2021/22-3	Wet	3/28/2022 2:15:00 PM	4/10/2022 3:14:00 AM	Toxaphene	n/a	<	5	µg/L	EPA 608.3	5	5	WKL	
MO-SPA	2021/22-3	Wet	3/28/2022 2:15:00 PM	4/8/2022 12:31:00 AM	Trichloronate	n/a	<	0.013	µg/L	EPA 625.1m	0.013	0.02	WKL	
MO-SPA	2021/22-3	Wet	3/28/2022 2:15:00 PM	4/1/2022 12:05:00 AM	Trithion	n/a	<	0.1	µg/L	EPA 525.2	0.1	0.5	WKL	
MO-THO	2021/22-1	Wet	10/25/2021 3:10:00 PM	10/26/2021 1:35:00 PM	E. Coli	n/a	=	31800	MPN/100 mL	MMO-MUG	1000	1000	FGL	
MO-THO	2021/22-1	Wet	10/25/2021 3:10:00 PM	10/26/2021 1:35:00 PM	Total Coliform	n/a	=	613100	MPN/100 mL	MMO-MUG	1000	1000	FGL	
MO-THO	2021/22-1	Wet	10/25/2021 3:10:00 PM	10/25/2021 3:10:00 PM	Conductivity	n/a	=	441.7	µmhos/cm	Field Meter	-88	1	Field Crew	
MO-THO	2021/22-1	Wet	10/25/2021 3:10:00 PM	10/28/2021 2:45:00 PM	Cyanide	Total	=	0.0062	mg/L	ASTM D7511	0.0012	0.002	WKL	
MO-THO	2021/22-1	Wet	10/25/2021 3:10:00 PM	10/25/2021 3:10:00 PM	DO	n/a	=	82	%	Field Meter	-88	0.1	Field Crew	
MO-THO	2021/22-1	Wet	10/25/2021 3:10:00 PM	10/25/2021 3:10:00 PM	DO	n/a	=	8.09	mg/L	Field Meter	-88	0.3	Field Crew	
MO-THO	2021/22-1	Wet	10/25/2021 3:10:00 PM	10/25/2021 5:30:00 PM	pH	n/a	*	7.2	pH Units	Field Meter	-88	0.1	Field Crew	EST
MO-THO	2021/22-1	Wet	10/25/2021 3:10:00 PM	10/25/2021 3:10:00 PM	Salinity	n/a	=	300	mg/L	Field Meter	-88	100	Field Crew	
MO-THO	2021/22-1	Wet	10/25/2021 3:10:00 PM	10/25/2021 3:10:00 PM	Specific Conductance	n/a	=	533	µmhos/cm	Field Meter	-88	1	Field Crew	
MO-THO	2021/22-1	Wet	10/25/2021 3:10:00 PM	10/25/2021 3:10:00 PM	Temperature	n/a	=	16	°C	Field Meter	-88	0.1	Field Crew	
MO-THO	2021/22-1	Wet	10/25/2021 3:10:00 PM	10/31/2021 8:33:00 PM	Gasoline Range Organics	n/a	<	0.065	mg/L	EPA 8260B	0.065	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	2021/22-1	Wet	10/25/2021 3:10:00 PM	11/15/2021 5:14:00 PM	Oil and Grease	n/a	DNQ	1.5	mg/L	EPA 1664B	1.3	5	WKL	
MO-THO	2021/22-1	Wet	10/25/2021 3:10:00 PM	10/28/2021 2:10:00 PM	2-Chloroethyl vinyl ether	n/a	<	0.95	µg/L	EPA 624.1	0.95	5	WKL	DG
MO-THO	2021/22-1	Wet	10/25/2021 3:10:00 PM	10/28/2021 2:10:00 PM	Methyl tert-butyl ether (MTBE)	n/a	<	2	µg/L	EPA 624.1	2	5	WKL	DG
MO-THO	2021/22-1	Wet	10/26/2021 7:55:00 AM	11/13/2021 8:31:00 AM	Chloride	n/a	=	120	mg/L	EPA 300.0	0.38	1	WKL	
MO-THO	2021/22-1	Wet	10/26/2021 7:55:00 AM	11/13/2021 8:31:00 AM	Fluoride	n/a	=	0.2	mg/L	EPA 300.0	0.018	0.2	WKL	
MO-THO	2021/22-1	Wet	10/26/2021 7:55:00 AM	10/31/2021 2:37:00 AM	Perchlorate	n/a	<	2	µg/L	EPA 314.0	2	10	WKL	
MO-THO	2021/22-1	Wet	10/26/2021 7:55:00 AM	11/17/2021 7:54:00 PM	Calcium	Total	=	91.5	mg/L	EPA 200.7	0.16	0.5	WKL	
MO-THO	2021/22-1	Wet	10/26/2021 7:55:00 AM	11/17/2021 7:54:00 PM	Magnesium	Total	=	52.3	mg/L	EPA 200.7	0.039	0.5	WKL	
MO-THO	2021/22-1	Wet	10/26/2021 7:55:00 AM	10/29/2021 6:44:00 PM	Alkalinity as CaCO3	n/a	=	140	mg/L	SM 2320 B	2.3	5	WKL	
MO-THO	2021/22-1	Wet	10/26/2021 7:55:00 AM	11/1/2021 6:13:00 PM	BOD	n/a	=	35	mg/L	SM 5210 B	2	2	WKL	
MO-THO	2021/22-1	Wet	10/26/2021 7:55:00 AM	11/10/2021 11:30:00 AM	COD	n/a	=	240	mg/L	EPA 410.4	2.9	5	WKL	
MO-THO	2021/22-1	Wet	10/26/2021 7:55:00 AM	11/17/2021 7:54:00 PM	Hardness as CaCO3	Total	=	444	mg/L	EPA 200.7	0.56	3.31	WKL	
MO-THO	2021/22-1	Wet	10/26/2021 7:55:00 AM	10/27/2021 7:19:00 PM	MBAS	n/a	DNQ	0.037	mg/L	SM 5540 C	0.013	0.05	WKL	
MO-THO	2021/22-1	Wet	10/26/2021 7:55:00 AM	11/9/2021 12:00:00 PM	Phenolics	n/a	=	0.034	mg/L	EPA 420.4	0.0042	0.01	WKL	
MO-THO	2021/22-1	Wet	10/26/2021 7:55:00 AM	10/30/2021 12:13:00 PM	Specific Conductance	n/a	=	940	µmhos/cm	SM 2510 B	1.1	2	WKL	
MO-THO	2021/22-1	Wet	10/26/2021 7:55:00 AM	10/31/2021 1:00:00 PM	Total Dissolved Solids	n/a	=	590	mg/L	SM 2540 C	4	10	WKL	
MO-THO	2021/22-1	Wet	10/26/2021 7:55:00 AM	11/5/2021 2:37:00 PM	Total Organic Carbon	n/a	=	20	mg/L	SM 5310 B	0.19	0.3	WKL	
MO-THO	2021/22-1	Wet	10/26/2021 7:55:00 AM	10/28/2021 7:27:00 PM	Total Suspended Solids	n/a	=	2400	mg/L	SM 2540 D	-88	5	WKL	
MO-THO	2021/22-1	Wet	10/26/2021 7:55:00 AM	10/26/2021 5:18:00 PM	Turbidity	n/a	=	120	NTU	EPA 180.1	0.17	1	WKL	
MO-THO	2021/22-1	Wet	10/26/2021 7:55:00 AM	10/28/2021 7:07:00 PM	Volatile Suspended Solids	n/a	=	490	mg/L	EPA 160.4	3.1	5	WKL	
MO-THO	2021/22-1	Wet	10/26/2021 7:55:00 AM	11/19/2021 8:35:00 AM	Diesel Range Organics	n/a	=	0.52	mg/L	EPA 8015B	0.14	0.2	WKL	EST-LCSRPD
MO-THO	2021/22-1	Wet	10/26/2021 7:55:00 AM	11/19/2021 8:35:00 AM	Oil Range Organics	n/a	<	0.66	mg/L	EPA 8015B	0.66	1	WKL	
MO-THO	2021/22-1	Wet	10/26/2021 7:55:00 AM	11/12/2021 6:32:00 PM	Aluminum	Dissolved	DNQ	11	µg/L	EPA 200.8	4.4	20	WKL	
MO-THO	2021/22-1	Wet	10/26/2021 7:55:00 AM	11/12/2021 6:35:00 PM	Aluminum	Total	=	14000	µg/L	EPA 200.8	4.4	20	WKL	
MO-THO	2021/22-1	Wet	10/26/2021 7:55:00 AM	11/12/2021 6:32:00 PM	Antimony	Dissolved	=	0.75	µg/L	EPA 200.8	0.089	0.5	WKL	
MO-THO	2021/22-1	Wet	10/26/2021 7:55:00 AM	11/12/2021 6:35:00 PM	Antimony	Total	=	1.1	µg/L	EPA 200.8	0.089	0.5	WKL	
MO-THO	2021/22-1	Wet	10/26/2021 7:55:00 AM	11/12/2021 6:32:00 PM	Arsenic	Dissolved	=	2.6	µg/L	EPA 200.8	0.074	0.4	WKL	
MO-THO	2021/22-1	Wet	10/26/2021 7:55:00 AM	11/12/2021 6:35:00 PM	Arsenic	Total	=	6.7	µg/L	EPA 200.8	0.074	0.4	WKL	
MO-THO	2021/22-1	Wet	10/26/2021 7:55:00 AM	11/12/2021 6:35:00 PM	Barium	Total	=	130	µg/L	EPA 200.8	0.14	1	WKL	
MO-THO	2021/22-1	Wet	10/26/2021 7:55:00 AM	11/12/2021 6:32:00 PM	Beryllium	Dissolved	<	0.062	µg/L	EPA 200.8	0.062	0.1	WKL	
MO-THO	2021/22-1	Wet	10/26/2021 7:55:00 AM	11/12/2021 6:35:00 PM	Beryllium	Total	=	0.49	µg/L	EPA 200.8	0.062	0.1	WKL	
MO-THO	2021/22-1	Wet	10/26/2021 7:55:00 AM	11/12/2021 6:32:00 PM	Cadmium	Dissolved	<	0.042	µg/L	EPA 200.8	0.042	0.2	WKL	
MO-THO	2021/22-1	Wet	10/26/2021 7:55:00 AM	11/12/2021 6:35:00 PM	Cadmium	Total	=	1.4	µg/L	EPA 200.8	0.042	0.2	WKL	
MO-THO	2021/22-1	Wet	10/26/2021 7:55:00 AM	11/12/2021 6:32:00 PM	Chromium	Dissolved	=	0.26	µg/L	EPA 200.8	0.089	0.2	WKL	
MO-THO	2021/22-1	Wet	10/26/2021 7:55:00 AM	11/12/2021 6:35:00 PM	Chromium	Total	=	41	µg/L	EPA 200.8	0.089	0.2	WKL	
MO-THO	2021/22-1	Wet	10/26/2021 7:55:00 AM	11/2/2021 5:20:00 PM	Chromium VI	n/a	=	0.032	µg/L	EPA 218.6	0.0079	0.02	WKL	
MO-THO	2021/22-1	Wet	10/26/2021 7:55:00 AM	11/12/2021 6:32:00 PM	Copper	Dissolved	=	2.5	µg/L	EPA 200.8	0.23	0.5	WKL	
MO-THO	2021/22-1	Wet	10/26/2021 7:55:00 AM	11/12/2021 6:35:00 PM	Copper	Total	=	53	µg/L	EPA 200.8	0.23	0.5	WKL	
MO-THO	2021/22-1	Wet	10/26/2021 7:55:00 AM	11/12/2021 6:32:00 PM	Iron	Dissolved	=	140	µg/L	EPA 200.8	3.9	20	WKL	
MO-THO	2021/22-1	Wet	10/26/2021 7:55:00 AM	11/12/2021 6:35:00 PM	Iron	Total	=	20000	µg/L	EPA 200.8	3.9	20	WKL	
MO-THO	2021/22-1	Wet	10/26/2021 7:55:00 AM	11/12/2021 6:32:00 PM	Lead	Dissolved	=	0.22	µg/L	EPA 200.8	0.083	0.2	WKL	UL-MB
MO-THO	2021/22-1	Wet	10/26/2021 7:55:00 AM	11/12/2021 6:35:00 PM	Lead	Total	=	13	µg/L	EPA 200.8	0.083	0.2	WKL	
MO-THO	2021/22-1	Wet	10/26/2021 7:55:00 AM	11/5/2021 4:41:00 PM	Mercury	Dissolved	DNQ	22	ng/L	EPA 245.1	17	50	WKL	UL-MB
MO-THO	2021/22-1	Wet	10/26/2021 7:55:00 AM	11/5/2021 4:43:00 PM	Mercury	Total	=	65	ng/L	EPA 245.1	17	50	WKL	UL-MB
MO-THO	2021/22-1	Wet	10/26/2021 7:55:00 AM	11/12/2021 6:32:00 PM	Nickel	Dissolved	=	3.5	µg/L	EPA 200.8	0.16	2	WKL	
MO-THO	2021/22-1	Wet	10/26/2021 7:55:00 AM	11/12/2021 6:35:00 PM	Nickel	Total	=	40	µg/L	EPA 200.8	0.16	2	WKL	
MO-THO	2021/22-1	Wet	10/26/2021 7:55:00 AM	11/12/2021 6:32:00 PM	Selenium	Dissolved	=	1.2	µg/L	EPA 200.8	0.067	0.4	WKL	
MO-THO	2021/22-1	Wet	10/26/2021 7:55:00 AM	11/12/2021 6:35:00 PM	Selenium	Total	=	3.1	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
MO-THO	2021/22-1	Wet	10/26/2021 7:55:00 AM	11/12/2021 6:32:00 PM	Silver	Dissolved	<	0.03	µg/L	EPA 200.8	0.03	0.2	WKL	
MO-THO	2021/22-1	Wet	10/26/2021 7:55:00 AM	11/12/2021 6:35:00 PM	Silver	Total	DNQ	0.19	µg/L	EPA 200.8	0.03	0.2	WKL	
MO-THO	2021/22-1	Wet	10/26/2021 7:55:00 AM	11/12/2021 6:32:00 PM	Thallium	Dissolved	<	0.021	µg/L	EPA 200.8	0.021	0.2	WKL	
MO-THO	2021/22-1	Wet	10/26/2021 7:55:00 AM	11/12/2021 6:35:00 PM	Thallium	Total	DNQ	0.18	µg/L	EPA 200.8	0.021	0.2	WKL	
MO-THO	2021/22-1	Wet	10/26/2021 7:55:00 AM	11/12/2021 6:32:00 PM	Zinc	Dissolved	DNQ	7.8	µg/L	EPA 200.8	0.8	10	WKL	UL-MB
MO-THO	2021/22-1	Wet	10/26/2021 7:55:00 AM	11/12/2021 6:35:00 PM	Zinc	Total	=	200	µg/L	EPA 200.8	0.8	10	WKL	
MO-THO	2021/22-1	Wet	10/26/2021 7:55:00 AM	10/27/2021 4:56:00 PM	Ammonia as N	n/a	=	0.55	mg/L	EPA 350.1	0.047	0.1	WKL	
MO-THO	2021/22-1	Wet	10/26/2021 7:55:00 AM	10/28/2021 4:57:00 PM	Nitrate + Nitrite as N	n/a	=	0.67	mg/L	EPA 353.2	0.036	0.2	WKL	
MO-THO	2021/22-1	Wet	10/26/2021 7:55:00 AM	11/17/2021 7:51:00 PM	Phosphorus as P	Dissolved	=	0.31	mg/L	EPA 200.7	0.018	0.05	WKL	
MO-THO	2021/22-1	Wet	10/26/2021 7:55:00 AM	11/17/2021 7:54:00 PM	Phosphorus as P	Total	=	1.4	mg/L	EPA 200.7	0.018	0.05	WKL	
MO-THO	2021/22-1	Wet	10/26/2021 7:55:00 AM	11/9/2021 4:09:00 PM	TKN	n/a	=	7.4	mg/L	EPA 351.2	0.26	0.4	WKL	
MO-THO	2021/22-1	Wet	10/26/2021 7:55:00 AM	11/23/2021 12:30:00 AM	1,2,4-Trichlorobenzene	n/a	<	0.49	µg/L	EPA 625.1	0.49	1	WKL	
MO-THO	2021/22-1	Wet	10/26/2021 7:55:00 AM	11/23/2021 12:30:00 AM	1,2-Dichlorobenzene	n/a	<	0.46	µg/L	EPA 625.1	0.46	1	WKL	
MO-THO	2021/22-1	Wet	10/26/2021 7:55:00 AM	11/23/2021 12:30:00 AM	1,2-Diphenylhydrazine	n/a	<	0.3	µg/L	EPA 625.1	0.3	1	WKL	
MO-THO	2021/22-1	Wet	10/26/2021 7:55:00 AM	11/23/2021 12:30:00 AM	1,3-Dichlorobenzene	n/a	<	0.42	µg/L	EPA 625.1	0.42	1	WKL	
MO-THO	2021/22-1	Wet	10/26/2021 7:55:00 AM	11/23/2021 12:30:00 AM	1,4-Dichlorobenzene	n/a	<	0.48	µg/L	EPA 625.1	0.48	1	WKL	
MO-THO	2021/22-1	Wet	10/26/2021 7:55:00 AM	11/17/2021 12:26:00 PM	1-Methylnaphthalene	n/a	<	0.024	µg/L	EPA 8270C	0.024	0.1	WKL	
MO-THO	2021/22-1	Wet	10/26/2021 7:55:00 AM	11/20/2021 12:57:00 AM	2,4,5-Trichlorophenol	n/a	<	0.29	µg/L	EPA 8270C	0.29	1	WKL	
MO-THO	2021/22-1	Wet	10/26/2021 7:55:00 AM	11/23/2021 12:30:00 AM	2,4,6-Trichlorophenol	n/a	<	0.22	µg/L	EPA 625.1	0.22	1	WKL	
MO-THO	2021/22-1	Wet	10/26/2021 7:55:00 AM	11/20/2021 12:57:00 AM	2,4,6-Trichlorophenol	n/a	<	0.3	µg/L	EPA 8270C	0.3	1	WKL	
MO-THO	2021/22-1	Wet	10/26/2021 7:55:00 AM	11/20/2021 12:57:00 AM	2,4-Dichlorophenol	n/a	<	0.51	µg/L	EPA 8270C	0.51	1	WKL	
MO-THO	2021/22-1	Wet	10/26/2021 7:55:00 AM	11/23/2021 12:30:00 AM	2,4-Dichlorophenol	n/a	<	0.26	µg/L	EPA 625.1	0.26	1	WKL	
MO-THO	2021/22-1	Wet	10/26/2021 7:55:00 AM	11/20/2021 12:57:00 AM	2,4-Dimethylphenol	n/a	<	1	µg/L	EPA 8270C	1	2	WKL	
MO-THO	2021/22-1	Wet	10/26/2021 7:55:00 AM	11/23/2021 12:30:00 AM	2,4-Dimethylphenol	n/a	<	0.76	µg/L	EPA 625.1	0.76	1	WKL	
MO-THO	2021/22-1	Wet	10/26/2021 7:55:00 AM	11/23/2021 12:30:00 AM	2,4-Dinitrophenol	n/a	<	1.9	µg/L	EPA 625.1	1.9	10	WKL	
MO-THO	2021/22-1	Wet	10/26/2021 7:55:00 AM	11/20/2021 12:57:00 AM	2,4-Dinitrophenol	n/a	<	1	µg/L	EPA 8270C	1	2	WKL	
MO-THO	2021/22-1	Wet	10/26/2021 7:55:00 AM	11/23/2021 12:30:00 AM	2,4-Dinitrotoluene	n/a	<	0.46	µg/L	EPA 625.1	0.46	1	WKL	
MO-THO	2021/22-1	Wet	10/26/2021 7:55:00 AM	11/23/2021 12:30:00 AM	2,6-Dinitrotoluene	n/a	<	0.27	µg/L	EPA 625.1	0.27	1	WKL	
MO-THO	2021/22-1	Wet	10/26/2021 7:55:00 AM	11/23/2021 12:30:00 AM	2-Chloronaphthalene	n/a	<	0.45	µg/L	EPA 625.1	0.45	1	WKL	
MO-THO	2021/22-1	Wet	10/26/2021 7:55:00 AM	11/20/2021 12:57:00 AM	2-Chlorophenol	n/a	<	0.65	µg/L	EPA 8270C	0.65	1	WKL	
MO-THO	2021/22-1	Wet	10/26/2021 7:55:00 AM	11/23/2021 12:30:00 AM	2-Chlorophenol	n/a	<	0.28	µg/L	EPA 625.1	0.28	1	WKL	
MO-THO	2021/22-1	Wet	10/26/2021 7:55:00 AM	11/17/2021 12:26:00 PM	2-Methylnaphthalene	n/a	<	0.026	µg/L	EPA 8270C	0.026	0.1	WKL	
MO-THO	2021/22-1	Wet	10/26/2021 7:55:00 AM	11/20/2021 12:57:00 AM	2-Methylphenol	n/a	<	0.34	µg/L	EPA 8270C	0.34	1	WKL	
MO-THO	2021/22-1	Wet	10/26/2021 7:55:00 AM	11/23/2021 12:30:00 AM	2-Nitrophenol	n/a	<	0.26	µg/L	EPA 625.1	0.26	1	WKL	
MO-THO	2021/22-1	Wet	10/26/2021 7:55:00 AM	11/20/2021 12:57:00 AM	2-Nitrophenol	n/a	<	0.71	µg/L	EPA 8270C	0.71	1	WKL	
MO-THO	2021/22-1	Wet	10/26/2021 7:55:00 AM	11/23/2021 12:30:00 AM	3,3'-Dichlorobenzidine	n/a	<	2.5	µg/L	EPA 625.1	2.5	5	WKL	
MO-THO	2021/22-1	Wet	10/26/2021 7:55:00 AM	11/20/2021 12:57:00 AM	3-/4-Methylphenol	n/a	<	0.3	µg/L	EPA 8270C	0.3	1	WKL	
MO-THO	2021/22-1	Wet	10/26/2021 7:55:00 AM	11/23/2021 12:30:00 AM	4,6-Dinitro-2-methylphenol	n/a	<	0.5	µg/L	EPA 625.1	0.5	5	WKL	
MO-THO	2021/22-1	Wet	10/26/2021 7:55:00 AM	11/20/2021 12:57:00 AM	4,6-Dinitro-2-methylphenol	n/a	<	0.14	µg/L	EPA 8270C	0.14	1	WKL	
MO-THO	2021/22-1	Wet	10/26/2021 7:55:00 AM	11/23/2021 12:30:00 AM	4-Bromophenyl phenyl ether	n/a	<	0.36	µg/L	EPA 625.1	0.36	1	WKL	
MO-THO	2021/22-1	Wet	10/26/2021 7:55:00 AM	11/23/2021 12:30:00 AM	4-Chloro-3-methylphenol	n/a	<	0.23	µg/L	EPA 625.1	0.23	1	WKL	
MO-THO	2021/22-1	Wet	10/26/2021 7:55:00 AM	11/20/2021 12:57:00 AM	4-Chloro-3-methylphenol	n/a	<	0.37	µg/L	EPA 8270C	0.37	1	WKL	
MO-THO	2021/22-1	Wet	10/26/2021 7:55:00 AM	11/23/2021 12:30:00 AM	4-Chlorophenyl phenyl ether	n/a	<	0.41	µg/L	EPA 625.1	0.41	1	WKL	
MO-THO	2021/22-1	Wet	10/26/2021 7:55:00 AM	11/23/2021 12:30:00 AM	4-Nitrophenol	n/a	<	1.2	µg/L	EPA 625.1	1.2	5	WKL	
MO-THO	2021/22-1	Wet	10/26/2021 7:55:00 AM	11/20/2021 12:57:00 AM	4-Nitrophenol	n/a	<	1	µg/L	EPA 8270C	1	2	WKL	
MO-THO	2021/22-1	Wet	10/26/2021 7:55:00 AM	11/23/2021 12:30:00 AM	Acenaphthene	n/a	<	0.38	µg/L	EPA 625.1	0.38	1	WKL	
MO-THO	2021/22-1	Wet	10/26/2021 7:55:00 AM	11/17/2021 12:26:00 PM	Acenaphthene	n/a	<	0.028	µg/L	EPA 8270C	0.028	0.1	WKL	
MO-THO	2021/22-1	Wet	10/26/2021 7:55:00 AM	11/17/2021 12:26:00 PM	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
MO-THO	2021/22-1	Wet	10/26/2021 7:55:00 AM	11/23/2021 12:30:00 AM	Acenaphthylene	n/a	<	0.35	µg/L	EPA 625.1	0.35	1	WKL	
MO-THO	2021/22-1	Wet	10/26/2021 7:55:00 AM	11/23/2021 12:30:00 AM	Anthracene	n/a	<	0.41	µg/L	EPA 625.1	0.41	1	WKL	
MO-THO	2021/22-1	Wet	10/26/2021 7:55:00 AM	11/17/2021 12:26:00 PM	Anthracene	n/a	<	0.025	µg/L	EPA 8270C	0.025	0.1	WKL	
MO-THO	2021/22-1	Wet	10/26/2021 7:55:00 AM	11/23/2021 12:30:00 AM	Benzo(a)anthracene	n/a	<	0.19	µg/L	EPA 625.1	0.19	1	WKL	
MO-THO	2021/22-1	Wet	10/26/2021 7:55:00 AM	11/17/2021 12:26:00 PM	Benzo(a)anthracene	n/a	<	0.051	µg/L	EPA 8270C	0.051	0.1	WKL	
MO-THO	2021/22-1	Wet	10/26/2021 7:55:00 AM	11/23/2021 12:30:00 AM	Benzidine	n/a	<	3.2	µg/L	EPA 625.1	3.2	10	WKL	
MO-THO	2021/22-1	Wet	10/26/2021 7:55:00 AM	11/17/2021 12:26:00 PM	Benzo(a)pyrene	n/a	DNQ	0.063	µg/L	EPA 8270C	0.051	0.1	WKL	
MO-THO	2021/22-1	Wet	10/26/2021 7:55:00 AM	11/23/2021 12:30:00 AM	Benzo(a)pyrene	n/a	<	0.39	µg/L	EPA 625.1	0.39	1	WKL	
MO-THO	2021/22-1	Wet	10/26/2021 7:55:00 AM	11/16/2021 12:51:00 AM	Benzo(a)pyrene	n/a	<	0.2	µg/L	EPA 525.2	0.2	1	WKL	
MO-THO	2021/22-1	Wet	10/26/2021 7:55:00 AM	11/23/2021 12:30:00 AM	Benzo(b)fluoranthene	n/a	<	0.46	µg/L	EPA 625.1	0.46	1	WKL	
MO-THO	2021/22-1	Wet	10/26/2021 7:55:00 AM	11/17/2021 12:26:00 PM	Benzo(b)fluoranthene	n/a	<	0.074	µg/L	EPA 8270C	0.074	0.1	WKL	
MO-THO	2021/22-1	Wet	10/26/2021 7:55:00 AM	11/23/2021 12:30:00 AM	Benzo(g,h,i)perylene	n/a	<	0.42	µg/L	EPA 625.1	0.42	2	WKL	
MO-THO	2021/22-1	Wet	10/26/2021 7:55:00 AM	11/17/2021 12:26:00 PM	Benzo(g,h,i)perylene	n/a	<	0.05	µg/L	EPA 8270C	0.05	0.1	WKL	
MO-THO	2021/22-1	Wet	10/26/2021 7:55:00 AM	11/23/2021 12:30:00 AM	Benzo(k)fluoranthene	n/a	<	0.22	µg/L	EPA 625.1	0.22	1	WKL	
MO-THO	2021/22-1	Wet	10/26/2021 7:55:00 AM	11/17/2021 12:26:00 PM	Benzo(k)fluoranthene	n/a	DNQ	0.03	µg/L	EPA 8270C	0.026	0.1	WKL	
MO-THO	2021/22-1	Wet	10/26/2021 7:55:00 AM	11/23/2021 12:30:00 AM	Bis(2-chloroethoxy)methane	n/a	<	0.25	µg/L	EPA 625.1	0.25	1	WKL	
MO-THO	2021/22-1	Wet	10/26/2021 7:55:00 AM	11/23/2021 12:30:00 AM	Bis(2-chloroethyl)ether	n/a	<	0.27	µg/L	EPA 625.1	0.27	1	WKL	
MO-THO	2021/22-1	Wet	10/26/2021 7:55:00 AM	11/23/2021 12:30:00 AM	Bis(2-chloroisopropyl)ether	n/a	<	0.38	µg/L	EPA 625.1	0.38	1	WKL	
MO-THO	2021/22-1	Wet	10/26/2021 7:55:00 AM	11/16/2021 12:51:00 AM	Bis(2-ethylhexyl)adipate	n/a	<	4.2	µg/L	EPA 525.2	4.2	50	WKL	
MO-THO	2021/22-1	Wet	10/26/2021 7:55:00 AM	11/23/2021 12:30:00 AM	Bis(2-ethylhexyl)phthalate	n/a	DNQ	4.7	µg/L	EPA 625.1	2.3	5	WKL	UL-MB
MO-THO	2021/22-1	Wet	10/26/2021 7:55:00 AM	11/16/2021 12:51:00 AM	Bis(2-ethylhexyl)phthalate	n/a	<	4.1	µg/L	EPA 525.2	4.1	30	WKL	
MO-THO	2021/22-1	Wet	10/26/2021 7:55:00 AM	11/23/2021 12:30:00 AM	Butyl benzyl phthalate	n/a	DNQ	0.51	µg/L	EPA 625.1	0.49	1	WKL	
MO-THO	2021/22-1	Wet	10/26/2021 7:55:00 AM	11/23/2021 12:30:00 AM	Chrysene	n/a	<	0.19	µg/L	EPA 625.1	0.19	1	WKL	
MO-THO	2021/22-1	Wet	10/26/2021 7:55:00 AM	11/17/2021 12:26:00 PM	Chrysene	n/a	<	0.074	µg/L	EPA 8270C	0.074	0.1	WKL	
MO-THO	2021/22-1	Wet	10/26/2021 7:55:00 AM	11/23/2021 12:30:00 AM	Dibenz(a,h)anthracene	n/a	<	0.15	µg/L	EPA 625.1	0.15	2	WKL	
MO-THO	2021/22-1	Wet	10/26/2021 7:55:00 AM	11/17/2021 12:26:00 PM	Dibenz(a,h)anthracene	n/a	<	0.036	µg/L	EPA 8270C	0.036	0.1	WKL	
MO-THO	2021/22-1	Wet	10/26/2021 7:55:00 AM	11/23/2021 12:30:00 AM	Diethyl phthalate	n/a	<	0.35	µg/L	EPA 625.1	0.35	1	WKL	
MO-THO	2021/22-1	Wet	10/26/2021 7:55:00 AM	11/23/2021 12:30:00 AM	Dimethyl phthalate	n/a	=	2.3	µg/L	EPA 625.1	0.18	1	WKL	
MO-THO	2021/22-1	Wet	10/26/2021 7:55:00 AM	11/23/2021 12:30:00 AM	Di-n-butylphthalate	n/a	<	0.34	µg/L	EPA 625.1	0.34	1	WKL	
MO-THO	2021/22-1	Wet	10/26/2021 7:55:00 AM	11/23/2021 12:30:00 AM	Di-n-octylphthalate	n/a	<	0.46	µg/L	EPA 625.1	0.46	1	WKL	
MO-THO	2021/22-1	Wet	10/26/2021 7:55:00 AM	11/23/2021 12:30:00 AM	Fluoranthene	n/a	<	0.35	µg/L	EPA 625.1	0.35	1	WKL	
MO-THO	2021/22-1	Wet	10/26/2021 7:55:00 AM	11/17/2021 12:26:00 PM	Fluoranthene	n/a	<	0.039	µg/L	EPA 8270C	0.039	0.1	WKL	
MO-THO	2021/22-1	Wet	10/26/2021 7:55:00 AM	11/23/2021 12:30:00 AM	Fluorene	n/a	<	0.35	µg/L	EPA 625.1	0.35	1	WKL	
MO-THO	2021/22-1	Wet	10/26/2021 7:55:00 AM	11/17/2021 12:26:00 PM	Fluorene	n/a	<	0.029	µg/L	EPA 8270C	0.029	0.1	WKL	
MO-THO	2021/22-1	Wet	10/26/2021 7:55:00 AM	11/23/2021 12:30:00 AM	Hexachlorobenzene	n/a	<	0.49	µg/L	EPA 625.1	0.49	1	WKL	
MO-THO	2021/22-1	Wet	10/26/2021 7:55:00 AM	11/23/2021 12:30:00 AM	Hexachlorobutadiene	n/a	<	0.47	µg/L	EPA 625.1	0.47	1	WKL	
MO-THO	2021/22-1	Wet	10/26/2021 7:55:00 AM	11/16/2021 12:51:00 AM	Hexachlorocyclopentadiene	n/a	<	0.92	µg/L	EPA 525.2	0.92	10	WKL	
MO-THO	2021/22-1	Wet	10/26/2021 7:55:00 AM	11/23/2021 12:30:00 AM	Hexachlorocyclopentadiene	n/a	<	0.31	µg/L	EPA 625.1	0.31	5	WKL	
MO-THO	2021/22-1	Wet	10/26/2021 7:55:00 AM	11/23/2021 12:30:00 AM	Hexachloroethane	n/a	<	0.5	µg/L	EPA 625.1	0.5	1	WKL	
MO-THO	2021/22-1	Wet	10/26/2021 7:55:00 AM	11/23/2021 12:30:00 AM	Indeno(1,2,3-cd)pyrene	n/a	<	0.25	µg/L	EPA 625.1	0.25	2	WKL	
MO-THO	2021/22-1	Wet	10/26/2021 7:55:00 AM	11/17/2021 12:26:00 PM	Indeno(1,2,3-cd)pyrene	n/a	<	0.065	µg/L	EPA 8270C	0.065	0.1	WKL	
MO-THO	2021/22-1	Wet	10/26/2021 7:55:00 AM	11/23/2021 12:30:00 AM	Isophorone	n/a	<	0.21	µg/L	EPA 625.1	0.21	1	WKL	
MO-THO	2021/22-1	Wet	10/26/2021 7:55:00 AM	11/23/2021 12:30:00 AM	Naphthalene	n/a	<	0.49	µg/L	EPA 625.1	0.49	1	WKL	
MO-THO	2021/22-1	Wet	10/26/2021 7:55:00 AM	11/17/2021 12:26:00 PM	Naphthalene	n/a	<	0.026	µg/L	EPA 8270C	0.026	0.1	WKL	
MO-THO	2021/22-1	Wet	10/26/2021 7:55:00 AM	11/23/2021 12:30:00 AM	Nitrobenzene	n/a	<	0.36	µg/L	EPA 625.1	0.36	1	WKL	
MO-THO	2021/22-1	Wet	10/26/2021 7:55:00 AM	11/23/2021 12:30:00 AM	N-Nitrosodimethylamine	n/a	<	0.5	µg/L	EPA 625.1	0.5	1	WKL	
MO-THO	2021/22-1	Wet	10/26/2021 7:55:00 AM	11/23/2021 12:30:00 AM	N-Nitrosodi-N-propylamine	n/a	<	0.26	µg/L	EPA 625.1	0.26	1	WKL	
MO-THO	2021/22-1	Wet	10/26/2021 7:55:00 AM	11/23/2021 12:30:00 AM	N-Nitrosodiphenylamine	n/a	<	0.19	µg/L	EPA 625.1	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-THO	2021/22-1	Wet	10/26/2021 7:55:00 AM	11/23/2021 12:30:00 AM	Phenanthrene	n/a	<	0.32	µg/L	EPA 625.1	0.32	1	WKL	
MO-THO	2021/22-1	Wet	10/26/2021 7:55:00 AM	11/17/2021 12:26:00 PM	Phenanthrene	n/a	<	0.029	µg/L	EPA 8270C	0.029	0.1	WKL	
MO-THO	2021/22-1	Wet	10/26/2021 7:55:00 AM	11/23/2021 12:30:00 AM	Phenol	n/a	<	0.81	µg/L	EPA 625.1	0.81	1	WKL	
MO-THO	2021/22-1	Wet	10/26/2021 7:55:00 AM	11/20/2021 12:57:00 AM	Phenol	n/a	<	0.35	µg/L	EPA 8270C	0.35	1	WKL	
MO-THO	2021/22-1	Wet	10/26/2021 7:55:00 AM	11/23/2021 12:30:00 AM	Pyrene	n/a	<	0.25	µg/L	EPA 625.1	0.25	1	WKL	
MO-THO	2021/22-1	Wet	10/26/2021 7:55:00 AM	11/17/2021 12:26:00 PM	Pyrene	n/a	<	0.04	µg/L	EPA 8270C	0.04	0.1	WKL	
MO-THO	2021/22-1	Wet	10/26/2021 7:55:00 AM	12/10/2021 11:51:00 PM	PCB Aroclor 1016	n/a	<	5	µg/L	EPA 608.3	5	5	WKL	
MO-THO	2021/22-1	Wet	10/26/2021 7:55:00 AM	12/10/2021 11:51:00 PM	PCB Aroclor 1221	n/a	<	5	µg/L	EPA 608.3	5	5	WKL	
MO-THO	2021/22-1	Wet	10/26/2021 7:55:00 AM	12/10/2021 11:51:00 PM	PCB Aroclor 1232	n/a	<	5	µg/L	EPA 608.3	5	5	WKL	
MO-THO	2021/22-1	Wet	10/26/2021 7:55:00 AM	12/10/2021 11:51:00 PM	PCB Aroclor 1242	n/a	<	5	µg/L	EPA 608.3	5	5	WKL	
MO-THO	2021/22-1	Wet	10/26/2021 7:55:00 AM	12/10/2021 11:51:00 PM	PCB Aroclor 1248	n/a	<	5	µg/L	EPA 608.3	5	5	WKL	
MO-THO	2021/22-1	Wet	10/26/2021 7:55:00 AM	12/10/2021 11:51:00 PM	PCB Aroclor 1254	n/a	<	5	µg/L	EPA 608.3	5	5	WKL	
MO-THO	2021/22-1	Wet	10/26/2021 7:55:00 AM	12/10/2021 11:51:00 PM	PCB Aroclor 1260	n/a	<	5	µg/L	EPA 608.3	5	5	WKL	
MO-THO	2021/22-1	Wet	10/26/2021 7:55:00 AM	11/8/2021 3:54:00 AM	2,4,5-T	n/a	<	0.03	µg/L	EPA 515.4	0.03	0.2	WKL	
MO-THO	2021/22-1	Wet	10/26/2021 7:55:00 AM	11/8/2021 3:54:00 AM	2,4,5-TP	n/a	<	0.026	µg/L	EPA 515.4	0.026	0.2	WKL	
MO-THO	2021/22-1	Wet	10/26/2021 7:55:00 AM	11/8/2021 3:54:00 AM	2,4-D	n/a	<	0.14	µg/L	EPA 515.4	0.14	0.4	WKL	
MO-THO	2021/22-1	Wet	10/26/2021 7:55:00 AM	11/8/2021 3:54:00 AM	2,4-DB	n/a	<	0.19	µg/L	EPA 515.4	0.19	2	WKL	
MO-THO	2021/22-1	Wet	10/26/2021 7:55:00 AM	11/8/2021 3:54:00 AM	3,5-Dichlorobenzoic acid	n/a	<	0.12	µg/L	EPA 515.4	0.12	1	WKL	
MO-THO	2021/22-1	Wet	10/26/2021 7:55:00 AM	12/10/2021 11:51:00 PM	4,4'-DDD	n/a	DNQ	0.0045	µg/L	EPA 608.3	0.0035	0.25	WKL	
MO-THO	2021/22-1	Wet	10/26/2021 7:55:00 AM	12/10/2021 11:51:00 PM	4,4'-DDE	n/a	DNQ	0.0045	µg/L	EPA 608.3	0.0035	0.25	WKL	
MO-THO	2021/22-1	Wet	10/26/2021 7:55:00 AM	12/10/2021 11:51:00 PM	4,4'-DDT	n/a	<	0.0055	µg/L	EPA 608.3	0.0055	0.05	WKL	
MO-THO	2021/22-1	Wet	10/26/2021 7:55:00 AM	11/8/2021 3:54:00 AM	Acifluorfen	n/a	<	0.4	µg/L	EPA 515.4	0.4	0.4	WKL	
MO-THO	2021/22-1	Wet	10/26/2021 7:55:00 AM	11/16/2021 12:51:00 AM	Alachlor	n/a	<	0.3	µg/L	EPA 525.2	0.3	1	WKL	
MO-THO	2021/22-1	Wet	10/26/2021 7:55:00 AM	12/10/2021 11:51:00 PM	Aldrin	n/a	<	0.005	µg/L	EPA 608.3	0.005	0.025	WKL	
MO-THO	2021/22-1	Wet	10/26/2021 7:55:00 AM	12/10/2021 11:51:00 PM	alpha-BHC	n/a	<	0.0055	µg/L	EPA 608.3	0.0055	0.05	WKL	
MO-THO	2021/22-1	Wet	10/26/2021 7:55:00 AM	11/16/2021 12:51:00 AM	Atrazine	n/a	<	0.11	µg/L	EPA 525.2	0.11	1	WKL	
MO-THO	2021/22-1	Wet	10/26/2021 7:55:00 AM	11/12/2021 11:25:00 PM	Azinphos methyl	n/a	<	0.028	µg/L	EPA 625.1m	0.028	0.05	WKL	
MO-THO	2021/22-1	Wet	10/26/2021 7:55:00 AM	11/8/2021 3:54:00 AM	Bentazon	n/a	<	2	µg/L	EPA 515.4	2	2	WKL	
MO-THO	2021/22-1	Wet	10/26/2021 7:55:00 AM	12/10/2021 11:51:00 PM	beta-BHC	n/a	<	0.0075	µg/L	EPA 608.3	0.0075	0.025	WKL	
MO-THO	2021/22-1	Wet	10/26/2021 7:55:00 AM	11/12/2021 11:25:00 PM	Bolstar	n/a	<	0.023	µg/L	EPA 625.1m	0.023	0.05	WKL	
MO-THO	2021/22-1	Wet	10/26/2021 7:55:00 AM	11/16/2021 12:51:00 AM	Bromacil	n/a	<	0.7	µg/L	EPA 525.2	0.7	5	WKL	
MO-THO	2021/22-1	Wet	10/26/2021 7:55:00 AM	11/16/2021 12:51:00 AM	Butachlor	n/a	<	0.12	µg/L	EPA 525.2	0.12	1	WKL	
MO-THO	2021/22-1	Wet	10/26/2021 7:55:00 AM	11/16/2021 12:51:00 AM	Captan	n/a	<	3.2	µg/L	EPA 525.2	3.2	10	WKL	
MO-THO	2021/22-1	Wet	10/26/2021 7:55:00 AM	12/10/2021 11:51:00 PM	Chlordane (technical)	n/a	<	0.22	µg/L	EPA 608.3	0.22	0.5	WKL	
MO-THO	2021/22-1	Wet	10/26/2021 7:55:00 AM	11/16/2021 12:51:00 AM	Chlorpropham	n/a	<	0.4	µg/L	EPA 525.2	0.4	1	WKL	
MO-THO	2021/22-1	Wet	10/26/2021 7:55:00 AM	11/12/2021 11:25:00 PM	Chlorpyrifos	n/a	<	0.034	µg/L	EPA 625.1m	0.034	0.05	WKL	
MO-THO	2021/22-1	Wet	10/26/2021 7:55:00 AM	11/12/2021 11:25:00 PM	Coumaphos	n/a	<	0.026	µg/L	EPA 625.1m	0.026	0.05	WKL	
MO-THO	2021/22-1	Wet	10/26/2021 7:55:00 AM	11/8/2021 3:54:00 AM	Dalapon	n/a	<	0.11	µg/L	EPA 515.4	0.11	0.4	WKL	
MO-THO	2021/22-1	Wet	10/26/2021 7:55:00 AM	11/8/2021 3:54:00 AM	DCPA (Dacthal)	n/a	<	0.1	µg/L	EPA 515.4	0.1	0.1	WKL	
MO-THO	2021/22-1	Wet	10/26/2021 7:55:00 AM	12/10/2021 11:51:00 PM	delta-BHC	n/a	<	0.0095	µg/L	EPA 608.3	0.0095	0.025	WKL	
MO-THO	2021/22-1	Wet	10/26/2021 7:55:00 AM	11/12/2021 11:25:00 PM	Demeton-O	n/a	<	0.05	µg/L	EPA 625.1m	0.05	0.05	WKL	
MO-THO	2021/22-1	Wet	10/26/2021 7:55:00 AM	11/12/2021 11:25:00 PM	Demeton-S	n/a	<	0.05	µg/L	EPA 625.1m	0.05	0.05	WKL	
MO-THO	2021/22-1	Wet	10/26/2021 7:55:00 AM	11/12/2021 11:25:00 PM	Diazinon	n/a	<	0.026	µg/L	EPA 625.1m	0.026	0.05	WKL	
MO-THO	2021/22-1	Wet	10/26/2021 7:55:00 AM	11/16/2021 12:51:00 AM	Diazinon	n/a	<	0.22	µg/L	EPA 525.2	0.22	1	WKL	
MO-THO	2021/22-1	Wet	10/26/2021 7:55:00 AM	11/8/2021 3:54:00 AM	Dicamba	n/a	<	0.049	µg/L	EPA 515.4	0.049	0.6	WKL	
MO-THO	2021/22-1	Wet	10/26/2021 7:55:00 AM	11/8/2021 3:54:00 AM	Dichlorprop	n/a	<	0.12	µg/L	EPA 515.4	0.12	0.3	WKL	
MO-THO	2021/22-1	Wet	10/26/2021 7:55:00 AM	11/12/2021 11:25:00 PM	Dichlorvos	n/a	<	0.014	µg/L	EPA 625.1m	0.014	0.05	WKL	
MO-THO	2021/22-1	Wet	10/26/2021 7:55:00 AM	12/10/2021 11:51:00 PM	Dieldrin	n/a	<	0.004	µg/L	EPA 608.3	0.004	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-THO	2021/22-1	Wet	10/26/2021 7:55:00 AM	11/16/2021 12:51:00 AM	Dimethoate	n/a	<	0.2	µg/L	EPA 525.2	0.2	2	WKL	
MO-THO	2021/22-1	Wet	10/26/2021 7:55:00 AM	11/12/2021 11:25:00 PM	Dimethoate	n/a	<	0.031	µg/L	EPA 625.1m	0.031	0.05	WKL	
MO-THO	2021/22-1	Wet	10/26/2021 7:55:00 AM	11/8/2021 3:54:00 AM	Dinoseb	n/a	<	0.4	µg/L	EPA 515.4	0.4	0.4	WKL	
MO-THO	2021/22-1	Wet	10/26/2021 7:55:00 AM	11/16/2021 12:51:00 AM	Diphenamid	n/a	<	0.3	µg/L	EPA 525.2	0.3	1	WKL	
MO-THO	2021/22-1	Wet	10/26/2021 7:55:00 AM	11/16/2021 12:51:00 AM	Disulfoton	n/a	<	0.15	µg/L	EPA 525.2	0.15	1	WKL	
MO-THO	2021/22-1	Wet	10/26/2021 7:55:00 AM	11/12/2021 11:25:00 PM	Disulfoton	n/a	<	0.05	µg/L	EPA 625.1m	0.05	0.05	WKL	
MO-THO	2021/22-1	Wet	10/26/2021 7:55:00 AM	12/10/2021 11:51:00 PM	Endosulfan I	n/a	<	0.0045	µg/L	EPA 608.3	0.0045	0.1	WKL	
MO-THO	2021/22-1	Wet	10/26/2021 7:55:00 AM	12/10/2021 11:51:00 PM	Endosulfan II	n/a	<	0.0035	µg/L	EPA 608.3	0.0035	0.05	WKL	
MO-THO	2021/22-1	Wet	10/26/2021 7:55:00 AM	12/10/2021 11:51:00 PM	Endosulfan sulfate	n/a	<	0.0065	µg/L	EPA 608.3	0.0065	0.25	WKL	
MO-THO	2021/22-1	Wet	10/26/2021 7:55:00 AM	12/10/2021 11:51:00 PM	Endrin	n/a	<	0.0085	µg/L	EPA 608.3	0.0085	0.05	WKL	
MO-THO	2021/22-1	Wet	10/26/2021 7:55:00 AM	12/10/2021 11:51:00 PM	Endrin aldehyde	n/a	<	0.0095	µg/L	EPA 608.3	0.0095	0.05	WKL	
MO-THO	2021/22-1	Wet	10/26/2021 7:55:00 AM	11/16/2021 12:51:00 AM	EPTC	n/a	<	0.2	µg/L	EPA 525.2	0.2	1	WKL	
MO-THO	2021/22-1	Wet	10/26/2021 7:55:00 AM	11/12/2021 11:25:00 PM	Ethoprop	n/a	<	0.034	µg/L	EPA 625.1m	0.034	0.05	WKL	
MO-THO	2021/22-1	Wet	10/26/2021 7:55:00 AM	11/12/2021 11:25:00 PM	Ethyl parathion	n/a	<	0.027	µg/L	EPA 625.1m	0.027	0.05	WKL	
MO-THO	2021/22-1	Wet	10/26/2021 7:55:00 AM	11/12/2021 11:25:00 PM	Fensulfothion	n/a	<	0.014	µg/L	EPA 625.1m	0.014	0.05	WKL	
MO-THO	2021/22-1	Wet	10/26/2021 7:55:00 AM	11/12/2021 11:25:00 PM	Fenthion	n/a	<	0.019	µg/L	EPA 625.1m	0.019	0.05	WKL	
MO-THO	2021/22-1	Wet	10/26/2021 7:55:00 AM	12/10/2021 11:51:00 PM	gamma-BHC (Lindane)	n/a	<	0.002	µg/L	EPA 608.3	0.002	0.1	WKL	
MO-THO	2021/22-1	Wet	10/26/2021 7:55:00 AM	11/7/2021 11:42:00 PM	Glyphosate	n/a	DNQ	15	µg/L	EPA 547	2.1	25	BSKL	
MO-THO	2021/22-1	Wet	10/26/2021 7:55:00 AM	12/10/2021 11:51:00 PM	Heptachlor	n/a	<	0.003	µg/L	EPA 608.3	0.003	0.05	WKL	
MO-THO	2021/22-1	Wet	10/26/2021 7:55:00 AM	12/10/2021 11:51:00 PM	Heptachlor epoxide	n/a	<	0.002	µg/L	EPA 608.3	0.002	0.05	WKL	
MO-THO	2021/22-1	Wet	10/26/2021 7:55:00 AM	11/12/2021 11:25:00 PM	Malathion	n/a	<	0.038	µg/L	EPA 625.1m	0.038	0.05	WKL	
MO-THO	2021/22-1	Wet	10/26/2021 7:55:00 AM	11/12/2021 11:25:00 PM	Merphos	n/a	<	0.029	µg/L	EPA 625.1m	0.029	0.05	WKL	
MO-THO	2021/22-1	Wet	10/26/2021 7:55:00 AM	11/12/2021 11:25:00 PM	Methyl parathion	n/a	<	0.032	µg/L	EPA 625.1m	0.032	0.05	WKL	
MO-THO	2021/22-1	Wet	10/26/2021 7:55:00 AM	11/16/2021 12:51:00 AM	Metolachlor	n/a	<	0.3	µg/L	EPA 525.2	0.3	1	WKL	
MO-THO	2021/22-1	Wet	10/26/2021 7:55:00 AM	11/16/2021 12:51:00 AM	Metribuzin	n/a	<	0.3	µg/L	EPA 525.2	0.3	1	WKL	
MO-THO	2021/22-1	Wet	10/26/2021 7:55:00 AM	11/12/2021 11:25:00 AM	Mevinphos	n/a	<	0.021	µg/L	EPA 625.1m	0.021	0.05	WKL	
MO-THO	2021/22-1	Wet	10/26/2021 7:55:00 AM	11/16/2021 12:51:00 AM	Molinate	n/a	<	0.3	µg/L	EPA 525.2	0.3	1	WKL	
MO-THO	2021/22-1	Wet	10/26/2021 7:55:00 AM	11/12/2021 11:25:00 PM	Naled	n/a	<	0.038	µg/L	EPA 625.1m	0.038	0.05	WKL	
MO-THO	2021/22-1	Wet	10/26/2021 7:55:00 AM	11/20/2021 12:57:00 AM	Pentachlorophenol	n/a	DNQ	0.57	µg/L	EPA 8270C	0.15	1	WKL	EST-LCSRPD
MO-THO	2021/22-1	Wet	10/26/2021 7:55:00 AM	11/8/2021 3:54:00 AM	Pentachlorophenol	n/a	DNQ	0.11	µg/L	EPA 515.4	0.046	0.2	WKL	
MO-THO	2021/22-1	Wet	10/26/2021 7:55:00 AM	11/23/2021 12:30:00 AM	Pentachlorophenol	n/a	<	0.4	µg/L	EPA 625.1	0.4	1	WKL	
MO-THO	2021/22-1	Wet	10/26/2021 7:55:00 AM	11/12/2021 11:25:00 PM	Phorate	n/a	<	0.015	µg/L	EPA 625.1m	0.015	0.05	WKL	
MO-THO	2021/22-1	Wet	10/26/2021 7:55:00 AM	11/8/2021 3:54:00 AM	Picloram	n/a	<	0.05	µg/L	EPA 515.4	0.05	0.6	WKL	
MO-THO	2021/22-1	Wet	10/26/2021 7:55:00 AM	11/16/2021 12:51:00 AM	Prometryn	n/a	<	0.3	µg/L	EPA 525.2	0.3	1	WKL	
MO-THO	2021/22-1	Wet	10/26/2021 7:55:00 AM	11/12/2021 11:25:00 PM	Ronnel (Fenchlorphos)	n/a	<	0.02	µg/L	EPA 625.1m	0.02	0.05	WKL	
MO-THO	2021/22-1	Wet	10/26/2021 7:55:00 AM	11/16/2021 12:51:00 AM	Simazine	n/a	<	0.2	µg/L	EPA 525.2	0.2	1	WKL	
MO-THO	2021/22-1	Wet	10/26/2021 7:55:00 AM	11/12/2021 11:25:00 PM	Stirophos (Tetrachlorvinphos)	n/a	<	0.016	µg/L	EPA 625.1m	0.016	0.05	WKL	
MO-THO	2021/22-1	Wet	10/26/2021 7:55:00 AM	11/16/2021 12:51:00 AM	Terbacil	n/a	<	0.9	µg/L	EPA 525.2	0.9	20	WKL	
MO-THO	2021/22-1	Wet	10/26/2021 7:55:00 AM	11/16/2021 12:51:00 AM	Thiobencarb	n/a	<	0.3	µg/L	EPA 525.2	0.3	1	WKL	
MO-THO	2021/22-1	Wet	10/26/2021 7:55:00 AM	11/12/2021 11:25:00 PM	Tokuthion	n/a	<	0.039	µg/L	EPA 625.1m	0.039	0.05	WKL	
MO-THO	2021/22-1	Wet	10/26/2021 7:55:00 AM	12/10/2021 11:51:00 PM	Toxaphene	n/a	<	5	µg/L	EPA 608.3	5	5	WKL	
MO-THO	2021/22-1	Wet	10/26/2021 7:55:00 AM	11/12/2021 11:25:00 PM	Trichloronate	n/a	<	0.034	µg/L	EPA 625.1m	0.034	0.05	WKL	
MO-THO	2021/22-1	Wet	10/26/2021 7:55:00 AM	11/16/2021 12:51:00 AM	Trithion	n/a	<	0.2	µg/L	EPA 525.2	0.2	1	WKL	
MO-THO	2021/22-2	Wet	12/14/2021 4:20:00 AM	12/15/2021 7:00:00 AM	E. Coli	n/a	=	5172	MPN/100 mL	MMO-MUG	10	10	VCHCA	
MO-THO	2021/22-2	Wet	12/14/2021 4:20:00 AM	12/15/2021 7:00:00 AM	Total Coliform	n/a	=	43520	MPN/100 mL	MMO-MUG	100	100	VCHCA	
MO-THO	2021/22-2	Wet	12/14/2021 4:20:00 AM	12/14/2021 4:20:00 AM	Conductivity	n/a	=	973	µmhos/cm	Field Meter	-88	1	Field Crew	
MO-THO	2021/22-2	Wet	12/14/2021 4:20:00 AM	12/16/2021 3:49:00 PM	Cyanide	Total	DNQ	0.0013	mg/L	ASTM D7511	0.0012	0.002	WKL	
MO-THO	2021/22-2	Wet	12/14/2021 4:20:00 AM	12/14/2021 4:20:00 AM	DO	n/a	=	11.17	mg/L	Field Meter	-88	0.3	Field Crew	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-THO	2021/22-2	Wet	12/14/2021 4:20:00 AM	12/14/2021 4:20:00 AM	DO	n/a	=	103.3	%	Field Meter	-88	0.1	Field Crew	
MO-THO	2021/22-2	Wet	12/14/2021 4:20:00 AM	12/14/2021 4:20:00 AM	pH	n/a	=	8.38	pH Units	Field Meter	-88	0.01	Field Crew	
MO-THO	2021/22-2	Wet	12/14/2021 4:20:00 AM	12/14/2021 4:20:00 AM	Salinity	n/a	=	700	mg/L	Field Meter	-88	100	Field Crew	
MO-THO	2021/22-2	Wet	12/14/2021 4:20:00 AM	12/14/2021 4:20:00 AM	Specific Conductance	n/a	=	1365	µmhos/cm	Field Meter	-88	1	Field Crew	
MO-THO	2021/22-2	Wet	12/14/2021 4:20:00 AM	12/14/2021 4:20:00 AM	Temperature	n/a	=	12	°C	Field Meter	-88	0.1	Field Crew	
MO-THO	2021/22-2	Wet	12/14/2021 4:20:00 AM	12/21/2021 8:08:00 AM	Gasoline Range Organics	n/a	DNQ	0.083	mg/L	EPA 8260B	0.065	0.1	WKL	
MO-THO	2021/22-2	Wet	12/14/2021 4:20:00 AM	12/21/2021 4:20:00 PM	Oil and Grease	n/a	<	1.3	mg/L	EPA 1664B	1.3	5	WKL	
MO-THO	2021/22-2	Wet	12/14/2021 4:20:00 AM	12/16/2021 5:43:00 PM	2-Chloroethyl vinyl ether	n/a	<	0.95	µg/L	EPA 624.1	0.95	5	WKL	DG
MO-THO	2021/22-2	Wet	12/14/2021 4:20:00 AM	12/16/2021 5:43:00 PM	Methyl tert-butyl ether (MTBE)	n/a	<	2	µg/L	EPA 624.1	2	5	WKL	DG
MO-THO	2021/22-2	Wet	12/14/2021 4:00:00 PM	12/16/2021 6:00:00 PM	Chloride	n/a	=	46	mg/L	EPA 300.0	0.38	1	WKL	
MO-THO	2021/22-2	Wet	12/14/2021 4:00:00 PM	12/18/2021 4:06:00 AM	Fluoride	n/a	DNQ	0.12	mg/L	EPA 300.0	0.018	0.2	WKL	
MO-THO	2021/22-2	Wet	12/14/2021 4:00:00 PM	12/19/2021 2:54:00 AM	Perchlorate	n/a	<	0.78	µg/L	EPA 314.0	0.78	4	WKL	
MO-THO	2021/22-2	Wet	12/14/2021 4:00:00 PM	12/29/2021 7:11:00 PM	Calcium	Total	=	46	mg/L	EPA 200.7	0.16	0.5	WKL	
MO-THO	2021/22-2	Wet	12/14/2021 4:00:00 PM	12/29/2021 7:11:00 PM	Magnesium	Total	=	27	mg/L	EPA 200.7	0.039	0.5	WKL	
MO-THO	2021/22-2	Wet	12/14/2021 4:00:00 PM	12/20/2021 11:05:00 AM	Alkalinity as CaCO3	n/a	=	76	mg/L	SM 2320 B	2.3	5	WKL	
MO-THO	2021/22-2	Wet	12/14/2021 4:00:00 PM	12/21/2021 2:03:00 PM	BOD	n/a	=	9.6	mg/L	SM 5210 B	2	2	WKL	
MO-THO	2021/22-2	Wet	12/14/2021 4:00:00 PM	1/2/2022 11:33:00 AM	COD	n/a	=	110	mg/L	EPA 410.4	2.9	5	WKL	
MO-THO	2021/22-2	Wet	12/14/2021 4:00:00 PM	12/29/2021 7:11:00 PM	Hardness as CaCO3	Total	=	226	mg/L	EPA 200.7	0.56	3.31	WKL	
MO-THO	2021/22-2	Wet	12/14/2021 4:00:00 PM	12/15/2021 7:29:00 PM	MBAS	n/a	DNQ	0.017	mg/L	SM 5540 C	0.013	0.05	WKL	
MO-THO	2021/22-2	Wet	12/14/2021 4:00:00 PM	1/2/2022 12:48:00 PM	Phenolics	n/a	=	0.02	mg/L	EPA 420.4	0.0068	0.01	WKL	
MO-THO	2021/22-2	Wet	12/14/2021 4:00:00 PM	12/16/2021 2:02:00 PM	Specific Conductance	n/a	=	410	µmhos/cm	SM 2510 B	1.1	2	WKL	
MO-THO	2021/22-2	Wet	12/14/2021 4:00:00 PM	12/21/2021 1:10:00 PM	Total Dissolved Solids	n/a	=	250	mg/L	SM 2540 C	4	10	WKL	
MO-THO	2021/22-2	Wet	12/14/2021 4:00:00 PM	12/24/2021 5:23:00 AM	Total Organic Carbon	n/a	=	10	mg/L	SM 5310 B	0.19	0.3	WKL	
MO-THO	2021/22-2	Wet	12/14/2021 4:00:00 PM	12/20/2021 7:00:00 PM	Total Suspended Solids	n/a	=	890	mg/L	SM 2540 D	-88	5	WKL	
MO-THO	2021/22-2	Wet	12/14/2021 4:00:00 PM	12/15/2021 5:46:00 PM	Turbidity	n/a	=	80	NTU	EPA 180.1	1.7	10	WKL	
MO-THO	2021/22-2	Wet	12/14/2021 4:00:00 PM	12/20/2021 7:00:00 PM	Volatile Suspended Solids	n/a	=	110	mg/L	EPA 160.4	3.1	5	WKL	
MO-THO	2021/22-2	Wet	12/14/2021 4:00:00 PM	12/30/2021 12:19:00 AM	Diesel Range Organics	n/a	=	0.19	mg/L	EPA 8015B	0.072	0.1	WKL	EST-LCSRPD
MO-THO	2021/22-2	Wet	12/14/2021 4:00:00 PM	12/30/2021 12:19:00 AM	Oil Range Organics	n/a	<	0.33	mg/L	EPA 8015B	0.33	0.5	WKL	
MO-THO	2021/22-2	Wet	12/14/2021 4:00:00 PM	1/17/2022 7:48:00 PM	Aluminum	Dissolved	=	21	µg/L	EPA 200.8	4.4	20	WKL	
MO-THO	2021/22-2	Wet	12/14/2021 4:00:00 PM	1/17/2022 8:17:00 PM	Aluminum	Total	=	14000	µg/L	EPA 200.8	22	100	WKL	LB-MSR
MO-THO	2021/22-2	Wet	12/14/2021 4:00:00 PM	1/17/2022 7:48:00 PM	Antimony	Dissolved	DNQ	0.46	µg/L	EPA 200.8	0.089	0.5	WKL	
MO-THO	2021/22-2	Wet	12/14/2021 4:00:00 PM	1/17/2022 7:51:00 PM	Antimony	Total	=	0.71	µg/L	EPA 200.8	0.089	0.5	WKL	LB-MSR
MO-THO	2021/22-2	Wet	12/14/2021 4:00:00 PM	1/17/2022 7:48:00 PM	Arsenic	Dissolved	=	1.8	µg/L	EPA 200.8	0.074	0.4	WKL	
MO-THO	2021/22-2	Wet	12/14/2021 4:00:00 PM	1/17/2022 7:51:00 PM	Arsenic	Total	=	4.9	µg/L	EPA 200.8	0.074	0.4	WKL	
MO-THO	2021/22-2	Wet	12/14/2021 4:00:00 PM	1/17/2022 7:51:00 PM	Barium	Total	=	93	µg/L	EPA 200.8	0.14	1	WKL	
MO-THO	2021/22-2	Wet	12/14/2021 4:00:00 PM	1/17/2022 7:48:00 PM	Beryllium	Dissolved	<	0.062	µg/L	EPA 200.8	0.062	0.1	WKL	
MO-THO	2021/22-2	Wet	12/14/2021 4:00:00 PM	1/17/2022 7:51:00 PM	Beryllium	Total	=	0.41	µg/L	EPA 200.8	0.062	0.1	WKL	
MO-THO	2021/22-2	Wet	12/14/2021 4:00:00 PM	1/17/2022 7:48:00 PM	Cadmium	Dissolved	<	0.042	µg/L	EPA 200.8	0.042	0.2	WKL	
MO-THO	2021/22-2	Wet	12/14/2021 4:00:00 PM	1/17/2022 7:51:00 PM	Cadmium	Total	=	1.1	µg/L	EPA 200.8	0.042	0.2	WKL	
MO-THO	2021/22-2	Wet	12/14/2021 4:00:00 PM	1/17/2022 7:48:00 PM	Chromium	Dissolved	=	0.35	µg/L	EPA 200.8	0.089	0.2	WKL	
MO-THO	2021/22-2	Wet	12/14/2021 4:00:00 PM	1/17/2022 7:51:00 PM	Chromium	Total	=	38	µg/L	EPA 200.8	0.089	0.2	WKL	
MO-THO	2021/22-2	Wet	12/14/2021 4:00:00 PM	12/20/2021 4:39:00 PM	Chromium VI	n/a	=	0.17	µg/L	EPA 218.6	0.0079	0.02	WKL	
MO-THO	2021/22-2	Wet	12/14/2021 4:00:00 PM	1/17/2022 7:48:00 PM	Copper	Dissolved	=	3.3	µg/L	EPA 200.8	0.23	0.5	WKL	
MO-THO	2021/22-2	Wet	12/14/2021 4:00:00 PM	1/17/2022 7:51:00 PM	Copper	Total	=	32	µg/L	EPA 200.8	0.23	0.5	WKL	
MO-THO	2021/22-2	Wet	12/14/2021 4:00:00 PM	1/17/2022 7:48:00 PM	Iron	Dissolved	=	62	µg/L	EPA 200.8	3.9	20	WKL	
MO-THO	2021/22-2	Wet	12/14/2021 4:00:00 PM	1/17/2022 8:17:00 PM	Iron	Total	=	21000	µg/L	EPA 200.8	20	100	WKL	LB-MSR
MO-THO	2021/22-2	Wet	12/14/2021 4:00:00 PM	1/17/2022 7:48:00 PM	Lead	Dissolved	DNQ	0.092	µg/L	EPA 200.8	0.083	0.2	WKL	
MO-THO	2021/22-2	Wet	12/14/2021 4:00:00 PM	1/17/2022 7:51:00 PM	Lead	Total	=	9.5	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-THO	2021/22-2	Wet	12/14/2021 4:00:00 PM	12/27/2021 3:20:00 PM	Mercury	Dissolved	<	17	ng/L	EPA 245.1	17	50	WKL	
MO-THO	2021/22-2	Wet	12/14/2021 4:00:00 PM	12/27/2021 3:22:00 PM	Mercury	Total	DNQ	31	ng/L	EPA 245.1	17	50	WKL	
MO-THO	2021/22-2	Wet	12/14/2021 4:00:00 PM	1/17/2022 7:48:00 PM	Nickel	Dissolved	=	2	µg/L	EPA 200.8	0.16	2	WKL	
MO-THO	2021/22-2	Wet	12/14/2021 4:00:00 PM	1/17/2022 7:51:00 PM	Nickel	Total	=	35	µg/L	EPA 200.8	0.16	2	WKL	
MO-THO	2021/22-2	Wet	12/14/2021 4:00:00 PM	1/17/2022 7:48:00 PM	Selenium	Dissolved	=	0.61	µg/L	EPA 200.8	0.067	0.4	WKL	
MO-THO	2021/22-2	Wet	12/14/2021 4:00:00 PM	1/17/2022 7:51:00 PM	Selenium	Total	=	1.7	µg/L	EPA 200.8	0.067	0.4	WKL	
MO-THO	2021/22-2	Wet	12/14/2021 4:00:00 PM	1/17/2022 7:48:00 PM	Silver	Dissolved	<	0.03	µg/L	EPA 200.8	0.03	0.2	WKL	
MO-THO	2021/22-2	Wet	12/14/2021 4:00:00 PM	1/17/2022 7:51:00 PM	Silver	Total	DNQ	0.088	µg/L	EPA 200.8	0.03	0.2	WKL	UL-MB
MO-THO	2021/22-2	Wet	12/14/2021 4:00:00 PM	1/17/2022 7:48:00 PM	Thallium	Dissolved	<	0.021	µg/L	EPA 200.8	0.021	0.2	WKL	
MO-THO	2021/22-2	Wet	12/14/2021 4:00:00 PM	1/17/2022 7:51:00 PM	Thallium	Total	DNQ	0.17	µg/L	EPA 200.8	0.021	0.2	WKL	
MO-THO	2021/22-2	Wet	12/14/2021 4:00:00 PM	1/17/2022 7:48:00 PM	Zinc	Dissolved	DNQ	3.2	µg/L	EPA 200.8	0.8	10	WKL	
MO-THO	2021/22-2	Wet	12/14/2021 4:00:00 PM	1/17/2022 7:51:00 PM	Zinc	Total	=	110	µg/L	EPA 200.8	0.8	10	WKL	
MO-THO	2021/22-2	Wet	12/14/2021 4:00:00 PM	12/29/2021 4:03:00 PM	Ammonia as N	n/a	=	0.2	mg/L	EPA 350.1	0.017	0.1	WKL	
MO-THO	2021/22-2	Wet	12/14/2021 4:00:00 PM	1/10/2022 4:56:00 PM	Nitrate + Nitrite as N	n/a	=	0.69	mg/L	EPA 353.2	0.036	0.2	WKL	
MO-THO	2021/22-2	Wet	12/14/2021 4:00:00 PM	12/29/2021 7:08:00 PM	Phosphorus as P	Dissolved	=	0.22	mg/L	EPA 200.7	0.018	0.05	WKL	
MO-THO	2021/22-2	Wet	12/14/2021 4:00:00 PM	12/29/2021 7:11:00 PM	Phosphorus as P	Total	=	1	mg/L	EPA 200.7	0.018	0.05	WKL	
MO-THO	2021/22-2	Wet	12/14/2021 4:00:00 PM	1/6/2022 6:15:00 PM	TKN	n/a	=	3.1	mg/L	EPA 351.2	0.26	0.4	WKL	
MO-THO	2021/22-2	Wet	12/14/2021 4:00:00 PM	1/19/2022 2:19:00 AM	1,2,4-Trichlorobenzene	n/a	<	0.49	µg/L	EPA 625.1	0.49	1	WKL	
MO-THO	2021/22-2	Wet	12/14/2021 4:00:00 PM	1/19/2022 2:19:00 AM	1,2-Dichlorobenzene	n/a	<	0.46	µg/L	EPA 625.1	0.46	1	WKL	
MO-THO	2021/22-2	Wet	12/14/2021 4:00:00 PM	1/19/2022 2:19:00 AM	1,2-Diphenylhydrazine	n/a	<	0.3	µg/L	EPA 625.1	0.3	1	WKL	
MO-THO	2021/22-2	Wet	12/14/2021 4:00:00 PM	1/19/2022 2:19:00 AM	1,3-Dichlorobenzene	n/a	<	0.42	µg/L	EPA 625.1	0.42	1	WKL	
MO-THO	2021/22-2	Wet	12/14/2021 4:00:00 PM	1/19/2022 2:19:00 AM	1,4-Dichlorobenzene	n/a	<	0.48	µg/L	EPA 625.1	0.48	1	WKL	
MO-THO	2021/22-2	Wet	12/14/2021 4:00:00 PM	1/15/2022 2:24:00 PM	1-Methylnaphthalene	n/a	<	0.024	µg/L	EPA 8270C	0.024	0.1	WKL	
MO-THO	2021/22-2	Wet	12/14/2021 4:00:00 PM	1/14/2022 8:01:00 AM	2,4,5-Trichlorophenol	n/a	<	0.29	µg/L	EPA 8270C	0.29	1	WKL	
MO-THO	2021/22-2	Wet	12/14/2021 4:00:00 PM	1/19/2022 2:19:00 AM	2,4,6-Trichlorophenol	n/a	<	0.22	µg/L	EPA 625.1	0.22	1	WKL	
MO-THO	2021/22-2	Wet	12/14/2021 4:00:00 PM	1/14/2022 8:01:00 AM	2,4,6-Trichlorophenol	n/a	<	0.3	µg/L	EPA 8270C	0.3	1	WKL	
MO-THO	2021/22-2	Wet	12/14/2021 4:00:00 PM	1/19/2022 2:19:00 AM	2,4-Dichlorophenol	n/a	<	0.26	µg/L	EPA 625.1	0.26	1	WKL	
MO-THO	2021/22-2	Wet	12/14/2021 4:00:00 PM	1/14/2022 8:01:00 AM	2,4-Dichlorophenol	n/a	<	0.51	µg/L	EPA 8270C	0.51	1	WKL	
MO-THO	2021/22-2	Wet	12/14/2021 4:00:00 PM	1/19/2022 2:19:00 AM	2,4-Dimethylphenol	n/a	<	0.76	µg/L	EPA 625.1	0.76	1	WKL	LCSRPD, LB-L
MO-THO	2021/22-2	Wet	12/14/2021 4:00:00 PM	1/14/2022 8:01:00 AM	2,4-Dimethylphenol	n/a	<	1	µg/L	EPA 8270C	1	2	WKL	EST-LCSRPD
MO-THO	2021/22-2	Wet	12/14/2021 4:00:00 PM	1/19/2022 2:19:00 AM	2,4-Dinitrophenol	n/a	<	1.9	µg/L	EPA 625.1	1.9	10	WKL	
MO-THO	2021/22-2	Wet	12/14/2021 4:00:00 PM	1/14/2022 8:01:00 AM	2,4-Dinitrophenol	n/a	<	1	µg/L	EPA 8270C	1	2	WKL	
MO-THO	2021/22-2	Wet	12/14/2021 4:00:00 PM	1/19/2022 2:19:00 AM	2,4-Dinitrotoluene	n/a	<	0.46	µg/L	EPA 625.1	0.46	1	WKL	
MO-THO	2021/22-2	Wet	12/14/2021 4:00:00 PM	1/19/2022 2:19:00 AM	2,6-Dinitrotoluene	n/a	<	0.27	µg/L	EPA 625.1	0.27	1	WKL	
MO-THO	2021/22-2	Wet	12/14/2021 4:00:00 PM	1/19/2022 2:19:00 AM	2-Chloronaphthalene	n/a	<	0.45	µg/L	EPA 625.1	0.45	1	WKL	
MO-THO	2021/22-2	Wet	12/14/2021 4:00:00 PM	1/14/2022 8:01:00 AM	2-Chlorophenol	n/a	<	0.65	µg/L	EPA 8270C	0.65	1	WKL	
MO-THO	2021/22-2	Wet	12/14/2021 4:00:00 PM	1/19/2022 2:19:00 AM	2-Chlorophenol	n/a	<	0.28	µg/L	EPA 625.1	0.28	1	WKL	
MO-THO	2021/22-2	Wet	12/14/2021 4:00:00 PM	1/15/2022 2:24:00 PM	2-Methylnaphthalene	n/a	<	0.026	µg/L	EPA 8270C	0.026	0.1	WKL	
MO-THO	2021/22-2	Wet	12/14/2021 4:00:00 PM	1/14/2022 8:01:00 AM	2-Methylphenol	n/a	<	0.34	µg/L	EPA 8270C	0.34	1	WKL	
MO-THO	2021/22-2	Wet	12/14/2021 4:00:00 PM	1/19/2022 2:19:00 AM	2-Nitrophenol	n/a	<	0.26	µg/L	EPA 625.1	0.26	1	WKL	
MO-THO	2021/22-2	Wet	12/14/2021 4:00:00 PM	1/14/2022 8:01:00 AM	2-Nitrophenol	n/a	<	0.71	µg/L	EPA 8270C	0.71	1	WKL	
MO-THO	2021/22-2	Wet	12/14/2021 4:00:00 PM	1/19/2022 2:19:00 AM	3,3'-Dichlorobenzidine	n/a	<	2.5	µg/L	EPA 625.1	2.5	5	WKL	
MO-THO	2021/22-2	Wet	12/14/2021 4:00:00 PM	1/14/2022 8:01:00 AM	3-/4-Methylphenol	n/a	<	0.3	µg/L	EPA 8270C	0.3	1	WKL	
MO-THO	2021/22-2	Wet	12/14/2021 4:00:00 PM	1/14/2022 8:01:00 AM	4,6-Dinitro-2-methylphenol	n/a	DNQ	0.43	µg/L	EPA 8270C	0.14	1	WKL	
MO-THO	2021/22-2	Wet	12/14/2021 4:00:00 PM	1/19/2022 2:19:00 AM	4,6-Dinitro-2-methylphenol	n/a	<	0.5	µg/L	EPA 625.1	0.5	5	WKL	
MO-THO	2021/22-2	Wet	12/14/2021 4:00:00 PM	1/19/2022 2:19:00 AM	4-Bromophenyl phenyl ether	n/a	<	0.36	µg/L	EPA 625.1	0.36	1	WKL	
MO-THO	2021/22-2	Wet	12/14/2021 4:00:00 PM	1/19/2022 2:19:00 AM	4-Chloro-3-methylphenol	n/a	<	0.23	µg/L	EPA 625.1	0.23	1	WKL	
MO-THO	2021/22-2	Wet	12/14/2021 4:00:00 PM	1/14/2022 8:01:00 AM	4-Chloro-3-methylphenol	n/a	<	0.37	µg/L	EPA 8270C	0.37	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	2021/22-2	Wet	12/14/2021 4:00:00 PM	1/19/2022 2:19:00 AM	4-Chlorophenyl phenyl ether	n/a	<	0.41	µg/L	EPA 625.1	0.41	1	WKL	
MO-THO	2021/22-2	Wet	12/14/2021 4:00:00 PM	1/19/2022 2:19:00 AM	4-Nitrophenol	n/a	<	1.2	µg/L	EPA 625.1	1.2	5	WKL	
MO-THO	2021/22-2	Wet	12/14/2021 4:00:00 PM	1/14/2022 8:01:00 AM	4-Nitrophenol	n/a	<	1	µg/L	EPA 8270C	1	2	WKL	
MO-THO	2021/22-2	Wet	12/14/2021 4:00:00 PM	1/19/2022 2:19:00 AM	Acenaphthene	n/a	<	0.38	µg/L	EPA 625.1	0.38	1	WKL	
MO-THO	2021/22-2	Wet	12/14/2021 4:00:00 PM	1/15/2022 2:24:00 PM	Acenaphthene	n/a	<	0.028	µg/L	EPA 8270C	0.028	0.1	WKL	
MO-THO	2021/22-2	Wet	12/14/2021 4:00:00 PM	1/15/2022 2:24:00 PM	Acenaphthylene	n/a	<	0.033	µg/L	EPA 8270C	0.033	0.1	WKL	
MO-THO	2021/22-2	Wet	12/14/2021 4:00:00 PM	1/19/2022 2:19:00 AM	Acenaphthylene	n/a	<	0.35	µg/L	EPA 625.1	0.35	1	WKL	
MO-THO	2021/22-2	Wet	12/14/2021 4:00:00 PM	1/15/2022 2:24:00 PM	Anthracene	n/a	<	0.025	µg/L	EPA 8270C	0.025	0.1	WKL	
MO-THO	2021/22-2	Wet	12/14/2021 4:00:00 PM	1/19/2022 2:19:00 AM	Anthracene	n/a	<	0.41	µg/L	EPA 625.1	0.41	1	WKL	
MO-THO	2021/22-2	Wet	12/14/2021 4:00:00 PM	1/19/2022 2:19:00 AM	Benz(a)anthracene	n/a	<	0.19	µg/L	EPA 625.1	0.19	1	WKL	
MO-THO	2021/22-2	Wet	12/14/2021 4:00:00 PM	1/15/2022 2:24:00 PM	Benz(a)anthracene	n/a	<	0.051	µg/L	EPA 8270C	0.051	0.1	WKL	
MO-THO	2021/22-2	Wet	12/14/2021 4:00:00 PM	1/19/2022 2:19:00 AM	Benzo(a)pyrene	n/a	<	3.2	µg/L	EPA 625.1	3.2	10	WKL	
MO-THO	2021/22-2	Wet	12/14/2021 4:00:00 PM	1/19/2022 2:19:00 AM	Benzo(a)pyrene	n/a	<	0.39	µg/L	EPA 625.1	0.39	1	WKL	
MO-THO	2021/22-2	Wet	12/14/2021 4:00:00 PM	1/15/2022 2:24:00 PM	Benzo(a)pyrene	n/a	<	0.051	µg/L	EPA 8270C	0.051	0.1	WKL	
MO-THO	2021/22-2	Wet	12/14/2021 4:00:00 PM	12/23/2021 10:51:00 PM	Benzo(a)pyrene	n/a	<	0.2	µg/L	EPA 525.2	0.2	1	WKL	
MO-THO	2021/22-2	Wet	12/14/2021 4:00:00 PM	1/19/2022 2:19:00 AM	Benzo(b)fluoranthene	n/a	<	0.46	µg/L	EPA 625.1	0.46	1	WKL	
MO-THO	2021/22-2	Wet	12/14/2021 4:00:00 PM	1/15/2022 2:24:00 PM	Benzo(b)fluoranthene	n/a	<	0.074	µg/L	EPA 8270C	0.074	0.1	WKL	
MO-THO	2021/22-2	Wet	12/14/2021 4:00:00 PM	1/19/2022 2:19:00 AM	Benzo(g,h,i)perylene	n/a	<	0.42	µg/L	EPA 625.1	0.42	2	WKL	
MO-THO	2021/22-2	Wet	12/14/2021 4:00:00 PM	1/15/2022 2:24:00 PM	Benzo(g,h,i)perylene	n/a	<	0.05	µg/L	EPA 8270C	0.05	0.1	WKL	
MO-THO	2021/22-2	Wet	12/14/2021 4:00:00 PM	1/19/2022 2:19:00 AM	Benzo(k)fluoranthene	n/a	<	0.22	µg/L	EPA 625.1	0.22	1	WKL	
MO-THO	2021/22-2	Wet	12/14/2021 4:00:00 PM	1/15/2022 2:24:00 PM	Benzo(k)fluoranthene	n/a	<	0.026	µg/L	EPA 8270C	0.026	0.1	WKL	
MO-THO	2021/22-2	Wet	12/14/2021 4:00:00 PM	1/19/2022 2:19:00 AM	Bis(2-chloroethoxy)methane	n/a	<	0.25	µg/L	EPA 625.1	0.25	1	WKL	
MO-THO	2021/22-2	Wet	12/14/2021 4:00:00 PM	1/19/2022 2:19:00 AM	Bis(2-chloroethyl)ether	n/a	<	0.27	µg/L	EPA 625.1	0.27	1	WKL	
MO-THO	2021/22-2	Wet	12/14/2021 4:00:00 PM	1/19/2022 2:19:00 AM	Bis(2-chloroisopropyl)ether	n/a	<	0.38	µg/L	EPA 625.1	0.38	1	WKL	
MO-THO	2021/22-2	Wet	12/14/2021 4:00:00 PM	12/23/2021 10:51:00 PM	Bis(2-ethylhexyl)adipate	n/a	<	4.2	µg/L	EPA 525.2	4.2	50	WKL	
MO-THO	2021/22-2	Wet	12/14/2021 4:00:00 PM	12/23/2021 10:51:00 PM	Bis(2-ethylhexyl)phthalate	n/a	<	4.1	µg/L	EPA 525.2	4.1	30	WKL	
MO-THO	2021/22-2	Wet	12/14/2021 4:00:00 PM	1/19/2022 2:19:00 AM	Bis(2-ethylhexyl)phthalate	n/a	<	2.3	µg/L	EPA 625.1	2.3	5	WKL	
MO-THO	2021/22-2	Wet	12/14/2021 4:00:00 PM	1/19/2022 2:19:00 AM	Butyl benzyl phthalate	n/a	DNQ	0.58	µg/L	EPA 625.1	0.49	1	WKL	
MO-THO	2021/22-2	Wet	12/14/2021 4:00:00 PM	1/19/2022 2:19:00 AM	Chrysene	n/a	<	0.19	µg/L	EPA 625.1	0.19	1	WKL	
MO-THO	2021/22-2	Wet	12/14/2021 4:00:00 PM	1/15/2022 2:24:00 PM	Chrysene	n/a	<	0.074	µg/L	EPA 8270C	0.074	0.1	WKL	
MO-THO	2021/22-2	Wet	12/14/2021 4:00:00 PM	1/19/2022 2:19:00 AM	Dibenz(a,h)anthracene	n/a	<	0.15	µg/L	EPA 625.1	0.15	2	WKL	
MO-THO	2021/22-2	Wet	12/14/2021 4:00:00 PM	1/15/2022 2:24:00 PM	Dibenz(a,h)anthracene	n/a	<	0.036	µg/L	EPA 8270C	0.036	0.1	WKL	
MO-THO	2021/22-2	Wet	12/14/2021 4:00:00 PM	1/19/2022 2:19:00 AM	Diethyl phthalate	n/a	<	0.35	µg/L	EPA 625.1	0.35	1	WKL	
MO-THO	2021/22-2	Wet	12/14/2021 4:00:00 PM	1/19/2022 2:19:00 AM	Dimethyl phthalate	n/a	=	4.3	µg/L	EPA 625.1	0.18	1	WKL	
MO-THO	2021/22-2	Wet	12/14/2021 4:00:00 PM	1/19/2022 2:19:00 AM	Di-n-butylphthalate	n/a	DNQ	0.38	µg/L	EPA 625.1	0.34	1	WKL	
MO-THO	2021/22-2	Wet	12/14/2021 4:00:00 PM	1/19/2022 2:19:00 AM	Di-n-octylphthalate	n/a	<	0.46	µg/L	EPA 625.1	0.46	1	WKL	
MO-THO	2021/22-2	Wet	12/14/2021 4:00:00 PM	1/19/2022 2:19:00 AM	Fluoranthene	n/a	<	0.35	µg/L	EPA 625.1	0.35	1	WKL	
MO-THO	2021/22-2	Wet	12/14/2021 4:00:00 PM	1/15/2022 2:24:00 PM	Fluoranthene	n/a	<	0.039	µg/L	EPA 8270C	0.039	0.1	WKL	
MO-THO	2021/22-2	Wet	12/14/2021 4:00:00 PM	1/15/2022 2:24:00 PM	Fluorene	n/a	<	0.029	µg/L	EPA 8270C	0.029	0.1	WKL	
MO-THO	2021/22-2	Wet	12/14/2021 4:00:00 PM	1/19/2022 2:19:00 AM	Fluorene	n/a	<	0.35	µg/L	EPA 625.1	0.35	1	WKL	
MO-THO	2021/22-2	Wet	12/14/2021 4:00:00 PM	1/19/2022 2:19:00 AM	Hexachlorobenzene	n/a	<	0.49	µg/L	EPA 625.1	0.49	1	WKL	
MO-THO	2021/22-2	Wet	12/14/2021 4:00:00 PM	1/19/2022 2:19:00 AM	Hexachlorobutadiene	n/a	<	0.47	µg/L	EPA 625.1	0.47	1	WKL	
MO-THO	2021/22-2	Wet	12/14/2021 4:00:00 PM	12/23/2021 10:51:00 PM	Hexachlorocyclopentadiene	n/a	<	0.92	µg/L	EPA 525.2	0.92	10	WKL	
MO-THO	2021/22-2	Wet	12/14/2021 4:00:00 PM	1/19/2022 2:19:00 AM	Hexachlorocyclopentadiene	n/a	<	0.31	µg/L	EPA 625.1	0.31	5	WKL	
MO-THO	2021/22-2	Wet	12/14/2021 4:00:00 PM	1/19/2022 2:19:00 AM	Hexachloroethane	n/a	<	0.5	µg/L	EPA 625.1	0.5	1	WKL	
MO-THO	2021/22-2	Wet	12/14/2021 4:00:00 PM	1/19/2022 2:19:00 AM	Indeno(1,2,3-cd)pyrene	n/a	<	0.25	µg/L	EPA 625.1	0.25	2	WKL	
MO-THO	2021/22-2	Wet	12/14/2021 4:00:00 PM	1/15/2022 2:24:00 PM	Indeno(1,2,3-cd)pyrene	n/a	<	0.065	µg/L	EPA 8270C	0.065	0.1	WKL	
MO-THO	2021/22-2	Wet	12/14/2021 4:00:00 PM	1/19/2022 2:19:00 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
MO-THO	2021/22-2	Wet	12/14/2021 4:00:00 PM	1/19/2022 2:19:00 AM	Naphthalene	n/a	<	0.49	µg/L	EPA 625.1	0.49	1	WKL	
MO-THO	2021/22-2	Wet	12/14/2021 4:00:00 PM	1/15/2022 2:24:00 PM	Naphthalene	n/a	<	0.026	µg/L	EPA 8270C	0.026	0.1	WKL	
MO-THO	2021/22-2	Wet	12/14/2021 4:00:00 PM	1/19/2022 2:19:00 AM	Nitrobenzene	n/a	<	0.36	µg/L	EPA 625.1	0.36	1	WKL	
MO-THO	2021/22-2	Wet	12/14/2021 4:00:00 PM	1/19/2022 2:19:00 AM	N-Nitrosodimethylamine	n/a	<	0.5	µg/L	EPA 625.1	0.5	1	WKL	
MO-THO	2021/22-2	Wet	12/14/2021 4:00:00 PM	1/19/2022 2:19:00 AM	N-Nitrosodi-N-propylamine	n/a	<	0.26	µg/L	EPA 625.1	0.26	1	WKL	
MO-THO	2021/22-2	Wet	12/14/2021 4:00:00 PM	1/19/2022 2:19:00 AM	N-Nitrosodiphenylamine	n/a	<	0.19	µg/L	EPA 625.1	0.19	1	WKL	
MO-THO	2021/22-2	Wet	12/14/2021 4:00:00 PM	1/15/2022 2:24:00 PM	Phenanthrene	n/a	<	0.029	µg/L	EPA 8270C	0.029	0.1	WKL	
MO-THO	2021/22-2	Wet	12/14/2021 4:00:00 PM	1/19/2022 2:19:00 AM	Phenanthrene	n/a	<	0.32	µg/L	EPA 625.1	0.32	1	WKL	
MO-THO	2021/22-2	Wet	12/14/2021 4:00:00 PM	1/19/2022 2:19:00 AM	Phenol	n/a	<	0.81	µg/L	EPA 625.1	0.81	1	WKL	
MO-THO	2021/22-2	Wet	12/14/2021 4:00:00 PM	1/14/2022 8:01:00 AM	Phenol	n/a	<	0.35	µg/L	EPA 8270C	0.35	1	WKL	
MO-THO	2021/22-2	Wet	12/14/2021 4:00:00 PM	1/19/2022 2:19:00 AM	Pyrene	n/a	<	0.25	µg/L	EPA 625.1	0.25	1	WKL	
MO-THO	2021/22-2	Wet	12/14/2021 4:00:00 PM	1/15/2022 2:24:00 PM	Pyrene	n/a	<	0.04	µg/L	EPA 8270C	0.04	0.1	WKL	
MO-THO	2021/22-2	Wet	12/14/2021 4:00:00 PM	1/13/2022 1:36:00 PM	PCB Aroclor 1016	n/a	<	0.5	µg/L	EPA 608.3	0.5	2.5	WKL	
MO-THO	2021/22-2	Wet	12/14/2021 4:00:00 PM	1/13/2022 1:36:00 PM	PCB Aroclor 1221	n/a	<	0.5	µg/L	EPA 608.3	0.5	2.5	WKL	
MO-THO	2021/22-2	Wet	12/14/2021 4:00:00 PM	1/13/2022 1:36:00 PM	PCB Aroclor 1232	n/a	<	0.5	µg/L	EPA 608.3	0.5	2.5	WKL	
MO-THO	2021/22-2	Wet	12/14/2021 4:00:00 PM	1/13/2022 1:36:00 PM	PCB Aroclor 1242	n/a	<	0.5	µg/L	EPA 608.3	0.5	2.5	WKL	
MO-THO	2021/22-2	Wet	12/14/2021 4:00:00 PM	1/13/2022 1:36:00 PM	PCB Aroclor 1248	n/a	<	0.5	µg/L	EPA 608.3	0.5	2.5	WKL	
MO-THO	2021/22-2	Wet	12/14/2021 4:00:00 PM	1/13/2022 1:36:00 PM	PCB Aroclor 1254	n/a	<	0.5	µg/L	EPA 608.3	0.5	2.5	WKL	
MO-THO	2021/22-2	Wet	12/14/2021 4:00:00 PM	1/13/2022 1:36:00 PM	PCB Aroclor 1260	n/a	<	0.5	µg/L	EPA 608.3	0.5	2.5	WKL	
MO-THO	2021/22-2	Wet	12/14/2021 4:00:00 PM	1/6/2022 11:44:00 PM	2,4,5-T	n/a	<	0.03	µg/L	EPA 515.4	0.03	0.2	WKL	
MO-THO	2021/22-2	Wet	12/14/2021 4:00:00 PM	1/6/2022 11:44:00 PM	2,4,5-TP	n/a	<	0.026	µg/L	EPA 515.4	0.026	0.2	WKL	
MO-THO	2021/22-2	Wet	12/14/2021 4:00:00 PM	1/6/2022 11:44:00 PM	2,4-D	n/a	<	3	µg/L	EPA 515.4	3	3	WKL	
MO-THO	2021/22-2	Wet	12/14/2021 4:00:00 PM	1/6/2022 11:44:00 PM	2,4-DB	n/a	<	0.19	µg/L	EPA 515.4	0.19	2	WKL	
MO-THO	2021/22-2	Wet	12/14/2021 4:00:00 PM	1/6/2022 11:44:00 PM	3,5-Dichlorobenzoic acid	n/a	<	0.12	µg/L	EPA 515.4	0.12	1	WKL	
MO-THO	2021/22-2	Wet	12/14/2021 4:00:00 PM	1/13/2022 1:36:00 PM	4,4'-DDD	n/a	<	0.0035	µg/L	EPA 608.3	0.0035	0.25	WKL	
MO-THO	2021/22-2	Wet	12/14/2021 4:00:00 PM	1/13/2022 1:36:00 PM	4,4'-DDE	n/a	<	0.0035	µg/L	EPA 608.3	0.0035	0.25	WKL	
MO-THO	2021/22-2	Wet	12/14/2021 4:00:00 PM	1/13/2022 1:36:00 PM	4,4'-DDT	n/a	<	0.0055	µg/L	EPA 608.3	0.0055	0.05	WKL	
MO-THO	2021/22-2	Wet	12/14/2021 4:00:00 PM	1/6/2022 11:44:00 PM	Acifluorfen	n/a	<	0.4	µg/L	EPA 515.4	0.4	0.4	WKL	
MO-THO	2021/22-2	Wet	12/14/2021 4:00:00 PM	12/23/2021 10:51:00 PM	Alachlor	n/a	<	0.3	µg/L	EPA 525.2	0.3	1	WKL	
MO-THO	2021/22-2	Wet	12/14/2021 4:00:00 PM	1/13/2022 1:36:00 PM	Aldrin	n/a	<	0.005	µg/L	EPA 608.3	0.005	0.025	WKL	
MO-THO	2021/22-2	Wet	12/14/2021 4:00:00 PM	1/13/2022 1:36:00 PM	alpha-BHC	n/a	<	0.0055	µg/L	EPA 608.3	0.0055	0.05	WKL	
MO-THO	2021/22-2	Wet	12/14/2021 4:00:00 PM	1/13/2022 1:36:00 PM	alpha-Chlordane	n/a	<	0.014	µg/L	EPA 608.3	0.014	0.05	WKL	
MO-THO	2021/22-2	Wet	12/14/2021 4:00:00 PM	12/23/2021 10:51:00 PM	Atrazine	n/a	<	0.11	µg/L	EPA 525.2	0.11	1	WKL	
MO-THO	2021/22-2	Wet	12/14/2021 4:00:00 PM	1/11/2022 9:54:00 AM	Azinphos methyl	n/a	<	0.0055	µg/L	EPA 625.1m	0.0055	0.01	WKL	
MO-THO	2021/22-2	Wet	12/14/2021 4:00:00 PM	1/6/2022 11:44:00 PM	Bentazon	n/a	<	0.23	µg/L	EPA 515.4	0.23	2	WKL	
MO-THO	2021/22-2	Wet	12/14/2021 4:00:00 PM	1/13/2022 1:36:00 PM	beta-BHC	n/a	<	0.0075	µg/L	EPA 608.3	0.0075	0.025	WKL	
MO-THO	2021/22-2	Wet	12/14/2021 4:00:00 PM	1/11/2022 9:54:00 AM	Bolstar	n/a	<	0.0046	µg/L	EPA 625.1m	0.0046	0.01	WKL	
MO-THO	2021/22-2	Wet	12/14/2021 4:00:00 PM	12/23/2021 10:51:00 PM	Bromacil	n/a	<	0.7	µg/L	EPA 525.2	0.7	5	WKL	
MO-THO	2021/22-2	Wet	12/14/2021 4:00:00 PM	12/23/2021 10:51:00 PM	Butachlor	n/a	<	0.12	µg/L	EPA 525.2	0.12	1	WKL	
MO-THO	2021/22-2	Wet	12/14/2021 4:00:00 PM	12/23/2021 10:51:00 PM	Captan	n/a	<	3.2	µg/L	EPA 525.2	3.2	10	WKL	
MO-THO	2021/22-2	Wet	12/14/2021 4:00:00 PM	1/13/2022 1:36:00 PM	Chlordane (technical)	n/a	<	0.22	µg/L	EPA 608.3	0.22	0.5	WKL	
MO-THO	2021/22-2	Wet	12/14/2021 4:00:00 PM	12/23/2021 10:51:00 PM	Chlorpropham	n/a	<	0.4	µg/L	EPA 525.2	0.4	1	WKL	
MO-THO	2021/22-2	Wet	12/14/2021 4:00:00 PM	1/11/2022 9:54:00 AM	Chlorpyrifos	n/a	<	0.0069	µg/L	EPA 625.1m	0.0069	0.01	WKL	
MO-THO	2021/22-2	Wet	12/14/2021 4:00:00 PM	1/11/2022 9:54:00 AM	Coumaphos	n/a	<	0.0051	µg/L	EPA 625.1m	0.0051	0.01	WKL	
MO-THO	2021/22-2	Wet	12/14/2021 4:00:00 PM	1/6/2022 11:44:00 PM	Dalapon	n/a	<	0.11	µg/L	EPA 515.4	0.11	0.4	WKL	
MO-THO	2021/22-2	Wet	12/14/2021 4:00:00 PM	1/6/2022 11:44:00 PM	DCPA (Dacthal)	n/a	<	0.029	µg/L	EPA 515.4	0.029	0.1	WKL	
MO-THO	2021/22-2	Wet	12/14/2021 4:00:00 PM	1/13/2022 1:36:00 PM	delta-BHC	n/a	<	0.0095	µg/L	EPA 608.3	0.0095	0.025	WKL	EST-LCSRPD
MO-THO	2021/22-2	Wet	12/14/2021 4:00:00 PM	1/11/2022 9:54:00 AM	Demeton-O	n/a	<	0.01	µg/L	EPA 625.1m	0.01	0.01	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-THO	2021/22-2	Wet	12/14/2021 4:00:00 PM	1/11/2022 9:54:00 AM	Demeton-S	n/a	<	0.01	µg/L	EPA 625.1m	0.01	0.01	WKL	LB-LCSR
MO-THO	2021/22-2	Wet	12/14/2021 4:00:00 PM	12/23/2021 10:51:00 PM	Diazinon	n/a	<	0.22	µg/L	EPA 525.2	0.22	1	WKL	
MO-THO	2021/22-2	Wet	12/14/2021 4:00:00 PM	1/11/2022 9:54:00 AM	Diazinon	n/a	<	0.0052	µg/L	EPA 625.1m	0.0052	0.01	WKL	
MO-THO	2021/22-2	Wet	12/14/2021 4:00:00 PM	1/6/2022 11:44:00 PM	Dicamba	n/a	<	0.049	µg/L	EPA 515.4	0.049	0.6	WKL	
MO-THO	2021/22-2	Wet	12/14/2021 4:00:00 PM	1/6/2022 11:44:00 PM	Dichlorprop	n/a	<	0.12	µg/L	EPA 515.4	0.12	0.3	WKL	
MO-THO	2021/22-2	Wet	12/14/2021 4:00:00 PM	1/11/2022 9:54:00 AM	Dichlorvos	n/a	<	0.0029	µg/L	EPA 625.1m	0.0029	0.01	WKL	
MO-THO	2021/22-2	Wet	12/14/2021 4:00:00 PM	1/13/2022 1:36:00 PM	Dieldrin	n/a	<	0.004	µg/L	EPA 608.3	0.004	0.05	WKL	
MO-THO	2021/22-2	Wet	12/14/2021 4:00:00 PM	12/23/2021 10:51:00 PM	Dimethoate	n/a	<	0.2	µg/L	EPA 525.2	0.2	2	WKL	
MO-THO	2021/22-2	Wet	12/14/2021 4:00:00 PM	1/11/2022 9:54:00 AM	Dimethoate	n/a	<	0.0062	µg/L	EPA 625.1m	0.0062	0.01	WKL	LB-LCSR
MO-THO	2021/22-2	Wet	12/14/2021 4:00:00 PM	1/6/2022 11:44:00 PM	Dinoseb	n/a	<	0.033	µg/L	EPA 515.4	0.033	0.4	WKL	
MO-THO	2021/22-2	Wet	12/14/2021 4:00:00 PM	12/23/2021 10:51:00 PM	Diphenamid	n/a	<	0.3	µg/L	EPA 525.2	0.3	1	WKL	
MO-THO	2021/22-2	Wet	12/14/2021 4:00:00 PM	12/23/2021 10:51:00 PM	Disulfoton	n/a	<	0.15	µg/L	EPA 525.2	0.15	1	WKL	
MO-THO	2021/22-2	Wet	12/14/2021 4:00:00 PM	1/11/2022 9:54:00 AM	Disulfoton	n/a	<	0.01	µg/L	EPA 625.1m	0.01	0.01	WKL	
MO-THO	2021/22-2	Wet	12/14/2021 4:00:00 PM	1/13/2022 1:36:00 PM	Endosulfan I	n/a	<	0.0045	µg/L	EPA 608.3	0.0045	0.1	WKL	
MO-THO	2021/22-2	Wet	12/14/2021 4:00:00 PM	1/13/2022 1:36:00 PM	Endosulfan II	n/a	<	0.0035	µg/L	EPA 608.3	0.0035	0.05	WKL	
MO-THO	2021/22-2	Wet	12/14/2021 4:00:00 PM	1/13/2022 1:36:00 PM	Endosulfan sulfate	n/a	<	0.0065	µg/L	EPA 608.3	0.0065	0.25	WKL	
MO-THO	2021/22-2	Wet	12/14/2021 4:00:00 PM	1/13/2022 1:36:00 PM	Endrin	n/a	<	0.0085	µg/L	EPA 608.3	0.0085	0.05	WKL	
MO-THO	2021/22-2	Wet	12/14/2021 4:00:00 PM	1/13/2022 1:36:00 PM	Endrin aldehyde	n/a	<	0.0095	µg/L	EPA 608.3	0.0095	0.05	WKL	
MO-THO	2021/22-2	Wet	12/14/2021 4:00:00 PM	12/23/2021 10:51:00 PM	EPTC	n/a	<	0.2	µg/L	EPA 525.2	0.2	1	WKL	
MO-THO	2021/22-2	Wet	12/14/2021 4:00:00 PM	1/11/2022 9:54:00 AM	Ethoprop	n/a	<	0.0067	µg/L	EPA 625.1m	0.0067	0.01	WKL	LB-LCSR
MO-THO	2021/22-2	Wet	12/14/2021 4:00:00 PM	1/11/2022 9:54:00 AM	Ethyl parathion	n/a	<	0.0054	µg/L	EPA 625.1m	0.0054	0.01	WKL	
MO-THO	2021/22-2	Wet	12/14/2021 4:00:00 PM	1/11/2022 9:54:00 AM	Fensulfothion	n/a	<	0.0029	µg/L	EPA 625.1m	0.0029	0.01	WKL	
MO-THO	2021/22-2	Wet	12/14/2021 4:00:00 PM	1/11/2022 9:54:00 AM	Fenthion	n/a	<	0.0038	µg/L	EPA 625.1m	0.0038	0.01	WKL	
MO-THO	2021/22-2	Wet	12/14/2021 4:00:00 PM	1/13/2022 1:36:00 PM	gamma-BHC (Lindane)	n/a	<	0.002	µg/L	EPA 608.3	0.002	0.1	WKL	
MO-THO	2021/22-2	Wet	12/14/2021 4:00:00 PM	1/13/2022 1:36:00 PM	gamma-Chlordane	n/a	<	0.012	µg/L	EPA 608.3	0.012	0.05	WKL	
MO-THO	2021/22-2	Wet	12/14/2021 4:00:00 PM	12/17/2021 5:27:00 AM	Glyphosate	n/a	=	7.1	µg/L	EPA 547	1.8	5	WKL	
MO-THO	2021/22-2	Wet	12/14/2021 4:00:00 PM	1/13/2022 1:36:00 PM	Heptachlor	n/a	<	0.003	µg/L	EPA 608.3	0.003	0.05	WKL	
MO-THO	2021/22-2	Wet	12/14/2021 4:00:00 PM	1/13/2022 1:36:00 PM	Heptachlor epoxide	n/a	<	0.002	µg/L	EPA 608.3	0.002	0.05	WKL	
MO-THO	2021/22-2	Wet	12/14/2021 4:00:00 PM	1/11/2022 9:54:00 AM	Malathion	n/a	<	0.0076	µg/L	EPA 625.1m	0.0076	0.01	WKL	
MO-THO	2021/22-2	Wet	12/14/2021 4:00:00 PM	1/11/2022 9:54:00 AM	Merphos	n/a	<	0.0058	µg/L	EPA 625.1m	0.0058	0.01	WKL	
MO-THO	2021/22-2	Wet	12/14/2021 4:00:00 PM	1/11/2022 9:54:00 AM	Methyl parathion	n/a	<	0.0063	µg/L	EPA 625.1m	0.0063	0.01	WKL	
MO-THO	2021/22-2	Wet	12/14/2021 4:00:00 PM	12/23/2021 10:51:00 PM	Metolachlor	n/a	<	0.3	µg/L	EPA 525.2	0.3	1	WKL	
MO-THO	2021/22-2	Wet	12/14/2021 4:00:00 PM	12/23/2021 10:51:00 PM	Metribuzin	n/a	<	0.3	µg/L	EPA 525.2	0.3	1	WKL	
MO-THO	2021/22-2	Wet	12/14/2021 4:00:00 PM	1/11/2022 9:54:00 AM	Mevinphos	n/a	<	0.0042	µg/L	EPA 625.1m	0.0042	0.01	WKL	LB-LCSR
MO-THO	2021/22-2	Wet	12/14/2021 4:00:00 PM	12/23/2021 10:51:00 PM	Molinate	n/a	<	0.3	µg/L	EPA 525.2	0.3	1	WKL	
MO-THO	2021/22-2	Wet	12/14/2021 4:00:00 PM	1/11/2022 9:54:00 AM	Naled	n/a	<	0.0076	µg/L	EPA 625.1m	0.0076	0.01	WKL	
MO-THO	2021/22-2	Wet	12/14/2021 4:00:00 PM	1/6/2022 11:44:00 PM	Pentachlorophenol	n/a	DNQ	0.11	µg/L	EPA 515.4	0.046	0.2	WKL	
MO-THO	2021/22-2	Wet	12/14/2021 4:00:00 PM	1/19/2022 2:19:00 AM	Pentachlorophenol	n/a	<	2	µg/L	EPA 625.1	2	2	WKL	
MO-THO	2021/22-2	Wet	12/14/2021 4:00:00 PM	1/14/2022 8:01:00 AM	Pentachlorophenol	n/a	DNQ	0.52	µg/L	EPA 8270C	0.15	1	WKL	
MO-THO	2021/22-2	Wet	12/14/2021 4:00:00 PM	1/11/2022 9:54:00 AM	Phorate	n/a	<	0.003	µg/L	EPA 625.1m	0.003	0.01	WKL	
MO-THO	2021/22-2	Wet	12/14/2021 4:00:00 PM	1/6/2022 11:44:00 PM	Picloram	n/a	<	0.05	µg/L	EPA 515.4	0.05	0.6	WKL	
MO-THO	2021/22-2	Wet	12/14/2021 4:00:00 PM	12/23/2021 10:51:00 PM	Prometryn	n/a	<	0.3	µg/L	EPA 525.2	0.3	1	WKL	
MO-THO	2021/22-2	Wet	12/14/2021 4:00:00 PM	1/11/2022 9:54:00 AM	Ronnel (Fenchlorphos)	n/a	<	0.0041	µg/L	EPA 625.1m	0.0041	0.01	WKL	
MO-THO	2021/22-2	Wet	12/14/2021 4:00:00 PM	12/23/2021 10:51:00 PM	Simazine	n/a	<	0.2	µg/L	EPA 525.2	0.2	1	WKL	
MO-THO	2021/22-2	Wet	12/14/2021 4:00:00 PM	1/11/2022 9:54:00 AM	Stirophos (Tetrachlorvinphos)	n/a	<	0.0031	µg/L	EPA 625.1m	0.0031	0.01	WKL	
MO-THO	2021/22-2	Wet	12/14/2021 4:00:00 PM	12/23/2021 10:51:00 PM	Terbacil	n/a	<	0.9	µg/L	EPA 525.2	0.9	20	WKL	
MO-THO	2021/22-2	Wet	12/14/2021 4:00:00 PM	12/23/2021 10:51:00 PM	Thiobencarb	n/a	<	0.3	µg/L	EPA 525.2	0.3	1	WKL	
MO-THO	2021/22-2	Wet	12/14/2021 4:00:00 PM	1/11/2022 9:54:00 AM	Tokuthion	n/a	<	0.0078	µg/L	EPA 625.1m	0.0078	0.01	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-THO	2021/22-2	Wet	12/14/2021 4:00:00 PM	1/13/2022 1:36:00 PM	Toxaphene	n/a	<	0.42	µg/L	EPA 608.3	0.42	2.5	WKL	
MO-THO	2021/22-2	Wet	12/14/2021 4:00:00 PM	1/11/2022 9:54:00 AM	Trichloronate	n/a	<	0.0067	µg/L	EPA 625.1m	0.0067	0.01	WKL	
MO-THO	2021/22-2	Wet	12/14/2021 4:00:00 PM	12/23/2021 10:51:00 PM	Trithion	n/a	<	0.2	µg/L	EPA 525.2	0.2	1	WKL	
MO-THO	2021/22-3	Wet	3/28/2022 12:00:00 PM	3/29/2022 11:20:00 AM	E. Coli	n/a	=	6294	MPN/100 mL	MMO-MUG	10	10	VCHCA	
MO-THO	2021/22-3	Wet	3/28/2022 12:00:00 PM	3/29/2022 11:20:00 AM	Total Coliform	n/a	=	129970	MPN/100 mL	MMO-MUG	100	100	VCHCA	
MO-THO	2021/22-3	Wet	3/28/2022 12:00:00 PM	3/28/2022 12:00:00 PM	Conductivity	n/a	=	173.9	µmhos/cm	Field Meter	-88	1	Field Crew	
MO-THO	2021/22-3	Wet	3/28/2022 12:00:00 PM	4/6/2022 2:07:00 PM	Cyanide	Total	<	0.0012	mg/L	ASTM D7511	0.0012	0.002	WKL	
MO-THO	2021/22-3	Wet	3/28/2022 12:00:00 PM	3/28/2022 12:00:00 PM	DO	n/a	=	6.66	mg/L	Field Meter	-88	0.3	Field Crew	
MO-THO	2021/22-3	Wet	3/28/2022 12:00:00 PM	3/28/2022 12:00:00 PM	DO	n/a	=	66.1	%	Field Meter	-88	0.1	Field Crew	
MO-THO	2021/22-3	Wet	3/28/2022 12:00:00 PM	3/28/2022 12:00:00 PM	pH	n/a	=	7.69	pH Units	Field Meter	-88	0.01	Field Crew	
MO-THO	2021/22-3	Wet	3/28/2022 12:00:00 PM	3/28/2022 12:00:00 PM	Salinity	n/a	=	100	mg/L	Field Meter	-88	100	Field Crew	
MO-THO	2021/22-3	Wet	3/28/2022 12:00:00 PM	3/28/2022 12:00:00 PM	Specific Conductance	n/a	=	217.4	µmhos/cm	Field Meter	-88	1	Field Crew	
MO-THO	2021/22-3	Wet	3/28/2022 12:00:00 PM	3/28/2022 12:00:00 PM	Temperature	n/a	=	14.5	°C	Field Meter	-88	0.1	Field Crew	
MO-THO	2021/22-3	Wet	3/28/2022 12:00:00 PM	3/30/2022 12:29:00 PM	Gasoline Range Organics	n/a	<	0.065	mg/L	EPA 8260B	0.065	0.1	WKL	
MO-THO	2021/22-3	Wet	3/28/2022 12:00:00 PM	4/4/2022 1:14:00 PM	Oil and Grease	n/a	DNQ	1.9	mg/L	EPA 1664B	0.6	4	WKL	
MO-THO	2021/22-3	Wet	3/29/2022 9:25:00 AM	4/1/2022 5:08:00 PM	Chloride	n/a	=	60	mg/L	EPA 300.0	0.38	1	WKL	
MO-THO	2021/22-3	Wet	3/29/2022 9:25:00 AM	4/1/2022 5:08:00 PM	Fluoride	n/a	DNQ	0.16	mg/L	EPA 300.0	0.018	0.2	WKL	
MO-THO	2021/22-3	Wet	3/29/2022 9:25:00 AM	4/1/2022 9:25:00 AM	Perchlorate	n/a	<	0.78	µg/L	EPA 314.0	0.78	4	WKL	
MO-THO	2021/22-3	Wet	3/29/2022 9:25:00 AM	4/7/2022 7:09:00 PM	Calcium	Total	=	41.6	mg/L	EPA 200.7	0.0234	0.5	WKL	
MO-THO	2021/22-3	Wet	3/29/2022 9:25:00 AM	4/7/2022 7:09:00 PM	Magnesium	Total	=	27.6	mg/L	EPA 200.7	0.039	0.5	WKL	
MO-THO	2021/22-3	Wet	3/29/2022 9:25:00 AM	3/31/2022 1:39:00 PM	Alkalinity as CaCO3	n/a	=	100	mg/L	SM 2320 B	1.9	5	WKL	
MO-THO	2021/22-3	Wet	3/29/2022 9:25:00 AM	4/4/2022 4:04:00 PM	BOD	n/a	=	12	mg/L	SM 5210 B	2	2	WKL	
MO-THO	2021/22-3	Wet	3/29/2022 9:25:00 AM	4/7/2022 1:15:00 PM	COD	n/a	=	29	mg/L	EPA 410.4	2.9	5	WKL	
MO-THO	2021/22-3	Wet	3/29/2022 9:25:00 AM	4/7/2022 7:09:00 PM	Hardness as CaCO3	Total	=	218	mg/L	EPA 200.7	0.219	3.31	WKL	
MO-THO	2021/22-3	Wet	3/29/2022 9:25:00 AM	3/29/2022 6:05:00 PM	MBAS	n/a	DNQ	0.042	mg/L	SM 5540 C	0.013	0.05	WKL	
MO-THO	2021/22-3	Wet	3/29/2022 9:25:00 AM	4/11/2022 12:31:00 PM	Phenolics	n/a	<	0.0068	mg/L	EPA 420.4	0.0068	0.01	WKL	
MO-THO	2021/22-3	Wet	3/29/2022 9:25:00 AM	4/8/2022 1:03:00 PM	Specific Conductance	n/a	=	620	µmhos/cm	SM 2510 B	1.1	2	WKL	
MO-THO	2021/22-3	Wet	3/29/2022 9:25:00 AM	4/5/2022 4:01:00 PM	Total Dissolved Solids	n/a	=	330	mg/L	SM 2540 C	4	10	WKL	
MO-THO	2021/22-3	Wet	3/29/2022 9:25:00 AM	4/14/2022 7:31:00 AM	Total Organic Carbon	n/a	=	11	mg/L	SM 5310 B	0.19	0.3	WKL	
MO-THO	2021/22-3	Wet	3/29/2022 9:25:00 AM	4/4/2022 10:00:00 AM	Total Suspended Solids	n/a	=	390	mg/L	SM 2540 D	-88	5	WKL	
MO-THO	2021/22-3	Wet	3/29/2022 9:25:00 AM	3/30/2022 1:21:00 PM	Turbidity	n/a	=	18	NTU	EPA 180.1	0.017	0.1	WKL	
MO-THO	2021/22-3	Wet	3/29/2022 9:25:00 AM	4/4/2022 3:00:00 PM	Volatile Suspended Solids	n/a	=	69	mg/L	EPA 160.4	3.1	5	WKL	
MO-THO	2021/22-3	Wet	3/29/2022 9:25:00 AM	4/1/2022 11:35:00 AM	Diesel Range Organics	n/a	DNQ	0.18	mg/L	EPA 8015B	0.14	0.2	WKL	
MO-THO	2021/22-3	Wet	3/29/2022 9:25:00 AM	4/1/2022 11:35:00 AM	Oil Range Organics	n/a	<	0.66	mg/L	EPA 8015B	0.66	1	WKL	
MO-THO	2021/22-3	Wet	3/29/2022 9:25:00 AM	4/7/2022 1:37:00 PM	Aluminum	Dissolved	DNQ	13	µg/L	EPA 200.8	4.4	20	WKL	
MO-THO	2021/22-3	Wet	3/29/2022 9:25:00 AM	4/7/2022 1:40:00 PM	Aluminum	Total	=	7300	µg/L	EPA 200.8	4.4	20	WKL	
MO-THO	2021/22-3	Wet	3/29/2022 9:25:00 AM	4/7/2022 1:37:00 PM	Antimony	Dissolved	DNQ	0.44	µg/L	EPA 200.8	0.089	0.5	WKL	
MO-THO	2021/22-3	Wet	3/29/2022 9:25:00 AM	4/7/2022 1:40:00 PM	Antimony	Total	=	0.73	µg/L	EPA 200.8	0.089	0.5	WKL	
MO-THO	2021/22-3	Wet	3/29/2022 9:25:00 AM	4/7/2022 1:37:00 PM	Arsenic	Dissolved	=	1.6	µg/L	EPA 200.8	0.074	0.4	WKL	
MO-THO	2021/22-3	Wet	3/29/2022 9:25:00 AM	4/7/2022 1:40:00 PM	Arsenic	Total	=	3.4	µg/L	EPA 200.8	0.074	0.4	WKL	
MO-THO	2021/22-3	Wet	3/29/2022 9:25:00 AM	4/7/2022 1:40:00 PM	Barium	Total	=	54	µg/L	EPA 200.8	0.14	1	WKL	
MO-THO	2021/22-3	Wet	3/29/2022 9:25:00 AM	4/7/2022 1:37:00 PM	Beryllium	Dissolved	<	0.062	µg/L	EPA 200.8	0.062	0.1	WKL	
MO-THO	2021/22-3	Wet	3/29/2022 9:25:00 AM	4/7/2022 1:40:00 PM	Beryllium	Total	=	0.21	µg/L	EPA 200.8	0.029	0.1	WKL	
MO-THO	2021/22-3	Wet	3/29/2022 9:25:00 AM	4/7/2022 1:37:00 PM	Cadmium	Dissolved	<	0.042	µg/L	EPA 200.8	0.042	0.2	WKL	
MO-THO	2021/22-3	Wet	3/29/2022 9:25:00 AM	4/7/2022 1:40:00 PM	Cadmium	Total	=	0.55	µg/L	EPA 200.8	0.042	0.2	WKL	
MO-THO	2021/22-3	Wet	3/29/2022 9:25:00 AM	4/7/2022 1:37:00 PM	Chromium	Dissolved	=	0.37	µg/L	EPA 200.8	0.089	0.2	WKL	
MO-THO	2021/22-3	Wet	3/29/2022 9:25:00 AM	4/7/2022 1:40:00 PM	Chromium	Total	=	19	µg/L	EPA 200.8	0.089	0.2	WKL	
MO-THO	2021/22-3	Wet	3/29/2022 9:25:00 AM	4/6/2022 4:38:00 PM	Chromium VI	n/a	=	0.22	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-THO	2021/22-3	Wet	3/29/2022 9:25:00 AM	4/7/2022 1:37:00 PM	Copper	Dissolved	=	2.7	µg/L	EPA 200.8	0.23	0.5	WKL	
MO-THO	2021/22-3	Wet	3/29/2022 9:25:00 AM	4/7/2022 1:40:00 PM	Copper	Total	=	18	µg/L	EPA 200.8	0.23	0.5	WKL	
MO-THO	2021/22-3	Wet	3/29/2022 9:25:00 AM	4/7/2022 1:37:00 PM	Iron	Dissolved	=	51	µg/L	EPA 200.8	3.9	20	WKL	
MO-THO	2021/22-3	Wet	3/29/2022 9:25:00 AM	4/7/2022 1:40:00 PM	Iron	Total	=	9700	µg/L	EPA 200.8	3.9	20	WKL	
MO-THO	2021/22-3	Wet	3/29/2022 9:25:00 AM	4/7/2022 1:37:00 PM	Lead	Dissolved	DNQ	0.11	µg/L	EPA 200.8	0.083	0.2	WKL	UL-MB
MO-THO	2021/22-3	Wet	3/29/2022 9:25:00 AM	4/7/2022 1:40:00 PM	Lead	Total	=	4.4	µg/L	EPA 200.8	0.083	0.2	WKL	
MO-THO	2021/22-3	Wet	3/29/2022 9:25:00 AM	3/31/2022 11:50:00 AM	Mercury	Dissolved	<	17	ng/L	EPA 245.1	17	50	WKL	
MO-THO	2021/22-3	Wet	3/29/2022 9:25:00 AM	3/31/2022 11:52:00 AM	Mercury	Total	=	52	ng/L	EPA 245.1	17	50	WKL	
MO-THO	2021/22-3	Wet	3/29/2022 9:25:00 AM	4/7/2022 1:37:00 PM	Nickel	Dissolved	DNQ	1.9	µg/L	EPA 200.8	0.16	2	WKL	UL-MB
MO-THO	2021/22-3	Wet	3/29/2022 9:25:00 AM	4/7/2022 1:40:00 PM	Nickel	Total	=	18	µg/L	EPA 200.8	0.16	2	WKL	
MO-THO	2021/22-3	Wet	3/29/2022 9:25:00 AM	4/7/2022 1:37:00 PM	Selenium	Dissolved	=	0.62	µg/L	EPA 200.8	0.067	0.4	WKL	
MO-THO	2021/22-3	Wet	3/29/2022 9:25:00 AM	4/7/2022 1:40:00 PM	Selenium	Total	=	1.1	µg/L	EPA 200.8	0.067	0.4	WKL	
MO-THO	2021/22-3	Wet	3/29/2022 9:25:00 AM	4/7/2022 1:37:00 PM	Silver	Dissolved	<	0.03	µg/L	EPA 200.8	0.03	0.2	WKL	
MO-THO	2021/22-3	Wet	3/29/2022 9:25:00 AM	4/7/2022 1:40:00 PM	Silver	Total	<	0.13	µg/L	EPA 200.8	0.13	0.2	WKL	
MO-THO	2021/22-3	Wet	3/29/2022 9:25:00 AM	4/7/2022 1:37:00 PM	Thallium	Dissolved	<	0.021	µg/L	EPA 200.8	0.021	0.2	WKL	
MO-THO	2021/22-3	Wet	3/29/2022 9:25:00 AM	4/7/2022 1:40:00 PM	Thallium	Total	DNQ	0.089	µg/L	EPA 200.8	0.021	0.2	WKL	
MO-THO	2021/22-3	Wet	3/29/2022 9:25:00 AM	4/7/2022 1:37:00 PM	Zinc	Dissolved	DNQ	5.6	µg/L	EPA 200.8	0.8	10	WKL	
MO-THO	2021/22-3	Wet	3/29/2022 9:25:00 AM	4/7/2022 1:40:00 PM	Zinc	Total	=	74	µg/L	EPA 200.8	1.7	10	WKL	
MO-THO	2021/22-3	Wet	3/29/2022 9:25:00 AM	4/4/2022 4:34:00 PM	Ammonia as N	n/a	=	0.26	mg/L	EPA 350.1	0.017	0.1	WKL	
MO-THO	2021/22-3	Wet	3/29/2022 9:25:00 AM	4/9/2022 3:06:00 PM	Nitrate + Nitrite as N	n/a	=	0.52	mg/L	EPA 353.2	0.036	0.2	WKL	
MO-THO	2021/22-3	Wet	3/29/2022 9:25:00 AM	4/7/2022 7:06:00 PM	Phosphorus as P	Dissolved	=	0.2	mg/L	EPA 200.7	0.018	0.05	WKL	
MO-THO	2021/22-3	Wet	3/29/2022 9:25:00 AM	4/7/2022 7:09:00 PM	Phosphorus as P	Total	=	0.61	mg/L	EPA 200.7	0.018	0.05	WKL	
MO-THO	2021/22-3	Wet	3/29/2022 9:25:00 AM	4/6/2022 4:48:00 PM	TKN	n/a	=	2.4	mg/L	EPA 351.2	0.13	0.2	WKL	
MO-THO	2021/22-3	Wet	3/29/2022 9:25:00 AM	4/28/2022 6:01:00 AM	1,2,4-Trichlorobenzene	n/a	<	0.98	µg/L	EPA 625.1	0.98	2	WKL	
MO-THO	2021/22-3	Wet	3/29/2022 9:25:00 AM	4/28/2022 6:01:00 AM	1,2-Dichlorobenzene	n/a	<	0.92	µg/L	EPA 625.1	0.92	2	WKL	
MO-THO	2021/22-3	Wet	3/29/2022 9:25:00 AM	4/28/2022 6:01:00 AM	1,2-Diphenylhydrazine	n/a	<	0.6	µg/L	EPA 625.1	0.6	2	WKL	
MO-THO	2021/22-3	Wet	3/29/2022 9:25:00 AM	4/28/2022 6:01:00 AM	1,3-Dichlorobenzene	n/a	<	0.84	µg/L	EPA 625.1	0.84	2	WKL	
MO-THO	2021/22-3	Wet	3/29/2022 9:25:00 AM	4/28/2022 6:01:00 AM	1,4-Dichlorobenzene	n/a	<	0.96	µg/L	EPA 625.1	0.96	2	WKL	
MO-THO	2021/22-3	Wet	3/29/2022 9:25:00 AM	4/20/2022 12:43:00 PM	1-Methylnaphthalene	n/a	<	0.048	µg/L	EPA 8270C	0.048	0.2	WKL	
MO-THO	2021/22-3	Wet	3/29/2022 9:25:00 AM	4/29/2022 10:34:00 AM	2,4,5-Trichlorophenol	n/a	<	0.58	µg/L	EPA 8270C	0.58	2	WKL	
MO-THO	2021/22-3	Wet	3/29/2022 9:25:00 AM	4/28/2022 6:01:00 AM	2,4,6-Trichlorophenol	n/a	<	0.44	µg/L	EPA 625.1	0.44	2	WKL	
MO-THO	2021/22-3	Wet	3/29/2022 9:25:00 AM	4/29/2022 10:34:00 AM	2,4,6-Trichlorophenol	n/a	<	0.6	µg/L	EPA 8270C	0.6	2	WKL	
MO-THO	2021/22-3	Wet	3/29/2022 9:25:00 AM	4/28/2022 6:01:00 AM	2,4-Dichlorophenol	n/a	<	0.52	µg/L	EPA 625.1	0.52	2	WKL	
MO-THO	2021/22-3	Wet	3/29/2022 9:25:00 AM	4/29/2022 10:34:00 AM	2,4-Dichlorophenol	n/a	<	1	µg/L	EPA 8270C	1	2	WKL	
MO-THO	2021/22-3	Wet	3/29/2022 9:25:00 AM	4/28/2022 6:01:00 AM	2,4-Dimethylphenol	n/a	<	1.5	µg/L	EPA 625.1	1.5	2	WKL	
MO-THO	2021/22-3	Wet	3/29/2022 9:25:00 AM	4/29/2022 10:34:00 AM	2,4-Dimethylphenol	n/a	<	2	µg/L	EPA 8270C	2	4	WKL	
MO-THO	2021/22-3	Wet	3/29/2022 9:25:00 AM	4/29/2022 10:34:00 AM	2,4-Dinitrophenol	n/a	<	2	µg/L	EPA 8270C	2	4	WKL	
MO-THO	2021/22-3	Wet	3/29/2022 9:25:00 AM	4/28/2022 6:01:00 AM	2,4-Dinitrophenol	n/a	<	3.7	µg/L	EPA 625.1	3.7	20	WKL	
MO-THO	2021/22-3	Wet	3/29/2022 9:25:00 AM	4/28/2022 6:01:00 AM	2,4-Dinitrotoluene	n/a	<	0.92	µg/L	EPA 625.1	0.92	2	WKL	
MO-THO	2021/22-3	Wet	3/29/2022 9:25:00 AM	4/28/2022 6:01:00 AM	2,6-Dinitrotoluene	n/a	<	0.54	µg/L	EPA 625.1	0.54	2	WKL	
MO-THO	2021/22-3	Wet	3/29/2022 9:25:00 AM	4/28/2022 6:01:00 AM	2-Chloronaphthalene	n/a	<	0.9	µg/L	EPA 625.1	0.9	2	WKL	
MO-THO	2021/22-3	Wet	3/29/2022 9:25:00 AM	4/28/2022 6:01:00 AM	2-Chlorophenol	n/a	<	0.56	µg/L	EPA 625.1	0.56	2	WKL	
MO-THO	2021/22-3	Wet	3/29/2022 9:25:00 AM	4/29/2022 10:34:00 AM	2-Chlorophenol	n/a	<	1.3	µg/L	EPA 8270C	1.3	2	WKL	
MO-THO	2021/22-3	Wet	3/29/2022 9:25:00 AM	4/20/2022 12:43:00 PM	2-Methylnaphthalene	n/a	<	0.052	µg/L	EPA 8270C	0.052	0.2	WKL	
MO-THO	2021/22-3	Wet	3/29/2022 9:25:00 AM	4/29/2022 10:34:00 AM	2-Methylphenol	n/a	<	0.68	µg/L	EPA 8270C	0.68	2	WKL	
MO-THO	2021/22-3	Wet	3/29/2022 9:25:00 AM	4/28/2022 6:01:00 AM	2-Nitrophenol	n/a	<	0.52	µg/L	EPA 625.1	0.52	2	WKL	
MO-THO	2021/22-3	Wet	3/29/2022 9:25:00 AM	4/29/2022 10:34:00 AM	2-Nitrophenol	n/a	<	1.4	µg/L	EPA 8270C	1.4	2	WKL	
MO-THO	2021/22-3	Wet	3/29/2022 9:25:00 AM	4/28/2022 6:01:00 AM	3,3'-Dichlorobenzidine	n/a	<	5	µg/L	EPA 625.1	5	10	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-THO	2021/22-3	Wet	3/29/2022 9:25:00 AM	4/29/2022 10:34:00 AM	3-4-Methylphenol	n/a	<	0.6	µg/L	EPA 8270C	0.6	2	WKL	
MO-THO	2021/22-3	Wet	3/29/2022 9:25:00 AM	4/29/2022 10:34:00 AM	4,6-Dinitro-2-methylphenol	n/a	<	0.28	µg/L	EPA 8270C	0.28	2	WKL	
MO-THO	2021/22-3	Wet	3/29/2022 9:25:00 AM	4/28/2022 6:01:00 AM	4,6-Dinitro-2-methylphenol	n/a	<	1	µg/L	EPA 625.1	1	10	WKL	
MO-THO	2021/22-3	Wet	3/29/2022 9:25:00 AM	4/28/2022 6:01:00 AM	4-Bromophenyl phenyl ether	n/a	<	0.72	µg/L	EPA 625.1	0.72	2	WKL	
MO-THO	2021/22-3	Wet	3/29/2022 9:25:00 AM	4/28/2022 6:01:00 AM	4-Chloro-3-methylphenol	n/a	<	0.46	µg/L	EPA 625.1	0.46	2	WKL	
MO-THO	2021/22-3	Wet	3/29/2022 9:25:00 AM	4/29/2022 10:34:00 AM	4-Chloro-3-methylphenol	n/a	<	0.74	µg/L	EPA 8270C	0.74	2	WKL	
MO-THO	2021/22-3	Wet	3/29/2022 9:25:00 AM	4/28/2022 6:01:00 AM	4-Chlorophenyl phenyl ether	n/a	<	0.82	µg/L	EPA 625.1	0.82	2	WKL	
MO-THO	2021/22-3	Wet	3/29/2022 9:25:00 AM	4/28/2022 6:01:00 AM	4-Nitrophenol	n/a	<	2.5	µg/L	EPA 625.1	2.5	10	WKL	
MO-THO	2021/22-3	Wet	3/29/2022 9:25:00 AM	4/29/2022 10:34:00 AM	4-Nitrophenol	n/a	<	2	µg/L	EPA 8270C	2	4	WKL	
MO-THO	2021/22-3	Wet	3/29/2022 9:25:00 AM	4/28/2022 6:01:00 AM	Acenaphthene	n/a	<	0.76	µg/L	EPA 625.1	0.76	2	WKL	
MO-THO	2021/22-3	Wet	3/29/2022 9:25:00 AM	4/20/2022 12:43:00 PM	Acenaphthene	n/a	<	0.056	µg/L	EPA 8270C	0.056	0.2	WKL	
MO-THO	2021/22-3	Wet	3/29/2022 9:25:00 AM	4/28/2022 6:01:00 AM	Acenaphthylene	n/a	<	0.7	µg/L	EPA 625.1	0.7	2	WKL	
MO-THO	2021/22-3	Wet	3/29/2022 9:25:00 AM	4/20/2022 12:43:00 PM	Acenaphthylene	n/a	<	0.066	µg/L	EPA 8270C	0.066	0.2	WKL	
MO-THO	2021/22-3	Wet	3/29/2022 9:25:00 AM	4/20/2022 12:43:00 PM	Anthracene	n/a	DNQ	0.055	µg/L	EPA 8270C	0.05	0.2	WKL	
MO-THO	2021/22-3	Wet	3/29/2022 9:25:00 AM	4/28/2022 6:01:00 AM	Anthracene	n/a	<	0.82	µg/L	EPA 625.1	0.82	2	WKL	
MO-THO	2021/22-3	Wet	3/29/2022 9:25:00 AM	4/28/2022 6:01:00 AM	Benz(a)anthracene	n/a	<	0.38	µg/L	EPA 625.1	0.38	2	WKL	
MO-THO	2021/22-3	Wet	3/29/2022 9:25:00 AM	4/20/2022 12:43:00 PM	Benz(a)anthracene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.2	WKL	
MO-THO	2021/22-3	Wet	3/29/2022 9:25:00 AM	4/28/2022 6:01:00 AM	Benzidine	n/a	<	6.4	µg/L	EPA 625.1	6.4	20	WKL	
MO-THO	2021/22-3	Wet	3/29/2022 9:25:00 AM	4/15/2022 5:02:00 AM	Benzo(a)pyrene	n/a	<	0.04	µg/L	EPA 525.2	0.04	0.2	WKL	
MO-THO	2021/22-3	Wet	3/29/2022 9:25:00 AM	4/28/2022 6:01:00 AM	Benzo(a)pyrene	n/a	<	0.78	µg/L	EPA 625.1	0.78	2	WKL	
MO-THO	2021/22-3	Wet	3/29/2022 9:25:00 AM	4/20/2022 12:43:00 PM	Benzo(a)pyrene	n/a	DNQ	0.11	µg/L	EPA 8270C	0.1	0.2	WKL	
MO-THO	2021/22-3	Wet	3/29/2022 9:25:00 AM	4/28/2022 6:01:00 AM	Benzo(b)fluoranthene	n/a	<	0.92	µg/L	EPA 625.1	0.92	2	WKL	
MO-THO	2021/22-3	Wet	3/29/2022 9:25:00 AM	4/20/2022 12:43:00 PM	Benzo(b)fluoranthene	n/a	<	0.15	µg/L	EPA 8270C	0.15	0.2	WKL	
MO-THO	2021/22-3	Wet	3/29/2022 9:25:00 AM	4/28/2022 6:01:00 AM	Benzo(g,h,i)perylene	n/a	<	0.84	µg/L	EPA 625.1	0.84	4	WKL	
MO-THO	2021/22-3	Wet	3/29/2022 9:25:00 AM	4/20/2022 12:43:00 PM	Benzo(g,h,i)perylene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.2	WKL	
MO-THO	2021/22-3	Wet	3/29/2022 9:25:00 AM	4/28/2022 6:01:00 AM	Benzo(k)fluoranthene	n/a	<	0.44	µg/L	EPA 625.1	0.44	2	WKL	
MO-THO	2021/22-3	Wet	3/29/2022 9:25:00 AM	4/20/2022 12:43:00 PM	Benzo(k)fluoranthene	n/a	DNQ	0.079	µg/L	EPA 8270C	0.052	0.2	WKL	UL-MB
MO-THO	2021/22-3	Wet	3/29/2022 9:25:00 AM	4/28/2022 6:01:00 AM	Bis(2-chloroethoxy)methane	n/a	<	0.5	µg/L	EPA 625.1	0.5	2	WKL	
MO-THO	2021/22-3	Wet	3/29/2022 9:25:00 AM	4/28/2022 6:01:00 AM	Bis(2-chloroethyl)ether	n/a	<	0.54	µg/L	EPA 625.1	0.54	2	WKL	
MO-THO	2021/22-3	Wet	3/29/2022 9:25:00 AM	4/28/2022 6:01:00 AM	Bis(2-chloroisopropyl)ether	n/a	<	0.76	µg/L	EPA 625.1	0.76	2	WKL	
MO-THO	2021/22-3	Wet	3/29/2022 9:25:00 AM	4/15/2022 5:02:00 AM	Bis(2-ethylhexyl)adipate	n/a	<	0.85	µg/L	EPA 525.2	0.85	10	WKL	
MO-THO	2021/22-3	Wet	3/29/2022 9:25:00 AM	4/28/2022 6:01:00 AM	Bis(2-ethylhexyl)phthalate	n/a	<	4.6	µg/L	EPA 625.1	4.6	10	WKL	
MO-THO	2021/22-3	Wet	3/29/2022 9:25:00 AM	4/15/2022 5:02:00 AM	Bis(2-ethylhexyl)phthalate	n/a	<	0.82	µg/L	EPA 525.2	0.82	6	WKL	
MO-THO	2021/22-3	Wet	3/29/2022 9:25:00 AM	4/28/2022 6:01:00 AM	Butyl benzyl phthalate	n/a	<	0.98	µg/L	EPA 625.1	0.98	2	WKL	
MO-THO	2021/22-3	Wet	3/29/2022 9:25:00 AM	4/20/2022 12:43:00 PM	Chrysene	n/a	<	0.15	µg/L	EPA 8270C	0.15	0.2	WKL	
MO-THO	2021/22-3	Wet	3/29/2022 9:25:00 AM	4/28/2022 6:01:00 AM	Chrysene	n/a	<	0.38	µg/L	EPA 625.1	0.38	2	WKL	
MO-THO	2021/22-3	Wet	3/29/2022 9:25:00 AM	4/28/2022 6:01:00 AM	Dibenz(a,h)anthracene	n/a	<	0.3	µg/L	EPA 625.1	0.3	4	WKL	
MO-THO	2021/22-3	Wet	3/29/2022 9:25:00 AM	4/20/2022 12:43:00 PM	Dibenz(a,h)anthracene	n/a	DNQ	0.12	µg/L	EPA 8270C	0.072	0.2	WKL	UL-MB
MO-THO	2021/22-3	Wet	3/29/2022 9:25:00 AM	4/28/2022 6:01:00 AM	Diethyl phthalate	n/a	<	0.7	µg/L	EPA 625.1	0.7	2	WKL	
MO-THO	2021/22-3	Wet	3/29/2022 9:25:00 AM	4/28/2022 6:01:00 AM	Dimethyl phthalate	n/a	=	4.6	µg/L	EPA 625.1	0.36	2	WKL	
MO-THO	2021/22-3	Wet	3/29/2022 9:25:00 AM	4/28/2022 6:01:00 AM	Di-n-butylphthalate	n/a	<	0.68	µg/L	EPA 625.1	0.68	2	WKL	
MO-THO	2021/22-3	Wet	3/29/2022 9:25:00 AM	4/28/2022 6:01:00 AM	Di-n-octylphthalate	n/a	<	0.92	µg/L	EPA 625.1	0.92	2	WKL	
MO-THO	2021/22-3	Wet	3/29/2022 9:25:00 AM	4/20/2022 12:43:00 PM	Fluoranthene	n/a	DNQ	0.081	µg/L	EPA 8270C	0.078	0.2	WKL	
MO-THO	2021/22-3	Wet	3/29/2022 9:25:00 AM	4/28/2022 6:01:00 AM	Fluoranthene	n/a	<	0.69	µg/L	EPA 625.1	0.69	2	WKL	
MO-THO	2021/22-3	Wet	3/29/2022 9:25:00 AM	4/28/2022 6:01:00 AM	Fluorene	n/a	<	0.7	µg/L	EPA 625.1	0.7	2	WKL	
MO-THO	2021/22-3	Wet	3/29/2022 9:25:00 AM	4/20/2022 12:43:00 PM	Fluorene	n/a	<	0.058	µg/L	EPA 8270C	0.058	0.2	WKL	
MO-THO	2021/22-3	Wet	3/29/2022 9:25:00 AM	4/28/2022 6:01:00 AM	Hexachlorobenzene	n/a	<	0.98	µg/L	EPA 625.1	0.98	2	WKL	
MO-THO	2021/22-3	Wet	3/29/2022 9:25:00 AM	4/28/2022 6:01:00 AM	Hexachlorobutadiene	n/a	<	0.94	µg/L	EPA 625.1	0.94	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	2021/22-3	Wet	3/29/2022 9:25:00 AM	4/15/2022 5:02:00 AM	Hexachlorocyclopentadiene	n/a	<	0.18	µg/L	EPA 525.2	0.18	2	WKL	
MO-THO	2021/22-3	Wet	3/29/2022 9:25:00 AM	4/28/2022 6:01:00 AM	Hexachlorocyclopentadiene	n/a	<	0.62	µg/L	EPA 625.1	0.62	10	WKL	
MO-THO	2021/22-3	Wet	3/29/2022 9:25:00 AM	4/28/2022 6:01:00 AM	Hexachloroethane	n/a	<	1	µg/L	EPA 625.1	1	2	WKL	
MO-THO	2021/22-3	Wet	3/29/2022 9:25:00 AM	4/20/2022 12:43:00 PM	Indeno(1,2,3-cd)pyrene	n/a	<	0.13	µg/L	EPA 8270C	0.13	0.2	WKL	
MO-THO	2021/22-3	Wet	3/29/2022 9:25:00 AM	4/28/2022 6:01:00 AM	Indeno(1,2,3-cd)pyrene	n/a	<	0.49	µg/L	EPA 625.1	0.49	4	WKL	
MO-THO	2021/22-3	Wet	3/29/2022 9:25:00 AM	4/28/2022 6:01:00 AM	Isophorone	n/a	<	0.42	µg/L	EPA 625.1	0.42	2	WKL	
MO-THO	2021/22-3	Wet	3/29/2022 9:25:00 AM	4/20/2022 12:43:00 PM	Naphthalene	n/a	<	0.052	µg/L	EPA 8270C	0.052	0.2	WKL	
MO-THO	2021/22-3	Wet	3/29/2022 9:25:00 AM	4/28/2022 6:01:00 AM	Naphthalene	n/a	<	0.98	µg/L	EPA 625.1	0.98	2	WKL	
MO-THO	2021/22-3	Wet	3/29/2022 9:25:00 AM	4/28/2022 6:01:00 AM	Nitrobenzene	n/a	<	0.72	µg/L	EPA 625.1	0.72	2	WKL	
MO-THO	2021/22-3	Wet	3/29/2022 9:25:00 AM	4/28/2022 6:01:00 AM	N-Nitrosodimethylamine	n/a	<	1	µg/L	EPA 625.1	1	2	WKL	
MO-THO	2021/22-3	Wet	3/29/2022 9:25:00 AM	4/28/2022 6:01:00 AM	N-Nitrosodi-N-propylamine	n/a	<	0.52	µg/L	EPA 625.1	0.52	2	WKL	
MO-THO	2021/22-3	Wet	3/29/2022 9:25:00 AM	4/28/2022 6:01:00 AM	N-Nitrosodiphenylamine	n/a	<	0.38	µg/L	EPA 625.1	0.38	2	WKL	
MO-THO	2021/22-3	Wet	3/29/2022 9:25:00 AM	4/28/2022 6:01:00 AM	Phenanthrene	n/a	<	0.64	µg/L	EPA 625.1	0.64	2	WKL	
MO-THO	2021/22-3	Wet	3/29/2022 9:25:00 AM	4/20/2022 12:43:00 PM	Phenanthrene	n/a	<	0.058	µg/L	EPA 8270C	0.058	0.2	WKL	
MO-THO	2021/22-3	Wet	3/29/2022 9:25:00 AM	4/28/2022 6:01:00 AM	Phenol	n/a	<	1.6	µg/L	EPA 625.1	1.6	2	WKL	
MO-THO	2021/22-3	Wet	3/29/2022 9:25:00 AM	4/29/2022 10:34:00 AM	Phenol	n/a	<	0.7	µg/L	EPA 8270C	0.7	2	WKL	
MO-THO	2021/22-3	Wet	3/29/2022 9:25:00 AM	4/20/2022 12:43:00 PM	Pyrene	n/a	<	0.08	µg/L	EPA 8270C	0.08	0.2	WKL	
MO-THO	2021/22-3	Wet	3/29/2022 9:25:00 AM	4/28/2022 6:01:00 AM	Pyrene	n/a	<	0.5	µg/L	EPA 625.1	0.5	2	WKL	
MO-THO	2021/22-3	Wet	3/29/2022 9:25:00 AM	4/10/2022 5:15:00 AM	PCB Aroclor 1016	n/a	<	2.5	µg/L	EPA 608.3	2.5	2.5	WKL	
MO-THO	2021/22-3	Wet	3/29/2022 9:25:00 AM	4/10/2022 5:15:00 AM	PCB Aroclor 1221	n/a	<	2.5	µg/L	EPA 608.3	2.5	2.5	WKL	
MO-THO	2021/22-3	Wet	3/29/2022 9:25:00 AM	4/10/2022 5:15:00 AM	PCB Aroclor 1232	n/a	<	2.5	µg/L	EPA 608.3	2.5	2.5	WKL	
MO-THO	2021/22-3	Wet	3/29/2022 9:25:00 AM	4/10/2022 5:15:00 AM	PCB Aroclor 1242	n/a	<	2.5	µg/L	EPA 608.3	2.5	2.5	WKL	
MO-THO	2021/22-3	Wet	3/29/2022 9:25:00 AM	4/10/2022 5:15:00 AM	PCB Aroclor 1248	n/a	<	2.5	µg/L	EPA 608.3	2.5	2.5	WKL	
MO-THO	2021/22-3	Wet	3/29/2022 9:25:00 AM	4/10/2022 5:15:00 AM	PCB Aroclor 1254	n/a	<	2.5	µg/L	EPA 608.3	2.5	2.5	WKL	
MO-THO	2021/22-3	Wet	3/29/2022 9:25:00 AM	4/10/2022 5:15:00 AM	PCB Aroclor 1260	n/a	<	2.5	µg/L	EPA 608.3	2.5	2.5	WKL	
MO-THO	2021/22-3	Wet	3/29/2022 9:25:00 AM	4/1/2022 7:14:00 AM	2,4,5-T	n/a	<	0.2	µg/L	EPA 515.4	0.2	0.2	WKL	
MO-THO	2021/22-3	Wet	3/29/2022 9:25:00 AM	4/1/2022 7:14:00 AM	2,4,5-TP	n/a	<	0.026	µg/L	EPA 515.4	0.026	0.2	WKL	
MO-THO	2021/22-3	Wet	3/29/2022 9:25:00 AM	4/1/2022 7:14:00 AM	2,4-D	n/a	=	0.77	µg/L	EPA 515.4	0.14	0.4	WKL	
MO-THO	2021/22-3	Wet	3/29/2022 9:25:00 AM	4/1/2022 7:14:00 AM	2,4-DB	n/a	<	2	µg/L	EPA 515.4	2	2	WKL	
MO-THO	2021/22-3	Wet	3/29/2022 9:25:00 AM	4/1/2022 7:14:00 AM	3,5-Dichlorobenzoic acid	n/a	<	1	µg/L	EPA 515.4	1	1	WKL	
MO-THO	2021/22-3	Wet	3/29/2022 9:25:00 AM	4/10/2022 5:15:00 AM	4,4'-DDD	n/a	<	0.0035	µg/L	EPA 608.3	0.0035	0.25	WKL	
MO-THO	2021/22-3	Wet	3/29/2022 9:25:00 AM	4/10/2022 5:15:00 AM	4,4'-DDE	n/a	<	0.0035	µg/L	EPA 608.3	0.0035	0.25	WKL	
MO-THO	2021/22-3	Wet	3/29/2022 9:25:00 AM	4/10/2022 5:15:00 AM	4,4'-DDT	n/a	<	0.0055	µg/L	EPA 608.3	0.0055	0.05	WKL	
MO-THO	2021/22-3	Wet	3/29/2022 9:25:00 AM	4/1/2022 7:14:00 AM	Acifluorfen	n/a	<	0.4	µg/L	EPA 515.4	0.4	0.4	WKL	
MO-THO	2021/22-3	Wet	3/29/2022 9:25:00 AM	4/15/2022 5:02:00 AM	Alachlor	n/a	<	0.06	µg/L	EPA 525.2	0.06	0.2	WKL	
MO-THO	2021/22-3	Wet	3/29/2022 9:25:00 AM	4/10/2022 5:15:00 AM	Aldrin	n/a	<	0.005	µg/L	EPA 608.3	0.005	0.025	WKL	
MO-THO	2021/22-3	Wet	3/29/2022 9:25:00 AM	4/10/2022 5:15:00 AM	alpha-BHC	n/a	<	0.0055	µg/L	EPA 608.3	0.0055	0.05	WKL	
MO-THO	2021/22-3	Wet	3/29/2022 9:25:00 AM	4/10/2022 5:15:00 AM	alpha-Chlordane	n/a	<	0.014	µg/L	EPA 608.3	0.014	0.05	WKL	
MO-THO	2021/22-3	Wet	3/29/2022 9:25:00 AM	4/15/2022 5:02:00 AM	Atrazine	n/a	<	0.022	µg/L	EPA 525.2	0.022	0.2	WKL	
MO-THO	2021/22-3	Wet	3/29/2022 9:25:00 AM	4/1/2022 10:26:00 PM	Azinphos methyl	n/a	<	0.011	µg/L	EPA 625.1m	0.011	0.02	WKL	
MO-THO	2021/22-3	Wet	3/29/2022 9:25:00 AM	4/1/2022 7:14:00 AM	Bentazon	n/a	<	2	µg/L	EPA 515.4	2	2	WKL	
MO-THO	2021/22-3	Wet	3/29/2022 9:25:00 AM	4/10/2022 5:15:00 AM	beta-BHC	n/a	<	0.0075	µg/L	EPA 608.3	0.0075	0.025	WKL	
MO-THO	2021/22-3	Wet	3/29/2022 9:25:00 AM	4/1/2022 10:26:00 PM	Bolstar	n/a	<	0.0092	µg/L	EPA 625.1m	0.0092	0.02	WKL	
MO-THO	2021/22-3	Wet	3/29/2022 9:25:00 AM	4/15/2022 5:02:00 AM	Bromacil	n/a	<	0.14	µg/L	EPA 525.2	0.14	1	WKL	
MO-THO	2021/22-3	Wet	3/29/2022 9:25:00 AM	4/15/2022 5:02:00 AM	Butachlor	n/a	<	0.024	µg/L	EPA 525.2	0.024	0.2	WKL	
MO-THO	2021/22-3	Wet	3/29/2022 9:25:00 AM	4/15/2022 5:02:00 AM	Captan	n/a	<	0.64	µg/L	EPA 525.2	0.64	2	WKL	
MO-THO	2021/22-3	Wet	3/29/2022 9:25:00 AM	4/10/2022 5:15:00 AM	Chlordane (technical)	n/a	<	0.22	µg/L	EPA 608.3	0.22	0.5	WKL	
MO-THO	2021/22-3	Wet	3/29/2022 9:25:00 AM	4/15/2022 5:02:00 AM	Chloroprotham	n/a	<	0.08	µg/L	EPA 525.2	0.08	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	2021/22-3	Wet	3/29/2022 9:25:00 AM	4/1/2022 10:26:00 PM	Chlorpyrifos	n/a	<	0.014	µg/L	EPA 625.1m	0.014	0.02	WKL	
MO-THO	2021/22-3	Wet	3/29/2022 9:25:00 AM	4/1/2022 10:26:00 PM	Coumaphos	n/a	<	0.01	µg/L	EPA 625.1m	0.01	0.02	WKL	
MO-THO	2021/22-3	Wet	3/29/2022 9:25:00 AM	4/1/2022 7:14:00 AM	Dalapon	n/a	<	0.11	µg/L	EPA 515.4	0.11	0.4	WKL	
MO-THO	2021/22-3	Wet	3/29/2022 9:25:00 AM	4/1/2022 7:14:00 AM	DCPA (Dacthal)	n/a	<	0.029	µg/L	EPA 515.4	0.029	0.1	WKL	
MO-THO	2021/22-3	Wet	3/29/2022 9:25:00 AM	4/10/2022 5:15:00 AM	delta-BHC	n/a	<	0.0095	µg/L	EPA 608.3	0.0095	0.025	WKL	
MO-THO	2021/22-3	Wet	3/29/2022 9:25:00 AM	4/1/2022 10:26:00 PM	Demeton-O	n/a	<	0.02	µg/L	EPA 625.1m	0.02	0.02	WKL	
MO-THO	2021/22-3	Wet	3/29/2022 9:25:00 AM	4/1/2022 10:26:00 PM	Demeton-S	n/a	<	0.02	µg/L	EPA 625.1m	0.02	0.02	WKL	
MO-THO	2021/22-3	Wet	3/29/2022 9:25:00 AM	4/15/2022 5:02:00 AM	Diazinon	n/a	<	0.044	µg/L	EPA 525.2	0.044	0.2	WKL	
MO-THO	2021/22-3	Wet	3/29/2022 9:25:00 AM	4/1/2022 10:26:00 PM	Diazinon	n/a	<	0.01	µg/L	EPA 625.1m	0.01	0.02	WKL	
MO-THO	2021/22-3	Wet	3/29/2022 9:25:00 AM	4/1/2022 7:14:00 AM	Diamba	n/a	<	0.049	µg/L	EPA 515.4	0.049	0.6	WKL	
MO-THO	2021/22-3	Wet	3/29/2022 9:25:00 AM	4/1/2022 7:14:00 AM	Dichlorprop	n/a	<	0.12	µg/L	EPA 515.4	0.12	0.3	WKL	
MO-THO	2021/22-3	Wet	3/29/2022 9:25:00 AM	4/1/2022 10:26:00 PM	Dichlorvos	n/a	<	0.0058	µg/L	EPA 625.1m	0.0058	0.02	WKL	
MO-THO	2021/22-3	Wet	3/29/2022 9:25:00 AM	4/10/2022 5:15:00 AM	Dieldrin	n/a	<	0.004	µg/L	EPA 608.3	0.004	0.05	WKL	
MO-THO	2021/22-3	Wet	3/29/2022 9:25:00 AM	4/1/2022 10:26:00 PM	Dimethoate	n/a	<	0.012	µg/L	EPA 625.1m	0.012	0.02	WKL	
MO-THO	2021/22-3	Wet	3/29/2022 9:25:00 AM	4/15/2022 5:02:00 AM	Dimethoate	n/a	<	0.04	µg/L	EPA 525.2	0.04	0.4	WKL	
MO-THO	2021/22-3	Wet	3/29/2022 9:25:00 AM	4/1/2022 7:14:00 AM	Dinoseb	n/a	<	0.033	µg/L	EPA 515.4	0.033	0.4	WKL	
MO-THO	2021/22-3	Wet	3/29/2022 9:25:00 AM	4/15/2022 5:02:00 AM	Diphenamid	n/a	<	0.06	µg/L	EPA 525.2	0.06	0.2	WKL	
MO-THO	2021/22-3	Wet	3/29/2022 9:25:00 AM	4/1/2022 10:26:00 PM	Disulfoton	n/a	<	0.02	µg/L	EPA 625.1m	0.02	0.02	WKL	
MO-THO	2021/22-3	Wet	3/29/2022 9:25:00 AM	4/15/2022 5:02:00 AM	Disulfoton	n/a	<	0.031	µg/L	EPA 525.2	0.031	0.2	WKL	
MO-THO	2021/22-3	Wet	3/29/2022 9:25:00 AM	4/10/2022 5:15:00 AM	Endosulfan I	n/a	<	0.0045	µg/L	EPA 608.3	0.0045	0.1	WKL	
MO-THO	2021/22-3	Wet	3/29/2022 9:25:00 AM	4/10/2022 5:15:00 AM	Endosulfan II	n/a	<	0.0035	µg/L	EPA 608.3	0.0035	0.05	WKL	
MO-THO	2021/22-3	Wet	3/29/2022 9:25:00 AM	4/10/2022 5:15:00 AM	Endosulfan sulfate	n/a	<	0.0065	µg/L	EPA 608.3	0.0065	0.25	WKL	
MO-THO	2021/22-3	Wet	3/29/2022 9:25:00 AM	4/10/2022 5:15:00 AM	Endrin	n/a	<	0.0085	µg/L	EPA 608.3	0.0085	0.05	WKL	
MO-THO	2021/22-3	Wet	3/29/2022 9:25:00 AM	4/10/2022 5:15:00 AM	Endrin aldehyde	n/a	<	0.0095	µg/L	EPA 608.3	0.0095	0.05	WKL	
MO-THO	2021/22-3	Wet	3/29/2022 9:25:00 AM	4/15/2022 5:02:00 AM	EPTC	n/a	<	0.04	µg/L	EPA 525.2	0.04	0.2	WKL	
MO-THO	2021/22-3	Wet	3/29/2022 9:25:00 AM	4/1/2022 10:26:00 PM	Ethoprop	n/a	<	0.013	µg/L	EPA 625.1m	0.013	0.02	WKL	
MO-THO	2021/22-3	Wet	3/29/2022 9:25:00 AM	4/1/2022 10:26:00 PM	Ethyl parathion	n/a	<	0.011	µg/L	EPA 625.1m	0.011	0.02	WKL	
MO-THO	2021/22-3	Wet	3/29/2022 9:25:00 AM	4/1/2022 10:26:00 PM	Fensulfothion	n/a	<	0.0058	µg/L	EPA 625.1m	0.0058	0.02	WKL	
MO-THO	2021/22-3	Wet	3/29/2022 9:25:00 AM	4/1/2022 10:26:00 PM	Fenthion	n/a	<	0.0076	µg/L	EPA 625.1m	0.0076	0.02	WKL	
MO-THO	2021/22-3	Wet	3/29/2022 9:25:00 AM	4/10/2022 5:15:00 AM	gamma-BHC (Lindane)	n/a	<	0.002	µg/L	EPA 608.3	0.002	0.1	WKL	
MO-THO	2021/22-3	Wet	3/29/2022 9:25:00 AM	4/10/2022 5:15:00 AM	gamma-Chlordane	n/a	<	0.012	µg/L	EPA 608.3	0.012	0.05	WKL	
MO-THO	2021/22-3	Wet	3/29/2022 9:25:00 AM	4/4/2022 9:14:00 PM	Glyphosate	n/a	=	10	µg/L	EPA 547	1.8	5	WKL	
MO-THO	2021/22-3	Wet	3/29/2022 9:25:00 AM	4/10/2022 5:15:00 AM	Heptachlor	n/a	<	0.003	µg/L	EPA 608.3	0.003	0.05	WKL	
MO-THO	2021/22-3	Wet	3/29/2022 9:25:00 AM	4/10/2022 5:15:00 AM	Heptachlor epoxide	n/a	<	0.002	µg/L	EPA 608.3	0.002	0.05	WKL	
MO-THO	2021/22-3	Wet	3/29/2022 9:25:00 AM	4/1/2022 10:26:00 PM	Malathion	n/a	<	0.015	µg/L	EPA 625.1m	0.015	0.02	WKL	
MO-THO	2021/22-3	Wet	3/29/2022 9:25:00 AM	4/1/2022 10:26:00 PM	Merphos	n/a	<	0.012	µg/L	EPA 625.1m	0.012	0.02	WKL	
MO-THO	2021/22-3	Wet	3/29/2022 9:25:00 AM	4/1/2022 10:26:00 PM	Methyl parathion	n/a	<	0.013	µg/L	EPA 625.1m	0.013	0.02	WKL	
MO-THO	2021/22-3	Wet	3/29/2022 9:25:00 AM	4/15/2022 5:02:00 AM	Metolachlor	n/a	<	0.06	µg/L	EPA 525.2	0.06	0.2	WKL	
MO-THO	2021/22-3	Wet	3/29/2022 9:25:00 AM	4/15/2022 5:02:00 AM	Metribuzin	n/a	<	0.06	µg/L	EPA 525.2	0.06	0.2	WKL	
MO-THO	2021/22-3	Wet	3/29/2022 9:25:00 AM	4/1/2022 10:26:00 PM	Mevinphos	n/a	<	0.0084	µg/L	EPA 625.1m	0.0084	0.02	WKL	
MO-THO	2021/22-3	Wet	3/29/2022 9:25:00 AM	4/15/2022 5:02:00 AM	Molinate	n/a	<	0.06	µg/L	EPA 525.2	0.06	0.2	WKL	
MO-THO	2021/22-3	Wet	3/29/2022 9:25:00 AM	4/1/2022 10:26:00 PM	Naled	n/a	<	0.015	µg/L	EPA 625.1m	0.015	0.02	WKL	
MO-THO	2021/22-3	Wet	3/29/2022 9:25:00 AM	4/1/2022 7:14:00 AM	Pentachlorophenol	n/a	=	0.27	µg/L	EPA 515.4	0.046	0.2	WKL	
MO-THO	2021/22-3	Wet	3/29/2022 9:25:00 AM	4/28/2022 6:01:00 AM	Pentachlorophenol	n/a	<	0.8	µg/L	EPA 625.1	0.8	2	WKL	
MO-THO	2021/22-3	Wet	3/29/2022 9:25:00 AM	4/29/2022 10:34:00 AM	Pentachlorophenol	n/a	<	0.3	µg/L	EPA 8270C	0.3	2	WKL	
MO-THO	2021/22-3	Wet	3/29/2022 9:25:00 AM	4/1/2022 10:26:00 PM	Phorate	n/a	<	0.006	µg/L	EPA 625.1m	0.006	0.02	WKL	
MO-THO	2021/22-3	Wet	3/29/2022 9:25:00 AM	4/1/2022 7:14:00 AM	Picloram	n/a	<	0.6	µg/L	EPA 515.4	0.6	0.6	WKL	
MO-THO	2021/22-3	Wet	3/29/2022 9:25:00 AM	4/15/2022 5:02:00 AM	Prometryn	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
MO-THO	2021/22-3	Wet	3/29/2022 9:25:00 AM	4/1/2022 10:26:00 PM	Ronnel (Fenclorophos)	n/a	<	0.0082	µg/L	EPA 625.1m	0.0082	0.02	WKL	
MO-THO	2021/22-3	Wet	3/29/2022 9:25:00 AM	4/15/2022 5:02:00 AM	Simazine	n/a	<	0.04	µg/L	EPA 525.2	0.04	0.2	WKL	
MO-THO	2021/22-3	Wet	3/29/2022 9:25:00 AM	4/1/2022 10:26:00 PM	Stirophos (Tetrachlorvinphos)	n/a	<	0.0062	µg/L	EPA 625.1m	0.0062	0.02	WKL	
MO-THO	2021/22-3	Wet	3/29/2022 9:25:00 AM	4/15/2022 5:02:00 AM	Terbacil	n/a	<	0.18	µg/L	EPA 525.2	0.18	4	WKL	
MO-THO	2021/22-3	Wet	3/29/2022 9:25:00 AM	4/15/2022 5:02:00 AM	Thiobencarb	n/a	<	0.06	µg/L	EPA 525.2	0.06	0.2	WKL	
MO-THO	2021/22-3	Wet	3/29/2022 9:25:00 AM	4/1/2022 10:26:00 PM	Tokuthion	n/a	<	0.016	µg/L	EPA 625.1m	0.016	0.02	WKL	
MO-THO	2021/22-3	Wet	3/29/2022 9:25:00 AM	4/10/2022 5:15:00 AM	Toxaphene	n/a	<	2.5	µg/L	EPA 608.3	2.5	2.5	WKL	
MO-THO	2021/22-3	Wet	3/29/2022 9:25:00 AM	4/1/2022 10:26:00 PM	Trichloronate	n/a	<	0.013	µg/L	EPA 625.1m	0.013	0.02	WKL	
MO-THO	2021/22-3	Wet	3/29/2022 9:25:00 AM	4/15/2022 5:02:00 AM	Trithion	n/a	<	0.04	µg/L	EPA 525.2	0.04	0.2	WKL	
MO-THO	2021/22-4	Dry	5/19/2022 9:40:00 AM	5/21/2022 4:09:00 AM	Chloride	n/a	=	230	mg/L	EPA 300.0	0.38	1	WKL	
MO-THO	2021/22-4	Dry	5/19/2022 9:40:00 AM	5/21/2022 4:09:00 AM	Fluoride	n/a	=	0.37	mg/L	EPA 300.0	0.018	0.2	WKL	
MO-THO	2021/22-4	Dry	5/19/2022 9:40:00 AM	5/27/2022 9:15:00 PM	Perchlorate	n/a	<	0.39	µg/L	EPA 331	0.39	2	WKL	
MO-THO	2021/22-4	Dry	5/19/2022 9:40:00 AM	5/20/2022 4:00:00 PM	E. Coli	n/a	=	74	MPN/100 mL	MMO-MUG	10	10	VCHCA	
MO-THO	2021/22-4	Dry	5/19/2022 9:40:00 AM	5/20/2022 4:00:00 PM	Total Coliform	n/a	=	5475	MPN/100 mL	MMO-MUG	10	10	VCHCA	
MO-THO	2021/22-4	Dry	5/19/2022 9:40:00 AM	6/1/2022 8:59:00 PM	Calcium	Total	=	97.4	mg/L	EPA 200.7	0.0234	0.5	WKL	
MO-THO	2021/22-4	Dry	5/19/2022 9:40:00 AM	6/1/2022 8:59:00 PM	Magnesium	Total	=	86.7	mg/L	EPA 200.7	0.039	0.5	WKL	
MO-THO	2021/22-4	Dry	5/19/2022 9:40:00 AM	5/26/2022 7:32:00 PM	Alkalinity as CaCO3	n/a	=	320	mg/L	SM 2320 B	1.9	5	WKL	
MO-THO	2021/22-4	Dry	5/19/2022 9:40:00 AM	5/25/2022 3:41:00 PM	BOD	n/a	<	2	mg/L	SM 5210 B	2	2	WKL	
MO-THO	2021/22-4	Dry	5/19/2022 9:40:00 AM	5/25/2022 3:15:00 PM	COD	n/a	DNQ	4.3	mg/L	EPA 410.4	2.9	5	WKL	
MO-THO	2021/22-4	Dry	5/19/2022 9:40:00 AM	5/19/2022 9:40:00 AM	Conductivity	n/a	=	1600	µmhos/cm	Field Meter	-88	1	Field Crew	
MO-THO	2021/22-4	Dry	5/19/2022 9:40:00 AM	5/25/2022 1:46:00 PM	Cyanide	Total	=	0.0043	mg/L	ASTM D7511	0.0012	0.002	WKL	
MO-THO	2021/22-4	Dry	5/19/2022 9:40:00 AM	5/19/2022 9:40:00 AM	DO	n/a	=	7.47	mg/L	Field Meter	-88	0.3	Field Crew	
MO-THO	2021/22-4	Dry	5/19/2022 9:40:00 AM	5/19/2022 9:40:00 AM	DO	n/a	=	71.1	%	Field Meter	-88	0.1	Field Crew	
MO-THO	2021/22-4	Dry	5/19/2022 9:40:00 AM	6/1/2022 8:59:00 PM	Hardness as CaCO3	Total	=	600	mg/L	EPA 200.7	0.219	3.31	WKL	
MO-THO	2021/22-4	Dry	5/19/2022 9:40:00 AM	5/20/2022 4:35:00 PM	MBAS	n/a	DNQ	0.028	mg/L	SM 5540 C	0.013	0.05	WKL	
MO-THO	2021/22-4	Dry	5/19/2022 9:40:00 AM	5/19/2022 9:40:00 AM	pH	n/a	=	8.16	pH Units	Field Meter	-88	0.01	Field Crew	
MO-THO	2021/22-4	Dry	5/19/2022 9:40:00 AM	5/26/2022 3:25:00 PM	Phenolics	n/a	<	0.0068	mg/L	EPA 420.4	0.0068	0.01	WKL	
MO-THO	2021/22-4	Dry	5/19/2022 9:40:00 AM	5/19/2022 9:40:00 AM	Salinity	n/a	=	900	mg/L	Field Meter	-88	100	Field Crew	
MO-THO	2021/22-4	Dry	5/19/2022 9:40:00 AM	5/19/2022 9:40:00 AM	Specific Conductance	n/a	=	1800	µmhos/cm	Field Meter	-88	1	Field Crew	
MO-THO	2021/22-4	Dry	5/19/2022 9:40:00 AM	5/31/2022 12:58:00 PM	Specific Conductance	n/a	=	2000	µmhos/cm	SM 2510 B	3.2	6	WKL	
MO-THO	2021/22-4	Dry	5/19/2022 9:40:00 AM	5/19/2022 9:40:00 AM	Temperature	n/a	=	17.6	°C	Field Meter	-88	0.1	Field Crew	
MO-THO	2021/22-4	Dry	5/19/2022 9:40:00 AM	5/23/2022 4:13:00 PM	Total Dissolved Solids	n/a	=	1200	mg/L	SM 2540 C	4	10	WKL	
MO-THO	2021/22-4	Dry	5/19/2022 9:40:00 AM	5/26/2022 6:41:00 AM	Total Organic Carbon	n/a	=	4	mg/L	SM 5310 B	0.19	0.3	WKL	
MO-THO	2021/22-4	Dry	5/19/2022 9:40:00 AM	5/24/2022 6:20:00 PM	Total Suspended Solids	n/a	DNQ	4	mg/L	SM 2540 D	-88	5	WKL	
MO-THO	2021/22-4	Dry	5/19/2022 9:40:00 AM	5/20/2022 4:08:00 PM	Turbidity	n/a	=	0.55	NTU	EPA 180.1	0.017	0.1	WKL	
MO-THO	2021/22-4	Dry	5/19/2022 9:40:00 AM	5/25/2022 12:20:00 PM	Volatile Suspended Solids	n/a	<	3.1	mg/L	EPA 160.4	3.1	5	WKL	
MO-THO	2021/22-4	Dry	5/19/2022 9:40:00 AM	6/14/2022 7:18:00 PM	Diesel Range Organics	n/a	DNQ	0.098	mg/L	EPA 8015B	0.072	0.1	WKL	
MO-THO	2021/22-4	Dry	5/19/2022 9:40:00 AM	5/24/2022 8:50:00 PM	Gasoline Range Organics	n/a	DNQ	0.084	mg/L	EPA 8260B	0.065	0.1	WKL	
MO-THO	2021/22-4	Dry	5/19/2022 9:40:00 AM	6/1/2022 9:04:00 AM	Oil and Grease	n/a	DNQ	1.3	mg/L	EPA 1664B	0.6	4	WKL	
MO-THO	2021/22-4	Dry	5/19/2022 9:40:00 AM	6/14/2022 7:18:00 PM	Oil Range Organics	n/a	<	0.33	mg/L	EPA 8015B	0.33	0.5	WKL	
MO-THO	2021/22-4	Dry	5/19/2022 9:40:00 AM	5/31/2022 5:07:00 PM	Aluminum	Dissolved	<	4.4	µg/L	EPA 200.8	4.4	20	WKL	
MO-THO	2021/22-4	Dry	5/19/2022 9:40:00 AM	5/31/2022 5:10:00 PM	Aluminum	Total	DNQ	13	µg/L	EPA 200.8	4.4	20	WKL	
MO-THO	2021/22-4	Dry	5/19/2022 9:40:00 AM	5/31/2022 5:07:00 PM	Antimony	Dissolved	DNQ	0.17	µg/L	EPA 200.8	0.089	0.5	WKL	
MO-THO	2021/22-4	Dry	5/19/2022 9:40:00 AM	5/31/2022 5:10:00 PM	Antimony	Total	DNQ	0.19	µg/L	EPA 200.8	0.089	0.5	WKL	
MO-THO	2021/22-4	Dry	5/19/2022 9:40:00 AM	5/31/2022 5:07:00 PM	Arsenic	Dissolved	=	2.3	µg/L	EPA 200.8	0.074	0.4	WKL	
MO-THO	2021/22-4	Dry	5/19/2022 9:40:00 AM	5/31/2022 5:10:00 PM	Arsenic	Total	=	2.4	µg/L	EPA 200.8	0.074	0.4	WKL	
MO-THO	2021/22-4	Dry	5/19/2022 9:40:00 AM	5/31/2022 5:10:00 PM	Barium	Total	=	20	µg/L	EPA 200.8	0.14	1	WKL	
MO-THO	2021/22-4	Dry	5/19/2022 9:40:00 AM	5/31/2022 5:07:00 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
MO-THO	2021/22-4	Dry	5/19/2022 9:40:00 AM	5/31/2022 5:10:00 PM	Beryllium	Total	<	0.029	µg/L	EPA 200.8	0.029	0.1	WKL	
MO-THO	2021/22-4	Dry	5/19/2022 9:40:00 AM	5/31/2022 5:07:00 PM	Cadmium	Dissolved	<	0.042	µg/L	EPA 200.8	0.042	0.2	WKL	
MO-THO	2021/22-4	Dry	5/19/2022 9:40:00 AM	5/31/2022 5:10:00 PM	Cadmium	Total	<	0.042	µg/L	EPA 200.8	0.042	0.2	WKL	
MO-THO	2021/22-4	Dry	5/19/2022 9:40:00 AM	5/31/2022 5:07:00 PM	Chromium	Dissolved	=	0.23	µg/L	EPA 200.8	0.089	0.2	WKL	
MO-THO	2021/22-4	Dry	5/19/2022 9:40:00 AM	5/31/2022 5:10:00 PM	Chromium	Total	=	0.25	µg/L	EPA 200.8	0.089	0.2	WKL	
MO-THO	2021/22-4	Dry	5/19/2022 9:40:00 AM	6/1/2022 3:28:00 PM	Chromium VI	n/a	=	0.11	µg/L	EPA 218.6	0.0079	0.02	WKL	
MO-THO	2021/22-4	Dry	5/19/2022 9:40:00 AM	5/31/2022 5:07:00 PM	Copper	Dissolved	=	0.88	µg/L	EPA 200.8	0.23	0.5	WKL	
MO-THO	2021/22-4	Dry	5/19/2022 9:40:00 AM	5/31/2022 5:10:00 PM	Copper	Total	=	1.1	µg/L	EPA 200.8	0.23	0.5	WKL	
MO-THO	2021/22-4	Dry	5/19/2022 9:40:00 AM	5/31/2022 5:07:00 PM	Iron	Dissolved	DNQ	8.2	µg/L	EPA 200.8	3.9	20	WKL	
MO-THO	2021/22-4	Dry	5/19/2022 9:40:00 AM	5/31/2022 5:10:00 PM	Iron	Total	=	26	µg/L	EPA 200.8	3.9	20	WKL	
MO-THO	2021/22-4	Dry	5/19/2022 9:40:00 AM	5/31/2022 5:07:00 PM	Lead	Dissolved	<	0.083	µg/L	EPA 200.8	0.083	0.2	WKL	
MO-THO	2021/22-4	Dry	5/19/2022 9:40:00 AM	5/31/2022 5:10:00 PM	Lead	Total	<	0.083	µg/L	EPA 200.8	0.083	0.2	WKL	
MO-THO	2021/22-4	Dry	5/19/2022 9:40:00 AM	5/27/2022 4:15:00 PM	Mercury	Dissolved	<	37	ng/L	EPA 245.1	37	50	WKL	
MO-THO	2021/22-4	Dry	5/19/2022 9:40:00 AM	5/27/2022 4:16:00 PM	Mercury	Total	<	37	ng/L	EPA 245.1	37	50	WKL	
MO-THO	2021/22-4	Dry	5/19/2022 9:40:00 AM	5/31/2022 5:07:00 PM	Nickel	Dissolved	DNQ	1.4	µg/L	EPA 200.8	0.16	2	WKL	
MO-THO	2021/22-4	Dry	5/19/2022 9:40:00 AM	5/31/2022 5:10:00 PM	Nickel	Total	DNQ	1.5	µg/L	EPA 200.8	0.16	2	WKL	
MO-THO	2021/22-4	Dry	5/19/2022 9:40:00 AM	5/31/2022 5:07:00 PM	Selenium	Dissolved	=	0.7	µg/L	EPA 200.8	0.067	0.4	WKL	
MO-THO	2021/22-4	Dry	5/19/2022 9:40:00 AM	5/31/2022 5:10:00 PM	Selenium	Total	=	0.73	µg/L	EPA 200.8	0.067	0.4	WKL	
MO-THO	2021/22-4	Dry	5/19/2022 9:40:00 AM	5/31/2022 5:07:00 PM	Silver	Dissolved	<	0.03	µg/L	EPA 200.8	0.03	0.2	WKL	
MO-THO	2021/22-4	Dry	5/19/2022 9:40:00 AM	5/31/2022 5:10:00 PM	Silver	Total	<	0.13	µg/L	EPA 200.8	0.13	0.2	WKL	
MO-THO	2021/22-4	Dry	5/19/2022 9:40:00 AM	5/31/2022 5:07:00 PM	Thallium	Dissolved	<	0.021	µg/L	EPA 200.8	0.021	0.2	WKL	
MO-THO	2021/22-4	Dry	5/19/2022 9:40:00 AM	5/31/2022 5:10:00 PM	Thallium	Total	<	0.021	µg/L	EPA 200.8	0.021	0.2	WKL	
MO-THO	2021/22-4	Dry	5/19/2022 9:40:00 AM	5/31/2022 5:07:00 PM	Zinc	Dissolved	DNQ	4.6	µg/L	EPA 200.8	0.8	10	WKL	
MO-THO	2021/22-4	Dry	5/19/2022 9:40:00 AM	5/31/2022 5:10:00 PM	Zinc	Total	DNQ	5	µg/L	EPA 200.8	1.7	10	WKL	
MO-THO	2021/22-4	Dry	5/19/2022 9:40:00 AM	5/26/2022 4:30:00 PM	Ammonia as N	n/a	=	0.2	mg/L	EPA 350.1	0.017	0.1	WKL	
MO-THO	2021/22-4	Dry	5/19/2022 9:40:00 AM	5/20/2022 5:10:00 PM	Nitrate + Nitrite as N	n/a	=	1.7	mg/L	EPA 353.2	0.036	0.2	WKL	
MO-THO	2021/22-4	Dry	5/19/2022 9:40:00 AM	6/1/2022 8:56:00 PM	Phosphorus as P	Dissolved	=	0.49	mg/L	EPA 200.7	0.018	0.05	WKL	
MO-THO	2021/22-4	Dry	5/19/2022 9:40:00 AM	6/1/2022 8:59:00 PM	Phosphorus as P	Total	=	0.52	mg/L	EPA 200.7	0.018	0.05	WKL	
MO-THO	2021/22-4	Dry	5/19/2022 9:40:00 AM	6/7/2022 1:40:00 PM	TKN	n/a	=	0.58	mg/L	EPA 351.2	0.065	0.1	WKL	
MO-THO	2021/22-4	Dry	5/19/2022 9:40:00 AM	6/1/2022 3:00:00 AM	1,2,4-Trichlorobenzene	n/a	<	0.49	µg/L	EPA 625.1	0.49	1	WKL	
MO-THO	2021/22-4	Dry	5/19/2022 9:40:00 AM	6/1/2022 3:00:00 AM	1,2-Dichlorobenzene	n/a	<	0.46	µg/L	EPA 625.1	0.46	1	WKL	
MO-THO	2021/22-4	Dry	5/19/2022 9:40:00 AM	6/1/2022 3:00:00 AM	1,2-Diphenylhydrazine	n/a	<	0.3	µg/L	EPA 625.1	0.3	1	WKL	
MO-THO	2021/22-4	Dry	5/19/2022 9:40:00 AM	6/1/2022 3:00:00 AM	1,3-Dichlorobenzene	n/a	<	0.42	µg/L	EPA 625.1	0.42	1	WKL	
MO-THO	2021/22-4	Dry	5/19/2022 9:40:00 AM	6/1/2022 3:00:00 AM	1,4-Dichlorobenzene	n/a	<	0.48	µg/L	EPA 625.1	0.48	1	WKL	
MO-THO	2021/22-4	Dry	5/19/2022 9:40:00 AM	6/25/2022 12:31:00 PM	1-Methylnaphthalene	n/a	<	0.024	µg/L	EPA 8270C	0.024	0.1	WKL	
MO-THO	2021/22-4	Dry	5/19/2022 9:40:00 AM	6/24/2022 8:20:00 AM	2,4,5-Trichlorophenol	n/a	<	0.29	µg/L	EPA 8270C	0.29	1	WKL	
MO-THO	2021/22-4	Dry	5/19/2022 9:40:00 AM	6/24/2022 8:20:00 AM	2,4,6-Trichlorophenol	n/a	<	0.3	µg/L	EPA 8270C	0.3	1	WKL	
MO-THO	2021/22-4	Dry	5/19/2022 9:40:00 AM	6/1/2022 3:00:00 AM	2,4,6-Trichlorophenol	n/a	<	0.22	µg/L	EPA 625.1	0.22	1	WKL	
MO-THO	2021/22-4	Dry	5/19/2022 9:40:00 AM	6/24/2022 8:20:00 AM	2,4-Dichlorophenol	n/a	<	0.51	µg/L	EPA 8270C	0.51	1	WKL	
MO-THO	2021/22-4	Dry	5/19/2022 9:40:00 AM	6/1/2022 3:00:00 AM	2,4-Dichlorophenol	n/a	<	0.26	µg/L	EPA 625.1	0.26	1	WKL	
MO-THO	2021/22-4	Dry	5/19/2022 9:40:00 AM	6/1/2022 3:00:00 AM	2,4-Dimethylphenol	n/a	<	0.76	µg/L	EPA 625.1	0.76	1	WKL	
MO-THO	2021/22-4	Dry	5/19/2022 9:40:00 AM	6/24/2022 9:40:00 AM	2,4-Dimethylphenol	n/a	<	1	µg/L	EPA 8270C	1	2	WKL	
MO-THO	2021/22-4	Dry	5/19/2022 9:40:00 AM	6/1/2022 3:00:00 AM	2,4-Dinitrophenol	n/a	<	1.9	µg/L	EPA 625.1	1.9	10	WKL	
MO-THO	2021/22-4	Dry	5/19/2022 9:40:00 AM	6/24/2022 8:20:00 AM	2,4-Dinitrophenol	n/a	<	1	µg/L	EPA 8270C	1	2	WKL	
MO-THO	2021/22-4	Dry	5/19/2022 9:40:00 AM	6/1/2022 3:00:00 AM	2,4-Dinitrotoluene	n/a	<	0.46	µg/L	EPA 625.1	0.46	1	WKL	
MO-THO	2021/22-4	Dry	5/19/2022 9:40:00 AM	6/1/2022 3:00:00 AM	2,6-Dinitrotoluene	n/a	<	0.27	µg/L	EPA 625.1	0.27	1	WKL	
MO-THO	2021/22-4	Dry	5/19/2022 9:40:00 AM	6/1/2022 3:00:00 AM	2-Chloronaphthalene	n/a	<	0.45	µg/L	EPA 625.1	0.45	1	WKL	
MO-THO	2021/22-4	Dry	5/19/2022 9:40:00 AM	6/24/2022 8:20:00 AM	2-Chlorophenol	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-THO	2021/22-4	Dry	5/19/2022 9:40:00 AM	6/1/2022 3:00:00 AM	2-Chlorophenol	n/a	<	0.28	µg/L	EPA 625.1	0.28	1	WKL	
MO-THO	2021/22-4	Dry	5/19/2022 9:40:00 AM	6/25/2022 12:31:00 PM	2-Methylnaphthalene	n/a	<	0.026	µg/L	EPA 8270C	0.026	0.1	WKL	
MO-THO	2021/22-4	Dry	5/19/2022 9:40:00 AM	6/24/2022 8:20:00 AM	2-Methylphenol	n/a	<	0.34	µg/L	EPA 8270C	0.34	1	WKL	
MO-THO	2021/22-4	Dry	5/19/2022 9:40:00 AM	6/1/2022 3:00:00 AM	2-Nitrophenol	n/a	<	0.26	µg/L	EPA 625.1	0.26	1	WKL	
MO-THO	2021/22-4	Dry	5/19/2022 9:40:00 AM	6/24/2022 8:20:00 AM	2-Nitrophenol	n/a	<	0.71	µg/L	EPA 8270C	0.71	1	WKL	
MO-THO	2021/22-4	Dry	5/19/2022 9:40:00 AM	6/1/2022 3:00:00 AM	3,3'-Dichlorobenzidine	n/a	<	2.5	µg/L	EPA 625.1	2.5	5	WKL	
MO-THO	2021/22-4	Dry	5/19/2022 9:40:00 AM	6/24/2022 8:20:00 AM	3-/4-Methylphenol	n/a	<	0.3	µg/L	EPA 8270C	0.3	1	WKL	
MO-THO	2021/22-4	Dry	5/19/2022 9:40:00 AM	6/1/2022 3:00:00 AM	4,6-Dinitro-2-methylphenol	n/a	<	0.5	µg/L	EPA 625.1	0.5	5	WKL	
MO-THO	2021/22-4	Dry	5/19/2022 9:40:00 AM	6/24/2022 8:20:00 AM	4,6-Dinitro-2-methylphenol	n/a	<	0.14	µg/L	EPA 8270C	0.14	1	WKL	
MO-THO	2021/22-4	Dry	5/19/2022 9:40:00 AM	6/1/2022 3:00:00 AM	4-Bromophenyl phenyl ether	n/a	<	0.36	µg/L	EPA 625.1	0.36	1	WKL	
MO-THO	2021/22-4	Dry	5/19/2022 9:40:00 AM	6/1/2022 3:00:00 AM	4-Chloro-3-methylphenol	n/a	<	0.23	µg/L	EPA 625.1	0.23	1	WKL	
MO-THO	2021/22-4	Dry	5/19/2022 9:40:00 AM	6/24/2022 8:20:00 AM	4-Chloro-3-methylphenol	n/a	<	0.37	µg/L	EPA 8270C	0.37	1	WKL	
MO-THO	2021/22-4	Dry	5/19/2022 9:40:00 AM	6/1/2022 3:00:00 AM	4-Chlorophenyl phenyl ether	n/a	<	0.41	µg/L	EPA 625.1	0.41	1	WKL	
MO-THO	2021/22-4	Dry	5/19/2022 9:40:00 AM	6/24/2022 8:20:00 AM	4-Nitrophenol	n/a	<	1	µg/L	EPA 8270C	1	2	WKL	
MO-THO	2021/22-4	Dry	5/19/2022 9:40:00 AM	6/1/2022 3:00:00 AM	4-Nitrophenol	n/a	<	1.2	µg/L	EPA 625.1	1.2	5	WKL	
MO-THO	2021/22-4	Dry	5/19/2022 9:40:00 AM	6/25/2022 12:31:00 PM	Acenaphthene	n/a	<	0.028	µg/L	EPA 8270C	0.028	0.1	WKL	
MO-THO	2021/22-4	Dry	5/19/2022 9:40:00 AM	6/1/2022 3:00:00 AM	Acenaphthene	n/a	<	0.38	µg/L	EPA 625.1	0.38	1	WKL	
MO-THO	2021/22-4	Dry	5/19/2022 9:40:00 AM	6/1/2022 3:00:00 AM	Acenaphthylene	n/a	<	0.35	µg/L	EPA 625.1	0.35	1	WKL	
MO-THO	2021/22-4	Dry	5/19/2022 9:40:00 AM	6/25/2022 12:31:00 PM	Acenaphthylene	n/a	<	0.033	µg/L	EPA 8270C	0.033	0.1	WKL	
MO-THO	2021/22-4	Dry	5/19/2022 9:40:00 AM	6/25/2022 12:31:00 PM	Anthracene	n/a	<	0.025	µg/L	EPA 8270C	0.025	0.1	WKL	
MO-THO	2021/22-4	Dry	5/19/2022 9:40:00 AM	6/1/2022 3:00:00 AM	Anthracene	n/a	<	0.41	µg/L	EPA 625.1	0.41	1	WKL	
MO-THO	2021/22-4	Dry	5/19/2022 9:40:00 AM	6/1/2022 3:00:00 AM	Benz(a)anthracene	n/a	<	0.19	µg/L	EPA 625.1	0.19	1	WKL	
MO-THO	2021/22-4	Dry	5/19/2022 9:40:00 AM	6/25/2022 12:31:00 PM	Benz(a)anthracene	n/a	<	0.051	µg/L	EPA 8270C	0.051	0.1	WKL	
MO-THO	2021/22-4	Dry	5/19/2022 9:40:00 AM	6/1/2022 3:00:00 AM	Benzidine	n/a	<	3.2	µg/L	EPA 625.1	3.2	10	WKL	
MO-THO	2021/22-4	Dry	5/19/2022 9:40:00 AM	6/2/2022 11:22:00 PM	Benzo(a)pyrene	n/a	<	0.02	µg/L	EPA 525.2	0.02	0.1	WKL	
MO-THO	2021/22-4	Dry	5/19/2022 9:40:00 AM	6/1/2022 3:00:00 AM	Benzo(a)pyrene	n/a	<	0.39	µg/L	EPA 625.1	0.39	1	WKL	
MO-THO	2021/22-4	Dry	5/19/2022 9:40:00 AM	6/25/2022 12:31:00 PM	Benzo(a)pyrene	n/a	<	0.051	µg/L	EPA 8270C	0.051	0.1	WKL	
MO-THO	2021/22-4	Dry	5/19/2022 9:40:00 AM	6/1/2022 3:00:00 AM	Benzo(b)fluoranthene	n/a	<	0.46	µg/L	EPA 625.1	0.46	1	WKL	
MO-THO	2021/22-4	Dry	5/19/2022 9:40:00 AM	6/25/2022 12:31:00 PM	Benzo(b)fluoranthene	n/a	<	0.074	µg/L	EPA 8270C	0.074	0.1	WKL	
MO-THO	2021/22-4	Dry	5/19/2022 9:40:00 AM	6/25/2022 12:31:00 PM	Benzo(g,h,i)perylene	n/a	<	0.05	µg/L	EPA 8270C	0.05	0.1	WKL	
MO-THO	2021/22-4	Dry	5/19/2022 9:40:00 AM	6/1/2022 3:00:00 AM	Benzo(g,h,i)perylene	n/a	<	0.42	µg/L	EPA 625.1	0.42	2	WKL	
MO-THO	2021/22-4	Dry	5/19/2022 9:40:00 AM	6/25/2022 12:31:00 PM	Benzo(k)fluoranthene	n/a	<	0.026	µg/L	EPA 8270C	0.026	0.1	WKL	
MO-THO	2021/22-4	Dry	5/19/2022 9:40:00 AM	6/1/2022 3:00:00 AM	Benzo(k)fluoranthene	n/a	<	0.22	µg/L	EPA 625.1	0.22	1	WKL	
MO-THO	2021/22-4	Dry	5/19/2022 9:40:00 AM	6/1/2022 3:00:00 AM	Bis(2-chloroethoxy)methane	n/a	<	0.25	µg/L	EPA 625.1	0.25	1	WKL	
MO-THO	2021/22-4	Dry	5/19/2022 9:40:00 AM	6/1/2022 3:00:00 AM	Bis(2-chloroethyl)ether	n/a	<	0.27	µg/L	EPA 625.1	0.27	1	WKL	
MO-THO	2021/22-4	Dry	5/19/2022 9:40:00 AM	6/1/2022 3:00:00 AM	Bis(2-chloroisopropyl)ether	n/a	<	0.38	µg/L	EPA 625.1	0.38	1	WKL	
MO-THO	2021/22-4	Dry	5/19/2022 9:40:00 AM	6/2/2022 11:22:00 PM	Bis(2-ethylhexyl)adipate	n/a	<	0.42	µg/L	EPA 525.2	0.42	5	WKL	
MO-THO	2021/22-4	Dry	5/19/2022 9:40:00 AM	6/2/2022 11:22:00 PM	Bis(2-ethylhexyl)phthalate	n/a	<	0.41	µg/L	EPA 525.2	0.41	3	WKL	
MO-THO	2021/22-4	Dry	5/19/2022 9:40:00 AM	6/1/2022 3:00:00 AM	Bis(2-ethylhexyl)phthalate	n/a	<	2.3	µg/L	EPA 625.1	2.3	5	WKL	
MO-THO	2021/22-4	Dry	5/19/2022 9:40:00 AM	6/1/2022 3:00:00 AM	Butyl benzyl phthalate	n/a	<	0.49	µg/L	EPA 625.1	0.49	1	WKL	
MO-THO	2021/22-4	Dry	5/19/2022 9:40:00 AM	6/1/2022 3:00:00 AM	Chrysene	n/a	<	0.19	µg/L	EPA 625.1	0.19	1	WKL	
MO-THO	2021/22-4	Dry	5/19/2022 9:40:00 AM	6/25/2022 12:31:00 PM	Chrysene	n/a	<	0.074	µg/L	EPA 8270C	0.074	0.1	WKL	
MO-THO	2021/22-4	Dry	5/19/2022 9:40:00 AM	6/1/2022 3:00:00 AM	Dibenz(a,h)anthracene	n/a	<	0.15	µg/L	EPA 625.1	0.15	2	WKL	
MO-THO	2021/22-4	Dry	5/19/2022 9:40:00 AM	6/25/2022 12:31:00 PM	Dibenz(a,h)anthracene	n/a	<	0.036	µg/L	EPA 8270C	0.036	0.1	WKL	
MO-THO	2021/22-4	Dry	5/19/2022 9:40:00 AM	6/1/2022 3:00:00 AM	Diethyl phthalate	n/a	<	0.35	µg/L	EPA 625.1	0.35	1	WKL	
MO-THO	2021/22-4	Dry	5/19/2022 9:40:00 AM	6/1/2022 3:00:00 AM	Dimethyl phthalate	n/a	=	6.6	µg/L	EPA 625.1	0.18	1	WKL	
MO-THO	2021/22-4	Dry	5/19/2022 9:40:00 AM	6/1/2022 3:00:00 AM	Di-n-butylphthalate	n/a	<	0.34	µg/L	EPA 625.1	0.34	1	WKL	
MO-THO	2021/22-4	Dry	5/19/2022 9:40:00 AM	6/1/2022 3:00:00 AM	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
MO-THO	2021/22-4	Dry	5/19/2022 9:40:00 AM	6/1/2022 3:00:00 AM	Fluoranthene	n/a	<	0.35	µg/L	EPA 625.1	0.35	1	WKL	
MO-THO	2021/22-4	Dry	5/19/2022 9:40:00 AM	6/25/2022 12:31:00 PM	Fluoranthene	n/a	<	0.039	µg/L	EPA 8270C	0.039	0.1	WKL	
MO-THO	2021/22-4	Dry	5/19/2022 9:40:00 AM	6/25/2022 12:31:00 PM	Fluorene	n/a	<	0.029	µg/L	EPA 8270C	0.029	0.1	WKL	
MO-THO	2021/22-4	Dry	5/19/2022 9:40:00 AM	6/1/2022 3:00:00 AM	Fluorene	n/a	<	0.35	µg/L	EPA 625.1	0.35	1	WKL	
MO-THO	2021/22-4	Dry	5/19/2022 9:40:00 AM	6/1/2022 3:00:00 AM	Hexachlorobenzene	n/a	<	0.49	µg/L	EPA 625.1	0.49	1	WKL	
MO-THO	2021/22-4	Dry	5/19/2022 9:40:00 AM	6/1/2022 3:00:00 AM	Hexachlorobutadiene	n/a	<	0.47	µg/L	EPA 625.1	0.47	1	WKL	
MO-THO	2021/22-4	Dry	5/19/2022 9:40:00 AM	6/1/2022 3:00:00 AM	Hexachlorocyclopentadiene	n/a	<	0.31	µg/L	EPA 625.1	0.31	5	WKL	
MO-THO	2021/22-4	Dry	5/19/2022 9:40:00 AM	6/2/2022 11:22:00 PM	Hexachlorocyclopentadiene	n/a	<	0.092	µg/L	EPA 525.2	0.092	1	WKL	
MO-THO	2021/22-4	Dry	5/19/2022 9:40:00 AM	6/1/2022 3:00:00 AM	Hexachloroethane	n/a	<	0.5	µg/L	EPA 625.1	0.5	1	WKL	
MO-THO	2021/22-4	Dry	5/19/2022 9:40:00 AM	6/1/2022 3:00:00 AM	Indeno(1,2,3-cd)pyrene	n/a	<	0.25	µg/L	EPA 625.1	0.25	2	WKL	
MO-THO	2021/22-4	Dry	5/19/2022 9:40:00 AM	6/25/2022 12:31:00 PM	Indeno(1,2,3-cd)pyrene	n/a	<	0.065	µg/L	EPA 8270C	0.065	0.1	WKL	
MO-THO	2021/22-4	Dry	5/19/2022 9:40:00 AM	6/1/2022 3:00:00 AM	Isophorone	n/a	<	0.21	µg/L	EPA 625.1	0.21	1	WKL	
MO-THO	2021/22-4	Dry	5/19/2022 9:40:00 AM	6/1/2022 3:00:00 AM	Naphthalene	n/a	<	0.49	µg/L	EPA 625.1	0.49	1	WKL	
MO-THO	2021/22-4	Dry	5/19/2022 9:40:00 AM	6/25/2022 12:31:00 PM	Naphthalene	n/a	<	0.026	µg/L	EPA 8270C	0.026	0.1	WKL	
MO-THO	2021/22-4	Dry	5/19/2022 9:40:00 AM	6/1/2022 3:00:00 AM	Nitrobenzene	n/a	<	0.36	µg/L	EPA 625.1	0.36	1	WKL	
MO-THO	2021/22-4	Dry	5/19/2022 9:40:00 AM	6/1/2022 3:00:00 AM	N-Nitrosodimethylamine	n/a	<	0.5	µg/L	EPA 625.1	0.5	1	WKL	
MO-THO	2021/22-4	Dry	5/19/2022 9:40:00 AM	6/1/2022 3:00:00 AM	N-Nitrosodi-N-propylamine	n/a	<	0.26	µg/L	EPA 625.1	0.26	1	WKL	
MO-THO	2021/22-4	Dry	5/19/2022 9:40:00 AM	6/1/2022 3:00:00 AM	N-Nitrosodiphenylamine	n/a	<	0.19	µg/L	EPA 625.1	0.19	1	WKL	
MO-THO	2021/22-4	Dry	5/19/2022 9:40:00 AM	6/25/2022 12:31:00 PM	Phenanthrene	n/a	<	0.029	µg/L	EPA 8270C	0.029	0.1	WKL	
MO-THO	2021/22-4	Dry	5/19/2022 9:40:00 AM	6/1/2022 3:00:00 AM	Phenanthrene	n/a	<	0.32	µg/L	EPA 625.1	0.32	1	WKL	
MO-THO	2021/22-4	Dry	5/19/2022 9:40:00 AM	6/1/2022 3:00:00 AM	Phenol	n/a	<	0.81	µg/L	EPA 625.1	0.81	1	WKL	
MO-THO	2021/22-4	Dry	5/19/2022 9:40:00 AM	6/24/2022 8:20:00 AM	Phenol	n/a	<	0.35	µg/L	EPA 8270C	0.35	1	WKL	
MO-THO	2021/22-4	Dry	5/19/2022 9:40:00 AM	6/1/2022 3:00:00 AM	Pyrene	n/a	<	0.25	µg/L	EPA 625.1	0.25	1	WKL	
MO-THO	2021/22-4	Dry	5/19/2022 9:40:00 AM	6/25/2022 12:31:00 PM	Pyrene	n/a	<	0.04	µg/L	EPA 8270C	0.04	0.1	WKL	
MO-THO	2021/22-4	Dry	5/19/2022 9:40:00 AM	5/27/2022 7:26:00 AM	PCB Aroclor 1016	n/a	<	0.29	µg/L	EPA 608.3	0.29	5	WKL	
MO-THO	2021/22-4	Dry	5/19/2022 9:40:00 AM	5/27/2022 7:26:00 AM	PCB Aroclor 1221	n/a	<	0.6	µg/L	EPA 608.3	0.6	5	WKL	
MO-THO	2021/22-4	Dry	5/19/2022 9:40:00 AM	5/27/2022 7:26:00 AM	PCB Aroclor 1232	n/a	<	1	µg/L	EPA 608.3	1	5	WKL	
MO-THO	2021/22-4	Dry	5/19/2022 9:40:00 AM	5/27/2022 7:26:00 AM	PCB Aroclor 1242	n/a	<	0.7	µg/L	EPA 608.3	0.7	5	WKL	
MO-THO	2021/22-4	Dry	5/19/2022 9:40:00 AM	5/27/2022 7:26:00 AM	PCB Aroclor 1248	n/a	<	0.6	µg/L	EPA 608.3	0.6	5	WKL	
MO-THO	2021/22-4	Dry	5/19/2022 9:40:00 AM	5/27/2022 7:26:00 AM	PCB Aroclor 1254	n/a	<	0.4	µg/L	EPA 608.3	0.4	5	WKL	
MO-THO	2021/22-4	Dry	5/19/2022 9:40:00 AM	5/27/2022 7:26:00 AM	PCB Aroclor 1260	n/a	<	0.55	µg/L	EPA 608.3	0.55	5	WKL	
MO-THO	2021/22-4	Dry	5/19/2022 9:40:00 AM	5/29/2022 12:01:00 AM	2,4,5-T	n/a	<	0.03	µg/L	EPA 515.4	0.03	0.2	WKL	
MO-THO	2021/22-4	Dry	5/19/2022 9:40:00 AM	5/29/2022 12:01:00 AM	2,4,5-TP	n/a	<	0.026	µg/L	EPA 515.4	0.026	0.2	WKL	
MO-THO	2021/22-4	Dry	5/19/2022 9:40:00 AM	5/29/2022 12:01:00 AM	2,4-D	n/a	<	0.14	µg/L	EPA 515.4	0.14	0.4	WKL	
MO-THO	2021/22-4	Dry	5/19/2022 9:40:00 AM	5/29/2022 12:01:00 AM	2,4-DB	n/a	<	0.19	µg/L	EPA 515.4	0.19	2	WKL	
MO-THO	2021/22-4	Dry	5/19/2022 9:40:00 AM	5/29/2022 12:01:00 AM	3,5-Dichlorobenzoic acid	n/a	<	0.12	µg/L	EPA 515.4	0.12	1	WKL	
MO-THO	2021/22-4	Dry	5/19/2022 9:40:00 AM	5/27/2022 7:26:00 AM	4,4'-DDD	n/a	<	0.007	µg/L	EPA 608.3	0.007	0.5	WKL	
MO-THO	2021/22-4	Dry	5/19/2022 9:40:00 AM	5/27/2022 7:26:00 AM	4,4'-DDE	n/a	<	0.007	µg/L	EPA 608.3	0.007	0.5	WKL	
MO-THO	2021/22-4	Dry	5/19/2022 9:40:00 AM	5/27/2022 7:26:00 AM	4,4'-DDT	n/a	<	0.011	µg/L	EPA 608.3	0.011	0.1	WKL	
MO-THO	2021/22-4	Dry	5/19/2022 9:40:00 AM	5/29/2022 12:01:00 AM	Acifluorfen	n/a	<	0.03	µg/L	EPA 515.4	0.03	0.4	WKL	
MO-THO	2021/22-4	Dry	5/19/2022 9:40:00 AM	6/2/2022 11:22:00 PM	Alachlor	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1	WKL	
MO-THO	2021/22-4	Dry	5/19/2022 9:40:00 AM	5/27/2022 7:26:00 AM	Aldrin	n/a	<	0.01	µg/L	EPA 608.3	0.01	0.05	WKL	
MO-THO	2021/22-4	Dry	5/19/2022 9:40:00 AM	5/27/2022 7:26:00 AM	alpha-BHC	n/a	<	0.011	µg/L	EPA 608.3	0.011	0.1	WKL	
MO-THO	2021/22-4	Dry	5/19/2022 9:40:00 AM	7/29/2022 4:34:00 AM	alpha-Chlordane	n/a	<	0.0058	µg/L	EPA 608.3	0.0058	0.02	WKL	EST-HT
MO-THO	2021/22-4	Dry	5/19/2022 9:40:00 AM	6/2/2022 11:22:00 PM	Atrazine	n/a	<	0.011	µg/L	EPA 525.2	0.011	0.1	WKL	
MO-THO	2021/22-4	Dry	5/19/2022 9:40:00 AM	6/2/2022 3:47:00 AM	Azinphos methyl	n/a	<	0.0053	µg/L	EPA 625.1m	0.0053	0.01	WKL	
MO-THO	2021/22-4	Dry	5/19/2022 9:40:00 AM	5/29/2022 12:01:00 AM	Bentazon	n/a	<	0.23	µg/L	EPA 515.4	0.23	2	WKL	
MO-THO	2021/22-4	Dry	5/19/2022 9:40:00 AM	5/27/2022 7:26:00 AM	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-THO	2021/22-4	Dry	5/19/2022 9:40:00 AM	6/2/2022 3:47:00 AM	Bolstar	n/a	<	0.0027	µg/L	EPA 625.1m	0.0027	0.01	WKL	
MO-THO	2021/22-4	Dry	5/19/2022 9:40:00 AM	6/2/2022 11:22:00 PM	Bromacil	n/a	<	0.07	µg/L	EPA 525.2	0.07	0.5	WKL	
MO-THO	2021/22-4	Dry	5/19/2022 9:40:00 AM	6/2/2022 11:22:00 PM	Butachlor	n/a	<	0.012	µg/L	EPA 525.2	0.012	0.1	WKL	
MO-THO	2021/22-4	Dry	5/19/2022 9:40:00 AM	6/2/2022 11:22:00 PM	Captan	n/a	<	0.32	µg/L	EPA 525.2	0.32	1	WKL	
MO-THO	2021/22-4	Dry	5/19/2022 9:40:00 AM	5/27/2022 7:26:00 AM	Chlordane (technical)	n/a	<	0.43	µg/L	EPA 608.3	0.43	1	WKL	
MO-THO	2021/22-4	Dry	5/19/2022 9:40:00 AM	6/2/2022 11:22:00 PM	Chlorpropham	n/a	<	0.04	µg/L	EPA 525.2	0.04	0.1	WKL	
MO-THO	2021/22-4	Dry	5/19/2022 9:40:00 AM	6/2/2022 3:47:00 AM	Chlorpyrifos	n/a	<	0.0013	µg/L	EPA 625.1m	0.0013	0.01	WKL	
MO-THO	2021/22-4	Dry	5/19/2022 9:40:00 AM	6/2/2022 3:47:00 AM	Coumaphos	n/a	<	0.0055	µg/L	EPA 625.1m	0.0055	0.01	WKL	
MO-THO	2021/22-4	Dry	5/19/2022 9:40:00 AM	5/29/2022 12:01:00 AM	Dalapon	n/a	<	0.11	µg/L	EPA 515.4	0.11	0.4	WKL	
MO-THO	2021/22-4	Dry	5/19/2022 9:40:00 AM	5/29/2022 12:01:00 AM	DPCA (Dacthal)	n/a	<	0.029	µg/L	EPA 515.4	0.029	0.1	WKL	
MO-THO	2021/22-4	Dry	5/19/2022 9:40:00 AM	5/27/2022 7:26:00 AM	delta-BHC	n/a	<	0.019	µg/L	EPA 608.3	0.019	0.05	WKL	
MO-THO	2021/22-4	Dry	5/19/2022 9:40:00 AM	6/2/2022 3:47:00 AM	Demeton-O	n/a	<	0.0019	µg/L	EPA 625.1m	0.0019	0.01	WKL	
MO-THO	2021/22-4	Dry	5/19/2022 9:40:00 AM	6/2/2022 3:47:00 AM	Demeton-S	n/a	<	0.0014	µg/L	EPA 625.1m	0.0014	0.01	WKL	LB-LCSR
MO-THO	2021/22-4	Dry	5/19/2022 9:40:00 AM	6/2/2022 11:22:00 PM	Diazinon	n/a	<	0.022	µg/L	EPA 525.2	0.022	0.1	WKL	
MO-THO	2021/22-4	Dry	5/19/2022 9:40:00 AM	6/2/2022 3:47:00 AM	Diazinon	n/a	<	0.001	µg/L	EPA 625.1m	0.001	0.01	WKL	LB-LCSR
MO-THO	2021/22-4	Dry	5/19/2022 9:40:00 AM	5/29/2022 12:01:00 AM	Dicamba	n/a	<	0.049	µg/L	EPA 515.4	0.049	0.6	WKL	
MO-THO	2021/22-4	Dry	5/19/2022 9:40:00 AM	5/29/2022 12:01:00 AM	Dichlorprop	n/a	<	0.12	µg/L	EPA 515.4	0.12	0.3	WKL	
MO-THO	2021/22-4	Dry	5/19/2022 9:40:00 AM	6/2/2022 3:47:00 AM	Dichlorvos	n/a	<	0.0009	µg/L	EPA 625.1m	0.0009	0.01	WKL	
MO-THO	2021/22-4	Dry	5/19/2022 9:40:00 AM	5/27/2022 7:26:00 AM	Dieldrin	n/a	<	0.008	µg/L	EPA 608.3	0.008	0.1	WKL	
MO-THO	2021/22-4	Dry	5/19/2022 9:40:00 AM	6/2/2022 3:47:00 AM	Dimethoate	n/a	<	0.0027	µg/L	EPA 625.1m	0.0027	0.01	WKL	
MO-THO	2021/22-4	Dry	5/19/2022 9:40:00 AM	6/2/2022 11:22:00 PM	Dimethoate	n/a	<	0.02	µg/L	EPA 525.2	0.02	0.2	WKL	
MO-THO	2021/22-4	Dry	5/19/2022 9:40:00 AM	5/29/2022 12:01:00 AM	Dinoseb	n/a	<	0.033	µg/L	EPA 515.4	0.033	0.4	WKL	
MO-THO	2021/22-4	Dry	5/19/2022 9:40:00 AM	6/2/2022 11:22:00 PM	Diphenamid	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1	WKL	
MO-THO	2021/22-4	Dry	5/19/2022 9:40:00 AM	6/2/2022 11:22:00 PM	Disulfoton	n/a	<	0.015	µg/L	EPA 525.2	0.015	0.1	WKL	
MO-THO	2021/22-4	Dry	5/19/2022 9:40:00 AM	6/2/2022 3:47:00 AM	Disulfoton	n/a	<	0.0017	µg/L	EPA 625.1m	0.0017	0.01	WKL	
MO-THO	2021/22-4	Dry	5/19/2022 9:40:00 AM	5/27/2022 7:26:00 AM	Endosulfan I	n/a	<	0.009	µg/L	EPA 608.3	0.009	0.2	WKL	
MO-THO	2021/22-4	Dry	5/19/2022 9:40:00 AM	5/27/2022 7:26:00 AM	Endosulfan II	n/a	<	0.007	µg/L	EPA 608.3	0.007	0.1	WKL	
MO-THO	2021/22-4	Dry	5/19/2022 9:40:00 AM	5/27/2022 7:26:00 AM	Endosulfan sulfate	n/a	<	0.013	µg/L	EPA 608.3	0.013	0.5	WKL	
MO-THO	2021/22-4	Dry	5/19/2022 9:40:00 AM	5/27/2022 7:26:00 AM	Endrin	n/a	<	0.017	µg/L	EPA 608.3	0.017	0.1	WKL	
MO-THO	2021/22-4	Dry	5/19/2022 9:40:00 AM	5/27/2022 7:26:00 AM	Endrin aldehyde	n/a	<	0.019	µg/L	EPA 608.3	0.019	0.1	WKL	
MO-THO	2021/22-4	Dry	5/19/2022 9:40:00 AM	6/2/2022 11:22:00 PM	EPTC	n/a	<	0.02	µg/L	EPA 525.2	0.02	0.1	WKL	
MO-THO	2021/22-4	Dry	5/19/2022 9:40:00 AM	6/2/2022 3:47:00 AM	Ethoprop	n/a	<	0.0006	µg/L	EPA 625.1m	0.0006	0.01	WKL	
MO-THO	2021/22-4	Dry	5/19/2022 9:40:00 AM	6/2/2022 3:47:00 AM	Ethyl parathion	n/a	<	0.0022	µg/L	EPA 625.1m	0.0022	0.01	WKL	
MO-THO	2021/22-4	Dry	5/19/2022 9:40:00 AM	6/2/2022 3:47:00 AM	Fensulfothion	n/a	<	0.0029	µg/L	EPA 625.1m	0.0029	0.01	WKL	
MO-THO	2021/22-4	Dry	5/19/2022 9:40:00 AM	6/2/2022 3:47:00 AM	Fenthion	n/a	<	0.0021	µg/L	EPA 625.1m	0.0021	0.01	WKL	
MO-THO	2021/22-4	Dry	5/19/2022 9:40:00 AM	5/27/2022 7:26:00 AM	gamma-BHC (Lindane)	n/a	<	0.004	µg/L	EPA 608.3	0.004	0.2	WKL	
MO-THO	2021/22-4	Dry	5/19/2022 9:40:00 AM	7/29/2022 4:34:00 AM	gamma-Chlordane	n/a	<	0.0046	µg/L	EPA 608.3	0.0046	0.02	WKL	EST-HT
MO-THO	2021/22-4	Dry	5/19/2022 9:40:00 AM	5/24/2022 8:15:00 PM	Glyphosate	n/a	<	1.8	µg/L	EPA 547	1.8	5	WKL	
MO-THO	2021/22-4	Dry	5/19/2022 9:40:00 AM	5/27/2022 7:26:00 AM	Heptachlor	n/a	<	0.006	µg/L	EPA 608.3	0.006	0.1	WKL	
MO-THO	2021/22-4	Dry	5/19/2022 9:40:00 AM	5/27/2022 7:26:00 AM	Heptachlor epoxide	n/a	<	0.004	µg/L	EPA 608.3	0.004	0.1	WKL	
MO-THO	2021/22-4	Dry	5/19/2022 9:40:00 AM	6/2/2022 3:47:00 AM	Malathion	n/a	<	0.0021	µg/L	EPA 625.1m	0.0021	0.01	WKL	
MO-THO	2021/22-4	Dry	5/19/2022 9:40:00 AM	6/2/2022 3:47:00 AM	Merphos	n/a	<	0.0055	µg/L	EPA 625.1m	0.0055	0.01	WKL	
MO-THO	2021/22-4	Dry	5/19/2022 9:40:00 AM	6/2/2022 3:47:00 AM	Methyl parathion	n/a	<	0.0013	µg/L	EPA 625.1m	0.0013	0.01	WKL	
MO-THO	2021/22-4	Dry	5/19/2022 9:40:00 AM	6/2/2022 11:22:00 PM	Metolachlor	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1	WKL	
MO-THO	2021/22-4	Dry	5/19/2022 9:40:00 AM	6/2/2022 11:22:00 PM	Metribuzin	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1	WKL	
MO-THO	2021/22-4	Dry	5/19/2022 9:40:00 AM	6/2/2022 3:47:00 AM	Mevinphos	n/a	<	0.0013	µg/L	EPA 625.1m	0.0013	0.01	WKL	
MO-THO	2021/22-4	Dry	5/19/2022 9:40:00 AM	6/2/2022 11:22:00 PM	Molinate	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1	WKL	
MO-THO	2021/22-4	Dry	5/19/2022 9:40:00 AM	6/2/2022 3:47:00 AM	Naled	n/a	<	0.0007	µg/L	EPA 625.1m	0.0007	0.01	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-THO	2021/22-4	Dry	5/19/2022 9:40:00 AM	6/24/2022 8:20:00 AM	Pentachlorophenol	n/a	<	0.15	µg/L	EPA 8270C	0.15	1	WKL	
MO-THO	2021/22-4	Dry	5/19/2022 9:40:00 AM	6/1/2022 3:00:00 AM	Pentachlorophenol	n/a	<	0.4	µg/L	EPA 625.1	0.4	1	WKL	
MO-THO	2021/22-4	Dry	5/19/2022 9:40:00 AM	5/29/2022 12:01:00 AM	Pentachlorophenol	n/a	<	0.046	µg/L	EPA 515.4	0.046	0.2	WKL	
MO-THO	2021/22-4	Dry	5/19/2022 9:40:00 AM	6/2/2022 3:47:00 AM	Phorate	n/a	<	0.0014	µg/L	EPA 625.1m	0.0014	0.01	WKL	
MO-THO	2021/22-4	Dry	5/19/2022 9:40:00 AM	5/29/2022 12:01:00 AM	Picloram	n/a	<	0.05	µg/L	EPA 515.4	0.05	0.6	WKL	
MO-THO	2021/22-4	Dry	5/19/2022 9:40:00 AM	6/2/2022 11:22:00 PM	Prometryn	n/a	DNQ	0.043	µg/L	EPA 525.2	0.03	0.1	WKL	
MO-THO	2021/22-4	Dry	5/19/2022 9:40:00 AM	6/2/2022 3:47:00 AM	Ronnel (Fenchlorphos)	n/a	<	0.0014	µg/L	EPA 625.1m	0.0014	0.01	WKL	
MO-THO	2021/22-4	Dry	5/19/2022 9:40:00 AM	6/2/2022 11:22:00 PM	Simazine	n/a	<	0.02	µg/L	EPA 525.2	0.02	0.1	WKL	
MO-THO	2021/22-4	Dry	5/19/2022 9:40:00 AM	6/2/2022 3:47:00 AM	Stirophos (Tetrachlorvinphos)	n/a	<	0.0024	µg/L	EPA 625.1m	0.0024	0.01	WKL	
MO-THO	2021/22-4	Dry	5/19/2022 9:40:00 AM	6/2/2022 11:22:00 PM	Terbacil	n/a	<	0.09	µg/L	EPA 525.2	0.09	2	WKL	
MO-THO	2021/22-4	Dry	5/19/2022 9:40:00 AM	6/2/2022 11:22:00 PM	Thiobencarb	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1	WKL	
MO-THO	2021/22-4	Dry	5/19/2022 9:40:00 AM	6/2/2022 3:47:00 AM	Tokuthion	n/a	<	0.0022	µg/L	EPA 625.1m	0.0022	0.01	WKL	
MO-THO	2021/22-4	Dry	5/19/2022 9:40:00 AM	5/27/2022 7:26:00 AM	Toxaphene	n/a	<	0.85	µg/L	EPA 608.3	0.85	5	WKL	
MO-THO	2021/22-4	Dry	5/19/2022 9:40:00 AM	6/2/2022 3:47:00 AM	Trichloronate	n/a	<	0.0016	µg/L	EPA 625.1m	0.0016	0.01	WKL	
MO-THO	2021/22-4	Dry	5/19/2022 9:40:00 AM	6/2/2022 11:22:00 PM	Trithion	n/a	<	0.02	µg/L	EPA 525.2	0.02	0.1	WKL	
MO-THO	2022-DRY	Dry	8/3/2022 10:20:00 AM	8/4/2022 12:40:00 PM	E. Coli	n/a	=	70	MPN/100 mL	MMO-MUG	10	10	VCHCA	
MO-THO	2022-DRY	Dry	8/3/2022 10:20:00 AM	8/4/2022 12:40:00 PM	Total Coliform	n/a	=	68670	MPN/100 mL	MMO-MUG	100	100	VCHCA	
MO-THO	2022-DRY	Dry	8/3/2022 10:20:00 AM	8/11/2022 7:47:00 PM	Calcium	Total	=	108	mg/L	EPA 200.7	0.0234	0.5	WKL	
MO-THO	2022-DRY	Dry	8/3/2022 10:20:00 AM	8/11/2022 7:47:00 PM	Magnesium	Total	=	113	mg/L	EPA 200.7	0.039	0.5	WKL	
MO-THO	2022-DRY	Dry	8/3/2022 10:20:00 AM	8/3/2022 10:20:00 AM	Conductivity	n/a	=	1926	µmhos/cm	Field Meter	-88	1	Field Crew	
MO-THO	2022-DRY	Dry	8/3/2022 10:20:00 AM	8/3/2022 10:20:00 AM	Discharge	n/a	=	0.6	cfs	Field Estimate	-88	-88	Field Crew	
MO-THO	2022-DRY	Dry	8/3/2022 10:20:00 AM	8/3/2022 10:20:00 AM	DO	n/a	=	7.86	mg/L	Field Meter	-88	0.3	Field Crew	
MO-THO	2022-DRY	Dry	8/3/2022 10:20:00 AM	8/3/2022 10:20:00 AM	DO	n/a	=	88.7	%	Field Meter	-88	0.1	Field Crew	
MO-THO	2022-DRY	Dry	8/3/2022 10:20:00 AM	8/11/2022 7:47:00 PM	Hardness as CaCO3	Total	=	736	mg/L	EPA 200.7	0.219	3.31	WKL	
MO-THO	2022-DRY	Dry	8/3/2022 10:20:00 AM	8/3/2022 10:20:00 AM	pH	n/a	=	8.25	pH Units	Field Meter	-88	0.01	Field Crew	
MO-THO	2022-DRY	Dry	8/3/2022 10:20:00 AM	8/3/2022 10:20:00 AM	Salinity	n/a	=	1100	mg/L	Field Meter	-88	100	Field Crew	
MO-THO	2022-DRY	Dry	8/3/2022 10:20:00 AM	8/3/2022 10:20:00 AM	Specific Conductance	n/a	=	2079	µmhos/cm	Field Meter	-88	1	Field Crew	
MO-THO	2022-DRY	Dry	8/3/2022 10:20:00 AM	8/3/2022 10:20:00 AM	Temperature	n/a	=	21.1	°C	Field Meter	-88	0.1	Field Crew	
MO-THO	2022-DRY	Dry	8/3/2022 10:20:00 AM	8/12/2022 11:56:00 PM	Total Organic Carbon	n/a	=	3	mg/L	SM 5310 B	0.19	0.3	WKL	
MO-THO	2022-DRY	Dry	8/3/2022 10:20:00 AM	8/3/2022 10:20:00 AM	Turbidity	n/a	=	1.57	NTU	Field Meter	-88	0.01	Field Crew	
MO-THO	2022-DRY	Dry	8/3/2022 10:20:00 AM	8/9/2022 7:29:00 PM	Copper	Dissolved	DNQ	0.42	µg/L	EPA 200.8	0.23	0.5	WKL	
MO-THO	2022-DRY	Dry	8/3/2022 10:20:00 AM	8/9/2022 7:29:00 PM	Lead	Dissolved	<	0.083	µg/L	EPA 200.8	0.083	0.2	WKL	
MO-THO	2022-DRY	Dry	8/3/2022 10:20:00 AM	8/9/2022 7:29:00 PM	Zinc	Dissolved	DNQ	1.7	µg/L	EPA 200.8	0.8	10	WKL	UL-MB
MO-VEN	2021/22-1	Wet	10/25/2021 1:20:00 PM	10/26/2021 11:49:00 AM	E. Coli	n/a	=	8164	MPN/100 mL	MMO-MUG	10	10	FGL	
MO-VEN	2021/22-1	Wet	10/25/2021 1:20:00 PM	10/26/2021 11:49:00 AM	Total Coliform	n/a	=	325500	MPN/100 mL	MMO-MUG	1000	1000	FGL	
MO-VEN	2021/22-1	Wet	10/25/2021 1:20:00 PM	10/25/2021 1:20:00 PM	Conductivity	n/a	=	157.7	µmhos/cm	Field Meter	-88	1	Field Crew	
MO-VEN	2021/22-1	Wet	10/25/2021 1:20:00 PM	10/28/2021 3:45:00 PM	Cyanide	Total	DNQ	0.0016	mg/L	ASTM D7511	0.0012	0.002	WKL	
MO-VEN	2021/22-1	Wet	10/25/2021 1:20:00 PM	10/25/2021 1:20:00 PM	DO	n/a	=	8.17	mg/L	Field Meter	-88	0.3	Field Crew	
MO-VEN	2021/22-1	Wet	10/25/2021 1:20:00 PM	10/25/2021 1:20:00 PM	DO	n/a	=	82.8	%	Field Meter	-88	0.1	Field Crew	
MO-VEN	2021/22-1	Wet	10/25/2021 1:20:00 PM	10/25/2021 1:20:00 PM	pH	n/a	=	7.67	pH Units	Field Meter	-88	0.01	Field Crew	
MO-VEN	2021/22-1	Wet	10/25/2021 1:20:00 PM	10/25/2021 1:20:00 PM	Salinity	n/a	=	100	mg/L	Field Meter	-88	100	Field Crew	
MO-VEN	2021/22-1	Wet	10/25/2021 1:20:00 PM	10/25/2021 1:20:00 PM	Specific Conductance	n/a	=	182.7	µmhos/cm	Field Meter	-88	1	Field Crew	
MO-VEN	2021/22-1	Wet	10/25/2021 1:20:00 PM	10/25/2021 1:20:00 PM	Temperature	n/a	=	17.8	°C	Field Meter	-88	0.1	Field Crew	
MO-VEN	2021/22-1	Wet	10/25/2021 1:20:00 PM	10/29/2021 4:47:00 PM	Gasoline Range Organics	n/a	DNQ	0.073	mg/L	EPA 8260B	0.065	0.1	WKL	
MO-VEN	2021/22-1	Wet	10/25/2021 1:20:00 PM	11/15/2021 5:14:00 PM	Oil and Grease	n/a	DNQ	2.3	mg/L	EPA 1664B	1.3	5	WKL	
MO-VEN	2021/22-1	Wet	10/25/2021 1:20:00 PM	10/29/2021 6:16:00 PM	2-Chloroethyl vinyl ether	n/a	<	0.19	µg/L	EPA 624.1	0.19	1	WKL	
MO-VEN	2021/22-1	Wet	10/25/2021 1:20:00 PM	10/29/2021 6:16:00 PM	Methyl tert-butyl ether (MTBE)	n/a	<	0.4	µg/L	EPA 624.1	0.4	1	WKL	
MO-VEN	2021/22-1	Wet	10/26/2021 9:30:00 AM	11/13/2021 6:17:00 AM	Chloride	n/a	=	16	mg/L	EPA 300.0	0.38	1	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-VEN	2021/22-1	Wet	10/26/2021 9:30:00 AM	11/13/2021 6:17:00 AM	Fluoride	n/a	DNQ	0.19	mg/L	EPA 300.0	0.018	0.2	WKL	
MO-VEN	2021/22-1	Wet	10/26/2021 9:30:00 AM	10/31/2021 12:23:00 AM	Perchlorate	n/a	<	2	µg/L	EPA 314.0	2	10	WKL	
MO-VEN	2021/22-1	Wet	10/26/2021 9:30:00 AM	11/17/2021 6:23:00 PM	Calcium	Total	=	33	mg/L	EPA 200.7	0.16	0.5	WKL	
MO-VEN	2021/22-1	Wet	10/26/2021 9:30:00 AM	11/17/2021 6:23:00 PM	Magnesium	Total	=	8.13	mg/L	EPA 200.7	0.039	0.5	WKL	
MO-VEN	2021/22-1	Wet	10/26/2021 9:30:00 AM	10/29/2021 5:56:00 PM	Alkalinity as CaCO3	n/a	=	68	mg/L	SM 2320 B	2.3	5	WKL	
MO-VEN	2021/22-1	Wet	10/26/2021 9:30:00 AM	11/1/2021 6:06:00 PM	BOD	n/a	=	25	mg/L	SM 5210 B	2	2	WKL	
MO-VEN	2021/22-1	Wet	10/26/2021 9:30:00 AM	11/10/2021 11:21:00 AM	COD	n/a	=	130	mg/L	EPA 410.4	2.9	5	WKL	
MO-VEN	2021/22-1	Wet	10/26/2021 9:30:00 AM	11/17/2021 6:23:00 PM	Hardness as CaCO3	Total	=	116	mg/L	EPA 200.7	0.56	3.31	WKL	
MO-VEN	2021/22-1	Wet	10/26/2021 9:30:00 AM	10/27/2021 2:28:00 PM	MBAS	n/a	=	0.1	mg/L	SM 5540 C	0.013	0.05	WKL	
MO-VEN	2021/22-1	Wet	10/26/2021 9:30:00 AM	11/10/2021 2:13:00 PM	Phenolics	n/a	=	0.028	mg/L	EPA 420.4	0.0042	0.01	WKL	
MO-VEN	2021/22-1	Wet	10/26/2021 9:30:00 AM	10/30/2021 11:40:00 AM	Specific Conductance	n/a	=	300	µmhos/cm	SM 2510 B	1.1	2	WKL	
MO-VEN	2021/22-1	Wet	10/26/2021 9:30:00 AM	10/31/2021 1:00:00 PM	Total Dissolved Solids	n/a	=	220	mg/L	SM 2540 C	4	10	WKL	
MO-VEN	2021/22-1	Wet	10/26/2021 9:30:00 AM	11/5/2021 12:55:00 PM	Total Organic Carbon	n/a	=	22	mg/L	SM 5310 B	0.19	0.3	WKL	
MO-VEN	2021/22-1	Wet	10/26/2021 9:30:00 AM	10/28/2021 7:27:00 PM	Total Suspended Solids	n/a	=	670	mg/L	SM 2540 D	-88	5	WKL	
MO-VEN	2021/22-1	Wet	10/26/2021 9:30:00 AM	10/26/2021 5:10:00 PM	Turbidity	n/a	=	75	NTU	EPA 180.1	0.085	0.5	WKL	
MO-VEN	2021/22-1	Wet	10/26/2021 9:30:00 AM	10/28/2021 7:07:00 PM	Volatile Suspended Solids	n/a	=	180	mg/L	EPA 160.4	3.1	5	WKL	
MO-VEN	2021/22-1	Wet	10/26/2021 9:30:00 AM	11/19/2021 6:17:00 AM	Diesel Range Organics	n/a	=	0.62	mg/L	EPA 8015B	0.36	0.5	WKL	EST-LCSRPD
MO-VEN	2021/22-1	Wet	10/26/2021 9:30:00 AM	11/19/2021 6:17:00 AM	Oil Range Organics	n/a	<	1.6	mg/L	EPA 8015B	1.6	2.5	WKL	
MO-VEN	2021/22-1	Wet	10/26/2021 9:30:00 AM	11/11/2021 6:41:00 PM	Aluminum	Dissolved	=	32	µg/L	EPA 200.8	4.4	20	WKL	
MO-VEN	2021/22-1	Wet	10/26/2021 9:30:00 AM	11/11/2021 6:44:00 PM	Aluminum	Total	=	5600	µg/L	EPA 200.8	4.4	20	WKL	
MO-VEN	2021/22-1	Wet	10/26/2021 9:30:00 AM	11/11/2021 6:41:00 PM	Antimony	Dissolved	=	1.4	µg/L	EPA 200.8	0.089	0.5	WKL	
MO-VEN	2021/22-1	Wet	10/26/2021 9:30:00 AM	11/11/2021 6:44:00 PM	Antimony	Total	=	3.1	µg/L	EPA 200.8	0.089	0.5	WKL	
MO-VEN	2021/22-1	Wet	10/26/2021 9:30:00 AM	11/11/2021 6:41:00 PM	Arsenic	Dissolved	=	1.2	µg/L	EPA 200.8	0.074	0.4	WKL	
MO-VEN	2021/22-1	Wet	10/26/2021 9:30:00 AM	11/11/2021 6:44:00 PM	Arsenic	Total	=	4.6	µg/L	EPA 200.8	0.074	0.4	WKL	
MO-VEN	2021/22-1	Wet	10/26/2021 9:30:00 AM	11/11/2021 6:44:00 PM	Barium	Total	=	120	µg/L	EPA 200.8	0.14	1	WKL	
MO-VEN	2021/22-1	Wet	10/26/2021 9:30:00 AM	11/11/2021 6:41:00 PM	Beryllium	Dissolved	<	0.062	µg/L	EPA 200.8	0.062	0.1	WKL	
MO-VEN	2021/22-1	Wet	10/26/2021 9:30:00 AM	11/11/2021 6:44:00 PM	Beryllium	Total	=	0.25	µg/L	EPA 200.8	0.062	0.1	WKL	
MO-VEN	2021/22-1	Wet	10/26/2021 9:30:00 AM	11/11/2021 6:41:00 PM	Cadmium	Dissolved	<	0.042	µg/L	EPA 200.8	0.042	0.2	WKL	
MO-VEN	2021/22-1	Wet	10/26/2021 9:30:00 AM	11/11/2021 6:44:00 PM	Cadmium	Total	=	0.71	µg/L	EPA 200.8	0.042	0.2	WKL	
MO-VEN	2021/22-1	Wet	10/26/2021 9:30:00 AM	11/11/2021 6:41:00 PM	Chromium	Dissolved	=	1.4	µg/L	EPA 200.8	0.089	0.2	WKL	
MO-VEN	2021/22-1	Wet	10/26/2021 9:30:00 AM	11/11/2021 6:44:00 PM	Chromium	Total	=	14	µg/L	EPA 200.8	0.089	0.2	WKL	
MO-VEN	2021/22-1	Wet	10/26/2021 9:30:00 AM	11/2/2021 4:21:00 PM	Chromium VI	n/a	=	0.78	µg/L	EPA 218.6	0.0079	0.02	WKL	
MO-VEN	2021/22-1	Wet	10/26/2021 9:30:00 AM	11/11/2021 6:41:00 PM	Copper	Dissolved	=	12	µg/L	EPA 200.8	0.23	0.5	WKL	
MO-VEN	2021/22-1	Wet	10/26/2021 9:30:00 AM	11/11/2021 6:44:00 PM	Copper	Total	=	230	µg/L	EPA 200.8	0.23	0.5	WKL	
MO-VEN	2021/22-1	Wet	10/26/2021 9:30:00 AM	11/11/2021 6:41:00 PM	Iron	Dissolved	=	130	µg/L	EPA 200.8	3.9	20	WKL	
MO-VEN	2021/22-1	Wet	10/26/2021 9:30:00 AM	11/11/2021 6:44:00 PM	Iron	Total	=	9800	µg/L	EPA 200.8	3.9	20	WKL	
MO-VEN	2021/22-1	Wet	10/26/2021 9:30:00 AM	11/11/2021 6:41:00 PM	Lead	Dissolved	=	0.95	µg/L	EPA 200.8	0.083	0.2	WKL	
MO-VEN	2021/22-1	Wet	10/26/2021 9:30:00 AM	11/11/2021 6:44:00 PM	Lead	Total	=	25	µg/L	EPA 200.8	0.083	0.2	WKL	
MO-VEN	2021/22-1	Wet	10/26/2021 9:30:00 AM	11/5/2021 5:41:00 PM	Mercury	Dissolved	DNQ	18	ng/L	EPA 245.1	17	50	WKL	UL-MB
MO-VEN	2021/22-1	Wet	10/26/2021 9:30:00 AM	11/5/2021 5:43:00 PM	Mercury	Total	DNQ	39	ng/L	EPA 245.1	17	50	WKL	
MO-VEN	2021/22-1	Wet	10/26/2021 9:30:00 AM	11/11/2021 6:41:00 PM	Nickel	Dissolved	=	4.3	µg/L	EPA 200.8	0.16	2	WKL	
MO-VEN	2021/22-1	Wet	10/26/2021 9:30:00 AM	11/11/2021 6:44:00 PM	Nickel	Total	=	18	µg/L	EPA 200.8	0.16	2	WKL	
MO-VEN	2021/22-1	Wet	10/26/2021 9:30:00 AM	11/11/2021 6:41:00 PM	Selenium	Dissolved	=	0.65	µg/L	EPA 200.8	0.067	0.4	WKL	
MO-VEN	2021/22-1	Wet	10/26/2021 9:30:00 AM	11/11/2021 6:44:00 PM	Selenium	Total	=	1.5	µg/L	EPA 200.8	0.067	0.4	WKL	
MO-VEN	2021/22-1	Wet	10/26/2021 9:30:00 AM	11/11/2021 6:41:00 PM	Silver	Dissolved	<	0.03	µg/L	EPA 200.8	0.03	0.2	WKL	
MO-VEN	2021/22-1	Wet	10/26/2021 9:30:00 AM	11/11/2021 6:44:00 PM	Silver	Total	DNQ	0.096	µg/L	EPA 200.8	0.03	0.2	WKL	
MO-VEN	2021/22-1	Wet	10/26/2021 9:30:00 AM	11/11/2021 6:41:00 PM	Thallium	Dissolved	<	0.021	µg/L	EPA 200.8	0.021	0.2	WKL	
MO-VEN	2021/22-1	Wet	10/26/2021 9:30:00 AM	11/11/2021 6:44:00 PM	Thallium	Total	DNQ	0.087	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-VEN	2021/22-1	Wet	10/26/2021 9:30:00 AM	11/11/2021 6:41:00 PM	Zinc	Dissolved	=	52	µg/L	EPA 200.8	0.8	10	WKL	
MO-VEN	2021/22-1	Wet	10/26/2021 9:30:00 AM	11/11/2021 6:44:00 PM	Zinc	Total	=	480	µg/L	EPA 200.8	0.8	10	WKL	
MO-VEN	2021/22-1	Wet	10/26/2021 9:30:00 AM	10/27/2021 4:32:00 PM	Ammonia as N	n/a	=	0.46	mg/L	EPA 350.1	0.047	0.1	WKL	
MO-VEN	2021/22-1	Wet	10/26/2021 9:30:00 AM	10/28/2021 4:50:00 PM	Nitrate + Nitrite as N	n/a	=	0.55	mg/L	EPA 353.2	0.036	0.2	WKL	
MO-VEN	2021/22-1	Wet	10/26/2021 9:30:00 AM	11/17/2021 6:21:00 PM	Phosphorus as P	Dissolved	=	0.45	mg/L	EPA 200.7	0.018	0.05	WKL	
MO-VEN	2021/22-1	Wet	10/26/2021 9:30:00 AM	11/17/2021 6:23:00 PM	Phosphorus as P	Total	=	1.3	mg/L	EPA 200.7	0.018	0.05	WKL	
MO-VEN	2021/22-1	Wet	10/26/2021 9:30:00 AM	11/9/2021 3:15:00 PM	TKN	n/a	=	4.9	mg/L	EPA 351.2	0.13	0.2	WKL	
MO-VEN	2021/22-1	Wet	10/26/2021 9:30:00 AM	11/22/2021 10:00:00 PM	1,2,4-Trichlorobenzene	n/a	<	0.98	µg/L	EPA 625.1	0.98	2	WKL	
MO-VEN	2021/22-1	Wet	10/26/2021 9:30:00 AM	11/22/2021 10:00:00 PM	1,2-Dichlorobenzene	n/a	<	0.92	µg/L	EPA 625.1	0.92	2	WKL	
MO-VEN	2021/22-1	Wet	10/26/2021 9:30:00 AM	11/22/2021 10:00:00 PM	1,2-Diphenylhydrazine	n/a	<	0.6	µg/L	EPA 625.1	0.6	2	WKL	
MO-VEN	2021/22-1	Wet	10/26/2021 9:30:00 AM	11/22/2021 10:00:00 PM	1,3-Dichlorobenzene	n/a	<	0.84	µg/L	EPA 625.1	0.84	2	WKL	
MO-VEN	2021/22-1	Wet	10/26/2021 9:30:00 AM	11/22/2021 10:00:00 PM	1,4-Dichlorobenzene	n/a	<	0.96	µg/L	EPA 625.1	0.96	2	WKL	
MO-VEN	2021/22-1	Wet	10/26/2021 9:30:00 AM	11/17/2021 9:39:00 AM	1-Methylnaphthalene	n/a	<	0.048	µg/L	EPA 8270C	0.048	0.2	WKL	
MO-VEN	2021/22-1	Wet	10/26/2021 9:30:00 AM	11/19/2021 10:29:00 AM	2,4,5-Trichlorophenol	n/a	<	0.58	µg/L	EPA 8270C	0.58	2	WKL	
MO-VEN	2021/22-1	Wet	10/26/2021 9:30:00 AM	11/22/2021 10:00:00 PM	2,4,6-Trichlorophenol	n/a	<	0.44	µg/L	EPA 625.1	0.44	2	WKL	
MO-VEN	2021/22-1	Wet	10/26/2021 9:30:00 AM	11/19/2021 10:29:00 PM	2,4,6-Trichlorophenol	n/a	<	0.6	µg/L	EPA 8270C	0.6	2	WKL	
MO-VEN	2021/22-1	Wet	10/26/2021 9:30:00 AM	11/22/2021 10:00:00 PM	2,4-Dichlorophenol	n/a	<	0.52	µg/L	EPA 625.1	0.52	2	WKL	
MO-VEN	2021/22-1	Wet	10/26/2021 9:30:00 AM	11/19/2021 10:29:00 PM	2,4-Dichlorophenol	n/a	<	1	µg/L	EPA 8270C	1	2	WKL	
MO-VEN	2021/22-1	Wet	10/26/2021 9:30:00 AM	11/22/2021 10:00:00 PM	2,4-Dimethylphenol	n/a	<	1.5	µg/L	EPA 625.1	1.5	2	WKL	
MO-VEN	2021/22-1	Wet	10/26/2021 9:30:00 AM	11/19/2021 10:29:00 PM	2,4-Dimethylphenol	n/a	<	2	µg/L	EPA 8270C	2	4	WKL	
MO-VEN	2021/22-1	Wet	10/26/2021 9:30:00 AM	11/19/2021 10:29:00 PM	2,4-Dinitrophenol	n/a	<	2	µg/L	EPA 8270C	2	4	WKL	
MO-VEN	2021/22-1	Wet	10/26/2021 9:30:00 AM	11/22/2021 10:00:00 PM	2,4-Dinitrophenol	n/a	<	3.7	µg/L	EPA 625.1	3.7	20	WKL	
MO-VEN	2021/22-1	Wet	10/26/2021 9:30:00 AM	11/22/2021 10:00:00 PM	2,4-Dinitrotoluene	n/a	<	0.92	µg/L	EPA 625.1	0.92	2	WKL	
MO-VEN	2021/22-1	Wet	10/26/2021 9:30:00 AM	11/22/2021 10:00:00 PM	2,6-Dinitrotoluene	n/a	<	0.54	µg/L	EPA 625.1	0.54	2	WKL	
MO-VEN	2021/22-1	Wet	10/26/2021 9:30:00 AM	11/22/2021 10:00:00 PM	2-Chloronaphthalene	n/a	<	0.9	µg/L	EPA 625.1	0.9	2	WKL	
MO-VEN	2021/22-1	Wet	10/26/2021 9:30:00 AM	11/22/2021 10:00:00 PM	2-Chlorophenol	n/a	<	0.56	µg/L	EPA 625.1	0.56	2	WKL	
MO-VEN	2021/22-1	Wet	10/26/2021 9:30:00 AM	11/19/2021 10:29:00 PM	2-Chlorophenol	n/a	<	1.3	µg/L	EPA 8270C	1.3	2	WKL	
MO-VEN	2021/22-1	Wet	10/26/2021 9:30:00 AM	11/17/2021 9:39:00 AM	2-Methylnaphthalene	n/a	<	0.052	µg/L	EPA 8270C	0.052	0.2	WKL	
MO-VEN	2021/22-1	Wet	10/26/2021 9:30:00 AM	11/19/2021 10:29:00 PM	2-Methylphenol	n/a	<	0.68	µg/L	EPA 8270C	0.68	2	WKL	
MO-VEN	2021/22-1	Wet	10/26/2021 9:30:00 AM	11/19/2021 10:29:00 PM	2-Nitrophenol	n/a	<	1.4	µg/L	EPA 8270C	1.4	2	WKL	
MO-VEN	2021/22-1	Wet	10/26/2021 9:30:00 AM	11/22/2021 10:00:00 PM	2-Nitrophenol	n/a	<	0.52	µg/L	EPA 625.1	0.52	2	WKL	
MO-VEN	2021/22-1	Wet	10/26/2021 9:30:00 AM	11/22/2021 10:00:00 PM	3,3'-Dichlorobenzidine	n/a	<	5	µg/L	EPA 625.1	5	10	WKL	
MO-VEN	2021/22-1	Wet	10/26/2021 9:30:00 AM	11/19/2021 10:29:00 PM	3-/4-Methylphenol	n/a	<	0.6	µg/L	EPA 8270C	0.6	2	WKL	
MO-VEN	2021/22-1	Wet	10/26/2021 9:30:00 AM	11/22/2021 10:00:00 PM	4,6-Dinitro-2-methylphenol	n/a	<	1	µg/L	EPA 625.1	1	10	WKL	
MO-VEN	2021/22-1	Wet	10/26/2021 9:30:00 AM	11/19/2021 10:29:00 PM	4,6-Dinitro-2-methylphenol	n/a	<	0.28	µg/L	EPA 8270C	0.28	2	WKL	
MO-VEN	2021/22-1	Wet	10/26/2021 9:30:00 AM	11/22/2021 10:00:00 PM	4-Bromophenyl phenyl ether	n/a	<	0.72	µg/L	EPA 625.1	0.72	2	WKL	
MO-VEN	2021/22-1	Wet	10/26/2021 9:30:00 AM	11/19/2021 10:29:00 PM	4-Chloro-3-methylphenol	n/a	<	0.74	µg/L	EPA 8270C	0.74	2	WKL	
MO-VEN	2021/22-1	Wet	10/26/2021 9:30:00 AM	11/22/2021 10:00:00 PM	4-Chloro-3-methylphenol	n/a	<	0.46	µg/L	EPA 625.1	0.46	2	WKL	
MO-VEN	2021/22-1	Wet	10/26/2021 9:30:00 AM	11/22/2021 10:00:00 PM	4-Chlorophenyl phenyl ether	n/a	<	0.82	µg/L	EPA 625.1	0.82	2	WKL	
MO-VEN	2021/22-1	Wet	10/26/2021 9:30:00 AM	11/22/2021 10:00:00 PM	4-Nitrophenol	n/a	<	2.5	µg/L	EPA 625.1	2.5	10	WKL	
MO-VEN	2021/22-1	Wet	10/26/2021 9:30:00 AM	11/19/2021 10:29:00 PM	4-Nitrophenol	n/a	<	2	µg/L	EPA 8270C	2	4	WKL	
MO-VEN	2021/22-1	Wet	10/26/2021 9:30:00 AM	11/22/2021 10:00:00 PM	Acenaphthene	n/a	<	0.76	µg/L	EPA 625.1	0.76	2	WKL	
MO-VEN	2021/22-1	Wet	10/26/2021 9:30:00 AM	11/17/2021 9:39:00 AM	Acenaphthene	n/a	<	0.056	µg/L	EPA 8270C	0.056	0.2	WKL	
MO-VEN	2021/22-1	Wet	10/26/2021 9:30:00 AM	11/22/2021 10:00:00 PM	Acenaphthylene	n/a	<	0.7	µg/L	EPA 625.1	0.7	2	WKL	
MO-VEN	2021/22-1	Wet	10/26/2021 9:30:00 AM	11/17/2021 9:39:00 AM	Acenaphthylene	n/a	<	0.066	µg/L	EPA 8270C	0.066	0.2	WKL	
MO-VEN	2021/22-1	Wet	10/26/2021 9:30:00 AM	11/22/2021 10:00:00 PM	Anthracene	n/a	<	0.82	µg/L	EPA 625.1	0.82	2	WKL	
MO-VEN	2021/22-1	Wet	10/26/2021 9:30:00 AM	11/17/2021 9:39:00 AM	Anthracene	n/a	<	0.05	µg/L	EPA 8270C	0.05	0.2	WKL	
MO-VEN	2021/22-1	Wet	10/26/2021 9:30:00 AM	11/22/2021 10:00:00 PM	Benz(a)anthracene	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-VEN	2021/22-1	Wet	10/26/2021 9:30:00 AM	11/17/2021 9:39:00 AM	Benzo(a)anthracene	n/a	DNQ	0.11	µg/L	EPA 8270C	0.1	0.2	WKL	
MO-VEN	2021/22-1	Wet	10/26/2021 9:30:00 AM	11/22/2021 10:00:00 PM	Benzenidine	n/a	<	6.4	µg/L	EPA 625.1	6.4	20	WKL	
MO-VEN	2021/22-1	Wet	10/26/2021 9:30:00 AM	11/22/2021 10:00:00 PM	Benzo(a)pyrene	n/a	<	0.78	µg/L	EPA 625.1	0.78	2	WKL	
MO-VEN	2021/22-1	Wet	10/26/2021 9:30:00 AM	11/17/2021 9:39:00 AM	Benzo(a)pyrene	n/a	DNQ	0.12	µg/L	EPA 8270C	0.1	0.2	WKL	
MO-VEN	2021/22-1	Wet	10/26/2021 9:30:00 AM	11/9/2021 9:20:00 PM	Benzo(a)pyrene	n/a	<	0.1	µg/L	EPA 525.2	0.1	0.5	WKL	
MO-VEN	2021/22-1	Wet	10/26/2021 9:30:00 AM	11/22/2021 10:00:00 PM	Benzo(b)fluoranthene	n/a	<	0.92	µg/L	EPA 625.1	0.92	2	WKL	
MO-VEN	2021/22-1	Wet	10/26/2021 9:30:00 AM	11/17/2021 9:39:00 AM	Benzo(b)fluoranthene	n/a	DNQ	0.16	µg/L	EPA 8270C	0.15	0.2	WKL	
MO-VEN	2021/22-1	Wet	10/26/2021 9:30:00 AM	11/22/2021 10:00:00 PM	Benzo(g,h,i)perylene	n/a	<	0.84	µg/L	EPA 625.1	0.84	4	WKL	
MO-VEN	2021/22-1	Wet	10/26/2021 9:30:00 AM	11/17/2021 9:39:00 AM	Benzo(g,h,i)perylene	n/a	DNQ	0.11	µg/L	EPA 8270C	0.1	0.2	WKL	
MO-VEN	2021/22-1	Wet	10/26/2021 9:30:00 AM	11/22/2021 10:00:00 PM	Benzo(k)fluoranthene	n/a	<	0.44	µg/L	EPA 625.1	0.44	2	WKL	
MO-VEN	2021/22-1	Wet	10/26/2021 9:30:00 AM	11/17/2021 9:39:00 AM	Benzo(k)fluoranthene	n/a	DNQ	0.076	µg/L	EPA 8270C	0.052	0.2	WKL	
MO-VEN	2021/22-1	Wet	10/26/2021 9:30:00 AM	11/22/2021 10:00:00 PM	Bis(2-chloroethoxy)methane	n/a	<	0.5	µg/L	EPA 625.1	0.5	2	WKL	
MO-VEN	2021/22-1	Wet	10/26/2021 9:30:00 AM	11/22/2021 10:00:00 PM	Bis(2-chloroethyl)ether	n/a	<	0.54	µg/L	EPA 625.1	0.54	2	WKL	
MO-VEN	2021/22-1	Wet	10/26/2021 9:30:00 AM	11/22/2021 10:00:00 PM	Bis(2-chloroisopropyl)ether	n/a	<	0.76	µg/L	EPA 625.1	0.76	2	WKL	
MO-VEN	2021/22-1	Wet	10/26/2021 9:30:00 AM	11/9/2021 9:20:00 PM	Bis(2-ethylhexyl)adipate	n/a	<	2.1	µg/L	EPA 525.2	2.1	25	WKL	
MO-VEN	2021/22-1	Wet	10/26/2021 9:30:00 AM	11/9/2021 9:20:00 PM	Bis(2-ethylhexyl)phthalate	n/a	<	2	µg/L	EPA 525.2	2	15	WKL	
MO-VEN	2021/22-1	Wet	10/26/2021 9:30:00 AM	11/22/2021 10:00:00 PM	Bis(2-ethylhexyl)phthalate	n/a	DNQ	6.3	µg/L	EPA 625.1	4.6	10	WKL	UL-MB
MO-VEN	2021/22-1	Wet	10/26/2021 9:30:00 AM	11/22/2021 10:00:00 PM	Butyl benzyl phthalate	n/a	DNQ	1.1	µg/L	EPA 625.1	0.98	2	WKL	
MO-VEN	2021/22-1	Wet	10/26/2021 9:30:00 AM	11/22/2021 10:00:00 PM	Chrysene	n/a	<	0.38	µg/L	EPA 625.1	0.38	2	WKL	
MO-VEN	2021/22-1	Wet	10/26/2021 9:30:00 AM	11/17/2021 9:39:00 AM	Chrysene	n/a	<	0.15	µg/L	EPA 8270C	0.15	0.2	WKL	
MO-VEN	2021/22-1	Wet	10/26/2021 9:30:00 AM	11/22/2021 10:00:00 PM	Dibenz(a,h)anthracene	n/a	<	0.3	µg/L	EPA 625.1	0.3	4	WKL	
MO-VEN	2021/22-1	Wet	10/26/2021 9:30:00 AM	11/17/2021 9:39:00 AM	Dibenz(a,h)anthracene	n/a	DNQ	0.081	µg/L	EPA 8270C	0.072	0.2	WKL	
MO-VEN	2021/22-1	Wet	10/26/2021 9:30:00 AM	11/22/2021 10:00:00 PM	Diethyl phthalate	n/a	<	0.7	µg/L	EPA 625.1	0.7	2	WKL	
MO-VEN	2021/22-1	Wet	10/26/2021 9:30:00 AM	11/22/2021 10:00:00 PM	Dimethyl phthalate	n/a	<	0.36	µg/L	EPA 625.1	0.36	2	WKL	
MO-VEN	2021/22-1	Wet	10/26/2021 9:30:00 AM	11/22/2021 10:00:00 PM	Di-n-butylphthalate	n/a	DNQ	0.68	µg/L	EPA 625.1	0.68	2	WKL	
MO-VEN	2021/22-1	Wet	10/26/2021 9:30:00 AM	11/22/2021 10:00:00 PM	Di-n-octylphthalate	n/a	<	0.92	µg/L	EPA 625.1	0.92	2	WKL	
MO-VEN	2021/22-1	Wet	10/26/2021 9:30:00 AM	11/22/2021 10:00:00 PM	Fluoranthene	n/a	<	0.69	µg/L	EPA 625.1	0.69	2	WKL	
MO-VEN	2021/22-1	Wet	10/26/2021 9:30:00 AM	11/17/2021 9:39:00 AM	Fluoranthene	n/a	DNQ	0.13	µg/L	EPA 8270C	0.078	0.2	WKL	
MO-VEN	2021/22-1	Wet	10/26/2021 9:30:00 AM	11/22/2021 10:00:00 PM	Fluorene	n/a	<	0.7	µg/L	EPA 625.1	0.7	2	WKL	
MO-VEN	2021/22-1	Wet	10/26/2021 9:30:00 AM	11/17/2021 9:39:00 AM	Fluorene	n/a	<	0.058	µg/L	EPA 8270C	0.058	0.2	WKL	
MO-VEN	2021/22-1	Wet	10/26/2021 9:30:00 AM	11/22/2021 10:00:00 PM	Hexachlorobenzene	n/a	<	0.98	µg/L	EPA 625.1	0.98	2	WKL	
MO-VEN	2021/22-1	Wet	10/26/2021 9:30:00 AM	11/22/2021 10:00:00 PM	Hexachlorobutadiene	n/a	<	0.94	µg/L	EPA 625.1	0.94	2	WKL	
MO-VEN	2021/22-1	Wet	10/26/2021 9:30:00 AM	11/9/2021 9:20:00 PM	Hexachlorocyclopentadiene	n/a	<	0.46	µg/L	EPA 525.2	0.46	5	WKL	
MO-VEN	2021/22-1	Wet	10/26/2021 9:30:00 AM	11/22/2021 10:00:00 PM	Hexachlorocyclopentadiene	n/a	<	0.62	µg/L	EPA 625.1	0.62	10	WKL	
MO-VEN	2021/22-1	Wet	10/26/2021 9:30:00 AM	11/22/2021 10:00:00 PM	Hexachloroethane	n/a	<	1	µg/L	EPA 625.1	1	2	WKL	
MO-VEN	2021/22-1	Wet	10/26/2021 9:30:00 AM	11/22/2021 10:00:00 PM	Indeno(1,2,3-cd)pyrene	n/a	<	0.49	µg/L	EPA 625.1	0.49	4	WKL	
MO-VEN	2021/22-1	Wet	10/26/2021 9:30:00 AM	11/17/2021 9:39:00 AM	Indeno(1,2,3-cd)pyrene	n/a	DNQ	0.15	µg/L	EPA 8270C	0.13	0.2	WKL	
MO-VEN	2021/22-1	Wet	10/26/2021 9:30:00 AM	11/22/2021 10:00:00 PM	Isophorone	n/a	<	0.42	µg/L	EPA 625.1	0.42	2	WKL	
MO-VEN	2021/22-1	Wet	10/26/2021 9:30:00 AM	11/22/2021 10:00:00 PM	Naphthalene	n/a	<	0.98	µg/L	EPA 625.1	0.98	2	WKL	
MO-VEN	2021/22-1	Wet	10/26/2021 9:30:00 AM	11/17/2021 9:39:00 AM	Naphthalene	n/a	<	0.052	µg/L	EPA 8270C	0.052	0.2	WKL	
MO-VEN	2021/22-1	Wet	10/26/2021 9:30:00 AM	11/22/2021 10:00:00 PM	Nitrobenzene	n/a	<	0.72	µg/L	EPA 625.1	0.72	2	WKL	
MO-VEN	2021/22-1	Wet	10/26/2021 9:30:00 AM	11/22/2021 10:00:00 PM	N-Nitrosodimethylamine	n/a	<	1	µg/L	EPA 625.1	1	2	WKL	
MO-VEN	2021/22-1	Wet	10/26/2021 9:30:00 AM	11/22/2021 10:00:00 PM	N-Nitrosodi-N-propylamine	n/a	<	0.52	µg/L	EPA 625.1	0.52	2	WKL	
MO-VEN	2021/22-1	Wet	10/26/2021 9:30:00 AM	11/22/2021 10:00:00 PM	N-Nitrosodiphenylamine	n/a	<	0.38	µg/L	EPA 625.1	0.38	2	WKL	
MO-VEN	2021/22-1	Wet	10/26/2021 9:30:00 AM	11/22/2021 10:00:00 PM	Phenanthrene	n/a	<	0.64	µg/L	EPA 625.1	0.64	2	WKL	
MO-VEN	2021/22-1	Wet	10/26/2021 9:30:00 AM	11/17/2021 9:39:00 AM	Phenanthrene	n/a	DNQ	0.063	µg/L	EPA 8270C	0.058	0.2	WKL	
MO-VEN	2021/22-1	Wet	10/26/2021 9:30:00 AM	11/22/2021 10:00:00 PM	Phenol	n/a	<	1.6	µg/L	EPA 625.1	1.6	2	WKL	
MO-VEN	2021/22-1	Wet	10/26/2021 9:30:00 AM	11/19/2021 10:29:00 PM	Phenol	n/a	<	0.7	µg/L	EPA 8270C	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-VEN	2021/22-1	Wet	10/26/2021 9:30:00 AM	11/22/2021 10:00:00 PM	Pyrene	n/a	<	0.5	µg/L	EPA 625.1	0.5	2	WKL	
MO-VEN	2021/22-1	Wet	10/26/2021 9:30:00 AM	11/17/2021 9:39:00 AM	Pyrene	n/a	DNQ	0.13	µg/L	EPA 8270C	0.08	0.2	WKL	
MO-VEN	2021/22-1	Wet	10/26/2021 9:30:00 AM	12/10/2021 9:49:00 PM	PCB Aroclor 1016	n/a	<	5	µg/L	EPA 608.3	5	5	WKL	
MO-VEN	2021/22-1	Wet	10/26/2021 9:30:00 AM	12/10/2021 9:49:00 PM	PCB Aroclor 1221	n/a	<	5	µg/L	EPA 608.3	5	5	WKL	
MO-VEN	2021/22-1	Wet	10/26/2021 9:30:00 AM	12/10/2021 9:49:00 PM	PCB Aroclor 1232	n/a	<	5	µg/L	EPA 608.3	5	5	WKL	
MO-VEN	2021/22-1	Wet	10/26/2021 9:30:00 AM	12/10/2021 9:49:00 PM	PCB Aroclor 1242	n/a	<	5	µg/L	EPA 608.3	5	5	WKL	
MO-VEN	2021/22-1	Wet	10/26/2021 9:30:00 AM	12/10/2021 9:49:00 PM	PCB Aroclor 1248	n/a	<	5	µg/L	EPA 608.3	5	5	WKL	
MO-VEN	2021/22-1	Wet	10/26/2021 9:30:00 AM	12/10/2021 9:49:00 PM	PCB Aroclor 1254	n/a	<	5	µg/L	EPA 608.3	5	5	WKL	
MO-VEN	2021/22-1	Wet	10/26/2021 9:30:00 AM	12/10/2021 9:49:00 PM	PCB Aroclor 1260	n/a	<	5	µg/L	EPA 608.3	5	5	WKL	
MO-VEN	2021/22-1	Wet	10/26/2021 9:30:00 AM	11/8/2021 1:17:00 AM	2,4,5-T	n/a	<	0.03	µg/L	EPA 515.4	0.03	0.2	WKL	
MO-VEN	2021/22-1	Wet	10/26/2021 9:30:00 AM	11/8/2021 1:17:00 AM	2,4,5-TP	n/a	<	0.026	µg/L	EPA 515.4	0.026	0.2	WKL	
MO-VEN	2021/22-1	Wet	10/26/2021 9:30:00 AM	11/8/2021 1:17:00 AM	2,4-D	n/a	<	0.14	µg/L	EPA 515.4	0.14	0.4	WKL	
MO-VEN	2021/22-1	Wet	10/26/2021 9:30:00 AM	11/8/2021 1:17:00 AM	2,4-DB	n/a	<	4	µg/L	EPA 515.4	4	4	WKL	
MO-VEN	2021/22-1	Wet	10/26/2021 9:30:00 AM	11/8/2021 1:17:00 AM	3,5-Dichlorobenzoic acid	n/a	<	0.12	µg/L	EPA 515.4	0.12	1	WKL	
MO-VEN	2021/22-1	Wet	10/26/2021 9:30:00 AM	12/10/2021 9:49:00 PM	4,4'-DDD	n/a	<	0.0035	µg/L	EPA 608.3	0.0035	0.25	WKL	
MO-VEN	2021/22-1	Wet	10/26/2021 9:30:00 AM	12/10/2021 9:49:00 PM	4,4'-DDE	n/a	DNQ	0.043	µg/L	EPA 608.3	0.0035	0.25	WKL	
MO-VEN	2021/22-1	Wet	10/26/2021 9:30:00 AM	12/10/2021 9:49:00 PM	4,4'-DDT	n/a	<	0.25	µg/L	EPA 608.3	0.25	0.25	WKL	
MO-VEN	2021/22-1	Wet	10/26/2021 9:30:00 AM	11/8/2021 1:17:00 AM	Acifluorfen	n/a	<	0.4	µg/L	EPA 515.4	0.4	0.4	WKL	
MO-VEN	2021/22-1	Wet	10/26/2021 9:30:00 AM	11/9/2021 9:20:00 PM	Alachlor	n/a	<	0.15	µg/L	EPA 525.2	0.15	0.5	WKL	
MO-VEN	2021/22-1	Wet	10/26/2021 9:30:00 AM	12/10/2021 9:49:00 PM	Aldrin	n/a	<	0.005	µg/L	EPA 608.3	0.005	0.025	WKL	
MO-VEN	2021/22-1	Wet	10/26/2021 9:30:00 AM	12/10/2021 9:49:00 PM	alpha-BHC	n/a	<	0.0055	µg/L	EPA 608.3	0.0055	0.05	WKL	
MO-VEN	2021/22-1	Wet	10/26/2021 9:30:00 AM	11/9/2021 9:20:00 PM	Atrazine	n/a	<	0.054	µg/L	EPA 525.2	0.054	0.5	WKL	
MO-VEN	2021/22-1	Wet	10/26/2021 9:30:00 AM	11/5/2021 11:24:00 PM	Azinphos methyl	n/a	<	0.028	µg/L	EPA 625.1m	0.028	0.05	WKL	
MO-VEN	2021/22-1	Wet	10/26/2021 9:30:00 AM	11/8/2021 1:17:00 AM	Bentazon	n/a	<	4	µg/L	EPA 515.4	4	4	WKL	
MO-VEN	2021/22-1	Wet	10/26/2021 9:30:00 AM	12/10/2021 9:49:00 PM	beta-BHC	n/a	<	0.0075	µg/L	EPA 608.3	0.0075	0.025	WKL	
MO-VEN	2021/22-1	Wet	10/26/2021 9:30:00 AM	11/5/2021 11:24:00 PM	Bolstar	n/a	<	0.023	µg/L	EPA 625.1m	0.023	0.05	WKL	
MO-VEN	2021/22-1	Wet	10/26/2021 9:30:00 AM	11/9/2021 9:20:00 PM	Bromacil	n/a	<	0.35	µg/L	EPA 525.2	0.35	2.5	WKL	
MO-VEN	2021/22-1	Wet	10/26/2021 9:30:00 AM	11/9/2021 9:20:00 PM	Butachlor	n/a	<	0.061	µg/L	EPA 525.2	0.061	0.5	WKL	
MO-VEN	2021/22-1	Wet	10/26/2021 9:30:00 AM	11/9/2021 9:20:00 PM	Captan	n/a	<	1.6	µg/L	EPA 525.2	1.6	5	WKL	
MO-VEN	2021/22-1	Wet	10/26/2021 9:30:00 AM	12/10/2021 9:49:00 PM	Chlordane (technical)	n/a	<	0.22	µg/L	EPA 608.3	0.22	0.5	WKL	
MO-VEN	2021/22-1	Wet	10/26/2021 9:30:00 AM	11/9/2021 9:20:00 PM	Chlorpropham	n/a	<	0.2	µg/L	EPA 525.2	0.2	0.5	WKL	
MO-VEN	2021/22-1	Wet	10/26/2021 9:30:00 AM	11/5/2021 11:24:00 PM	Chlorpyrifos	n/a	<	0.034	µg/L	EPA 625.1m	0.034	0.05	WKL	
MO-VEN	2021/22-1	Wet	10/26/2021 9:30:00 AM	11/5/2021 11:24:00 PM	Coumaphos	n/a	<	0.026	µg/L	EPA 625.1m	0.026	0.05	WKL	
MO-VEN	2021/22-1	Wet	10/26/2021 9:30:00 AM	11/8/2021 1:17:00 AM	Dalapon	n/a	<	0.11	µg/L	EPA 515.4	0.11	0.4	WKL	
MO-VEN	2021/22-1	Wet	10/26/2021 9:30:00 AM	11/8/2021 1:17:00 AM	DCPA (Dacthal)	n/a	<	0.029	µg/L	EPA 515.4	0.029	0.1	WKL	
MO-VEN	2021/22-1	Wet	10/26/2021 9:30:00 AM	12/10/2021 9:49:00 PM	delta-BHC	n/a	<	0.0095	µg/L	EPA 608.3	0.0095	0.025	WKL	
MO-VEN	2021/22-1	Wet	10/26/2021 9:30:00 AM	11/5/2021 11:24:00 PM	Demeton-O	n/a	<	0.05	µg/L	EPA 625.1m	0.05	0.05	WKL	
MO-VEN	2021/22-1	Wet	10/26/2021 9:30:00 AM	11/5/2021 11:24:00 PM	Demeton-S	n/a	<	0.05	µg/L	EPA 625.1m	0.05	0.05	WKL	
MO-VEN	2021/22-1	Wet	10/26/2021 9:30:00 AM	11/9/2021 9:20:00 PM	Diazinon	n/a	<	0.11	µg/L	EPA 525.2	0.11	0.5	WKL	
MO-VEN	2021/22-1	Wet	10/26/2021 9:30:00 AM	11/5/2021 11:24:00 PM	Diazinon	n/a	<	0.026	µg/L	EPA 625.1m	0.026	0.05	WKL	
MO-VEN	2021/22-1	Wet	10/26/2021 9:30:00 AM	11/8/2021 1:17:00 AM	Dicamba	n/a	<	0.049	µg/L	EPA 515.4	0.049	0.6	WKL	
MO-VEN	2021/22-1	Wet	10/26/2021 9:30:00 AM	11/8/2021 1:17:00 AM	Dichlorprop	n/a	<	0.12	µg/L	EPA 515.4	0.12	0.3	WKL	
MO-VEN	2021/22-1	Wet	10/26/2021 9:30:00 AM	11/5/2021 11:24:00 PM	Dichlorvos	n/a	<	0.014	µg/L	EPA 625.1m	0.014	0.05	WKL	
MO-VEN	2021/22-1	Wet	10/26/2021 9:30:00 AM	12/10/2021 9:49:00 PM	Dieldrin	n/a	<	0.004	µg/L	EPA 608.3	0.004	0.05	WKL	
MO-VEN	2021/22-1	Wet	10/26/2021 9:30:00 AM	11/9/2021 9:20:00 PM	Dimethoate	n/a	<	0.1	µg/L	EPA 525.2	0.1	1	WKL	
MO-VEN	2021/22-1	Wet	10/26/2021 9:30:00 AM	11/5/2021 11:24:00 PM	Dimethoate	n/a	<	0.031	µg/L	EPA 625.1m	0.031	0.05	WKL	
MO-VEN	2021/22-1	Wet	10/26/2021 9:30:00 AM	11/8/2021 1:17:00 AM	Dinoseb	n/a	<	0.4	µg/L	EPA 515.4	0.4	0.4	WKL	
MO-VEN	2021/22-1	Wet	10/26/2021 9:30:00 AM	11/9/2021 9:20:00 PM	Diphenamid	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-VEN	2021/22-1	Wet	10/26/2021 9:30:00 AM	11/9/2021 9:20:00 PM	Disulfoton	n/a	<	0.077	µg/L	EPA 525.2	0.077	0.5	WKL	
MO-VEN	2021/22-1	Wet	10/26/2021 9:30:00 AM	11/5/2021 11:24:00 PM	Disulfoton	n/a	<	0.05	µg/L	EPA 625.1m	0.05	0.05	WKL	
MO-VEN	2021/22-1	Wet	10/26/2021 9:30:00 AM	12/10/2021 9:49:00 PM	Endosulfan I	n/a	<	0.0045	µg/L	EPA 608.3	0.0045	0.1	WKL	
MO-VEN	2021/22-1	Wet	10/26/2021 9:30:00 AM	12/10/2021 9:49:00 PM	Endosulfan II	n/a	<	0.0035	µg/L	EPA 608.3	0.0035	0.05	WKL	
MO-VEN	2021/22-1	Wet	10/26/2021 9:30:00 AM	12/10/2021 9:49:00 PM	Endosulfan sulfate	n/a	<	0.0065	µg/L	EPA 608.3	0.0065	0.25	WKL	
MO-VEN	2021/22-1	Wet	10/26/2021 9:30:00 AM	12/10/2021 9:49:00 PM	Endrin	n/a	<	0.0085	µg/L	EPA 608.3	0.0085	0.05	WKL	
MO-VEN	2021/22-1	Wet	10/26/2021 9:30:00 AM	12/10/2021 9:49:00 PM	Endrin aldehyde	n/a	<	0.0095	µg/L	EPA 608.3	0.0095	0.05	WKL	
MO-VEN	2021/22-1	Wet	10/26/2021 9:30:00 AM	11/9/2021 9:20:00 PM	EPTC	n/a	<	0.1	µg/L	EPA 525.2	0.1	0.5	WKL	
MO-VEN	2021/22-1	Wet	10/26/2021 9:30:00 AM	11/5/2021 11:24:00 PM	Ethoprop	n/a	<	0.034	µg/L	EPA 625.1m	0.034	0.05	WKL	
MO-VEN	2021/22-1	Wet	10/26/2021 9:30:00 AM	11/5/2021 11:24:00 PM	Ethyl parathion	n/a	<	0.027	µg/L	EPA 625.1m	0.027	0.05	WKL	
MO-VEN	2021/22-1	Wet	10/26/2021 9:30:00 AM	11/5/2021 11:24:00 PM	Fensulfothion	n/a	<	0.014	µg/L	EPA 625.1m	0.014	0.05	WKL	
MO-VEN	2021/22-1	Wet	10/26/2021 9:30:00 AM	11/5/2021 11:24:00 PM	Fenthion	n/a	<	0.019	µg/L	EPA 625.1m	0.019	0.05	WKL	
MO-VEN	2021/22-1	Wet	10/26/2021 9:30:00 AM	12/10/2021 9:49:00 PM	gamma-BHC (Lindane)	n/a	<	0.002	µg/L	EPA 608.3	0.002	0.1	WKL	
MO-VEN	2021/22-1	Wet	10/26/2021 9:30:00 AM	11/7/2021 9:45:00 PM	Glyphosate	n/a	=	33	µg/L	EPA 547	2.1	25	BSKL	
MO-VEN	2021/22-1	Wet	10/26/2021 9:30:00 AM	12/10/2021 9:49:00 PM	Heptachlor	n/a	<	0.003	µg/L	EPA 608.3	0.003	0.05	WKL	
MO-VEN	2021/22-1	Wet	10/26/2021 9:30:00 AM	12/10/2021 9:49:00 PM	Heptachlor epoxide	n/a	<	0.002	µg/L	EPA 608.3	0.002	0.05	WKL	
MO-VEN	2021/22-1	Wet	10/26/2021 9:30:00 AM	11/5/2021 11:24:00 PM	Malathion	n/a	=	0.091	µg/L	EPA 625.1m	0.038	0.05	WKL	
MO-VEN	2021/22-1	Wet	10/26/2021 9:30:00 AM	11/5/2021 11:24:00 PM	Merphos	n/a	<	0.029	µg/L	EPA 625.1m	0.029	0.05	WKL	
MO-VEN	2021/22-1	Wet	10/26/2021 9:30:00 AM	11/5/2021 11:24:00 PM	Methyl parathion	n/a	<	0.032	µg/L	EPA 625.1m	0.032	0.05	WKL	
MO-VEN	2021/22-1	Wet	10/26/2021 9:30:00 AM	11/9/2021 9:20:00 PM	Metolachlor	n/a	<	0.15	µg/L	EPA 525.2	0.15	0.5	WKL	
MO-VEN	2021/22-1	Wet	10/26/2021 9:30:00 AM	11/9/2021 9:20:00 PM	Metribuzin	n/a	<	0.15	µg/L	EPA 525.2	0.15	0.5	WKL	
MO-VEN	2021/22-1	Wet	10/26/2021 9:30:00 AM	11/5/2021 11:24:00 PM	Mevinphos	n/a	<	0.021	µg/L	EPA 625.1m	0.021	0.05	WKL	
MO-VEN	2021/22-1	Wet	10/26/2021 9:30:00 AM	11/9/2021 9:20:00 PM	Molinate	n/a	<	0.15	µg/L	EPA 525.2	0.15	0.5	WKL	
MO-VEN	2021/22-1	Wet	10/26/2021 9:30:00 AM	11/5/2021 11:24:00 PM	Naled	n/a	<	0.038	µg/L	EPA 625.1m	0.038	0.05	WKL	
MO-VEN	2021/22-1	Wet	10/26/2021 9:30:00 AM	11/19/2021 10:29:00 PM	Pentachlorophenol	n/a	<	0.3	µg/L	EPA 8270C	0.3	2	WKL	
MO-VEN	2021/22-1	Wet	10/26/2021 9:30:00 AM	11/8/2021 1:17:00 AM	Pentachlorophenol	n/a	=	0.29	µg/L	EPA 515.4	0.046	0.2	WKL	
MO-VEN	2021/22-1	Wet	10/26/2021 9:30:00 AM	11/22/2021 10:00:00 PM	Pentachlorophenol	n/a	<	0.8	µg/L	EPA 625.1	0.8	2	WKL	
MO-VEN	2021/22-1	Wet	10/26/2021 9:30:00 AM	11/5/2021 11:24:00 PM	Phorate	n/a	<	0.015	µg/L	EPA 625.1m	0.015	0.05	WKL	
MO-VEN	2021/22-1	Wet	10/26/2021 9:30:00 AM	11/8/2021 1:17:00 AM	Picloram	n/a	<	0.05	µg/L	EPA 515.4	0.05	0.6	WKL	
MO-VEN	2021/22-1	Wet	10/26/2021 9:30:00 AM	11/9/2021 9:20:00 AM	Prometryn	n/a	<	0.15	µg/L	EPA 525.2	0.15	0.5	WKL	
MO-VEN	2021/22-1	Wet	10/26/2021 9:30:00 AM	11/5/2021 11:24:00 PM	Ronnel (Fenchlorphos)	n/a	<	0.02	µg/L	EPA 625.1m	0.02	0.05	WKL	
MO-VEN	2021/22-1	Wet	10/26/2021 9:30:00 AM	11/9/2021 9:20:00 PM	Simazine	n/a	<	0.1	µg/L	EPA 525.2	0.1	0.5	WKL	
MO-VEN	2021/22-1	Wet	10/26/2021 9:30:00 AM	11/5/2021 11:24:00 PM	Stirophos (Tetrachlorvinphos)	n/a	<	0.016	µg/L	EPA 625.1m	0.016	0.05	WKL	
MO-VEN	2021/22-1	Wet	10/26/2021 9:30:00 AM	11/9/2021 9:20:00 PM	Terbacil	n/a	<	0.45	µg/L	EPA 525.2	0.45	10	WKL	
MO-VEN	2021/22-1	Wet	10/26/2021 9:30:00 AM	11/9/2021 9:20:00 PM	Thiobencarb	n/a	<	0.15	µg/L	EPA 525.2	0.15	0.5	WKL	
MO-VEN	2021/22-1	Wet	10/26/2021 9:30:00 AM	11/5/2021 11:24:00 PM	Tokuthion	n/a	<	0.039	µg/L	EPA 625.1m	0.039	0.05	WKL	
MO-VEN	2021/22-1	Wet	10/26/2021 9:30:00 AM	12/10/2021 9:49:00 PM	Toxaphene	n/a	<	5	µg/L	EPA 608.3	5	5	WKL	
MO-VEN	2021/22-1	Wet	10/26/2021 9:30:00 AM	11/5/2021 11:24:00 PM	Trichloronate	n/a	<	0.034	µg/L	EPA 625.1m	0.034	0.05	WKL	
MO-VEN	2021/22-1	Wet	10/26/2021 9:30:00 AM	11/9/2021 9:20:00 PM	Trithion	n/a	<	0.1	µg/L	EPA 525.2	0.1	0.5	WKL	
MO-VEN	2021/22-2	Wet	12/14/2021 1:15:00 AM	12/15/2021 2:50:00 AM	E. Coli	n/a	=	19863	MPN/100 mL	MMO-MUG	10	10	VCHCA	
MO-VEN	2021/22-2	Wet	12/14/2021 1:15:00 AM	12/15/2021 2:50:00 AM	Total Coliform	n/a	=	173290	MPN/100 mL	MMO-MUG	100	100	VCHCA	
MO-VEN	2021/22-2	Wet	12/14/2021 1:15:00 AM	12/14/2021 1:15:00 AM	Conductivity	n/a	=	90.8	µmhos/cm	Field Meter	-88	1	Field Crew	
MO-VEN	2021/22-2	Wet	12/14/2021 1:15:00 AM	12/22/2021 2:50:00 PM	Cyanide	Total	<	0.0012	mg/L	ASTM D7511	0.0012	0.002	WKL	
MO-VEN	2021/22-2	Wet	12/14/2021 1:15:00 AM	12/14/2021 1:15:00 AM	DO	n/a	=	9.48	mg/L	Field Meter	-88	0.3	Field Crew	
MO-VEN	2021/22-2	Wet	12/14/2021 1:15:00 AM	12/14/2021 1:15:00 AM	DO	n/a	=	90	%	Field Meter	-88	0.1	Field Crew	
MO-VEN	2021/22-2	Wet	12/14/2021 1:15:00 AM	12/14/2021 1:15:00 AM	pH	n/a	=	7.61	pH Units	Field Meter	-88	0.01	Field Crew	
MO-VEN	2021/22-2	Wet	12/14/2021 1:15:00 AM	12/14/2021 1:15:00 AM	Salinity	n/a	=	100	mg/L	Field Meter	-88	100	Field Crew	
MO-VEN	2021/22-2	Wet	12/14/2021 1:15:00 AM	12/14/2021 1:15:00 AM	Specific Conductance	n/a	=	118	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-VEN	2021/22-2	Wet	12/14/2021 1:15:00 AM	12/14/2021 1:15:00 AM	Temperature	n/a	=	12.9	°C	Field Meter	-88	0.1	Field Crew	
MO-VEN	2021/22-2	Wet	12/14/2021 1:15:00 AM	12/21/2021 11:40:00 AM	Gasoline Range Organics	n/a	DNQ	0.089	mg/L	EPA 8260B	0.065	0.1	WKL	
MO-VEN	2021/22-2	Wet	12/14/2021 1:15:00 AM	12/21/2021 4:20:00 PM	Oil and Grease	n/a	DNQ	2.3	mg/L	EPA 1664B	1.3	5	WKL	
MO-VEN	2021/22-2	Wet	12/14/2021 1:15:00 AM	12/16/2021 8:20:00 PM	2-Chloroethyl vinyl ether	n/a	<	0.95	µg/L	EPA 624.1	0.95	5	WKL	DG
MO-VEN	2021/22-2	Wet	12/14/2021 1:15:00 AM	12/16/2021 8:20:00 PM	Methyl tert-butyl ether (MTBE)	n/a	<	2	µg/L	EPA 624.1	2	5	WKL	DG
MO-VEN	2021/22-2	Wet	12/14/2021 4:25:00 PM	12/16/2021 4:29:00 PM	Chloride	n/a	=	7.3	mg/L	EPA 300.0	0.38	1	WKL	
MO-VEN	2021/22-2	Wet	12/14/2021 4:25:00 PM	12/18/2021 2:30:00 AM	Fluoride	n/a	DNQ	0.1	mg/L	EPA 300.0	0.018	0.2	WKL	
MO-VEN	2021/22-2	Wet	12/14/2021 4:25:00 PM	12/19/2021 12:40:00 AM	Perchlorate	n/a	<	0.78	µg/L	EPA 314.0	0.78	4	WKL	
MO-VEN	2021/22-2	Wet	12/14/2021 4:25:00 PM	12/28/2021 2:30:00 PM	Calcium	Total	=	14.3	mg/L	EPA 200.7	0.16	0.5	WKL	
MO-VEN	2021/22-2	Wet	12/14/2021 4:25:00 PM	12/28/2021 2:30:00 PM	Magnesium	Total	=	4.94	mg/L	EPA 200.7	0.039	0.5	WKL	
MO-VEN	2021/22-2	Wet	12/14/2021 4:25:00 PM	12/20/2021 10:28:00 AM	Alkalinity as CaCO3	n/a	=	21	mg/L	SM 2320 B	2.3	5	WKL	
MO-VEN	2021/22-2	Wet	12/14/2021 4:25:00 PM	12/21/2021 1:58:00 PM	BOD	n/a	=	7	mg/L	SM 5210 B	2	2	WKL	
MO-VEN	2021/22-2	Wet	12/14/2021 4:25:00 PM	1/2/2022 11:30:00 AM	COD	n/a	=	78	mg/L	EPA 410.4	2.9	5	WKL	
MO-VEN	2021/22-2	Wet	12/14/2021 4:25:00 PM	12/28/2021 2:30:00 PM	Hardness as CaCO3	Total	=	56.2	mg/L	EPA 200.7	0.56	3.31	WKL	
MO-VEN	2021/22-2	Wet	12/14/2021 4:25:00 PM	12/15/2021 7:27:00 PM	MBAS	n/a	=	0.062	mg/L	SM 5540 C	0.013	0.05	WKL	
MO-VEN	2021/22-2	Wet	12/14/2021 4:25:00 PM	1/2/2022 11:51:00 AM	Phenolics	n/a	=	0.017	mg/L	EPA 420.4	0.0068	0.01	WKL	
MO-VEN	2021/22-2	Wet	12/14/2021 4:25:00 PM	12/16/2021 1:55:00 PM	Specific Conductance	n/a	=	130	µmhos/cm	SM 2510 B	1.1	2	WKL	
MO-VEN	2021/22-2	Wet	12/14/2021 4:25:00 PM	12/21/2021 12:36:00 PM	Total Dissolved Solids	n/a	=	81	mg/L	SM 2540 C	4	10	WKL	
MO-VEN	2021/22-2	Wet	12/14/2021 4:25:00 PM	12/24/2021 3:53:00 AM	Total Organic Carbon	n/a	=	10	mg/L	SM 5310 B	0.19	0.3	WKL	
MO-VEN	2021/22-2	Wet	12/14/2021 4:25:00 PM	12/20/2021 7:00:00 PM	Total Suspended Solids	n/a	=	340	mg/L	SM 2540 D	-88	5	WKL	
MO-VEN	2021/22-2	Wet	12/14/2021 4:25:00 PM	12/15/2021 5:41:00 PM	Turbidity	n/a	=	50	NTU	EPA 180.1	1.7	10	WKL	
MO-VEN	2021/22-2	Wet	12/14/2021 4:25:00 PM	12/20/2021 7:00:00 PM	Volatile Suspended Solids	n/a	=	48	mg/L	EPA 160.4	3.1	5	WKL	
MO-VEN	2021/22-2	Wet	12/14/2021 4:25:00 PM	12/29/2021 8:15:00 PM	Diesel Range Organics	n/a	=	0.52	mg/L	EPA 8015B	0.14	0.2	WKL	EST-LCSRPD
MO-VEN	2021/22-2	Wet	12/14/2021 4:25:00 PM	12/29/2021 8:15:00 PM	Oil Range Organics	n/a	<	0.66	mg/L	EPA 8015B	0.66	1	WKL	
MO-VEN	2021/22-2	Wet	12/14/2021 4:25:00 PM	1/4/2022 6:27:00 PM	Aluminum	Dissolved	=	26	µg/L	EPA 200.8	4.4	20	WKL	
MO-VEN	2021/22-2	Wet	12/14/2021 4:25:00 PM	1/4/2022 6:30:00 PM	Aluminum	Total	=	4900	µg/L	EPA 200.8	4.4	20	WKL	
MO-VEN	2021/22-2	Wet	12/14/2021 4:25:00 PM	1/4/2022 6:27:00 PM	Antimony	Dissolved	=	0.61	µg/L	EPA 200.8	0.089	0.5	WKL	
MO-VEN	2021/22-2	Wet	12/14/2021 4:25:00 PM	1/4/2022 6:30:00 PM	Antimony	Total	=	1.4	µg/L	EPA 200.8	0.089	0.5	WKL	
MO-VEN	2021/22-2	Wet	12/14/2021 4:25:00 PM	1/4/2022 6:27:00 PM	Arsenic	Dissolved	=	1.1	µg/L	EPA 200.8	0.074	0.4	WKL	
MO-VEN	2021/22-2	Wet	12/14/2021 4:25:00 PM	1/4/2022 6:30:00 PM	Arsenic	Total	=	3.7	µg/L	EPA 200.8	0.074	0.4	WKL	
MO-VEN	2021/22-2	Wet	12/14/2021 4:25:00 PM	1/4/2022 6:30:00 PM	Barium	Total	=	72	µg/L	EPA 200.8	0.14	1	WKL	
MO-VEN	2021/22-2	Wet	12/14/2021 4:25:00 PM	1/4/2022 6:27:00 PM	Beryllium	Dissolved	<	0.062	µg/L	EPA 200.8	0.062	0.1	WKL	
MO-VEN	2021/22-2	Wet	12/14/2021 4:25:00 PM	1/4/2022 6:30:00 PM	Beryllium	Total	=	0.18	µg/L	EPA 200.8	0.062	0.1	WKL	
MO-VEN	2021/22-2	Wet	12/14/2021 4:25:00 PM	1/4/2022 6:27:00 PM	Cadmium	Dissolved	DNQ	0.054	µg/L	EPA 200.8	0.042	0.2	WKL	
MO-VEN	2021/22-2	Wet	12/14/2021 4:25:00 PM	1/4/2022 6:30:00 PM	Cadmium	Total	=	0.38	µg/L	EPA 200.8	0.042	0.2	WKL	
MO-VEN	2021/22-2	Wet	12/14/2021 4:25:00 PM	1/4/2022 6:27:00 PM	Chromium	Dissolved	=	0.65	µg/L	EPA 200.8	0.089	0.2	WKL	
MO-VEN	2021/22-2	Wet	12/14/2021 4:25:00 PM	1/4/2022 6:30:00 PM	Chromium	Total	=	11	µg/L	EPA 200.8	0.089	0.2	WKL	
MO-VEN	2021/22-2	Wet	12/14/2021 4:25:00 PM	12/20/2021 2:52:00 PM	Chromium VI	n/a	=	0.5	µg/L	EPA 218.6	0.0079	0.02	WKL	
MO-VEN	2021/22-2	Wet	12/14/2021 4:25:00 PM	1/4/2022 6:27:00 PM	Copper	Dissolved	=	12	µg/L	EPA 200.8	0.23	0.5	WKL	
MO-VEN	2021/22-2	Wet	12/14/2021 4:25:00 PM	1/4/2022 6:30:00 PM	Copper	Total	=	67	µg/L	EPA 200.8	0.23	0.5	WKL	
MO-VEN	2021/22-2	Wet	12/14/2021 4:25:00 PM	1/4/2022 6:27:00 PM	Iron	Dissolved	=	64	µg/L	EPA 200.8	3.9	20	WKL	
MO-VEN	2021/22-2	Wet	12/14/2021 4:25:00 PM	1/4/2022 6:30:00 PM	Iron	Total	=	7900	µg/L	EPA 200.8	3.9	20	WKL	
MO-VEN	2021/22-2	Wet	12/14/2021 4:25:00 PM	1/4/2022 6:27:00 PM	Lead	Dissolved	=	0.36	µg/L	EPA 200.8	0.083	0.2	WKL	
MO-VEN	2021/22-2	Wet	12/14/2021 4:25:00 PM	1/4/2022 6:30:00 PM	Lead	Total	=	18	µg/L	EPA 200.8	0.083	0.2	WKL	
MO-VEN	2021/22-2	Wet	12/14/2021 4:25:00 PM	12/28/2021 3:43:00 PM	Mercury	Dissolved	<	17	ng/L	EPA 245.1	17	50	WKL	
MO-VEN	2021/22-2	Wet	12/14/2021 4:25:00 PM	12/28/2021 3:45:00 PM	Mercury	Total	<	17	ng/L	EPA 245.1	17	50	WKL	
MO-VEN	2021/22-2	Wet	12/14/2021 4:25:00 PM	1/4/2022 6:27:00 PM	Nickel	Dissolved	DNQ	1.8	µg/L	EPA 200.8	0.16	2	WKL	
MO-VEN	2021/22-2	Wet	12/14/2021 4:25:00 PM	1/4/2022 6:30:00 PM	Nickel	Total	=	12	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-VEN	2021/22-2	Wet	12/14/2021 4:25:00 PM	1/4/2022 6:27:00 PM	Selenium	Dissolved	DNQ	0.33	µg/L	EPA 200.8	0.067	0.4	WKL	
MO-VEN	2021/22-2	Wet	12/14/2021 4:25:00 PM	1/4/2022 6:30:00 PM	Selenium	Total	=	0.61	µg/L	EPA 200.8	0.067	0.4	WKL	
MO-VEN	2021/22-2	Wet	12/14/2021 4:25:00 PM	1/4/2022 6:27:00 PM	Silver	Dissolved	<	0.03	µg/L	EPA 200.8	0.03	0.2	WKL	
MO-VEN	2021/22-2	Wet	12/14/2021 4:25:00 PM	1/4/2022 6:30:00 PM	Silver	Total	DNQ	0.056	µg/L	EPA 200.8	0.03	0.2	WKL	
MO-VEN	2021/22-2	Wet	12/14/2021 4:25:00 PM	1/4/2022 6:27:00 PM	Thallium	Dissolved	<	0.021	µg/L	EPA 200.8	0.021	0.2	WKL	
MO-VEN	2021/22-2	Wet	12/14/2021 4:25:00 PM	1/4/2022 6:30:00 PM	Thallium	Total	DNQ	0.068	µg/L	EPA 200.8	0.021	0.2	WKL	
MO-VEN	2021/22-2	Wet	12/14/2021 4:25:00 PM	1/4/2022 6:27:00 PM	Zinc	Dissolved	=	37	µg/L	EPA 200.8	0.8	10	WKL	
MO-VEN	2021/22-2	Wet	12/14/2021 4:25:00 PM	1/4/2022 6:30:00 PM	Zinc	Total	=	200	µg/L	EPA 200.8	0.8	10	WKL	
MO-VEN	2021/22-2	Wet	12/14/2021 4:25:00 PM	12/29/2021 3:41:00 PM	Ammonia as N	n/a	=	0.26	mg/L	EPA 350.1	0.017	0.1	WKL	
MO-VEN	2021/22-2	Wet	12/14/2021 4:25:00 PM	1/10/2022 4:51:00 PM	Nitrate + Nitrite as N	n/a	=	0.66	mg/L	EPA 353.2	0.036	0.2	WKL	
MO-VEN	2021/22-2	Wet	12/14/2021 4:25:00 PM	12/28/2021 2:27:00 PM	Phosphorus as P	Dissolved	=	0.27	mg/L	EPA 200.7	0.018	0.05	WKL	
MO-VEN	2021/22-2	Wet	12/14/2021 4:25:00 PM	12/28/2021 2:30:00 PM	Phosphorus as P	Total	=	0.72	mg/L	EPA 200.7	0.018	0.05	WKL	
MO-VEN	2021/22-2	Wet	12/14/2021 4:25:00 PM	1/6/2022 5:50:00 PM	TKN	n/a	=	1.8	mg/L	EPA 351.2	0.26	0.4	WKL	
MO-VEN	2021/22-2	Wet	12/14/2021 4:25:00 PM	1/18/2022 11:48:00 PM	1,2,4-Trichlorobenzene	n/a	<	0.98	µg/L	EPA 625.1	0.98	2	WKL	
MO-VEN	2021/22-2	Wet	12/14/2021 4:25:00 PM	1/18/2022 11:48:00 PM	1,2-Dichlorobenzene	n/a	<	0.92	µg/L	EPA 625.1	0.92	2	WKL	
MO-VEN	2021/22-2	Wet	12/14/2021 4:25:00 PM	1/18/2022 11:48:00 PM	1,2-Diphenylhydrazine	n/a	<	0.6	µg/L	EPA 625.1	0.6	2	WKL	
MO-VEN	2021/22-2	Wet	12/14/2021 4:25:00 PM	1/18/2022 11:48:00 PM	1,3-Dichlorobenzene	n/a	<	0.84	µg/L	EPA 625.1	0.84	2	WKL	
MO-VEN	2021/22-2	Wet	12/14/2021 4:25:00 PM	1/18/2022 11:48:00 PM	1,4-Dichlorobenzene	n/a	<	0.96	µg/L	EPA 625.1	0.96	2	WKL	
MO-VEN	2021/22-2	Wet	12/14/2021 4:25:00 PM	1/15/2022 11:36:00 AM	1-Methylnaphthalene	n/a	<	0.048	µg/L	EPA 8270C	0.048	0.2	WKL	
MO-VEN	2021/22-2	Wet	12/14/2021 4:25:00 PM	1/14/2022 5:37:00 AM	2,4,5-Trichlorophenol	n/a	<	0.58	µg/L	EPA 8270C	0.58	2	WKL	
MO-VEN	2021/22-2	Wet	12/14/2021 4:25:00 PM	1/18/2022 11:48:00 PM	2,4,6-Trichlorophenol	n/a	<	0.44	µg/L	EPA 625.1	0.44	2	WKL	
MO-VEN	2021/22-2	Wet	12/14/2021 4:25:00 PM	1/14/2022 5:37:00 AM	2,4,6-Trichlorophenol	n/a	<	0.6	µg/L	EPA 8270C	0.6	2	WKL	
MO-VEN	2021/22-2	Wet	12/14/2021 4:25:00 PM	1/18/2022 11:48:00 PM	2,4-Dichlorophenol	n/a	<	0.52	µg/L	EPA 625.1	0.52	2	WKL	
MO-VEN	2021/22-2	Wet	12/14/2021 4:25:00 PM	1/14/2022 5:37:00 AM	2,4-Dichlorophenol	n/a	<	1	µg/L	EPA 8270C	1	2	WKL	
MO-VEN	2021/22-2	Wet	12/14/2021 4:25:00 PM	1/18/2022 11:48:00 PM	2,4-Dimethylphenol	n/a	<	1.5	µg/L	EPA 625.1	1.5	2	WKL	LCSRPD, LB-L
MO-VEN	2021/22-2	Wet	12/14/2021 4:25:00 PM	1/14/2022 5:37:00 AM	2,4-Dimethylphenol	n/a	<	2	µg/L	EPA 8270C	2	4	WKL	EST-LCSRPD
MO-VEN	2021/22-2	Wet	12/14/2021 4:25:00 PM	1/14/2022 5:37:00 AM	2,4-Dinitrophenol	n/a	<	2	µg/L	EPA 8270C	2	4	WKL	
MO-VEN	2021/22-2	Wet	12/14/2021 4:25:00 PM	1/18/2022 11:48:00 PM	2,4-Dinitrophenol	n/a	<	3.7	µg/L	EPA 625.1	3.7	20	WKL	
MO-VEN	2021/22-2	Wet	12/14/2021 4:25:00 PM	1/18/2022 11:48:00 PM	2,4-Dinitrotoluene	n/a	<	0.92	µg/L	EPA 625.1	0.92	2	WKL	
MO-VEN	2021/22-2	Wet	12/14/2021 4:25:00 PM	1/18/2022 11:48:00 PM	2,6-Dinitrotoluene	n/a	<	0.54	µg/L	EPA 625.1	0.54	2	WKL	
MO-VEN	2021/22-2	Wet	12/14/2021 4:25:00 PM	1/18/2022 11:48:00 PM	2-Chloronaphthalene	n/a	<	0.9	µg/L	EPA 625.1	0.9	2	WKL	
MO-VEN	2021/22-2	Wet	12/14/2021 4:25:00 PM	1/18/2022 11:48:00 PM	2-Chlorophenol	n/a	<	0.56	µg/L	EPA 625.1	0.56	2	WKL	
MO-VEN	2021/22-2	Wet	12/14/2021 4:25:00 PM	1/14/2022 5:37:00 AM	2-Chlorophenol	n/a	<	1.3	µg/L	EPA 8270C	1.3	2	WKL	
MO-VEN	2021/22-2	Wet	12/14/2021 4:25:00 PM	1/15/2022 11:36:00 AM	2-Methylnaphthalene	n/a	<	0.052	µg/L	EPA 8270C	0.052	0.2	WKL	
MO-VEN	2021/22-2	Wet	12/14/2021 4:25:00 PM	1/14/2022 5:37:00 AM	2-Methylphenol	n/a	<	0.68	µg/L	EPA 8270C	0.68	2	WKL	
MO-VEN	2021/22-2	Wet	12/14/2021 4:25:00 PM	1/18/2022 11:48:00 PM	2-Nitrophenol	n/a	<	0.52	µg/L	EPA 625.1	0.52	2	WKL	
MO-VEN	2021/22-2	Wet	12/14/2021 4:25:00 PM	1/14/2022 5:37:00 AM	2-Nitrophenol	n/a	<	1.4	µg/L	EPA 8270C	1.4	2	WKL	
MO-VEN	2021/22-2	Wet	12/14/2021 4:25:00 PM	1/18/2022 11:48:00 PM	3,3'-Dichlorobenzidine	n/a	<	5	µg/L	EPA 625.1	5	10	WKL	
MO-VEN	2021/22-2	Wet	12/14/2021 4:25:00 PM	1/14/2022 5:37:00 AM	3-/4-Methylphenol	n/a	<	0.6	µg/L	EPA 8270C	0.6	2	WKL	
MO-VEN	2021/22-2	Wet	12/14/2021 4:25:00 PM	1/18/2022 11:48:00 PM	4,6-Dinitro-2-methylphenol	n/a	<	1	µg/L	EPA 625.1	1	10	WKL	
MO-VEN	2021/22-2	Wet	12/14/2021 4:25:00 PM	1/14/2022 5:37:00 AM	4,6-Dinitro-2-methylphenol	n/a	DNQ	0.88	µg/L	EPA 8270C	0.28	2	WKL	
MO-VEN	2021/22-2	Wet	12/14/2021 4:25:00 PM	1/18/2022 11:48:00 PM	4-Bromophenyl phenyl ether	n/a	<	0.72	µg/L	EPA 625.1	0.72	2	WKL	
MO-VEN	2021/22-2	Wet	12/14/2021 4:25:00 PM	1/18/2022 11:48:00 PM	4-Chloro-3-methylphenol	n/a	<	0.46	µg/L	EPA 625.1	0.46	2	WKL	
MO-VEN	2021/22-2	Wet	12/14/2021 4:25:00 PM	1/14/2022 5:37:00 AM	4-Chloro-3-methylphenol	n/a	<	0.74	µg/L	EPA 8270C	0.74	2	WKL	
MO-VEN	2021/22-2	Wet	12/14/2021 4:25:00 PM	1/18/2022 11:48:00 PM	4-Chlorophenyl phenyl ether	n/a	<	0.82	µg/L	EPA 625.1	0.82	2	WKL	
MO-VEN	2021/22-2	Wet	12/14/2021 4:25:00 PM	1/18/2022 11:48:00 PM	4-Nitrophenol	n/a	<	2.5	µg/L	EPA 625.1	2.5	10	WKL	
MO-VEN	2021/22-2	Wet	12/14/2021 4:25:00 PM	1/14/2022 5:37:00 AM	4-Nitrophenol	n/a	<	2	µg/L	EPA 8270C	2	4	WKL	
MO-VEN	2021/22-2	Wet	12/14/2021 4:25:00 PM	1/18/2022 11:48:00 PM	Acenaphthene	n/a	<	0.76	µg/L	EPA 625.1	0.76	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	2021/22-2	Wet	12/14/2021 4:25:00 PM	1/15/2022 11:36:00 AM	Acenaphthene	n/a	<	0.056	µg/L	EPA 8270C	0.056	0.2	WKL	
MO-VEN	2021/22-2	Wet	12/14/2021 4:25:00 PM	1/18/2022 11:48:00 PM	Acenaphthylene	n/a	<	0.7	µg/L	EPA 625.1	0.7	2	WKL	
MO-VEN	2021/22-2	Wet	12/14/2021 4:25:00 PM	1/15/2022 11:36:00 AM	Acenaphthylene	n/a	<	0.066	µg/L	EPA 8270C	0.066	0.2	WKL	
MO-VEN	2021/22-2	Wet	12/14/2021 4:25:00 PM	1/18/2022 11:48:00 PM	Anthracene	n/a	<	0.82	µg/L	EPA 625.1	0.82	2	WKL	
MO-VEN	2021/22-2	Wet	12/14/2021 4:25:00 PM	1/15/2022 11:36:00 AM	Anthracene	n/a	<	0.05	µg/L	EPA 8270C	0.05	0.2	WKL	
MO-VEN	2021/22-2	Wet	12/14/2021 4:25:00 PM	1/15/2022 11:36:00 AM	Benz(a)anthracene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.2	WKL	
MO-VEN	2021/22-2	Wet	12/14/2021 4:25:00 PM	1/18/2022 11:48:00 PM	Benz(a)anthracene	n/a	<	0.38	µg/L	EPA 625.1	0.38	2	WKL	
MO-VEN	2021/22-2	Wet	12/14/2021 4:25:00 PM	1/18/2022 11:48:00 PM	Benzdine	n/a	<	6.4	µg/L	EPA 625.1	6.4	20	WKL	
MO-VEN	2021/22-2	Wet	12/14/2021 4:25:00 PM	12/23/2021 8:34:00 PM	Benzo(a)pyrene	n/a	<	0.2	µg/L	EPA 525.2	0.2	1	WKL	
MO-VEN	2021/22-2	Wet	12/14/2021 4:25:00 PM	1/18/2022 11:48:00 PM	Benzo(a)pyrene	n/a	<	0.78	µg/L	EPA 625.1	0.78	2	WKL	
MO-VEN	2021/22-2	Wet	12/14/2021 4:25:00 PM	1/15/2022 11:36:00 AM	Benzo(a)pyrene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.2	WKL	
MO-VEN	2021/22-2	Wet	12/14/2021 4:25:00 PM	1/18/2022 11:48:00 PM	Benzo(b)fluoranthene	n/a	<	0.92	µg/L	EPA 625.1	0.92	2	WKL	
MO-VEN	2021/22-2	Wet	12/14/2021 4:25:00 PM	1/15/2022 11:36:00 AM	Benzo(b)fluoranthene	n/a	<	0.15	µg/L	EPA 8270C	0.15	0.2	WKL	
MO-VEN	2021/22-2	Wet	12/14/2021 4:25:00 PM	1/18/2022 11:48:00 PM	Benzo(g,h,i)perylene	n/a	<	0.84	µg/L	EPA 625.1	0.84	4	WKL	
MO-VEN	2021/22-2	Wet	12/14/2021 4:25:00 PM	1/15/2022 11:36:00 AM	Benzo(g,h,i)perylene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.2	WKL	
MO-VEN	2021/22-2	Wet	12/14/2021 4:25:00 PM	1/15/2022 11:36:00 AM	Benzo(k)fluoranthene	n/a	<	0.052	µg/L	EPA 8270C	0.052	0.2	WKL	
MO-VEN	2021/22-2	Wet	12/14/2021 4:25:00 PM	1/18/2022 11:48:00 PM	Benzo(k)fluoranthene	n/a	<	0.44	µg/L	EPA 625.1	0.44	2	WKL	
MO-VEN	2021/22-2	Wet	12/14/2021 4:25:00 PM	1/18/2022 11:48:00 PM	Bis(2-chloroethoxy)methane	n/a	<	0.5	µg/L	EPA 625.1	0.5	2	WKL	
MO-VEN	2021/22-2	Wet	12/14/2021 4:25:00 PM	1/18/2022 11:48:00 PM	Bis(2-chloroethyl)ether	n/a	<	0.54	µg/L	EPA 625.1	0.54	2	WKL	
MO-VEN	2021/22-2	Wet	12/14/2021 4:25:00 PM	1/18/2022 11:48:00 PM	Bis(2-chloroisopropyl)ether	n/a	<	0.76	µg/L	EPA 625.1	0.76	2	WKL	
MO-VEN	2021/22-2	Wet	12/14/2021 4:25:00 PM	12/23/2021 8:34:00 PM	Bis(2-ethylhexyl)adipate	n/a	<	4.2	µg/L	EPA 525.2	4.2	50	WKL	
MO-VEN	2021/22-2	Wet	12/14/2021 4:25:00 PM	12/23/2021 8:34:00 PM	Bis(2-ethylhexyl)phthalate	n/a	<	4.1	µg/L	EPA 525.2	4.1	30	WKL	
MO-VEN	2021/22-2	Wet	12/14/2021 4:25:00 PM	1/18/2022 11:48:00 PM	Bis(2-ethylhexyl)phthalate	n/a	<	4.6	µg/L	EPA 625.1	4.6	10	WKL	
MO-VEN	2021/22-2	Wet	12/14/2021 4:25:00 PM	1/18/2022 11:48:00 PM	Butyl benzyl phthalate	n/a	<	0.98	µg/L	EPA 625.1	0.98	2	WKL	
MO-VEN	2021/22-2	Wet	12/14/2021 4:25:00 PM	1/15/2022 11:36:00 AM	Chrysene	n/a	<	0.15	µg/L	EPA 8270C	0.15	0.2	WKL	
MO-VEN	2021/22-2	Wet	12/14/2021 4:25:00 PM	1/18/2022 11:48:00 PM	Chrysene	n/a	<	0.38	µg/L	EPA 625.1	0.38	2	WKL	
MO-VEN	2021/22-2	Wet	12/14/2021 4:25:00 PM	1/18/2022 11:48:00 PM	Dibenz(a,h)anthracene	n/a	<	0.3	µg/L	EPA 625.1	0.3	4	WKL	
MO-VEN	2021/22-2	Wet	12/14/2021 4:25:00 PM	1/15/2022 11:36:00 AM	Dibenz(a,h)anthracene	n/a	<	0.072	µg/L	EPA 8270C	0.072	0.2	WKL	
MO-VEN	2021/22-2	Wet	12/14/2021 4:25:00 PM	1/18/2022 11:48:00 PM	Diethyl phthalate	n/a	<	0.7	µg/L	EPA 625.1	0.7	2	WKL	
MO-VEN	2021/22-2	Wet	12/14/2021 4:25:00 PM	1/18/2022 11:48:00 PM	Dimethyl phthalate	n/a	<	0.36	µg/L	EPA 625.1	0.36	2	WKL	
MO-VEN	2021/22-2	Wet	12/14/2021 4:25:00 PM	1/18/2022 11:48:00 PM	Di-n-butylphthalate	n/a	DNQ	0.84	µg/L	EPA 625.1	0.68	2	WKL	
MO-VEN	2021/22-2	Wet	12/14/2021 4:25:00 PM	1/18/2022 11:48:00 PM	Di-n-octylphthalate	n/a	<	0.92	µg/L	EPA 625.1	0.92	2	WKL	
MO-VEN	2021/22-2	Wet	12/14/2021 4:25:00 PM	1/18/2022 11:48:00 PM	Fluoranthene	n/a	<	0.69	µg/L	EPA 625.1	0.69	2	WKL	
MO-VEN	2021/22-2	Wet	12/14/2021 4:25:00 PM	1/15/2022 11:36:00 AM	Fluoranthene	n/a	DNQ	0.18	µg/L	EPA 8270C	0.078	0.2	WKL	
MO-VEN	2021/22-2	Wet	12/14/2021 4:25:00 PM	1/18/2022 11:48:00 PM	Fluorene	n/a	<	0.7	µg/L	EPA 625.1	0.7	2	WKL	
MO-VEN	2021/22-2	Wet	12/14/2021 4:25:00 PM	1/15/2022 11:36:00 AM	Fluorene	n/a	<	0.058	µg/L	EPA 8270C	0.058	0.2	WKL	
MO-VEN	2021/22-2	Wet	12/14/2021 4:25:00 PM	1/18/2022 11:48:00 PM	Hexachlorobenzene	n/a	<	0.98	µg/L	EPA 625.1	0.98	2	WKL	
MO-VEN	2021/22-2	Wet	12/14/2021 4:25:00 PM	1/18/2022 11:48:00 PM	Hexachlorobutadiene	n/a	<	0.94	µg/L	EPA 625.1	0.94	2	WKL	
MO-VEN	2021/22-2	Wet	12/14/2021 4:25:00 PM	12/23/2021 8:34:00 PM	Hexachlorocyclopentadiene	n/a	<	0.92	µg/L	EPA 525.2	0.92	10	WKL	
MO-VEN	2021/22-2	Wet	12/14/2021 4:25:00 PM	1/18/2022 11:48:00 PM	Hexachlorocyclopentadiene	n/a	<	0.62	µg/L	EPA 625.1	0.62	10	WKL	
MO-VEN	2021/22-2	Wet	12/14/2021 4:25:00 PM	1/18/2022 11:48:00 PM	Hexachloroethane	n/a	<	1	µg/L	EPA 625.1	1	2	WKL	
MO-VEN	2021/22-2	Wet	12/14/2021 4:25:00 PM	1/15/2022 11:36:00 AM	Indeno(1,2,3-cd)pyrene	n/a	<	0.13	µg/L	EPA 8270C	0.13	0.2	WKL	
MO-VEN	2021/22-2	Wet	12/14/2021 4:25:00 PM	1/18/2022 11:48:00 PM	Indeno(1,2,3-cd)pyrene	n/a	<	0.49	µg/L	EPA 625.1	0.49	4	WKL	
MO-VEN	2021/22-2	Wet	12/14/2021 4:25:00 PM	1/18/2022 11:48:00 PM	Isophorone	n/a	<	0.42	µg/L	EPA 625.1	0.42	2	WKL	
MO-VEN	2021/22-2	Wet	12/14/2021 4:25:00 PM	1/18/2022 11:48:00 PM	Naphthalene	n/a	<	0.98	µg/L	EPA 625.1	0.98	2	WKL	
MO-VEN	2021/22-2	Wet	12/14/2021 4:25:00 PM	1/15/2022 11:36:00 AM	Naphthalene	n/a	<	0.052	µg/L	EPA 8270C	0.052	0.2	WKL	
MO-VEN	2021/22-2	Wet	12/14/2021 4:25:00 PM	1/18/2022 11:48:00 PM	Nitrobenzene	n/a	<	0.72	µg/L	EPA 625.1	0.72	2	WKL	
MO-VEN	2021/22-2	Wet	12/14/2021 4:25:00 PM	1/18/2022 11:48:00 PM	N-Nitrosodimethylamine	n/a	<	1	µg/L	EPA 625.1	1	2	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-VEN	2021/22-2	Wet	12/14/2021 4:25:00 PM	1/18/2022 11:48:00 PM	N-Nitrosodi-N-propylamine	n/a	<	0.52	µg/L	EPA 625.1	0.52	2	WKL	
MO-VEN	2021/22-2	Wet	12/14/2021 4:25:00 PM	1/18/2022 11:48:00 PM	N-Nitrosodiphenylamine	n/a	<	0.38	µg/L	EPA 625.1	0.38	2	WKL	
MO-VEN	2021/22-2	Wet	12/14/2021 4:25:00 PM	1/18/2022 11:48:00 PM	Phenanthrene	n/a	<	0.64	µg/L	EPA 625.1	0.64	2	WKL	
MO-VEN	2021/22-2	Wet	12/14/2021 4:25:00 PM	1/15/2022 11:36:00 AM	Phenanthrene	n/a	DNQ	0.068	µg/L	EPA 8270C	0.058	0.2	WKL	
MO-VEN	2021/22-2	Wet	12/14/2021 4:25:00 PM	1/18/2022 11:48:00 PM	Phenol	n/a	<	1.6	µg/L	EPA 625.1	1.6	2	WKL	
MO-VEN	2021/22-2	Wet	12/14/2021 4:25:00 PM	1/14/2022 5:37:00 AM	Phenol	n/a	<	0.7	µg/L	EPA 8270C	0.7	2	WKL	
MO-VEN	2021/22-2	Wet	12/14/2021 4:25:00 PM	1/18/2022 11:48:00 PM	Pyrene	n/a	<	0.5	µg/L	EPA 625.1	0.5	2	WKL	
MO-VEN	2021/22-2	Wet	12/14/2021 4:25:00 PM	1/15/2022 11:36:00 AM	Pyrene	n/a	DNQ	0.18	µg/L	EPA 8270C	0.08	0.2	WKL	
MO-VEN	2021/22-2	Wet	12/14/2021 4:25:00 PM	1/13/2022 11:03:00 AM	PCB Aroclor 1016	n/a	<	0.5	µg/L	EPA 608.3	0.5	2.5	WKL	
MO-VEN	2021/22-2	Wet	12/14/2021 4:25:00 PM	1/13/2022 11:03:00 AM	PCB Aroclor 1221	n/a	<	0.5	µg/L	EPA 608.3	0.5	2.5	WKL	
MO-VEN	2021/22-2	Wet	12/14/2021 4:25:00 PM	1/13/2022 11:03:00 AM	PCB Aroclor 1232	n/a	<	0.5	µg/L	EPA 608.3	0.5	2.5	WKL	
MO-VEN	2021/22-2	Wet	12/14/2021 4:25:00 PM	1/13/2022 11:03:00 AM	PCB Aroclor 1242	n/a	<	0.5	µg/L	EPA 608.3	0.5	2.5	WKL	
MO-VEN	2021/22-2	Wet	12/14/2021 4:25:00 PM	1/13/2022 11:03:00 AM	PCB Aroclor 1248	n/a	<	0.5	µg/L	EPA 608.3	0.5	2.5	WKL	
MO-VEN	2021/22-2	Wet	12/14/2021 4:25:00 PM	1/13/2022 11:03:00 AM	PCB Aroclor 1254	n/a	<	0.5	µg/L	EPA 608.3	0.5	2.5	WKL	
MO-VEN	2021/22-2	Wet	12/14/2021 4:25:00 PM	1/13/2022 11:03:00 AM	PCB Aroclor 1260	n/a	<	0.5	µg/L	EPA 608.3	0.5	2.5	WKL	
MO-VEN	2021/22-2	Wet	12/14/2021 4:25:00 PM	1/6/2022 9:09:00 PM	2,4,5-T	n/a	<	0.03	µg/L	EPA 515.4	0.03	0.2	WKL	
MO-VEN	2021/22-2	Wet	12/14/2021 4:25:00 PM	1/6/2022 9:09:00 PM	2,4,5-TP	n/a	<	0.026	µg/L	EPA 515.4	0.026	0.2	WKL	
MO-VEN	2021/22-2	Wet	12/14/2021 4:25:00 PM	1/6/2022 9:09:00 PM	2,4-D	n/a	<	1	µg/L	EPA 515.4	1	1	WKL	
MO-VEN	2021/22-2	Wet	12/14/2021 4:25:00 PM	1/6/2022 9:09:00 PM	2,4-DB	n/a	<	0.19	µg/L	EPA 515.4	0.19	2	WKL	
MO-VEN	2021/22-2	Wet	12/14/2021 4:25:00 PM	1/6/2022 9:09:00 PM	3,5-Dichlorobenzoic acid	n/a	<	0.12	µg/L	EPA 515.4	0.12	1	WKL	
MO-VEN	2021/22-2	Wet	12/14/2021 4:25:00 PM	1/13/2022 11:03:00 AM	4,4'-DDD	n/a	DNQ	0.0046	µg/L	EPA 608.3	0.0035	0.25	WKL	
MO-VEN	2021/22-2	Wet	12/14/2021 4:25:00 PM	1/13/2022 11:03:00 AM	4,4'-DDE	n/a	DNQ	0.041	µg/L	EPA 608.3	0.0035	0.25	WKL	
MO-VEN	2021/22-2	Wet	12/14/2021 4:25:00 PM	1/13/2022 11:03:00 AM	4,4'-DDT	n/a	DNQ	0.029	µg/L	EPA 608.3	0.0055	0.05	WKL	
MO-VEN	2021/22-2	Wet	12/14/2021 4:25:00 PM	1/6/2022 9:09:00 PM	Acifluorfen	n/a	<	0.4	µg/L	EPA 515.4	0.4	0.4	WKL	
MO-VEN	2021/22-2	Wet	12/14/2021 4:25:00 PM	12/23/2021 8:34:00 PM	Alachlor	n/a	<	0.3	µg/L	EPA 525.2	0.3	1	WKL	
MO-VEN	2021/22-2	Wet	12/14/2021 4:25:00 PM	1/13/2022 11:03:00 AM	Aldrin	n/a	<	0.005	µg/L	EPA 608.3	0.005	0.025	WKL	
MO-VEN	2021/22-2	Wet	12/14/2021 4:25:00 PM	1/13/2022 11:03:00 AM	alpha-BHC	n/a	<	0.0055	µg/L	EPA 608.3	0.0055	0.05	WKL	
MO-VEN	2021/22-2	Wet	12/14/2021 4:25:00 PM	1/13/2022 11:03:00 AM	alpha-Chlordane	n/a	<	0.014	µg/L	EPA 608.3	0.014	0.05	WKL	
MO-VEN	2021/22-2	Wet	12/14/2021 4:25:00 PM	12/23/2021 8:34:00 PM	Atrazine	n/a	<	0.11	µg/L	EPA 525.2	0.11	1	WKL	
MO-VEN	2021/22-2	Wet	12/14/2021 4:25:00 PM	1/11/2022 3:56:00 AM	Azinphos methyl	n/a	<	0.0055	µg/L	EPA 625.1m	0.0055	0.01	WKL	
MO-VEN	2021/22-2	Wet	12/14/2021 4:25:00 PM	1/6/2022 9:09:00 PM	Bentazon	n/a	<	0.23	µg/L	EPA 515.4	0.23	2	WKL	
MO-VEN	2021/22-2	Wet	12/14/2021 4:25:00 PM	1/13/2022 11:03:00 AM	beta-BHC	n/a	<	0.0075	µg/L	EPA 608.3	0.0075	0.025	WKL	
MO-VEN	2021/22-2	Wet	12/14/2021 4:25:00 PM	1/11/2022 3:56:00 AM	Bolstar	n/a	<	0.0046	µg/L	EPA 625.1m	0.0046	0.01	WKL	
MO-VEN	2021/22-2	Wet	12/14/2021 4:25:00 PM	12/23/2021 8:34:00 PM	Bromacil	n/a	<	0.7	µg/L	EPA 525.2	0.7	5	WKL	
MO-VEN	2021/22-2	Wet	12/14/2021 4:25:00 PM	12/23/2021 8:34:00 PM	Butachlor	n/a	<	0.12	µg/L	EPA 525.2	0.12	1	WKL	
MO-VEN	2021/22-2	Wet	12/14/2021 4:25:00 PM	12/23/2021 8:34:00 PM	Captan	n/a	<	3.2	µg/L	EPA 525.2	3.2	10	WKL	
MO-VEN	2021/22-2	Wet	12/14/2021 4:25:00 PM	1/13/2022 11:03:00 AM	Chlordane (technical)	n/a	<	0.5	µg/L	EPA 608.3	0.5	0.5	WKL	
MO-VEN	2021/22-2	Wet	12/14/2021 4:25:00 PM	12/23/2021 8:34:00 PM	Chlorpropham	n/a	<	0.4	µg/L	EPA 525.2	0.4	1	WKL	
MO-VEN	2021/22-2	Wet	12/14/2021 4:25:00 PM	1/11/2022 3:56:00 AM	Chlorpyrifos	n/a	<	0.0069	µg/L	EPA 625.1m	0.0069	0.01	WKL	
MO-VEN	2021/22-2	Wet	12/14/2021 4:25:00 PM	1/11/2022 3:56:00 AM	Coumaphos	n/a	<	0.0051	µg/L	EPA 625.1m	0.0051	0.01	WKL	
MO-VEN	2021/22-2	Wet	12/14/2021 4:25:00 PM	1/6/2022 9:09:00 PM	Dalapon	n/a	<	0.4	µg/L	EPA 515.4	0.4	0.4	WKL	
MO-VEN	2021/22-2	Wet	12/14/2021 4:25:00 PM	1/6/2022 9:09:00 PM	DCPA (Dacthal)	n/a	<	0.029	µg/L	EPA 515.4	0.029	0.1	WKL	
MO-VEN	2021/22-2	Wet	12/14/2021 4:25:00 PM	1/13/2022 11:03:00 AM	delta-BHC	n/a	<	0.0095	µg/L	EPA 608.3	0.0095	0.025	WKL	EST-LCSRPD
MO-VEN	2021/22-2	Wet	12/14/2021 4:25:00 PM	1/11/2022 3:56:00 AM	Demeton-O	n/a	<	0.01	µg/L	EPA 625.1m	0.01	0.01	WKL	
MO-VEN	2021/22-2	Wet	12/14/2021 4:25:00 PM	1/11/2022 3:56:00 AM	Demeton-S	n/a	<	0.01	µg/L	EPA 625.1m	0.01	0.01	WKL	LB-LCSR
MO-VEN	2021/22-2	Wet	12/14/2021 4:25:00 PM	1/11/2022 3:56:00 AM	Diazinon	n/a	<	0.0052	µg/L	EPA 625.1m	0.0052	0.01	WKL	LB-LCSR
MO-VEN	2021/22-2	Wet	12/14/2021 4:25:00 PM	12/23/2021 8:34:00 PM	Diazinon	n/a	<	0.22	µg/L	EPA 525.2	0.22	1	WKL	
MO-VEN	2021/22-2	Wet	12/14/2021 4:25:00 PM	1/6/2022 9:09:00 PM	Dicamba	n/a	<	0.049	µg/L	EPA 515.4	0.049	0.6	WKL	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-VEN	2021/22-2	Wet	12/14/2021 4:25:00 PM	1/6/2022 9:09:00 PM	Dichlorprop	n/a	<	0.12	µg/L	EPA 515.4	0.12	0.3	WKL	
MO-VEN	2021/22-2	Wet	12/14/2021 4:25:00 PM	1/11/2022 3:56:00 AM	Dichlorvos	n/a	<	0.0029	µg/L	EPA 625.1m	0.0029	0.01	WKL	
MO-VEN	2021/22-2	Wet	12/14/2021 4:25:00 PM	1/13/2022 11:03:00 AM	Dieldrin	n/a	<	0.004	µg/L	EPA 608.3	0.004	0.05	WKL	
MO-VEN	2021/22-2	Wet	12/14/2021 4:25:00 PM	1/11/2022 3:56:00 AM	Dimethoate	n/a	<	0.0062	µg/L	EPA 625.1m	0.0062	0.01	WKL	
MO-VEN	2021/22-2	Wet	12/14/2021 4:25:00 PM	12/23/2021 8:34:00 PM	Dimethoate	n/a	<	0.2	µg/L	EPA 525.2	0.2	2	WKL	
MO-VEN	2021/22-2	Wet	12/14/2021 4:25:00 PM	1/6/2022 9:09:00 PM	Dinoseb	n/a	<	0.033	µg/L	EPA 515.4	0.033	0.4	WKL	
MO-VEN	2021/22-2	Wet	12/14/2021 4:25:00 PM	12/23/2021 8:34:00 PM	Diphenamid	n/a	<	0.3	µg/L	EPA 525.2	0.3	1	WKL	
MO-VEN	2021/22-2	Wet	12/14/2021 4:25:00 PM	12/23/2021 8:34:00 PM	Disulfoton	n/a	<	0.15	µg/L	EPA 525.2	0.15	1	WKL	
MO-VEN	2021/22-2	Wet	12/14/2021 4:25:00 PM	1/11/2022 3:56:00 AM	Disulfoton	n/a	<	0.01	µg/L	EPA 625.1m	0.01	0.01	WKL	
MO-VEN	2021/22-2	Wet	12/14/2021 4:25:00 PM	1/13/2022 11:03:00 AM	Endosulfan I	n/a	<	0.0045	µg/L	EPA 608.3	0.0045	0.1	WKL	
MO-VEN	2021/22-2	Wet	12/14/2021 4:25:00 PM	1/13/2022 11:03:00 AM	Endosulfan II	n/a	<	0.0035	µg/L	EPA 608.3	0.0035	0.05	WKL	
MO-VEN	2021/22-2	Wet	12/14/2021 4:25:00 PM	1/13/2022 11:03:00 AM	Endosulfan sulfate	n/a	<	0.0065	µg/L	EPA 608.3	0.0065	0.25	WKL	
MO-VEN	2021/22-2	Wet	12/14/2021 4:25:00 PM	1/13/2022 11:03:00 AM	Endrin	n/a	<	0.0085	µg/L	EPA 608.3	0.0085	0.05	WKL	
MO-VEN	2021/22-2	Wet	12/14/2021 4:25:00 PM	1/13/2022 11:03:00 AM	Endrin aldehyde	n/a	<	0.0095	µg/L	EPA 608.3	0.0095	0.05	WKL	
MO-VEN	2021/22-2	Wet	12/14/2021 4:25:00 PM	12/23/2021 8:34:00 PM	EPTC	n/a	<	0.2	µg/L	EPA 525.2	0.2	1	WKL	
MO-VEN	2021/22-2	Wet	12/14/2021 4:25:00 PM	1/11/2022 3:56:00 AM	Ethoprop	n/a	<	0.0067	µg/L	EPA 625.1m	0.0067	0.01	WKL	
MO-VEN	2021/22-2	Wet	12/14/2021 4:25:00 PM	1/11/2022 3:56:00 AM	Ethyl parathion	n/a	<	0.0054	µg/L	EPA 625.1m	0.0054	0.01	WKL	
MO-VEN	2021/22-2	Wet	12/14/2021 4:25:00 PM	1/11/2022 3:56:00 AM	Fensulfothion	n/a	<	0.0029	µg/L	EPA 625.1m	0.0029	0.01	WKL	
MO-VEN	2021/22-2	Wet	12/14/2021 4:25:00 PM	1/11/2022 3:56:00 AM	Fenthion	n/a	<	0.0038	µg/L	EPA 625.1m	0.0038	0.01	WKL	
MO-VEN	2021/22-2	Wet	12/14/2021 4:25:00 PM	1/13/2022 11:03:00 AM	gamma-BHC (Lindane)	n/a	<	0.002	µg/L	EPA 608.3	0.002	0.1	WKL	
MO-VEN	2021/22-2	Wet	12/14/2021 4:25:00 PM	1/13/2022 11:03:00 AM	gamma-Chlordane	n/a	<	0.012	µg/L	EPA 608.3	0.012	0.05	WKL	
MO-VEN	2021/22-2	Wet	12/14/2021 4:25:00 PM	12/17/2021 4:23:00 AM	Glyphosate	n/a	=	24	µg/L	EPA 547	1.8	5	WKL	
MO-VEN	2021/22-2	Wet	12/14/2021 4:25:00 PM	1/13/2022 11:03:00 AM	Heptachlor	n/a	<	0.003	µg/L	EPA 608.3	0.003	0.05	WKL	
MO-VEN	2021/22-2	Wet	12/14/2021 4:25:00 PM	1/13/2022 11:03:00 AM	Heptachlor epoxide	n/a	<	0.002	µg/L	EPA 608.3	0.002	0.05	WKL	
MO-VEN	2021/22-2	Wet	12/14/2021 4:25:00 PM	1/11/2022 3:56:00 AM	Malathion	n/a	=	0.017	µg/L	EPA 625.1m	0.0076	0.01	WKL	
MO-VEN	2021/22-2	Wet	12/14/2021 4:25:00 PM	1/11/2022 3:56:00 AM	Merphos	n/a	<	0.0058	µg/L	EPA 625.1m	0.0058	0.01	WKL	
MO-VEN	2021/22-2	Wet	12/14/2021 4:25:00 PM	1/11/2022 3:56:00 AM	Methyl parathion	n/a	<	0.0063	µg/L	EPA 625.1m	0.0063	0.01	WKL	
MO-VEN	2021/22-2	Wet	12/14/2021 4:25:00 PM	12/23/2021 8:34:00 PM	Metolachlor	n/a	<	0.3	µg/L	EPA 525.2	0.3	1	WKL	
MO-VEN	2021/22-2	Wet	12/14/2021 4:25:00 PM	12/23/2021 8:34:00 PM	Metribuzin	n/a	<	0.3	µg/L	EPA 525.2	0.3	1	WKL	
MO-VEN	2021/22-2	Wet	12/14/2021 4:25:00 PM	1/11/2022 3:56:00 AM	Mevinphos	n/a	<	0.0042	µg/L	EPA 625.1m	0.0042	0.01	WKL	LB-LCSR
MO-VEN	2021/22-2	Wet	12/14/2021 4:25:00 PM	12/23/2021 8:34:00 PM	Molinate	n/a	<	0.3	µg/L	EPA 525.2	0.3	1	WKL	
MO-VEN	2021/22-2	Wet	12/14/2021 4:25:00 PM	1/11/2022 3:56:00 AM	Naled	n/a	<	0.0076	µg/L	EPA 625.1m	0.0076	0.01	WKL	
MO-VEN	2021/22-2	Wet	12/14/2021 4:25:00 PM	1/18/2022 11:48:00 PM	Pentachlorophenol	n/a	<	4	µg/L	EPA 625.1	4	4	WKL	
MO-VEN	2021/22-2	Wet	12/14/2021 4:25:00 PM	1/14/2022 5:37:00 AM	Pentachlorophenol	n/a	<	0.3	µg/L	EPA 8270C	0.3	2	WKL	
MO-VEN	2021/22-2	Wet	12/14/2021 4:25:00 PM	1/6/2022 9:09:00 PM	Pentachlorophenol	n/a	=	0.23	µg/L	EPA 515.4	0.046	0.2	WKL	
MO-VEN	2021/22-2	Wet	12/14/2021 4:25:00 PM	1/11/2022 3:56:00 AM	Phorate	n/a	<	0.003	µg/L	EPA 625.1m	0.003	0.01	WKL	
MO-VEN	2021/22-2	Wet	12/14/2021 4:25:00 PM	1/6/2022 9:09:00 PM	Picloram	n/a	<	0.05	µg/L	EPA 515.4	0.05	0.6	WKL	
MO-VEN	2021/22-2	Wet	12/14/2021 4:25:00 PM	12/23/2021 8:34:00 PM	Prometryn	n/a	<	0.3	µg/L	EPA 525.2	0.3	1	WKL	
MO-VEN	2021/22-2	Wet	12/14/2021 4:25:00 PM	1/11/2022 3:56:00 AM	Ronnel (Fenchlorphos)	n/a	<	0.0041	µg/L	EPA 625.1m	0.0041	0.01	WKL	
MO-VEN	2021/22-2	Wet	12/14/2021 4:25:00 PM	12/23/2021 8:34:00 PM	Simazine	n/a	<	0.2	µg/L	EPA 525.2	0.2	1	WKL	
MO-VEN	2021/22-2	Wet	12/14/2021 4:25:00 PM	1/11/2022 3:56:00 AM	Stirophos (Tetrachlorvinphos)	n/a	<	0.0031	µg/L	EPA 625.1m	0.0031	0.01	WKL	
MO-VEN	2021/22-2	Wet	12/14/2021 4:25:00 PM	12/23/2021 8:34:00 PM	Terbacil	n/a	<	0.9	µg/L	EPA 525.2	0.9	20	WKL	
MO-VEN	2021/22-2	Wet	12/14/2021 4:25:00 PM	12/23/2021 8:34:00 PM	Thiobencarb	n/a	<	0.3	µg/L	EPA 525.2	0.3	1	WKL	
MO-VEN	2021/22-2	Wet	12/14/2021 4:25:00 PM	1/11/2022 3:56:00 AM	Tokuthion	n/a	<	0.0078	µg/L	EPA 625.1m	0.0078	0.01	WKL	
MO-VEN	2021/22-2	Wet	12/14/2021 4:25:00 PM	1/13/2022 11:03:00 AM	Toxaphene	n/a	<	2.5	µg/L	EPA 608.3	2.5	2.5	WKL	
MO-VEN	2021/22-2	Wet	12/14/2021 4:25:00 PM	1/11/2022 3:56:00 AM	Trichloronate	n/a	<	0.0067	µg/L	EPA 625.1m	0.0067	0.01	WKL	
MO-VEN	2021/22-2	Wet	12/14/2021 4:25:00 PM	12/23/2021 8:34:00 PM	Trithion	n/a	<	0.2	µg/L	EPA 525.2	0.2	1	WKL	
MO-VEN	2021/22-3	Wet	3/28/2022 7:45:00 AM	3/29/2022 11:20:00 AM	E. Coli	n/a	=	17329	MPN/100 mL	MMO-MUG	10	10	VCHCA	EST-HT

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-VEN	2021/22-3	Wet	3/28/2022 7:45:00 AM	3/29/2022 11:20:00 AM	Total Coliform	n/a	=	461100	MPN/100 mL	MMO-MUG	1000	1000	VCHCA	EST-HT
MO-VEN	2021/22-3	Wet	3/28/2022 7:45:00 AM	3/28/2022 7:45:00 AM	Conductivity	n/a	=	79.1	µmhos/cm	Field Meter	-88	1	Field Crew	
MO-VEN	2021/22-3	Wet	3/28/2022 7:45:00 AM	4/6/2022 3:10:00 PM	Cyanide	Total	<	0.0012	mg/L	ASTM D7511	0.0012	0.002	WKL	
MO-VEN	2021/22-3	Wet	3/28/2022 7:45:00 AM	3/28/2022 7:45:00 AM	DO	n/a	=	95.6	%	Field Meter	-88	0.1	Field Crew	
MO-VEN	2021/22-3	Wet	3/28/2022 7:45:00 AM	3/28/2022 7:45:00 AM	DO	n/a	=	9.73	mg/L	Field Meter	-88	0.3	Field Crew	
MO-VEN	2021/22-3	Wet	3/28/2022 7:45:00 AM	3/28/2022 7:45:00 AM	pH	n/a	=	7.41	pH Units	Field Meter	-88	0.01	Field Crew	
MO-VEN	2021/22-3	Wet	3/28/2022 7:45:00 AM	3/28/2022 7:45:00 AM	Salinity	n/a	<	100	mg/L	Field Meter	-88	100	Field Crew	
MO-VEN	2021/22-3	Wet	3/28/2022 7:45:00 AM	3/28/2022 7:45:00 AM	Specific Conductance	n/a	=	99.8	µmhos/cm	Field Meter	-88	1	Field Crew	
MO-VEN	2021/22-3	Wet	3/28/2022 7:45:00 AM	3/28/2022 7:45:00 AM	Temperature	n/a	=	14.3	°C	Field Meter	-88	0.1	Field Crew	
MO-VEN	2021/22-3	Wet	3/28/2022 7:45:00 AM	3/30/2022 3:39:00 PM	Gasoline Range Organics	n/a	<	0.065	mg/L	EPA 8260B	0.065	0.1	WKL	
MO-VEN	2021/22-3	Wet	3/28/2022 7:45:00 AM	4/4/2022 1:14:00 PM	Oil and Grease	n/a	DNQ	2.9	mg/L	EPA 1664B	0.7	4.6	WKL	
MO-VEN	2021/22-3	Wet	3/29/2022 8:53:00 AM	4/1/2022 3:01:00 PM	Chloride	n/a	=	7.3	mg/L	EPA 300.0	0.38	1	WKL	
MO-VEN	2021/22-3	Wet	3/29/2022 8:53:00 AM	4/1/2022 3:01:00 PM	Fluoride	n/a	DNQ	0.13	mg/L	EPA 300.0	0.018	0.2	WKL	
MO-VEN	2021/22-3	Wet	3/29/2022 8:53:00 AM	4/1/2022 7:59:00 PM	Perchlorate	n/a	<	0.78	µg/L	EPA 314.0	0.78	4	WKL	
MO-VEN	2021/22-3	Wet	3/29/2022 8:53:00 AM	4/7/2022 6:01:00 PM	Calcium	Total	=	14.8	mg/L	EPA 200.7	0.0234	0.5	WKL	
MO-VEN	2021/22-3	Wet	3/29/2022 8:53:00 AM	4/7/2022 6:01:00 PM	Magnesium	Total	=	4.25	mg/L	EPA 200.7	0.039	0.5	WKL	
MO-VEN	2021/22-3	Wet	3/29/2022 8:53:00 AM	3/31/2022 12:46:00 PM	Alkalinity as CaCO3	n/a	=	26	mg/L	SM 2320 B	1.9	5	WKL	
MO-VEN	2021/22-3	Wet	3/29/2022 8:53:00 AM	4/4/2022 3:53:00 PM	BOD	n/a	=	12	mg/L	SM 5210 B	2	2	WKL	
MO-VEN	2021/22-3	Wet	3/29/2022 8:53:00 AM	4/7/2022 1:13:00 PM	COD	n/a	=	35	mg/L	EPA 410.4	2.9	5	WKL	
MO-VEN	2021/22-3	Wet	3/29/2022 8:53:00 AM	4/7/2022 6:01:00 PM	Hardness as CaCO3	Total	=	54.4	mg/L	EPA 200.7	0.219	3.31	WKL	
MO-VEN	2021/22-3	Wet	3/29/2022 8:53:00 AM	3/29/2022 6:04:00 PM	MBAS	n/a	=	0.2	mg/L	SM 5540 C	0.013	0.05	WKL	
MO-VEN	2021/22-3	Wet	3/29/2022 8:53:00 AM	4/6/2022 1:01:00 PM	Phenolics	n/a	DNQ	0.0072	mg/L	EPA 420.4	0.0068	0.01	WKL	
MO-VEN	2021/22-3	Wet	3/29/2022 8:53:00 AM	4/8/2022 1:01:00 PM	Specific Conductance	n/a	=	170	µmhos/cm	SM 2510 B	1.1	2	WKL	
MO-VEN	2021/22-3	Wet	3/29/2022 8:53:00 AM	4/5/2022 4:01:00 PM	Total Dissolved Solids	n/a	=	100	mg/L	SM 2540 C	4	10	WKL	
MO-VEN	2021/22-3	Wet	3/29/2022 8:53:00 AM	4/14/2022 6:52:00 AM	Total Organic Carbon	n/a	=	12	mg/L	SM 5310 B	0.19	0.3	WKL	
MO-VEN	2021/22-3	Wet	3/29/2022 8:53:00 AM	4/2/2022 10:05:00 AM	Total Suspended Solids	n/a	=	710	mg/L	SM 2540 D	-88	5	WKL	
MO-VEN	2021/22-3	Wet	3/29/2022 8:53:00 AM	3/30/2022 1:17:00 PM	Turbidity	n/a	=	21	NTU	EPA 180.1	0.017	0.1	WKL	
MO-VEN	2021/22-3	Wet	3/29/2022 8:53:00 AM	4/2/2022 10:22:00 AM	Volatile Suspended Solids	n/a	=	520	mg/L	EPA 160.4	3.1	5	WKL	
MO-VEN	2021/22-3	Wet	3/29/2022 8:53:00 AM	4/1/2022 8:42:00 AM	Diesel Range Organics	n/a	=	0.5	mg/L	EPA 8015B	0.14	0.2	WKL	
MO-VEN	2021/22-3	Wet	3/29/2022 8:53:00 AM	4/1/2022 8:42:00 AM	Oil Range Organics	n/a	<	0.66	mg/L	EPA 8015B	0.66	1	WKL	
MO-VEN	2021/22-3	Wet	3/29/2022 8:53:00 AM	4/6/2022 5:40:00 PM	Aluminum	Dissolved	=	24	µg/L	EPA 200.8	4.4	20	WKL	
MO-VEN	2021/22-3	Wet	3/29/2022 8:53:00 AM	4/6/2022 5:43:00 PM	Aluminum	Total	=	3700	µg/L	EPA 200.8	4.4	20	WKL	LB-MSR
MO-VEN	2021/22-3	Wet	3/29/2022 8:53:00 AM	4/6/2022 5:40:00 PM	Antimony	Dissolved	=	0.74	µg/L	EPA 200.8	0.089	0.5	WKL	
MO-VEN	2021/22-3	Wet	3/29/2022 8:53:00 AM	4/6/2022 5:43:00 PM	Antimony	Total	=	1.8	µg/L	EPA 200.8	0.089	0.5	WKL	
MO-VEN	2021/22-3	Wet	3/29/2022 8:53:00 AM	4/6/2022 5:40:00 PM	Arsenic	Dissolved	=	0.83	µg/L	EPA 200.8	0.074	0.4	WKL	
MO-VEN	2021/22-3	Wet	3/29/2022 8:53:00 AM	4/6/2022 5:43:00 PM	Arsenic	Total	=	2.8	µg/L	EPA 200.8	0.074	0.4	WKL	
MO-VEN	2021/22-3	Wet	3/29/2022 8:53:00 AM	4/6/2022 5:43:00 PM	Barium	Total	=	62	µg/L	EPA 200.8	0.14	1	WKL	
MO-VEN	2021/22-3	Wet	3/29/2022 8:53:00 AM	4/6/2022 5:40:00 PM	Beryllium	Dissolved	<	0.062	µg/L	EPA 200.8	0.062	0.1	WKL	
MO-VEN	2021/22-3	Wet	3/29/2022 8:53:00 AM	4/6/2022 5:43:00 PM	Beryllium	Total	=	0.12	µg/L	EPA 200.8	0.029	0.1	WKL	
MO-VEN	2021/22-3	Wet	3/29/2022 8:53:00 AM	4/6/2022 5:40:00 PM	Cadmium	Dissolved	<	0.042	µg/L	EPA 200.8	0.042	0.2	WKL	
MO-VEN	2021/22-3	Wet	3/29/2022 8:53:00 AM	4/6/2022 5:43:00 PM	Cadmium	Total	=	0.31	µg/L	EPA 200.8	0.042	0.2	WKL	
MO-VEN	2021/22-3	Wet	3/29/2022 8:53:00 AM	4/6/2022 5:43:00 PM	Chromium	Dissolved	=	1.2	µg/L	EPA 200.8	0.089	0.2	WKL	
MO-VEN	2021/22-3	Wet	3/29/2022 8:53:00 AM	4/6/2022 5:43:00 PM	Chromium	Total	=	8.3	µg/L	EPA 200.8	0.089	0.2	WKL	
MO-VEN	2021/22-3	Wet	3/29/2022 8:53:00 AM	4/6/2022 3:39:00 PM	Chromium VI	n/a	=	0.94	µg/L	EPA 218.6	0.0079	0.02	WKL	
MO-VEN	2021/22-3	Wet	3/29/2022 8:53:00 AM	4/6/2022 5:40:00 PM	Copper	Dissolved	=	8.6	µg/L	EPA 200.8	0.23	0.5	WKL	
MO-VEN	2021/22-3	Wet	3/29/2022 8:53:00 AM	4/6/2022 5:43:00 PM	Copper	Total	=	47	µg/L	EPA 200.8	0.23	0.5	WKL	
MO-VEN	2021/22-3	Wet	3/29/2022 8:53:00 AM	4/6/2022 5:40:00 PM	Iron	Dissolved	=	57	µg/L	EPA 200.8	3.9	20	WKL	
MO-VEN	2021/22-3	Wet	3/29/2022 8:53:00 AM	4/6/2022 5:43:00 PM	Iron	Total	=	5400	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-VEN	2021/22-3	Wet	3/29/2022 8:53:00 AM	4/6/2022 5:40:00 PM	Lead	Dissolved	=	0.63	µg/L	EPA 200.8	0.083	0.2	WKL	
MO-VEN	2021/22-3	Wet	3/29/2022 8:53:00 AM	4/6/2022 5:43:00 PM	Lead	Total	=	15	µg/L	EPA 200.8	0.083	0.2	WKL	
MO-VEN	2021/22-3	Wet	3/29/2022 8:53:00 AM	3/31/2022 11:24:00 AM	Mercury	Dissolved	<	17	ng/L	EPA 245.1	17	50	WKL	
MO-VEN	2021/22-3	Wet	3/29/2022 8:53:00 AM	3/31/2022 11:26:00 AM	Mercury	Total	DNQ	34	ng/L	EPA 245.1	17	50	WKL	
MO-VEN	2021/22-3	Wet	3/29/2022 8:53:00 AM	4/6/2022 5:40:00 PM	Nickel	Dissolved	DNQ	1.7	µg/L	EPA 200.8	0.16	2	WKL	
MO-VEN	2021/22-3	Wet	3/29/2022 8:53:00 AM	4/6/2022 5:43:00 PM	Nickel	Total	=	8.8	µg/L	EPA 200.8	0.16	2	WKL	
MO-VEN	2021/22-3	Wet	3/29/2022 8:53:00 AM	4/6/2022 5:40:00 PM	Selenium	Dissolved	=	0.4	µg/L	EPA 200.8	0.067	0.4	WKL	
MO-VEN	2021/22-3	Wet	3/29/2022 8:53:00 AM	4/6/2022 5:43:00 PM	Selenium	Total	=	0.58	µg/L	EPA 200.8	0.067	0.4	WKL	
MO-VEN	2021/22-3	Wet	3/29/2022 8:53:00 AM	4/6/2022 5:40:00 PM	Silver	Dissolved	<	0.03	µg/L	EPA 200.8	0.03	0.2	WKL	
MO-VEN	2021/22-3	Wet	3/29/2022 8:53:00 AM	4/6/2022 5:43:00 PM	Silver	Total	<	0.13	µg/L	EPA 200.8	0.13	0.2	WKL	
MO-VEN	2021/22-3	Wet	3/29/2022 8:53:00 AM	4/6/2022 5:40:00 PM	Thallium	Dissolved	<	0.021	µg/L	EPA 200.8	0.021	0.2	WKL	
MO-VEN	2021/22-3	Wet	3/29/2022 8:53:00 AM	4/6/2022 5:43:00 PM	Thallium	Total	DNQ	0.053	µg/L	EPA 200.8	0.021	0.2	WKL	
MO-VEN	2021/22-3	Wet	3/29/2022 8:53:00 AM	4/6/2022 5:40:00 PM	Zinc	Dissolved	=	28	µg/L	EPA 200.8	0.8	10	WKL	
MO-VEN	2021/22-3	Wet	3/29/2022 8:53:00 AM	4/6/2022 5:43:00 PM	Zinc	Total	=	180	µg/L	EPA 200.8	1.7	10	WKL	
MO-VEN	2021/22-3	Wet	3/29/2022 8:53:00 AM	4/4/2022 4:11:00 PM	Ammonia as N	n/a	=	0.31	mg/L	EPA 350.1	0.017	0.1	WKL	
MO-VEN	2021/22-3	Wet	3/29/2022 8:53:00 AM	4/9/2022 3:01:00 PM	Nitrate + Nitrite as N	n/a	=	0.47	mg/L	EPA 353.2	0.036	0.2	WKL	
MO-VEN	2021/22-3	Wet	3/29/2022 8:53:00 AM	4/7/2022 5:58:00 PM	Phosphorus as P	Dissolved	=	0.23	mg/L	EPA 200.7	0.018	0.05	WKL	
MO-VEN	2021/22-3	Wet	3/29/2022 8:53:00 AM	4/7/2022 6:01:00 PM	Phosphorus as P	Total	=	0.59	mg/L	EPA 200.7	0.018	0.05	WKL	
MO-VEN	2021/22-3	Wet	3/29/2022 8:53:00 AM	4/6/2022 4:23:00 PM	TKN	n/a	=	2	mg/L	EPA 351.2	0.13	0.2	WKL	
MO-VEN	2021/22-3	Wet	3/29/2022 8:53:00 AM	4/28/2022 3:31:00 AM	1,2,4-Trichlorobenzene	n/a	<	2.4	µg/L	EPA 625.1	2.4	5	WKL	
MO-VEN	2021/22-3	Wet	3/29/2022 8:53:00 AM	4/28/2022 3:31:00 AM	1,2-Dichlorobenzene	n/a	<	2.3	µg/L	EPA 625.1	2.3	5	WKL	
MO-VEN	2021/22-3	Wet	3/29/2022 8:53:00 AM	4/28/2022 3:31:00 AM	1,2-Diphenylhydrazine	n/a	<	1.5	µg/L	EPA 625.1	1.5	5	WKL	
MO-VEN	2021/22-3	Wet	3/29/2022 8:53:00 AM	4/28/2022 3:31:00 AM	1,3-Dichlorobenzene	n/a	<	2.1	µg/L	EPA 625.1	2.1	5	WKL	
MO-VEN	2021/22-3	Wet	3/29/2022 8:53:00 AM	4/28/2022 3:31:00 AM	1,4-Dichlorobenzene	n/a	<	2.4	µg/L	EPA 625.1	2.4	5	WKL	
MO-VEN	2021/22-3	Wet	3/29/2022 8:53:00 AM	4/20/2022 9:56:00 AM	1-Methylnaphthalene	n/a	<	0.12	µg/L	EPA 8270C	0.12	0.5	WKL	
MO-VEN	2021/22-3	Wet	3/29/2022 8:53:00 AM	4/29/2022 8:11:00 AM	2,4,5-Trichlorophenol	n/a	<	1.4	µg/L	EPA 8270C	1.4	5	WKL	
MO-VEN	2021/22-3	Wet	3/29/2022 8:53:00 AM	4/28/2022 3:31:00 AM	2,4,6-Trichlorophenol	n/a	<	1.1	µg/L	EPA 625.1	1.1	5	WKL	
MO-VEN	2021/22-3	Wet	3/29/2022 8:53:00 AM	4/29/2022 8:11:00 AM	2,4,6-Trichlorophenol	n/a	<	1.5	µg/L	EPA 8270C	1.5	5	WKL	
MO-VEN	2021/22-3	Wet	3/29/2022 8:53:00 AM	4/28/2022 3:31:00 AM	2,4-Dichlorophenol	n/a	<	1.3	µg/L	EPA 625.1	1.3	5	WKL	
MO-VEN	2021/22-3	Wet	3/29/2022 8:53:00 AM	4/29/2022 8:11:00 AM	2,4-Dichlorophenol	n/a	<	2.6	µg/L	EPA 8270C	2.6	5	WKL	
MO-VEN	2021/22-3	Wet	3/29/2022 8:53:00 AM	4/28/2022 3:31:00 AM	2,4-Dimethylphenol	n/a	<	3.8	µg/L	EPA 625.1	3.8	5	WKL	
MO-VEN	2021/22-3	Wet	3/29/2022 8:53:00 AM	4/29/2022 8:11:00 AM	2,4-Dimethylphenol	n/a	<	5	µg/L	EPA 8270C	5	10	WKL	
MO-VEN	2021/22-3	Wet	3/29/2022 8:53:00 AM	4/28/2022 3:31:00 AM	2,4-Dinitrophenol	n/a	<	9.4	µg/L	EPA 625.1	9.4	50	WKL	
MO-VEN	2021/22-3	Wet	3/29/2022 8:53:00 AM	4/29/2022 8:11:00 AM	2,4-Dinitrophenol	n/a	<	5	µg/L	EPA 8270C	5	10	WKL	
MO-VEN	2021/22-3	Wet	3/29/2022 8:53:00 AM	4/28/2022 3:31:00 AM	2,4-Dinitrotoluene	n/a	<	2.3	µg/L	EPA 625.1	2.3	5	WKL	
MO-VEN	2021/22-3	Wet	3/29/2022 8:53:00 AM	4/28/2022 3:31:00 AM	2,6-Dinitrotoluene	n/a	<	1.4	µg/L	EPA 625.1	1.4	5	WKL	
MO-VEN	2021/22-3	Wet	3/29/2022 8:53:00 AM	4/28/2022 3:31:00 AM	2-Chloronaphthalene	n/a	<	2.2	µg/L	EPA 625.1	2.2	5	WKL	
MO-VEN	2021/22-3	Wet	3/29/2022 8:53:00 AM	4/28/2022 3:31:00 AM	2-Chlorophenol	n/a	<	1.4	µg/L	EPA 625.1	1.4	5	WKL	
MO-VEN	2021/22-3	Wet	3/29/2022 8:53:00 AM	4/29/2022 8:11:00 AM	2-Chlorophenol	n/a	<	3.2	µg/L	EPA 8270C	3.2	5	WKL	
MO-VEN	2021/22-3	Wet	3/29/2022 8:53:00 AM	4/20/2022 9:56:00 AM	2-Methylnaphthalene	n/a	<	0.13	µg/L	EPA 8270C	0.13	0.5	WKL	
MO-VEN	2021/22-3	Wet	3/29/2022 8:53:00 AM	4/29/2022 8:11:00 AM	2-Methylphenol	n/a	<	1.7	µg/L	EPA 8270C	1.7	5	WKL	
MO-VEN	2021/22-3	Wet	3/29/2022 8:53:00 AM	4/28/2022 3:31:00 AM	2-Nitrophenol	n/a	<	1.3	µg/L	EPA 625.1	1.3	5	WKL	
MO-VEN	2021/22-3	Wet	3/29/2022 8:53:00 AM	4/29/2022 8:11:00 AM	2-Nitrophenol	n/a	<	3.6	µg/L	EPA 8270C	3.6	5	WKL	
MO-VEN	2021/22-3	Wet	3/29/2022 8:53:00 AM	4/28/2022 3:31:00 AM	3,3'-Dichlorobenzidine	n/a	<	12	µg/L	EPA 625.1	12	25	WKL	
MO-VEN	2021/22-3	Wet	3/29/2022 8:53:00 AM	4/29/2022 8:11:00 AM	3-4-Methylphenol	n/a	<	1.5	µg/L	EPA 8270C	1.5	5	WKL	
MO-VEN	2021/22-3	Wet	3/29/2022 8:53:00 AM	4/29/2022 8:53:00 AM	4,6-Dinitro-2-methylphenol	n/a	<	0.7	µg/L	EPA 8270C	0.7	5	WKL	
MO-VEN	2021/22-3	Wet	3/29/2022 8:53:00 AM	4/28/2022 3:31:00 AM	4,6-Dinitro-2-methylphenol	n/a	<	2.5	µg/L	EPA 625.1	2.5	25	WKL	
MO-VEN	2021/22-3	Wet	3/29/2022 8:53:00 AM	4/28/2022 3:31:00 AM	4-Bromophenyl phenyl ether	n/a	<	1.8	µg/L	EPA 625.1	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-VEN	2021/22-3	Wet	3/29/2022 8:53:00 AM	4/28/2022 3:31:00 AM	4-Chloro-3-methylphenol	n/a	<	1.2	µg/L	EPA 625.1	1.2	5	WKL	
MO-VEN	2021/22-3	Wet	3/29/2022 8:53:00 AM	4/29/2022 8:11:00 AM	4-Chloro-3-methylphenol	n/a	<	1.8	µg/L	EPA 8270C	1.8	5	WKL	
MO-VEN	2021/22-3	Wet	3/29/2022 8:53:00 AM	4/28/2022 3:31:00 AM	4-Chlorophenyl phenyl ether	n/a	<	2	µg/L	EPA 625.1	2	5	WKL	
MO-VEN	2021/22-3	Wet	3/29/2022 8:53:00 AM	4/28/2022 3:31:00 AM	4-Nitrophenol	n/a	<	6.2	µg/L	EPA 625.1	6.2	25	WKL	
MO-VEN	2021/22-3	Wet	3/29/2022 8:53:00 AM	4/29/2022 8:11:00 AM	4-Nitrophenol	n/a	<	5	µg/L	EPA 8270C	5	10	WKL	
MO-VEN	2021/22-3	Wet	3/29/2022 8:53:00 AM	4/28/2022 3:31:00 AM	Acenaphthene	n/a	<	1.9	µg/L	EPA 625.1	1.9	5	WKL	
MO-VEN	2021/22-3	Wet	3/29/2022 8:53:00 AM	4/20/2022 9:56:00 AM	Acenaphthene	n/a	<	0.14	µg/L	EPA 8270C	0.14	0.5	WKL	
MO-VEN	2021/22-3	Wet	3/29/2022 8:53:00 AM	4/20/2022 9:56:00 AM	Acenaphthylene	n/a	<	0.16	µg/L	EPA 8270C	0.16	0.5	WKL	
MO-VEN	2021/22-3	Wet	3/29/2022 8:53:00 AM	4/28/2022 3:31:00 AM	Acenaphthylene	n/a	<	1.8	µg/L	EPA 625.1	1.8	5	WKL	
MO-VEN	2021/22-3	Wet	3/29/2022 8:53:00 AM	4/28/2022 3:31:00 AM	Anthracene	n/a	<	2	µg/L	EPA 625.1	2	5	WKL	
MO-VEN	2021/22-3	Wet	3/29/2022 8:53:00 AM	4/20/2022 9:56:00 AM	Anthracene	n/a	DNQ	0.14	µg/L	EPA 8270C	0.12	0.5	WKL	
MO-VEN	2021/22-3	Wet	3/29/2022 8:53:00 AM	4/28/2022 3:31:00 AM	Benz(a)anthracene	n/a	<	0.95	µg/L	EPA 625.1	0.95	5	WKL	
MO-VEN	2021/22-3	Wet	3/29/2022 8:53:00 AM	4/20/2022 9:56:00 AM	Benz(a)anthracene	n/a	<	0.26	µg/L	EPA 8270C	0.26	0.5	WKL	
MO-VEN	2021/22-3	Wet	3/29/2022 8:53:00 AM	4/28/2022 3:31:00 AM	Benzidine	n/a	<	16	µg/L	EPA 625.1	16	50	WKL	
MO-VEN	2021/22-3	Wet	3/29/2022 8:53:00 AM	4/15/2022 4:11:00 AM	Benzo(a)pyrene	n/a	<	0.04	µg/L	EPA 525.2	0.04	0.2	WKL	
MO-VEN	2021/22-3	Wet	3/29/2022 8:53:00 AM	4/28/2022 3:31:00 AM	Benzo(a)pyrene	n/a	<	2	µg/L	EPA 625.1	2	5	WKL	
MO-VEN	2021/22-3	Wet	3/29/2022 8:53:00 AM	4/20/2022 9:56:00 AM	Benzo(a)pyrene	n/a	DNQ	0.29	µg/L	EPA 8270C	0.26	0.5	WKL	
MO-VEN	2021/22-3	Wet	3/29/2022 8:53:00 AM	4/28/2022 3:31:00 AM	Benzo(b)fluoranthene	n/a	<	2.3	µg/L	EPA 625.1	2.3	5	WKL	
MO-VEN	2021/22-3	Wet	3/29/2022 8:53:00 AM	4/20/2022 9:56:00 AM	Benzo(b)fluoranthene	n/a	<	0.37	µg/L	EPA 8270C	0.37	0.5	WKL	
MO-VEN	2021/22-3	Wet	3/29/2022 8:53:00 AM	4/28/2022 3:31:00 AM	Benzo(g,h,i)perylene	n/a	<	2.1	µg/L	EPA 625.1	2.1	10	WKL	
MO-VEN	2021/22-3	Wet	3/29/2022 8:53:00 AM	4/20/2022 9:56:00 AM	Benzo(g,h,i)perylene	n/a	DNQ	0.27	µg/L	EPA 8270C	0.25	0.5	WKL	
MO-VEN	2021/22-3	Wet	3/29/2022 8:53:00 AM	4/28/2022 3:31:00 AM	Benzo(k)fluoranthene	n/a	<	1.1	µg/L	EPA 625.1	1.1	5	WKL	
MO-VEN	2021/22-3	Wet	3/29/2022 8:53:00 AM	4/20/2022 9:56:00 AM	Benzo(k)fluoranthene	n/a	DNQ	0.21	µg/L	EPA 8270C	0.13	0.5	WKL	UL-MB
MO-VEN	2021/22-3	Wet	3/29/2022 8:53:00 AM	4/28/2022 3:31:00 AM	Bis(2-chloroethoxy)methane	n/a	<	1.2	µg/L	EPA 625.1	1.2	5	WKL	
MO-VEN	2021/22-3	Wet	3/29/2022 8:53:00 AM	4/28/2022 3:31:00 AM	Bis(2-chloroethyl)ether	n/a	<	1.4	µg/L	EPA 625.1	1.4	5	WKL	
MO-VEN	2021/22-3	Wet	3/29/2022 8:53:00 AM	4/28/2022 3:31:00 AM	Bis(2-chloroisopropyl)ether	n/a	<	1.9	µg/L	EPA 625.1	1.9	5	WKL	
MO-VEN	2021/22-3	Wet	3/29/2022 8:53:00 AM	4/15/2022 4:11:00 AM	Bis(2-ethylhexyl)adipate	n/a	<	0.85	µg/L	EPA 525.2	0.85	10	WKL	
MO-VEN	2021/22-3	Wet	3/29/2022 8:53:00 AM	4/15/2022 4:11:00 AM	Bis(2-ethylhexyl)phthalate	n/a	<	0.82	µg/L	EPA 525.2	0.82	6	WKL	
MO-VEN	2021/22-3	Wet	3/29/2022 8:53:00 AM	4/28/2022 3:31:00 AM	Bis(2-ethylhexyl)phthalate	n/a	<	12	µg/L	EPA 625.1	12	25	WKL	
MO-VEN	2021/22-3	Wet	3/29/2022 8:53:00 AM	4/28/2022 3:31:00 AM	Butyl benzyl phthalate	n/a	<	2.5	µg/L	EPA 625.1	2.5	5	WKL	
MO-VEN	2021/22-3	Wet	3/29/2022 8:53:00 AM	4/28/2022 3:31:00 AM	Chrysene	n/a	<	0.95	µg/L	EPA 625.1	0.95	5	WKL	
MO-VEN	2021/22-3	Wet	3/29/2022 8:53:00 AM	4/20/2022 9:56:00 AM	Chrysene	n/a	<	0.37	µg/L	EPA 8270C	0.37	0.5	WKL	
MO-VEN	2021/22-3	Wet	3/29/2022 8:53:00 AM	4/28/2022 3:31:00 AM	Dibenz(a,h)anthracene	n/a	<	0.75	µg/L	EPA 625.1	0.75	10	WKL	
MO-VEN	2021/22-3	Wet	3/29/2022 8:53:00 AM	4/20/2022 9:56:00 AM	Dibenz(a,h)anthracene	n/a	DNQ	0.3	µg/L	EPA 8270C	0.18	0.5	WKL	UL-MB
MO-VEN	2021/22-3	Wet	3/29/2022 8:53:00 AM	4/28/2022 3:31:00 AM	Diethyl phthalate	n/a	<	1.7	µg/L	EPA 625.1	1.7	5	WKL	
MO-VEN	2021/22-3	Wet	3/29/2022 8:53:00 AM	4/28/2022 3:31:00 AM	Dimethyl phthalate	n/a	<	0.9	µg/L	EPA 625.1	0.9	5	WKL	
MO-VEN	2021/22-3	Wet	3/29/2022 8:53:00 AM	4/28/2022 3:31:00 AM	Di-n-butylphthalate	n/a	<	1.7	µg/L	EPA 625.1	1.7	5	WKL	
MO-VEN	2021/22-3	Wet	3/29/2022 8:53:00 AM	4/28/2022 3:31:00 AM	Di-n-octylphthalate	n/a	<	2.3	µg/L	EPA 625.1	2.3	5	WKL	
MO-VEN	2021/22-3	Wet	3/29/2022 8:53:00 AM	4/28/2022 3:31:00 AM	Fluoranthene	n/a	<	1.7	µg/L	EPA 625.1	1.7	5	WKL	
MO-VEN	2021/22-3	Wet	3/29/2022 8:53:00 AM	4/20/2022 9:56:00 AM	Fluoranthene	n/a	DNQ	0.21	µg/L	EPA 8270C	0.2	0.5	WKL	
MO-VEN	2021/22-3	Wet	3/29/2022 8:53:00 AM	4/28/2022 3:31:00 AM	Fluorene	n/a	<	1.8	µg/L	EPA 625.1	1.8	5	WKL	
MO-VEN	2021/22-3	Wet	3/29/2022 8:53:00 AM	4/20/2022 9:56:00 AM	Fluorene	n/a	<	0.14	µg/L	EPA 8270C	0.14	0.5	WKL	
MO-VEN	2021/22-3	Wet	3/29/2022 8:53:00 AM	4/28/2022 3:31:00 AM	Hexachlorobenzene	n/a	<	2.4	µg/L	EPA 625.1	2.4	5	WKL	
MO-VEN	2021/22-3	Wet	3/29/2022 8:53:00 AM	4/28/2022 3:31:00 AM	Hexachlorobutadiene	n/a	<	2.4	µg/L	EPA 625.1	2.4	5	WKL	
MO-VEN	2021/22-3	Wet	3/29/2022 8:53:00 AM	4/28/2022 3:31:00 AM	Hexachlorocyclopentadiene	n/a	<	1.6	µg/L	EPA 625.1	1.6	25	WKL	
MO-VEN	2021/22-3	Wet	3/29/2022 8:53:00 AM	4/15/2022 4:11:00 AM	Hexachlorocyclopentadiene	n/a	<	0.18	µg/L	EPA 525.2	0.18	2	WKL	
MO-VEN	2021/22-3	Wet	3/29/2022 8:53:00 AM	4/28/2022 3:31:00 AM	Hexachloroethane	n/a	<	2.5	µg/L	EPA 625.1	2.5	5	WKL	
MO-VEN	2021/22-3	Wet	3/29/2022 8:53:00 AM	4/20/2022 9:56:00 AM	Indeno(1,2,3-cd)pyrene	n/a	<	0.32	µg/L	EPA 8270C	0.32	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	2021/22-3	Wet	3/29/2022 8:53:00 AM	4/28/2022 3:31:00 AM	Indeno(1,2,3-cd)pyrene	n/a	<	1.2	µg/L	EPA 625.1	1.2	10	WKL	
MO-VEN	2021/22-3	Wet	3/29/2022 8:53:00 AM	4/28/2022 3:31:00 AM	Isophorone	n/a	<	1	µg/L	EPA 625.1	1	5	WKL	
MO-VEN	2021/22-3	Wet	3/29/2022 8:53:00 AM	4/28/2022 3:31:00 AM	Naphthalene	n/a	<	2.4	µg/L	EPA 625.1	2.4	5	WKL	
MO-VEN	2021/22-3	Wet	3/29/2022 8:53:00 AM	4/20/2022 9:56:00 AM	Naphthalene	n/a	<	0.13	µg/L	EPA 8270C	0.13	0.5	WKL	
MO-VEN	2021/22-3	Wet	3/29/2022 8:53:00 AM	4/28/2022 3:31:00 AM	Nitrobenzene	n/a	<	1.8	µg/L	EPA 625.1	1.8	5	WKL	
MO-VEN	2021/22-3	Wet	3/29/2022 8:53:00 AM	4/28/2022 3:31:00 AM	N-Nitrosodimethylamine	n/a	<	2.5	µg/L	EPA 625.1	2.5	5	WKL	
MO-VEN	2021/22-3	Wet	3/29/2022 8:53:00 AM	4/28/2022 3:31:00 AM	N-Nitrosodi-N-propylamine	n/a	<	1.3	µg/L	EPA 625.1	1.3	5	WKL	
MO-VEN	2021/22-3	Wet	3/29/2022 8:53:00 AM	4/28/2022 3:31:00 AM	N-Nitrosodiphenylamine	n/a	<	0.95	µg/L	EPA 625.1	0.95	5	WKL	
MO-VEN	2021/22-3	Wet	3/29/2022 8:53:00 AM	4/28/2022 3:31:00 AM	Phenanthrene	n/a	<	1.6	µg/L	EPA 625.1	1.6	5	WKL	
MO-VEN	2021/22-3	Wet	3/29/2022 8:53:00 AM	4/20/2022 9:56:00 AM	Phenanthrene	n/a	<	0.14	µg/L	EPA 8270C	0.14	0.5	WKL	
MO-VEN	2021/22-3	Wet	3/29/2022 8:53:00 AM	4/28/2022 3:31:00 AM	Phenol	n/a	<	4.1	µg/L	EPA 625.1	4.1	5	WKL	
MO-VEN	2021/22-3	Wet	3/29/2022 8:53:00 AM	4/29/2022 8:11:00 AM	Phenol	n/a	<	1.8	µg/L	EPA 8270C	1.8	5	WKL	
MO-VEN	2021/22-3	Wet	3/29/2022 8:53:00 AM	4/28/2022 3:31:00 AM	Pyrene	n/a	<	1.2	µg/L	EPA 625.1	1.2	5	WKL	
MO-VEN	2021/22-3	Wet	3/29/2022 8:53:00 AM	4/20/2022 9:56:00 AM	Pyrene	n/a	DNQ	0.2	µg/L	EPA 8270C	0.2	0.5	WKL	
MO-VEN	2021/22-3	Wet	3/29/2022 8:53:00 AM	4/10/2022 2:43:00 AM	PCB Aroclor 1016	n/a	<	2.5	µg/L	EPA 608.3	2.5	2.5	WKL	
MO-VEN	2021/22-3	Wet	3/29/2022 8:53:00 AM	4/10/2022 2:43:00 AM	PCB Aroclor 1221	n/a	<	2.5	µg/L	EPA 608.3	2.5	2.5	WKL	
MO-VEN	2021/22-3	Wet	3/29/2022 8:53:00 AM	4/10/2022 2:43:00 AM	PCB Aroclor 1232	n/a	<	2.5	µg/L	EPA 608.3	2.5	2.5	WKL	
MO-VEN	2021/22-3	Wet	3/29/2022 8:53:00 AM	4/10/2022 2:43:00 AM	PCB Aroclor 1242	n/a	<	2.5	µg/L	EPA 608.3	2.5	2.5	WKL	
MO-VEN	2021/22-3	Wet	3/29/2022 8:53:00 AM	4/10/2022 2:43:00 AM	PCB Aroclor 1248	n/a	<	2.5	µg/L	EPA 608.3	2.5	2.5	WKL	
MO-VEN	2021/22-3	Wet	3/29/2022 8:53:00 AM	4/10/2022 2:43:00 AM	PCB Aroclor 1254	n/a	<	2.5	µg/L	EPA 608.3	2.5	2.5	WKL	
MO-VEN	2021/22-3	Wet	3/29/2022 8:53:00 AM	4/10/2022 2:43:00 AM	PCB Aroclor 1260	n/a	<	2.5	µg/L	EPA 608.3	2.5	2.5	WKL	
MO-VEN	2021/22-3	Wet	3/29/2022 8:53:00 AM	4/1/2022 5:04:00 AM	2,4,5-T	n/a	<	0.03	µg/L	EPA 515.4	0.03	0.2	WKL	
MO-VEN	2021/22-3	Wet	3/29/2022 8:53:00 AM	4/1/2022 5:04:00 AM	2,4,5-TP	n/a	<	0.026	µg/L	EPA 515.4	0.026	0.2	WKL	
MO-VEN	2021/22-3	Wet	3/29/2022 8:53:00 AM	4/1/2022 5:04:00 AM	2,4-D	n/a	=	0.78	µg/L	EPA 515.4	0.14	0.4	WKL	
MO-VEN	2021/22-3	Wet	3/29/2022 8:53:00 AM	4/1/2022 5:04:00 AM	2,4-DB	n/a	<	0.19	µg/L	EPA 515.4	0.19	2	WKL	
MO-VEN	2021/22-3	Wet	3/29/2022 8:53:00 AM	4/1/2022 5:04:00 AM	3,5-Dichlorobenzoic acid	n/a	<	1	µg/L	EPA 515.4	1	1	WKL	
MO-VEN	2021/22-3	Wet	3/29/2022 8:53:00 AM	4/10/2022 2:43:00 AM	4,4'-DDD	n/a	<	0.0035	µg/L	EPA 608.3	0.0035	0.25	WKL	
MO-VEN	2021/22-3	Wet	3/29/2022 8:53:00 AM	4/10/2022 2:43:00 AM	4,4'-DDE	n/a	DNQ	0.024	µg/L	EPA 608.3	0.0035	0.25	WKL	
MO-VEN	2021/22-3	Wet	3/29/2022 8:53:00 AM	4/10/2022 2:43:00 AM	4,4'-DDT	n/a	<	0.05	µg/L	EPA 608.3	0.05	0.05	WKL	
MO-VEN	2021/22-3	Wet	3/29/2022 8:53:00 AM	4/1/2022 5:04:00 AM	Acifluorfen	n/a	<	0.4	µg/L	EPA 515.4	0.4	0.4	WKL	
MO-VEN	2021/22-3	Wet	3/29/2022 8:53:00 AM	4/15/2022 4:11:00 AM	Alachlor	n/a	<	0.06	µg/L	EPA 525.2	0.06	0.2	WKL	
MO-VEN	2021/22-3	Wet	3/29/2022 8:53:00 AM	4/10/2022 2:43:00 AM	Aldrin	n/a	<	0.005	µg/L	EPA 608.3	0.005	0.025	WKL	
MO-VEN	2021/22-3	Wet	3/29/2022 8:53:00 AM	4/10/2022 2:43:00 AM	alpha-BHC	n/a	<	0.0055	µg/L	EPA 608.3	0.0055	0.05	WKL	
MO-VEN	2021/22-3	Wet	3/29/2022 8:53:00 AM	4/10/2022 2:43:00 AM	alpha-Chlordane	n/a	<	0.014	µg/L	EPA 608.3	0.014	0.05	WKL	
MO-VEN	2021/22-3	Wet	3/29/2022 8:53:00 AM	4/15/2022 4:11:00 AM	Atrazine	n/a	<	0.022	µg/L	EPA 525.2	0.022	0.2	WKL	
MO-VEN	2021/22-3	Wet	3/29/2022 8:53:00 AM	4/1/2022 8:34:00 PM	Azinphos methyl	n/a	<	0.011	µg/L	EPA 625.1m	0.011	0.02	WKL	
MO-VEN	2021/22-3	Wet	3/29/2022 8:53:00 AM	4/1/2022 5:04:00 AM	Bentazon	n/a	<	0.23	µg/L	EPA 515.4	0.23	2	WKL	
MO-VEN	2021/22-3	Wet	3/29/2022 8:53:00 AM	4/10/2022 2:43:00 AM	beta-BHC	n/a	<	0.0075	µg/L	EPA 608.3	0.0075	0.025	WKL	
MO-VEN	2021/22-3	Wet	3/29/2022 8:53:00 AM	4/1/2022 8:34:00 PM	Bolstar	n/a	<	0.0092	µg/L	EPA 625.1m	0.0092	0.02	WKL	
MO-VEN	2021/22-3	Wet	3/29/2022 8:53:00 AM	4/15/2022 4:11:00 AM	Bromacil	n/a	<	0.14	µg/L	EPA 525.2	0.14	1	WKL	
MO-VEN	2021/22-3	Wet	3/29/2022 8:53:00 AM	4/15/2022 4:11:00 AM	Butachlor	n/a	<	0.024	µg/L	EPA 525.2	0.024	0.2	WKL	
MO-VEN	2021/22-3	Wet	3/29/2022 8:53:00 AM	4/15/2022 4:11:00 AM	Captan	n/a	<	0.64	µg/L	EPA 525.2	0.64	2	WKL	
MO-VEN	2021/22-3	Wet	3/29/2022 8:53:00 AM	4/10/2022 2:43:00 AM	Chlordane (technical)	n/a	<	0.22	µg/L	EPA 608.3	0.22	0.5	WKL	
MO-VEN	2021/22-3	Wet	3/29/2022 8:53:00 AM	4/15/2022 4:11:00 AM	Chlorpropham	n/a	<	0.08	µg/L	EPA 525.2	0.08	0.2	WKL	
MO-VEN	2021/22-3	Wet	3/29/2022 8:53:00 AM	4/1/2022 8:34:00 PM	Chlorpyrifos	n/a	<	0.014	µg/L	EPA 625.1m	0.014	0.02	WKL	
MO-VEN	2021/22-3	Wet	3/29/2022 8:53:00 AM	4/1/2022 8:34:00 PM	Coumaphos	n/a	<	0.01	µg/L	EPA 625.1m	0.01	0.02	WKL	
MO-VEN	2021/22-3	Wet	3/29/2022 8:53:00 AM	4/1/2022 5:04:00 AM	Dalapon	n/a	<	0.11	µg/L	EPA 515.4	0.11	0.4	WKL	
MO-VEN	2021/22-3	Wet	3/29/2022 8:53:00 AM	4/1/2022 5:04:00 AM	DCPA (Dacthal)	n/a	<	0.029	µg/L	EPA 515.4	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-VEN	2021/22-3	Wet	3/29/2022 8:53:00 AM	4/10/2022 2:43:00 AM	delta-BHC	n/a	<	0.0095	µg/L	EPA 608.3	0.0095	0.025	WKL	
MO-VEN	2021/22-3	Wet	3/29/2022 8:53:00 AM	4/1/2022 8:34:00 PM	Demeton-O	n/a	<	0.02	µg/L	EPA 625.1m	0.02	0.02	WKL	
MO-VEN	2021/22-3	Wet	3/29/2022 8:53:00 AM	4/1/2022 8:34:00 PM	Demeton-S	n/a	<	0.02	µg/L	EPA 625.1m	0.02	0.02	WKL	
MO-VEN	2021/22-3	Wet	3/29/2022 8:53:00 AM	4/1/2022 8:34:00 PM	Diazinon	n/a	<	0.01	µg/L	EPA 625.1m	0.01	0.02	WKL	
MO-VEN	2021/22-3	Wet	3/29/2022 8:53:00 AM	4/15/2022 4:11:00 AM	Diazinon	n/a	<	0.044	µg/L	EPA 525.2	0.044	0.2	WKL	
MO-VEN	2021/22-3	Wet	3/29/2022 8:53:00 AM	4/1/2022 5:04:00 AM	Dicamba	n/a	<	0.049	µg/L	EPA 515.4	0.049	0.6	WKL	
MO-VEN	2021/22-3	Wet	3/29/2022 8:53:00 AM	4/1/2022 5:04:00 AM	Dichlorprop	n/a	<	0.12	µg/L	EPA 515.4	0.12	0.3	WKL	
MO-VEN	2021/22-3	Wet	3/29/2022 8:53:00 AM	4/1/2022 8:34:00 PM	Dichlorvos	n/a	<	0.0058	µg/L	EPA 625.1m	0.0058	0.02	WKL	
MO-VEN	2021/22-3	Wet	3/29/2022 8:53:00 AM	4/10/2022 2:43:00 AM	Dieldrin	n/a	<	0.004	µg/L	EPA 608.3	0.004	0.05	WKL	
MO-VEN	2021/22-3	Wet	3/29/2022 8:53:00 AM	4/15/2022 4:11:00 AM	Dimethoate	n/a	<	0.04	µg/L	EPA 525.2	0.04	0.4	WKL	
MO-VEN	2021/22-3	Wet	3/29/2022 8:53:00 AM	4/1/2022 8:34:00 PM	Dimethoate	n/a	DNQ	0.013	µg/L	EPA 625.1m	0.012	0.02	WKL	HB-LCSR
MO-VEN	2021/22-3	Wet	3/29/2022 8:53:00 AM	4/1/2022 5:04:00 AM	Dinoseb	n/a	<	0.033	µg/L	EPA 515.4	0.033	0.4	WKL	
MO-VEN	2021/22-3	Wet	3/29/2022 8:53:00 AM	4/15/2022 4:11:00 AM	Diphenamid	n/a	<	0.06	µg/L	EPA 525.2	0.06	0.2	WKL	
MO-VEN	2021/22-3	Wet	3/29/2022 8:53:00 AM	4/1/2022 8:34:00 PM	Disulfoton	n/a	<	0.02	µg/L	EPA 625.1m	0.02	0.02	WKL	
MO-VEN	2021/22-3	Wet	3/29/2022 8:53:00 AM	4/15/2022 4:11:00 AM	Disulfoton	n/a	<	0.031	µg/L	EPA 525.2	0.031	0.2	WKL	
MO-VEN	2021/22-3	Wet	3/29/2022 8:53:00 AM	4/10/2022 2:43:00 AM	Endosulfan I	n/a	<	0.0045	µg/L	EPA 608.3	0.0045	0.1	WKL	
MO-VEN	2021/22-3	Wet	3/29/2022 8:53:00 AM	4/10/2022 2:43:00 AM	Endosulfan II	n/a	<	0.0035	µg/L	EPA 608.3	0.0035	0.05	WKL	
MO-VEN	2021/22-3	Wet	3/29/2022 8:53:00 AM	4/10/2022 8:53:00 AM	Endosulfan sulfate	n/a	<	0.0065	µg/L	EPA 608.3	0.0065	0.25	WKL	
MO-VEN	2021/22-3	Wet	3/29/2022 8:53:00 AM	4/10/2022 2:43:00 AM	Endrin	n/a	<	0.0085	µg/L	EPA 608.3	0.0085	0.05	WKL	
MO-VEN	2021/22-3	Wet	3/29/2022 8:53:00 AM	4/10/2022 2:43:00 AM	Endrin aldehyde	n/a	<	0.0095	µg/L	EPA 608.3	0.0095	0.05	WKL	
MO-VEN	2021/22-3	Wet	3/29/2022 8:53:00 AM	4/15/2022 4:11:00 AM	EPTC	n/a	<	0.04	µg/L	EPA 525.2	0.04	0.2	WKL	
MO-VEN	2021/22-3	Wet	3/29/2022 8:53:00 AM	4/1/2022 8:34:00 PM	Ethoprop	n/a	<	0.013	µg/L	EPA 625.1m	0.013	0.02	WKL	
MO-VEN	2021/22-3	Wet	3/29/2022 8:53:00 AM	4/1/2022 8:34:00 PM	Ethyl parathion	n/a	<	0.011	µg/L	EPA 625.1m	0.011	0.02	WKL	
MO-VEN	2021/22-3	Wet	3/29/2022 8:53:00 AM	4/1/2022 8:34:00 PM	Fensulfothion	n/a	<	0.0058	µg/L	EPA 625.1m	0.0058	0.02	WKL	
MO-VEN	2021/22-3	Wet	3/29/2022 8:53:00 AM	4/1/2022 8:34:00 PM	Fenthion	n/a	<	0.0076	µg/L	EPA 625.1m	0.0076	0.02	WKL	
MO-VEN	2021/22-3	Wet	3/29/2022 8:53:00 AM	4/10/2022 2:43:00 AM	gamma-BHC (Lindane)	n/a	<	0.002	µg/L	EPA 608.3	0.002	0.1	WKL	
MO-VEN	2021/22-3	Wet	3/29/2022 8:53:00 AM	4/10/2022 2:43:00 AM	gamma-Chlordane	n/a	<	0.012	µg/L	EPA 608.3	0.012	0.05	WKL	
MO-VEN	2021/22-3	Wet	3/29/2022 8:53:00 AM	4/4/2022 8:00:00 PM	Glyphosate	n/a	=	41	µg/L	EPA 547	1.8	5	WKL	
MO-VEN	2021/22-3	Wet	3/29/2022 8:53:00 AM	4/10/2022 2:43:00 AM	Heptachlor	n/a	<	0.003	µg/L	EPA 608.3	0.003	0.05	WKL	
MO-VEN	2021/22-3	Wet	3/29/2022 8:53:00 AM	4/10/2022 8:53:00 AM	Heptachlor epoxide	n/a	<	0.002	µg/L	EPA 608.3	0.002	0.05	WKL	
MO-VEN	2021/22-3	Wet	3/29/2022 8:53:00 AM	4/1/2022 8:34:00 PM	Malathion	n/a	=	0.034	µg/L	EPA 625.1m	0.015	0.02	WKL	
MO-VEN	2021/22-3	Wet	3/29/2022 8:53:00 AM	4/1/2022 8:34:00 PM	Merphos	n/a	<	0.012	µg/L	EPA 625.1m	0.012	0.02	WKL	
MO-VEN	2021/22-3	Wet	3/29/2022 8:53:00 AM	4/1/2022 8:34:00 PM	Methyl parathion	n/a	<	0.013	µg/L	EPA 625.1m	0.013	0.02	WKL	
MO-VEN	2021/22-3	Wet	3/29/2022 8:53:00 AM	4/15/2022 4:11:00 AM	Metolachlor	n/a	<	0.06	µg/L	EPA 525.2	0.06	0.2	WKL	
MO-VEN	2021/22-3	Wet	3/29/2022 8:53:00 AM	4/15/2022 4:11:00 AM	Metribuzin	n/a	<	0.06	µg/L	EPA 525.2	0.06	0.2	WKL	
MO-VEN	2021/22-3	Wet	3/29/2022 8:53:00 AM	4/1/2022 8:34:00 PM	Mevinphos	n/a	<	0.0084	µg/L	EPA 625.1m	0.0084	0.02	WKL	
MO-VEN	2021/22-3	Wet	3/29/2022 8:53:00 AM	4/15/2022 4:11:00 AM	Molinate	n/a	<	0.06	µg/L	EPA 525.2	0.06	0.2	WKL	
MO-VEN	2021/22-3	Wet	3/29/2022 8:53:00 AM	4/1/2022 8:34:00 PM	Naled	n/a	<	0.015	µg/L	EPA 625.1m	0.015	0.02	WKL	
MO-VEN	2021/22-3	Wet	3/29/2022 8:53:00 AM	4/1/2022 5:04:00 AM	Pentachlorophenol	n/a	DNQ	0.16	µg/L	EPA 515.4	0.046	0.2	WKL	
MO-VEN	2021/22-3	Wet	3/29/2022 8:53:00 AM	4/28/2022 3:31:00 AM	Pentachlorophenol	n/a	<	2	µg/L	EPA 625.1	2	5	WKL	
MO-VEN	2021/22-3	Wet	3/29/2022 8:53:00 AM	4/29/2022 8:11:00 AM	Pentachlorophenol	n/a	<	0.75	µg/L	EPA 8270C	0.75	5	WKL	
MO-VEN	2021/22-3	Wet	3/29/2022 8:53:00 AM	4/1/2022 8:34:00 PM	Phorate	n/a	<	0.006	µg/L	EPA 625.1m	0.006	0.02	WKL	
MO-VEN	2021/22-3	Wet	3/29/2022 8:53:00 AM	4/1/2022 5:04:00 AM	Picloram	n/a	<	0.6	µg/L	EPA 515.4	0.6	0.6	WKL	
MO-VEN	2021/22-3	Wet	3/29/2022 8:53:00 AM	4/15/2022 4:11:00 AM	Prometryn	n/a	<	0.06	µg/L	EPA 525.2	0.06	0.2	WKL	
MO-VEN	2021/22-3	Wet	3/29/2022 8:53:00 AM	4/1/2022 8:34:00 PM	Ronnel (Fenchlorphos)	n/a	<	0.0082	µg/L	EPA 625.1m	0.0082	0.02	WKL	
MO-VEN	2021/22-3	Wet	3/29/2022 8:53:00 AM	4/15/2022 4:11:00 AM	Simazine	n/a	<	0.04	µg/L	EPA 525.2	0.04	0.2	WKL	
MO-VEN	2021/22-3	Wet	3/29/2022 8:53:00 AM	4/1/2022 8:34:00 PM	Stirophos (Tetrachlorvinphos)	n/a	<	0.0062	µg/L	EPA 625.1m	0.0062	0.02	WKL	
MO-VEN	2021/22-3	Wet	3/29/2022 8:53:00 AM	4/15/2022 4:11:00 AM	Terbacil	n/a	<	0.18	µg/L	EPA 525.2	0.18	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	2021/22-3	Wet	3/29/2022 8:53:00 AM	4/15/2022 4:11:00 AM	Thiobencarb	n/a	<	0.06	µg/L	EPA 525.2	0.06	0.2	WKL	
MO-VEN	2021/22-3	Wet	3/29/2022 8:53:00 AM	4/1/2022 8:34:00 PM	Tokuthion	n/a	<	0.016	µg/L	EPA 625.1m	0.016	0.02	WKL	
MO-VEN	2021/22-3	Wet	3/29/2022 8:53:00 AM	4/10/2022 2:43:00 AM	Toxaphene	n/a	<	5	µg/L	EPA 608.3	5	5	WKL	
MO-VEN	2021/22-3	Wet	3/29/2022 8:53:00 AM	4/1/2022 8:34:00 PM	Trichloronate	n/a	<	0.013	µg/L	EPA 625.1m	0.013	0.02	WKL	
MO-VEN	2021/22-3	Wet	3/29/2022 8:53:00 AM	4/15/2022 4:11:00 AM	Trithion	n/a	<	0.04	µg/L	EPA 525.2	0.04	0.2	WKL	

Appendix H. RWQCB Permission of Toxicity Species Substitution



California Regional Water Quality Control Board Los Angeles Region



Recipient of the 2001 *Environmental Leadership Award* from Keep California Beautiful

Linda S. Adams
Agency Secretary

320 W. 4th Street, Suite 200, Los Angeles, California 90013
Phone (213) 576-6600 FAX (213) 576-6640 - Internet Address: <http://www.waterboards.ca.gov/losangeles>

Arnold Schwarzenegger
Governor

October 28, 2009

Ms. Norma Camacho, Director
Ventura County Watershed Protection District
800 South Victoria Ave., L#1600
Ventura, CA 93009-1600

Certified Mail
Return Receipt Requested
Claim No. 7009 0820 0001 6811 7509

**SUBJECT: TOXICITY TEST SPECIES SUBSTITUTION, VENTURA COUNTY
MUNICIPAL SEPARATE STORM SEWER SYSTEM DISCHARGE (MS4)
PERMIT (BOARD ORDER No. 09-0057; NPDES No. CAS004002)**

Dear Ms. Camacho:

On October 14, 2009, the Regional Board staff received a request from the Ventura County Watershed Protection District (County) to substitute topsmelt, *Atherinops affinis*, with the inland silverside, *Menidia beryllina*, due to the unavailability of topsmelt from the supplier. After consultation with US EPA staff, Regional Board staff denied the request. On October 15, 2009, the Regional Board received an e-mail from the County, titled "Notification of toxicity exception - (species unavailable) Ventura County MS4 NPDES Permit Order No. 09-0057 (Monitoring Program)". The County's e-mail communication was submitted pursuant to requirements in subparts D.5 and D.8(b) of the Ventura County MS4 Permit's Monitoring Program (Monitoring Program), which requires an explanation of the circumstance with documentation when toxicity tests cannot be performed to comply with the requirements of this permit, and written authorization from the Regional Board Executive Officer to substitute test species.

In order to evaluate the appropriateness of substituting topsmelt, *Atherinops affinis*, with the inland silverside, *Menidia beryllina*, in toxicity testing at mass emissions stations in the future, the Regional Board requires the County to conduct comparative static renewal toxicity tests on both species as follows. During the next storm event of this permit year (2009-10) and the first storm event of next permit year (2010-11), the County shall conduct toxicity tests on both topsmelt, *Atherinops affinis*, and the inland silverside, *Menidia beryllina*, along with giant kelp, *Macrocystis pyrifera*, and the purple sea urchin, *Strongylocentrotus purpuratus*, pursuant to subpart D.8(a) of the Monitoring Program. The County shall submit the results of the comparative toxicity tests as part of its reporting requirements.

RECEIVED

NOV 5 2009

California Environmental Protection Agency

Ms. Norma Camacho, Director
Ventura County Watershed Protection District

- 2 of 2 -

October 28, 2009

In the event that topsmelt, *Atherinops affinis*, is unavailable for testing during future sampling events conducted under the Monitoring Program, the County shall follow the protocol set forth in subpart D.5 of the Monitoring Program. The County shall notify the Regional Board by phone and e-mail as soon as possible if a test species is unavailable. Notification shall be sent directly to me as well as Tracy Woods, Stormwater Permitting Unit, with a copy to Renee Purdy, Chief, Regional Programs Section. The County shall submit to the Regional Board documentation of species unavailability from both the County's contract lab and the contract lab's supplier at least 48 hours prior to the planned sampling event to provide adequate time for my staff to evaluate any request for species substitution. Any approval or denial of a request for species substitution must be authorized pursuant to subpart D.8(b) of the Monitoring Program.

If you have any questions, please contact me at (213) 576-6605, or Renee Purdy at (213) 576-6783.

Sincerely,



Tracy J. Egoscue,
Executive Officer

cc: Mr. Bruce Fujimoto, Division of Water Quality, State Water Resources Control Board
Mr. Gerhardt Hubner, Ventura County Watershed Protection District
Mr. Arne Anselm, Ventura County Watershed Protection District

California Environmental Protection Agency